FERVI



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fervi.com

THE CATALOGUE

FOR MRO PROFESSIONALS [MAINTENANCE, REPAIR AND OPERATIONS]

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FERVI

FERVI ANSWERS
+39 059.767172

1 CUSTOMERS SERVICE

- Product prices and availability
- Orders management
- marketing information
- Dealers and representatives
- Quotes / offers
- General information

2 TECHNICAL DEPARTMENT

- Technical information
- After sales support
- Spare parts
- Warranty
- Repair estimate

5 ENGLISH

www.fervi.com info@fervi.com

CONTACT US ON FACEBOOK
facebook.com/FerviProSmartEquipment

Our sales department will timely answer to all of your questions!

SUBSCRIBE TO OUR YOUTUBE CHANNEL
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Check out our machineries videos, learn how to use them and discover Fervi latest news!

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www.linkedin.com/company/ferviprosmartequipment

You can stay updated on our company news and on all our big projects.



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p. 025 — Bench lathes
p. 026 — Bench lathe stands

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FERVI
THE SMART COMPANY

Always at the forefront of innovation in anticipating the needs and wishes of our customers. This is Fervi: leader in the MRO (maintenance, repair and operations) sector and the perfect partner for all professional and hobby requirements, for the construction, maintenance and repair of absolutely any object.

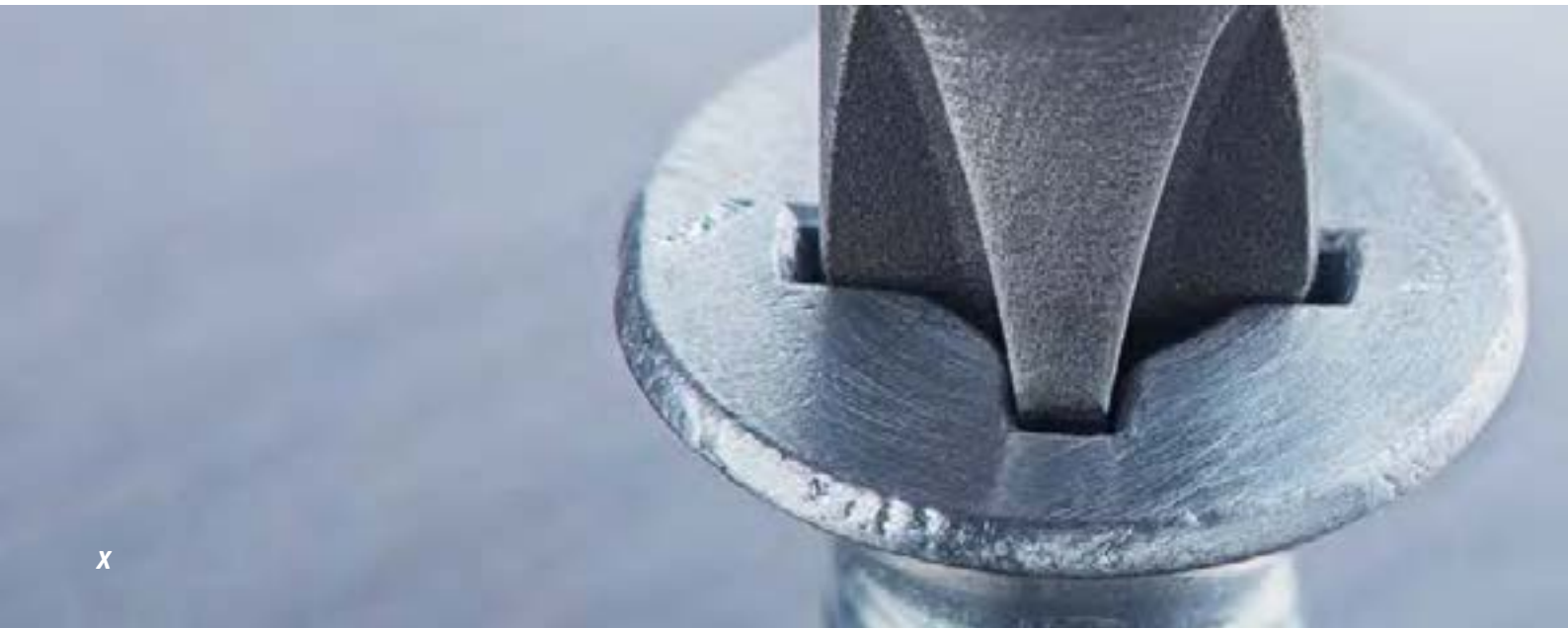
Smart as a business philosophy, in customer and supplier relations, but above all in the supply of high-performance products through increasingly high-tech, dynamic and secure platforms.

We are a solid, dependable and competitive company, a reference point on the European scene for the research, design, production and distribution of machine tools and tooling components that conform to the highest requirements of quality and reliability, leading players in a market that is booming along with us.

VALUES

THE CUSTOMER AT THE HEART OF EVERYTHING

CONTINUOUS IMPROVEMENT



VISION

To offer the most suitable, functional and safe products to workers in industry and the craft sector in order to concretely improve productivity and quality in their daily work.

MISSION

To design and manufacture, research and select, as well as distribute machine tools and tooling components that offer the best value for money, assuring quality standards of safety and service that are well above
the average of our direct competitors. Our passion for the continuous upgrading of products and services, our high regard for the work
of our customers and our in-depth knowledge of the needs of our industry make us the ideal partner for all major projects or small-scale daily maintenance or repair work.

VALUES



TRANSPARENCY
IN BEHAVIOUR



TEAM
SPIRIT

FIT FOR YOU

TIMELINE

2022

The FERVI GROUP was born: the identity of each company is a brick that goes towards building the bridge to the future of the MRO sector.

2021

Rivit, an Italian company specialising in the supply of fastening systems, joined the Fervi family.

2019

100% of Vogel Germany & Co KG became part of the Fervi Group.

2018

Fervi celebrated its first 40 years in business by entering the stock market and acquiring 40% of Sitges Maquinas y Acesorios.

2015

An expansion of Made in Italy, as Ri-flex Abrasives joined the Fervi family.

2013

Having achieved impact zero, Fervi's new offices became energy self-sufficient.

2012

35,000 copies of the first Fervi catalogue were distributed.

2011

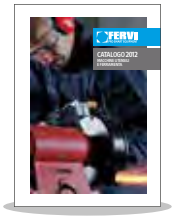
The company ownership changed, and the company consolidated in its journey of expansion.

1991

Veprug evolved into the Fervi-branded business project.

1978

Veprug Srl was founded and established itself as a wholesaler in the Modena area.



2012

3800 products



2014

4700 products



2016

5700 products



2018

6800 products



2020

8500+ products



2022

8600+ products

FERVI GROUP

Machinery and Tools for MRO

LOOKING AHEAD IS IN THE DNA OF THE INNOVATOR

The path embarked upon, and one that management is strongly committed to, is the growth of technical expertise and the digital transformation of services in order to offer its customers cutting-edge support that will back them up in their day-to-day business.

All this has been made possible by firmly uniting the professionalism and skills of all the companies that today make up the **FERVI GROUP**.

A synergy of key players in the MRO sector, ready to expand further, which today lays the foundations for a future that will be increasingly attuned to market developments and the protection of resources and people.

FERVI

Founded in 1978, its range includes machine tools, hand tools and abrasives. More than 8,600 products are available for maintenance and repair professionals in the industrial, craft, automotive and advanced DIY sectors.

RIFLEX

Since 1982, an Italian producer of high-quality abrasive flap discs using automatic machines designed and manufactured in-house. The automatic systems for the production of flap discs are sold worldwide.

VOGEL GERMANY

Founded in 1949, it manufactures and sells high-end measuring instruments, marketed through local agents and a worldwide network of distributors.

SITGES

It was in 1952 that Fervi's historic Spanish distributorship, based in Barcelona, was founded. Distribution is direct and via its own sales network.

Rivit

Since 1973, Rivit has been the perfect partner for the production and distribution of fastening systems, bolting tools and machines for sheet metal working and assembly.

An increasingly comprehensive and reliable choice for you.

The development strategy adopted by the company has thus made it possible to achieve a connotation such as to be able to boast the title of the first Italian group in the MRO sector, allowing it to be alongside customers in every situation.

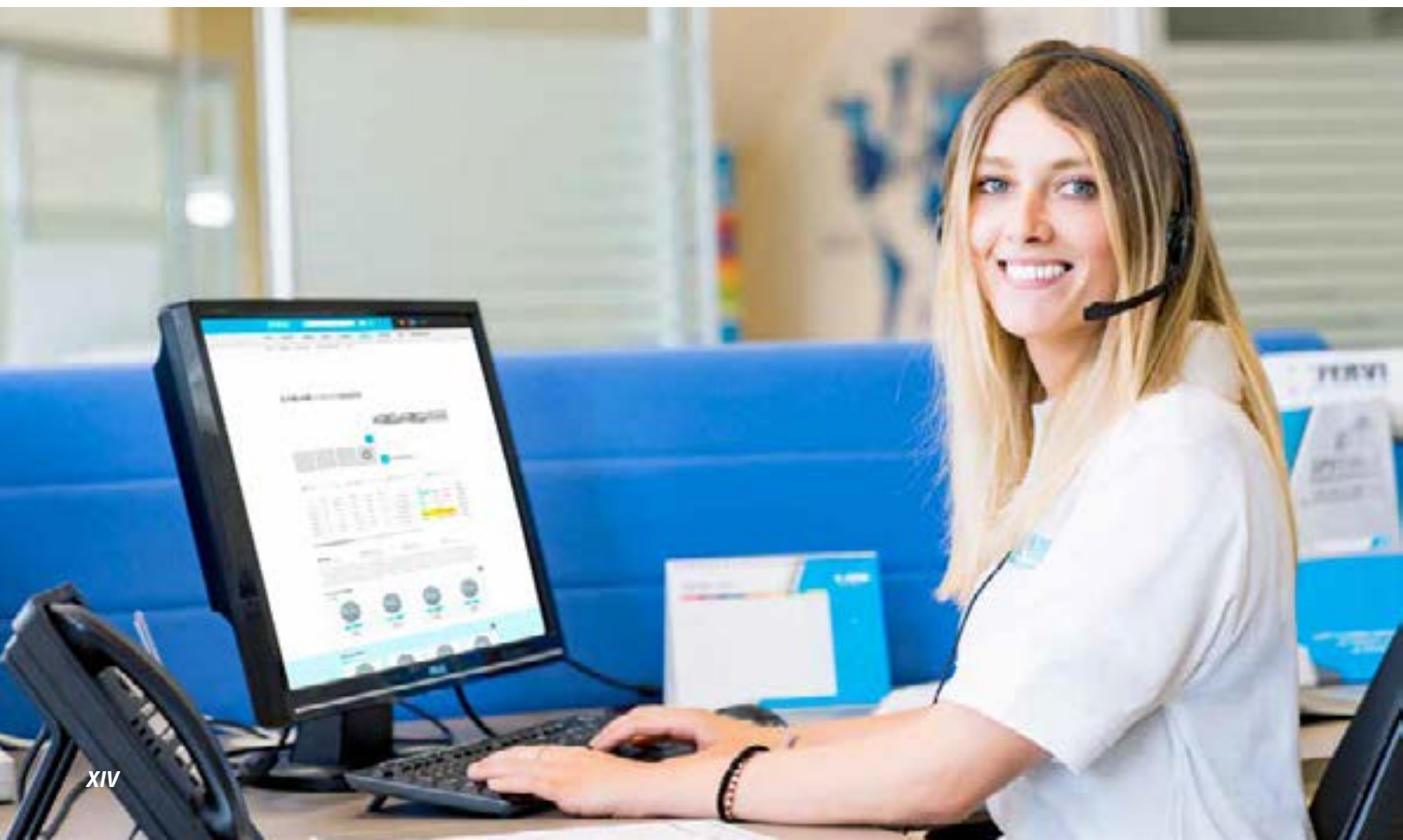
EXTENSIVE COVERAGE. INTERNATIONAL CONFIDENCE.

Our distribution and customer support.

With over **4,500 points of sale in Italy, a presence in more than 50 countries around the world** and more than 8,000 customers, the Fervi Group has today assumed a clearly defined position: that of being ever closer to its customers, to guarantee them daily support for business development.

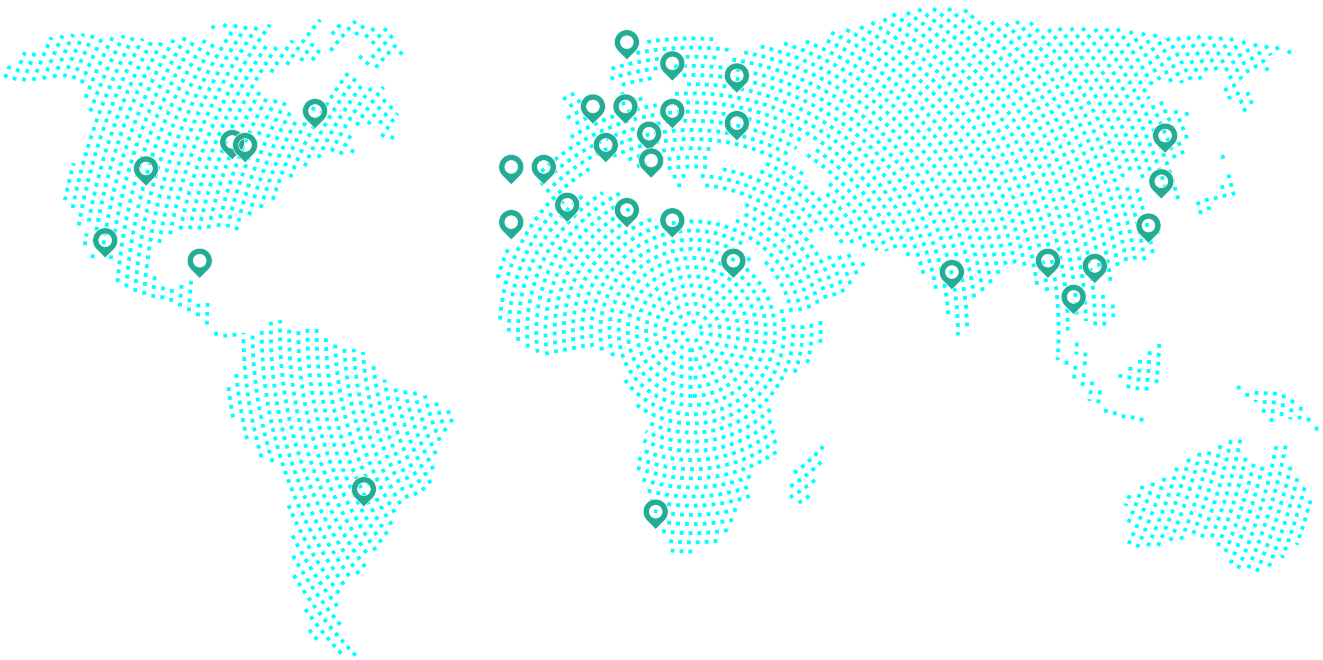
The Group is geared towards constant commercial expansion, always supported by excellent technical back-up to ensure that the complete range of products and services is available throughout the world.

Our highly skilled technicians offer support and an efficient in-house repair service as well as advice on equipment installation and maintenance.



FERVI GROUP

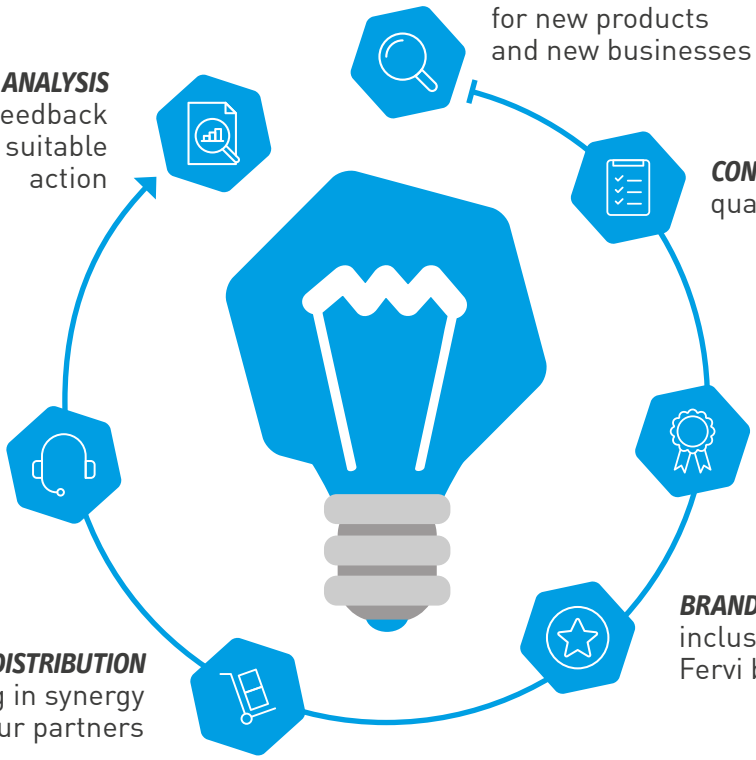
Machinery and Tools for MRO



A single address, personalized solutions.

MANAGEMENT, ORGANISATION, METHOD. QUALITY THE FERVI WAY.

The Fervi method



SCOUTING
for new products
and new businesses

CONTROL
quality assurance

CERTIFICATION
Risk analysis, creation
of technical documentation
and CE marking

BRANDING
inclusion in the
Fervi brand

DISTRIBUTION
Working in synergy
with our partners

LISTENING
to customer
feedback

ANALYSIS
of customer feedback
and taking suitable
action

Our figures

Spaces, people and horizons in the Fervi world.

1+1
SHOWROOM
PHYSICAL AND VIRTUAL

8600+
REFERENCES
IN THE CATALOG

3000+
SPARE PART
ITEMS

10000m²
OF WAREHOUSE
SPACE

200M
ITEMS ON THE
MARKET

3000+
ORDERS EVERY
MONTH

Our certifications

QUALITY THAT COMES FROM RESPONSIBILITY.

Fervi's sense of social and commercial responsibility underpins every initiative and activity undertaken by the members of the Fervi Group and those involved in it.

OUR COWORKERS

Our primary strength, safeguarded by processes and devices and certified to the very highest standards. A healthy and safe environment in which to work, distinguished by a robust and consolidated corporate welfare system.

OUR CUSTOMERS

Each Fervi brand product epitomises everything we strive for every day. High quality, reliability and safety – always 100% guaranteed.

OUR PARTNERS

Anyone who works with the Fervi Group can always count on its proven financial dependability. An extra gesture of trust to build up solid and productive relationships.

AN ENVIRONMENT FOR EVERYONE

We have achieved energy self-sufficiency, thanks to the installation of state-of-the-art photovoltaic systems.

+ ECO-SUSTAINABILITY

Our concern for environmental sustainability has prompted us to produce an eco-sustainable catalogue, using lighter and less treated PEFC paper, with a single goal in mind: to care for our planet by saving, in our own small way, as much CO2 as we possibly can.

PEFC

CERTIFICAZIONE DI SISTEMA AMBIENTALE DNV ISO 14001

CERTIFICAZIONE DI SISTEMA SICUREZZA DNV ISO 45001

CERTIFICAZIONE DI SISTEMA QUALITA' DNV ISO 9001

CERTIFICATION

ESG RATING: A

Fervi S.p.A



FERVI FOR SPORT



FERVI FOR THE UNIVERSITY

SKYWARD
Experimental Rocketry

DYNAMIS
POLIMI REPARTO CORSE

WELCOME TO THE TEAM

We're going to build something great. Together.

We support these organisations at every event – organisations in which we recognise our own values: a sense of belonging, respect for one's opponent, fairness and fierce competition.
Aruba.it Racing Ducati - Superbike Team
Vanoli Basket - Lega Basket Serie A
Hockey Cortina - Sportivi
Ghiaccio Cortina



FERVI FOR SPORT



FERVI FOR THE UNIVERSITY

SKYWARD
Experimental Rocketry

DYNAMIS
POLIMI REPARTO CORSE

DIGITAL FERVI

Quality for sharing

Fervi focuses more and more on digital and social platforms to showcase its products at their best and meet the needs of the community promptly, at any time of day.



The fervi.com website – speedy, dynamic, with new graphics and constantly updated with all the technical information you need to get to know more about each product.

Where to buy it – It's really easy to find a dealer where you can buy the products on the Fervi website. Just enter your location and there you go.





Virtual Show-Room – The perfect place to go on a virtual tour of the display shelves, and to see all the tools in the Fervi range.

Scan the QR Code with your smartphone or visit fervi.com and enter the Fervi Virtual Show Room.



Social – A page that is extremely active thanks to our community, but also Instagram and YouTube, to keep you constantly up-to-date and let you swap opinions on hobbies and the professional world.

FERVI SHOPFITTING

Create your own Showroom

An exclusive offer for authorised retailers.

Fervi sees to the shopfitting, you increase your turnover and yield per square metre. Over 800 customers have already decided to boost their business with FERVI Shopfitting solutions!

The blue kilometre
We are proud to say that to date more than 1,000 linear metres of display space have been installed for our customers, giving a clear picture of the broad range FERVI has to offer in terms of solutions

The blue football pitch
As well as the linear kilometre, we mustn't forget the football pitch made up of FERVI gazebos installed at our retailers – a landmark in outdoor display.

Now FERVI has increased its range of solutions, allowing you to customise your point of sale in line with your needs.





Display panels

Ideal for displaying
manual tools



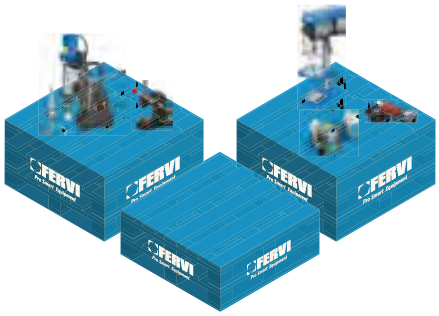
Sail banners

Perfect for displays
featuring machine tools.
The sail banner identifies
the FERVI display area



Gazebos

Ideal for outdoor exhibitions
of machines, workshop fittings
and anything else that may require
a covered space.



Pallet covers

In three different sizes
(3, 4, 5 pallets) to create display
islands (80x120) for small
machines and bulky tools using
existing pallets

FERVI

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PROFESSIONAL LATHE

T095F



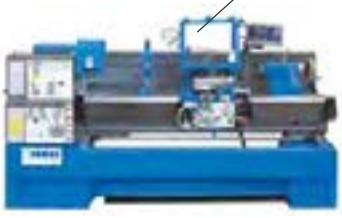
T080F20



T080F



T075I



T070/400V3A15



T070/400VI3A



T070/400V3A



T069/400V..



T998/..



T999/..



T940/230VI..

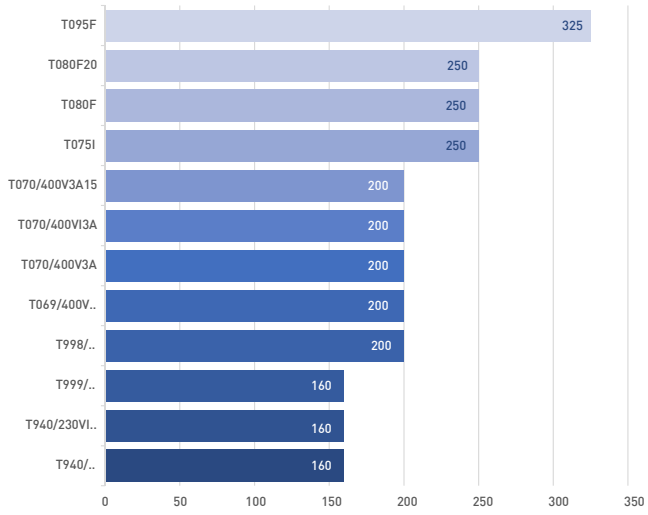


T940/..

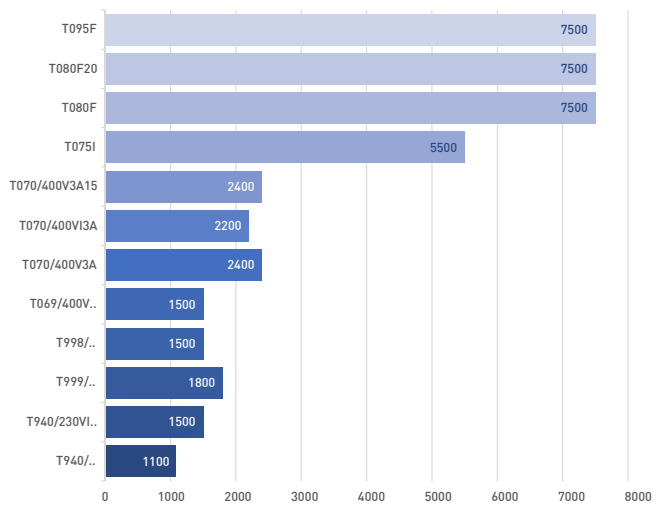


PROFESSIONAL LATHE

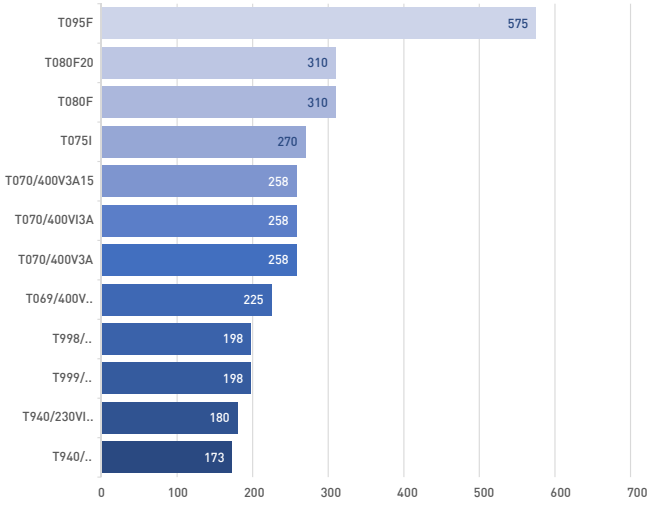
Spindle diameter (mm)



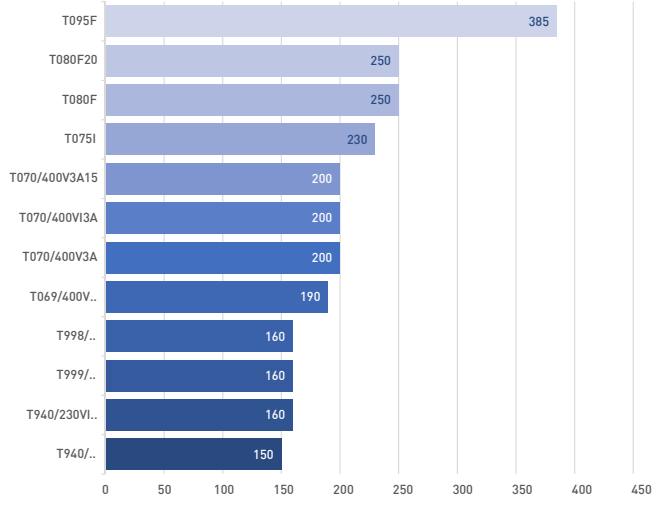
Power (W)



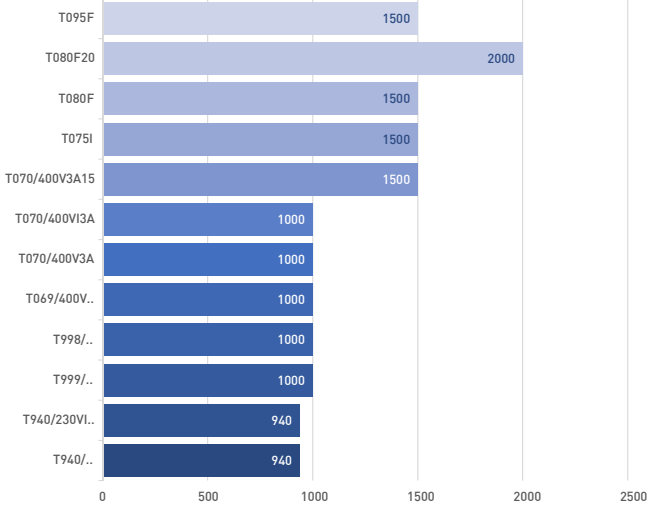
Max swing over the cross slide (mm)



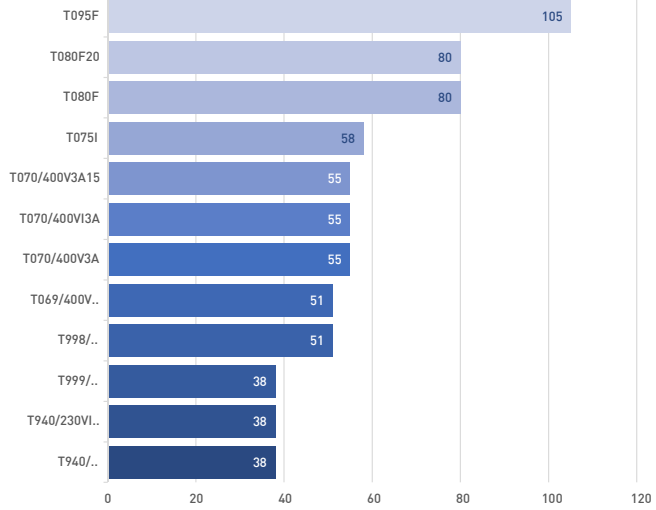
Centers height (mm)



Distance between centers (mm)



Spindle bore (mm)

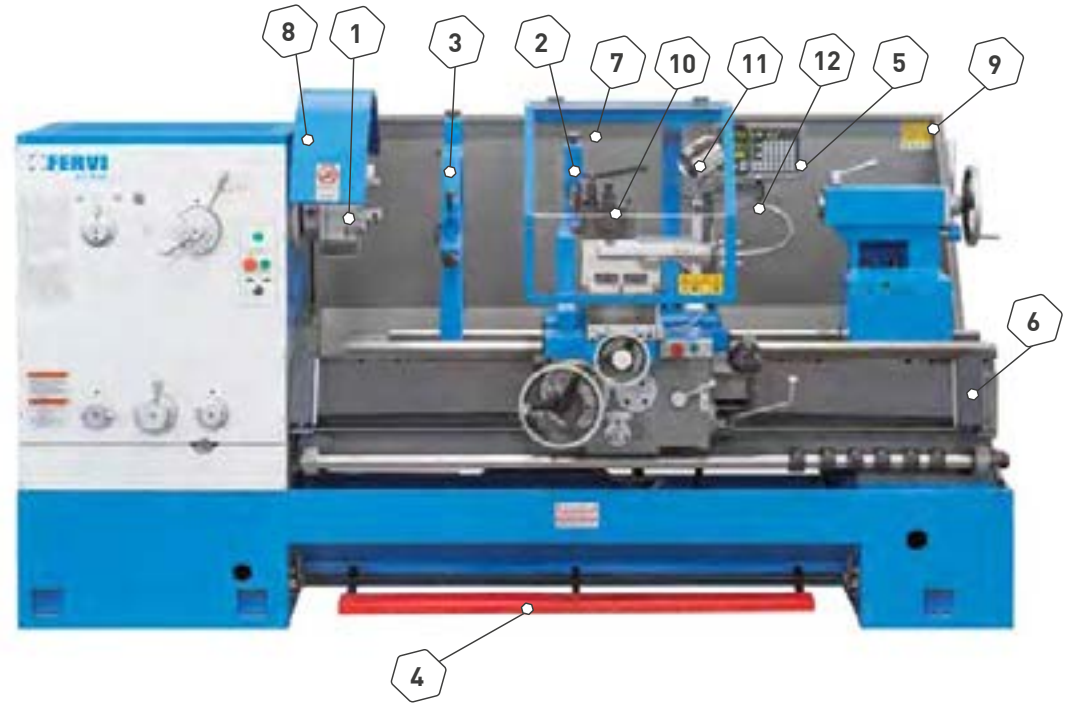


T095F

NEW € 57240,00

GEAR HEAD LATHE WITH READ OUT

With mechanical spindle clutch and 3 axis read out, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base.



1. Self centering chuck 3+3 Ø 325 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. 3 Axis read out
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. Quick change tool post
11. Working lamp
12. Cooling system

Centers height	385 mm
Max swing over the bed	770 mm
Max swing over the cross slide	575 mm
Max swing over the gap	1050 mm
Distance between centers	1500 mm
Spindle bore	105 mm
Spindle nose Camlock	Camlock D1-8
Spindle speed	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm / giro
Cross feeds	0,027 ÷ 1,07 mm/giro
Metric threads	1 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	5
Motor	400V 50 Hz 7,5 kW
Net weight	3300 kg

INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 325 mm
- 4 indipendent jaw chuck Ø 400 mm
- Face plate Ø 600 mm
- Follow rest
- Steady rest
- Live center MT 5
- Thread dial
- Leadscrew hood
- Tool post guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

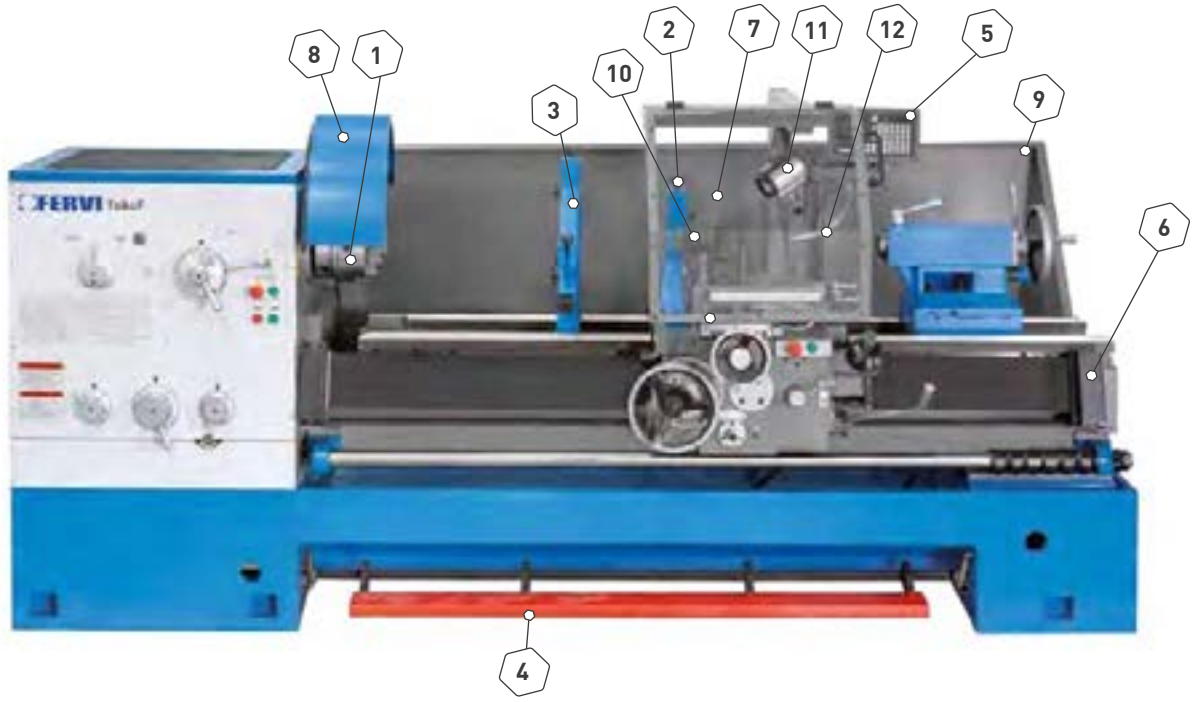





T080F20 NEW € 48060,00

GEAR HEAD LATHE WITH READ OUT

With mechanical spindle clutch and 3 axis read out, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base.



1. Self centering chuck 3+3 Ø 250 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. 3 Axis read out
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. Quick change tool post
11. Working lamp
12. Cooling system

Centers height	250 mm
Max swing over the bed	500 mm
Max swing over the cross slide	310 mm
Max swing over the gap	720 mm
Distance between centers	2000 mm
Spindle bore	80 mm
Spindle nose Camlock	Camlock D1-8
Spindle bore taper MT	7
Spindle speed	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm / giro
Cross feeds	0,027 ÷ 1,07 mm/giro
Metric threads	1 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	5
Motor	400V 50 Hz 7,5 kW
Net weight	3300 kg

INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 250 mm
- 4 indipendent jaw chuck Ø 320 mm
- Reduction sleeve MT 7/5
- Face plate Ø 400 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 5
- Live center MT 5
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

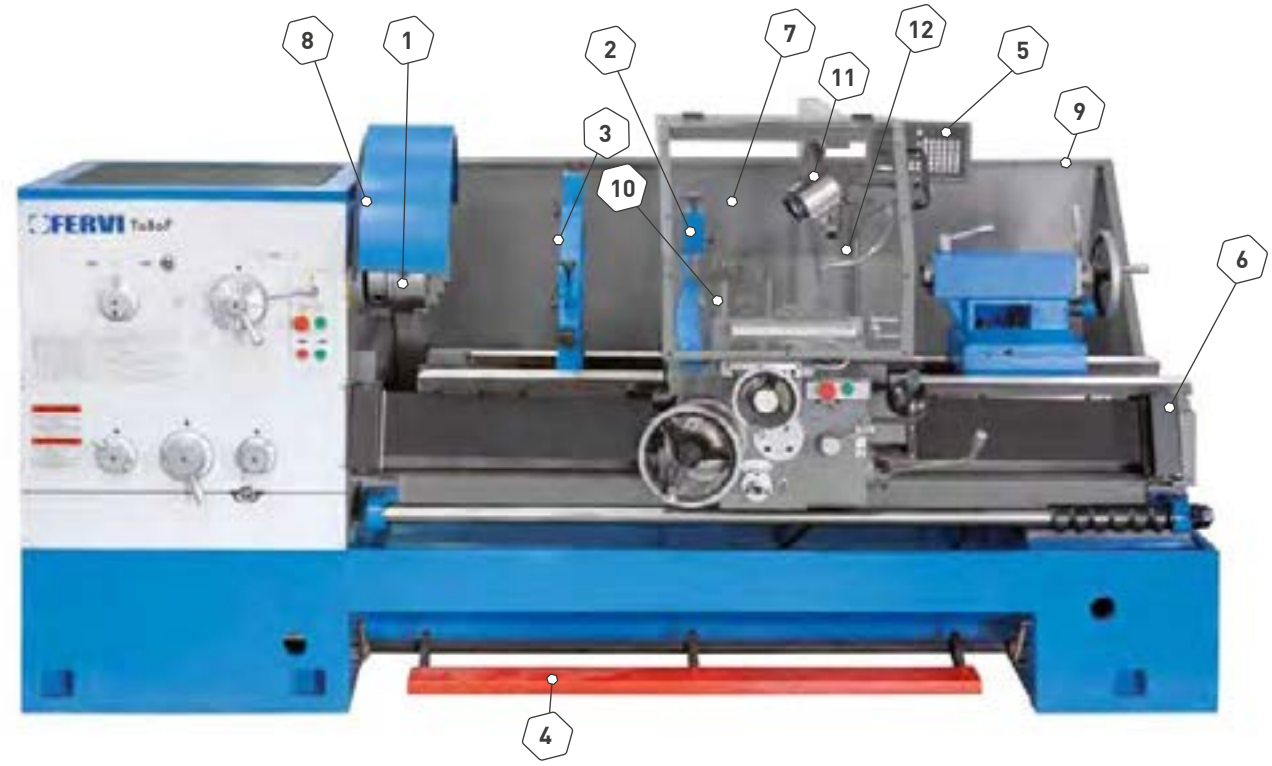





T080F — € 46100,00

GEAR HEAD LATHE WITH READ OUT

With mechanical spindle clutch and 3 axis read out, semi norton gear box. Equipped with a joystick for the insertion of rapid advances. With cast iron monobloc base.



1. Self centering chuck 3+3 Ø 250 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. 3 Axis read out
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. Quick change tool post
11. Working lamp
12. Cooling system

Centers height	250 mm
Max swing over the bed	500 mm
Max swing over the cross slide	310 mm
Max swing over the gap	720 mm
Distance between centers	1500 mm
Spindle bore	80 mm
Spindle nose Camlock	Camlock D1-8
Spindle bore taper MT	7
Spindle speed	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/rev
Cross feeds	0,027 ÷ 1,07 mm/rev
Metric threads	1 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	5
Motor	400V 50 Hz 7,5 kW
Dimensions	3000 x 1100 x 1700 h mm
Net weight	3250 kg

INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 250 mm
- 4 indipendent jaw chuck Ø 320 mm
- Reduction sleeve MT 7/5
- Face plate Ø 400 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 5
- Live center MT 5
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- Full length splash guard
- Italy style quick change tool post type C
- Working LED lamp
- Cooling system
- Electromechanical foot brake
- Tailstock carriage a quick locking
- Wagon gears in oil bath
- Adjustable leveling feet

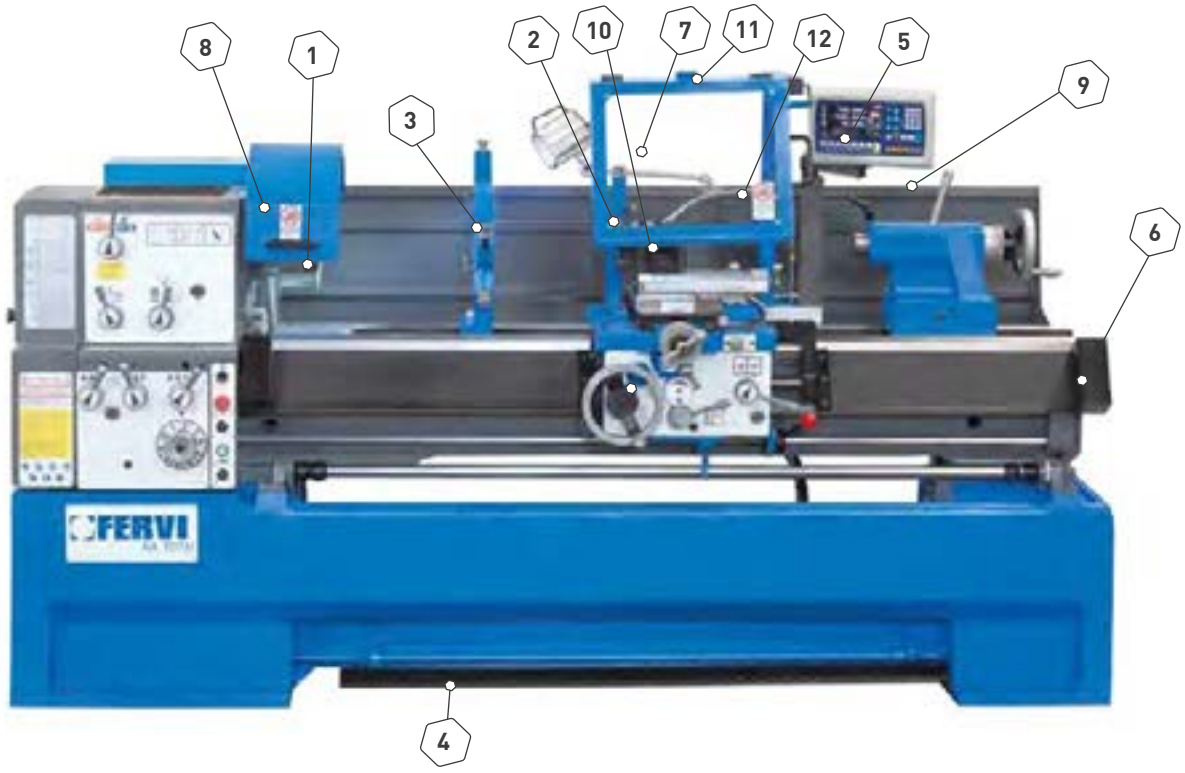





T075I — € 35880,00

GEAR HEAD LATHE WITH INVERTER

3-axis display with speed variation control, semi norton gearbox. With cast iron monobloc base. The computer-viewer varies the rotation speed according to the turned diameter.



1. Self centering chuck 3+3 Ø 250 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. 3 Axis read out
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. Quick change tool post
11. Working lamp
12. Cooling system

Centers height	230 mm
Max swing over the bed	460 mm
Max swing over the cross slide	270 mm
Max swing over the gap	690 mm
Distance between centers	1500 mm
Spindle bore	58 mm
Spindle nose Camlock	Camlock D1-6
Spindle bore taper MT	6
Variable spindle speed	(2) 30 ÷ 600 | 600 ÷ 2000 rpm
Longitudinal feeds	0,014 ÷ 0,784 mm/rev
Cross feeds	0,031 ÷ 1,7 mm/rev
Metric threads	0,1 ÷ 14 mm
Inch threads	2 ÷ 112 TPI
Tailstock taper MT	4
Motor	400V 50/60 Hz 5,5 kW
Dimensions	2750 x 1080 x 1650 h mm
Dimensions	2750 x 1080 x 1650 h mm
Net weight	1970 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 250 mm
- 4 independent jaw chuck Ø 250 mm
- Reduction sleeve MT 6/4
- Face plate Ø 350 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- Quick change tool post type B
- Working lamp
- Cooling system
- Electro-mechanic foot brake
- Turret guard
- Quick locking tailstock carriage
- Wagon gears in oil bath

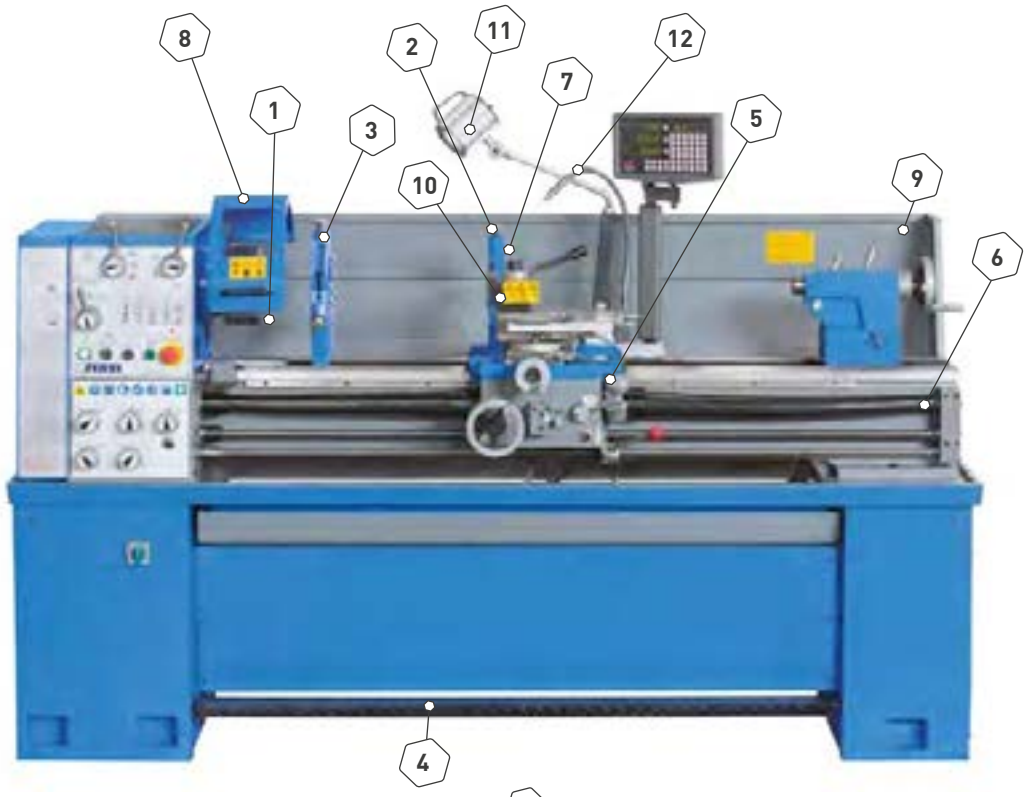





T070/400V3A15 € 15520,00

GEAR HEAD LATHE WITH READ OUT

With 2 speed motor and 3 axis read out, semi norton gear box. Turning bar with adjustable clutch.



1. Self centering chuck 3+3 Ø 200 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AB quick change tool post
11. Working lamp
12. Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Distance between centers	1500 mm
Spindle bore	55 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	(12) 45 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 / 2,4 kW
Dimensions	2360 x 760 x 1600 h mm
Net weight	1000 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- T0AB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Turret guard
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath

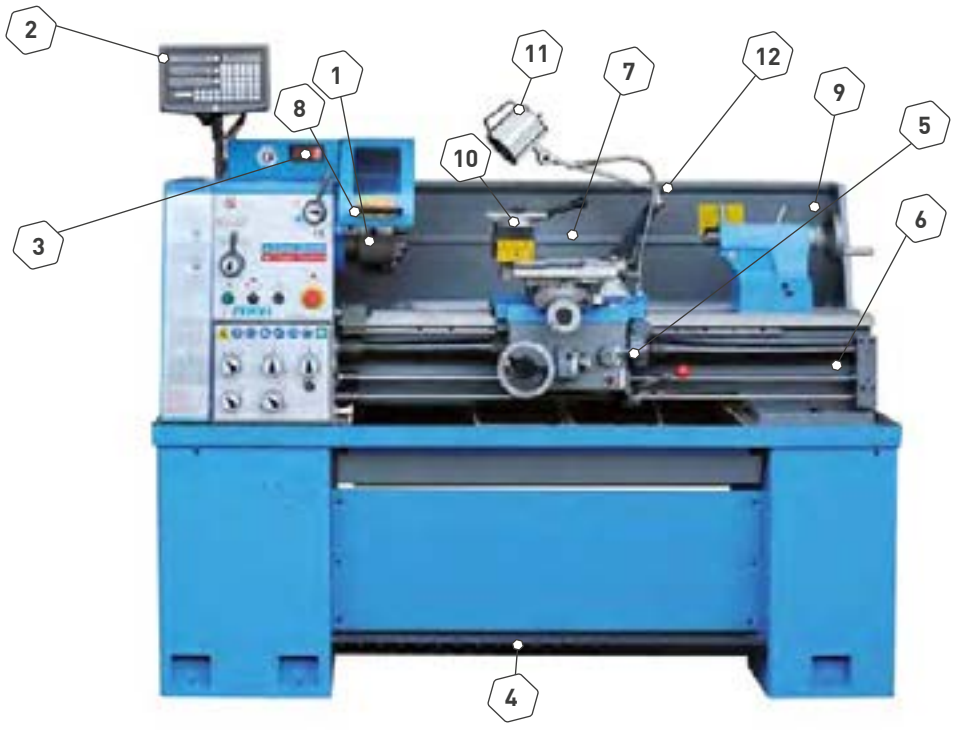





T070/400VI3A — € 15930,00

GEAR HEAD LATHE WITH INVERTER AND READ OUT

3 axis read out and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



1. Self centering chuck 3+3 Ø 200 mm
2. 3 Axis read out
3. Speed selector
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AB quick change tool post
11. Working lamp
12. Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Max swing over the gap	550 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Variable spindle speed	(2) 50 ÷ 1000 | 50 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 2,2 kW
Dimensions	1860 x 900 x 1650 h mm
Net weight	780 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- T0AB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Full length splash guard
- Clutch on turning bar
- Wagon gears in oil bath
- Quick locking tailstock carriage

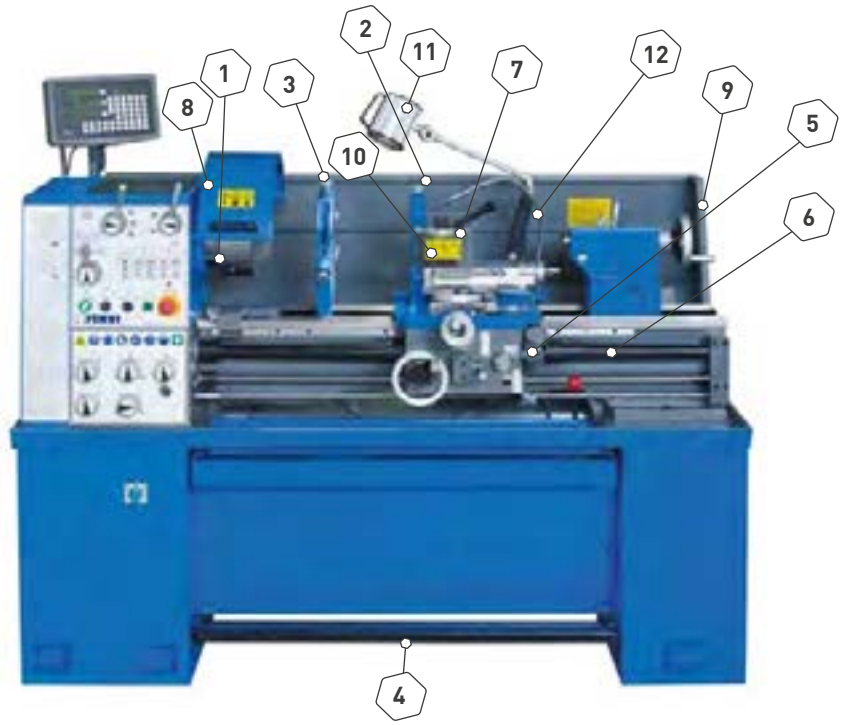





T070/400V3A — € 14380,00

GEAR HEAD LATHE WITH READ OUT

With 2 speed motor and 3 axis read out, semi norton gear box. Turning bar with adjustable clutch.



1. Self centering chuck 3+3 Ø 200 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AB quick change tool post
11. Working lamp
12. Cooling system

Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Max swing over the gap	550 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	(12) 45 ÷ 2000 rpm
Longitudinal feeds	0,06 ÷ 2,78 mm/rev
Cross feeds	0,01 ÷ 0,72 mm/rev
Metric threads	0,8 ÷ 14 mm
Inch threads	2 ÷ 28 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 / 2,4 kW
Dimensions	1860 x 800 x 1600 h mm
Net weight	760 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 independent jaw chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Turret guard
- Chuck safeguard
- Full length splash guard
- T0AB quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath

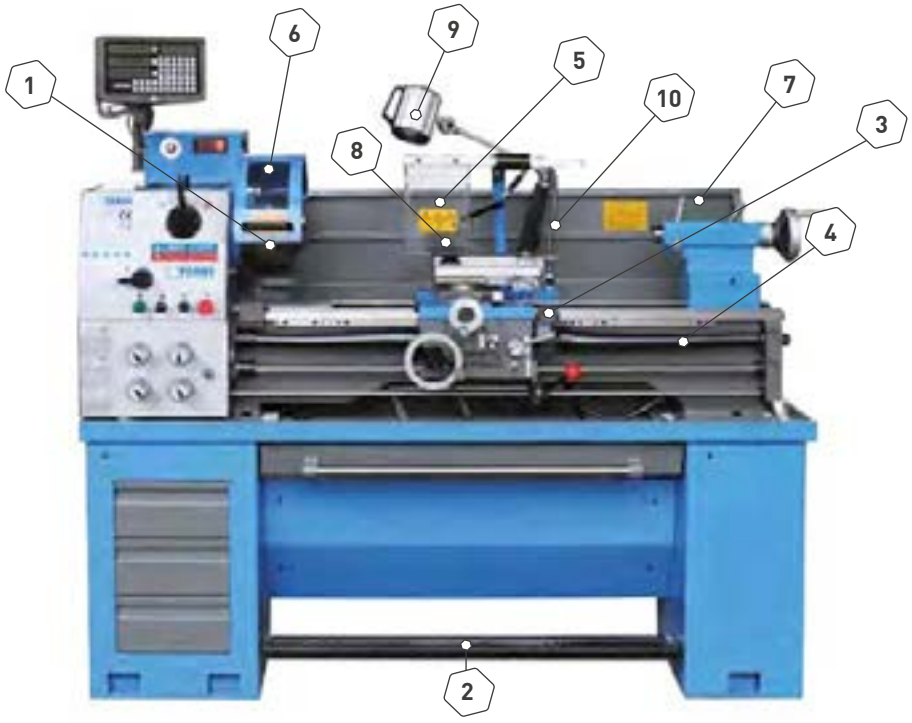





T069/400VI3A — € 13000,00

GEAR HEAD LATHE WITH INVERTER AND READ OUT

3 axis read out and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



1. Self centering chuck 3+3 Ø 200 mm
2. Foot brake
3. Thread dial
4. Leadscrew hood
5. Tool post safeguard
6. Chuck safeguard
7. Full length splash guard
8. T0AE quick change tool post
9. Working lamp
10. Cooling system

Centers height	190 mm
Max swing over the bed	380 mm
Max swing over the cross slide	225 mm
Max swing over the gap	503 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Variable spindle speed	(2) 70 ÷ 400 | 50 ÷ 2000 rpm
Longitudinal feeds	0,052 - 1,392 mm/rev
Cross feeds	0,014 - 0,380 mm/rev
Metric threads	0,4 - 7 mm
Inch threads	4 - 56 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 kW
Dimensions	1820 x 90 x 1650 h mm
Net weight	645 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Turret guard
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath





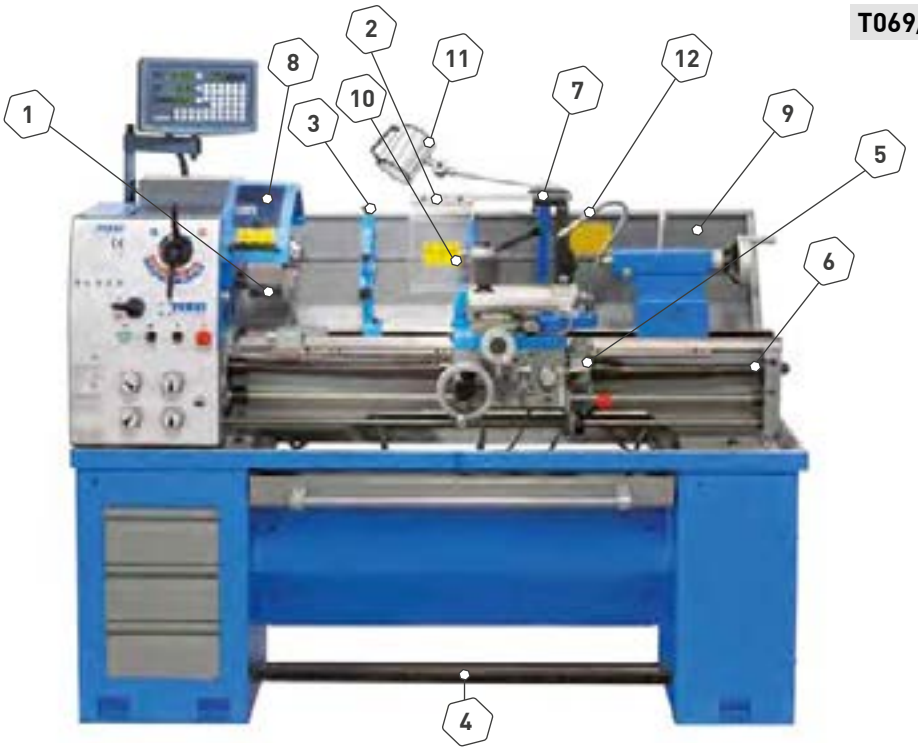

T069/400V3A € 11730,00

GEAR HEAD LATHE WITH READ OUT

3 axis read out and semi norton gear box. Turning bar with adjustable clutch.

T069/400V € 10690,00

WITHOUT READ OUT



1. Self centering chuck 3+3 Ø 200 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AE quick change tool post
11. Working lamp
12. Cooling system

Centers height	190 mm
Max swing over the bed	380 mm
Max swing over the cross slide	225 mm
Max swing over the gap	503 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	6
Spindle speed	70 ÷ 2000 rpm
Longitudinal feeds	0,052 ÷ 1,392 mm/rev
Cross feeds	0,014 ÷ 0,380 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	4
Motor	400V 50 Hz 1,5 kW
Dimensions	1800 x 800 x 1600 h mm
Net weight	640 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 4
- Live center MT 4
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working LED lamp
- Cooling system
- Turret guard
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath

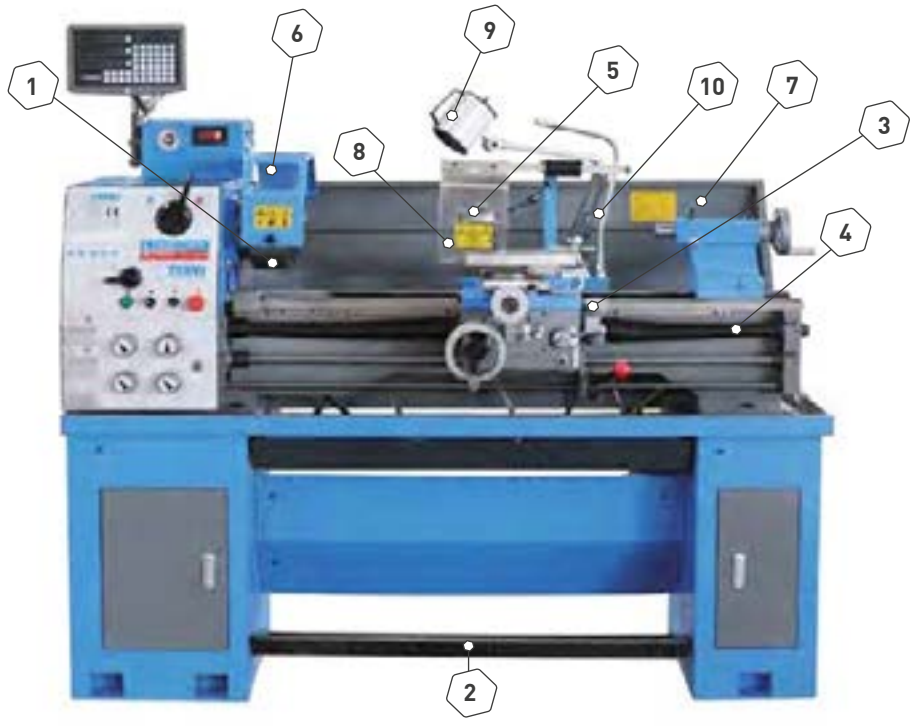





T998/400VI3A — € 11890,00

GEAR HEAD LATHE WITH INVERTER AND READ OUT

3 axis read out and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.



1. Self centering chuck 3+3 Ø 200 mm
2. Foot brake
3. Thread dial
4. Leadscrew hood
5. Tool post safeguard
6. Chuck safeguard
7. Full length splash guard
8. T0AE quick change tool post
9. Working lamp
10. Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	198 mm
Max swing over the gap	470 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	5
Variable spindle speed	(2) 70 ÷ 400 | 350 ÷ 2000 rpm
Longitudinal feeds	0.052 ÷ 1.392 mm/rev
Cross feeds	0.009 ÷ 0.253 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	3
Motor	400V 50 Hz 1,5 kW
Dimensions	1820 x 900 x 1650 h mm
Net weight	635 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Cooling system
- Turret guard
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath






T998/230V3A & T998/400V3A — € 10600,00

GEAR HEAD LATHE WITH READ OUT

3 axis read out, semi norton gear box. Turning bar with adjustable clutch.

T998/230V & T998/400V — € 9600,00

WITHOUT READ OUT



1. Self centering chuck 3+3 Ø 200 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AE quick change tool post
11. Working lamp
12. Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	198 mm
Max swing over the gap	470 mm
Distance between centers	1000 mm
Spindle bore	51 mm
Spindle nose Camlock	Camlock D1-5
Spindle bore taper MT	5
Spindle speed	(8) 70 ÷ 2000 rpm
Longitudinal feeds	0.052 ÷ 1.392 mm/rev
Cross feeds	0.009 ÷ 0.253 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,8 kW | 400 V 50 Hz 1,5 kW
Dimensions	1820 x 800 x 1320 h mm
Net weight	630 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 200 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 3
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Cooling system
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath





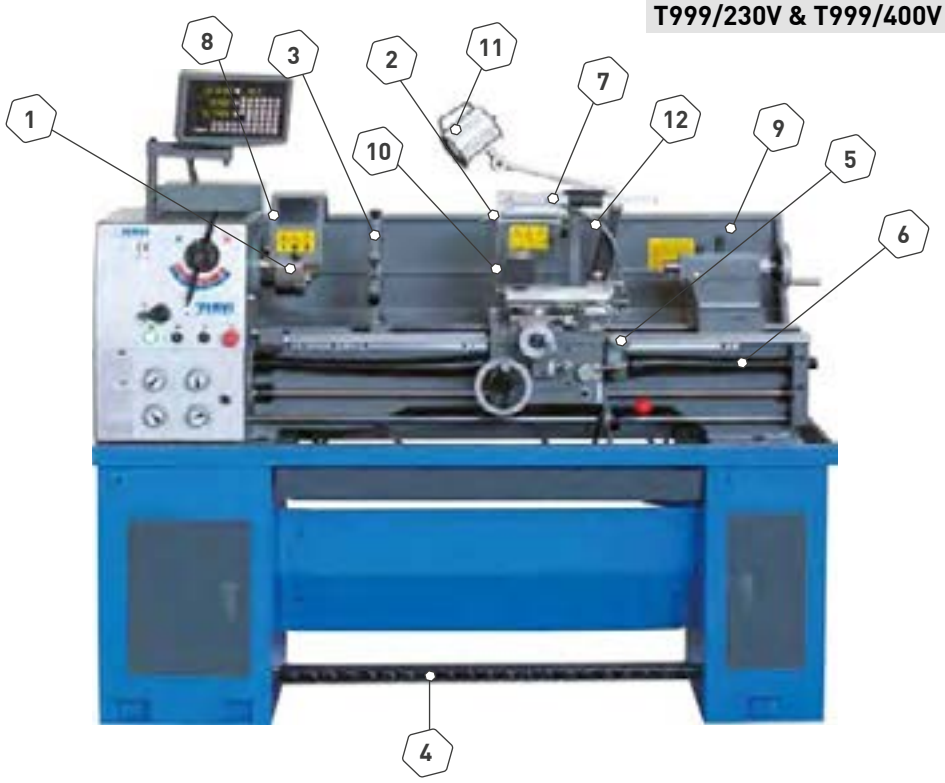

T999/230V3A & T999/400V3A — € 10120,00

GEAR HEAD LATHE WITH READ OUT

3 axis read out, semi norton gear box. Turning bar with adjustable clutch.

T999/230V & T999/400V — € 8880,00

WITHOUT READ OUT



1. Self centering chuck 3+3 Ø 160 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AE quick change tool post
11. Working lamp
12. Cooling system

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	198 mm
Max swing over the gap	470 mm
Distance between centers	1000 mm
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle bore taper MT	5
Spindle speed	(8) 70 ÷ 2000 rpm
Longitudinal feeds	0,052 ÷ 1,392 mm/rev
Cross feeds	0,009 ÷ 0,253 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,8 kW | 400 V 50 Hz 1,5 kW
Dimensions	1820 x 800 x 1320 h mm
Net weight	625 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- 2 x Dead center MT 3
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Cooling system
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath






T940/230VI3A € 10170,00

GEAR HEAD LATHE WITH INVERTER AND READ OUT

3 axis read out and semi norton gear box. Turning bar with adjustable clutch and rotation speed display.

T940/230VI € 8830,00
WITHOUT READ OUT



1. Self centering chuck 3+3 Ø 160 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AE quick change tool post
11. Working lamp

Centers height	160 mm
Max swing over the bed	340 mm
Max swing over the cross slide	180 mm
Max swing over the gap	460 mm
Distance between centers	940 mm
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle bore taper MT	5
Variable spindle speed	65÷ 1750 rpm
Longitudinal feeds	0,053 ÷ 1,291 mm/rev
Cross feeds	0,011 ÷ 0,276 mm/rev
Metric threads	0,4 ÷ 7 mm
Inch threads	4 ÷ 60 TPI
Tailstock taper MT	3
Tool height	16 mm
Motor	230 V 50/60 Hz 1.5 kW
Dimensions	1770 x 1400 x 670 mm
Net weight	530 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 240 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Quick locking tailstock carriage
- Wagon gears in oil bath






T940/230V & T940/400V — € 7480,00

GEAR HEAD LATHE

Semi norton gear box



1. Self centering chuck 3+3 Ø 160 mm
2. Follow rest
3. Steady rest
4. Foot brake
5. Thread dial
6. Leadscrew hood
7. Tool post safeguard
8. Chuck safeguard
9. Full length splash guard
10. T0AE quick change tool post
11. Working lamp

Centers height	150 mm
Max swing over the bed	300 mm
Max swing over the gap	480 mm
Max swing over the cross slide	173 mm
Distance between centers	940 mm
Spindle bore	38 mm
Spindle bore taper MT	5
Spindle speed	(9) 64 ÷ 1500 rpm
Longitudinal feeds	0,051 ÷ 0,303 mm/rev
Cross feeds	0,051 ÷ 0,303 mm/rev
Metric threads	0,5 ÷ 3,5 mm
Inch threads	7,5 ÷ 48 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW I 400 V 50 Hz 1,1 kW
Tool height	16 mm
Dimensions	600 x 1600 x 1270 h mm
Net weight	520 kg

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible indipendent jaws chuck Ø 200 mm
- Reduction sleeve MT 5/3
- Face plate Ø 240 mm
- Face plate Ø 200 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Live center MT 3
- Foot brake
- Thread dial
- Leadscrew hood
- Turret protection
- Chuck safeguard
- Full length splash guard
- T0AE quick change tool post
- Working lamp
- Quick locking tailstock carriage
- Wagon gears in oil bath

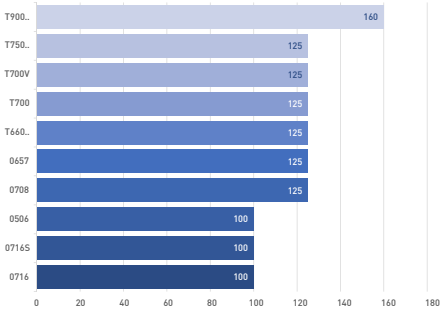




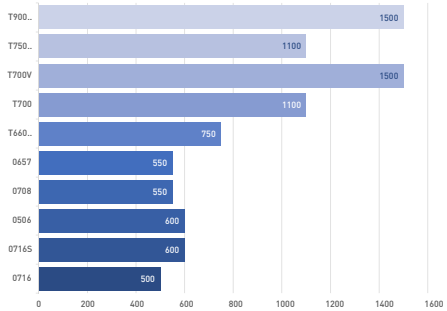

LATHES



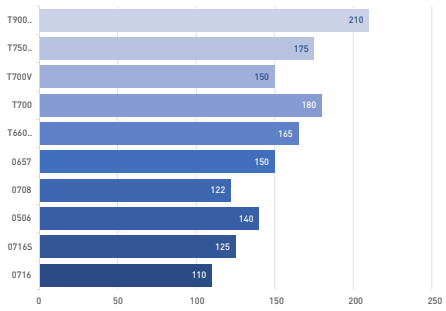
Spindle diameter (mm)



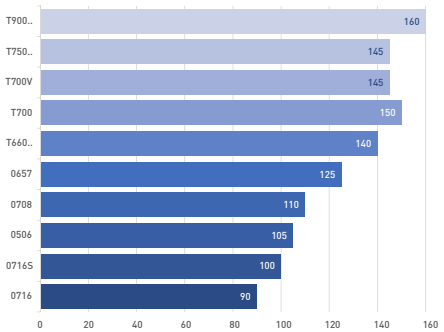
Power (W)



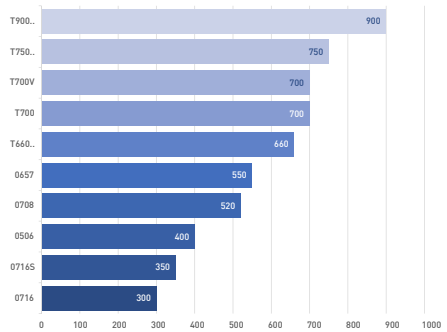
Max swing over the cross slide (mm)



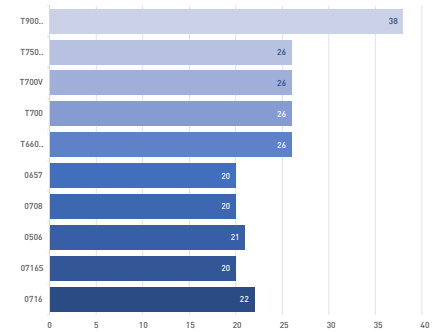
Centers height (mm)



Distance between centers (mm)



Spindle bore (mm)



T900I — € 7060,00

GEAR HEAD LATHE WITH INVERTER

Bench lathe semi norton gear box and belt drive, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible indipendent jaws chuck Ø 160 mm
- Face plate Ø 240 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AA
- LED light
- Quick locking tailstock carriage
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Distance between centers	900 mm
Spindle bore	38 mm
Spindle nose camlock	Camlock D1-4
Spindle bore taper MT	5
Variable spindle speed	75 ÷ 500 | 300 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Tool height	16 mm
Motor	230V 50/60 Hz 1.5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	360 kg





T900 — € 5960,00

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 160 mm
- 4 Reversible indipendent jaws chuck Ø 160 mm
- Face plate Ø 240 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AE
- LED light
- Quick locking tailstock carriage
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Distance between centers	900 mm
Spindle bore	38 mm
Spindle nose camlock	Camlock D1-4
Spindle bore taper MT	5
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Tool height	16 mm
Motor	230 V 50 Hz 1,5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	330 kg





T750I — € 6400,00

GEAR HEAD LATHE WITH INVERTER

Bench lathe semi norton gear box and belt drive, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible indipendent jaws chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AE
- LED light

Centers height	145 mm
Max swing over the bed	290 mm
Max swing over the cross slide	175 mm
Distance between centers	750 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Variable spindle speed	75 ÷ 500 / 300 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	Three-phased 230 V 1.1 kW
Single-phase power supply	230 V 50 / 60 Hz
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg





T750 — € 5310,00

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible indipendent jaws chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 5
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard with micro switch
- Full length splash guard
- Quick change tool post T0AE
- LED light
- Quick stop tailstock with a swing of 75 mm
- Saddle gears in oil

Centers height	145 mm
Max swing over the bed	290 mm
Max swing over the cross slide	175 mm
Distance between centers	750 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 1,0 mm/rev
Cross feeds	0,0017 ÷ 0,25 mm/rev
Metric threads	(18) 0,2 ÷ 3,5 mm
Inch threads	(21) 8 ÷ 56 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg





T700V — € 5390,00

VARIABLE SPEED PARALLEL GEAR LATHE

Bench lathe semi norton gear box and variable speed, longitudinal and cross feeds, turning leadscrew, partially assembled bench with 3 drawers and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible indipendent jaws chuck Ø 125 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock with a swing of 85 mm
- Saddle gears in oil

Centers height	145 mm
Max swing over the bed	290 mm
Max swing over the cross slide	150 mm
Distance between centers	700 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Variable spindle speed	50 ÷ 1000 rpm |110 ÷ 2000 rpm
Longitudinal feeds	0,07 ÷ 0,65 mm/rev
Cross feeds	0,03 ÷ 0,12 mm/rev
Metric threads	0,2 ÷ 3,5 mm
Inch threads	8 ÷ 56 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 1,5 kW
Dimensions	1129 x 690 x 1127 mm
Net weight	270 kg





T700 — € 4670,00

GEAR HEAD LATHE

Bench lathe semi norton gear box and belt speed, change, longitudinal and cross feeds, turning, leadscrew, partially assembled bench with 3 drawers, and cabinet. Turning bar with adjustable clutch.



INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- 4 Reversible indipendent jaws chuck Ø 125 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Clutch on turning bar
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock with a swing of 85 mm
- Saddle gears in oil

Centers height	150 mm
Max swing over the bed	290 mm
Max swing over the cross slide	180 mm
Distance between centers	700 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Spindle speed	(6) 150 ÷ 2000 rpm
Longitudinal feeds	0,085 ÷ 0,832 mm / rev
Cross feeds	0,01 ÷ 0,10 mm / rev
Metric threads	0,2 ÷ 3,5 mm
Inch threads	8 ÷ 48 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 1.1 kW
Dimensions	1270 x 610 x 1320 h mm
Net weight	270 kg





T660I — € 5550,00

BENCH LATHE WITH VARIABLE SPEED INVERTER

Semi norton gear box, partially assembled bench



INCLUDED ACCESSORIES

- 3+3 self centering chuck Ø 125 mm
- 4 Reversible indipendent jaw chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Live center MT 2
- Thread dial
- Leadscrew hood
- Turret safeguard
- Chuck safeguard
- Splash guard
- T0AA quick change tool post

Centers height	140 mm
Max swing over the bed	280 mm
Max swing over the cross slide	165 mm
Distance between centers	660 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Variable spindle speed	100 ÷ 2000 rpm
Longitudinal feeds	0,063 ÷ 0,35 mm/rev
Metric threads	0,25 ÷ 3,5 mm
Inch threads	8 ÷ 72 TPI
Tailstock taper MT	2
Motor	230 V 50/60 Hz 0.75 kW
Dimensions	1325 x 550 x 1230 mm
Net weight	216 kg





T660 — € 4150,00

BENCH LATHE

Semi norton gear box and belt speed change, partially assembled bench



INCLUDED ACCESSORIES

- 3+3 self centering chuck Ø 125 mm
- 4 Reversible indipendent jaw chuck Ø 160 mm
- Face plate Ø 200 mm
- Flange for 4-jaw chuck Ø 160 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Dead center MT 4
- Live center MT 2
- Thread dial
- Leadscrew hood
- Chuck safeguard
- Splash guard
- T0AA quick change tool post

Centers height	140 mm
Max swing over the bed	280 mm
Max swing over the cross slide	165 mm
Distance between centers	660 mm
Spindle bore	26 mm
Spindle bore taper MT	4
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,063 ÷ 0,35 mm/rev
Metric threads	0,25 ÷ 3,5 mm
Inch threads	8 ÷ 72 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 0,75 kW
Dimensions	1325 x 550 x 1230 mm
Net weight	216 kg





0657 — € 2850,00

BENCH LATHE

With mill table device, belt speed change

INCLUDED ACCESSORIES

- 3+3 self centering chuck Ø 125 mm
- Dead center MT 2
- Dead center MT 3
- Leadscrew hood
- Turret safeguard
- Chuck safeguard
- Splash guard
- 4 side fix tool post 12 mm
- Quick stop tailstock



Centers height	125 mm
Max swing over the bed	250 mm
Max swing over the cross slide	150 mm
Distance between centers	550 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Tailstock taper MT	2
Spindle speed	(6) 125 ÷ 2000 rpm
Longitudinal feeds	0,1 - 0,2 mm/rev
Metric threads	0,4 ÷ 3,5 mm
Inch threads	18 ÷ 44 TPI
Motor	230 V 50 Hz 0,55 kW
Dimensions	1120 x 480 x 460h mm
Net weight	145 kg





0708 — € 2330,00

GEAR BENCH LATHE

With speed change by gears, morse tapered spindle bearings, adjustable signs, leadscrew hood, chuck guard with microswitch

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 125 mm
- Follow rest
- Dead center MT2
- Dead center MT3
- Thread dial
- Leadscrew hood
- Turret safeguard with micro switch
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 12 mm



Centers height	110 mm
Max swing over the bed	200 mm
Max swing over the cross slide	122 mm
Distance between centers	520 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Spindle speed	(6) 170 ÷ 1950 rpm
Longitudinal feeds	0,04 ÷ 0,20 mm/rev
Metric threads	0,25 ÷ 3 mm
Inch threads	8 ÷ 48 TPI
Tailstock taper MT	2
Motor	230 V 50 Hz 0,55 kW
Dimensions	1080 x 440 x 400h mm
Net weight	130 kg




0506 — € 2120,00

BENCH LATHE

Mini lathe with automatic longitudinal feeds and variable speed shown on digital display. With metal gears.

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 100 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Live center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Leadscrew hood
- Full length splash guard
- 4 side fix tool post 10 mm
- Quick stop tailstock



Centers height	105 mm
Max swing over the bed	210 mm
Max swing over the cross slide	140 mm
Distance between centers	400 mm
Spindle bore	21 mm
Spindle bore taper MT	3
Variable spindle speed	50 ÷ 1100 rpm | 100 ÷ 2500 rpm
Longitudinal feeds	0.083 ÷ 0.175 mm / giro
Metric threads	(9) 0,5 ÷ 2,5 mm
Tailstock taper MT	2
Motor	230 V 50 Hz 0,6 kW
Dimensions	780 x 300 x 340 h mm
Net weight	49 kg





0716S — € 1870,00

MINI LATHE

Mini lathe with automatic longitudinal feeds and variable speed shown on digital display

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 100 mm
- Flange Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 10 mm









Centers height	100 mm
Max swing over the bed	170 mm
Max swing over the cross slide	125 mm
Distance between centers	350 mm
Spindle bore	20 mm
Spindle bore taper MT	3
Variable spindle speed	(2) 100 ÷ 1100 | 200 ÷ 2500 rpm
Metric threads	0,5 ÷ 2,5 mm
Tailstock taper MT	2
Motor	230 V 50 Hz 0,6 kW
Dimensions	750 x 245 x 290 h mm
Net weight	46 kg

0716 — € 1680,00

MINI LATHE

With automatic longitudinal feeds and variable speed shown on digital display

INCLUDED ACCESSORIES

- 3+3 jaw self centering chuck Ø 100 mm
- Flange Ø 125 mm
- Follow rest
- Steady rest
- Dead center MT 2
- Thread dial
- Turret safeguard
- Chuck safeguard
- Full length splash guard
- 4 side fix tool post 10 mm









Centers height	90 mm
Max swing over the bed	170 mm
Max swing over the cross slide	110 mm
Distance between centers	300 mm
Spindle bore	22 mm
Spindle bore taper MT	3
Spindle speed	(2) 100 ÷ 1100 | 200 ÷ 2500 rpm
Metric threads	0,5 ÷ 2,5 mm / giro
Tailstock taper MT	2
Motor	230 V 50 Hz 0,5 kW
Dimensions	730 x 290 x 280 h mm
Net weight	40 kg

0657/B — € 446,00

BENCH LATHE STAND

Not assembled bench lathe stand



Dimensions	1050 x 433 x 720h mm
Net weight	36,5 kg

0710 — € 327,00

BENCH LATHE STAND

Partially assembled bench lathe stand



Dimensions	1050 x 320 x 725h mm
Net weight	21 kg

0716/B — € 308,00

BENCH LATHE STAND

Completely made in sheet metal, bench lathe stand, locking without key, inner shelf.



Dimensions	760 x 240 x 680h mm
Slot distance	475 x 70 mm
Internal shelf height	405 mm
Net weight	24,00 kg



DRILLING MILLING MACHINES

F060/..



F050/..



T073



T047/..



T044/..



T052/..



T046



T045



T059/28V



T059/16V



T061A

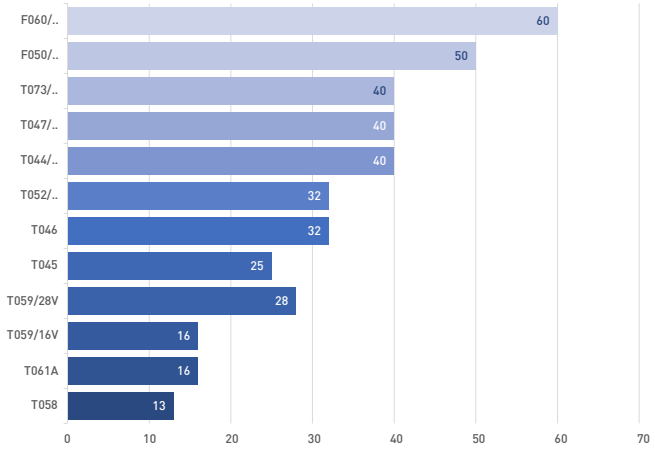


T058

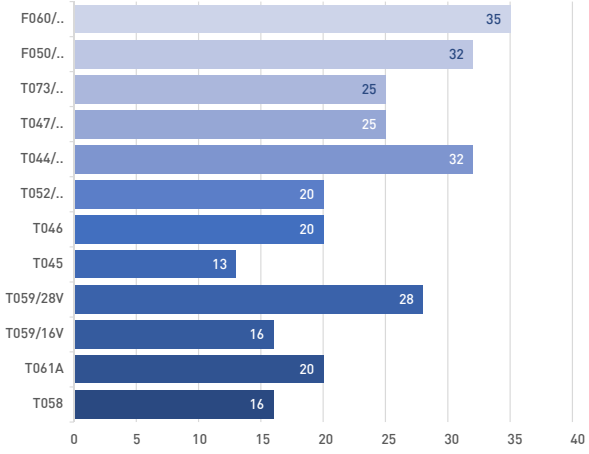


DRILLING MILLING MACHINES

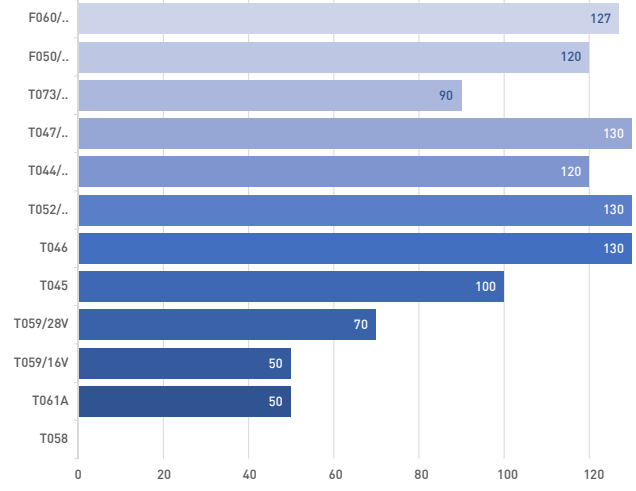
Max drilling capacity (mm)



End milling cutter max (mm)



Spindle travel (mm)



Junction

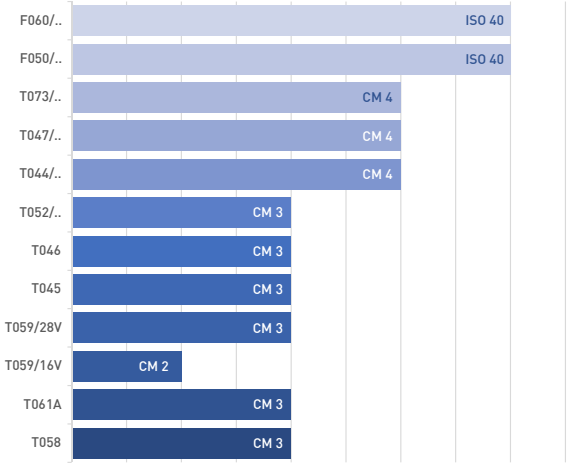
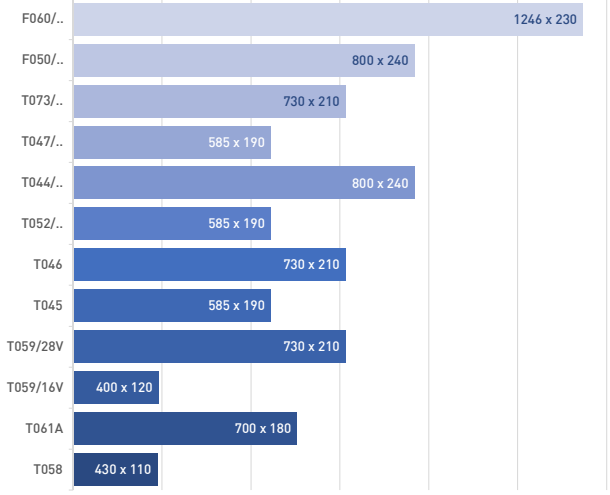
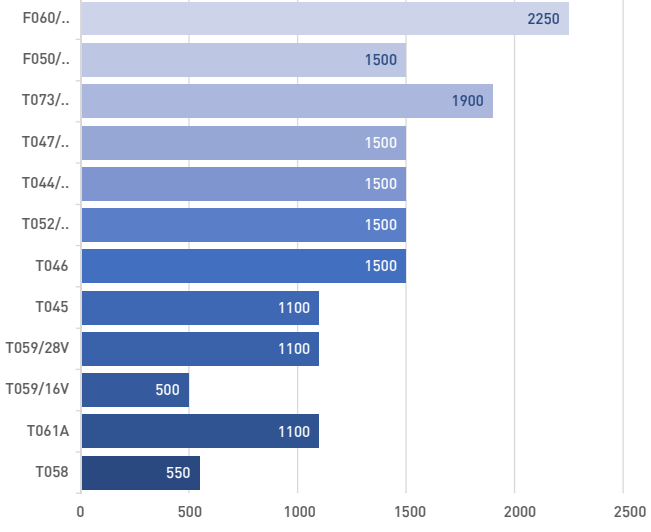


Table dimensions (mm)



Power (W)



F060I — € 23620,00

INVERTER VERTICAL MILLING MACHINE

ISO 40, motorized cross table on all axes, 3 axis read out and japanese inverter.

INCLUDED ACCESSORIES

- Base with chip tank
- Refrigeration plant
- LED lamp
- Display for viewing the rotation speed
- 3-axis viewer
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump



Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	24 mm
Spindle nose Camlock	ISO 40 - DIN 2080
Quill	86 mm
Spindle travel	127 mm
Head tilt left and right	± 45°
Vertical head rotation	± 90°
Head body rotation	± 180°
Variable spindle speed	60 ÷ 3600 rpm
Motor	400 V 50 Hz 2.25 kW
Table movement motor	110V 50Hz 0.3 KW
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg





F060V — € 20610,00

VERTICAL MILLING MACHINE WITH MECHANICAL SPEED VARIATOR

Variable speed, ISO 40, motorized cross table on all axes, 3 axis read out.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- Mechanical speed indicator
- 3 Axis DRO
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump



Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	24 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	86 mm
Spindle travel	120 mm
Head tilt left and right	± 45°
Vertical head rotation	± 90°
Head body rotation	± 180°
Vertical spindle speeds	(2) 60 ÷ 500 |500 ÷ 3600 rpm
Motor	400 V 50 Hz 2.25 kW
Table movement motor	110V 50Hz 0.3 KW
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg





F060 — € 18650,00

VERTICAL MILLING MACHINE

ISO40, motorized cross table on all axes, 3 axis read out, belt gearbox

INCLUDED ACCESSORIES

- Base with chip tank
- Coolant system
- LED Lamp
- 3 Axis DRO
- Variable speed motorized axes with rapid function
- Round table flyers with neutral function
- Guide lubrication system with manual pump



Face milling cutter max	100 mm
End milling cutter max	35 mm
Max drilling capacity on cast iron with pre-drilling hole	60 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	24 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	86 mm
Spindle travel	120 mm
Head tilt left and right	±45°
Vertical head rotation	±90°
Head body rotation	± 180°
Vertical spindle speeds	(2) 80 ÷ 650 | 660 ÷ 5440 rpm
Motor	400 V 50 Hz 2,25 kW
Table movement motor	110V 50Hz 0.3 KW
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215-450 mm
Table dimensions	1246 x 230 mm
Longitudinal axis	850 mm
Cross axis	310 mm
Slot	16 mm
Dimensions	1680 x 1500 x 2100 h mm
Net weight	1000 kg





F050U — € 12800,00

UNIVERSAL MILLING MACHINE

Vertical and horizontal milling machine, ISO 40, motorized one axis cross table, 3 axis read out. Gear transmission for vertical spindle and belt transmission for horizontal spindle.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160mm
- ISO40 ER32 8 Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT 3
- Key Type Drill Chuck 3-16mm B18
- Drill Arbor ISO40 B18
- Horizontal Milling Arbors 2 Pcs
- Draw Bars M16 ISO40 2 Pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function



Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 45°
Head body rotation	± 180°
Vertical spindle speeds	(8) 115 ÷ 1750 rpm
Horizontal spindle speeds	(9) 60 ÷ 1350 rpm
Motor	400 V 50 Hz 0.85 - 1.5 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	60 - 360 mm
Distance spindle axis - column surface	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Dimensions	1380 x 1200 x 2100 h mm
Net weight	930 kg





F050I — € 14090,00

INVERTER MILLING MACHINE

Japanese inverter, vertical milling machine, ISO 40, motorized one axis cross table, 3 axis read out.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160mm
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16mm/B18
- Drill Arbor ISO40 B18
- Draw Bars M16 2 pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function



Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 180°
Head body rotation	± 90°
Variable spindle speed	100 ÷ 2000 rpm
Motor	400 V 50 Hz 2,2 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance spindle axis - column surface	60 - 360 mm
Distance between spindle nose and table	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Dimensions	1380 x 1200 x 2100
Net weight	930 kg





F050 — € 11740,00

MILLING MACHINE

Vertical milling machine, ISO 40, motorized one axis cross table, 3 axis read out.

INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- 3 Axis DRO
- Machine vise 160mm
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16mm/B18
- Drill Arbor ISO40 B18
- Draw Bars M16 ISO40 2 Pcs
- Motorized longitudinal axis with gears with quick movements
- Round table flyers with neutral function



Face milling cutter max	100 mm
End milling cutter max	32 mm
Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	30 mm
Spindle nose Camlock	ISO40 DIN2080
Quill	90 mm
Spindle travel	120 mm
Vertical head rotation	± 45°
Head body rotation	± 180°
Variable spindle speed	(8) 115 ÷ 1750 rpm
Motor	400 V 50 Hz 0,85 - 1,5 kW
Table movement motor	400V 50Hz 0.325 KW
Base dimensions	510 x 900 mm
Cooling pump	400V 50 Hz 0.4 KW
Distance between spindle nose and table	60 - 360 mm
Distance spindle axis - column surface	250 - 650 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Dimensions	1380 x 1200 x 2100
Net weight	930 kg





T047/400VDA — € 5070,00

GEARED MILLING DRILLING MACHINE

Reversible geared milling drilling machine, with automatic down feed, coolant system and reverse rotation

INCLUDED ACCESSORIES

- Self-locking chuck 1 ÷ 13 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys



Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Drilling capacity:Steel C60	Ø 32 mm
Face milling cutter max	Ø 80 mm
End milling cutter max	Ø 25 mm
Tapping capacity	Ø 22 mm
Spindle taper	CM 4
Chuck sizes	1 - 16mm B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 76 mm
Column	Ø 115 mm
Head tilt left and right	± 60°
Manual vertical feed division	0.02 mm
Feed range	(3) 0,1 - 0,18 - 0,26 mm/g
Distance between spindle nose and table	715 mm
Distance spindle axis - column surface	260 mm
Table dimensions	585 x 190 mm
Slot	14 mm
Longitudinal travel	360 mm
Cross travel	250 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Motor	400 V 50 Hz 1,1 - 1,5 kW
Dimensions	740 x 790 x 1960 h mm
Net weight	365 kg







T047/230V & T047/400V — € 4750,00

GEARED MILLING DRILLING MACHINE

Reversible with coolant system and temporised tapping

INCLUDED ACCESSORIES

- Self-locking chuck 1 ÷ 13 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys



Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Drilling capacity:Steel C60	Ø 32 mm
Face milling cutter max	Ø 80 mm
End milling capacity	Ø 25 mm
Tapping capacity	Ø 22 mm
Spindle taper	CM 4
Spindle speed	(6) 75 ÷ 1600 rpm I (12) 75 ÷ 3200 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 76 mm
Column	Ø 115 mm
Head tilt left and right	± 60°
Manual vertical feed division	0.02 mm
Distance spindle axis - column surface	260 mm
Distance between spindle nose and table	715 mm
Table dimensions	585 x 190 mm
Slot	12 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Motor	230 V 50 Hz 1,5 kW I 400 V 50 Hz 1,1 - 1,5 kW
Cooling pump	230v 50 Hz 0.4 KW I 400v 50 Hz 0.4 KW
Dimensions	740 x 790 x 1960h mm
Net weight	355 kg







T044/230V & T044/400V — € 4540,00

GEARED DRILLING MILLING MACHINE

Square column and dovetail guides, timed reversing, tapping



INCLUDED ACCESSORIES

- Chuck with key 1 ÷ 16 B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole (s235jr)	Ø 45 mm
Face milling cutter max	Ø 80 mm
End milling capacity	Ø 32 mm
Tapping capacity	Ø 22 mm
Spindle taper	CM 4
Chuck sizes	1 - 16 mm B16
Spindle speed	(6) 95 ÷ 1600 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Head tilt left and right	± 60°
Manual vertical feed division	0,02 mm
Distance spindle axis - column surface	240 mm
Max distance spindle nose - table	460 mm
Table dimensions	800 x 240 mm
Slot	14 mm
Longitudinal axis	560 mm
Cross axis	190 mm
Base dimensions	405 x 630 mm
Motor	230 V 50 Hz 1,5 kW I 400 V 50 Hz 1,5 kW
Net weight	300 kg





T059/28V — € 4050,00

GEARED DRILLING MILLING MACHINE

Variable speed, with digital display of spindle speed and digital display of depth

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Spindle drilled MT 3
- Oilcan
- Draw bar M12
- Service wrenches







Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Face milling cutter max	Ø 63 mm
End milling capacity	Ø 28 mm
Spindle taper	CM 3
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2500 rpm ±10%
Spindle rotation	L - R
Spindle stroke	70 mm
Quill	70 mm
Headstock travel	380 mm
Head tilt left and right	±90°
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	190 mm
Cross axis	440 mm
Motor	230 V 50 Hz 1,1 kW
Net weight	270 kg

T061A — € 3150,00

GEARED DRILLING MILLING MACHINE

Variable speed, equipped with light system, chuck speed digital display, depth's digital display

Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Face milling cutter max	Ø 63 mm
End milling capacity	Ø 20 mm
Spindle taper	CM 3
Chuck sizes	1 - 16 mm B16
Variable spindle speed	I 30 ÷ 1650 rpm ±10% | II 2° 40 ÷ 2850 rpm ±10%
Spindle stroke	50 mm
Spindle rotation	Dx - Sx
Quill	50 mm
Headstock travel	290 mm
Head tilt left and right	±90°
Distance between spindle nose and table	350 mm
Table dimensions	700 x 180 mm
Slot	12 mm
Longitudinal axis	175 mm
Cross axis	490 mm
Motor	230 V 50 Hz 1,1 kW
Net weight	120 kg

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B16
- Drill chuck shank with hole MT 3
- Oilcan
- Draw bar M12
- Service wrenches









T059/16V — € 2110,00

GEARED DRILLING MILLING MACHINE

With variable speed

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank with hole MT 2
- Oilcan
- Draw bar M10
- Service wrenches

Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Face milling cutter max	Ø 50 mm
End milling capacity	Ø 16 mm
Spindle taper	CM 2
Chuck sizes	1 - 13 mm B16
Spindle speed	I 100 ÷ 1500 rpm ±10% | II 200 ÷ 3000 rpm ±10%
Spindle stroke	50 mm
Spindle rotation	Dx
Headstock travel	210 mm
Head tilt left and right	±90°
Table dimensions	400 x 120 mm
Slot	10 mm
Longitudinal axis	160 mm
Cross axis	220 mm
Motor	230 V 50 Hz 500 W
Net weight	72 kg









T058 — € 1700,00

GEARED DRILLING MILLING MACHINE

With variable speed

INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Drill chuck shank with hole MT 3
- Oilcan
- Tie rod M12
- Service wrenches

Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 13 mm
Face milling cutter max	Ø 30 mm
End milling capacity	Ø 16 mm
Spindle taper	CM 3
Chuck sizes	3 - 16 mm B16
Spindle speed	I 50 ÷ 1100 rpm ±10% | II 120 ÷ 2500 rpm ±10%
Spindle rotation	Dx
Headstock travel	210 mm
Head tilt left and right	±45°
Table dimensions	430 x 110 mm
Distance between spindle nose and table	290 mm
Slot	12 mm
Longitudinal axis	130 mm
Cross axis	250 mm
Motor	230 V 50 Hz 0,55 kW
Net weight	70 kg









T073DA — € 9540,00

FLOOR DRILLING MILLING MACHINE

With belt drive, down speed, reversible, cooling system.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Coolant system
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	25 mm
Tapping capacity	24 mm
Spindle taper	CM 4
Chuck sizes	1 - 13 mm B16
Spindle speed	100 - 2200 rpm
Spindle travel	90 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Feed range	(3) 0,05 - 0,1 - 0,2 mm/rev
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	125 ÷ 525 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	480 mm
Cross axis	220 mm
Base dimensions	470 x 680 mm
Motor	400 V 50 Hz 1,1 / 1,9 kW
Cooling pump	400 V 50 Hz 0.9 KW
Dimensions	850 x 1100 x 1900h mm
Net weight	420 kg









T073 — € 7770,00

FLOOR DRILLING MILLING MACHINE

With belt drive, reversible, cooling system.

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Spindle taper shank MT 4 Ø 27 mm
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- Coolant system
- Tie rod M16
- Service keys

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	25 mm
Tapping capacity	24 mm
Spindle taper	CM 4
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2200 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	125 ÷ 525 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	480 mm
Cross axis	220 mm
Base dimensions	470 x 680 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	850 x 1100 x 1900h mm
Net weight	410 kg









T052/400VDA — € 4590,00

FLOOR DRILLING MILLING MACHINE

With down feed, rotation selection and drive belt



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B16
- Spindle drilled MT 3
- Spindle taper shank MT 3 Ø 27 mm
- Reduction sleeve MT 3/2
- Coolant system
- Oilers
- Tie rod M12
- Service keys

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	CM 3
Chuck sizes	1 - 13 mm B16
Spindle speed	125 ÷ 2500 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	75 mm
Column	115 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Feed range	0,12 – 0,18 – 0,25 mm/g
Distance spindle axis - column surface	197 mm
Distance between spindle nose and table	600 mm
Table dimensions	585 x 190 mm
Slot	12 mm
Longitudinal axis	180 mm
Cross axis	380 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,5 kW
Cooling pump	400v 50 Hz 0.4 KW
Dimensions	928 x 910 x 1700h mm
Net weight	310 kg





T052/400V — € 3950,00

FLOOR DRILLING MILLING MACHINE

With rotation selection and drive belt



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 B16
- Spindle drilled MT 3
- Reduction sleeve MT 3/2
- Coolant system
- Oilers
- Tie rod M12
- Service keys

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	CM 3
Chuck sizes	1 - 13 mm B16
Spindle speed	125 ÷ 2500 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Column	115 mm
Quill	75 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	197 mm
Distance between spindle nose and table	600 mm
Table dimensions	585 x 190 mm
Slot	12 mm
Longitudinal axis	180 mm
Cross axis	380 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,5 kW
Cooling pump	400v 50 Hz 0.4 KW
Dimensions	928 x 910 x 1700h mm
Net weight	300 kg





T046 — € 3420,00

DRILLING MILLING MACHINE

With rotation selection and drive belt

Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Face milling cutter max	80 mm
End milling cutter max	20 mm
Spindle taper	CM 3
Chuck sizes	1 - 13 mm B16
Spindle speed	100 ÷ 2080 rpm
Spindle travel	130 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 115 mm
Headstock travel	405 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	200 mm
Distance between spindle nose and table	457 mm
Table dimensions	730 x 210 mm
Slot	14 mm
Longitudinal axis	175 mm
Cross axis	500 mm
Motor	230 V 50 Hz 1,5 kW
Base dimensions	400 x 600 mm
Net weight	250 kg

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 B16
- Spindle drilled MT 3
- Spindle taper shank MT 3 Ø 27 mm
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M12
- Service keys









T045 — € 2770,00

DRILLING MILLING MACHINE

With rotation selection and drive belt

Max drilling capacity on steel with pre-drilling hole(s235jr)	25 mm
Face milling cutter max	63 mm
End milling cutter max	13 mm
Spindle taper	CM 3
Chuck sizes	1 - 13 mm B16
Spindle speed	90 ÷ 2150 rpm
Spindle travel	100 mm
Spindle rotation	Dx
Quill	Ø 62 mm
Column	Ø 92 mm
Headstock travel	400 mm
Manual vertical feed division	0,03 mm
Distance spindle axis - column surface	200 mm
Distance between spindle nose and table	380 mm
Table dimensions	585 x 190 mm
Slot	14 mm
Longitudinal axis	160 mm
Cross axis	370 mm
Base dimensions	310 x 500 mm
Motor	230 V 50 Hz 1,1 kW
Net weight	195 kg

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 B16
- Spindle drilled MT 3
- Spindle taper shank MT 3 Ø 22 mm
- Reduction sleeve MT 3/2
- Oilers
- Tie rod M12
- Service keys



0599 — € 384,00

UNIVERSAL BENCH FOR DRILLING MILLING MACHINES

With tool compartment and lock

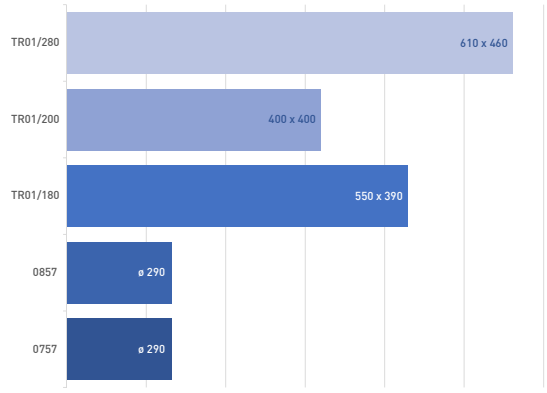
Base dimensions	415 x 625 x 750h mm
Chip pan dimensions	615 x 820 x 30h mm
Bottom Chip pan dimensions	530 x 735 mm
Capacity	400 kg
Net weight	59 kg



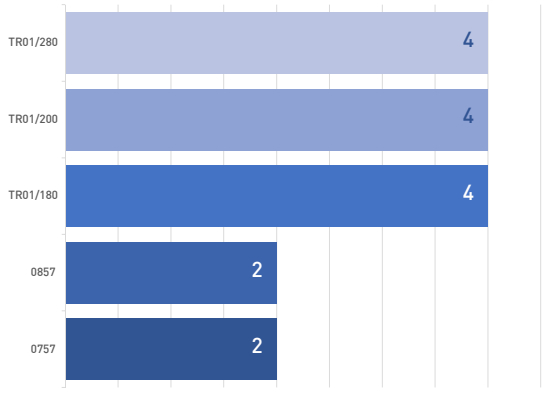
RADIAL DRILLING MACHINE



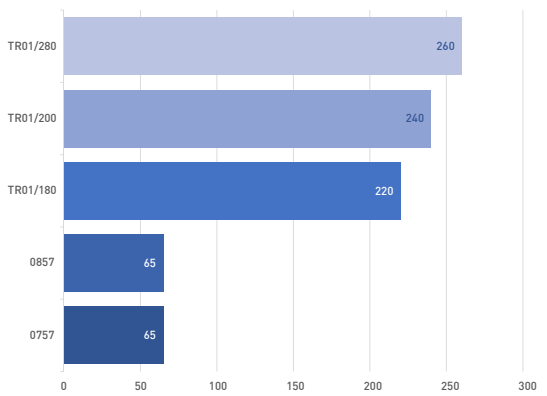
Table dimensions (mm)



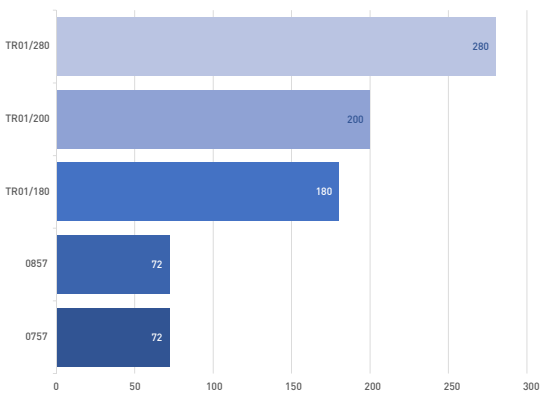
CM



Spindle travel (mm)



Column diameter (mm)



TR01/280

NEW € 25200,00

RADIAL DRILLING MACHINE

Hydraulic locking between arm and column, reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change

1. Automatic ascent
2. Working lamp
3. Bloc
4. Automatic feeding



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 13 mm B18
- Spindle drilled MT 4 B18
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	Ø 50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 40 mm
Continuous drilling capacity	Ø 40 mm
Spindle taper	MT 4
Chuck sizes	
Spindle speed	(12) 40 ÷ 1896 rpm
Spindle travel	260 mm
Quill	Ø 67 mm
Column	280 mm
Distance spindle axis - column surface	1370 mm
Distance between spindle nose and table	840 mm
Distance between spindle nose and base	1210 mm
Feed range	(4) 0.13 ÷ 0.54 mm/rev
Cube dimensions	610 x 460 x 370 mm
Slot	16 mm | 20 mm
Base dimensions	1960 x 800 mm
Motor	400 V 50 Hz 3,0 kW
Lifting motor radial arm	400 V 50 Hz 750 W
Cooling pump	400 V 50 Hz 90 W
Dimensions	2050 x 820 x 2480 mm
Net weight	2100 kg








TR01/200 — € 17450,00

RADIAL DRILLING MACHINE

Reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change

1. Automatic ascent
2. Working lamp
3. Bloc
4. Automatic feeding



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 13 mm B18
- Spindle drilled MT 4 B18
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	50 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	40 mm
Continuous drilling capacity	36 mm
Spindle taper	MT 4
Chuck sizes	3 ÷ 13 mm B18
Spindle speed	(6) 75 ÷ 1220 rpm
Spindle travel	240 mm
Quill	70 mm
Column	200 mm
Distance spindle axis - column surface	1020 mm
Distance between spindle nose and table	860 mm
Distance between spindle nose and base	1210 mm
Feed range	(3) 0,1 - 0,16 - 0,25 mm/rev
Cube dimensions	400 x 400 x 350 mm
Slot	18 mm
Base dimensions	1370 x 700 mm
Motor	400 V 50 Hz 1,5 kW
Lifting motor radial arm	400 V 50 Hz 750 W
Cooling pump	400 V 50 Hz 90 W
Dimensions	1760 x 770 x 2100h mm
Net weight	1250 kg










TR01/180 € 11200,00

RADIAL DRILLING MACHINE

Reversible, with automatic feeding, coolant system, equipped with Led light. With gear speed change

1. Working lamp
2. Bloc
3. Automatic feeding



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- LED Lamp
- Coolant system
- Base cube

Max drilling capacity on cast iron with pre-drilling hole	40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	32 mm
Continuous drilling capacity	28 mm
Spindle taper	MT 4
Chuck sizes	3 ÷ 16 mm B16
Spindle speed	(6) 75 ÷ 1220 rpm
Spindle travel	220 mm
Quill	65 mm
Column	180 mm
Distance spindle axis - column surface	350 ÷ 870 mm
Distance between spindle nose and table	0 ÷ 640 mm
Distance between spindle nose and base	310 ÷ 980 mm
Feed range	(3) 0,1 – 0,16 - 0,25 mm/rev
Cube dimensions	550 x 390 x 350 mm
Slot	18 mm
Base dimensions	1300 x 650 mm
Motor	400 V 50 Hz 1,5 kW
Lifting motor radial arm	400V 50 Hz 0,55 kW
Cooling pump	400V 50 Hz 0,40 kW
Dimensions	1400 x 650 x 1900 h mm
Net weight	1050 kg













0857 — € 916,00

RADIAL FLOOR DRILL PRESS WITH DRIVE BELT

Rotating and tilting table with double arm, tilting head, electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck Ø16 mm B16
- Chuck mount MT 2







Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	CM 2
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 300 ÷ 2550 rpm
Spindle travel	65 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Sliding travel	280 mm
Head tilt left and right	90° L ; 45° R
Height	1600 mm
Distance spindle axis - column surface	375 mm
Distance between spindle nose and base	1290 mm
Table dimensions	Ø 290 mm
Motor	230 V 50 Hz 0,375 kW
Dimensions	950 x 300 x 1600 mm
Net weight	60 kg

0757 — € 700,00

RADIAL DRILL PRESS WITH DRIVE BELT

Rotating and tilting table with double arm, tilting head, electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2







Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	CM 2
Chuck sizes	2 - Ø 16 mm
Spindle speed	(12) 300 ÷ 2550 rpm
Spindle travel	65 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Sliding travel	280 mm
Head tilt left and right	90° L ; 45° R
Height	810 mm
Distance spindle axis - column surface	375 mm
Distance between spindle nose and base	505 mm
Table dimensions	Ø 290 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,375 kW
Dimensions	950 x 300 x 810h mm
Net weight	46 kg

FLOOR DRILLING MACHINES

T145



T066



T062



T041/..



T072DA



T072



T032DA



T032



T071



0252/..



0754/..



0752CM3



0752

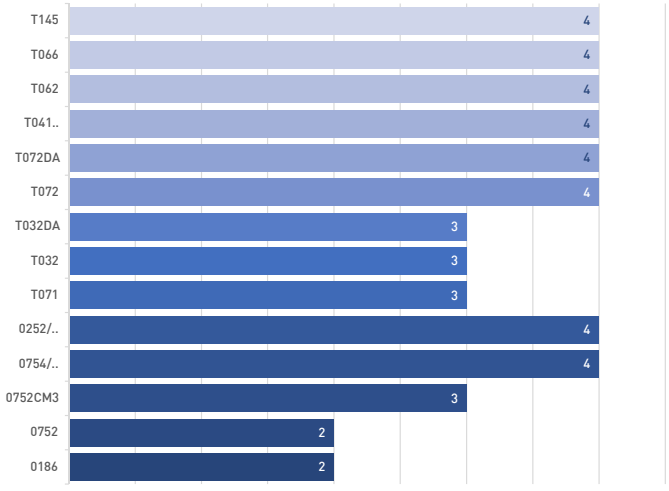


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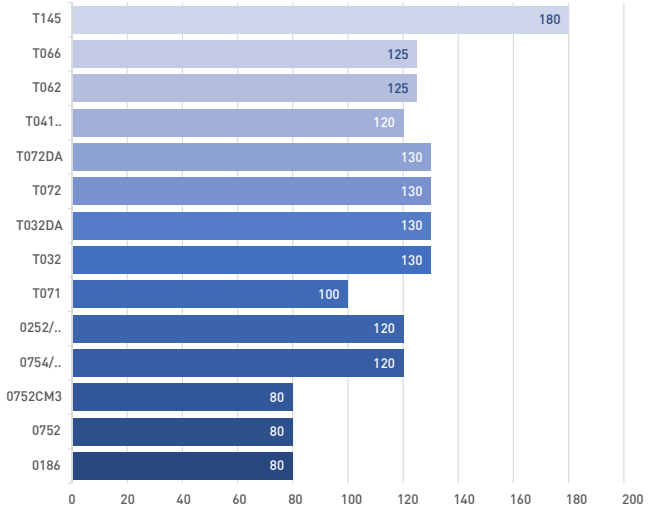


FLOOR DRILLING MACHINES

CM



Spindle travel (mm)



Column diameter (mm)

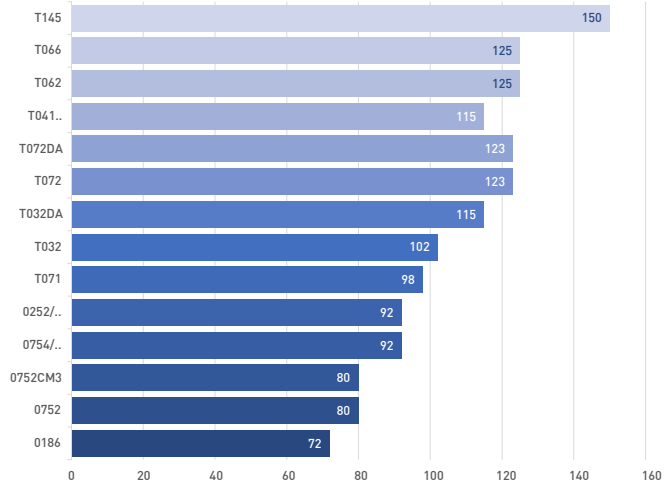
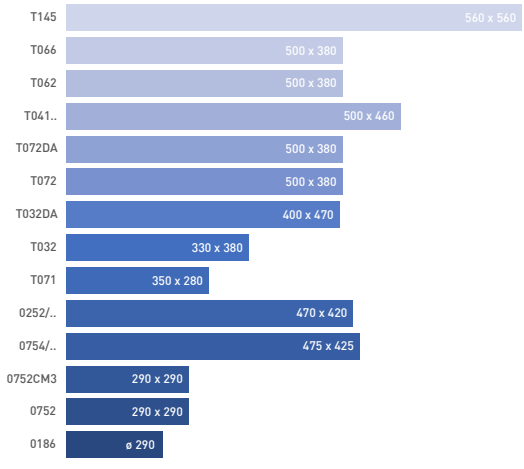


Table dimensions (mm)

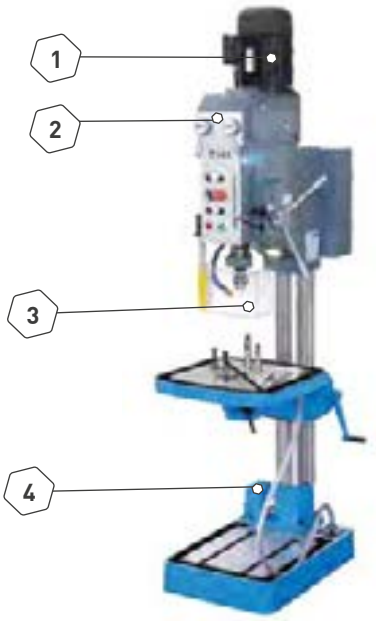


T145 — € 8500,00

DRILLING MACHINE

Reversible, with automatic feeding, coolant system and equipped with light, partially rotating table.

1. Induction motor
2. Gearbox levers
3. Chuck safeguard
4. Cooling pump



INCLUDED ACCESSORIES

- Key type drill chuck 1÷ 13 mm B16
- Drill chuck arbor MT4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 45 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 40 mm
Continuous drilling capacity	Ø 35 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(18) 50 ÷ 1450 rpm
Spindle travel	180 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 150 mm
Feed range	(2) 0,1 - 0,20 mm/g
Distance spindle axis - column surface	350 mm
Distance between spindle nose and table	780 mm
Distance between spindle nose and base	1320 mm
Table dimensions	560 x 560 mm
Slot	18 mm
Tilting table	±90°
Base dimensions	500 x 730 mm
Motor	400 V 50 Hz 1,2 / 2,2 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	935 x 530 x 2280 mm
Net weight	550 kg



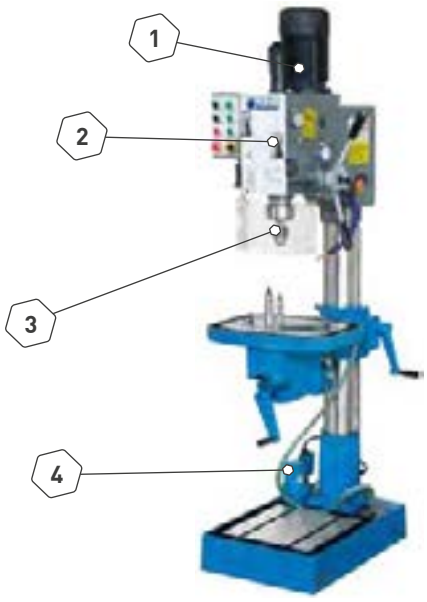


T066 — € 5760,00

DRILLING MACHINE

Reversible, with automatic feeding, coolant system, reversible table with 145mm vice included, equipped with light.

1. Induction motor
2. Gearbox levers
3. Chuck safeguard
4. Cooling pump

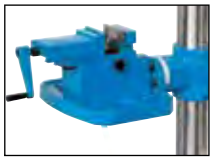


INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	125 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 125 mm
Feed range	(3) 0,1 - 0,18 - 0,26 mm/g
Distance spindle axis - column surface	320 mm
Distance between spindle nose and table	80-680 mm
Distance between spindle nose and base	1140 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	500 x 750 x 2000 mm
Net weight	400 kg





T062 — € 4840,00

GEARED DRILLING MACHINE

Reversible, table reversible with 145mm vice, equipped with light.

1. Induction motor
2. Gearbox levers
3. Chuck safeguard
4. Tilting table with vice included



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 4 B16
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	125 mm
Spindle rotation	Dx - Sx
Quill	Ø 75 mm
Column	Ø 125 mm
Distance spindle axis - column surface	320 mm
Distance between spindle nose and table	80 ÷ 680 mm
Distance between spindle nose and base	1140 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	460 x 650 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	500 x 750 x 2000 mm
Net weight	350 kg



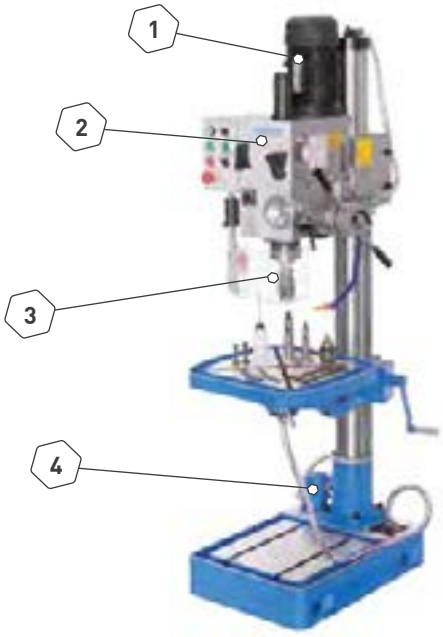


T041DA — € 4740,00

GEARED DRILLING MACHINE

Reversible, tilting head, cooling system, timed tapping and automatic down feed, partially rotating table

1. Induction motor
2. Gearbox levers
3. Chuck safeguard
4. Cooling pump



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 4
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Tapping capacity	22 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 16 B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Head tilt left and right	±60°
Quill	Ø 76 mm
Column	Ø 115 mm
Feed range	(3) 0,1 - 0,18 - 0,26 mm/g
Distance spindle axis - column surface	297 mm
Distance between spindle nose and table	715 mm
Distance between spindle nose and base	1180 mm
Table dimensions	500 x 460 mm
Slot	14 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	700 x 480 x 1850 mm
Net weight	340 kg





T041 — € 4420,00

GEARED DRILLING MACHINE

Reversible, tilting head and timed tapping, partially rotating table

1. Induction motor
2. Gearbox levers
3. Included vice



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 4
- Reduction sleeve MT 4/3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 40 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 35 mm
Continuous drilling capacity	Ø 30 mm
Tapping capacity	22 mm
Spindle taper	CM 4
Chuck sizes	1 ÷ 16 B16
Spindle speed	(12) 75 ÷ 3200 rpm
Spindle travel	120 mm
Spindle rotation	Dx - Sx
Head tilt left and right	±60°
Quill	Ø 76 mm
Column	Ø 115 mm
Distance spindle axis - column surface	297 mm
Distance between spindle nose and table	715 mm
Distance between spindle nose and base	1180 mm
Table dimensions	500 x 460 mm
Slot	14 mm
Base dimensions	650 x 450 x 80 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Dimensions	700 x 480 x 1820 mm
Net weight	330 kg





T072DA — € 7990,00

FLOOR DRILLING MACHINE WITH DRIVE BELT

Reversible, with automatic feeding, coolant system, reversible table with 140mm vice.

1. Induction motor
2. Chuck safeguard
3. Tilting table with vice included



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Morse taper reduction sleeve MT 4/3
- Morse taper reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 38 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 32 mm
Continuous drilling capacity	Ø 28 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 13 B16
Spindle speed	100 ÷ 2200 rpm
Spindle travel	130 mm
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Feed range	(3) 0,05 - 0,1 - 0,2 mm/rev
Distance between spindle nose and table	300 mm
Distance between spindle nose and base	1220 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	460 x 670 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	700 x 1100 x 1900 mm
Net weight	385 kg



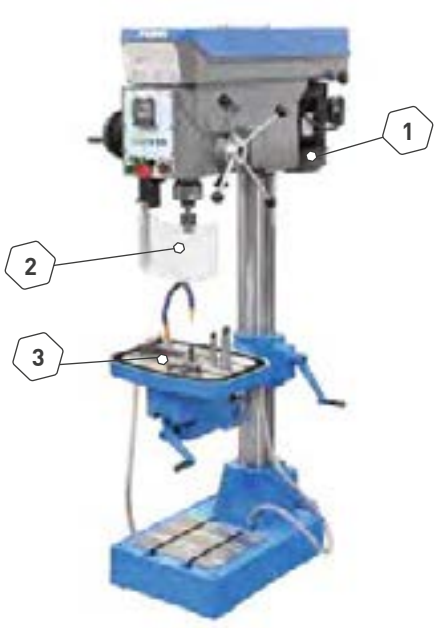


T072 — € 6460,00

FLOOR DRILLING MACHINE WITH BELT DRIVE

Reversible, table reversible with 140mm vice, cooling system.

1. Induction motor
2. Chuck safeguard
3. Tilting table with vice included



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 4 B16
- Morse taper reduction sleeve MT 4/3
- Morse taper reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 38 mm
Drilling capacity:Steel C60	Ø 32 mm
Continuous drilling capacity	Ø 28 mm
Spindle taper	4
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	100 - 2200 rpm
Spindle travel	130 mm
Quill	75 mm
Column	123 mm
Manual vertical feed division	0,05 mm
Distance spindle axis - column surface	300 mm
Distance between spindle nose and table	50 ÷ 800 mm
Distance between spindle nose and base	1220 mm
Table dimensions	500 x 380 mm
Slot	14 mm
Tilting table	±90°
Vice	125 mm
Base dimensions	610 x 670 mm
Motor	400 V 50 Hz 1,1 - 1,9 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	700 x 1100 x 1900 mm
Net weight	375 kg





T032DA — € 3850,00

FLOOR DRILL PRESS WITH DRIVE BELT

With autofee, coolant system, partially rotating table, with 125mm vice.

1. Induction motor
2. Chuck safeguard
3. Included vice
4. Adjustable table



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B18
- Spindle drilled MT 3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 31,75 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 31,75 mm
Continuous drilling capacity	Ø 25 mm
Spindle taper	MT 3
Chuck sizes	1 ÷ 16 B18
Spindle speed	(8) 160 ÷ 2200 rpm
Spindle travel	130 mm
Column	Ø 115 mm
Feed range	0,1- 0,16- 0,26 mm/giro
Distance spindle axis - column surface	223 mm
Distance between spindle nose and table	696 mm
Distance between spindle nose and base	1135 mm
Table dimensions	400 x 470 mm
Travel of table	510 mm
Slot	14 mm
Base dimensions	400 x 310 mm
Motor	400 V 50 Hz 0,85 kW / 1,1 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	900 x 545 x 1765 mm
Net weight	350 kg





T032 — € 3050,00

FLOOR DRILL PRESS WITH DRIVE BELT

Partially rotating table, with 125mm vice

1. Induction motor
2. Gearbox levers
3. Induction motor
4. Chuck safeguard



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 B18
- Spindle drilled MT 3
- Reduction sleeve MT 3/2

Max drilling capacity on cast iron with pre-drilling hole	Ø 31,75 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 31,75 mm
Spindle taper	MT 3
Continuous drilling capacity	Ø 25 mm
Chuck sizes	1 ÷ 16 B18
Spindle speed	(9) 160 ÷ 1880 rpm
Spindle travel	130 mm
Column	Ø 102 mm
Distance spindle axis - column surface	230 mm
Distance between spindle nose and table	700 mm
Distance between spindle nose and base	1175 mm
Table dimensions	330 x 380 mm
Travel of table	670 mm
Slot	14 mm
Base dimensions	300 x 325 mm
Motor	400V 50Hz 1,5 kW
Dimensions	900 x 430 x 1760 mm
Net weight	340 kg





T071 — € 3170,00

FLOOR DRILLING MACHINE WITH DRIVE BELT

Reversible, with tapping function, reversible table with 120mm vice.

1. Induction motor
2. Gearbox levers
3. Tilting table with vice included
4. Chuck safeguard



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank MT 3 B16
- Morse taper reduction sleeve MT 3/2
- Morse taper reduction sleeve MT 2/1

Max drilling capacity on cast iron with pre-drilling hole	Ø 30 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 25 mm
Spindle taper	3
Chuck sizes	1 ÷ 13 mm B16
Spindle speed	(16) 127 ÷ 2380 rpm
Spindle travel	100 mm
Quill	Ø 62 mm
Column	Ø 98 mm
Distance spindle axis - column surface	203 mm
Distance between spindle nose and table	145-895 mm
Distance between spindle nose and base	1200 mm
Table dimensions	350 x 280 mm
Slot	12 mm
Tilting table	±90°
Vice	90 mm
Base dimensions	410 x 560 mm
Motor	400 V 50 Hz 0,5 / 1 kW
Dimensions	530 x 820 x 1700 mm
Net weight	200 kg





0252/230V & 0252/400V — € 1880,00

FLOOR DRILL PRESS WITH DRIVE BELT

New belt tension device, reversible table with integrated sliding vice , drilling depth readout, Led light included.

1. Working light
2. Table lifting wheel
3. Casted head
4. Tilting base with integrated sliding vice



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 4

Max drilling capacity on cast iron with pre-drilling hole	Ø 32 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 20 mm
Spindle taper	4
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 150 ÷ 2450 rpm
Spindle travel	120 mm
Quill	Ø 62 mm
Column	Ø 92 mm
Height	1720 mm
Distance spindle axis - column surface	255 mm
Distance between spindle nose and table	700 mm
Table dimensions	470 x 420 mm
Distance between spindle nose and base	1220 mm
Slot	14 mm
Vice	120 x 155 mm
Motor	230 V 50 Hz 1,5 kW | 400 V 50 Hz 1,5 kW
Net weight	135 kg





0754/230V & 0754/400V — € 1620,00

FLOOR DRILL PRESS WITH DRIVE BELT

Inclinable table

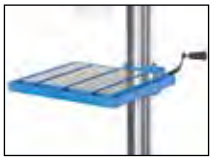
1. Induction motor
2. Table lifting wheel
3. Casted head
4. Tilting base



INCLUDED ACCESSORIES

- Keyless chuck 5 - 20 mm B22
- Drill chuck shank MT 4

Max drilling capacity on cast iron with pre-drilling hole	Ø 32 mm
Max drilling capacity on steel with pre-drilling hole(s-235jr)	Ø 28 mm
Continuous drilling capacity	Ø 20 mm
Spindle taper	CM 4
Chuck sizes	5 - 20 mm B22
Spindle speed	(12) 150 ÷ 2450 rpm
Spindle travel	120 mm
Quill	Ø 62 mm
Column	Ø 92 mm
Height	1710 mm
Distance spindle axis - column surface	260 mm
Table dimensions	475 x 425 mm
Slot	14 mm
Tilting table	± 45°
Motor	230 V 50 Hz 1,5 kW | 400 V 50 Hz 1,5 kW
Net weight	125 kg





0752CM3 — € 1010,00

FLOOR DRILL PRESS WITH DRIVE BELT

Rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

0752 — € 947,00

CM2 Ø 16 mm







INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 3
- Cones remover
- Allen keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	CM 3
Chuck sizes	1 - 16 mm / B16
Spindle speed	(16) 220 ÷ 2840 rpm
Spindle travel	80 mm
Quill	Ø 47 mm
Column	Ø 80 mm
Height	1630 mm
Distance spindle axis - column surface	175 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	1190 mm
Table dimensions	290 x 290 mm
Slot	16 mm
Tilting table	± 45°
Turning table	Yes
Base dimensions	460 x 275 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	300 X 630 X 1630h mm
Net weight	62 kg

0186 — € 840,00

FLOOR DRILL PRESS WITH DRIVE BELT

Inclinable and rotating table. Electrical system with separate 24V circuit for on-board machine controls.







INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2

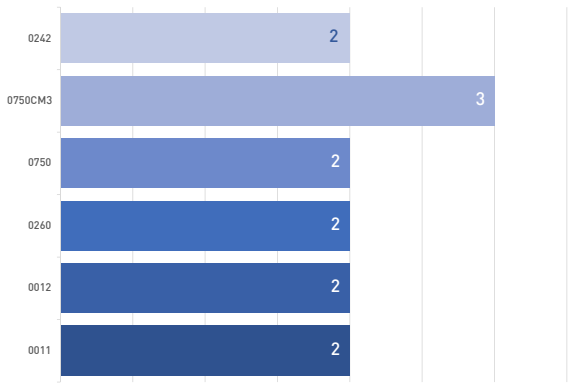
Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	CM 2
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 280 ÷ 2380 rpm
Spindle travel	80 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Height	1580 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and base	1110 mm
Table dimensions	Ø 290 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,65 kW
Net weight	50 kg



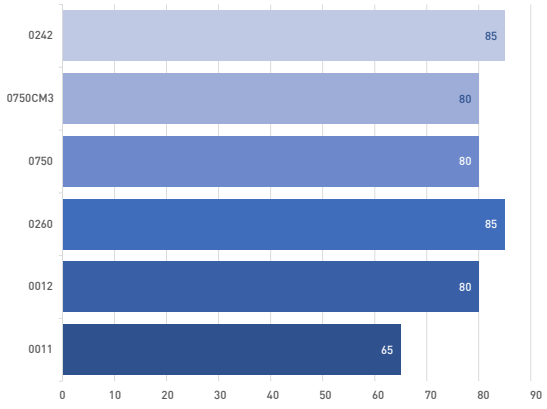
BENCH DRILL PRESSES



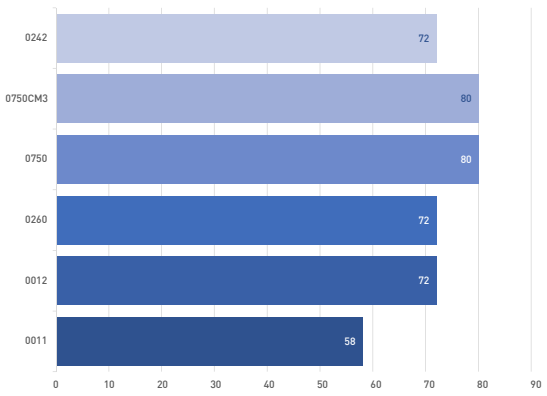
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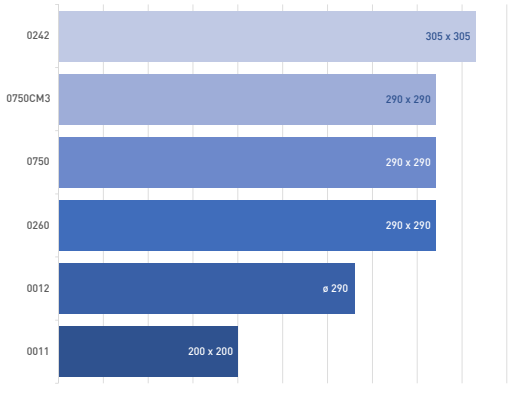


Spindle travel (mm)



Column diameter (mm)





0242 — € 904,00

DRILL PRESS WITH DRIVE BELT

New belt tension device, drilling depth readout, Led light included, rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

1. Induction motor
2. Table lifting wheel
3. Working lamp
4. Tilting base



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 2

Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	CM 2
Chuck sizes	1 - 16 mm B18
Spindle speed	(16) 180 ÷ 2770 rpm
Spindle travel	85 mm
Quill	Ø 47 mm
Column	Ø 72 mm
Height	990 mm
Distance spindle axis - column surface	180 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	600 mm
Table dimensions	305 x 305 mm
Slot	16 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,75 kW
Net weight	60 kg





0750CM3 — € 898,00

DRILL PRESS WITH DRIVE BELT

Rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

1. Induction motor
2. Table lifting wheel
3. Tilting base

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2
- Cones remover
- Allen keys

Max drilling capacity on cast iron with pre-drilling hole	Ø 25 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 20 mm
Continuous drilling capacity	Ø 16 mm
Spindle taper	CM 3
Chuck sizes	1 - 16 mm B16
Spindle speed	(16) 220 ÷ 2840 rpm
Spindle travel	80 mm
Quill	Ø 47 mm
Column	Ø 80 mm
Height	980 mm
Table dimensions	290 x 290 mm
Distance spindle axis - column surface	175 mm
Distance between spindle nose and table	420 mm
Distance between spindle nose and base	600 mm
Slot	14 mm
Tilting table	± 45°
Turning table	Yes
Base dimensions	460 x 275 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	300 x 630 x 990h mm
Net weight	57 kg

0750 — € 847,00

CM2 Ø 16 mm







0260 — € 797,00

DRILL PRESS WITH DRIVE BELT

New belt tension device, drilling depth readout, Led light included, rotating and inclinable table. Electrical system with separate 24V circuit for on-board machine controls.

1. Induction motor
2. Table lifting wheel
3. Working lamp
4. Tilting and swivel base



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B16
- Drill chuck shank MT 2

Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	CM 2
Chuck sizes	1 - 16 mm B16
Spindle speed	(16) 180 ÷ 2770 rpm
Spindle travel	85 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Height	980 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and table	435 mm
Distance between spindle nose and base	625 mm
Table dimensions	290 x 290 mm
Slot	16 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,55 kW
Net weight	50 kg



0012 — € 622,00

DRILL PRESS WITH DRIVE BELT

Inclinable and rotating table. Electrical system with separate 24V circuit for on-board machine controls.

1. Induction motor
2. Table lifting wheel
3. Casted head
4. Tilting and swivel base



INCLUDED ACCESSORIES

- Keyless chuck 1 - 16 mm B16
- Drill chuck arbor MT 2 B16

Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Chuck sizes	1 - 16 mm B16
Spindle speed	(12) 280 ÷ 2380 rpm
Spindle travel	80 mm
Quill	Ø 40 mm
Column	Ø 72 mm
Height	990 mm
Distance spindle axis - column surface	160 mm
Distance between spindle nose and table	435 mm
Distance between spindle nose and base	650 mm
Table dimensions	Ø 290 mm
Motor	230 V 50 Hz 0,65 kW
Net weight	48 kg



0011 — € 460,00

DRILL PRESS WITH DRIVE BELT

Vertical movement of the table with rack, tilting table. Electrical system with separate 24V circuit for on-board machine controls.







INCLUDED ACCESSORIES

- Keyless chuck 1 - 13 mm B16

Max drilling capacity on cast iron with pre-drilling hole	Ø 13 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 10 mm
Chuck sizes	Ø 13 mm
Spindle speed	(5) 620 ÷ 2620 rpm
Spindle travel	65 mm
Quill	Ø 40 mm
Column	Ø 58 mm
Height	690 mm
Distance spindle axis - column surface	130 mm
Distance between spindle nose and base	330 mm
Table dimensions	190 x 200 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,375 kW
Dimensions	315 x 530 x 690h mm
Net weight	25 kg



0518/20 — € 814,00

MAGNETIC DRILL

With coolant system for core drills until 20mm with weldon shank Ø 19.05mm and straight shank drills until Ø 20mm with reduced shank Ø 13mm.





Continuous drilling capacity	Ø 20 mm
Key chuck	Ø 13 mm
Arbor	Weldon Ø 19,05 mm
Spindle travel	165 mm
Max working capacity	Ø 20 mm
Max. magnetic force	8500 N
Spindle speed	650 rpm
Motor	230 V 50 Hz 0.9 kW
Dimensions	300 x 260 x 450 mm
BMC	442 x 395 x 175 mm
Net weight	15 kg

0518/30 — € 1110,00

MAGNETIC DRILL

With coolant system for core drills until 30mm with weldon shank Ø 19.05mm and straight shank drills until Ø 20mm with reduced shank Ø 13 - 16mm.





Continuous drilling capacity	Ø 20 mm
Key chuck	Ø 16 mm
Arbor	Weldon Ø 19,05 mm
Spindle travel	175 mm
Max working capacity	Ø 30 mm
Max. magnetic force	11000 N
Spindle speed	450 rpm
Base dimensions	170 x 90 mm
Motor	230 V 50 Hz 1.1 kW
Dimensions	360 x 280 x 490 mm
BMC	527 x 472 x 242 mm
Net weight	23 kg

0518/50 — € 1520,00

MAGNETIC DRILL

With coolant system for core drills until 50mm with weldon shank Ø 19.05mm, morse taper shank drills mt 3 and straight shank drills until Ø 20mm with reduced shank Ø 13 - 16mm.





Continuous drilling capacity	Ø 20 mm
Key chuck	Ø 16 mm
Spindle taper MT	3
Arbor	Weldon Ø 19,05 mm
Spindle travel	220 mm
Max working capacity	Ø 50 mm
Max. magnetic force	15000 N
Spindle speed	400 - 600 rpm
Base dimensions	205 x 110 mm
Motor	230 V 50 Hz 1.5 kW
Dimensions	400 x 310 x 475 mm
BMC	587 x 489 x 265 mm
Net weight	35 kg

0518/38M — € 1250,00

MAGNETIC TAPPING/DRILL

With coolant system for core drills until 38mm with weldon shank Ø 19.05mm and straight shank drills until Ø 20mm with reduced shank Ø 13 - 16mm, tapping capacity M4 - M16.





Continuous drilling capacity	Ø 20 mm
Spindle taper MT	2
Arbor	Weldon Ø 19,05 mm
Spindle travel	180 mm
Max working capacity	Ø 38 mm
Tapping capacity	M4 ÷ M16
Max. magnetic force	12000 N
Spindle speed	0 ÷ 500 | 0 ÷ 800 rpm
Motor	230 V 50 Hz 1.05 kW
Base dimensions	205 x 105 mm
Dimensions	280 x 320 x 510h mm
Net weight	20 kg

0518/55H — € 1570,00

HORIZONTAL MAGNETIC DRILL

For core drills until 55 mm with weldon shank Ø 19.05 mm





Arbor	Weldon Ø 19,05 mm
Spindle travel	55 mm
Max working capacity	Ø 55 mm
Max. magnetic force	15500 N
Spindle speed	640 rpm
Motor	230 V 50 Hz 1,9 kW
Base dimensions	165 x 80 mm
Dimensions	290 x 170 x 185 h mm
BMC	400 x 335 x 165 mm
Net weight	8.5 kg

0518/80 — € 1960,00

MAGNETIC DRILL

With coolant system for core drills until 80 mm with weldon shank Ø 19.05 mm, morse taper shank drills mt 3 and straight shank drills until Ø 20 mm with reduced shank Ø 13 - 16 mm





Continuous drilling capacity	Ø 20 mm
Spindle taper MT	3
Arbor	Weldon Ø 19,05 mm
Spindle travel	280 mm
Max. magnetic force	20000 N
Spindle speed	230 ÷ 770 rpm
Motor	230 V 50 Hz 1.8 kW
Base dimensions	215 x 110 mm
Dimensions	290 x 410 x 550h mm
Net weight	35 kg

CUTTING BAND SAWS

0273



0692/230V



0692/400V



0255



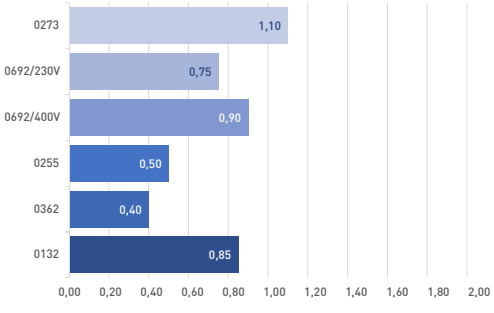
0362



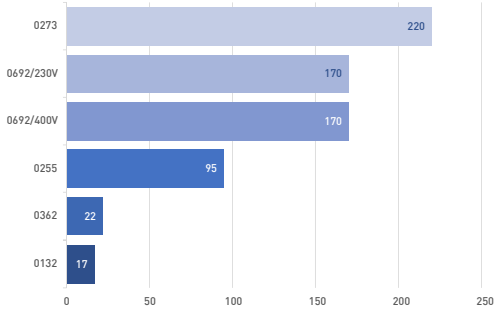
0132



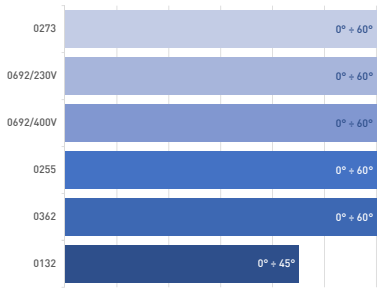
Power (kW)



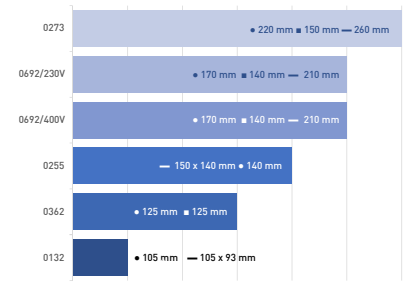
Net weight (Kg)



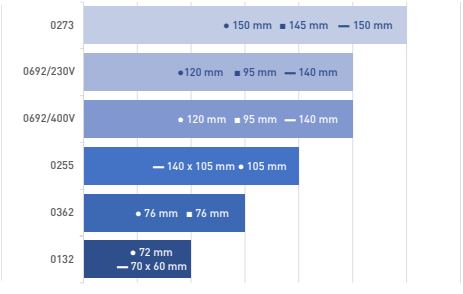
Cut range



Cutting depth at 90°



Cutting depth at 45°



0273 — € 3920,00

METAL BAND SAW WITH MANUAL AND HYDRAULIC FEED

With blade tension regulation tool, coolant system, quick vice



INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice





Blade dimensions	2450 x 27 x 0,9 mm
Three-phase motor	400V 50 HZ 0,59 / 1,1 kW
Cutting speed	36 - 72 m/min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 220 mm ■ 150 mm ▬ 260 mm
Cutting depth at 45°	• 150 mm ■ 145 mm ▬ 150 mm
Jaws	150 x 120 h mm
Vice opening	260 mm
Dimensions	1720 x 880 x 1810 h mm
Net weight	220 kg

0692/230V & 0692/400V — € 3100,00

METAL BAND SAW WITH MANUAL AND HYDRAULIC FEED

With blade tension regulation tool, coolant system, quick vice



INCLUDED ACCESSORIES

- Blade tension gauge
- Coolant pump
- Quick vice





Blade dimensions	2100 x 20 x 0,9 mm
Motor	230V 50 Hz 0,75 kW | 400V 50 HZ 0,55 / 0,9 kW
Cutting speed	65 m/min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 170 mm ■ 140 mm ▬ 210 mm
Cutting depth at 45°	• 120 mm ■ 95 mm ▬ 140 mm
Vice opening	260 mm
Dimensions	1500 x 800 x 1620 h mm
Net weight	170 kg

0255 — € 1630,00

METAL BAND SAW

With coolant system, quick vice, base with cabinet tools






Blade dimensions	1735 x 13 x 0,65 mm
Motor	230 V 50 Hz 0,5 kW
Cut range	0 ÷ 60°
Cutting speed	34 m / min
Cutting depth at 90°	— 150 x 140 mm • 140 mm
Cutting depth at 45°	— 140 x 105 mm • 105 mm
Base dimensions	470 x 700 mm
Dimensions	530 x 1000 x 1260h mm
Net weight	95 kg

0362 — € 787,00

ELECTRONIC CUTTING BAND SAW FOR BENCH

With inverter motor






Blade dimensions	1435 x 12,7 x 0,65 mm
Motor	230 V 50 Hz 0,4 kW
Cutting speed	35 m / min
Cut range	0° ÷ 60°
Cutting depth at 90°	• 125 mm ■ 125 mm
Cutting depth at 45°	• 76 mm ■ 76 mm
Dimensions	700 x 360 x 450h mm
Net weight	22 kg



0132 — € 496,00

CUTTING BAND SAW

Bench type, easy to carry, with two cutting speed







Blade dimensions	1335 x 12,7 x 0,65 mm
Speed	(2) 60 | 80 m / min
Cut range	0° ÷ 45°
Motor	230 V 50 Hz 0,850 kW
Cutting depth at 90°	• 105 mm — 105 x 93 mm
Cutting depth at 45°	• 72 mm — 70 x 60 mm
Net weight	17 kg

0522 — € 261,00

FOLDING STAND

Sturdy and resistant frame, adjustable height.



Capacity	150 kg
Plate Dimensions	820 x 460 mm
Working height	600 - 715 - 745 - 770 - 795 - 820 mm
Rollers distance	870 - 1070 - 1350 mm
Rollers height	37 ÷ 470 mm
Net weight	17 kg

0133 — € 147,00

ROLLER STAND



Roller shaft diameter	Ø 52 x 350 mm
Height	690 / 1200 mm
Maximum capacity	50 ÷ 60 kg
Net weight	15 kg

R003/09 — NEW € 463,00

PANTOGRAPH ROLLER CONVEYOR





Capacity	130 kg
Roller diameter	50 mm
Length	485 ÷ 1400 mm
Height	610 ÷ 950 mm
Size	1460 x 660 x 950 h mm
Net weight	31 kg

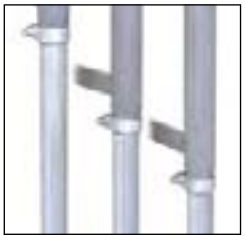
R001-

ADJUSTABLE HEIGHT ROLLER STAND

With independent height adjustment feet







Art.	€	Dimensions	Rollers distance	Roller dimensions	Height	Maximum capacity	Net weight
R001/04	**€ 348,00**	1000 x 460 mm	260 mm	Ø 60 x 360 mm M12	580 / 1030 mm	400 kg	23 kg
R001/07	**€ 489,00**	2000 x 450 mm	250 mm	Ø 60 x 360 mm M12	590 / 1050 mm	400 kg	37 kg

0642 € 342,00

CUT-OFF MACHINE

For dry cutting of metals, with disc protection guard.



Motor	230 V 50 Hz 2 kW
Disc dimensions	355 x 3.0 x 25.4 mm
Disc speed	3800 rpm
Cut range	± 45°
Cutting capacity	■ 100 x 100 mm - ■ 200 x 40 mm - o 100 mm
Vice opening	155 mm - 190 mm - 230 mm
Net weight	19 kg

0565 € 172,00

FLEXIBLE SHAFT GRINDER

With foot speed variator.



Precision key type chuck	0 - 4 mm
Variable speed	500 ÷ 22000 rpm
Flexible shaft length	900 mm
Motor	230 V 50 Hz 185 W

0568 € 57,80

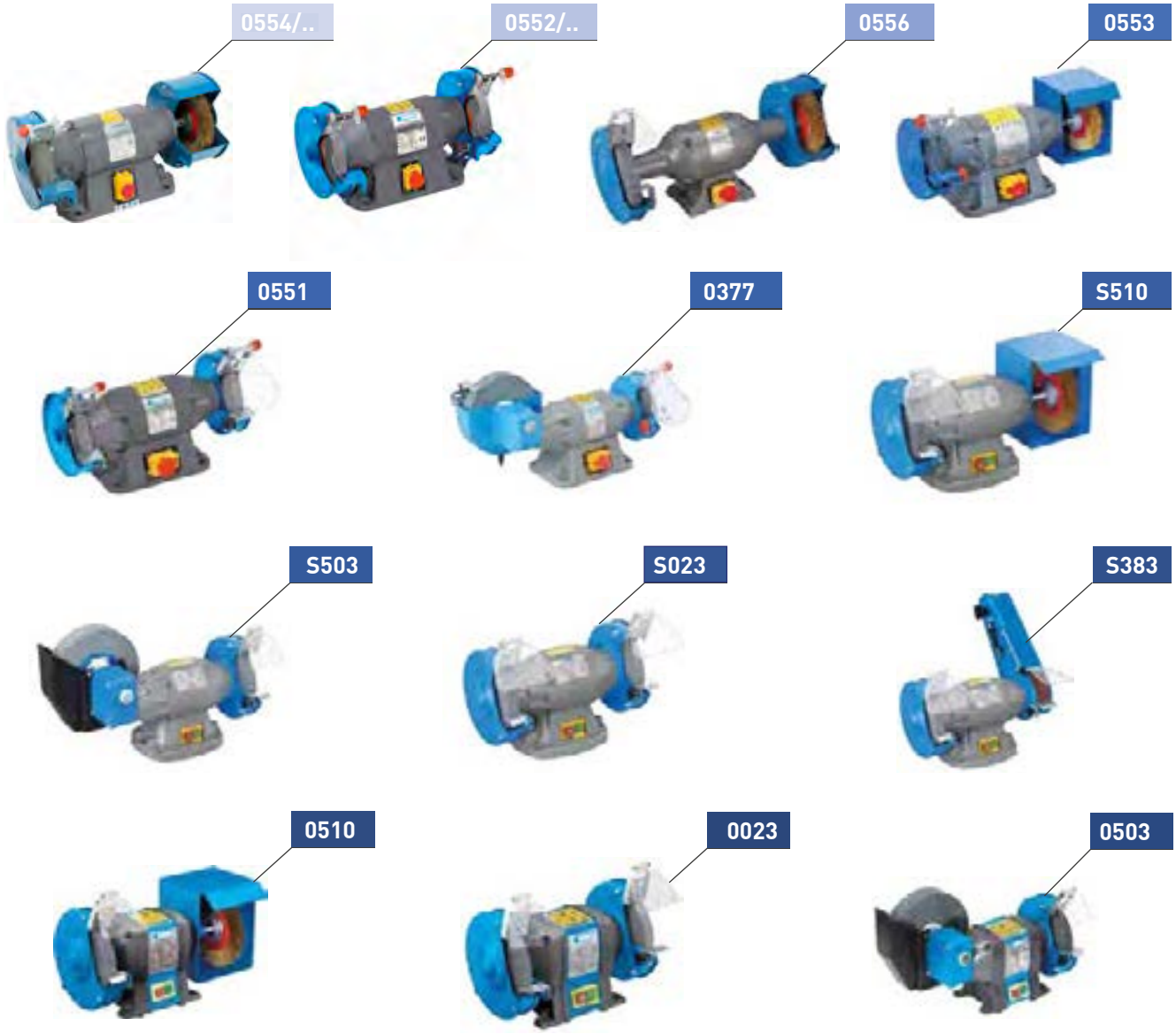
MULTI CUTTING POWER TOOLS SET

With adjustable stand and flexible shaft grinder

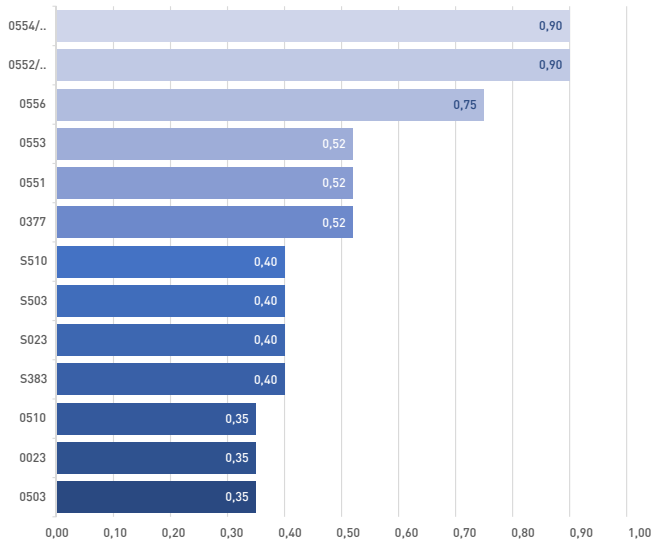


Precision key type chuck	Ø 3 mm
Variable speed	8000 ÷ 32500 rpm
Flexible shaft length	1000 mm
Stand height	650 mm
Clamp capacity	65 mm
Motor	230 V 50 Hz 135 W

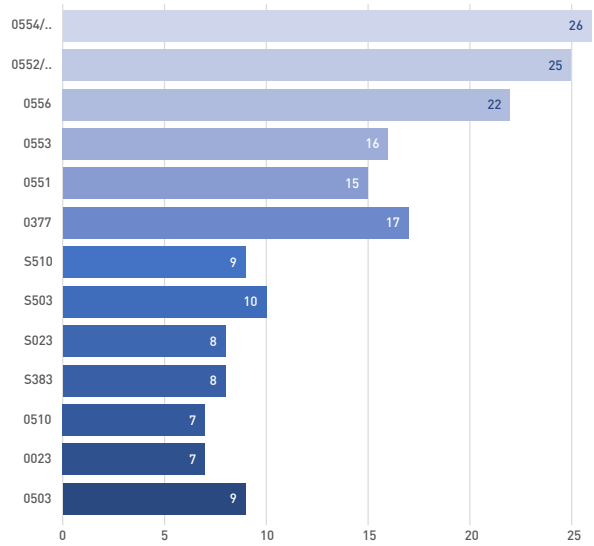
GRINDERS



Power (kW)



Weight (Kg)



0554 & 0554/400V — € 348,00

PROFESSIONAL COMBINED BENCH GRINDER



Brush	2950 rpm - Ø 200 x 25 x 20 mm
Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36
Motor	230V 50 Hz 0,9 kW | 400V 50 Hz 0,9 kW
Usage type	S2 - 10 min
Net weight	26 kg

0552 & 0552/400V — € 320,00

PROFESSIONAL BENCH GRINDER



Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36 - GR80
Motor	230V 50Hz 0,9 kW | 400V 50 Hz 0,9 kW
Usage type	S2 - 10 min
Net weight	25 kg

0556 — € 252,00

PROFESSIONAL COMBINED BENCH GRINDER WITH LONG ARMS

Professional combined grinder with long shafts



Brush	2950 rpm - Ø 200 x 25 x 20 mm
Dry grinding wheel	2950 rpm - Ø 200 x 25 x 20 mm GR36
Motor	230 V 50 Hz 0,75 kW
Usage type	S2 - 10 min
Distance between wheels	510 mm
Net weight	22 kg

0553 — € 218,00

PROFESSIONAL COMBINED BENCH GRINDER

Robust and reliable, wheel protection devices, workpiece support bracket



Brush	2950 rpm - Ø 150 x 20 x 16 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 – 10 min
Dimensions	440 x 170 x 225 mm
Net weight	16 kg

0551 — € 203,00

PROFESSIONAL BENCH GRINDER



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36 - GR80
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 - 10 min
Dimensions	440 x 170 x225 mm
Net weight	15 kg

0377 — € 252,00

COMBINED BENCH GRINDER



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,52 kW
Usage type	S2 - 10 min
Net weight	17 kg

S510 € 152,00

BENCH GRINDER WITH BRUSH

With brush and grinding wheel, strong and reliable



Brush	2950 rpm - Ø 150 x 20 x 16 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	9 kg

S503 € 157,00

WET DRY BENCH GRINDER

With wet grinding wheel and dry grinding wheel, strong and reliable



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	10 kg

S023 € 137,00

BENCH GRINDER

With two grinding wheels of different grain, strong and reliable



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36 - GR80
Motor	2950 rpm - 230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	8 kg

S383 € 173,00

BENCH GRINDER WITH BELT

Strong and reliable



Dry grinding wheel	2950 rpm Ø 150 x 20 x 16 mm GR36
Belt	50 x 686 mm GR100
Motor	230 V 50 Hz 0,40 kW
Usage type	S2 - 10 min
Net weight	8 kg

0510 € 111,00

BENCH GRINDER WITH BRUSH

With grinding wheel and brush. Bracket for supporting pieces. Holes for fixing on the bench.



Brush	2950 rpm - Ø 150 x 20 x 12,7 mm
Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR36
Motor	230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	7 kg

0023 € 100,00

BENCH GRINDER

Grinding wheel protection screens. Bracket for piece support



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR36 - GR80
Motor	2950 rpm - 230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	7 kg

0503 € 114,00

WET DRY BENCH GRINDER

With water grinding wheel and dry grinding wheel.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 12,7 mm GR80
Wet grinding wheel	130 rpm - Ø 200 x 40 x 20 mm GR80
Motor	230 V 50 Hz 0,35 kW
Usage type	S2 - 10 min
Net weight	9 kg

0555 € 127,00

GRINDING WHEEL STAND



Height	760 mm
Column	Ø 75 mm
Table dimensions	320 x 210 mm
Net weight	13.5 kg

0106 € 97,80

GRINDING WHEEL STAND

Light duty



Height	760 mm
Column	Ø 75 mm
Table dimensions	320 x 210 mm
Net weight	11 kg

0316 € 180,00

ELECTRIC CHAINSAW SHARPENER





Pink grinding wheel	Ø 145 x 4,7 x 22,3 mm | Ø 145 x 3,2 x 22,3 mm
Sharpening	+30° / -35°
For chains	1/4" - 325" - 3/8" - 404" - 3/4"
Motor	230 V 50 Hz 0,23 kW
Net weight	5 kg

0502 € 84,40

POWER CHAINSAW SHARPENER

With chain feed lever. Grinding wheel protection screen





Pink grinding wheel	Ø 100 x 4,5 x 10 mm
Sharpening	+35° / -35°
For chains	1/4" - 0,325" / 3/8" - 0,404"
Motor	230 V 50 Hz 0,25 kW
Speed	7500 rpm
Usage type	intermittent S2

A003/32 € 2940,00

TWIST DRILLS GRINDING MACHINE

With ER collets for the twist drills and inclination device of the cutting edges, thinning of the core for greater precision. Possibility of sharpening carbide twist drills with optional grinding wheel.









Grinding capacity	3 ÷ 32 mm
Tilting tip	95° ÷ 135° / 85° ÷ 140°
Speed	4400 rpm
Motor	230 V 50 Hz 250 W
Dimensions	400 x 260 x 300 mm
Net weight	36 kg

A013/26 € 1260,00

TWIST DRILL GRINDING MACHINE

With ER collets for the twist drills and inclination device of the cutting edges, thinning of the core for greater precision.



Grinding capacity	13 ÷ 26 mm
Tilting tip	118° ÷ 135°
Speed	4200 rpm
Motor	230 V 50 Hz 0,2 kW
Dimensions	370 x 165 x 200 mm
Net weight	24 kg

A003/13A € 815,00

TWIST DRILL GRINDING MACHINE

With ER collets for the twist drills and inclination device of the cutting edges, thinning of the core for greater precision. Possibility of sharpening carbide twist drills with optional grinding wheel.









Grinding capacity	3 ÷ 13 mm
Tilting tip	95° ÷ 135°
Speed	4400 rpm
Motor	230 V 50 Hz 120 W
Dimensions	320 x 180 x 190 mm
Net weight	8,5 kg

A0132A € 1150,00

TWIST DRILL GRINDING MACHINE







Grinding capacity	3 ÷ 20 mm
Tilting tip	90° ÷ 140°
Speed	7000 rpm
Motor	230 V 50 Hz 0,6 kW
Dimensions	500 x 230 x 250 mm
Net weight	21 kg

A004/14 NEW € 1530,00

END MILL GRINDING MACHINE

With ER collets, suitable for sharpening mills with 2, 3 and 4 cutting edges. Possibility to sharpen hard metal millis with optional grinding wheel.









Grinding capacity	4 ÷ 14 mm
Speed	4400 rpm
Motor	230 V 50 Hz 200 W
Dimensions	350 x 230 x 240 mm
Net weight	12,6 kg

A004/20 NEW € 2240,00

END MILL GRINDING MACHINE

With ER collets, suitable for sharpening mills with 2, 3 and 4 cutting edges. Possibility to sharpen hard metal millis with optional grinding wheel.









Grinding capacity	4 ÷ 20 mm
Speed	4400 rpm
Motor	230 V 50 Hz 200 W
Dimensions	350 x 230 x 240 mm
Net weight	16 kg

0804 € 582,00

MANUAL GRINDER FOR SAW BLADE



Grinding capacity	Ø 80 ÷ 700 mm
Speed	2850 rpm
Motor	230 V 50 Hz 0,25 kW
Net weight	29 kg

A059 € 117,00

MULTIPURPOSE SHARPENER

Ideal for sharpening knives, scissors and blades.



Grinding capacity	3 - 13 mm
Speed	3000 rpm
Motor	230 V 50 Hz 0,15 kW
Dimensions	232 x 160 x 110 mm
Vibrations	3.9 m/s2
Sound pressure level	86 ±3 db(A)
Acoustic power level	95 ±3 db(A)

A003/32CBN € 247,00

CBN WHEEL

For HSS twist drills from 13.1 to 32mm



A003/32SDC € 247,00

SDC WHEEL

For hard metal twist drills from 13.1mm to 32mm.



A003/13ACBN € 135,00

CBN WHEEL

For HSS twist drills from 3 to 13mm.



A003/13ASDC € 135,00

SDC WHEEL

For hard metal twist drills from 3 to 13mm.



A013/26M € 176,00

DIAMOND WHEEL

In CBN material for HSS twist drills.



A0132A/MR € 21,90

PINK GRINDING WHEEL

Thread m8, Ø 40 x 38mm inner Ø 26mm.



A0132A/MB € 21,90

WHITE GRINDING WHEEL

Thread M8, Ø 40 x 38mm inner Ø 26mm.



0804/MD € 111,00

DIAMOND WHEEL

125 x 10 x F32 x 8 mm



A059/M € 11,80

SET MOLE



A004/14CBN € 153,00

CBN WHEEL

For HSS end mills from 4 to 14mm.



A004/14SDC € 153,00

SDC WHEEL

For hard metal end mills from 4 to 14mm.



A004/20CBN € 305,00

SET OF 2 CBN WHEELS

For HSS end mills from 4 to 20mm.



A004/20SDC € 305,00

SET OF 2 SDC WHEELS

For hard metal end mills from 4 to 20mm.



0691/400V € 2570,00

TILTING BELT SANDER









Belt dimensions	2000 x 150 mm
Speed	(2) 18 / 37 mm/sec
Three-phase motor	400 V 50 Hz 4 kW
Net weight	110 kg

0662 € 706,00

TILTING BELT SANDER WITH BENCH

Bench to be assembled



Belt dimensions	1219 x 152 mm
Disc diameter	Ø 230 mm
Working table dimensions	330 x 152 mm
Belt speed	330 m/min
Disc speed	1400 m/min
Dimensions	710 x 510 x 1000 mm
Motor	230 V 50 Hz 0,75 kW
Net weight	54 kg

0560 € 703,00

BENCH CHAMFERING MACHINE



SPUN13P € 9,50

SPARE PART INSERT



Chamfer	45° 0 - 5 mm
Speed	2800 rpm
Motor	230 V 50 Hz 0,25 kW
Table dimensions	2 - 400 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	21 kg

0022 € 722,00

PORTABLE CHAMFERING MACHINE



SPUN13P € 9,50

SPARE PART INSERT



Chamfer	15° - 45° 0 - 5 mm
Speed	2950 rpm
Motor	230 V 50 Hz 0,25 kW
Table dimensions	2 - 200 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	11,5 kg

0285/75 € 5110,00

ELECTRIC SLIP ROLLING MACHINE

With 3 steel rollers with hardness HRC52, safety rope with 3 functions micro switch, mobile controls with double control pedals forward/backward and mushroom emergency switch.







Bed length	1300 mm
Max thickness	1.5 mm
Roller diameter	75 mm
Three-phase motor	400 V 50 Hz 0.75 kW
Net weight	375 kg

0334/0750 € 3810,00

SHEAR PRESS BRAKE AND SLIP ROLL

Versatile and strong machine, suitable for making prototypes



Bed length	750 mm
Max shearing, bending and rolling thickness	1,0 mm
Bending angle	90°
Min. rolling Ø	44 mm
Dimensions	980 x 370 x 550 mm
Net weight	260 kg

0334/1000 € 4250,00

SHEAR PRESS BRAKE AND SLIP ROLL

Versatile and strong machine, suitable for making prototypes



Bed length	1000 mm
Max shearing, bending and rolling thickness	1,0 mm
Bending angle	90°
Min. rolling Ø	48 mm
Dimensions	1335 x 455 x 620 mm
Net weight	317 kg

C022/100 — € 2540,00

ROLL FORMING MACHINE

With 3 rollers, removable central roller to create complete tubes.







Max length	1000 mm
Max thickness	2 mm
Roller diameter	60 mm
Net weight	200 kg

0776 — € 1160,00

ROLL FORMING MACHINE

With 3 rollers, with bench equipped with a shelf, removable central roller to create complete tubes.



Max length	1000 mm
Max thickness	0,8 mm
Roller diameter	50 mm
Net weight	105 kg

0776/610 — NEW — € 506,00

ROLL FORMING MACHINE

3-roller, bench-top, removable central roller to create complete tubes.



Max length	610 mm
Max thickness	0.8 mm
Roller diameter	38 mm
Net weight	37 kg

0235 — € 241,00

MINI HAND ROLL FORMING MACHINE

With 3 rollers, vice not included



Max length	300 mm
Max thickness	2,5 mm
Roller diameter	30 mm
Net weight	10 kg

P008/102 — € 2910,00

BENDING MACHINE

High efficiency due to top segmented knife, strong and reliable structure







Max length	1020 mm
Max. shearing thickness	2 mm
Max bending angle	135°
Net weight	334 kg



0775 € 1600,00

BENDING MACHINE



Max length	1000 mm
Max. shearing thickness	1,2 mm
Max bending angle	140°
Net weight	130 kg

0483 € 249,00

MINI HAND BRAKE

Interchangeable blade, max bending width on handle side 50mm, vice not included.



Working length	270 mm
Max. shearing thickness	2,5 mm
Net weight	10 kg

T034/105 € 2490,00

SHEAR MACHINE WITH STAND

With integrated goniometer, adjustable cutting end stop and bench in assembly kit



Bed length	1050 mm
Max. bending thickness	1,25 mm
Cutting capacity with adjustment	0 ÷ 500 mm
Dimensions	1290 x 1300 x 1080 mm
Net weight	220 kg

T034/065 € 1430,00

SHEAR MACHINE BENCH TYPE

With integrated goniometer and adjustable cutting end stop



Bed length	650 mm
Max. bending thickness	1,5 mm
Cutting capacity with adjustment	0 ÷ 500 mm
Dimensions	890 x 1300 x 450 mm
Net weight	145 kg

0773-

HAND SHEAR

0773/10L € 111,00

BLADE SET



0773/05L € 84,80

BLADE SET





Art.	€	Dimensions	Base dimensions	Handle length	Blade length	Flat bar	Plate thicknesser	Round	Net weight
0773/05	€ 170,00	290 x120 x 240 mm	290 x 90 mm	620 mm	130 mm	38 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	10 kg
0773/10	€ 248,00	420 x 120 x 390 mm	420 x 90 mm	800 mm	250 mm	70 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	19 kg

0892 — € 492,00

MINI HAND SHEAR BRAKE

Interchangeable blade, vice not included



Working length	200 mm
Max. bending thickness	1 mm
Max. shearing thickness	1 mm
Net weight	17 kg

0668 — € 1380,00

FORGING FURNACE

Easy to use, quick ignition, no injurious emissions, rear door to heat the iron bar center. isolation chamber in fibreceramics. regulator, non-return valve and thermocouple equipped



Working temperature	1300 °C ÷ 1400 °C
Max working capacity	Ø 70 mm / ■ 50 mm
Power	G.P.L.
Consumption	0,05 - 1,5 kg / h
Internal dimensions	280 x 210 x 100h mm
External Dimensions	400 x 260 x 250h mm
Net weight	25 kg

C076/30 — € 4050,00

MOTORIZED 3 ROLL PIPE & PROFILE BENDING MACHINES

Horizontal and vertical operation for pipes, profiles and bars.







Shaft diameter	30 mm
Upper roller diameter	148 mm
Lower rollers diameter	148 mm
Round speed	4.8 ÷ 7.2 m/min
Three-phase motor	400 V 50 Hz 1,1 kW
Dimensions	620 x 1100 x 1360 mm
Net weight	230 kg

0721 — NEW — € 330,00

MANUAL SPIRAL IRON BENDER

For cold bending, with blocks to speed up and standardize operations. Length-adjustable lever, with rollers for rods and plates already included to make different radii of curvature. Possibility of creating both dry folds and curves and use with pipes.





Roller diameter	2x Ø 24, 30, 37, 43, 49, 62, 75 mm
Round bar	Steel, Aluminum, Copper Ø16 mm | Stainless Steel Ø14 mm
Flat bar	10 x 50 mm | Sharp edge 6 x 50 mm
Square	14 x 14 mm
Round pipe	G 3/4"
Handle length	1000 mm Max
Net weight	30 kg

0197 — € 583,00

UNIVERSAL BENDER

For cold bending, with blocks to speed up and standardize operations, with ergonomic handle.



Round bar	Steel, Copper 16 mm | Wrought Iron 12 mm | Aluminum 18 mm
Flat bar	30 x 8 mm
Square	Steel, Copper 13 x 13 mm | Wrought iron 10 x 10 mm | Aluminum 15 x 15 mm
Net weight	22 kg

0102 — € 340,00

IRON BENDER

For cold and hot bending. with blocks to speed up and standardize operations and ergonomic handle



Round bar	Cold 22 mm | Heated 27 mm
Square	Cold 20 mm | Heated 25 mm
Flat bar	Steel 100 x 8 mm | Copper 100 x 15 mm
Net weight	30 kg

0113 — € 330,00

SPIRAL BENDER

For cold bending with piece stop and ergonomic handle



Iron	Cold
Round bar	10 mm
Flat bar	10 x 30 mm
Square	10 mm
Dies	80 mm | 125 mm | 200 mm
Net weight	25 kg

0893 — € 548,00

HYDRAULIC TUBE BENDER 1\2" - 2"

With 2 speeds pump





Dies	1/2" 3/4" 1" 1-1/4" 1-1/2" 2"gas
Capacity	10 tons N
Ram stroke	250 mm
Net weight	48 kg

0722 — NEW — € 1320,00

MANUAL PIPE BENDER

For cold bending, for large pipes, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves, with indication of the bend angle, lever included. Ratchet operation to exert maximum force.





Dies	25.4 -38.1 - 44.5 mm
Min. bending radius	75 - 125 - 150 mm
Max thickness	3 mm
Round pipe	Ø20 ÷ 50 mm
Max bending angle	120°
Handle length	1000 mm
Net weight	65 kg

0719 — NEW — € 1090,00

MANUAL PIPE BENDER

For cold bending, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves, with blocks to speed up and standardize operations.



Dies	14 - 16 - 18 - 20 - 22 - 25 mm
Min. bending radius	4x pipe Ø, 56-100 mm
Max thickness	2 mm
Round pipe	steel, aluminum, copper Ø25 mm | stainless steel Ø22 mm
Square	20 x 20 mm
Net weight	46 kg

0723 — NEW — € 385,00

PORTABLE MANUAL PIPE BENDER

For cold bending, with a system that avoids the collapse of the pipe, for the creation of simple or complex curves.



Dies	8
Round pipe	3/8" - 1/2" - 9/16" - 5/8" - 3/4" - 7/8"
Square pipe	3/4" - 1"
Thickness	0.8 ÷ 1.2 mm
Max bending angle	180°
Handle length	420 ÷ 600 mm
Net weight	25 kg

0292-

COPPER TUBE BENDER

0292



Art.	€	Sizes
0292	**€ 16,60**	Ø 8 - 10 - 12 mm
0292/14	**€ 15,90**	Ø 14 mm
0292/16	**€ 18,00**	Ø 16 mm

0758 — € 1280,00

WOOD LATHE

With rotating head, variable speed drive belt and cast iron bench

INCLUDED ACCESSORIES

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø 150 mm
- Ejector
- Service keys







Distance between centers	1100 mm
Centers height	185 mm
Maximum turning diameter	370 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 0,75 kW
Spindle speed	500 ÷ 2000 rpm
Net weight	120 kg

0751 — € 850,00

WOOD LATHE

With rotating head, variable speed drive belt and steel sheet bench







INCLUDED ACCESSORIES

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø150 mm
- Ejector
- Service Key

Distance between centers	900 mm
Centers height	155 mm
Maximum turning diameter	310 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 0,37 kW
Spindle speed	500 ÷ 2000 rpm
Net weight	75 kg

0758/C — € 371,00

COPY DEVICE FOR WOOD LATHE



Distance between centers	1000 mm

0648 — € 1000,00

WOOD LATHE WITH COPY DEVICE

with lever to adjust the speed and processing area protected with interlocked mobile plexiglass guard







Distance between centers	1000 mm
Centers height	175 mm
Maximum turning diameter	350 mm
Thread	1" - 8 TPI
Tailstock	2
Motor	230 V 50 Hz 0,75 kW
Spindle speed	500 ÷ 2000 rpm
Dimensions	1400 x 500 x 1300h mm
Net weight	68 kg

0497-

12'' WOOD LATHE

With belt speed change







INCLUDED ACCESSORIES

- Live center MT 2
- Headstock spur drive center MT 2
- Backing pad Ø 80 mm
- Ejector
- Service keys

Art.	€	Distance between centers	Centers height	Maximum turning diameter	Motor	Spindle speed	Thread	Tailstock	Net weight
0497/250	**€ 620,00**	457 mm	125 mm	250 mm	230 V 50 Hz 0.37 kW	(5) 700 - 3000 rpm	1" - 8 TPI	CM 2	33 kg
0497/300	**€ 689,00**	457 mm	150 mm	300 mm	230 V 50 Hz 0.55 kW	(5) 700 - 3000 rpm	1" - 8 TPI	CM 2	33 kg



0498 — € 9370,00

8 FUNCTIONS COMBINE MACHINE

Bench saw, sliding carriage, scoring blade, spindle moulder, surface planner, thichness planner, mortising unit and sanding drum at 1500rpm.



Overall dimensions	1880 x 1500 x 1050 mm
Spindle speed	1500 rpm
Single-phase motor	3 x 230 V 50 Hz 2.2 kW
Weight	445 kg
Packing dimensions	1600 x 1300 x 1010 mm



BENCH SAW	
Main table dimensions	1045 x 800 mm
Blade dimensions	254 x 3,2 x 30 mm 24 Z
Blade speed	4050 rpm
Cut height	65 mm 90° - 45 mm 45°



SLIDING CARRIAGE	
Max cutting length with saw bench	1370 mm
Sliding table	1500 x 840 mm
SCORING BLADE	
Blade dimensions	Ø 80 x 3,2 x 20 mm 8 Z



Cutter arbor speed	4000 rpm
SPINDLE MOULDER	
Arbor size	Ø 30 mm
Spindle travel	130 mm



Blade speed	6300 rpm
PLANER THICKNESSER	
Table dimensions	1285 x 310 mm
Arbor size	Ø 75 mm
Inlet size	Ø 100 mm
Knives	3
Planer capacity	310 x 5 mm
Thickness capacity	310 x 180 mm



Cutter arbor speed	4000 rpm
MORTISER	
Table dimensions	150 x 365 mm
Vertical stroke	0 ÷ 80 mm
Longitudinal travel	0 ÷ 85 mm
Cross travel	0 ÷ 140 mm



Cutter arbor speed	1500 / 4000 / 6000 rpm
SANDING DRUM	
Dimensions	Ø 100 x 100h mm



0499 — € 2800,00

12'' PLANER & THICKNESSER

With mortise option.





Overall dimensions	1290 x 550 x 1000 mm
Tables height	810 mm
Table dimensions	310 x 1285 mm
Arbor size	Ø 75 mm
Blade	3
Thickness capacity	310 x 2,5 x 180h mm
Spindle speed	4000 rpm
Motor	230 V 50 Hz 2.2 kW
Net weight	179 kg

0749 — € 2080,00

COMBINED PLANER AND THICKNESSER

With cast iron tables






Dimensions	1050 x 485 x 800h mm
Tables height	810 mm
Table dimensions	1050 x 250 mm
Arbor	Ø 75 mm
Blade	N° 3
Planer capacity	250 x 2 mm
Thickness capacity	250 x 1,2 180h mm
Spindle speed	4000 rpm
Motor	230 V - 50H z - 1,5 kW
Net weight	155 kg

0517A — € 868,00

THICKNESSER

With working plate made of granite






Dimensions	710 x 640 x 400 mm
Working table dimensions	330 x 238 mm
Arbor	Ø 51.5 mm
Blade	2
Thickness capacity	330 x 2.4 x 152 mm
Spindle speed	8500 rpm
Motor	230 V 50 Hz 1.5 kW
Net weight	35 kg

0686/200 — € 592,00

COMBINED PLANER AND THICKNESSER

With aluminum working tables



Dimensions	770 x 430 x 450h mm
Tables height	360 mm
Table dimensions	737 x 210 mm
Arbor	Ø 50 mm
Blade	N° 2
Planer capacity	204 x 2 mm
Thickness capacity	204 x 2 x 120h mm
Spindle speed	8000 rpm
Motor	230 V 50 Hz 1,25 kW
Net weight	25 kg

0749/M — € 470,00

MORTISING MACHINE

With cast iron working tables



Chuck sizes	Ø 16 mm
Table dimensions	370 x 150 mm
Vertical stroke	0 - 80 mm
Lateral stroke	0 - 140 mm
Slot distance	3 x 165 mm
Net weight	26 kg

0749/MC — € 128,00

WESTCOTT CHUCK



Capacity	16 mm
Female junction	M20 x 1,5 Sx / Left
Sizes	Ø 55 x 68,5 mm

M057/16 — € 130,00

"WESTCOTT" CHUCK



Capacity	16 mm
Female junction	B18
Sizes	Ø 60 x 65 mm

0697 — € 57,50

SET MAGNETIC QUICK PLANER KNIFE SETTING JIG



For planer blade with cutter arbor	Ø 75 ÷ 125 mm

0499/C — € 84,00

KNIVES SET

For planer and thicknesser



Sizes	310 x 30 x 3 mm

0749/C — € 65,10

SET OF KNIVES FOR PLANER

For thickness planer



Sizes	250 x 30 x 3 mm

0517/59 — € 61,30

KNIVE SET FOR THICKNESSER



Sizes	335 x 12 x 1.5 mm

0686/200C — € 38,60

SET OF KNIVES FOR PLANER

For thickness planer.



Sizes	210 x 22 x 2 mm

0559 — € 1560,00

2 IN 1 SPINDLE MOULDER AND SPINDLE SANDER

For milling and drilling in wood, sanding by mounting sandpaper





Motor	230V 50Hz 1,5kW
Spindle speed	1500 / 4000 / 6000 rpm
Spindle diameter	30 mm
Spindle travel	105 mm
Table well diameter	160 mm
Cast iron working tables	600 x 400 mm
Cast iron sliding carriage	400 x 250 mm
Sliding carriage guide	700 mm
Tables height	850 mm
Dimensions	74 x 66 x 98 cm
Sound pressure at operator's position	85.3 ± 2.94 dB(A)
Acoustic power level	98.3 ± 2.94 dB(A)
Net weight	110 kg



0559/T — € 159,00

SANDING DRUM

Abrasive belt not included



0504 — € 5920,00

PANEL SAW MOULDER

Bench saw, sliding carriage, scoring blade, spindle moulder, and sanding drum at 1500rpm.

Tables height	840 mm
Overall dimensions	1670 x 1200 x 1050 mm
BENCH SAW	
Main table dimensions	1045 x 800 mm
Blade dimensions	Ø 254 x 3.2 x 30 mm 24 Z
Blade speed	4050 rpm
Cut height	65 mm 90° - 45 mm 45°
SLIDING CARRIAGE	
Max cutting length with saw bench	1070 mm
Sliding table	1200 x 840 mm
SCORING BLADE	
Blade dimensions	Ø 80 x 3.2 x 20 mm 8 Z
Blade speed	6300 rpm
SPINDLE MOULDER	
Arbor size	Ø 30 mm
Spindle travel	130 mm
Spindle speed	1500 / 4000 / 6000 rpm
SANDING DRUM	
Dimensions	Ø 100 x 100h mm
Spindle speed	1500 rpm
Motor	2 x 230 V 50 Hz 2.2 kW
Net weight	250 kg







0665 — € 3240,00

PARTIALLY ASSEMBLED PANEL SAW





Blade	250 x 3 x 30 mm Z 40
Blade speed	2800 rpm
Main table dimensions	800 x 560 mm
Extension table dimensions	800 x 305 mm
Working height	860 mm
Max cut depth at 45°	60 mm
Max cut depth at 90°	75 mm
Sliding table	500 x 600 mm
Overall dimensions	1860 x 2030 x 1070h mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1460 mm
Net weight	230 kg



0656/254 — € 2700,00

PANEL SAW

Capacity 254mm, partially assembled.





Blade dimensions	254 x 30 x 3,2 mm 40 T
Blade speed	4000 rpm
Main table dimensions	790 x 350 mm
Extension table dimensions	350 x 350 mm
Working height	850 mm
Cutting depth at 90°	80 mm
Cutting depth at 45°	56 mm
Sliding table	1320 x 238 mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1250 mm
Net weight	150 kg



0656/310 — € 3110,00

PANEL SAW

Capacity 315mm, partially assembled.





Blade dimensions	315 x 30 x 3,2 mm 40 T
Blade speed	4000 rpm
Main table dimensions	790 x 350 mm
Extension table dimensions	350 x 350 mm
Working height	850 mm
Cutting depth at 90°	100 mm
Cutting depth at 45°	70 mm
Sliding table	1320 x 238 mm
Motor	230 V 50 Hz 2,2 kW
Max cutting length with saw bench	1400 mm
Net weight	175 kg



0280 — € 995,00

CIRCULAR SAW BENCH

Professionale, Equipped with hard metal blade with blade guards, piece guide, mobile table, wheels for moving.



Table dimensions	800 x 550 mm
Table extension	800 x 550 mm
Working height	810 mm
Steel thickness	2 mm
Cutting depth at 90°	90 mm
Cutting depth at 45°	50 mm
Blade dimensions	315 x 3 x 30 mm Z 36
Tilting saw blade	45°
Sliding carriage	1160 mm
Sliding carriage dim.	230 x 230 mm
Motor speed	2800 rpm
Motor	230 V 50 Hz 2,2 kW
Net weight	60 kg

0871 — € 617,00

SLIDE COMPOUND MITRE SAW

With laser beam indicator of the cutting line



Saw blade	Ø 305 x 30 x 3,2 mm Z 40
Max cutting capacity 0° - 90°	340 x 100 mm
Max cutting capacity 45° - 90°	240 x 100 mm
Sliding travel	215 mm
Motor	230 V 50 Hz 2 kW
Motor speed	4500 rpm
Net weight	25 kg

0870/250 — € 435,00

MITRE SAW

With upper table for usage as saw bench



Saw blade	Ø 250 x 30 x 2,5 mm Z 36
Max cutting capacity 0° - 90°	75 x 130 mm
Max cutting capacity 45° - 45°	75 x 50 mm
Max cutting capacity 45° - 90°	75 x 90 mm
Max cutting capacity 0° - 45°	50 x 130 mm
Max cutting capacity, upper table	40 mm
Motor	230 V 50 Hz 1,8 kW
Motor speed	4500 rpm
Peripheral speed disc	59 m/s
Net weight	15,5 kg

0365 — € 250,00

PORTABLE UNIVERSAL MITRE SAW STAND

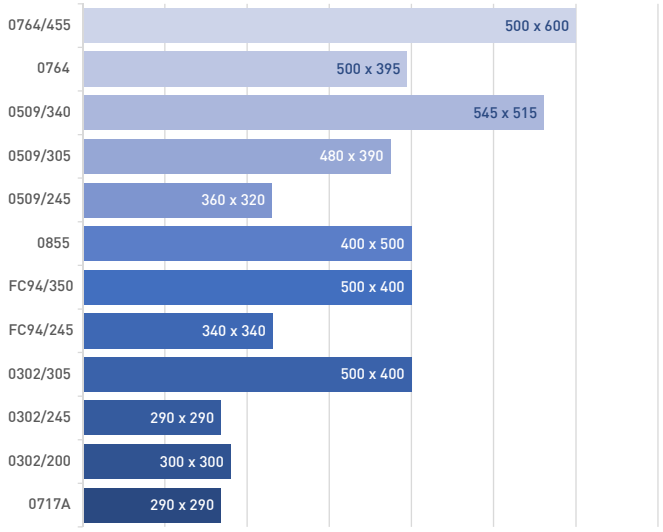
Foldable



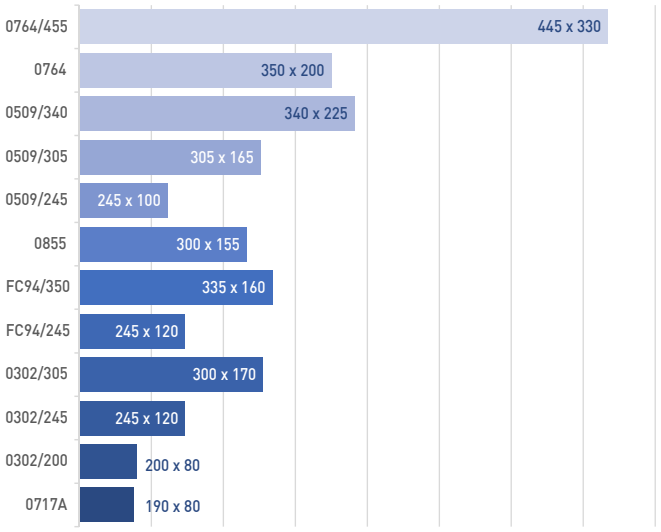
Working height	860 mm
Extension height	950 ÷ 1100 mm
Stand length	1200 mm
Extensions height operation length	1350 ÷ 3000 mm
Clamp size	500 x 35 mm
Dimensions	1300 x 230 x 950h mm
Capacity	250 kg
Net weight	18 kg

WOOD BAND SAW

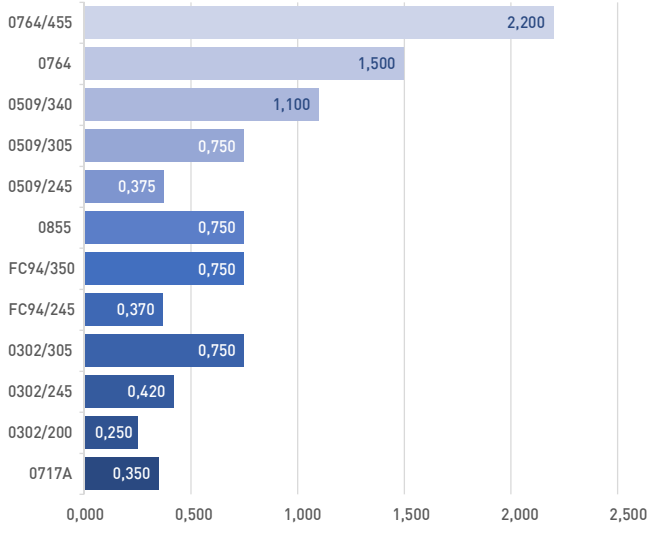
Table dimensions (mm)



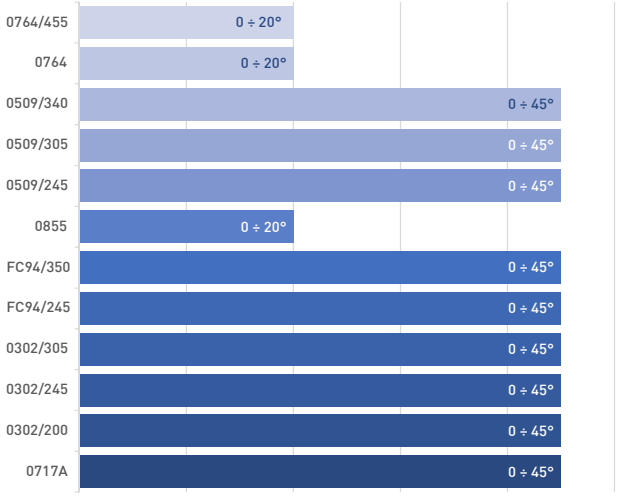
Cutting capacity (mm)



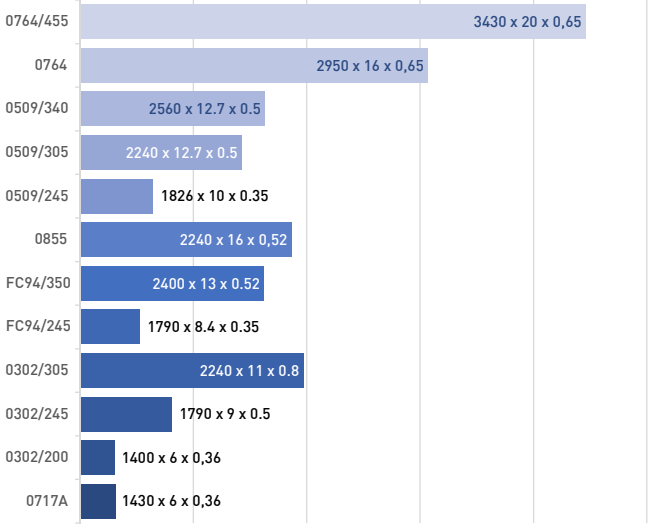
Power (kW)



Tilting table



Blade dimensions



0764/455 — € 2520,00

WOOD BAND SAW







Saw wheel	Ø 455 mm
Cutting capacity	445 x 330h mm
Blade	3430 x 20 x 0,65 mm T4
Table dimensions	500 x 600 x 40h mm
Cutting speed	10 m/s
Tilting table	0 ÷ 20°
Working height	950 mm
Dimensions	1000 x 900 x 1860h mm
Motor	230 V 50 Hz 2,2 kW
Net weight	200 kg

0764 — € 1690,00

WOOD BAND SAW







Saw wheel	Ø 405 mm
Cutting capacity	350 x 200h mm
Blade	2950 x 16 x 0,65 mm T4
Table dimensions	500 x 395 mm
Cutting speed	10 m/s
Tilting table	0 ÷ 20°
Working height	995 mm
Motor	230 V 50 Hz 1,5 kW
Dimensions	750 x 650 x 1710 h mm
Net weight	130 kg

0509/340 — € 1430,00

WOOD BAND SAW

With accessory for circular cutting, Led lamp and sawdust collector drawer.







Saw wheel	Ø 347 mm
Cutting capacity	340 x 225 mm
Blade	2560 x 12.7 x 0.5 mm T4
Table dimensions	545 x 515 mm
Cutting speed	6-12 m/s
Tilting table	0-45°
Working height	1010 mm
Motor	230 V 50 Hz 1.1 kW
Dimensions	900 x 670 x 1720 h mm
Net weight	70 kg

0509/305 — € 1240,00

WOOD BAND SAW

With accessory for circular cutting, Led lamp and sawdust collector drawer.







Saw wheel	Ø 314 mm
Cutting capacity	305 x 165 mm
Blade	2240 x 12.7 x 0.5 mm T4
Table dimensions	480 x 390 mm
Cutting speed	6-12 m/s
Tilting table	0 ÷ 45°
Working height	990 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	700 x 600 x 1585 h mm
Net weight	62 kg

0509/245 — € 808,00

WOOD BAND SAW

With accessory for circular cutting, Led lamp and sawdust collector drawer.







Saw wheel	Ø 254 mm
Cutting capacity	245 x 100 mm
Blade	1826 x 10 x 0.35 mm T6
Table dimensions	360 x 320 mm
Cutting speed	6.7 ÷ 13.3 m/s
Tilting table	0 ÷ 45°
Working height	925 mm
Motor	230V 50Hz 0.375kW
Dimensions	750 x 480 x 1420 mm
Net weight	37 kg

0855 — € 1030,00

WOOD BAND SAW







Saw wheel	Ø 315 mm
Blade	2240 x 16 x 0,52 mm T4
Cutting capacity	300 x 155 mm
Table dimensions	400 x 500 mm
Cutting speed	6 - 12 m/s | 370 - 800 rpm
Tilting table	0 ÷ 20°
Working height	1010 mm
Motor	230 V 50 Hz 0,75 kW
Dimensions	650 x 650 x 1610 h mm
Net weight	75 kg

FC94/350 — € 1250,00

14'' WOOD BAND SAW






Saw wheel	Ø 350 mm
Cutting capacity	335 x 160 mm
Blade	2400 x 13 x 0.52 mm T4
Table dimensions	500 x 400 mm
Cutting speed	10 ÷ 12 m/s
Tilting table	0 ÷ 45°
Working height	1015 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	730 x 620 x 1540 h mm
Net weight	79 kg

FC94/245 — € 630,00

10'' WOOD BAND SAW






Saw wheel	Ø 255 mm
Cutting capacity	245 x 120 mm
Blade	1790 x 8.4 x 0.35 mm T6
Table dimensions	340 x 340 mm
Cutting speed	11 ÷ 16 m/s
Tilting table	0 ÷ 45°
Working height	1000 mm
Motor	230 V 50 Hz 0.37 kW
Dimensions	420 x 250 x 800 h mm
Net weight	29 kg

0302/305 — € 780,00

WOOD BAND SAW

With aluminium table



Saw wheel	Ø 315 mm
Cutting capacity	300 x 170 mm
Blade	2240 x 11 x 0.8 mm T6
Table dimensions	500 x 400 mm
Cutting speed	6 ÷ 12 m/s
Tilting table	0° ÷ 45°
Working height	960 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	80 x 500 x 1580 h mm
Net weight	58 kg

0302/245 — € 512,00

WOOD BAND SAW

With aluminium table



Saw wheel	Ø 255 mm
Cutting capacity	245 x 120 mm
Blade	1790 x 9 x 0.5 mm T6
Table dimensions	290 x 290 mm
Cutting speed	11 ÷ 16 m/s
Tilting table	0° ÷ 45°
Working height	1000 mm
Motor	230 V 50 Hz 0.42 kW
Dimensions	600 x 400 x 1480 h mm
Net weight	28 kg

0302/200 — € 350,00

WOOD BAND SAW

With steel table



Saw wheel	Ø 210 mm
Cutting capacity	200 x 80h mm
Blade	1400 x 6 x 0,36 mm T6
Table dimensions	300 x 300 mm
Cutting speed	15 m/s
Tilting table	0 ÷ 45°
Dimensions	450 x 390 x 680 h mm
Motor	230 V 50 Hz 0,25 kW
Net weight	17 kg

0717A — € 334,00

WOOD BAND SAW

With adjustable work table and protractor for high precision. Blade protection device



Saw wheel	Ø 200 mm
Blade	1430 x 6 x 0,36 mm T6
Cutting capacity	190 x 80h mm
Table dimensions	290 x 290 mm
Cutting speed	13,7 m/s
Tilting table	0 ÷ 45°
Motor	230 V 50 Hz 0,35 kW
Dimensions	430 x 355 x 665 h mm
Net weight	17 kg

0523 € 427,00

TILTING BELT DISC SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in cast aluminum. Trailed aluminum roller on bearings. Heavy base suitable for heavy work. To be used exclusively for working with wood and plastic materials.






Dimensions	530 x 430 x 330 mm
Motor	230V 50Hz 375 W
Belt	914 x 100 mm
Belt speed	336 m/min
Grit belt	80
Disc diameter	Ø 150 mm
Grit Disc	80
Round speed	1850 rpm
Tilting table	0 ÷ 45°
Table dimensions	176 x 136 mm
Net weight	19.5 kg

0505 € 285,00

TILTING BENCH BELT SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in cast aluminum. Trailed aluminum roller on bearings. To be used exclusively for working with wood and plastic materials.






Dimensions	460 x 380 x 270h mm
Motor	230V 50 Hz 500 W
Belt	914 x 100 mm
Belt speed	420 m/min
Grit belt	80
Disc diameter	Ø 150 mm

Grit Disc	80
Round speed	2850 rpm
Tilting table	0 ÷ 45°
Table dimensions	225 x 155 mm
Net weight	18 kg

0564 NEW € 291,00

TILTING BENCH BELT SANDER

Can be used with sanding belt horizontally or vertically. With workpiece holder, abrasive belt and disc. Tilting work table in extruded aluminum. Quick belt change system. Trailed plastic roller on bearings. To be used exclusively for working with wood and plastic materials.





Dimensions	470 x 360 x 290 mm
Motor	230V 50 Hz 370 W
Belt	914 x 100 mm
Belt speed	450 m/min
Grit belt	80
Disc diameter	Ø 150 mm
Grit Disc	80
Round speed	2980 rpm
Tilting table	0 ÷ 45°
Table dimensions	226 x 160 mm
Net weight	16,5 kg

0138 € 592,00

BELT AND DISC SANDER

With tilting tables







Dimensions	630 x 370 x 495h mm
Belt	25 x 1075 mm
Belt speed	8,5 m/s
Disc diameter	200 mm
Motor	230 V 50 Hz 0,45 kW 1450 rpm
Table dimensions band	180 x 150 mm
Table dimensions disc	250 x 120 mm
Net weight	26 kg

0144 € 470,00

SCROLL SAW VARIABLE SPEED

With Led lamp. strong body, tilting table, suitable to cut balsa, plywood, soft woods, plastic and no ferrous metal.

0753/L € 4,91

BLADES SET



0753/A € 14,20

BLADE ADAPTER





Cutting capacity	457 x 50h mm
Blade length	127 mm
Oscillations	550 ÷ 1650 rpm
Plate Dimensions	480 x 250 mm
Tilting table	0 ÷ 45° sx
Base dimensions	220 x 420 mm
Motor	230 V 50 Hz 0,12 kW
Net weight	16 kg

0765 € 261,00

SCROLL SAW VARIABLE SPEED

Strong body, tilting table, suitable to cut balsa and plywood

0753/L € 4,91

BLADES SET



0753/A € 14,20

BLADE ADAPTER





Cutting capacity	400 x 50h mm
Blade length	127 mm
Oscillations	800 ÷ 1400 rpm
Plate Dimensions	410 x 250 mm
Tilting table	0 ÷ 45° sx
Base dimensions	230 x 390 mm
Motor	230 V 50 Hz 0,12 kW
Working temperature	from -5°C to +50°C
Net weight	14 kg

0720 € 58,80

PRECISION MITRE SAW

With depth of cut adjustment, Corner selection lever.

0720/L € 9,20

BLADE





Cut height	110 mm
Cut width	120 mm
Cutting tilting	0° ± 45°
Base	400 x 80 mm
Blade dimensions	550 x 45 mm
Net weight	4 kg

S015 € 118,00

MANUAL LOG SPLITTER

Foot operated, to split logs into small parts to light fire



Log capacity	Ø 254 x 460 mm
Max splitting force	1,2 ton
Blade dimensions	100 x 80h mm
Net weight	8,5 kg

S009 € 1470,00

VERTICAL HEAVY DUTY LOG SPLITTER

7 ton, with cross log splitter



Height working capacity	120 ÷ 540 mm
Log capacity	Ø 50 ÷ 320 mm
Max splitting force	7 ton
Motor	230 V 50 Hz 3 kW
No-load speed	2950 rpm
Net weight	120 kg



0496 € 775,00

DUST COLLECTOR





Inlet size	3 x Ø 100 mm
Air flow	3900 m3 / h
Motor	230 V 50 Hz 2.2 kW
Cloth bag	Ø 510 mm
Dimensions	1450 x 800 x 2000 mm
Net weight	48 kg

0759 € 669,00

PARTIALLY ASSEMBLED DUST COLLECTOR





Inlet size	2 x Ø 100 mm
Air flow	2500 m3 / h
Filtration rate	5 micron
Cloth bag	Ø 510 mm
Motor speed	2950 rpm
Vacuum suction	1.95 kPa
Motor	230 V 50 Hz 1.5 kW
Dimensions	840 x 560 x 1800 h mm
Net weight	40 kg

0756 € 400,00

DUST COLLECTOR

Partially assembled





Inlet size	100 mm
Air flow	850 m3 / h
Filtration rate	5 micron
Cloth bag	Ø 370 mm
Motor speed	2950 rpm
Vacuum suction	1.08 kPa
Motor	230 V 50 Hz 0.75 kW
Dimensions	500 x 600 x 1700 h mm
Net weight	23 kg

0507 € 296,00

DUST COLLECTOR

Partially assembled





Inlet size	100 mm
Air flow	900 m3 / h
Filtration rate	5 micron
Cloth bag	Ø 320 mm
Motor speed	2840 rpm
Vacuum suction	0.70 kPa
Motor	230 V 50 Hz 0.55 kW
Dimensions	500 x 600 x 1700 h mm
Net weight	18 kg

0495 € 399,00

PORTABLE DUST COLLECTOR

With wheels for wood band saw and mitre saw



Inlet size	100 mm
Air flow	830 m3 / h
Cloth bag	Ø 380 mm
Motor	230 V 50 Hz 0.75 kW
Dimensions	395 x 325 x 350 mm
Net weight	14 kg

0759/F — € 29,10

FILTER BAG



Dimensions	Ø 510 mm x 855h mm

0759/S — € 53,60

PLASTIC BAG SET

10 Pcs



Dimensions	Ø 510 mm x 855h mm

0756/F — € 23,50

FILTER BAG



Dimensions	Ø 370 mm x 590h mm

0756/S — € 44,20

PLASTIC BAG SET

10 Pcs



Dimensions	Ø 370 mm x 590h mm

0756/T — € 40,60

PLASTIC HOSE FITTING

With metal core



Max length	2 m
Diameter	100 mm

0756/Y — € 20,00

Y FITTING



Diameter	100 mm

0507/Y — NEW € 5,00

Y FITTING



Dimensions	150 x 110 x 170h mm
Inlet size	2 x Ø 35 mm
Diameter	100 mm

0507/14 — € 23,70

PLASTIC BAG SET

10 Pcs



Dimensions	Ø 330 mm x 500h mm

0507/15 — € 43,90

FILTER BAG



Dimensions	Ø 320 mm x 590h mm

0507/07 — € 26,10

PLASTIC HOSE FITTING

With metal core



Length	2 m mm
Diameter	100 mm

0507/4R — € 8,40

FITTING WITH 4 DIAMETERS

Reduction from hose of 100 mm to: 70 mm
50 mm 40 mm 35 mm



Diameter	100 mm

0495/24 — € 18,80

FILTER BAG

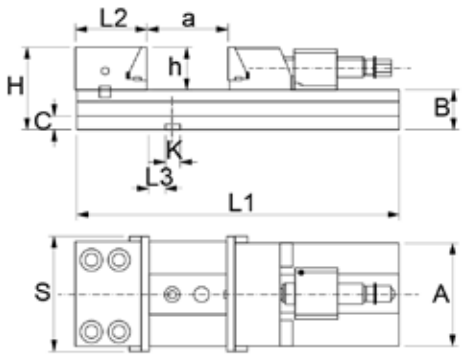


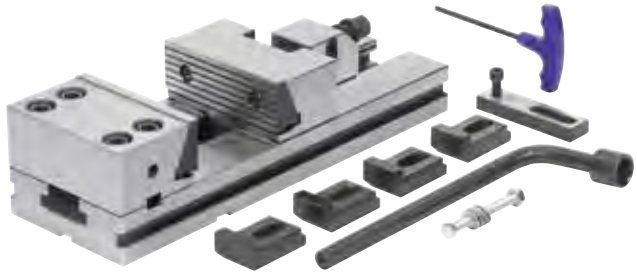
Dimensions	Ø380 mm x 530h mm

M011- PRO

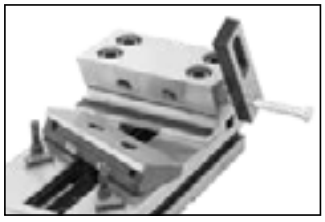
HIGH PRECISION MODULAR VICE

Suitable for jobs where precision, reliability, availability and secure locking are required. Suitable for precision milling and grinding work on both manual machines and CNC machining centers. Ground sliding surfaces. Equipped with prismatic descending jaws when tightening. With fasteners and adjustment keys. Accuracy 0.02mm and hardness 57-62 HRC









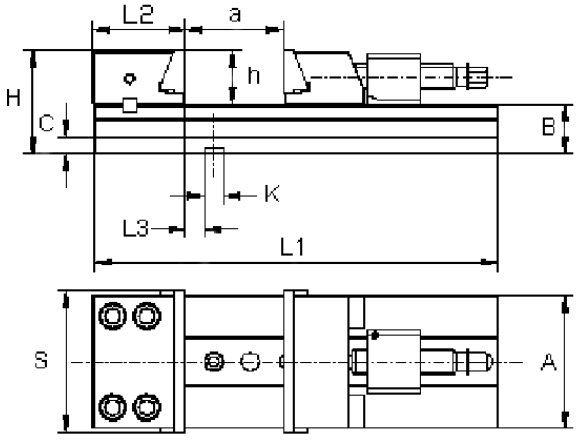
Wooden Box | Steel | Tempered | Grounded | Mill

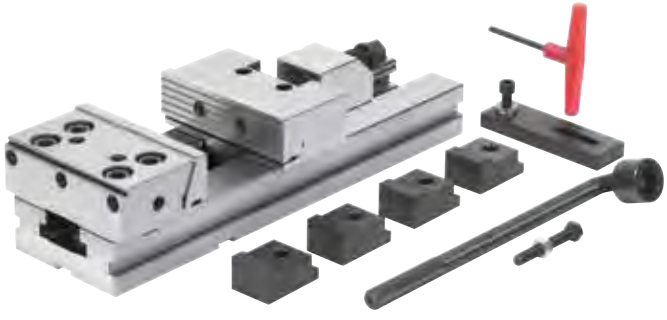
Art.	€	Jaw dimensions	S	A	B	C	H	L1	L2	L3	h	K h7	a	Net weight
M011/125/150	€ 1060,00	125 x 50h mm	125 mm	125 mm	40 mm	15 mm	90 mm	350 mm	80 mm	25,6 mm	50 mm	16 mm	150 mm	19 kg
M011/150/210	€ 1220,00	150 x 60h mm	150 mm	150 mm	50 mm	20 mm	110 mm	435 mm	93 mm	25,6 mm	60 mm	16 mm	210 mm	35 kg
M011/150/300	€ 1520,00	150 x 60h mm	150 mm	150 mm	50 mm	20 mm	110 mm	525 mm	93 mm	25,6 mm	60 mm	16 mm	300 mm	35 kg

M028- PRO

HIGH PRECISION MODULAR VICE

Suitable for jobs where precision, reliability, availability and secure locking are required. Suitable for precision milling and grinding work on both manual machines and CNC machining centers. Ground sliding surfaces. Equipped with prismatic descending jaws when tightening. With fasteners and adjustment keys. Accuracy 0.02mm and hardness 57-62 HRC









Wooden Box | Steel | Tempered | Grounded | Mill

Art.	€	Jaw dimensions	S	A	B	C	H	L1	L2	L3	h	K h7	a	Net weight
M028/100/100	€ 761,00	100 x 30h mm	100 mm	75 mm	35 mm	15 mm	65 mm	270 mm	77,9 mm	25,6 mm	30 mm	16 mm	100 mm	7 kg
M028/125/150	€ 827,00	125 x 40h mm	125 mm	95 mm	40 mm	15 mm	80 mm	345 mm	77,9 mm	25,6 mm	40 mm	16 mm	150 mm	13 kg
M028/150/200	€ 987,00	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	420 mm	89,4 mm	25,6 mm	50 mm	16 mm	200 mm	26 kg
M028/150/300	€ 1060,00	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	520 mm	89,4 mm	25,6 mm	50 mm	16 mm	300 mm	30 kg
M028/150/400	€ 1220,00	150 x 50h mm	150 mm	125 mm	50 mm	20 mm	100 mm	620 mm	89,4 mm	25,6 mm	50 mm	16 mm	400 mm	34 kg
M028/175/200	€ 1220,00	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	455 mm	96,9 mm	25,6 mm	60 mm	16 mm	200 mm	40 kg
M028/175/300	€ 1260,00	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	555 mm	96,9 mm	25,6 mm	60 mm	16 mm	300 mm	43 kg
M028/175/400	€ 1410,00	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	655 mm	96,9 mm	25,6 mm	60 mm	16 mm	400 mm	50 kg
M028/175/500	€ 1580,00	175 x 60h mm	175 mm	145 mm	58 mm	20 mm	118 mm	755 mm	96.9 mm	25,6 mm	60 mm	16 mm	500 mm	50 kg
M028/200/300	€ 1900,00	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	595 mm	113,4 mm	25,6 mm	65 mm	16 mm	300 mm	69 kg
M028/200/400	€ 1950,00	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	695 mm	113,4 mm	25,6 mm	65 mm	16 mm	400 mm	74 kg
M028/200/500	€ 2350,00	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	795 mm	113,4 mm	25,6 mm	65 mm	16 mm	500 mm	79 kg
M028/200/600	€ 2590,00	200 x 65h mm	200 mm	170 mm	70 mm	26 mm	135 mm	895 mm	113,4 mm	25,6 mm	65 mm	16 mm	600 mm	84 kg

M011-xG PRO

SPARE PART JAWS



Box Steel Tempered Grounded

Art.	€	Description	Jaw dimensions
M011/125GP	€ 227,00	Prismatic jaw	125 x 40h mm
M011/125GR	€ 381,00	Pair of striped jaws	125 x 40h mm
M011/150GP	€ 273,00	Prismatic jaw	150 x 45h mm
M011/150GR	€ 407,00	Pair of striped jaws	150 x 45h mm

M028-xG PRO

SPARE PRISMATIC JAWS



Box Steel Tempered

Art.	€	Dimensions
M028/100GP	€ 218,00	100 x 24,5h mm
M028M029/125GP	€ 228,00	125 x 32h mm
M028M029/150GP	€ 246,00	150 x 40h mm
M028/175GP	€ 273,00	175 x 43h mm
M028/200GP	€ 303,00	200 x 53h mm

M028-xGR NEW PRO

SPARE RIBBED JAWS



Steel Grounded

Art.	€	Jaw dimensions
M028/100GR	€ 218,00	100 x 30h mm
M028/125GR	€ 228,00	125 x 40h mm
M028/150GR	€ 246,00	150 x 50h mm
M028/175GR	€ 273,00	175 x 60h mm
M028/200GR	€ 303,00	200 x 65h mm

M061 PRO € 427,00

ANGLE PRECISION VICE

With screw closure, sine-bar with longitudinal opening. Couplings ground with high precision. Accuracy indicated on parallelism and quadrature. Ideal for grinding, EDM, milling and measuring systems



Wooden Box Steel Tempered Grounded Mill

Length	235 mm
Jaw dimensions	88 x 40 h mm
Pins center distance	100 mm
Opening	120 mm
Accuracy	0,005 mm
Tilting	0° ÷ 45°
Net weight	12,5 kg

M012- PRO

PRECISION MEASURING MILLING VICE

Quick-release. Couplings ground with high precision. Accuracy indicated on parallelism and quadrature. Ideal for grinding, EDM, milling and measuring systems



Wooden Box Steel Tempered Grounded Mill

Art.	€	Dimensions	Opening	Jaw height	Accuracy
M012/038	€ 85,80	38 x 105 x 45h mm	44 mm	25 mm	0,005 mm
M012/050	€ 89,60	50 x 140 x 50h mm	65 mm	25 mm	0,005 mm
M012/080	€ 217,00	73 x 190 x 67h mm	110 mm	35 mm	0,005 mm
M012/100	€ 303,00	100 x 245 x 90h mm	125 mm	45 mm	0,005 mm

M023-

PRO

MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank



Box Cast Iron Mill Drill press

Art.	€	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M023/100	€ 213,00	100 x 35 mm	80 mm	310 x 165 x 130h mm	215 x 165 mm	195 mm	14 mm	11 kg
M023/125	€ 254,00	125 x 40 mm	100 mm	355 x 190 x 127h mm	215 x 165 mm	195 mm	14 mm	15 kg
M023/160	€ 344,00	160 x 50 mm	125 mm	422 x 235 x 162h mm	300 x 235 mm	275 mm	18 mm	30 kg
M023/200	€ 433,00	200 x 61 mm	160 mm	490 x 270 x 175h mm	360 x 280 mm	315 mm	18 mm	47 kg

M014-

NEW

MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank



Box Cast Iron Mill Drill press

Art.	€	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M014/080	€ 105,00	80 x 30 mm	60 mm	195 x 110 x 91h mm	110 x 154 mm	130 mm	14 mm	4,5 kg
M014/100	€ 137,00	100 x 35 mm	75 mm	242 x 129 x 106h mm	129 x 186 mm	160 mm	14 mm	9 kg
M014/125	€ 190,00	125 x 40 mm	95 mm	285 x 166 x 126h mm	166 x 210 mm	185 mm	14 mm	14 kg
M014/160	€ 264,00	160 x 52 mm	120 mm	390 x 218 x 166h mm	218 x 275 mm	245 mm	18 mm	28 kg
M014/200	€ 359,00	200 x 63 mm	150 mm	440 x 239 x 183h mm	239 x 315 mm	275 mm	18 mm	40 kg

M024-

MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground.
Uncovered vine. With crank and fixing screws

M024/250





Box Cast Iron Mill Drill press

Art.	€	Jaws	Opening	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M024/136	€ 184,00	136 x 32 mm	170 mm	375 x 162 x 123h mm	223 x 165 mm	200 mm	14 mm	14 kg
M024/160	€ 265,00	160 x 50 mm	180 mm	402 x 182 x 142h mm	252 x 182 mm	225 mm	14 mm	23 kg
M024/200	€ 349,00	200 x 63 mm	220 mm	470 x 234 x 172h mm	290 x 222 mm	260 mm	18 mm	33 kg
M024/250	€ 507,00	250 x 45 mm	320 mm	612 x 280 x 186h mm	290 x 270 mm	245 mm	18 mm	50 kg

M530-

TILTING MILLING MACHINE VICE WITH 360° SWIVEL BASE

With interchangeable jaws in hardened and ground steel. Sliding parts ground. Fully covered screw. With crank and fixing screws



Box Cast Iron Mill Drill press

Art.	€	Jaws	Opening	Tilting	Dimensions	Base dimensions	Slot distance	Slot	Net weight
M530/100	€ 318,00	100 x 32 mm	90 mm	0° - 90°	325 x 180 x 150h mm	250 x 180 mm	230 mm	14 mm	15 kg
M530/125	€ 378,00	125 x 40 mm	100 mm	0° - 90°	360 x 206 x 165h mm	290 x 226 mm	260 mm	18 mm	24 kg
M530/160	€ 463,00	160 x 50 mm	125 mm	0° - 90°	443 x 270 x 194h mm	300 x 255 mm	270 mm	28 mm	35 kg

M027- PRO

DRILL PRESS VICE

Equipped with scraped guides for greater precision and better sliding





Box Cast Iron Drill press Mill

Art.	€	Jaws	Opening	Base dimensions	Net weight
M027/100	€ 158,00	100 x 40 mm	100 mm	290 x 170 mm	8 kg
M027/140	€ 222,00	140 x 50 mm	140 mm	375 x 230 mm	12 kg
M027/200	€ 360,00	200 x 60 mm	200 mm	485 x 295 mm	25 kg

M001-

DRILL PRESS VICE

Equipped with a prismatic jaw and a smooth jaw. Constant overall length thanks to the screw inserted in the handle



Box Cast Iron Drill press

Art.	€	Jaws	Opening	Base dimensions	Net weight
M001/100	€ 59,40	100 mm	80 mm	182 x 156 mm	4 kg
M001/120	€ 72,90	120 mm	110 mm	210 x 175 mm	5 kg
M001/150	€ 91,40	150 mm	135 mm	245 x 195 mm	7 kg

0142-

DRILL PRESS VICE

Equipped with a prismatic jaw and a smooth jaw



Box Cast Iron Drill press

Art.	€	Jaws	Opening	Base dimensions	Net weight
0142/75	€ 20,50	75 X 24 mm	55 mm	123 x 115 mm	1,5 kg
0142/100	€ 29,10	100 x 25,5 mm	85 mm	160 x 155 mm	2,5 kg
0142/125	€ 36,20	125 x 30 mm	100 mm	182 x 182 mm	4 kg

0698/100 € 91,90

TILTING VICE

Ideal for drilling with any angle of attack



Box Cast Iron Drill press

Jaws	105 x 47 mm
Opening	105 mm
Tilting	0°-15°-30°-45°-60°-75°-90°
Base	192 x 185 mm
Slot distance	160 mm
Dimensions	192 x 185 x 115h mm
Net weight	8 kg

M034/120 € 284,00

QUICK ACTING DRILL PRESS VICE

With prismatic jaw and swivel base



Box Cast Iron Drill press

Jaws	120 x 40 mm
Opening	120 mm
Base dimensions	220 x 130 mm
Slot	14 mm
Net weight	7 kg

0188-

2 - WAY CROSS VICE

Useful for performing precision drilling or tapping operations thanks to the longitudinal and lateral movement without removing the piece from the vice



Box Cast Iron Drill press

Art.	€	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Net weight
0188/100	€ 86,30	100 x 25 mm	90 mm	240 x 140 mm	140 mm	130 mm	110 mm	7,5 kg
0188/125	€ 122,00	125 x 40 mm	110 mm	255 x 160 mm	150 mm	170 mm	130 mm	13 kg
0188/150	€ 154,00	150 x 40 mm	145 mm	280 x 170 mm	160 mm	160 mm	180 mm	14,5 kg

0188-xG

2 - WAY CROSS VICE WITH SWIVEL BASE

Useful for performing precision drilling or tapping operations thanks to the longitudinal and lateral movement without removing the piece from the vice. Equipped with a swivel base



Box Cast Iron Drill press

Art.	€	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Slot	Net weight
0188/100G	€ 146,00	100 X 25 mm	90 mm	210 x 150 mm	175 mm	130 mm	110 mm	18mm	11,5 kg
0188/125G	€ 165,00	125 X 40 mm	120 mm	230 x 175 mm	180 mm	150 mm	120 mm	20mm	14,5 kg
0188/150G	€ 188,00	150 X 45 mm	150 mm	235 x 195 mm	190 mm	170 mm	115 mm	20mm	19,5 kg

P014 PRO € 318,00

PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping



28 Pcs Box Steel Tempered Grounded

Dimensions	150 x 10 x (14-16-18-20-22-24-26-28-30-32-35-40-45-50) mm
Hardness	HRC 60
Accuracy	± 0,005 mm

P015 PRO € 173,00

PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping



18 Pcs Box Steel Tempered Grounded

Dimensions	160 x 4 x (10-14-18-22-26-30-34-38-42) mm
Hardness	HRC 60
Accuracy	± 0,005 mm

P017 € 122,00

PARALLEL COUPLE SET

Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping



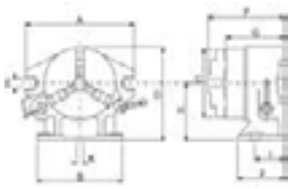
18 Pcs Box Steel Tempered Grounded

Dimensions	150 x 8 x (14-16-20-24-30-32-36-40-44) mm
Hardness	HRC 45
Accuracy	± 0,005 mm

D023 € 1850,00

HORIZONTAL AND VERTICAL RATCHET DIVIDING HEAD

It allows you to have various types of divisions based on the type of disc mounted. Division is done automatically using the feed lever. Complete with locking brackets





Wooden Box

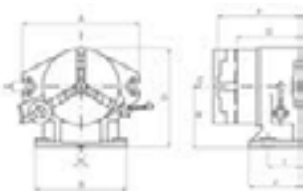
Mill

Dividing	2 - 3 - 4 - 6 - 8 - 12 - 24
A	230 mm
B	230 mm
C	160 mm
D	236 mm
E	18 mm
F	320 mm
G	285 mm
H	125 mm
I	- mm
J	210 mm
K	18 mm
Hole	30 mm
Hor. max load	50 kg
Ver. max load	10 kg
Net weight	66,5 kg

D003 € 1450,00

HORIZONTAL AND VERTICAL DIRECT DIVIDING HEAD

It allows you to have various types of divisions based on the type of disc mounted. Division is done automatically using the feed lever. Possibility of manual division from degree to degree 0 ° - 360 °





Wooden Box

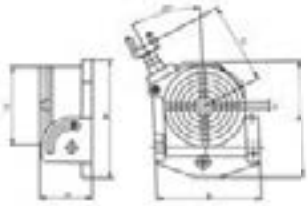
Mill

Dividing	2 - 3 - 4 - 6 - 8 - 12 - 24
A	310 mm
B	255 mm
C	210 mm
D	259,25 mm
E	18 mm
F	214 mm
G	171,5 mm
H	149,25 mm
I	80 mm
J	130 mm
K	16 mm
Hole	62 mm
Hor. max load	50 kg
Ver. max load	10 kg
Net weight	52 kg

T016/100 € 431,00

TILTING ROTARY TABLE

For precise positioning of both rotation and inclination thanks to the graduations on the handwheel and on tilt locking lever. Complete with locking brackets





Box

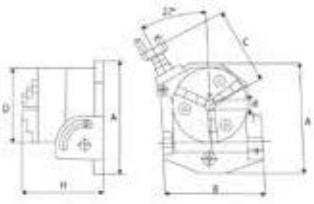
Mill

A	143 mm
B	130 mm
C	105 mm
D	102 mm
d	18 mm
H	68 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 6.35 mm | 5/16"
Horizontal height	102 mm
Net weight	5 kg

T017/100 € 616,00

TILTING ROTARY TABLE WITH CHUCK

For precise positioning of both rotation and inclination thanks to the graduations on the handwheel and on tilt locking lever. Complete with locking brackets





Box

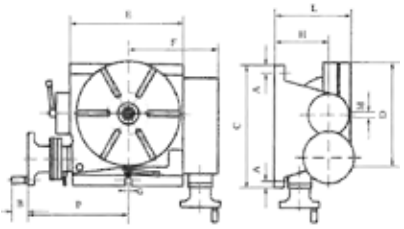
Mill

Chuck sizes	100 mm
A	143 mm
B	130 mm
C	105 mm
D	100 mm
d	20 mm
H	160 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 8 mm
Horizontal height	102 mm
Net weight	11 kg

T001-

0° ÷ 90° TILTING ROTARY TABLE

Equipped with micrometric adjustment and oil bath gears





Wooden Box

Mill

Art.	€	A	B	C	D	E	F	G	H	L	MT	Ratio	Slots	Hor. max load	Ver. max load	Net weight
T001/250	€ 2480,00	14 mm	40 mm	310 mm	250 mm	252 mm	199 mm	14 mm	140 mm	205 mm	3	1:90	6/12 N° / mm	200 kg	100 kg	78 kg
T001/320	€ 2720,00	16 mm	40 mm	380 mm	320 mm	322 mm	241 mm	18 mm	185 mm	257 mm	4	1:90	6/14 N° / mm	250 kg	125 kg	133 kg

D005-

DIVIDING PLATES FOR ROTARY TABLE



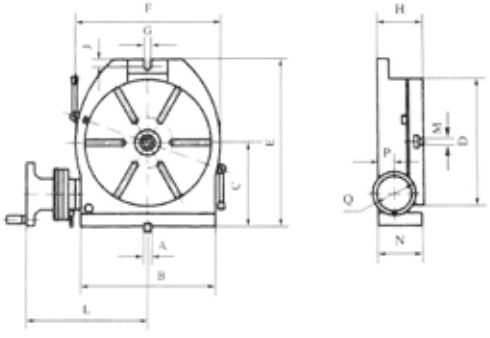
Box

Art.	€	For rotary table	Ratio	Plates holes	Hole	External
D005	€ 223,00	T001/250 - 320, T002/160 - 320	1:90	A: 34-37-38-39-41-43-44-50-52-56-6, B: 46-47-49-51-53-54-57-58-59-62-64	38 mm	130 mm
D005/100	€ 223,00	T002/100	1:72	A:10	29 mm	90 mm
D005/400	€ 250,00	T002/400	1:90	A: 34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-64	53 mm	170 mm
D005/500	€ 331,00	T012/500 T012/630	1:120	A: 33-34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-63-64	53 mm	170 mm

T002-

HORIZONTAL AND VERTICAL ROTARY TABLE

Equipped with micrometric adjustment and oil bath gears





Wooden Box

Mill

Art.	€	A	B	C	D	E	F	G	H	J	L	N	P	Q	MT	Ratio	Slots	Hor. max load	Ver. max load	Net weight
T002/100	€ 611,00	10 mm	125 mm	70 mm	100 mm	125 mm	125 mm	/	70 mm	0 mm	104 mm	48 mm	30 mm	50 mm	2	1:72	4/6 N° / mm	20 kg	10 kg	7 kg
T002/160	€ 769,00	12 mm	186 mm	125 mm	160 mm	242 mm	196 mm	12 mm	85 mm	12 mm	194 mm	82 mm	37 mm	125 mm	2	1:90	4/10 N° / mm	100 kg	50 kg	23 kg
T002/200	€ 897,00	14 mm	208 mm	150 mm	200 mm	285 mm	236 mm	14 mm	100 mm	15 mm	211 mm	99 mm	48 mm	125 mm	3	1:90	4/12 N° / mm	150 kg	75 kg	30 kg
T002/250	€ 949,00	14 mm	253 mm	170 mm	250 mm	328 mm	286 mm	14 mm	110 mm	16 mm	241 mm	106 mm	48 mm	125 mm	4	1:90	6/12 N° / mm	200 kg	100 kg	44 kg
T002/320	€ 1530,00	18 mm	321 mm	210 mm	320 mm	410 mm	360 mm	18 mm	120 mm	16 mm	273 mm	118 mm	48 mm	125 mm	4	1:90	6/14 N° / mm	250 kg	125 kg	75 kg
T002/400	€ 2130,00	18 mm	400 mm	260 mm	400 mm	525 mm	450 mm	18 mm	150 mm	16 mm	337 mm	145 mm	70 mm	160 mm	4	1:90	6/14 N° / mm	300 kg	150 kg	174 kg

C054 € 227,00

ADJUSTABLE TAILSTOCK



Wooden Box | Mill

For rotary table	T002/160
Centers height	95 - 150 mm
Net weight	9 kg

C051 € 299,00

ADJUSTABLE TAILSTOCK



Wooden Box | Mill

For rotary table	T001/250 - T002/200 - T002/250
MT	2
Centers height	140 - 180 mm
Net weight	18 kg

C052 € 387,00

ADJUSTABLE TAILSTOCK



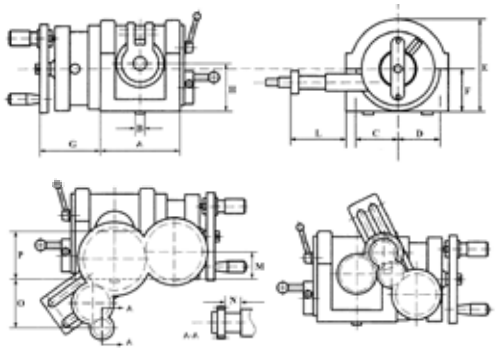
Wooden Box | Mill

For rotary table	T002/320 - T001/320
MT	2
Centers height	180 - 224 mm
Net weight	20 kg

D004-

UNIVERSAL DIVIDING HEAD WITH TAILSTOCK, CHUCK AND DIVIDING PLATES

Equipped with hardened and ground worm screw and precision tapered roller bearings. Allows the operator to perform exactly determined angular rotations, such as are required for the divisions of a circumference into a certain number of equal parts.





Wooden Box | Mill

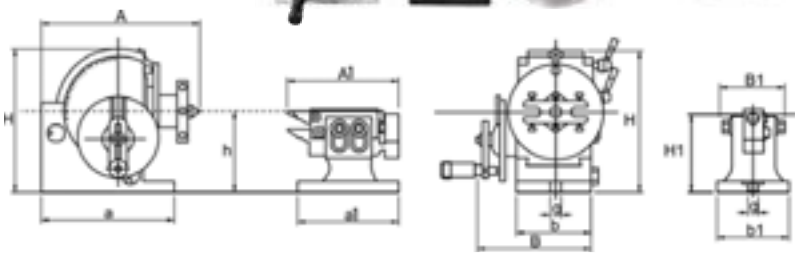
Art.	€	A	B	C	D	E	F	G	H	L	MT	N	P	Chuck sizes	Ratio	Capacity	Plates holes	Net weight
D004/100L	€ 2410,00	162 mm	14 mm	102 mm	87 mm	186 mm	95 mm	116 mm	100 mm	93 mm	3	30 mm	100 mm	Ø 125 mm	1:40	100 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66	67 kg
D004/125L	€ 2700,00	209 mm	18 mm	116 mm	98 mm	224 mm	117 mm	120 mm	125 mm	103 mm	4	34,5 mm	100 mm	Ø 160 mm	1:40	130 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66	119 kg
D004/160L	€ 3020,00	209 mm	18 mm	116 mm	98 mm	259 mm	152 mm	120 mm	160 mm	103 mm	4	34,5 mm	100 mm	Ø 200 mm	1:40	130 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66	125 kg

D006-

SEMI UNIVERSAL DIVIDING HEAD WITH TAILSTOCK AND DIVIDING PLATES

Chuck not included, equipped with hardened and ground worm screw and precision tapered roller bearings. allows the operator to perform exactly determined angular rotations, such as are required for the divisions of a circumference into a certain number of equal parts





Box | Mill

Art.	€	A	B	H	h	a	b	G	A1	B1	H1	h1	a1	b1	Suitable chuck	g1	Hole	MT	Ratio	Head tilt left and right	Plates holes	Net weight
D006/100	€ 833,00		131 mm	173 mm	100 mm	166 mm	90 mm	16 mm	175 mm	87 mm	102 mm	100 mm	130 mm	82 mm	Ø 125 mm	16 mm	Ø 18 mm	2	1:40	-10° - 90°	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	16 kg
D006/128	€ 1360,00		168 mm	220 mm	128 mm	206 mm	113 mm	16 mm	183 mm	87 mm	137 mm	128 mm	158 mm	110 mm	Ø160 mm	16 mm	Ø 20 mm	3	1:40	-10° - 90°	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	30 kg

T013 — € 1200,00

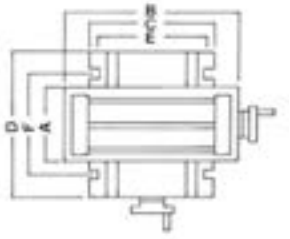
CROSS WORKING TABLE

With coolant channels. Adjustable handwheel graduation



Wooden Box | Cast Iron | Mill

A	210 mm
B	730 mm
C	315 mm
D	395 mm
E	240 mm
F	300 mm
Slot	14 mm
Height	155 mm
Travels	160 x 360 mm
Reading	0,05 mm
Net weight	70 kg



T014G — € 1020,00

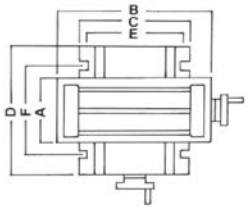
SWIVELING CROSS WORKING TABLE

Equipped with a swivel base. With coolant channels. Adjustable handwheel graduation



Wooden Box | Cast Iron | Mill

A	240 mm
B	600 mm
C	280 mm
D	340 mm
E	260 mm
F	250 mm
Slot	12 mm
Height	160 mm
Travels	155 x 370 mm
Reading	0,02 mm
Net weight	60 kg



T015 — PRO — € 538,00

CROSS WORKING TABLE

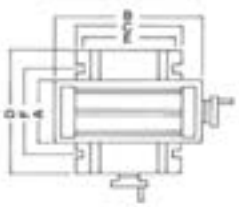
With adjustable graduation of the handwheel. Equipped with conical gib with screw on the head and scraped guides for greater precision and better sliding





Box | Cast Iron | Mill

A	100 mm
B	185 mm
C	130 mm
D	170 mm
E	104 mm
F	103 mm
Slot	10 mm
Height	100 mm
Travels	50 x 80 mm
Reading	0,01 mm
Net weight	10 kg



T015/E — € 286,00

CROSS WORKING TABLE

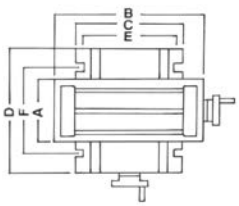
With adjustable graduation of the handwheel





Box | Cast Iron | Mill

A	100 mm
b	185 mm
C	130 mm
D	173 mm
E	102 mm
F	100 mm
Slot	10 mm
Height	104 mm
Travels	50 x 80 mm
Reading	0,01 mm
Net weight	10 kg



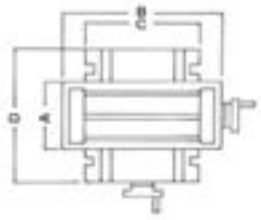
T008 € 333,00

CROSS WORKING TABLE



Box Cast Iron Mill

A	153 mm
B	475 mm
C	200 mm
D	270 mm
Slot	16 mm
Slot distance	75 mm
Height	130 mm
Travels	120 x 325 mm
Base locating slot	162 mm
Net weight	23 kg



T018/350 € 158,00

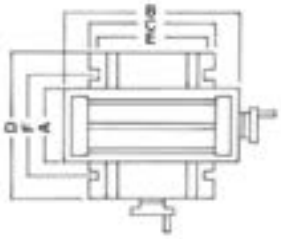
CROSS WORKING TABLE

With fixed millimeter scale for longitudinal table movements



Box Aluminum Mill Drill press

A	100 mm
B	350 mm
C	160 mm
D	190 mm
Height	120 mm
Slot	8 mm
Slot distance	36 mm
Travels	177 x 50 mm
Reading	0.05 mm
Overall dimensions	415 x 255 mm
Net weight	6 kg



T018/330 € 84,20

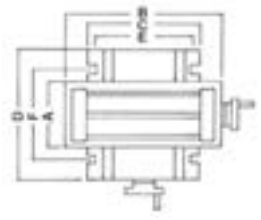
CROSS WORKING TABLE

With fixed millimeter scale for longitudinal table movements



Box Aluminum Mill Drill press

A	95 mm
B	330 mm
C	125 mm
D	145 mm
Height	82 mm
Slot	8 mm
Slot distance	36 mm
Travels	190 x 65 mm
Reading	0,05 mm
Overall dimensions	395 x 210 mm
Net weight	2,5 kg



T004-

ADJUSTABLE ANGLE PLATE

With tilting regulation on both sides



Wooden Box Cast Iron Mill

Art.	€	Dimensions	Slot	Tilting	Net weight
T004/250	€ 392,00	255 x 180 x 135h mm	12 mm	± 36°	15 kg
T004/380	€ 595,00	380 x 250 x 180h mm	16 mm	± 36°	45 kg
T004/600	€ 1010,00	610 x 305 x 253h mm	16 mm	± 36°	105 kg

P077- NEW

PERMANENT MAGNETIC CHUCK


Wooden Box


Steel

Art.	€	Dimensions	Magnetic force	Pole pitch	Net weight
P077/1525	€ 693,00	250 x 150 x 60 mm	180 N/cm2	3 + 12 mm	17 Kg
P077/1530	€ 825,00	300 x 150 x 60 mm	180 N/cm2	3 + 12 mm	20 Kg
P077/2040	€ 1460,00	400 x 200 x 60 mm	180 N/cm2	3 + 12 mm	37 Kg
P077/3050	€ 2750,00	500 x 300 x 60 mm	180 N/cm2	3 + 12 mm	65 Kg
P077/3060	€ 3300,00	600 x 300 x 60 mm	180 N/cm2	3 + 12 mm	80 Kg



P078- NEW

PERMANENT MAGNETIC CHUCK

With fixed polarity. it allows the machining of small and low thickness pieces due to fine pitch


Wooden Box


Steel

Art.	€	Dimensions	Magnetic force	Pole pitch	Net weight
P078/1525	€ 451,00	250 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	16 Kg
P078/1530	€ 534,00	300 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	17 Kg
P078/1535	€ 600,00	350 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	20 Kg
P078/1540	€ 671,00	400 x 150 x 51 mm	120 N/cm2	0,5 + 1,5 mm	24 Kg
P078/1545	€ 781,00	450 x 150 x 51 mm	120 N/cm2	0,5 + 1,5 mm	27 Kg
P078/2045	€ 1100,00	450 x 200 x 51 mm	120 N/cm2	0,5 + 1,5 mm	38 Kg
P078/2050	€ 1210,00	500 x 200 x 58 mm	120 N/cm2	0,5 + 1,5 mm	57 Kg
P078/2060	€ 1430,00	600 x 200 x 58 mm	120 N/cm2	0,5 + 1,5 mm	55 Kg



P079- NEW

MAGNETIC TOP WITH BREAST BAR


Box


Steel

Art.	€	Dimensions	Pole pitch	Tilting	Net weight
P079/1515	€ 880,00	150 x 150 x 86 mm	0,5 + 1,5 mm	0° - 60°	17 Kg
P079/1530	€ 1210,00	150 x 300 x 86 mm	0,5 + 1,5 mm	0° - 60°	32 Kg



K001-

CLAMPING KIT

Consisting of: 24 tie rods, 6 T-nuts, 6 low nuts, 4 joint sleeves, 6 simple brackets, 12 stair supports, practical wall support


58 Pcs


Box


Steel

Art.	€	Slot	Thread
K001/12	€ 114,00	12 mm	M10
K001/14	€ 127,00	14 mm	M12
K001/16	€ 148,00	16 mm	M14
K001/18	€ 185,00	18 mm	M16



k002-

CLAMPING SET

Consisting of 2 stepped supports, 2 tie rods and 2 T-head bolts and flanged nuts. To fix the elements to be milled on boards


6 Pcs


Hangable


Steel



Galvanized

Art.	€	2 Step blocks	2 Clamp	2 Studs with Tee nuts	Slot
K002/08	€ 30,70	25 x 25 x 42 mm	90 x 25 x 12 mm	M6 x 100 mm	8 mm
K002/10	€ 32,80	25 x 25 x 42 mm	100 x 25 x 15 mm	M8 x 100 mm	10 mm
K002/12	€ 36,00	25 x 25 x 42 mm	100 x 25 x 15 mm	M10 x 100 mm	12 mm
K002/14	€ 42,30	25 x 25 x 42 mm	100 x 31 x 19 mm	M12 x 100 mm	14 mm



FD0x-

MOUNTING WITH STUD

Camlock DIN 55029 to short cone with raw spindle side

Box | Wooden Box | Cast Iron | Lathe

Art.	€	Cam lock Type	Size	Thickness	Pins
FD04/200	€ 196,00	4"	Ø 200 mm	28 mm	Ø 15,9 mm
FD05/200	€ 196,00	5"	Ø 200 mm	30 mm	Ø 19 mm
FD05/250	€ 269,00	5"	Ø 250 mm	30 mm	Ø 19 mm
FD06/250	€ 275,00	6"	Ø 250 mm	30 mm	Ø 22 mm
FD06/380	€ 366,00	6"	Ø 400 mm	30 mm	Ø 22 mm
FD08/250	€ 278,00	8"	Ø 250 mm	30 mm	Ø 25,4 mm
FD08/320	€ 319,00	8"	Ø 320 mm	30 mm	Ø 25,4 mm
FD08/380	€ 486,00	8"	Ø 400 mm	30 mm	Ø 25,4 mm
FD08/500	€ 559,00	8"	Ø 500 mm	36 mm	Ø 25,4 mm
FD11/320	€ 338,00	11"	Ø 320 mm	30 mm	Ø 30,0 mm
FD11/400	€ 465,00	11"	Ø 400 mm	30 mm	Ø 30,0 mm
FD11/500	€ 595,00	11"	Ø 500 mm	36 mm	Ø 30 mm

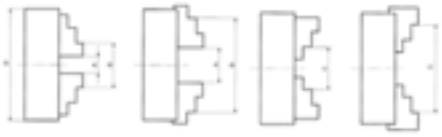


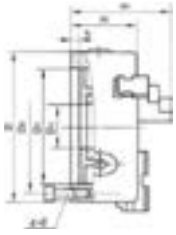
M049-

PRECISION SELF CENTERING

Single guide. integral jaws, concentric clamping, equipped with 1 series consisting of 3 internal jaws, 1 series consisting of 3 external jaws and tightening key

Box | Wooden Box | Cast Iron | Lathe







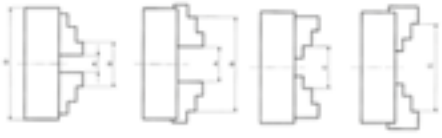
Art.	€	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M049/080	€ 170,00	55 mm	66 mm	16 mm	66 mm	50 mm	3,5 mm	3-M6 mm	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,6 kg
M049/100	€ 190,00	72 mm	84 mm	22 mm	74,5 mm	55 mm	3,5 mm	3-M8 mm	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3 kg
M049/125	€ 201,00	95 mm	108 mm	30 mm	78 mm	55 mm	3,5 mm	3-M8 mm	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,8 kg
M049/160	€ 265,00	130 mm	142 mm	40 mm	95 mm	65 mm	5 mm	3-M8 mm	12 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,5 kg
M049/200	€ 366,00	165 mm	180 mm	60 mm	109 mm	75 mm	6 mm	3-M10 mm	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	14,5 kg
M049/250	€ 426,00	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3-M12 mm	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	24 kg
M049/320	€ 754,00	270 mm	290 mm	100 mm	142 mm	90 mm	11 mm	3-M16 mm	13 mm	10 - 140 mm	95 - 320 mm	100 - 320 mm	45 kg
M049/400	€ 1170,00	340 mm	368 mm	130 mm	158 mm	100 mm	8 mm	3-M16 mm	15 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	72 kg

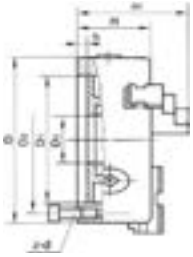
M449-

SELF CENTERING CHUCK

Single guide. integral jaws, concentric clamping, equipped with 1 series consisting of 4 internal jaws, 1 series consisting of 4 external jaws and tightening key

Box | Wooden Box | Cast Iron | Lathe







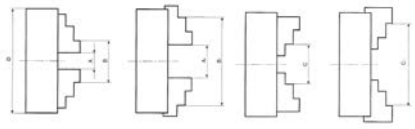
Art.	€	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M449/080	€ 178,00	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	3,5 mm	3 - M6 mm	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,8 kg
M449/100	€ 201,00	100 mm	72 mm	84 mm	22 mm	74,5 mm	55 mm	4,5 mm	3 - M8 mm	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3 kg
M449/125	€ 232,00	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3 - M8 mm	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5 kg
M449/160	€ 292,00	160 mm	130 mm	142 mm	40 mm	95 mm	65 mm	5 mm	3 - M8 mm	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,5 kg
M449/200	€ 413,00	200 mm	165 mm	187 mm	65 mm	109 mm	75 mm	5 mm	3 - M10 mm	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15 kg
M449/250	€ 534,00	250 mm	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3 - M12 mm	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	24 kg
M449/320	€ 918,00	320 mm	270 mm	290 mm	100 mm	142 mm	90 mm	6 mm	3-M16 mm	14 mm	10 - 140 mm	95 - 320 mm	100 - 320 mm	45 kg
M449/400	€ 1420,00	400 mm	340 mm	368 mm	130 mm	158 mm	100 mm	6 mm	3-M16 mm	17 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	74 kg

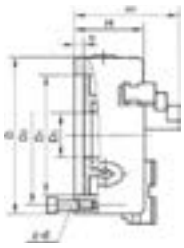
M005-

PRECISION SELF CENTERING CHUCK

With single guide, equipped with 3 clamps with base in hardened steel and internal - external reversible jaws, tightening wrench and jaw fixing screws

Box | Wooden Box | Cast Iron | Lathe







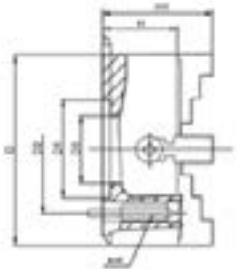
Art.	€	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M005/200	€ 366,00	165 mm	180 mm	65 mm	122 mm	75 mm	5 mm	3-M10 mm	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	12 kg
M005/250	€ 426,00	206 mm	226 mm	80 mm	135 mm	80 mm	5 mm	3-M12 mm	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	20 kg
M005/320	€ 672,00	270 mm	290 mm	100 mm	135 mm	90 mm	6 mm	3-M16 mm	14 mm	10 - 140 mm	95 - 320 mm	100 - 320 mm	42 kg
M005/400	€ 1080,00	340 mm	368 mm	130 mm	172 mm	100 mm	8 mm	3-M16 mm	17 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	68 kg
M005/500	€ 1840,00	440 mm	465 mm	200 mm	202 mm	115 mm	6 mm	6-M16 mm	17 mm	25 - 280 mm	150 - 500 mm	150 - 500 mm	110 kg
M005/630	€ 5200,00	560 mm	595 mm	260 mm	218 mm	130 mm	7 mm	6-M16 mm	19 mm	50 - 350 mm	170 - 630 mm	170 - 630 mm	200 kg

P444-

4 JAW INDEPENDENT CHUCK

With screw control, flange connection, reversible simple guide jaws for internal and external gripping. Equipped with jaw key and fixing screws

Box | Wooden Box | Cast Iron | Lathe







Art.	€	D	D1	D2	D3	H1	H	h	z-d	Spanner square	Net weight
P444/160	€ 229,00	160 mm	65 mm	95 mm	45 mm	97 mm	67 mm	4 mm	4 - M10 mm	10 mm	8 kg
P444/200	€ 299,00	200 mm	75 mm	95 mm	56 mm	107 mm	75 mm	6 mm	4 - M10 mm	10 mm	14 kg
P444/250	€ 399,00	250 mm	110 mm	130 mm	75 mm	120 mm	80 mm	6 mm	4 - M12 mm	12 mm	21,5 kg
P444/320	€ 640,00	320 mm	140 mm	165 mm	95 mm	134 mm	90 mm	6 mm	4 - M16 mm	14 mm	40 kg
P444/400	€ 838,00	400 mm	160 mm	185 mm	125 mm	141 mm	95 mm	8 mm	4 - M16 mm	14 mm	63 kg

M049-xST

3 SOLID SOFT JAWS SET

For self-centering chucks with simple guide



Steel

Art.	€	Diameter
M049/125ST	€ 91,80	Ø 125 mm
M049/160ST	€ 102,00	Ø 160 mm

M049-xGBD

3 SOFT JAWS SET

With base in hardened steel, for self-centering chuck with simple guide



Steel

Art.	€	Diameter
M049/200GBD	€ 178,00	Ø 200 mm
M049/250GBD	€ 235,00	Ø 250 mm
M049/320GBD	€ 329,00	Ø 320 mm
M049/400GBD	€ 423,00	Ø 400 mm

M449-xST

4 SOLID SOFT JAWS SET

For self-centering chucks with simple guide



Steel

Art.	€	Diameter
M449/125ST	€ 113,00	Ø 125 mm
M449/160ST	€ 132,00	Ø 160 mm

M449-xGBD

4 SOFT JAWS SET

With base in hardened steel, for self-centering chuck with simple guide



Steel

Art.	€	Diameter
M449/200GBD	€ 265,00	Ø 200 mm
M449/250GBD	€ 351,00	Ø 250 mm
M449/320GBD	€ 520,00	Ø 320 mm
M449/400GBD	€ 662,00	Ø 400 mm

2622x

SOFT TOP JAW FOR CHUCKS

Applicable on hard jaws



Steel

Art.	€	Ø	Slot distance
M075/160T	€ 24,90	160 mm	38,1 mm
M075/200T	€ 27,50	200 mm	44,50 mm
M075/250T	€ 29,70	250 mm	54 mm
M075/315T	€ 37,20	315 mm	63,5 mm
262206R	€ 75,60	400 mm	76,2 mm
262207R	€ 105,00	500 - 630 mm	76,2 mm

0563- NEW

LATHE CHUCK KEY

For spindles, with safety spring



Steel Burnished Lathe

Art.	€	Spanner square	Dimensions
0563/08	€ 11,90	8 mm	61 x 120 mm
0563/10	€ 15,10	10 mm	120 x 210 mm
0563/12	€ 17,80	12 mm	155 x 300 mm
0563/13	€ 20,10	13 mm	120 x 300 mm
0563/14	€ 23,30	14 mm	130 x 350 mm
0563/17	€ 26,50	17 mm	130 x 400 mm
0563/19	€ 29,70	19 mm	200 x 500 mm

0425-

4 JAW SELF-CENTERING CHUCK

For wood lathe, Ø 125mm.



Box Steel

Art.	€	Ø	Clamp capacity	Thread
0425/100	€ 191,00	95 mm	Int. 32 - 45 mm - Ext. 68 - 85 mm	1" - 8 TPI
0425/125	€ 217,00	125 mm	Int. 50 - 70 mm - Ext. 85 - 110 mm	1" - 8 TPI e M33 x 3,5

0751/A4 € 122,00

CHUCK FOR LATHE



Box Steel

4 jaw reversible self centering chuck	Ø 125 mm
Thread	1"- 8 TPI
Hole	Ø 22 mm

0751/P € 65,30

CHUCK FOR LATHE



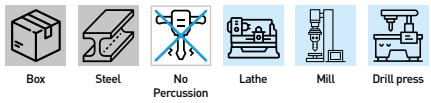
Box Steel

4 jaw independent reversible chuck	Ø 150 mm
Thread	1"- 8 TPI
Hole	Ø 22 mm

M051- PRO

HIGH PRECISION 3 JAWS KEYLESS DRILL CHUCK

For industrial use, even in the most severe conditions of use Sliding parts entirely hardened and ground. Spindle jaw hardness HRC58

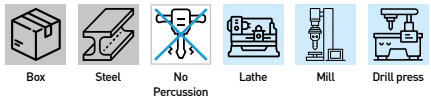




Art.	€	Capacity	Taper DIN	Dimensions
M051/08	€ 55,40	0,5 ÷ 8 mm	B 12	Ø 39 x 80 mm
M051/10	€ 55,40	1 ÷ 10 mm	B 12	Ø 44.5 x 82 mm
M051/13	€ 65,10	1 ÷ 13 mm	B 16	Ø 49.5 x 91 mm
M051/16	€ 78,50	1 ÷ 16 mm	B 18	Ø 54 x 102.5 mm
M051/20	€ 101,00	1 ÷ 20 mm	B 22	Ø 59 x 119 mm

M042- NEW

LIGHT DUTY PROFESSIONAL SELF-TIGHTENING KEYLESS DRILL CHUCKS

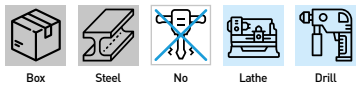




Art.	€	Capacity	Taper DIN
M042/08	€ 46,60	0.5 ÷ 8 mm	B12
M042/10	€ 47,70	1 ÷ 10 mm	B12
M042/13	€ 54,60	1 ÷ 13 mm	B16
M042/16	€ 65,70	3 ÷ 16 mm	B18
M042/20	€ 87,50	5 ÷ 20 mm	B22

M052- NEW

KEY TYPE TAPER HOLE DRILL CHUCKS

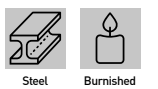


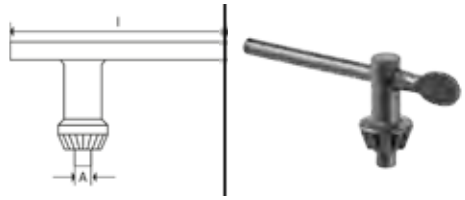


Art.	€	Capacity	Taper DIN	Dimensions
M052/10	€ 14,70	1 ÷ 10 mm	B12	Ø 39 x 80 mm
M052/13	€ 19,30	1 ÷ 13 mm	B16	Ø 41.5 x 95.4 mm
M052/16	€ 23,10	3 ÷ 16mm	B 18	Ø 49 x 108.2 mm
M052/20	€ 35,00	5 ÷ 20 mm	B22	Ø 54 x 114.1 mm

0711- NEW

DRILL CHUCKS KEYS

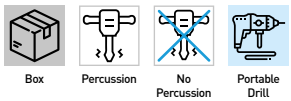




Art.	€	l	A
0711/06	€ 1,38	56 mm	5 mm
0711/10	€ 1,59	56 mm	5 mm
0711/13	€ 1,96	80 mm	6 mm
0711/16	€ 2,33	90 mm	7 mm
0711/20	€ 3,71	120 mm	8 mm

M050/13 € 15,60

KEYLESS CHUCK





Capacity	2 ÷ 13 mm
Shank	1/2 20 UNF

M080-

KEYLESS CHUCK WITH LOCK

For double rotation and percussion use.
Keyless quick locking with radial locking by rotating the spindle body. Body covered in synthetic material and operating parts in steel.
with left fixing screw



Blister | Percussion | No Percussion | Portable Drill

Art.	€	Capacity	Shank
M080/10	€ 17,60	0,8 ÷ 10 mm	3/8 24 UNF
M080/13	€ 19,00	2 ÷ 13 mm	1/2 20 UNF

M081- NEW

KEY TYPE TAPER HOLE DRILL CHUCKS

Box | Steel | Percussion | No Percussion | Portable Drill

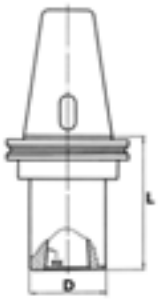


Art.	€	Capacity	Shank
M081/13	€ 10,10	1÷13mm	1/2" 20 UNF
M081/13A	€ 10,10	1÷13mm	3/8" 24 UNF

1-xA

MORSE TAPER ADAPTER

DIN 69871/A, balanced chuck body, with extraction slot for tools





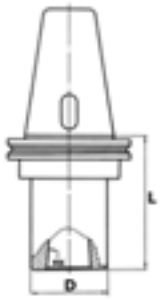
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	ISO	MT	D	L	Balancing rpm
1/1A40	€ 95,30	40	1	25 mm	45 mm	12000
1/2A40	€ 95,30	40	2	32 mm	60 mm	12000
1/3A40	€ 95,30	40	3	40 mm	75 mm	12000
1/4A40	€ 95,30	40	4	50 mm	98 mm	12000
1/2A50	€ 192,00	50	2	32 mm	40 mm	12000
1/3A50	€ 192,00	50	3	40 mm	50 mm	12000
1/4A50	€ 192,00	50	4	48 mm	95 mm	12000
1/5A50	€ 192,00	50	5	63 mm	110 mm	12000

1-xD

MORSE TAPER ADAPTER

MAS-403 BT, balanced chuck body, with extraction slot for tools





Box | 18Ni CrMo5 | Grounded | Mill

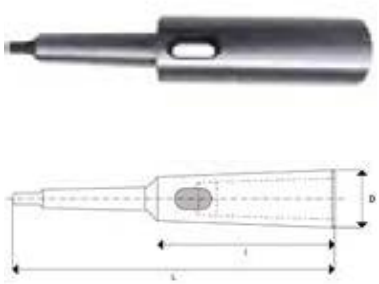
Art.	€	BT	MT	D	L	Balancing rpm
1/1D40	€ 136,00	40	1	25 mm	45 mm	12000
1/2D40	€ 136,00	40	2	32 mm	60 mm	12000
1/3D40	€ 136,00	40	3	40 mm	75 mm	12000
1/4D40	€ 136,00	40	4	50 mm	98 mm	12000
1/2D50	€ 140,00	50	2	32 mm	40 mm	12000
1/3D50	€ 140,00	50	3	40 mm	75 mm	12000
1/4D50	€ 156,00	50	4	50 mm	80 mm	12000
1/5D50	€ 184,00	50	5	63 mm	110 mm	12000

ST45-xL

EXTENDED MORSE TAPER ADAPTERS

For mounting tools with tapered shank DIN 2187 vices

Box Steel Tempered Grounded Lathe Mill Drill press



Art.	€	MT External	MT Internal	L	l	D
ST45/2/1L	€ 17,80	2	1	160 mm	85 mm	20 mm
ST45/2/2L	€ 21,70	2	2	175 mm	90 mm	30 mm
ST45/2/3L	€ 24,70	2	3	196 mm	121 mm	36 mm
ST45/3/1L	€ 23,30	3	1	175 mm	81 mm	20 mm
ST45/3/2L	€ 24,70	3	2	194 mm	100 mm	30 mm
ST45/3/3L	€ 34,70	3	3	215 mm	121 mm	36 mm
ST45/3/4L	€ 44,50	3	4	240 mm	146 mm	48 mm
ST45/4/1L	€ 36,10	4	1	200 mm	82,5 mm	20 mm
ST45/4/2L	€ 37,20	4	2	215 mm	97,5 mm	30 mm
ST45/4/3L	€ 45,00	4	3	240 mm	122,5 mm	36 mm
ST45/4/4L	€ 50,00	4	4	265 mm	147,5 mm	48 mm
ST45/4/5L	€ 71,70	4	5	300 mm	182,5 mm	63 mm
ST45/5/1L	€ 58,40	5	1	232 mm	82,5 mm	20 mm
ST45/5/2L	€ 59,40	5	2	247 mm	97,5 mm	30 mm
ST45/5/3L	€ 59,40	5	3	268 mm	118,5 mm	36 mm
ST45/5/4L	€ 67,30	5	4	300 mm	150,5 mm	48 mm
ST45/5/5L	€ 98,40	5	5	335 mm	185,5	63 mm
ST45/5/6L	€ 169,00	5	6	396 mm	247 mm	82 mm

A001-

PRECISION DRILL CHUCK SHANK

For spindles with taper shank DIN 238



Box Steel Tempered Grounded Lathe Mill Drill press

Art.	€	Spindle taper MT	Taper DIN
A001/2/12	€ 9,00	2	B12
A001/2/16	€ 10,20	2	B16
A001/2/18	€ 10,60	2	B18
A001/3/12	€ 15,80	3	B12
A001/3/16	€ 15,80	3	B16
A001/3/18	€ 15,80	3	B18
A001/3/22	€ 15,80	3	B22
A001/4/16	€ 19,00	4	B16
A001/4/18	€ 19,00	4	B18
A001/4/22	€ 19,00	4	B22

ST45-

PRECISION MORSE TAPER REDUCTION SLEEVE

For mounting tools with tapered shank DIN 2185 vices



Box Steel Tempered Grounded Lathe Mill Drill press

Art.	€	MT External	MT Internal
ST45/2/1	€ 11,30	2	1
ST45/3/1	€ 13,80	3	1
ST45/3/2	€ 14,70	3	2
ST45/4/1	€ 19,00	4	1
ST45/4/2	€ 19,00	4	2
ST45/4/3	€ 19,00	4	3
ST45/5/3	€ 30,30	5	3
ST45/5/4	€ 30,30	5	4

E002-

DRIFT SLEEVES

DIN 317, for cone extraction



Blister Steel Tempered Burnished Mill Drill press

Art.	€	MT
E002/12	€ 7,80	1-2
E002/3	€ 7,80	3
E002/4	€ 11,30	4

3-CM

COLLET CHUCK

DIN 228/A for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule



Box | 18NiCrMo5 | Grounded | Lathe | Mill | Magnetic Drill | Drill press

Art.	€	Pliers	D	L	L1	F	A
3/CM2	€ 87,90	ER 32	50 mm	135 mm	60 mm	M 10	3 / 20 mm
3/CM3	€ 87,90	ER 32	50 mm	146 mm	60 mm	M 12	3 / 20 mm
3/CM4	€ 98,70	ER 32	50 mm	166 mm	58 mm	M 16	3 / 20 mm

3A40-

COLLET CHUCK

DIN 69871/A, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule



Box | 18NiCrMo5 | Grounded | Mill

Art.	€	Pliers	A	D	L	F	Balancing rpm
3A40/16	€ 70,30	ER 16	1 / 10 mm	28 mm	100 mm	M 16	12000
3A40/20	€ 70,30	ER 20	2 / 13 mm	34 mm	100 mm	M 16	12000
3A40/25	€ 70,30	ER 25	2 / 16 mm	42 mm	100 mm	M 16	12000
3/A/40	€ 111,00	ER 32	3/20 mm	50 mm	72 mm	M 16	12000

3/B/40 € 102,00

COLLET CHUCK

DIN 2080, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule



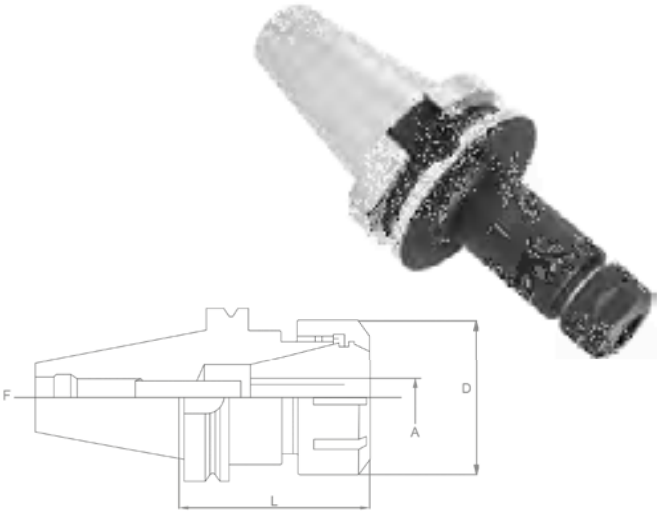
Box | 18NiCrMo5 | Grounded | Mill

Pliers	ER 32
A	3/20 mm
D	50 mm
L	65 mm
F	M 16
Balancing rpm	2000

3D40-

COLLET CHUCK

MAS-403 BT, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule



Box | 18NiCrMo5 | Grounded | Mill

Art.	€	Pliers	A	D	L	F	Balancing rpm
3D40/16	€ 70,30	ER 16	1 / 10 mm	28 mm	100 mm	M 16	12000
3D40/20	€ 70,30	ER 20	2 / 13 mm	34 mm	100 mm	M 16	12000
3D40/25	€ 70,30	ER 25	2 / 16 mm	42 mm	100 mm	M 16	12000
3/D/40	€ 111,00	ER 32	3/20 mm	50 mm	63 mm	M 16	12000

PR16/10P — € 86,70

ER16 SPRING COLLET SET

ER16 DIN 6499/B, usable with collet chucks



10 Pcs | Carrying case | 65Mn | Grounded

Sizes Ø 1-2-3-4-5-6-7-8-9-10 mm

PR20/12P — € 96,80

ER20 SPRING COLLET SET

ER16 DIN 6499/B, usable with collet chucks



12 Pcs | Carrying case | 65Mn | Grounded

Sizes Ø 2-3-4-5-6-7-8-9-10-11-12-13 mm

PR25/15P — € 127,00

ER25 SPRING COLLET SET

ER25 DIN 6499/B, usable with collet chucks



15 Pcs | Carrying case | 65Mn | Grounded

Sizes Ø 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16mm

P032/7P — € 117,00

ER32 SPRING COLLET SET



7 Pcs | Carrying case | 65Mn | Grounded

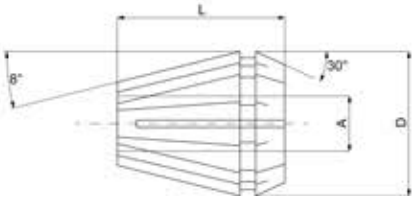
Sizes 4-6-8-10-12-16-20 mm

P032-

SPRING COLLET

ER32 DIN 6499-B, usable with collet chucks





Box | 65Mn | Grounded

Art.	€	Capacity A	D	L
P032/03	€ 14,30	2-3 mm	33 mm	40 mm
P032/04	€ 14,30	3-4 mm	33 mm	40 mm
P032/05	€ 14,30	4-5 mm	33 mm	40 mm
P032/06	€ 14,30	5-6 mm	33 mm	40 mm
P032/07	€ 14,30	6-7 mm	33 mm	40 mm
P032/08	€ 14,30	7-8 mm	33 mm	40 mm
P032/09	€ 14,30	8-9 mm	33 mm	40 mm
P032/10	€ 14,30	9-10 mm	33 mm	40 mm
P032/11	€ 14,30	10-11 mm	33 mm	40 mm
P032/12	€ 14,30	11-12 mm	33 mm	40 mm
P032/13	€ 14,30	12-13 mm	33 mm	40 mm
P032/14	€ 14,30	13-14 mm	33 mm	40 mm
P032/15	€ 14,30	14-15 mm	33 mm	40 mm
P032/16	€ 14,30	15-16 mm	33 mm	40 mm
P032/17	€ 14,30	16-17 mm	33 mm	40 mm
P032/18	€ 14,30	17-18 mm	33 mm	40 mm
P032/19	€ 14,30	18-19 mm	33 mm	40 mm
P032/20	€ 14,30	19-20 mm	33 mm	40 mm

P032/18P — € 245,00

ER32 SPRING COLLET SET



18 Pcs | Carrying case | 65Mn | Grounded

Sizes 3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 mm

G0x

SPARE RING

ER DIN 6499.



C45 | Tempered

Art.	€
G016	€ 9,40
G020	€ 10,30
G025	€ 14,10
G032	€ 35,40

CHERx

LOCK RING DRIVING KEY

DIN 6499.



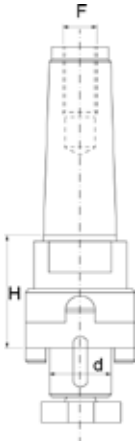
C45 | Tempered

Art.	€
CHER25	€ 15,10
CHER32	€ 19,20

16-CM

TAPER SHANK SHELL END MILL ADAPTER

DIN 228/A for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key





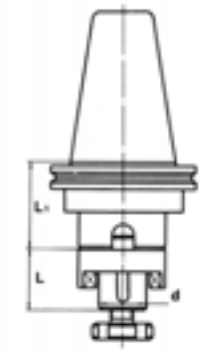
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	d - h6	Spindle taper MT	F	H
16/CM3	€ 93,10	16 mm	3	M 12	40 mm
16/CM4	€ 93,10	16 mm	4	M 16	55 mm
22/CM3	€ 93,10	22 mm	3	M 12	50 mm
22/CM4	€ 93,10	22 mm	4	M 16	55 mm
27/CM3	€ 93,10	27 mm	3	M 12	50 mm
27/CM4	€ 93,10	27 mm	4	M 16	55 mm

16Ax

ARBOR FOR MILLING CUTTERS

DIN 69871/A, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key





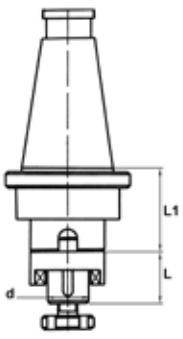
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	ISO	d-h6	L	L1	Balancing rpm
16A40	€ 108,00	40	16 mm	27 mm	35 mm	12000
22A40	€ 108,00	40	22 mm	31 mm	41 mm	12000
27A40	€ 108,00	40	27 mm	33 mm	41 mm	12000
32A40	€ 120,00	40	32 mm	38 mm	45 mm	12000
16A50	€ 150,00	50	16 mm	27 mm	35 mm	12000
22A50	€ 150,00	50	22 mm	31 mm	35 mm	12000
27A50	€ 150,00	50	27 mm	33 mm	35 mm	12000
32A50	€ 160,00	50	32 mm	38 mm	40 mm	12000
40A50	€ 175,00	50	40 mm	41 mm	40 mm	12000

16-B

ARBOR FOR MILLING CUTTERS

DIN 2080, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key





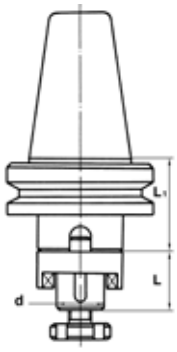
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	ISO	d - h6	L	L1	Balancing rpm
16/B40	€ 119,00	40	16 mm	27 mm	35 mm	2000
22/B40	€ 119,00	40	22 mm	31 mm	39 mm	2000
27/B40	€ 119,00	40	27 mm	33 mm	40 mm	2000
32/B40	€ 119,00	40	32 mm	38 mm	40 mm	2000
16/B50	€ 144,00	50	16 mm	27 mm	35 mm	2000
22/B50	€ 144,00	50	22 mm	31 mm	35 mm	2000
27/B50	€ 144,00	50	27 mm	33 mm	35 mm	2000
32/B50	€ 154,00	50	32 mm	38 mm	40 mm	2000
40/B50	€ 166,00	50	40 mm	41 mm	40 mm	2000

16-D

ARBOR FOR MILLING CUTTER

MAS-403 BT, balanced chuck body, for cylindrical end mills according to DIN 481, for milling cutters with longitudinal groove DIN 1880 and for insert milling cutters DIN 1830. Supplied with cross screw, drive ring and key





Box | 18Ni CrMo5 | Tempered | Grounded | Mill

Art.	€	BT	d - h6	L	L1	Balancing rpm
16/D40	€ 108,00	40	16 mm	27 mm	35 mm	12000
22/D40	€ 108,00	40	22 mm	31 mm	35 mm	12000
27/D40	€ 108,00	40	27 mm	33 mm	35 mm	12000
32/D40	€ 120,00	40	32 mm	38 mm	40 mm	12000
16/D50	€ 151,00	50	16 mm	27 mm	35 mm	12000
22/D50	€ 151,00	50	22 mm	31 mm	35 mm	12000
27/D50	€ 161,00	50	27 mm	33 mm	35 mm	12000
32/D50	€ 161,00	50	32 mm	38 mm	40 mm	12000
40/D50	€ 172,00	50	40 mm	41 mm	40 mm	12000

M004-

HOLE CUTTER SHANK WITH COOLANT SYSTEM AND WELDON SHANK

With system for the lubrication of the cutter from the inside during drilling



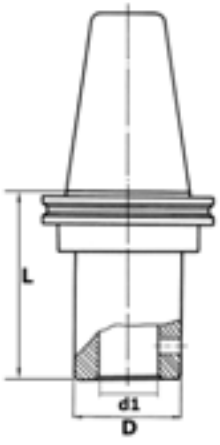
Box Lathe Mill Magnetic Drill Drill press

Art.	€	Spindle taper MT	Total length	Female junction
M004/2	**€ 177,00**	2	170,5 mm	Weldom 19,05 mm
M004/3	**€ 177,00**	3	190,5 mm	Weldon 19,05 mm

4-

WELDON SHANK TOOL HOLDER

DIN 69871/A, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw





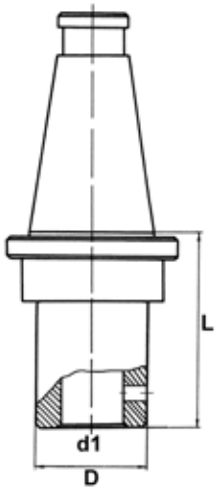
Box 18NiCrMo5 Grounded Mill

Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/06A40	**€ 87,90**	40	6 mm	25 mm	60 mm	12000
4/08A40	**€ 87,90**	40	8 mm	28 mm	60 mm	12000
4/10A40	**€ 87,90**	40	10 mm	35 mm	50 mm	12000
4/12A40	**€ 87,90**	40	12 mm	42 mm	60 mm	12000
4/14A40	**€ 87,90**	40	14 mm	42 mm	70 mm	12000
4/16A40	**€ 87,90**	40	16 mm	48 mm	70 mm	12000
4/18A40	**€ 87,90**	40	18 mm	48 mm	70 mm	12000
4/20A40	**€ 87,90**	40	20 mm	52 mm	63 mm	12000
4/25A40	**€ 87,90**	40	25 mm	40 mm	100 mm	12000
4/32A40	**€ 87,90**	40	32 mm	72 mm	100 mm	12000
4/06A50	**€ 121,00**	50	6 mm	25 mm	65 mm	12000
4/08A50	**€ 121,00**	50	8 mm	28 mm	65 mm	12000
4/10A50	**€ 121,00**	50	10 mm	35 mm	70 mm	12000
4/12A50	**€ 121,00**	50	12 mm	42 mm	75 mm	12000
4/14A50	**€ 121,00**	50	14 mm	42 mm	75 mm	12000
4/16A50	**€ 121,00**	50	16 mm	48 mm	80 mm	12000
4/18A50	**€ 121,00**	50	18 mm	48 mm	80 mm	12000
4/20A50	**€ 121,00**	50	20 mm	52 mm	80 mm	12000
4/25A50	**€ 128,00**	50	25 mm	65 mm	100 mm	12000
4/32A50	**€ 128,00**	50	32 mm	72 mm	105 mm	12000
4/40A50	**€ 139,00**	50	40 mm	80 mm	120 mm	12000

4-xB

WELDON SHANK TOOL HOLDER

MAS-403 BT, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw





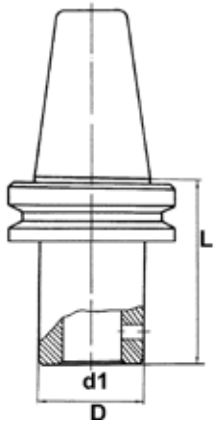
Box 18NiCrMo5 Grounded Mill

Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/06B40	**€ 118,00**	40	6 mm	25 mm	50 mm	2000
4/08B40	**€ 118,00**	40	8 mm	28 mm	50 mm	2000
4/10B40	**€ 118,00**	40	10 mm	35 mm	50 mm	2000
4/12B40	**€ 118,00**	40	12 mm	42 mm	50 mm	2000
4/16B40	**€ 118,00**	40	16 mm	48 mm	63 mm	2000
4/18B40	**€ 118,00**	40	18 mm	48 mm	50 mm	2000
4/20B40	**€ 118,00**	40	20 mm	52 mm	63 mm	2000
4/25B40	**€ 118,00**	40	25 mm	65 mm	100 mm	2000
4/32B40	**€ 118,00**	40	32 mm	72 mm	80 mm	2000
4/06B50	**€ 128,00**	50	6 mm	25 mm	50 mm	2000
4/08B50	**€ 128,00**	50	8 mm	28 mm	50 mm	2000
4/10B50	**€ 128,00**	50	10 mm	35 mm	50 mm	2000
4/12B50	**€ 128,00**	50	12 mm	42 mm	50 mm	2000
4/16B50	**€ 128,00**	50	16 mm	48 mm	50 mm	2000
4/20B50	**€ 140,00**	50	20 mm	52 mm	63 mm	2000
4/25B50	**€ 140,00**	50	25 mm	65 mm	80 mm	2000
4/32B50	**€ 140,00**	50	32 mm	72 mm	80 mm	2000
4/40B50	**€ 151,00**	50	40 mm	90 mm	90 mm	2000

4-xD

WELDON SHANK TOOL HOLDER

MAS-403 BT, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw





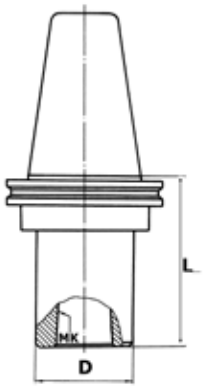
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	BT	d1 - h6	D	L	Balancing rpm
4/06D40	€ 95,30	40	6 mm	25 mm	60 mm	12000
4/08D40	€ 95,30	40	8 mm	28 mm	60 mm	12000
4/10D40	€ 95,30	40	10 mm	35 mm	60 mm	12000
4/12D40	€ 95,30	40	12 mm	42 mm	70 mm	12000
4/14D40	€ 95,30	40	14 mm	42 mm	70 mm	12000
4/16D40	€ 95,30	40	16 mm	48 mm	70 mm	12000
4/18D40	€ 95,30	40	18 mm	48 mm	70 mm	12000
4/20D40	€ 95,30	40	20 mm	52 mm	75 mm	12000
4/25D40	€ 95,30	40	25 mm	63 mm	100 mm	12000
4/32D40	€ 95,30	40	32 mm	72 mm	100 mm	12000
4/06D50	€ 126,00	50	6 mm	25 mm	65 mm	12000
4/08D50	€ 126,00	50	8 mm	28 mm	65 mm	12000
4/10D50	€ 126,00	50	10 mm	35 mm	70 mm	12000
4/12D50	€ 126,00	50	12 mm	42 mm	75 mm	12000
4/14D50	€ 126,00	50	14 mm	42 mm	75 mm	12000
4/16D50	€ 126,00	50	16 mm	48 mm	80 mm	12000
4/18D50	€ 126,00	50	18 mm	48 mm	80 mm	12000
4/20D50	€ 126,00	50	20 mm	52 mm	80 mm	12000
4/25D50	€ 140,00	50	25 mm	65 mm	100 mm	12000
4/32D50	€ 140,00	50	32 mm	72 mm	105 mm	12000
4/40D50	€ 140,00	50	40 mm	80 mm	120 mm	12000

2-xA

MORSE TAPER ADAPTER WITH THREAD

DIN 69871/A, balanced chuck body





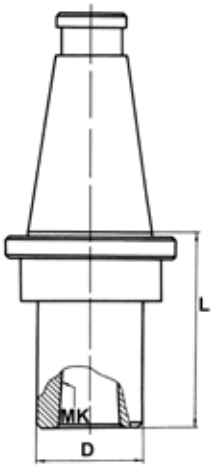
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	ISO	MT	D	L	Balancing rpm
2/1A40	€ 121,00	40	1	25 mm	45 mm	12000
2/2A40	€ 121,00	40	2	32 mm	60 mm	12000
2/3A40	€ 121,00	40	3	40 mm	75 mm	12000
2/4A40	€ 121,00	40	4	50 mm	98 mm	12000
2/2A50	€ 150,00	50	2	32 mm	40 mm	12000
2/3A50	€ 150,00	50	3	40 mm	50 mm	12000
2/4A50	€ 170,00	50	4	50 mm	80 mm	12000
2/5A50	€ 201,00	50	5	63 mm	110 mm	12000

2-xB

MORSE TAPER ADAPTER WITH THREAD

DIN 2080, balanced chuck body





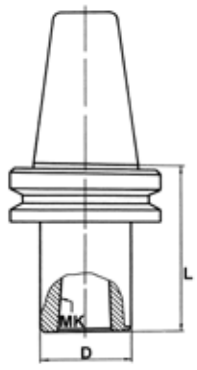
Box | 18Ni CrMo5 | Grounded | Mill

Art.	€	ISO	MT	D	L	Balancing rpm
2/1B40	€ 116,00	40	1	25 mm	15 mm	2000
2/2B40	€ 116,00	40	2	32 mm	30 mm	2000
2/3B40	€ 116,00	40	3	40 mm	64 mm	2000
2/4B40	€ 129,00	40	4	50 mm	94 mm	2000
2/2B50	€ 156,00	50	2	32 mm	20 mm	2000
2/3B50	€ 156,00	50	3	40 mm	30 mm	2000
2/4B50	€ 170,00	50	4	50 mm	65 mm	2000
2/5B50	€ 185,00	50	5	63 mm	105 mm	2000

2-xD

MORSE TAPER ADAPTER WITH THREAD

MAS-403 BT, balanced chuck body





Box | 18NiCrMo5 | Grounded | Mill

Art.	€	BT	MT	D	L	Balancing rpm
2/1D40	€ 116,00	40	1	25 mm	45 mm	12000
2/2D40	€ 116,00	40	2	32 mm	60 mm	12000
2/3D40	€ 116,00	40	3	40 mm	75 mm	12000
2/4D40	€ 121,00	40	4	50 mm	98 mm	12000
2/2D50	€ 154,00	50	2	32 mm	40 mm	12000
2/3D50	€ 154,00	50	3	40 mm	75 mm	12000
2/4D50	€ 179,00	50	4	50 mm	80 mm	12000
2/5D50	€ 203,00	50	5	63 mm	110 mm	12000

TIPAx

TIP

DIN 69871/A.



Box | Steel | Tempered | Mill

Art.	€	ISO
TIPA40	€ 17,90	40
TIPA50	€ 19,00	50

TIPDx

TIP

MAS-403 BT



Box | Steel | Grounded | Mill

Art.	€	ISO
TIPD40	€ 17,90	40
TIPD50	€ 19,00	50

M059-

REVERSIBLE TAPPING CHUCK WITH ADJUSTABLE CLUTCH

The adjustable safety device with friction reduces the possibility of breaking the male during the execution of the thread. Built-in rotation inverter, immediately active when the feed device is changed. Adjustable clutch in 4 positions. Equipped with 2 flexible pliers and keys for use.



Box | Mill | Magnetic Drill | Drill press

Art.	€	Tapping range	Dimensions w\o MT	Spindle taper MT	Taper DIN
M059/07	€ 481,00	M 2 - 7	Ø 55 x 130h mm	2	B16
M059/12	€ 551,00	M 5 - 12	Ø 75 x 162h mm	3	B16
M059/20	€ 674,00	M 8 - 20	Ø 91 x 204h mm	4	B22

M060-

TAPPING CHUCK

Thanks to the compensation, the possibility of breaking the male during the threading operation is significantly reduced. Possibility of adjusting the intensity of the compensation. Equipped with 6 sockets with Ø 19mm connection. Sockets per square: 3.5 x 2.7mm - 4.5 x 3.4mm - 6 x 4.9mm - 8 x 6.2mm - 10 x 8mm - 9 x 7mm



8 Pcs | Box | Mill | Magnetic Drill | Drill press

Art.	€	Tapping range	Arbor length with and without holder	Spindle taper MT
M060/2	€ 444,00	M 3 - 12	213 - 175 - Ø 46 mm	2
M060/3	€ 444,00	M 3 - 12	228 - 190 - Ø 46 mm	3
M060/4	€ 475,00	M 3 - 12	253 - 215 - Ø 46 mm	4

T021-

AUTOMATIC PRECISION BORING HEAD

To slightly correct the axiality and diameter of the holes. It can work automatically and manually

Lathe · Mill · Drill press · Box · 40 Cr · Grounded







Art.	€
T021/030	€ 1890,00
T021/030CM3	€ 1890,00
T021/050	€ 2200,00
T021/100	€ 2540,00
T021/100/50	€ 2540,00

	T021/030 T021/030CM3	T021/050	T021/100 T021/100/50
Max facing and boring Ø	150 mmv	350 mm	450 mm
Max stroke of slide	± 15 mm	± 25 mm	± 50 mm
Fine feed per graduation	0,005 mm	0,005 mm	0,005 mm
Manual feed per revolution	2 mm	3 mm	3 mm
Self acting feed per revolution	0,02-0,04-0,06 0,08-0,10-0,12 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm
Ø of tool post holes in head	18 mm	22 mm	22 mm
Max Ø of head	90 mm	120 mm	168 mm
Height of head without shank - (H)	87,5 mm	118 mm	118 mm
Weight of head without shank	2,9 kg	6,1 kg	7,8 kg
Length of sliding block	75 mm	105 mm	160 mm
Width of sliding block	70 mm	90 mm	90 mm
Collets hole	4 - 8 - 12 mm	8 - 10 - 12 - 14 mm	8 - 10 - 12 - 14 mm
Accessories	1 - 2 - 6	1 - 2 - 3 - 4 - 5	1 - 2 - 3 - 4 - 5
Extension hole for tool holder	Ø 6 mm	Ø 10 mm	Ø 10 mm

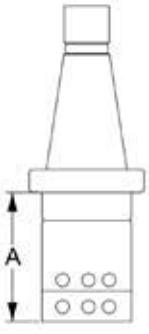
T010-

PRECISION BORING HEAD

Tool kit not included, to slightly correct the axiality and diameter of the holes

Box · 40 Cr · Grounded · Lathe · Mill · Drill press





Art.	€	Boring head body	Shank	Tools	Max offset	A
T010/5003	€ 264,00	Ø 50 mm	CM/MT3-DIN228A	Ø 12 mm	15 mm	75 mm
T010/5004	€ 264,00	Ø 50 mm	CM/MT4-DIN228A	Ø 12 mm	15 mm	75 mm
T010/5040	€ 264,00	Ø 50 mm	ISO 40-DIN2080	Ø 12 mm	15 mm	81 mm
T010/7540	€ 302,00	Ø 75 mm	ISO 40-DIN2080	Ø 18 mm	25 mm	99 mm

B001-

SOLID BORING BAR SET FOR PRECISION BORING HEADS

For the various boring operations



Box · Burnished · External

Art.	€	Suitable	Spindle	Length	Screw	Insert (not included)
B001/12	€ 122,00	T010/50	12 Ø mm	60 mm	KV250	TCMT110204N
B001/18	€ 122,00	T010/75	18 Ø mm	99 mm	KV250	TCMT110204N

S007- PRO

CHUCK HOLDER TILTABLE

DIN 2080, DIN 69871/A and MAS BT-TC, it allows the orientation of the tool holders on the vertical and horizontal axes to facilitate the assembly of the tools. The cone of the tool holders is protected by two suitably positioned O-rings. Steel cone, operating levers in thermoplastic material, base to be fixed to the workbench with 4 screws



Box Steel

Art.	€	Dimensions	Base	Taper
S007/30	€ 223,00	230 x h150mm	Ø 150 mm	ISO 30 DIN 2080 - SK30 DIN 69871 - BT30 - CAT30 - HSK50A - CAPTO C5
S007/40	€ 227,00	235 x h155mm	Ø 150 mm	ISO 40 DIN 2080 - SK40 DIN 69871 - BT40 - CAT40 - HSK63A - CAPTO C6
S007/50	€ 254,00	265 x h200mm	Ø 180 mm	ISO 50 DIN 2080 - SK50 DIN 69871 - BT50 - CAT50 - HSK100A - CAPTO C10

S014-

CHUCK HOLDER

Equipped with vertical and horizontal position. Base with 4 fixing holes to fix it to the workbench



Wooden Box

Art.	€	Chuck sizes
S014/40BT	€ 78,50	BT 40 ISO 40
S014/40DIN	€ 78,50	DIN 69871.40 ISO 40
S014/50BT	€ 178,00	BT 50 ISO 50
S014/50DIN	€ 178,00	DIN 69871.50 ISO 50

P450 € 528,00

TOOL ROLLING CABINET KIT

Equipped with slotted walls with the insertion of bush holder frames, carrying handle. Supplied in assembly kit with 20 cone holders



Box

Dimensions	950 x 650 x 830h mm
Taper	ISO 50

P440 € 475,00

TOOL ROLLING CABINET KIT

Equipped with slotted walls with the insertion of bush holder frames, carrying handle. Supplied in assembly kit with 28 cone holders



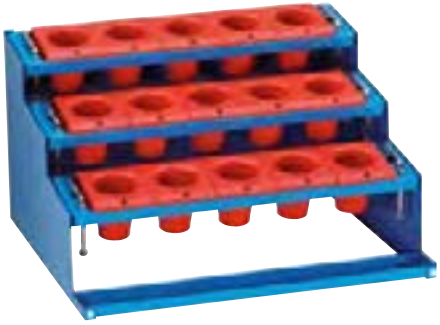
Box

Dimensions	950 x 650 x 830h mm
Taper	ISO 40

P350 € 184,00

TOOL ROLLING CABINET KIT

Frame that can be positioned on the workbench or on the cabinets, designed for the insertion of tool holder bushings on three rows. Supplied in assembly kit with 15 cone holders



Box

Dimensions	600 x 500 x 350h mm
Taper	ISO 50

P340 € 190,00

TABLE TOOL RACK KIT

Frame that can be positioned on the workbench or on the cabinets, designed for the insertion of tool holder bushings on three rows. Supplied in assembly kit with 21 cone holders



Box

Dimensions	600 x 500 x 350h mm
Taper	ISO 40

PC50 € 50,60

TOOL HOLDER SHELFS

Equipped with handles for handling. Supplied with 5 cone holders



Box

Dimensions	600 x 145 mm
Taper	ISO 50

PC40 € 50,60

TOOL HOLDER SHELFS

Equipped with handles for handling. Supplied with 7 cone holders.



Box

Dimensions	600 x 145 mm
Taper	ISO 40

PC50/R € 53,50

TOOL HOLDER SET

Pin fixing.



10 Pcs Box Plastic

Dimensions	136 x 102 mm
Taper	ISO 50

PC40/R € 49,90

TOOL HOLDER SET

Pin fixing.



10 Pcs Box Plastic

Dimensions	136 x 72 mm
Taper	ISO 40

P4CS € 20,00

COUPLE OF SUPPORTS

For tool rolling cabinet



PC4P € 21,40

4 FEET SET

For tool holder shelf





C046-

ROTARY LIVE CENTER

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining



Box Steel Tempered Grounded Lathe

Art.	€	Spindle taper MT	Center	Body	Length	rpm max	Maximum capacity
C046/2	€ 71,70	2	60° - max Ø21mm	Ø 45 mm	152 mm	2500 g/min	50 kg
C046/3	€ 87,00	3	60° - max Ø27mm	Ø 53 mm	180 mm	2500 g/min	75 kg
C046/4	€ 92,20	4	60° - max Ø29mm	Ø 63 mm	218 mm	2000 g/min	150 kg
C046/5	€ 127,00	5	60° - max Ø37mm	Ø 87 mm	276 mm	2000 g/min	200 kg

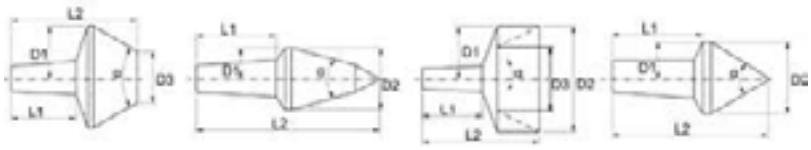
C050-

PRECISION LIVE CENTER SET

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining. Complete with 7 interchangeable inserts and extractor for the inserts



9 Pcs Carrying case Steel Tempered Grounded Lathe



Art.	€	CM	A	B	C	D	E	F	G
C050/2	€ 173,00	2	L2 39 mm - D2-D3 16 mm - α 60° mm	L2 35,5 mm - D2-D3 16 mm - α 75° mm	L2 33 mm - D2-D3 16 mm - α 90° mm	L2 46 mm - D2-D3 16 mm - α 60° mm	L2 40 mm - D2-D3 25 mm / 10 mm - α 60° mm	L2 36 mm - D2-D3 16 mm / 10 mm - α 60° mm	L2 39 mm - D2-D3 20 mm / 16 mm - α 60° mm
C050/3	€ 194,00	3	L2 48 mm - D2-D3 20 mm - α 60° mm	L2 43,5 mm - D2-D3 20 mm - α 75° mm	L2 40,5 mm - D2-D3 20 mm - α 90° mm	L2 56 mm - D2-D3 18 mm - α 60° mm	L2 50 mm - D2-D3 35 mm / 15 mm - α 60° mm	L2 42 mm - D2-D3 22 mm / 18 mm - α 60° mm	L2 48 mm - D2-D3 35 mm / 30 mm - α 60° mm
C050/4	€ 282,00	4	L2 61,5 mm - D2-D3 28 mm - α 60° mm	L2 55,5 mm - D2-D3 28 mm - α 75° mm	L2 51,5 mm - D2-D3 28 mm - α 90° mm	L2 73 mm - D2-D3 26 mm - α 60° mm	L2 61,5 mm - D2-D3 55 mm / 30 mm - α 60° mm	L2 55 mm - D2-D3 40 mm / 35 mm - α 60° mm	L2 60 mm - D2-D3 55 mm / 48 mm - α 60° mm

C055-

TUBE ROTARY LIVE CENTER

For turning and grinding of pipes and hollow bodies



Box Steel Tempered Grounded Lathe

Art.	€	Spindle taper MT	Ø	Length	rpm max	Maximum capacity
C055/3	€ 207,00	3	60° - 30 ÷ 100 mm	170 mm	2500 g/min	200 kg
C055/4	€ 293,00	4	60° - 40 ÷ 160 mm	230 mm	1600 g/min	350 kg
C055/5	€ 410,00	5	60° - 66 ÷ 200 mm	260 mm	1500 g/min	350 kg

C053-

CARBIDE TIPPED DEAD CENTER

Mainly used in lathes with the aim of stabilizing long and thin pieces, more subject to bending or uncontrolled oscillation caused by the forces generated during machining



Box HM Grounded Lathe

Art.	€	Spindle taper MT	Carbide center max	Length
C053/2	€ 18,80	2	60° - max Ø 8 mm	100 mm
C053/3	€ 20,80	3	60° - max Ø 11 mm	125 mm
C053/4	€ 30,70	4	60° - max Ø 13 mm	160 mm
C053/5	€ 47,60	5	60° - max Ø 17 mm	200 mm

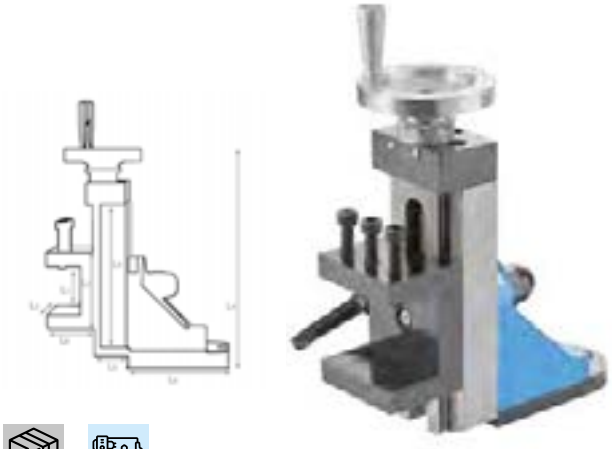
HOW TO CHOOSE YOUR TOOL POST

LATHE CENTERS HEIGHT	TOOL POST TYPE
90 mm	A0
120 mm	A1
140 mm	A
150 - 200 mm	E
200 - 250 mm	B
250 - 350 mm	C

0688 **€ 196,00**

LATHE MILL TABLE UNIVERSAL DEVICE

It allows you to perform a surface machining on the clamped piece with the use of the lathe spindle as a tool holder. Fixing by mechanical adaptation to the machine in which it is to be applied



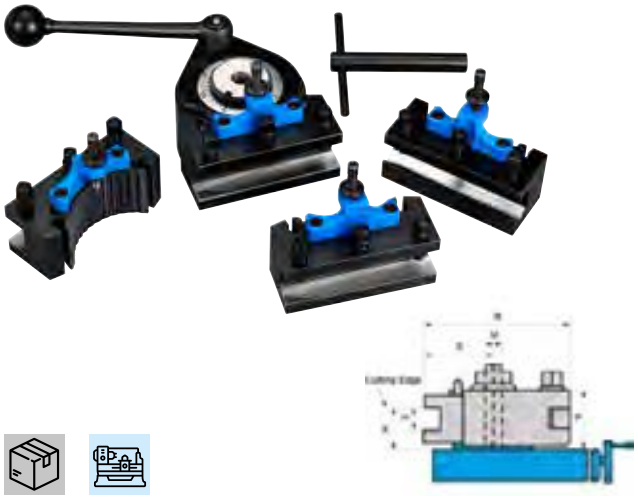
Box Lathe

L1	52 mm
L2	80 mm
L3	65 mm
L4	220 mm
L5	37 mm
L6	110 mm
L8	46 mm
L9	150 mm

T00x

QUICK CHANGE TOOL POST

With hardened and ground toothing. By acting on an eccentric pin, the tool holder is locked on the toothing of the body. It allows reproducibility of 40 possible angular positions of the tool holder. This accuracy is maintained even after countless tool changes. Consisting of: 1 tool holder turret, 3 flat seat tool holders, 1 prismatic seat tool holder



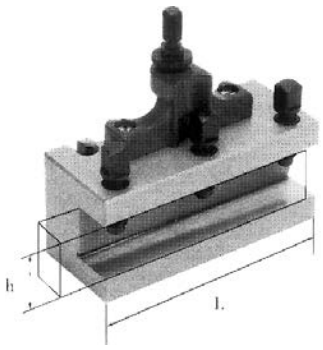
Box Lathe

Art.	€	R max	S max	P	H	X min
T00A	€ 799,00	100 mm	54 mm	48 mm	16 mm	30 mm
T00B	€ 1020,00	150 mm	75 mm	71 mm	25 mm	37 mm
T00C	€ 1630,00	202 mm	105 mm	102 mm	32 mm	47 mm
T00E	€ 844,00	125 mm	68 mm	60 mm	20 mm	35 mm

T00x-D

FLAT TYPE TOOL HOLDERS

Type D equipped with screw for height adjustment and 3 clamping screws



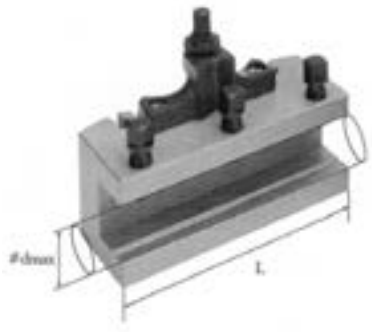
Box Lathe

Art.	€	L	h
T00A/D	€ 113,00	80 mm	16 mm
T00B/D	€ 169,00	120 mm	25 mm
T00C/D	€ 261,00	150 mm	32 mm
T00E/D	€ 152,00	100 mm	20 mm

T00x-B

PRISMATIC TYPE TOOL HOLDERS

Type B equipped with screw for height adjustment and 3 clamping screws



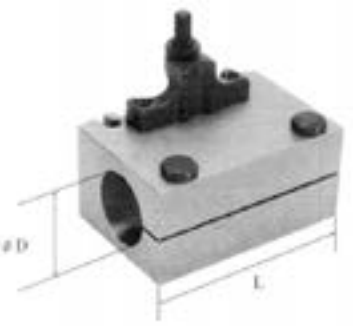
Box Lathe

Art.	€	L	d max
T00A/B	€ 118,00	80 mm	20 mm
T00B/B	€ 174,00	130 mm	32 mm
T00C/B	€ 258,00	160 mm	32 mm
T00E/B	€ 169,00	100 mm	30 mm

T00x-S

TOOL HOLDERS FOR SOCKET

Type S, suitable for housing morse taper bushes cod. C40142, and for the direct housing of turning bars. Equipped with adjustment screw and 2 locking screws



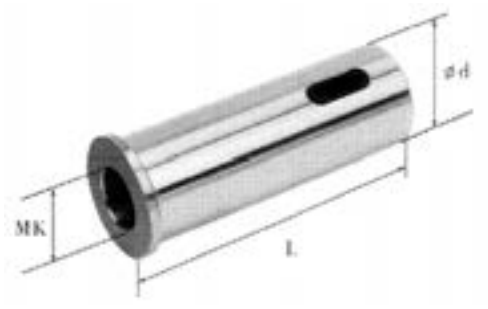
Box Lathe

Art.	€	L	D
T00A/S	€ 129,00	80 mm	30 mm
T00B/S	€ 214,00	120 mm	40 mm
T00C/S	€ 302,00	150 mm	40 mm
T00E/S	€ 174,00	100 mm	30 mm

T00x-LC

REDUCTION SLEEVE

For housing tools with CM attachment



Box Lathe

Art.	€	L	d	MT
T00AE/LCM1	€ 37,60	80 mm	30 mm	1
T00AE/LCM2	€ 37,60	95 mm	30 mm	2
T00BC/LCM2	€ 40,70	105 mm	36 mm	2
T00BC/LCM3	€ 40,70	120 mm	40 mm	3
T00BC/LCM4	€ 62,70	150 mm	40 mm	4

T0Ax

QUICK CHANGE TOOL POST

For quick tool changes thanks to the lock / unlock lever.
Composed of: - 1 tool post - 4 flat type tool holders



Box Lathe

Art.	€	Length	Width	Working height	Hole	Tool H
T0AA	€ 267,00	57 mm	64 mm	56 mm	14,4 mm	14 mm
T0AB	€ 449,00	85 mm	85 mm	76 mm	19,9 mm	20 mm
T0AC	€ 579,00	100 mm	100 mm	92 mm	22,22 mm	25 mm
T0AE	€ 339,00	100 mm	100 mm	90 mm	16,5 mm	20 mm

T0Ax-D

FLAT TYPE TOOL HOLDERS

Quick change with flat seat equipped with screw for height adjustment and 4 tightening screws



Box Lathe

Art.	€	Length	Width	Height	Tool height
T0AA/D	€ 61,50	76 mm	25,5 mm	38 mm	14 mm
T0AB/D	€ 86,10	108 mm	35 mm	54 mm	20 mm
T0AC/D	€ 101,00	125 mm	40 mm	63 mm	25 mm
T0AE/D	€ 73,70	89 mm	29 mm	45 mm	20 mm

T00A1 € 256,00

QUICK CHANGE TOOL POST

For quick tool changes thanks to the locking / unlocking pin.
Composition of the set: - 1 tool holder turret - 3 tool holders with flat seat



Box Lathe

Length	57 mm
Width	57 mm
Height	37 mm
Hole	16 mm
Tool height	14 mm

T00A1/PP € 51,60

FLAT TYPE TOOL HOLDERS

Quick change with flat seat equipped with screw for height adjustment and 4 tightening screws



Box Lathe

Length	57 mm
Width	25 mm
Height	25 mm
Tool height	12 mm

T00Ax

QUICK CHANGE TOOL POST

For quick tool changes thanks to the locking / unlocking pin.
Composition of the set: - 1 tool holder turret - 3 tool holders with flat seat.



Box Lathe

Art.	€	Length	Width	Height	Hole	Tool height
T00A0	**€ 119,00**	60 mm	50 mm	30 mm	10 mm	12 mm
T00A1R	**€ 158,00**	68 mm	68 mm	47 mm	10 mm	19 mm

T00Ax-PP

FLAT TYPE TOOL HOLDERS

Quick change with flat seat equipped with screw for height adjustment and 2 tightening screws



Box Lathe

Art.	€	Length	Width	Height	Tool height
T00A0/PP	**€ 37,30**	50 mm	22 mm	24 mm	12 mm
T00A1R/PP	**€ 38,20**	66 mm	27 mm	46 mm	19 mm



M038 — € 674,00

CROSS FEED MOTOR

For X axis, horizontal motor position, table with feed through adjustable potentiometer for displacements and button for rapid movements, moreover the rotation of the motor is both clockwise and anticlockwise.







Box Mill

Round speed	0 ÷ 200 rpm
Torque	5,1 Nm
Motor	230 V 50 Hz 0,1 kW
Net weight	6 kg

P018-

COOLING SYSTEM FOR MACHINES

To allow refrigeration on machines such as lathes, column drills, cutters not equipped with a system



Box Lathe Mill Drill press

Art.	€	Power	Tank capacity	Pump capacity
P018/230V	**€ 351,00**	230V - 50Hz - 40W	10 l	22 l/min
P018/400V	**€ 351,00**	400V - 50Hz - 40W	10 l	22 l/min

T999/3A — NEW — € 1500,00

LATHE DISPLAY KIT

Equipped with 3-axis display, measuring lines and connection cables

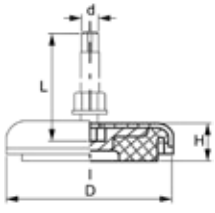


Box

Straight jaws	Cross slide 335 mm | Long. turret 235 mm | Long. slide 1170 mm

0715- — PRO NEW

ANTI-VIBRATION MOUNTINGS





Box NBR

Art.	€	D	d	L	H	Capacity
0715/0080	**€ 27,80**	40 mm	M5	30 mm	15 mm	80 Kg
0715/0400	**€ 38,90**	80 mm	M10	80 mm	25 mm	400 Kg
0715/1100	**€ 55,50**	120 mm	M12	100 mm	32 mm	1100 Kg
0715/2000	**€ 66,60**	160 mm	M16	120 mm	35 mm	2000 Kg

T200 — € 17,20

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 6mm and connection of ¼ ". completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n. 21 segments n. 1 nozzle: hole Ø 1,5mm n. 1 nozzle: hole Ø 3mm n. 1 fitting: 1/8" n. 1 fitting: 1/4" n. 1 plain nozzle.



26 Pcs Lathe Mill Drill press made in Italy

Total length	350 mm
Hose diameter	6 mm - 1/4"

T201 — € 18,80

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 12mm and connection of ½". Completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n. 16 segments n. 1 nozzle - hole: Ø 5mm n. 1 fitting 1/2" n. 1 plain nozzle.



19 Pcs Lathe Mill Drill press made in Italy

Total length	400 mm
Hose diameter	12 mm - 1/2"

T338-

CHROMED METAL JOINTED TUBE FOR REFRIGERATING LIQUIDS



Steel · Chromed · Lathe · Mill · Drill press

Art.	€	Total length	Thread
T338/500	€ 17,80	500 mm	3/8"
T338/600	€ 19,70	600 mm	3/8"

S100 € 58,10

BENCH GRINDER SAFETY GUARD WITH LEXAN SCREEN



Angle grinder · made in Italy

Dimensions	110 x 120 mm

Tx

LATH E CHUCK SAFETY GUARD STEEL FRAME WITH LEXAN SCREEN



Box · Lathe · made in Italy

Art.	€	Dimensions
T400	€ 186,00	Ø 400 x 200 mm
T500	€ 198,00	Ø 500 x 220 mm
T600	€ 215,00	Ø 600 x 280 mm

Mx

UNIVERSAL SUPPORT UNIT FOR LATHE WITH CHUCK SAFETY GUARD WITH MICROSWITCH



Lathe · made in Italy

Art.	€	Spindle	Length
M400	€ 234,00	Ø 30 mm	350 mm
M500	€ 242,00	Ø 30 mm	400 mm
M600	€ 252,00	Ø 30 mm	450 mm

P100/250 € 124,00

MACHINE TOOL SAFETY GUARD

With safety microswitch, adjustable height



Box · Lathe · Mill · Drill press

Spindle	400 mm
Shield	150x250 H x L mm

P101-

MACHINE TOOL SAFETY GUARD

Adjustable and tilting height, lexan screen, safety microswitch





Lathe · Mill · Drill press · made in Italy

Art.	€	Spindle	Shield
P101/300	€ 400,00	400L mm	150 x 350 H x L mm
P101/350	€ 421,00	600L mm	200 x 440 H x L mm
P101/400	€ 434,00	500L mm	150 x 370 H x L mm

0531A — € 153,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Drill press · Circular saw · Band saw · Box · IP65 · Lathe · Mill

Power	12 - 24 V 13 W AC/DC
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	110 mm
Diameter	125 mm
Joints	1

0532A — € 186,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer



Drill press · Circular saw · Band saw · Box · IP65 · Lathe · Mill

Power	12 - 24 V 13 W AC/DC
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	890 mm
Diameter	125 mm
Joints	3

0532A/230V — € 203,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, with transformer



Drill press · Circular saw · Band saw · Box · IP65 · Lathe · Mill

Power	230 V 50 Hz 13 W
Luminous flux	1800 lm
Color temperature	6500 K
LED number	9
Height	900 mm
Diameter	125 mm
Joints	3

0371 — € 162,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer



Drill press · Circular saw · Band saw · Box · IP65 · Lathe · Mill

Power	24V 10W
Luminous flux	1200 lm
Color temperature	6500 K
Joint height	110 mm
Diameter	110 mm
Joints	1

0372 — € 245,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer



Drill press · Circular saw · Band saw · Box · IP65 · Lathe · Mill

Power	24V 10W
Luminous flux	1200 lm
Color temperature	6500 K
Height	890 mm
Diameter	110 mm
Joints	3

0537A — € 112,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



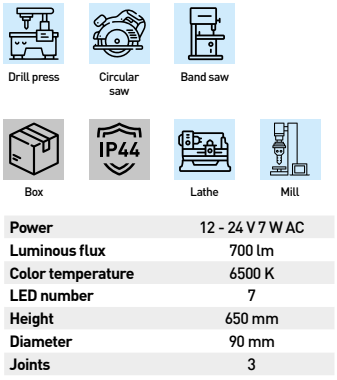
Drill press · Circular saw · Band saw · Box · IP44 · Lathe · Mill

Power	12 - 24 V 7 W AC
Luminous flux	700 lm
Color temperature	6500 K
LED number	7
Height	100 mm
Diameter	90 mm
Joints	1

0538A — € 139,00

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



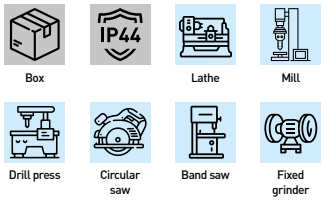


Power	12 - 24 V 7 W AC
Luminous flux	700 lm
Color temperature	6500 K
LED number	7
Height	650 mm
Diameter	90 mm
Joints	3

0536 — € 76,30

MACHINE TOOL OPERATION LAMP

Flexible, with transformer and magnetic base





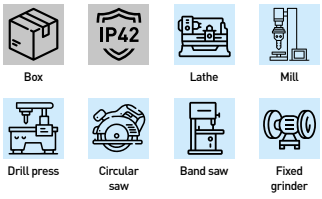
Height max	620 mm
With transformer	230 V / 24 V 25 W

0536A — NEW — € 142,00

LED LIGHT MACHINE OPERATION LAMP

Flexible, with transformer and magnetic base

Power	230V / 5W
Height	600 mm
Diameter	60 mm
Joints	1
Intensity	500 lm - 6400 K







TOOLS FOR TURNING AND MILLING

p. 132 — External tool holders
p. 138 — Internal tool holders
p. 142 — Tools for threading and cutting off
p. 146 — Milling cutters
p. 152 — Tool accessories

INSERTS, LATHE TOOLS AND TOOL BITS

p. 153 — Insert for lathe
p. 163 — Milling inserts
p. 166 — Tapping inserts
p. 166 — Inserts for cutting off
p. 167 — Lathe tools
p. 168 — Tool bits

TWIST DRILLS AND CUTTERS FOR METAL

p. 170 — Straight shank twist drills
p. 180 — Conical and center drills
p. 182 — Weldon shank
p. 186 — Hole saw
p. 194 — Machine reamers
p. 195 — Counterborers
p. 196 — Stepped cutters & countersinks
p. 198 — End mills
p. 200 — Tungsten carbide rotary burrs
p. 208 — Disc shaper cutters

BUILDING AND WOOD DRILLS AND CUTTERS

p. 209 — Straight shank twist drills
p. 209 — Sds Plus shank
p. 210 — Hole saw
p. 211 — Diamond tools
p. 214 — Wood drill bits and hole saws
p. 215 — End mills for wood

TAPS AND DIES

p. 216 — Tap and die sets
p. 218 — HSS taps
p. 222 — Dies

THREAD REPAIR

p. 223 — Thread repair set
p. 228 — Thread repair insert
p. 228 — Taps for thread repair
p. 238 — Thread repair tools

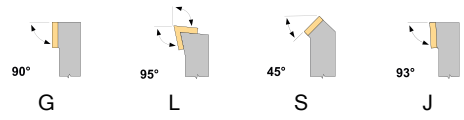
BANDSAW BLADES AND SAW BLADES

p. 240 — Bandsaw blades
p. 240 — Saw blades

IDENTIFICATION OF TURNING TOOLS FOR EXTERNAL PROCESSING

S	T	G	C	R	16
1	2	3	4	5	6

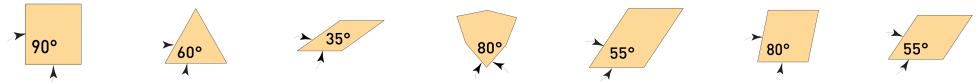
3 - Type of tool



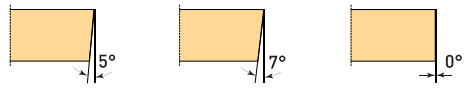
1 - Locking method



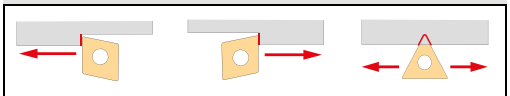
2 - Insert shape



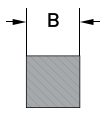
4 - Insert clearance angle



5 - Tool direction



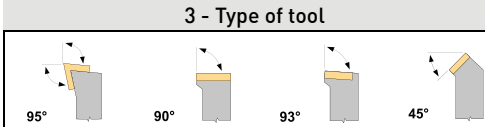
6 - Tool shank size



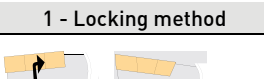
IDENTIFICATION OF TURNING TOOLS FOR INTERNAL PROCESSING

S	S	S	C	R	16
1	2	3	4	5	6

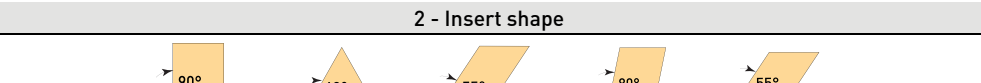
3 - Type of tool



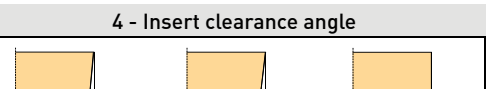
1 - Locking method



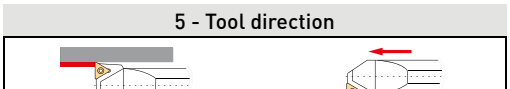
2 - Insert shape



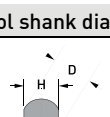
4 - Insert clearance angle



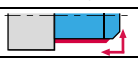
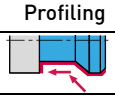
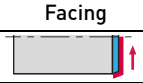
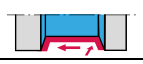
5 - Tool direction

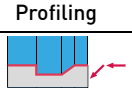
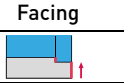


6 - Tool shank diameter



CHOICE OF INSERT SHAPE ACCORDING TO THE TYPE OF PROCESSING TO BE CARRIED OUT

External turning	S	T	C	K	D
					
Axial Turning / Facing 	○	○	●	○	○
Profiling 	-	○	-	○	●
Facing 	●	○	○	○	○
Plunge turning 	-	○	-	-	-

Internal turning	S	T	C	K	D
					
Axial Turning / Facing 	○	●	○	-	○
Profiling 	-	○	-	○	●
Facing 	-	○	●	-	○

Key

- ● Recommended shape
- ○ Possible shape
- - Not usable

RECOMMENDED VALUES FOR CUTTING SPEED Vc (m/min) FOR TURNING

Materials to be processed		External turning		Internal turning		Shape tool	Truncation	Threading with tool
		Sgrossatura	Finitura	Sgrossatura	Finitura			
P	Rm Steel < 600 N/mm²	100*	150*	70*	100*	50*	95*	25*
	Rm steel 600-100 N/mm²	95*	120*	50*	95*	30*	70*	18*
	Rm steel 1000-1200 N/mm²	65*	80*	40*	65*	25*	55*	15*
M	Stainless Steel	60*	70*	35*	60*	20*	50*	15*
K	Cast iron HB < 180	90*	100*	65*	90*	30*	80*	15*
	Cast iron HB> 180	60*	70*	40*	60*	20*	55*	12*
N	Brass/Bronze	165*	260*	80*	160*	40*	100*	25*
	Copper	220*	350*	100*	220*	80*	200*	25*
	Aluminium	300*	650*	200*	400*	150*	300*	35*

* Values for brazed tools, for mechanically clamped tools the value can be increased by 15%

RECOMMENDED FEED VALUES (mm/rev) FOR TURNING

MATERIALS TO BE PROCESSED		External turning		Internal turning		Shape tool	Truncation
		Roughing	Finish	Roughing	Finish		
P	Rm Steel < 600 N/mm²	0.1 – 0.4*	0.05 – 0.2*	0.05 – 0.3*	0.05 -0.2*	0.02 – 0.05*	0.05 – 0.1*
	Rm steel 600-100 N/mm²	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.05 – 0.1*
	Rm steel 1000-1200 N/mm²	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.05*
M	Stainless Steel	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.02 – 0.05*
K	Cast iron HB < 180	0.1 – 0.6*	0.05 – 0.2*	0.05 – 0.6*	0.05 – 0.2*	0.02 – 0.05*	0.05 – 0.1*
	Cast iron HB> 180	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.5*	0.05 – 0.2*	0.02 – 0.05*	0.02 – 0.05*
N	Brass/Bronze	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.6*	0.05 – 0.2*	0.02 – 0.1*	0.05 – 0.2*
	Copper	0.1 – 0.6*	0.05 – 0.25*	0.05 – 0.5*	0.05 – 0.25*	0.02 – 0.05*	0.05 – 0.1*
	Aluminium	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.4*	0.05 – 0.2*	0.02 – 0.2*	0.05 – 0.3*

* Values for brazed tools, for mechanically clamped tools the value can be increased by 15%

THICKNESS OF SURFACE TREATMENT IN THE TURNING (mm)

Thickness of surface treatment		Ø particular					
Roughing	0.5 - 10	Up to 25	25 - 70	50 - 75	75 - 100	100 - 150	150 - 300
Finish	0.2 - 20						
Truncation	Equal to the thickness of the cutter insert						

MAIN TURNING FORMULAS

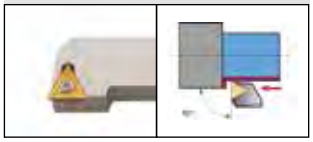
- Vt = (n x π x D) ÷ 1000
- n = (Vt x 1000) ÷ (π x D)
- Vf = n x Fz

Key

Vc : Cutting speed in metres per minute. It is the peripheral speed with which the cutting edge removes material. (m/min)
n : Spindle rotation speed in revolutions per minute (rpm)
D : Workpiece diameter in millimetres (mm)
Fz : Tool feed (per tooth) per revolution in millimetres (mm/revolution)
Vf : Tool feed speed in millimetres per minute (mm/min)
π : its value is 3.14

TYPOLOGY OF TOOLS FOR EXTERNAL TURNING

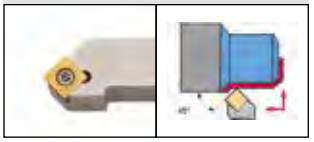
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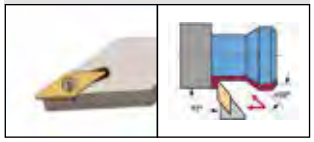
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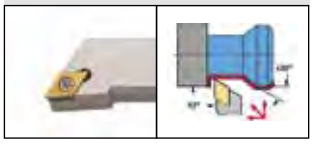
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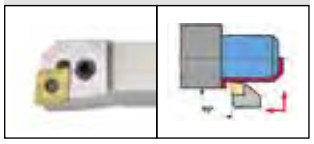
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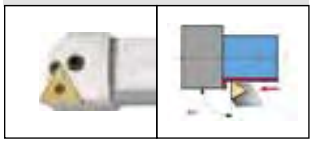
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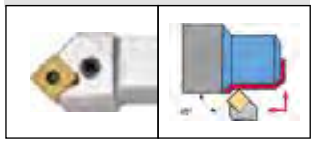
PCLNX



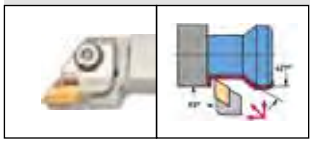
PTGNX



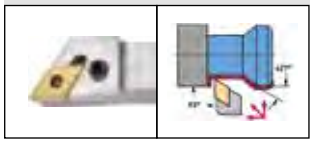
PSSNX



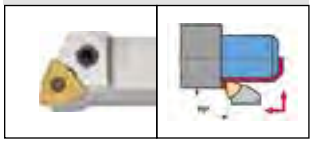
CKJNX



PDJNX

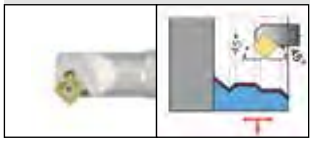


PWLNX

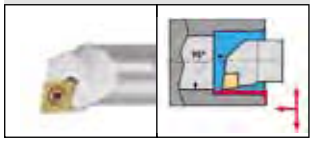


TYPOLOGY OF TOOLS FOR INTERNAL TURNING

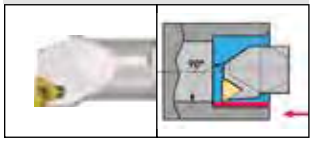
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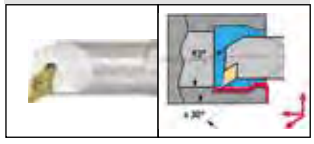
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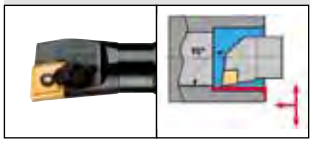
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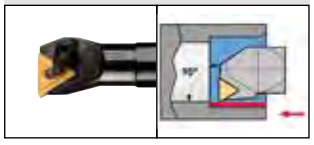
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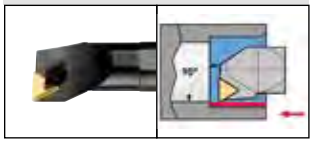
MCLNX



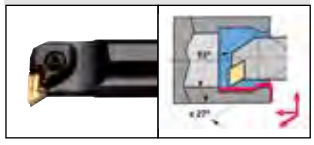
MTFNX



CTFPX

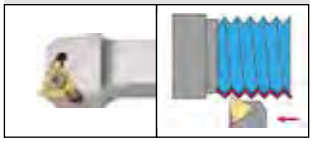


CKUNR

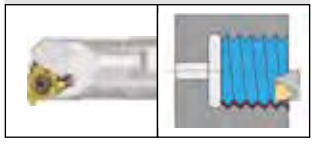


TYPOLOGY OF THREADING TOOLS

SERX

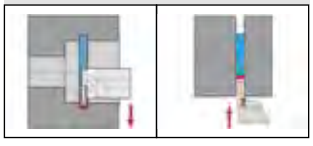


SNRX

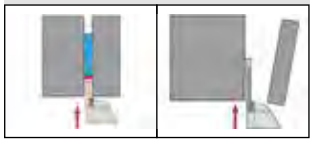


TYPOLOGY OF TOOLS FOR GROOVING AND PARTING OFF

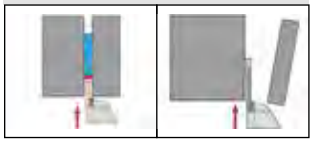
KICAN



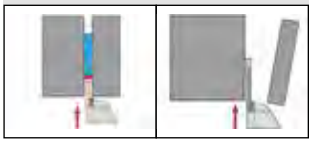
T088



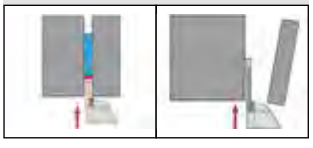
T089



T09x



SGIH

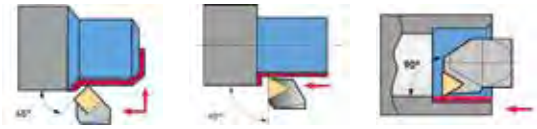


B007-

INDEXABLE CARBIDE TOOL HOLDER SET

Insert included, useful for having a set that allows you to perform most turning operations with small lathes





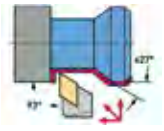


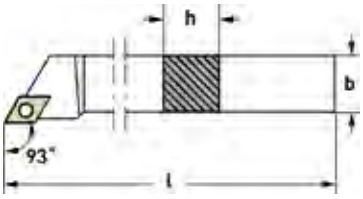
Art.	€	Ext. shank / Insert	Int. shank / Insert	Screw
B007/10	€ 108,00	10 mm / TCMT110204N	8 mm / TCMT090204N	KV200
B007/12	€ 114,00	12 mm / TCMT110204N	10 mm / TCMT110204N	KV250
B007/16	€ 141,00	16 mm / TCMT16T304N	12 mm / TCMT110204N	KV250

KITCKJ

EXTERNAL TOOL HOLDER WITH INSERTS





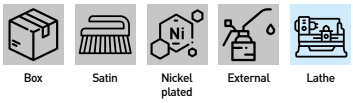


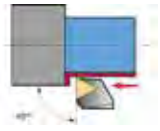


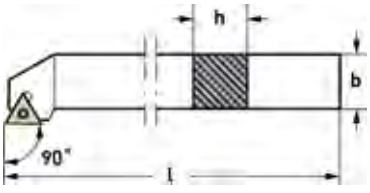
Art.	€	Ext. tool holder	Bits	b	h	l
KITCKJ20	€ 170,00	CKJNR20	KNUX160405RN x 10 Pcs	20mm	20mm	125mm
KITCKJ25	€ 172,00	CKJNR25	KNUX160405RN x 10 Pcs	25mm	25mm	150mm

STGCX

90° EXTERNAL TOOL HOLDER





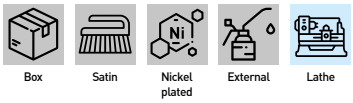


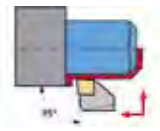


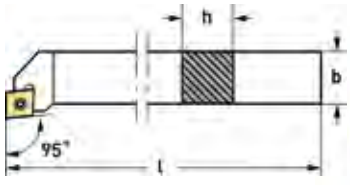
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
STGCR16/11	€ 43,80	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCL16/11	€ 43,80	Sx/L	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCR20	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCL20	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCR25	€ 60,80	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCL25	€ 60,80	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSTG16	TCMT16T3...

SCLCXE

95° EXTERNAL TOOL HOLDER







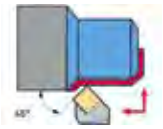


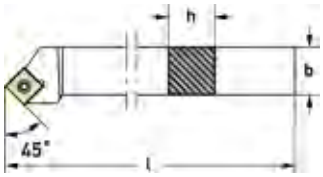
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SCLCR12E	€ 37,50	Dx/R	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCL12E	€ 37,50	Sx/L	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCR16E	€ 45,30	Dx/R	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCL16E	€ 45,30	Sx/L	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCR20E	€ 50,70	Dx/R	20 mm	20 mm	125 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCL20E	€ 50,70	Sx/L	20 mm	20 mm	125 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCR25E	€ 60,80	Dx/R	25 mm	25 mm	150 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCL25E	€ 60,80	Sx/L	25 mm	25 mm	150 mm	KV450	BU4560	BSCL12	CCMT1204...

SSSCXE

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





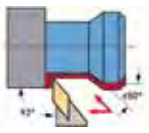


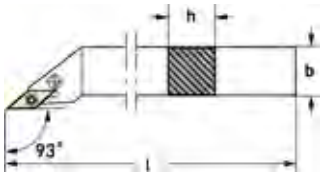
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SSSCR20E	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCL20E	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCR25E	€ 63,80	Dx/R	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12	SCMT1204...
SSSCL25E	€ 63,80	Sx/L	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12	SCMT1204...

SVJBX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





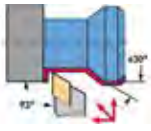


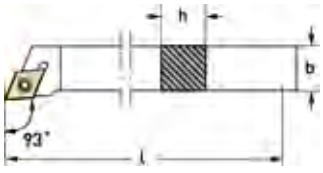
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SVJBR20	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL20	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16	VBMT1604...

SDJCX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





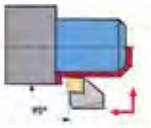


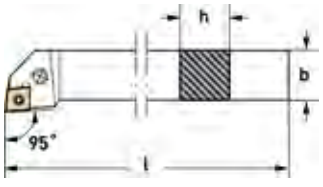
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SDJCR10	€ 28,50	Dx/R	10 mm	10 mm	70 mm	KV250	--------	--------	DCMT0702...
SDJCR12	€ 41,00	Dx/R	12 mm	12 mm	80 mm	KV250	--------	--------	DCMT0702...
SDJCR16	€ 47,20	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	DCMT0702...
SDJCR20	€ 53,40	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCL20	€ 53,40	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCR25	€ 67,70	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCL25	€ 67,70	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSDJ11	DCMT11T3...

PCLNX

95° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





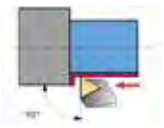


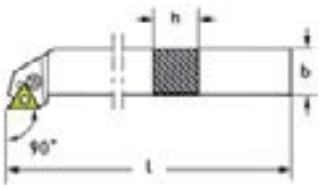
Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PCLNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPCLN	CNMG1204...
PCLNR20	€ 53,80	Dx/R	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNL20	€ 53,80	Sx/L	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPCLN	CNMG1204...
PCLNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPCLN	CNMG1204...

PTGNX

90° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





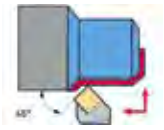


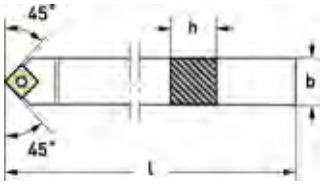
Art.	€	Side	b	l	h	Spare parts	Insert (not included)
PTGNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPTGN	TNMG1604...
PTGNR20	€ 50,20	Dx/R	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNL20	€ 50,20	Sx/L	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPTGN	TNMG1604...
PTGNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPTGN	TNMG1604...

PSSNX

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





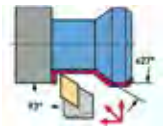


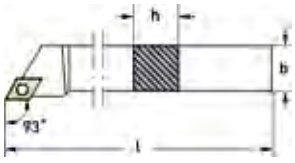
Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PSSNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPSSN	SNMG1204...
PSSNR20	€ 50,70	Dx/R	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNL20	€ 50,70	Sx/L	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPSSN	SNMG1204...
PSSNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPSSN	SNMG1204...

CKJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





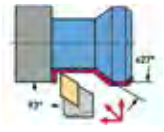


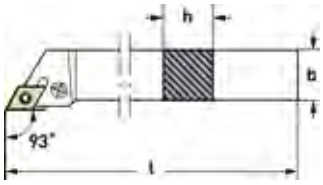
Art.	€	Side	b	h	l	Bracket	Screw	Base	Insert (not included)
CKJNL20	€ 60,80	Sx/L	20 mm	20 mm	125 mm	STAFCKJNL	VITECKJN	BASECKJNL	KNUX160405L...
CKJNL25	€ 70,60	Sx/L	25 mm	25 mm	150 mm	STAFCKJNL	VITECKJN	BASECKJNL	KNUX160405L...
CKJNR16	€ 50,20	Dx/R	20 mm	16 mm	100 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNR20	€ 60,80	Dx/R	20 mm	20 mm	125 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNR25	€ 70,60	Dx/R	25 mm	25 mm	150 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...

PDJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





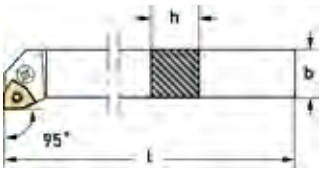


Art.	€	Side	b	l	h	Spare parts	Insert (not included)
PDJNR20	€ 52,00	Dx/R	20 mm	20 mm	125 mm	PDJNRKIT	DNMG1506...
PDJNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...
PDJNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...

PWLNX

95° EXTERNAL TOOL HOLDER







Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PWLNR20	€ 52,00	Dx/R	20 mm	20 mm	125 mm	PWLNRKIT	WNMG0804...
PWLNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	PWLNRKIT	WNMG0804...
PWLNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	PWLNRKIT	WNMG0804...

G007-

KNURLING TOOL WITH 3 PAIRS OF KNURLING WHEELS, WITH DIAMOND PATTERN

Diamond-shaped 45 ° for the execution of knurling for deformation in turning. Equipped with 2 spare wheels 0.8mm pitch





Art.	€	Spindle	Pitch
G007/16	€ 73,00	16 mm	0,8 - 1,2 - 1,8 mm
G007/20	€ 74,10	20 mm	0,8 - 1,2 - 1,8 mm

KISCLCR — € 227,00

SOLID BORING BAR SET 95°





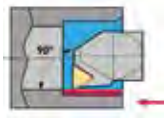


Int. tool holder	SCLCR08; SCLCR10; SCLCR12; SCLCR16
Bits	CCMT060204N x 10 Pcs
Torx key	T7 x 2 Pcs
Screw	T7 x 2,5 mm x 4 Pcs

KISTCMT — € 268,00

SOLID BORING BAR SET 90°



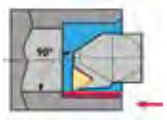




Int. tool holder	STFCR08; STFCR10; STFCR12; STFCR16; STFCR20
Bits	TCMT110204N x 10 Pcs
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 2 Pcs

KISTFCR — € 211,00

SOLID BORING BAR SET 90°



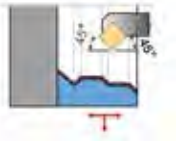


13 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

Int. tool holder	STFCR08, STFCR10, STFCR12, STFCR16, STFCR20
Insert (not included)	TCMT110204...
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 5 Pcs

SSSCRX

45° INTERNAL TOOL HOLDER







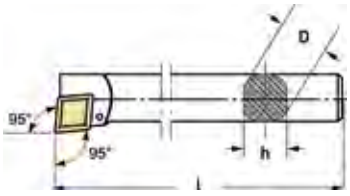
Box | Satin | Nickel plated | External | Lathe

Art.	€	D	h	l	Screw	Insert (not included)
SSSCR16	**€ 48,70**	16 mm	15 mm	200 mm	KV400	SCMT09T3...
SSSCR20	**€ 54,20**	20 mm	18 mm	250 mm	KV400	SCMT09T3...
SSSCR25	**€ 63,80**	25 mm	22.5 mm	300 mm	KV400	SCMT09T3...

SCLCX

95° SOLID BORING BAR







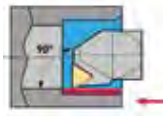
Box | Burnished | External | Lathe

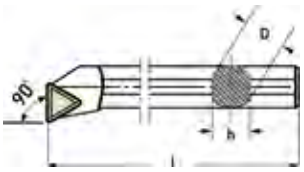
Art.	€	Side	D	h	l	Screw	Insert (not included)
SCLCR08	**€ 57,70**	Dx/R	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCL08	**€ 57,70**	Sx/L	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCR10	**€ 57,70**	Dx/R	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCL10	**€ 57,70**	Sx/L	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCR12	**€ 57,70**	Dx/R	12 mm	11 mm	160 mm	KV250	CCMT0602...
SCLCL12	**€ 57,70**	Sx/L	12 mm	11 mm	160 mm	KV250	CCMT0602...
SCLCR16	**€ 65,40**	Dx/R	16 mm	14,5 mm	180 mm	KV400	CCMT09T3...
SCLCL16	**€ 65,40**	Sx/L	16 mm	14,5 mm	180 mm	KV400	CCMT09T3...
SCLCR20	**€ 65,40**	Dx/R	20 mm	18 mm	200 mm	KV400	CCMT09T3...
SCLCL20	**€ 65,40**	Sx/L	20 mm	18 mm	200 mm	KV400	CCMT09T3...
SCLCR25	**€ 73,00**	Dx/R	25 mm	22,5 mm	250 mm	KV400	CCMT09T3...
SCLCL25	**€ 73,00**	Sx/L	25 mm	22,5 mm	250 mm	KV400	CCMT09T3...
SCLCR32	**€ 103,00**	Dx/R	32 mm	29 mm	300 mm	KV400	CCMT09T3...
SCLCL32	**€ 103,00**	Sx/L	32 mm	29 mm	300 mm	KV400	CCMT09T3...

STFCX

90° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe







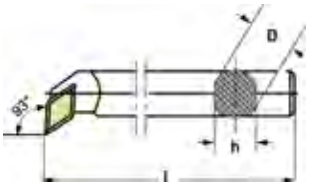
Art.	€	Side	D	h	l	Screw	Insert (not included)
STFCR08	€ 57,70	Dx/R	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCL08	€ 57,70	Sx/L	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCR10	€ 57,70	Dx/R	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCL10	€ 57,70	Sx/L	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCR12	€ 57,70	Dx/R	12 mm	11 mm	150 mm	KV250	TCMT1102...
STFCL12	€ 57,70	Sx/L	12 mm	11 mm	150 mm	KV250	TCMT1102...
STFCR16	€ 65,40	Dx/R	16 mm	14,5 mm	200 mm	KV250	TCMT1102...
STFCL16	€ 65,40	Sx/L	16 mm	14,5 mm	200 mm	KV250	TCMT1102...
STFCR20	€ 65,40	Dx/R	20 mm	18,5 mm	250 mm	KV250	TCMT1102...
STFCL20	€ 65,40	Sx/L	20 mm	18,5 mm	200 mm	KV250	TCMT1102...
STFCR25	€ 73,00	Dx/R	25 mm	22,5 mm	250 mm	KV350	TCMT16T3...
STFCL25	€ 73,00	Sx/L	25 mm	22,5 mm	250 mm	KV350	TCMT16T3...
STFCR32	€ 103,00	Dx/R	32 mm	29 mm	300 mm	KV350	TCMT16T3...
STFCL32	€ 103,00	Sx/L	32 mm	29 mm	300 mm	KV350	TCMT16T3...

SDUCX

93° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe





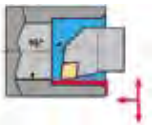


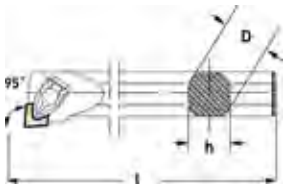
Art.	€	Side	D	h	l	Screw	Insert (not included)
SDUCR10	€ 57,70	Dx/R	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCL10	€ 57,70	Sx/L	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCR12	€ 57,70	Dx/R	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCL12	€ 57,70	Sx/L	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCR16	€ 65,40	Dx/R	16 mm	15 mm	180 mm	KV250	DCMT0702...
SDUCL16	€ 65,40	Sx/L	16 mm	15 mm	180 mm	KV250	DCMT0702...
SDUCR20	€ 65,40	Dx/R	20 mm	18 mm	200 mm	KV350	DCMT11T3...
SDUCL20	€ 65,40	Sx/L	20 mm	18 mm	200 mm	KV350	DCMT11T3...
SDUCR25	€ 73,00	Dx/R	25 mm	23 mm	250 mm	KV350	DCMT11T3...
SDUCL25	€ 73,00	Sx/L	25 mm	23 mm	250 mm	KV350	DCMT11T3...
SDUCR32	€ 103,00	Dx/R	32 mm	30 mm	300 mm	KV350	DCMT11T3...
SDUCL32	€ 103,00	Sx/L	32 mm	30 mm	300 mm	KV350	DCMT11T3...

MCLNX

95° SOLID BORING BAR

Box | Burnished | External | Lathe





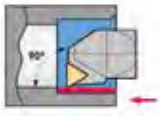


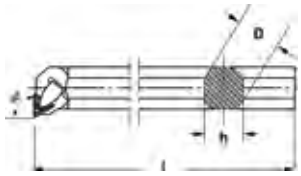
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
MCLNR16	€ 75,10	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL16	€ 75,10	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNR20	€ 82,80	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL20	€ 82,80	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...
MCLNR25	€ 105,00	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNL25	€ 105,00	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNR32	€ 128,00	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNL32	€ 128,00	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...

MTFNX

90° SOLID BORING BAR

Box Burnished External Lathe





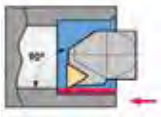


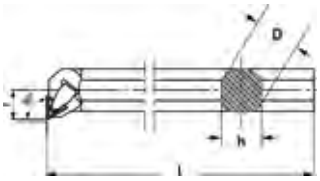
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
MTFNR16	**€ 74,10**	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL16	**€ 74,10**	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNR20	**€ 82,80**	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL20	**€ 82,80**	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...
MTFNR25	**€ 105,00**	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNL25	**€ 105,00**	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNR32	**€ 128,00**	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNL32	**€ 128,00**	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...

CTFPX

90° SOLID BORING BAR

Box Burnished External Lathe





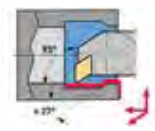


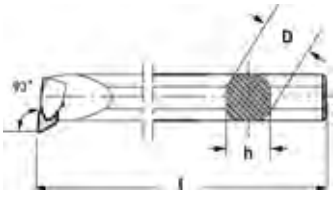
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
CTFPR10	**€ 63,20**	Dx/R	10 mm	9 mm	150 mm	CTFP10/12	--------	TPMR0902...
CTFPL10	**€ 63,20**	Sx/L	10 mm	9 mm	150 mm	CTFP10/12	--------	TPMR0902...
CTFPR12	**€ 63,20**	Dx/R	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPL12	**€ 63,20**	Sx/L	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPR16	**€ 73,00**	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPL16	**€ 73,00**	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPR20	**€ 82,80**	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPL20	**€ 82,80**	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPR25	**€ 102,00**	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL25	**€ 102,00**	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPR32	**€ 128,00**	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL32	**€ 128,00**	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...

CKUNR

93° SOLID BORING BAR

Box Burnished External Lathe







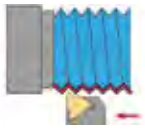
Art.	€	Side	D	h	l	Bracket	Screw	Base	Insert (not included)
CKUNR25	**€ 167,00**	Dx/R	25 mm	23 mm	300 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR32	**€ 190,00**	Dx/R	32 mm	30 mm	350 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR40	**€ 200,00**	Dx/R	40 mm	37 mm	400 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...

KISER

EXTERNAL THREAD TOOL HOLDER

Consisting of external threading tool (1 Pc), M3.5 X 12mm spare screw (1 Pc) , 2.5mm hex wrench (1 Pc), T15 torx wrench (1 Pc) and assorted inserts: AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00mm (1 Pc each).





15 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

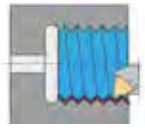
Art.	€	Ext. tool holder	Insert	Torx key	Screw	b	l	h
KISER	€ 179,00	SER20	16ER...	T15	M3,5 x 12 mm	20 mm	20 mm	125 mm
KISER25	€ 235,00	SER25	16ER...	T15	M3,5 x 12 mm	25 mm	25 mm	150 mm

KISNR

INTERNAL THREAD TOOL HOLDER

Consisting of internal threading tool (1 Pc), spare M3.5 X 12mm screw (1 Pc), 2.5mm hex wrench (1 Pc), T15 torx wrench (1 Pc) and assorted inserts: AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00mm (1 Pc each).





15 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

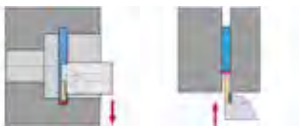
Art.	€	Int. tool holder	Insert	Torx key	Screw	D	h	l
KISNR	€ 206,00	SNR20	16IR...	T15	M3.5 x 12 mm	20 mm	18 mm	170 mm
KISNR25	€ 246,00	SNR25	16IR...	T15	M3.5 x 12 mm	25 mm	23 mm	200 mm

KICAN € 230,00

INTERNAL AND EXTERNAL GROOVING TOOL HOLDER SET

Consisting of the tool for external grooves: 20 x 20 mm (1 Pc), the tool for internal grooves: ø 20mm (1 Pc), spare screw M4 x 12mm (2 Pcs), torx wrench: T15 (1 Pc) and inserts for 16mm groove TIN coated: 165110134 (2 Pcs), 165130134 (2 Pcs), 165160134 (2 Pcs), 165185134 (1 Pc), 165215134 (1 Pc), 165265134 (1 Pc), 165315134 (1 Pc).

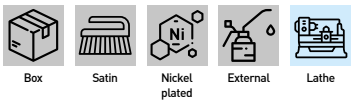


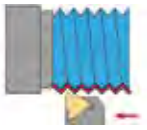


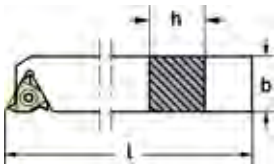
16 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

SERX

EXTERNAL THREAD TOOL HOLDER





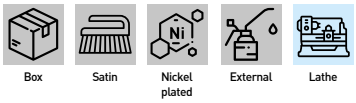


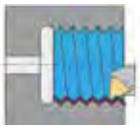


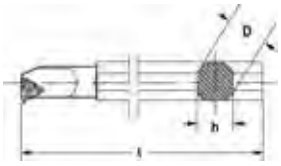
Art.	€	b	h	l	Base	Bushing	Screw	Insert (not included)
SER16	€ 54,80	16 mm	16 mm	100 mm	--------	--------	KV350	16ER..
SER20	€ 70,40	20 mm	20 mm	125 mm	BSER16	BU3550	KV350	16ER...
SER25	€ 81,30	25 mm	25 mm	150 mm	BSER16	BU3550	KV350	16ER...

SNRX

INTERNAL THREAD TOOL HOLDER





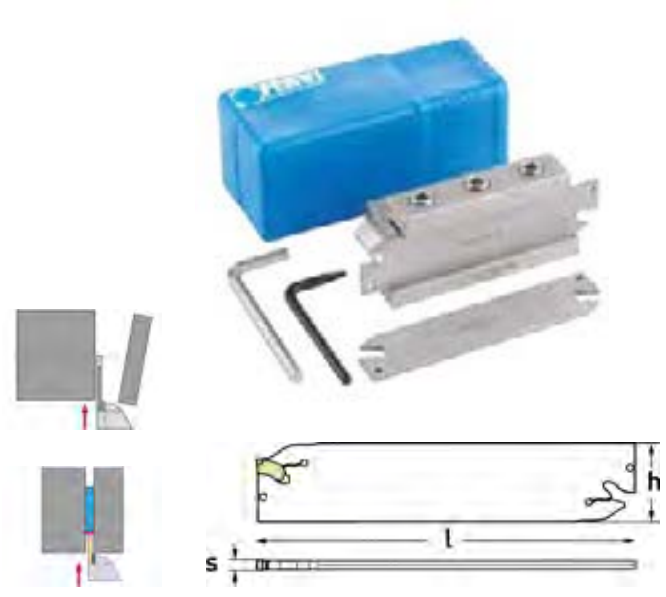


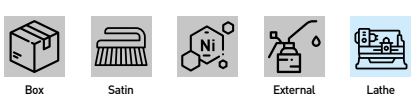


Art.	€	D	h	l	Base	Screw	Bushing	Insert (not included)
SNR12	€ 54,80	12 mm	11 mm	150 mm	--------	KV250	--------	11IR...
SNR16	€ 63,90	16 mm	15 mm	170 mm	--------	KV350	--------	16IR...
SNR20	€ 77,40	20 mm	18 mm	200 mm	BSNR16	KV350	BU3550	16IR...
SNR25	€ 95,90	25 mm	23 mm	300 mm	BSNR16	KV350	BU3550	16IR...

T088 € 99,00

TOOL CUTTING SET

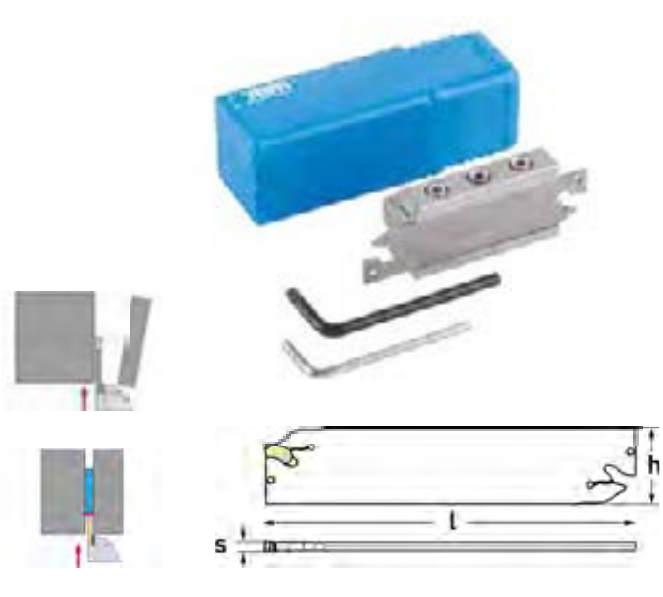


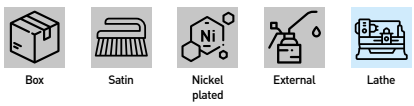


Set composition	1 Pcs SGTBK16 - 1 Pcs SGIH26/2 - 1 Pcs SGIH26/3
S	2 - 3 mm
h	25.75 mm
l	109 mm
Insert (not included)	GCMX2N - GCMX3N

T089 € 69,30

TOOL CUTTING SET

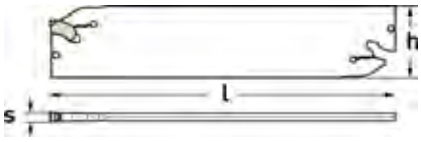




Set composition	1 Pcs SGIH19/2 - 1 Pcs SGTBK10
S	2 mm
h	19.5 mm
l	85 mm
Insert (not included)	GCMX2N

T09X

TOOL CUTTING SET





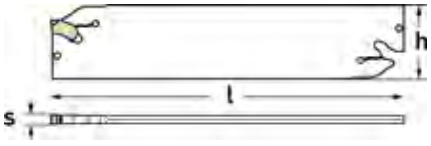


Carrying case · Satin · Nickel plated · External · Lathe

Art.	€	Set composition	S	h	l	Insert (not included)
T090	€ 163,00	1 Pcs SGIH32/3 - 1 Pcs SGIH32/4 - 1 Pcs SGIH32/5 - 1 Pcs SGTBK25	3 - 4 - 5 mm	31,75 mm	150 - 160 mm	GCMX3N - GCMX4N - GCMX5N
T091	€ 119,00	1 Pcs SGIH26/2 - 1 Pcs SGIH26/3 - 1 Pcs SGTBK20	2 - 3 mm	25,75 mm	109 mm	GCMX2N - GCMX3N

SGIH

TOOL FOR EXTERNAL CUTTING - BLADE







Box · Satin · Nickel plated · External · Lathe

Art.	€	S	h	l	Insert (not included)
SGIH26/2	€ 33,00	2 mm	25.75 mm	109 mm	GCMX2N...
SGIH26/3	€ 33,00	3 mm	25.75 mm	109 mm	GCMX3N...
SGIH32/3	€ 33,00	3 mm	31.75 mm	150 mm	GCMX3N...
SGIH32/4	€ 33,00	4 mm	31 mm	150 mm	GCMX4N...
SGIH32/5	€ 33,00	5 mm	31.75 mm	150 mm	GCMX5N...
SGIH19/2	€ 26,50	2 mm	19.5 mm	85 mm	GCMX2N...

SGTBK

TOOL FOR EXTERNAL CUTTING - BLADE TOOL HOLDER



Box · Satin · Nickel plated · Lathe

Art.	€	Spindle	Dimensions	Blade
SGTBK10	€ 43,80	10 x 10 mm	56 x 25 x 30 mm	19 mm
SGTBK16	€ 47,50	16 x 16 mm	87 x 38 x 33 mm	26 mm
SGTBK20	€ 52,30	20 x 20 mm	100 x 38 x 45h mm	26 mm
SGTBK25	€ 65,30	25 x 25 mm	110 x 49 x 48h mm	32 mm



MAIN TYPES OF MILLING

Shoulder milling



Milling that generates 2 faces at the same time obtaining a 90° shoulder

Flattening



Milling to make a rough surface flat

High feed milling



Face milling with tools that allow high feed rates (up to 4mm/tooth)

Copying



Combination of discordant and concordant milling, requires many unfavourable engagements and disengagements in cutting.

Quarry milling



Milling for the execution of a quarry or a seat

Chamfering



Milling for chamfering holes or contours.

MAIN MILLING FORMULAS

- Vt= (Dcap x π x n) ÷ 1000
- n= (Vt x 1000) ÷ (π x Dcap)
- Fz = Vf ÷ (n x Zc)
- Vf= Fz x n x Zc

Key

Dcap : Cutting diameter at effective cutting depth doc (mm)
Fz : Feed per tooth (mm/tooth)
Zc : Number of effective milling machine teeth
Vf : Table feed (mm/min)
Fn : Feed per revolution (mm/tooth)
doc : Cutting depth (mm)
Vc : Cutting speed (m/min)
n : Spindle rotation speed (mm/min)
π : its value is 3.14

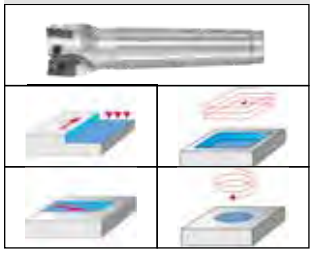
FERVI MILLING TOOLS TYPOLOGY

90° MILLING CUTTER

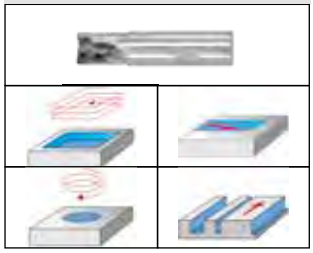
F300-



F301-



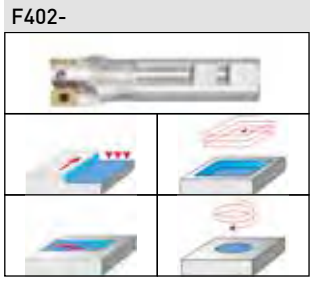
F306-



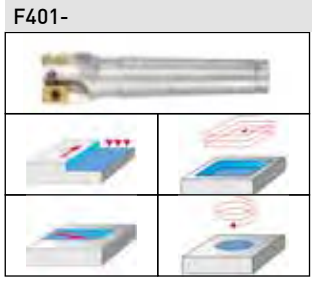
F302-



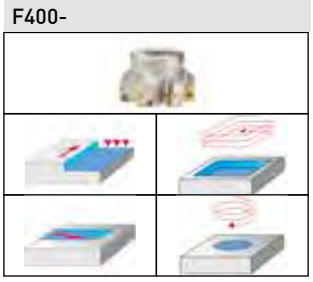
F402-



F401-



F400-



F256-



45° MILLING MACHINE

F304-



F407-



F303-



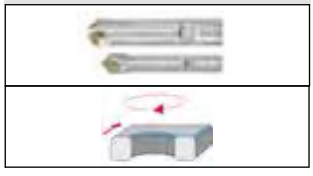
F308-



F406-

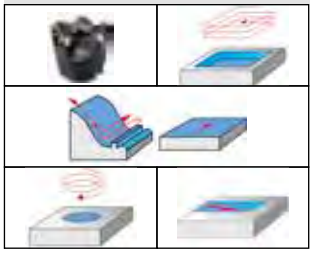


F307/16/22



MILLING MACHINE FOR CONTOURING AND FLATTENING ROUND INSERTS

F403-



F300-

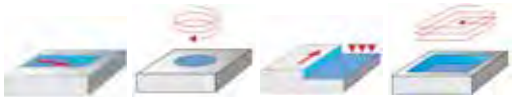
STRAIGHT SHANK FACE MILLING CUTTER

With cylindrical shank





Box Satin Nickel plated External Mill



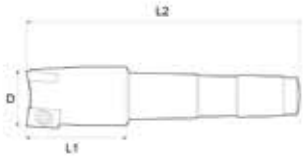
Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F300/12	€ 37,50	12 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003...
F300/14	€ 37,50	14 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003..
F300/16	€ 44,60	16 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/18	€ 49,70	18 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/20	€ 53,30	20 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/22	€ 53,30	22 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/25	€ 63,80	25 mm	20 mm	4	27 mm	120 mm	KV250	APKT1003...
F300/25/16	€ 63,80	25 mm	20 mm	2	44 mm	120 mm	KV400	APKT1604...
F300/25/16L	€ 74,20	25 mm	20 mm	2	44 mm	200 mm	KV400	APKT1604...
F300/32/16	€ 74,20	32 mm	25 mm	3	50 mm	120 mm	KV400	APKT1604...
F300/32/16L	€ 103,00	32 mm	32 mm	3	55 mm	200 mm	KV400	APKT1604...

F301-

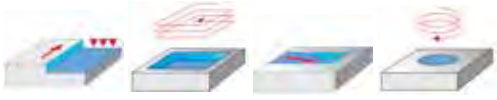
STRAIGHT SHANK FACE MILLING CUTTER

With DIN 228/A morse taper





Box Satin Nickel plated External Mill



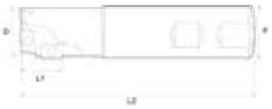
Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F301/25	€ 66,10	25 mm	3	2	40 mm	125 mm	KV400	APKT1604...
F301/32	€ 70,60	32 mm	3	3	40 mm	125 mm	KV400	APKT1604...
F301/40	€ 90,10	40 mm	3	4	35 mm	125 mm	KV400	APKT1604...
F301/32CM4	€ 90,10	32 mm	4	3	45 mm	150 mm	KV400	APKT1604...
F301/40CM4	€ 95,90	40 mm	4	4	40 mm	150 mm	KV400	APKT1604...

F306-

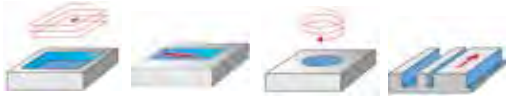
FACE MILLING CUTTER

With front perforating cut for making slots, with cylindrical attachment. It allows you to make slots from solid





Box Satin Nickel plated External Mill



Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F306/20	€ 82,30	20 mm	20 mm	3	18 mm	90 mm	KV250	APKT1003...
F306/25	€ 100,00	25 mm	25 mm	3	18 mm	100 mm	KV250	APKT1003...

F302-

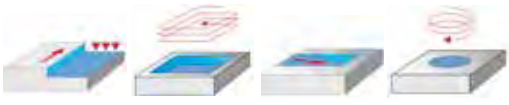
FACE MILLING CUTTER

With sleeve connection





Box Satin Nickel plated External Mill

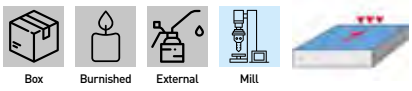


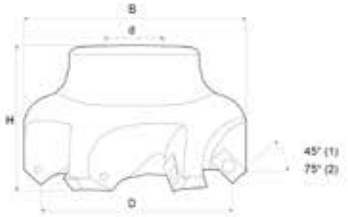
Art.	€	D	L	d	Z	Screw	Insert (not included)
F302/040	€ 145,00	40 mm	40 mm	16 mm	4	KV400	APKT1604...
F302/050	€ 150,00	50 mm	45 mm	22 mm	4	KV400	APKT1604...
F302/063	€ 158,00	63 mm	50 mm	22 mm	6	KV400	APKT1604...
F302/080	€ 187,00	80 mm	50 mm	27 mm	7	KV400	APKT1604...
F302/100	€ 232,00	100 mm	50 mm	32 mm	8	KV400	APKT1604...

F304-

FACE MILLING CUTTER FOR BLIND SIDE'S INSERT

With sleeve connection





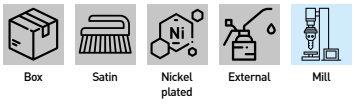


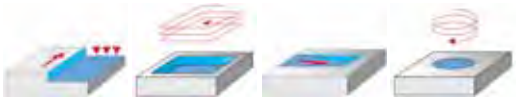
Art.	€	D	H	B	d	Z	Screw	Insert (not included)
F304/063	€ 268,00	63 mm	42 mm	71.2 mm	22 mm	6	KV250	APKT1003...
F304/080	€ 217,00	80 mm	47 mm	84 mm	27 mm	5	KV400	APKT1604...

F402-

FACE MILLING CUTTER

With cylindrical shank





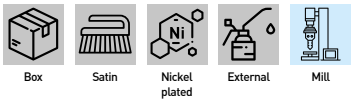


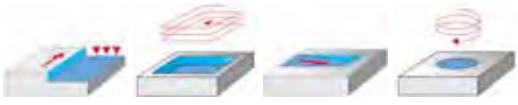
Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F402/25	€ 53,80	25 mm	20 mm	2	35 mm	110 mm	KV400	ADLT1503...
F402/32	€ 67,70	32 mm	25 mm	3	35 mm	120 mm	KV400	ADLT1503...
F402/25L	€ 73,30	25 mm	25 mm	2	35 mm	200 mm	KV400	ADLT1503...
F402/32L	€ 94,00	32 mm	25 mm	3	35 mm	200 mm	KV400	ADLT1503...

F401-

FACE MILLING CUTTER

With DIN 228/A morse taper





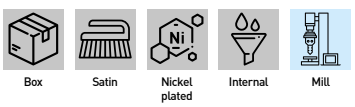


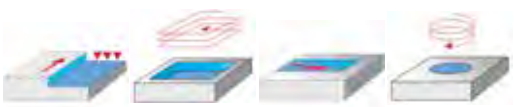
Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F401/25	€ 65,00	25 mm	3	2	44 mm	130 mm	KV400	ADLT1503...
F401/32	€ 79,40	32 mm	3	3	44 mm	130 mm	KV400	ADLT1503...
F401/40	€ 87,00	40 mm	3	4	44 mm	130 mm	KV400	ADLT1503...
F401/40CM4	€ 102,00	40 mm	4	4	44 mm	153 mm	KV400	ADLT1503...

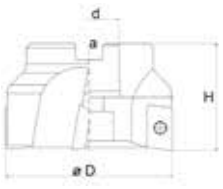
F400-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with medium power









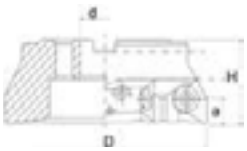
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F400/040	€ 93,20	40 mm	40 mm	8,4 mm	16 mm	4	KV400	ADLT1503...
F400/050	€ 125,00	50 mm	40 mm	10,4 mm	22 mm	5	KV400	ADLT1503...
F400/063	€ 143,00	63 mm	40 mm	10,4 mm	22 mm	6	KV400	ADLT1503...
F400/080	€ 183,00	80 mm	50 mm	12,4 mm	27 mm	7	KV400	ADLT1503...
F400/100	€ 225,00	100 mm	50 mm	14,4 mm	32 mm	8	KV400	ADLT1503...

F256-

FACE MILLING

With sleeve connection, recommended for use on machines with medium power







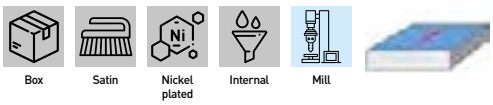
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F256/040	€ 147,00	40 mm	40 mm	16 mm	16 mm	3	F256/644	TPKN1603...
F256/050	€ 151,00	50 mm	40 mm	16 mm	22 mm	3	F256/644	TPKN1603...
F256/063	€ 164,00	63 mm	40 mm	16 mm	22 mm	3	F256/644	TPKN1603...
F256/080	€ 168,00	80 mm	50 mm	22 mm	27 mm	4	F256/648	TPKN2204...
F256/100	€ 217,00	100 mm	50 mm	22 mm	32 mm	5	F256/648	TPKN2204...

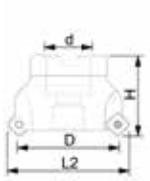
F407-

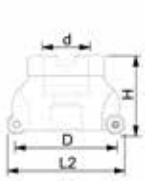
PRO

MILLING CUTTER WITH NEGATIVE INSERTS FOR FACE MILLING

With sleeve connection, recommended for use on machines with medium/high power.











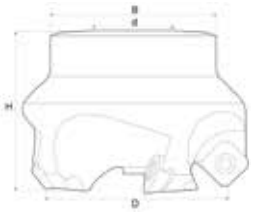
Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F407/050	€ 123,00	50	40	63	22	4	KV401	ONMX1205... - SNMX1205...
F407/063	€ 164,00	63	40	75	22	6	KV401	ONMX1205... - SNMX1205...
F407/080	€ 204,00	80	50	93	27	7	KV401	ONMX1205... - SNMX1205...
F407/100	€ 246,00	100	50	113	32	8	KV401	ONMX1205... - SNMX1205...

F303-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with medium power





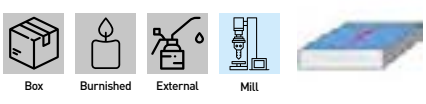


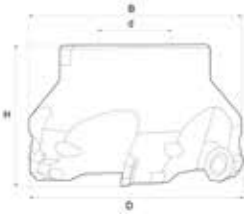
Art.	€	D	H	B	d	Z	Screw	Insert (not included)
F303/040	€ 115,00	40 mm	45 mm	53 mm	16 mm	3	KV500	SEHX1204... / SEHT1204...
F303/050	€ 129,00	50 mm	48 mm	60 mm	22 mm	4	KV500	SEHX1204... / SEHT1204...
F303/063	€ 151,00	63 mm	50 mm	76 mm	22 mm	5	KV500	SEHX1204... / SEHT1204...
F303/080	€ 181,00	80 mm	50 mm	93 mm	27 mm	5	KV500	SEHX1204... / SEHT1204...
F303/100	€ 213,00	100 mm	50 mm	113 mm	32 mm	6	KV500	SEHX1204... / SEHT1204...
F303/125	€ 313,00	125 mm	60 mm	138 mm	40 mm	7	KV500	SEHX1204... / SEHT1204...

F308-

FACE MILLING CUTTERS

With sleeve connection, thanks to the very positive geometry, excellent machined surfaces are obtained







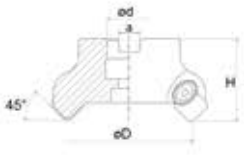
Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F308/063	€ 215,00	63 mm	40 mm	68 mm	22 mm	5	KV400	OFEX05T3...
F308/080	€ 277,00	80 mm	50 mm	86 mm	27 mm	6	KV400	OFEX05T3...
F308/100	€ 353,00	100 mm	50 mm	106 mm	32 mm	7	KV400	OFEX05T3...

F406-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with reduced power







Art.	€	D	H	a	d	Z	Screw	Insert base	Insert (not included)
F406/40	**€ 147,00**	40 mm	48 mm	8,4 mm	16 mm	3	VT00440	WSSP	SEKN1203...
F406/50	**€ 153,00**	50 mm	48 mm	10,4 mm	22 mm	4	VT00440	WSSP	SEKN1203...
F406/63	**€ 164,00**	63 mm	48 mm	12,4 mm	22 mm	5	VT00440	WSSP	SEKN1203...
F406/80	**€ 189,00**	80 mm	50 mm	14,4 mm	27 mm	5	VT00440	WSSP	SEKN1203...
F406/100	**€ 243,00**	100 mm	50mm	16,4 mm	32 mm	6	VT00440	WSSP	SEKN1203...

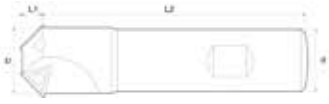
F307/16/22 € 147,00

INSERTS COUNTER SINKS SET

With cylindrical shank, for deburring of holes, slots and pockets, for milling plate edges





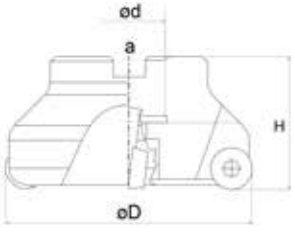


D	16 / 22 mm
d	12 / 20 mm
L1	7 mm
L2	90 / 100 mm
Z	1 / 2
Screw	KV250
Insert (not included)	TCMT1102

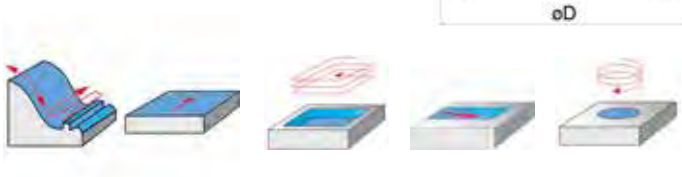
F403-

FACE MILLING CUTTER

With sleeve connection







Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F403/40	**€ 99,60**	40 mm	40 mm	8,4 mm	16 mm	3	KV400	RPMT1204...
F403/50	**€ 129,00**	50 mm	40 mm	10,4 mm	22 mm	4	KV400	RPMT1204...
F403/63	**€ 155,00**	63 mm	40 mm	10,4 mm	22 mm	5	KV400	RPMT1204...
F403/80	**€ 183,00**	80 mm	50 mm	12,4 mm	27 mm	6	KV400	RPMT1204...
F403/100	**€ 217,00**	100 mm	50 mm	14,4 mm	32 mm	6	KV400	RPMT1204...

BSTG16 € 24,60
SET 5 BASES 16MM



BU3550 € 24,60
5 BUSHING SET



BSCL09 € 24,60
SET 5 BASES 9MM



BSCL12 € 24,60
SET 5 BASES 12MM



BU4560 € 24,60
5 BUSHING SET



BSSS12 € 24,60
5 SQUARE BASES 12MM



BSVJ16 € 24,60
SET 5 BASES 16MM



BSDJ11 € 27,50
5 RHOMBIC BASES 11MM



BU4050 € 27,00
5 BUSHING SET



RICAPCLN € 16,60
BASE BRACKET SCREW KIT



RICAPTGN € 15,40
BASE BRACKET SCREW KIT



RICAPSSN € 16,60
BASE BRACKET SCREW KIT



STAFCKJNR € 19,50
RIGHT TOOL BRACKET



STAFCKJNL € 19,50
LEFT TOOL BRACKET



BASECKJNR € 11,30
CARBIDE BASE RIGHT TOOL



BASECKJNL € 11,30
CARBIDE BASE LEFT TOOL



VITECKJN € 4,58
TOOL SCREW



PDJNRKIT € 19,00
KIT PARTS



PWLNRKIT € 15,90
BASE BRACKET SCREW KIT



MCLNBASE25/32 € 19,30
BASE



CTMTMC16/20 € 23,80
TOOL BRACKET 16 - 20



CTMTMC25/32 € 23,80
TOOL BRACKET 25 - 32



MTFNBASE25/32 € 15,00
BASE



CTFP10/12 € 23,80
TOOL BRACKET



CTFPBASE25/32 € 15,00
BASE
For 25 - 32



BSER16 € 32,50
5 CARBIDE BASE 16MM



VT00440 € 20,80
5 PCS MILL SCREWS



BSNR16 € 32,50
5 CARBIDES
16 mm



F256/648 € 12,50
MILL SCREW 080/125



KVX
SCREWS 10 PCS



Art.	€	Screw
KV200	€ 20,40	T8 / M2
KV250	€ 20,40	T8 / M2,5
KV300	€ 20,40	T15 / M3
KV350	€ 20,40	T15 / M3,5
KV400	€ 20,40	T15 / M4
KV401	€ 20,40	T20 / M4
KV450	€ 20,40	T15 / M4,5
KV500	€ 20,40	T20 / M5

F256/644 € 7,00
MILL SCREW 040/063



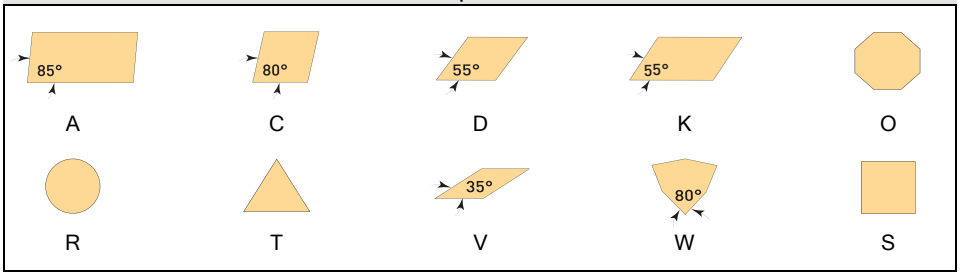
WSSP € 8,50
BASE



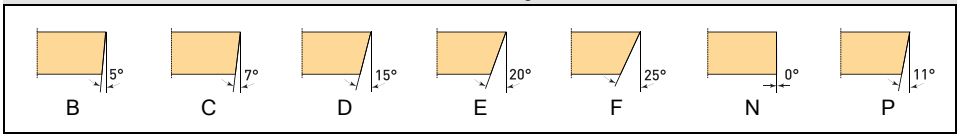
IDENTIFICATION OF TURNING AND MILLING INSERTS

C	N	M	G	12	04	08
1	2	3	4	5	6	7

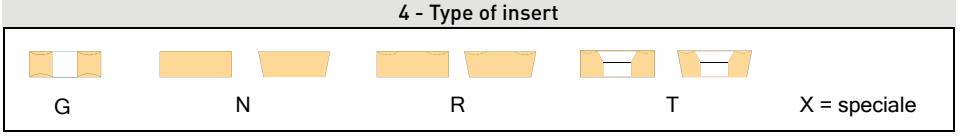
1 - Shape of insert



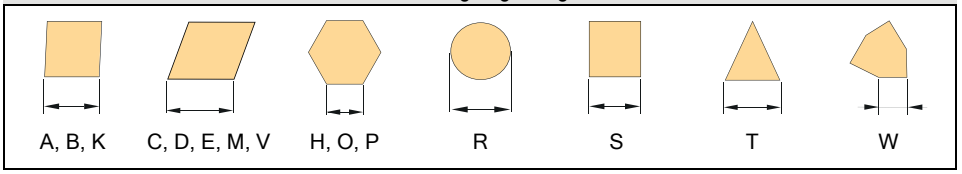
2 - Relief angle



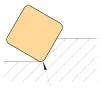
4 - Type of insert



5 - Cutting edge length

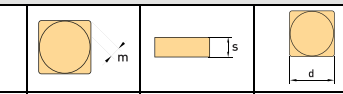


7 - Raggio



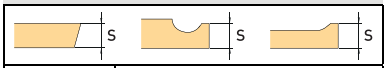
04	r 0,4
08	r 0,8
12	r 1,2
10	r 1,0

3 - Tollerance



	m	s	d
E	0,025	0,025	0,025
H	0,013	0,025	0,013
L	0,025	0,025	0,05 - 0,13
K	0,013	0,025	0,05 - 0,13
M	0,08	0,13	0,05 - 0,13
U	0,13 - 0,38	0,13 - 0,13	0,08 - 0,25

6 - Thickness



02	2,38 mm
03	3,18 mm
T3	3,97 mm
04	4,76 mm
05	5,56 mm
06	6,35 mm

ISO MATERIAL CLASSIFICATION

P	M	K
Lead and case-hardening steels, tempering and construction steels	Ferritic, austenitic, martensitic, duplex steels	Gray, hardened, spheroidal cast iron, CGI cast iron, sintered iron

CHARACTERISTICS OF INSERT GRADES

Grade	Coating	Work condition	Coolant	
				
N	CVD	Stable/Normal	X	
134	PVD	Stable/Normal		X
234	PVD	Stable/Normal		X
25	PVD	Stable		X
20A	PVD	Stable/Normal	X	X
F15	CVD	Stable	X	X
F25	CVD	Stable/Normal	X	X
M25	CVD	Stable/Normal	X	X
M35	CVD	Normal/Interrupted	X	X

	Description
	Coating
CVD	They are characterised by high wear resistance and excellent adhesion to carbide. In general turning they are applied in stainless steels and in the ISO P,M,K ranges.
PVD	They increase wear resistance due to their hardness. Their compressive stresses contribute to increased cutting edge toughness and resistance to comb crack formation.
	Work condition
Stable	Type of cut in which the insert has a homogeneous working condition.
Normal	Type of cut in which the insert may have an interrupted/repeated cutting condition.
Interrupted	Type of cut in which the insert will have several interruptions/restarts during processing.

IDENTIFICATION OF THREADING INSERTS

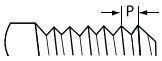
16	E	R	175	ISO
A1	A2	A3	A4	A5

A3 - Cutting direction	
R	Right
L	Left

A5 - Thread profile	
ISO	60° Metric Thread
W	Thread Whitworth 55°
AG60	60° Profile (Free Thread) 0,5 - 3mm
AG55	55° Profile (Free Thread) 28 - 11 TPI

A1 - Cutting edge length	
l	d
11	6,35
16	9,525
22	12,7

A2 - Threading	
	
E	I
External	Internal

A4 - Thread pitch	
	
mm	Threads/Inch
$\frac{A4}{100}$ (0,5 - 3mm)	(28 - 11 TPI)

GUIDE TO CHOOSING THE INSERT

	Materials			Field of use			Type of processing	
Type of insert	P	M	K	Finish	Medium	Roughing	Turning	Milling
CCMTx	●		o	✓			✓	
CCMTxA	●	o	o	✓			✓	
CNMGx	●		o	✓	✓		✓	
CNMGxF15	●		o	✓			✓	
CNMGxF25	o		o	✓			✓	
CNMGxM25	●		o		✓		✓	
CNMGxM35	o				✓		✓	
DCMTx	●		o	✓			✓	
DCMTxA	●	●	o	✓			✓	
DNMGx	●		o		✓		✓	
DNMGxM25	●		o		✓		✓	
DNMGxM35	o				✓		✓	
KNUx	●			✓			✓	
SCMTx	●	●	o	✓			✓	
SCMTxA1	●		o	✓			✓	
SCMTxA2	●	●	o	✓	✓		✓	
SCMTxA3	●	●	o	✓	✓		✓	
SNMGxF15	●		o	✓			✓	
SNMGxF25	o		o	✓			✓	
SNMGxM25	●		o		✓		✓	
SNMGxM35	o				✓		✓	
SPMRx	●			✓			✓	
TCMTx	●	●	o	✓	✓		✓	
TCMTxA	●	o	o	✓			✓	
WNMGx	●				✓		✓	
WNMGxM25	●		o		✓		✓	
WNMGxM35	o				✓		✓	

	Materials			Field of use			Type of processing	
Type of insert	**P**	**M**	**K**	**Finish**	**Medium**	**Roughing**	**Turning**	**Milling**
TNMGx	●		○	✓			✓	
TNMGxF15	●		○	✓			✓	
TNMGxF25	●		○	✓			✓	
TNMGxM25	●		○		✓		✓	
TNMGxM35	○				✓		✓	
TPMRx	●			✓			✓	
VBMTx	○			✓			✓	
VBMTxA	●	●	○	✓	✓		✓	
ADLTx	●				✓	✓		✓
ADLTxA	●	●			✓	✓		✓
ADLTxA1	●	●			✓	✓		✓
APKTx	○	●			✓			✓
OFEXx	●			✓	✓			✓
OFEXxA	●	●		✓	✓			✓
ONMXxA	●	●		✓	✓			✓
RDHTx	●		○		✓	✓		✓
RPMTx	●		○		✓	✓		✓
SEHTx	●			✓	✓			✓
SEHTxA	○	●		✓	✓			✓
SEKNx	●		○		✓	✓		✓
SEHXx	○				✓	✓		✓
SEHXxA	●	○			✓	✓		✓
SNMXx	●	●		✓	✓			✓
SPKNx	●	○			✓	✓		✓
TPKNx	●	○			✓	✓		✓
GCMX	●						✓	
GCMXA		●					✓	

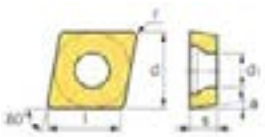
Key

- ● **Recommended Application**
- ○ **Possible Application**
- ✓ **Recommended field of application**

CCMTX

TURNING INSERTS

Positive





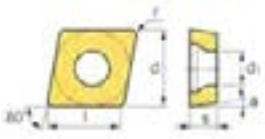
Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CCMT060204N	€ 7,20	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T304N	€ 8,30	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T308N	€ 8,30	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT120408N	€ 11,00	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

CCMTXA

TURNING INSERTS

Positive





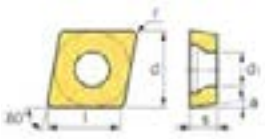
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CCMT06020420A	€ 7,50	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T30420A	€ 8,80	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T30820A	€ 8,80	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT12040820A	€ 11,50	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

CNMGX

TURNING INSERTS

Negative





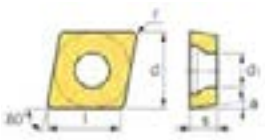
Box | Finishing | Medium | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404N	€ 9,20	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10
CNMG120408N	€ 9,20	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

CNMGXF15

TURNING INSERTS

Negative





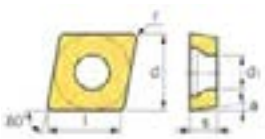
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F15	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10

CNMGXF25

TURNING INSERTS

Negative





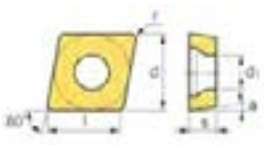
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F25	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10

CNMGXM25

TURNING INSERTS

Negative





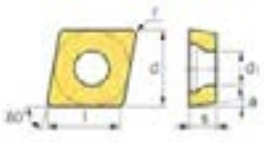
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M25	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

CNMGXM35

TURNING INSERTS

Negative





Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M35	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

DCMTX

TURNING INSERTS

Positive





Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DCMT070204N	€ 7,20	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T304N	€ 9,50	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

DCMTXA

TURNING INSERTS

Positive





Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DCMT07020420A	€ 7,50	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T30420A	€ 9,90	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

DNMGX

TURNING INSERTS

Negative





Box | Medium | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608N	€ 13,80	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

DNMGXM25

TURNING INSERTS

Negative





Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M25	€ 14,70	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

DNMGXM35

TURNING INSERTS

Negative





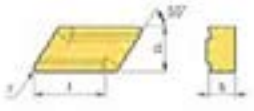
Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M35	€ 14,70	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

KNUX

TURNING INSERTS

Positive





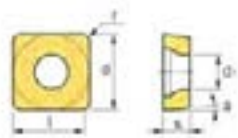
Box | Finishing | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
KNUX160405RN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410RN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10
KNUX160405LN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410LN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10

SCMTX

TURNING INSERTS

Positive





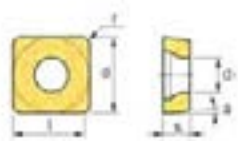
Box | Finishing | P | M | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T304N	€ 8,40	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
SCMT09T308N	€ 8,40	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
SCMT120408N	€ 11,70	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

SCMTXA1

TURNING INSERTS

Positive





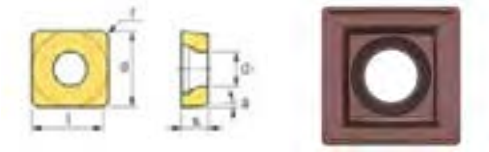
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30420A	€ 8,90	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10

SCMTXA2

TURNING INSERTS

Positive



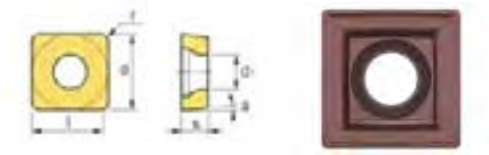
Box | Finishing | Medium | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30820A	€ 8,90	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

SCMTXA3

TURNING INSERTS

Positive



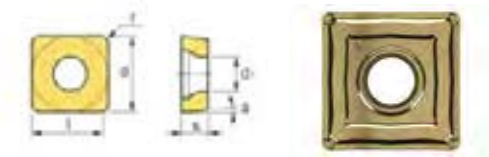
Box | Finishing | Medium | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT12040820A	€ 12,20	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

SNMGXF15

TURNING INSERTS

Negative



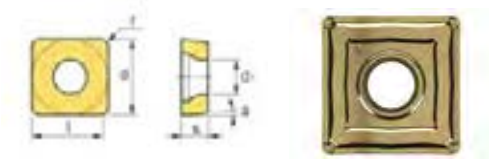
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F15	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

SNMGXF25

TURNING INSERTS

Negative



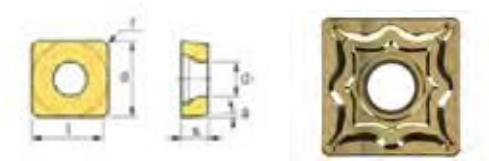
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F25	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

SNMGXM25

TURNING INSERTS

Negative



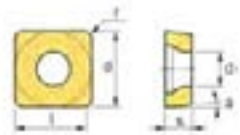
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M25	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10

SNMGXM35

TURNING INSERTS

Negative





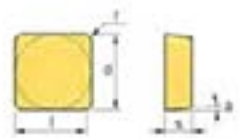
Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M35	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10

SPMRX

TURNING INSERTS

Positive





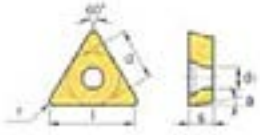
Box | Finishing | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
SPMR120304N	€ 9,60	12 mm	12.70 mm	12.70 mm	3.18 mm	0.40 mm	11°	10
SPMR120308N	€ 9,60	12 mm	12.70 mm	12.70 mm	3.18 mm	0.80 mm	11°	10

TCMTX

TURNING INSERTS

Positive





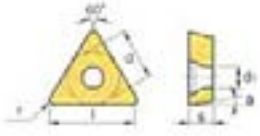
Box | Finishing | Medium | P | M | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TCMT090204N	€ 7,00	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT110204N	€ 7,30	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T304N	€ 9,30	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T308N	€ 9,30	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

TCMTXA

TURNING INSERTS

Positive





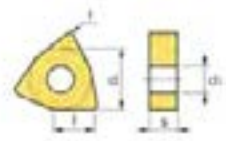
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TCMT09020420A	€ 7,40	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT11020420A	€ 7,70	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T30420A	€ 9,80	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T30820A	€ 9,80	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

WNMGX

TURNING INSERTS

Negative





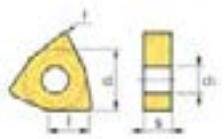
Box | Medium | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408N	€ 11,70	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

WNMGXM25

TURNING INSERTS

Negative





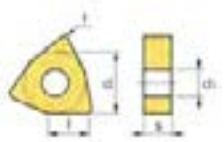
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M25	€ 12,20	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

WNMGXM35

TURNING INSERTS

Negative





Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M35	€ 12,20	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

TNMGX

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404N	€ 9,90	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10
TNMG160408N	€ 9,90	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10
TNMG220408N	€ 11,00	22 mm	12.70 mm	18.25 mm	4.76 mm	0.80 mm	5.16 mm	-	10

TNMGXF15

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F15	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

TNMGXF25

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F25	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

TNMGXM25

TURNING INSERTS

Negative



Box · Medium · P · K · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M25	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

TNMGXM35

TURNING INSERTS

Negative



Box · Medium · P · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M35	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

TPMRX

TURNING INSERTS

Positive



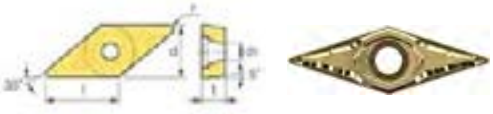
Box · Finishing · P · Turning · Emulsion · made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
TPMR110304N	€ 6,30	11 mm	5.98 mm	10.37 mm	3.18 mm	0.40 mm	11°	10
TPMR110308N	€ 6,30	11 mm	5.98 mm	10.37 mm	3.18 mm	0.80 mm	11°	10
TPMR160304N	€ 8,40	16 mm	9.23 mm	16 mm	3.18 mm	0.40 mm	11°	10
TPMR160308N	€ 8,40	16 mm	9.23 mm	16 mm	3.18 mm	0.80 mm	11°	10

VBMTX

TURNING INSERTS

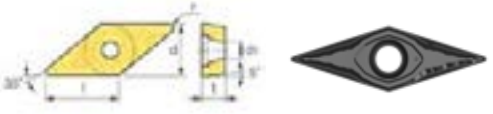
Positive



Box · Finishing · Medium · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
VBMT160404N	€ 13,40	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10

VBMTXA



Box · Finishing · Medium · P · M · K · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
VBMT16040420A	€ 14,20	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10

ADLTXA

MILLING INSERTS

90°



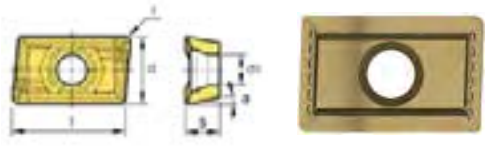
Box · Medium · Roughing · P · M · Milling · Emulsion · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT150308R20A	€ 10,30	15 mm	9.52 mm	14.5 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

ADLTX

MILLING INSERTS

90°



Box · Medium · Roughing · P · Milling · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR234	€ 9,00	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

ADLTXA1

MILLING INSERTS

90°



Box · Medium · Roughing · P · M · Milling · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR20A	€ 9,60	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

APKTX

MILLING INSERTS

90°



Box · Medium · P · M · Milling · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
APKT1003PDER20A	€ 11,80	10 mm	6.70 mm	10.00 mm	3.18 mm	0.50 mm	3.20 mm	11°	10
APKT1604PDER20A	€ 13,40	16 mm	9.50 mm	16.30 mm	4.76 mm	0.90 mm	4.40 mm	11°	10

OFEXX

MILLING INSERTS

45°



Box · Finishing · Medium · P · Milling · Dry · made in Italy

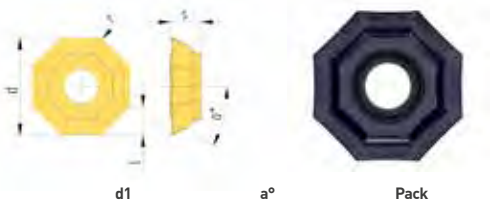
Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T305234	€ 12,30	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

OFEXXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy



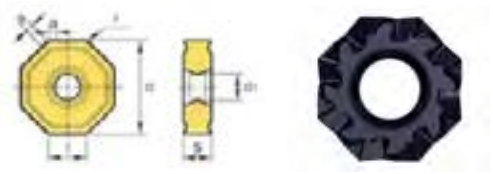
Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T30520A	€ 13,00	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

ONMXXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

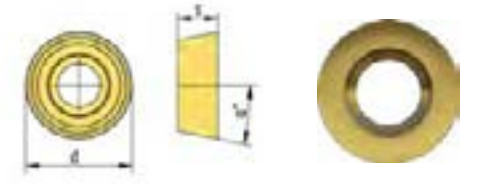


Art.	€	Dimensions	d	l	S	d1	a°	Pack
ONMX120520A	€ 15,90	12 mm	12.70 mm	1.50 mm	5.56 mm	6.00 mm	-	10

RDHTX

MILLING INSERTS

Box | Medium | Roughing | P | K | Milling | Emulsion | made in Italy

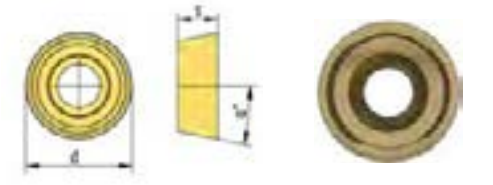


Art.	€	Dimensions	d	S	a°	Pack
RDHT10T3MO-N	€ 11,00	10 mm	10 mm	3.97 mm	15°	10

RPMTX

MILLING INSERTS

Box | Medium | Roughing | P | K | Milling | Emulsion | made in Italy



Art.	€	Dimensions	d	S	a°	Pack
RPMT1204N	€ 10,40	12 mm	12 mm	4.76 mm	11°	10

SEHTX

MILLING INSERTS

45°

Box | Finishing | Medium | P | Milling | Dry | made in Italy



Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN234	€ 16,20	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEHTXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

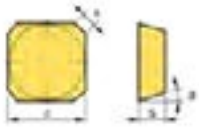


Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN20A	€ 17,10	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEKNX

MILLING INSERTS

45°





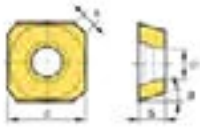
Box | Medium | Roughing | P | K | Milling | Dry | made in Italy

Art.	€	Dimensions	d	a	S	a°	Pack
SEKN1203AFN25	€ 9,30	12 mm	12.70 mm	1.80 mm	3.18 mm	20°	10

SEHXX

MILLING INSERTS

45°





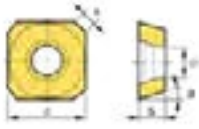
Box | Medium | Roughing | P | Milling | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHX1204234	€ 12,10	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEHXXA

MILLING INSERTS

45°





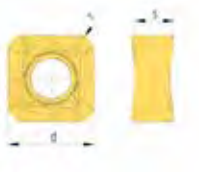
Box | Medium | Roughing | P | M | Milling | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHX120420A	€ 12,80	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SNMXX

MILLING INSERTS

45°



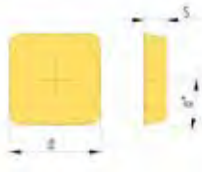


Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SNMX120520A	€ 12,50	12 mm	12.70 mm	1.80 mm	5.56 mm	6.00 mm	-	10

SPKNX

MILLING INSERTS





Box | Medium | Roughing | P | M | Milling | Dry | made in Italy

Art.	€	Dimensions	l	a	S	a°	Pack
SPKN1203R25	€ 10,70	12 mm	12.7 mm	1.40 mm	3.18 mm	11°	10

TPKNX

MILLING INSERTS





Box | Medium | Roughing | P | M | Milling | Dry | made in Italy

Art.	€	Dimensions	d	l	a	S	a°	Pack
TPKN1603R25	€ 8,40	16 mm	9.52 mm	16.50 mm	1.47 mm	3.18 mm	11°	10
TPKN2204R25	€ 12,10	22 mm	12.70 mm	22.00 mm	1.47 mm	4.76 mm	11°	10

16IRX

INTERNAL THREAD INSERTS



Box Turning

Art.	€	Thread	Pack
11IRA55134	€ 11,00	Whitworth 28 - 11 TPI	10
11IRA60134	€ 11,00	Metric 0.2 - 3 mm	10
16IR100ISO134	€ 12,30	P. Metric 1 mm	10
16IR125ISO134	€ 12,30	P. Metric 1.25 mm	10
16IR150ISO134	€ 12,30	P. Metric 1.50 mm	10
16IR175ISO134	€ 12,30	P. Metric 1.75 mm	10
16IR200ISO134	€ 12,30	P. Metric 2.00 mm	10
16IR250ISO134	€ 12,30	P. Metric 2.50 mm	10
16IR300ISO134	€ 12,30	P. Metric 3.00 mm	10
16IRAG60134	€ 12,30	Metric 0.2 - 3 mm	10
16IR14W134	€ 12,30	Whitwort 14 TPI	10
16IR11W134	€ 12,30	Whitworth 11 TPI	10
16IRAG55134	€ 12,30	Whitworth 28 - 11 TPI	10

16ERX

EXTERNAL THREAD INSERTS



Box Turning

Art.	€	Thread	Pack
16ER100ISO134	€ 12,30	P. Metric 1 mm	10
16ER125ISO134	€ 12,30	P. Metric 1.25 mm	10
16ER150ISO134	€ 12,30	P. Metric 1.50 mm	10
16ER175ISO134	€ 12,30	P. Metric 1.75 mm	10
16ER200ISO134	€ 12,30	P. Metric 2.00 mm	10
16ER250ISO134	€ 12,30	P. Metric 2.50 mm	10
16ER300ISO134	€ 12,30	P. Metric 3.00 mm	10
16ERAG60134	€ 12,30	Metric 0.2 - 3 mm	10
16ER14W134	€ 12,30	Whitworth 14 TPI	10
16ER11W134	€ 12,30	Whitworth 11 TPI	10
16ERAG55134	€ 12,30	Whitworth 28 - 11 TPI	10

GCMX

CUTTING INSERTS



Box P Turning made in Italy

Art.	€	Thickness	r	Pack
GCMX2N134	€ 8,80	2.20 mm	0.20 mm	10
GCMX3N134	€ 8,80	3.10 mm	0.20 mm	10
GCMX4N134	€ 9,90	4.10 mm	0.20 mm	10
GCMX5N134	€ 10,40	5.10 mm	0.3 mm	10

GCMXA

CUTTING INSERTS



Box M Turning made in Italy

Art.	€	Thickness	r	Pack
GCMX2N20A	€ 9,20	2.20 mm	0.20 mm	10
GCMX3N20A	€ 9,20	3.10 mm	0.20 mm	10
GCMX4N20A	€ 10,50	4.10 mm	0.20 mm	10
GCMX5N20A	€ 11,00	5.10 mm	0.30 mm	10

165X

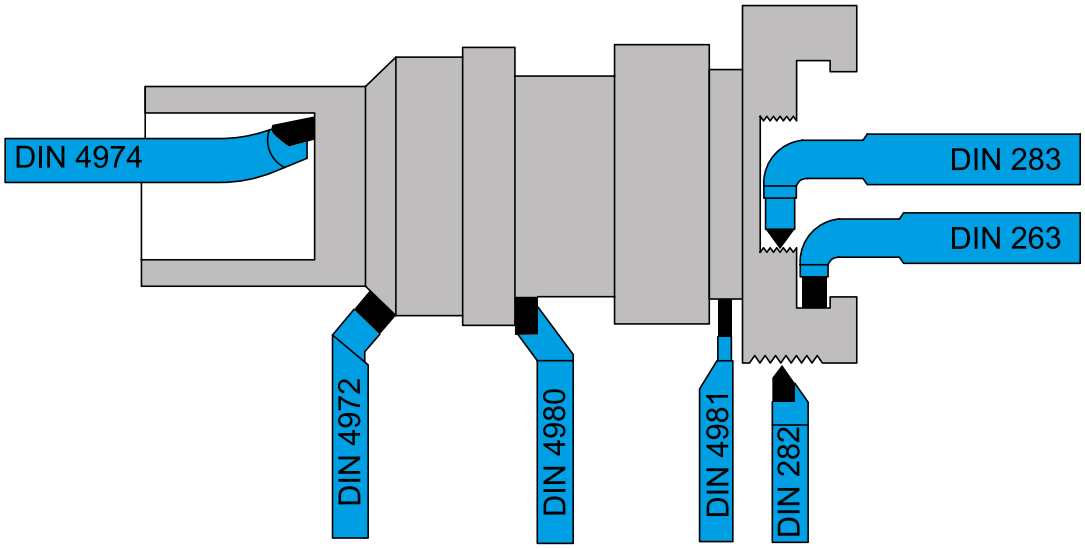
GROOVE INSERTS



Box Turning

Art.	€	S	Pack
165110134	€ 12,30	1.10 mm	10
165130134	€ 12,30	1.30 mm	10
165160134	€ 12,30	1.60 mm	10
165185134	€ 12,30	1..85 mm	10

Art.	€	S	Pack
165215134	€ 12,30	2.15 mm	10
165265134	€ 12,30	2.65 mm	10
165315134	€ 12,30	3.15 mm	10



B005-

CARBIDE TIPPED LATH E TOOL SET



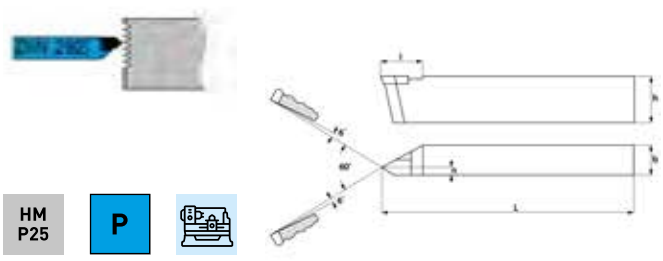
5 Pcs | Blister | HM P25 | P | Lathe

Art.	€	Kit
B005	€ 25,40	1BRAS411108RP - 1BRAS411110RP - 1BRAS410312RP - 1BRAS410412RP - 1BRAS410912RP
B005/16	€ 38,10	1BRAS411110RP - 1BRAS411112RP - 1BRAS410316RP - 1BRAS410416RP - 1BRAS410916RP
B005/20	€ 47,70	1BRAS411112RP - 1BRAS411116RP - 1BRAS410320RP - 1BRAS410420RP - 1BRAS410920RP

BRFEX

CARBIDE TIPPED TOOL FOR EXTERNAL THREAD

DIN 282, for the execution of all external 60 ° threads



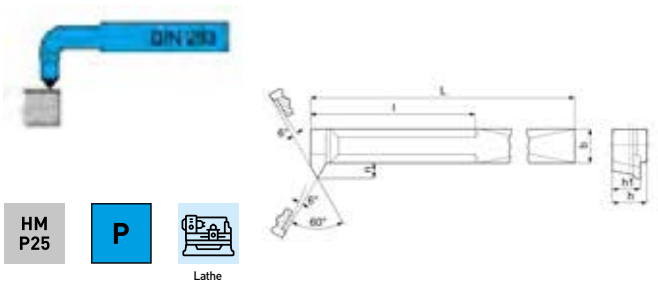
HM P25 | P | Lathe

Art.	€	L	b	h
BRFE12RP	€ 9,10	90 mm	12 mm	12 mm
BRFE16RP	€ 10,40	100 mm	16 mm	16 mm
BRFE20RP	€ 12,90	125 mm	20 mm	20 mm
BRFE25RP	€ 15,60	140 mm	25 mm	25 mm

BRFIX

CARBIDE TIPPED TOOL FOR INTERNAL THREAD

DIN 283, for the execution of all internal 60 ° threads



HM P25 | P | Lathe

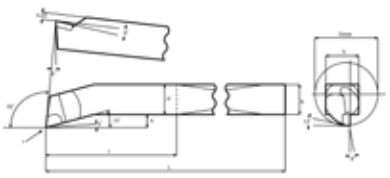
Art.	€	L	b	h
BRFI10RP	€ 9,60	150 mm	10 mm	10 mm
BRFI12RP	€ 10,40	180 mm	12 mm	12 mm
BRFI16RP	€ 12,90	210 mm	16 mm	16 mm
BRFI20RP	€ 13,40	250 mm	20 mm	20 mm
BRFI25RP	€ 16,70	300 mm	25 mm	25 mm

BRAS4111X

CARBIDE TIPPED TOOL FOR BLIND HOLES

ISO 9 - DIN 4974.





HM P25 | P | Lathe

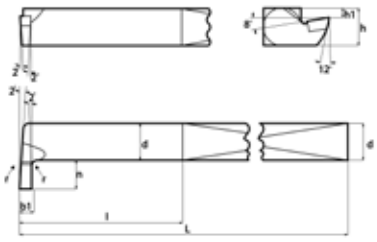
Art.	€	L	b	h
BRAS411108RP	€ 6,90	125 mm	8 mm	8 mm
BRAS411110RP	€ 8,40	150 mm	10 mm	10 mm
BRAS411112RP	€ 8,90	180 mm	12 mm	12 mm
BRAS411116RP	€ 10,70	210 mm	16 mm	16 mm
BRAS411120RP	€ 11,50	250 mm	20 mm	20 mm
BRAS411125RP	€ 17,30	300 mm	25 mm	25 mm
BRAS411132RP	€ 20,70	355 mm	32 mm	32 mm

BRCIX

CARBIDE TIPPED TOOL FOR INTERNAL SLOTS

DIN 263.





HM P25 | P | Lathe

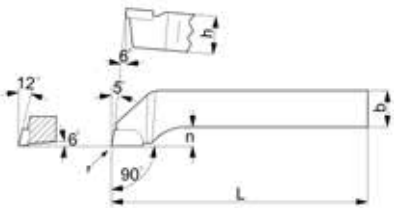
Art.	€	L	b	h	b1
BRCI10RP	€ 9,90	150 mm	10 mm	10 mm	3 mm
BRCI12RP	€ 9,90	180 mm	12 mm	12 mm	4 mm
BRCI16RP	€ 11,30	210 mm	16 mm	16 mm	5 mm
BRCI20RP	€ 12,30	210 mm	20 mm	20 mm	6 mm
BRCI25RP	€ 15,90	300 mm	25 mm	25 mm	8 mm

BRAS4104X

CARBIDE TIPPED TOOL FOR FACING

ISO 6 - DIN 4980.





HM P25 | P | Lathe

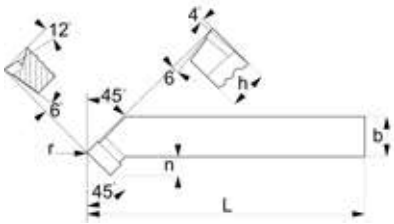
Art.	€	L	b	h
BRAS410410LP	€ 6,00	90 mm	10 mm	10 mm
BRAS410410RP	€ 6,00	90 mm	10 mm	10 mm
BRAS410412LP	€ 6,60	100 mm	12 mm	12 mm
BRAS410412RP	€ 6,60	100 mm	12 mm	12 mm
BRAS410416LP	€ 7,90	110 mm	16 mm	16 mm
BRAS410416RP	€ 7,90	110 mm	16 mm	16 mm
BRAS410420LP	€ 9,60	125 mm	20 mm	20 mm
BRAS410420RP	€ 9,60	125 mm	20 mm	20 mm
BRAS410425RP	€ 14,00	140 mm	25 mm	25 mm

BRAS4103X

CARBIDE TIPPED TOOL FOR OUTSIDE ROUGHING

ISO 2 - DIN 4972.





HM P25 | P | Lathe

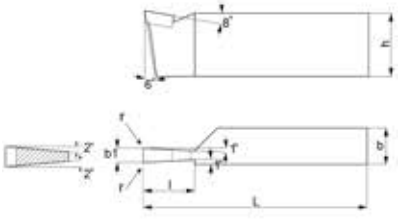
Art.	€	L	b	h
BRAS410310RP	€ 6,30	90 mm	10 mm	10 mm
BRAS410312LP	€ 6,90	100 mm	12 mm	12 mm
BRAS410312RP	€ 6,90	100 mm	12 mm	12 mm
BRAS410316LP	€ 8,30	110 mm	16 mm	16 mm
BRAS410316RP	€ 8,30	110 mm	16 mm	16 mm
BRAS410320LP	€ 10,20	125 mm	20 mm	20 mm
BRAS410320RP	€ 10,20	125 mm	20 mm	20 mm
BRAS410325RP	€ 14,70	140 mm	25 mm	25 mm

BRAS4109X

CARBIDE TIPPED TOOL FOR CUTTING OFF

ISO 7 - DIN 4981





HM P25 | P | Lathe

Art.	€	L	b	h	b1
BRAS410912RP	€ 6,30	100 mm	8 mm	12 mm	3 mm
BRAS410916RP	€ 6,90	110 mm	10 mm	16 mm	3,5 mm
BRAS410920RP	€ 7,70	125 mm	12 mm	20 mm	5 mm
BRAS410925RP	€ 10,90	140 mm	16 mm	25 mm	6 mm

B012-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8% | Lathe

Art.	€	ø	Length	Tolerance
B012/04	€ 8,90	4 mm	200 mm	h9
B012/05	€ 9,90	5 mm	200 mm	h9
B012/06	€ 11,30	6 mm	200 mm	h9
B012/08	€ 14,70	8 mm	200 mm	h9
B012/10	€ 18,20	10 mm	200 mm	h9
B012/12	€ 23,10	12 mm	200 mm	h9
B012/13	€ 28,40	13 mm	135 mm	h9
B012/16	€ 43,50	16 mm	200 mm	h9
B012/20	€ 56,20	20 mm	200 mm	h9

B013-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8%

Lathe

Art.	€	Sides dimension	Length	Tolerance
B013/04X04	€ 10,30	4 x 4 mm	200 mm	h13
B013/05X05	€ 13,00	5 x 5 mm	200 mm	h13
B013/06X06	€ 14,30	6 x 6 mm	200 mm	h13
B013/08X08	€ 17,30	8 x 8 mm	200 mm	h13
B013/10X10	€ 24,20	10 x 10 mm	200 mm	h13
B013/12X12	€ 28,50	12 x 12 mm	200 mm	h13
B013/14X14	€ 39,90	14 x 14 mm	200 mm	h13
B013/16X16	€ 45,80	16 x 16 mm	200 mm	h13
B013/20X20	€ 67,70	20 x 20 mm	200 mm	h13

B014-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8%

Lathe

Art.	€	Sides dimension	Length	Tolerance
B014/20X04	€ 24,60	20 x 04 mm	200 mm	h13
B014/20X05	€ 26,40	20 x 05 mm	200 mm	h13
B014/20X06	€ 39,60	20 x 06 mm	200 mm	h13
B014/20X08	€ 50,20	20 x 08 mm	200 mm	h13
B014/20X10	€ 53,30	20 x 10 mm	200 mm	h13
B014/20X12	€ 53,30	20 x 12 mm	200 mm	h13
B014/25X06	€ 38,50	25 x 06 mm	200 mm	h13



TYPES OF MATERIAL USED IN THE CONSTRUCTION OF HELICAL TIPS

	Type	Description	Duration	Processable metals
HSS	 ST1Ax  P023-  ST2Ax	HSS, High Speed Steel, is the most common of all metal tool steels. A tool made of HSS has high hardness and good strength.	**	Alloy and non-alloy steels, non-ferrous metals, grey and malleable cast iron, sintered iron
HSS-TiN	 P058-	The titanium coating, carried out to a HSS tool forms a harder and stronger alloy. This leads to a drill capable of machining the same materials as HSS but with much reduced cutting edge wear.	****	Alloy and non-alloy steels, non-ferrous metals, malleable cast iron, sintered iron
HSS-Co5%	 P065-	Cobalt, added to a steel tool such as HSS - in this case 5% - gives strength and resistance and increases the hardness of the tool itself. Cobalt retains its properties at a higher temperature than titanium, which makes it possible to drill at a higher speed and under more critical conditions.	*****	Hard and treated steels, stainless steels, chrome-nickel, cast iron and bronze
HSS-Co8%	 P064-	Cobalt, added to a steel tool such as HSS - in this case 8% - gives strength and resistance and increases the hardness of the tool itself. Cobalt retains its properties at a higher temperature than titanium, which makes it possible to drill at a higher speed and under more critical conditions.	*****	Hard and treated steels, stainless steels, chrome-nickel, cast iron and bronze

DRILLING PARAMETERS BY MATERIAL TYPE HSS, HSS-CO5% AND HSS-CO8% DRILL TIPS

Materials to be processed	Tip type	Peripheral speed Vt (m/min)	Tip diameter				Coolant
			2	5	8	12	
			Feed (mm/revolution)				
Non-alloy structural steel R<600N/mm2	HSS	20 - 25	0,05	0,12	0,20	0,25	Emulsion
	HSS-Tin	25 - 30					
Low alloy construction steel R< 700÷900N/mm2	HSS	10 - 12	0,03	0,07	0,10	0,16	Emulsion
	HSS-Tin	15 - 18					
Alloy steel R< 1100÷1300N/mm2	HSS	6 - 8	0,02	0,05	0,08	0,12	Emulsion
	HSS-Tin	8 - 10					
Stainless steel	Hss-Co5%	6 - 8	0,02	0,05	0,08	0,12	Emulsion
	Hss-Co8%	8 - 10					
Grey Cast Iron 200HB	HSS	15 - 20	0,02	0,12	0,20	0,25	No refriger.
	HSS-Tin	20 - 25					
Grey Cast Iron 350HB	HSS	5 - 10	0,03	0,07	0,10	0,16	No refriger.
	HSS-Tin	20 - 25					
Bronze	HSS	20 - 30	0,05	0,08	0,14	0,20	Emulsion or Oil
Brass	HSS	40 - 70	0,06	0,16	0,22	0,32	
Aluminium	HSS	40 - 80	0,05	0,14	0,18	0,22	Emulsion
Aluminium alloys	HSS	30 - 60	0,05	0,14	0,18	0,22	

THEORETICAL NUMBER OF RPM FOR THE USE OF HELICAL TIPS ACCORDING TO THE CHOSEN Vt

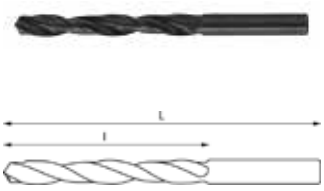
ø	Cutting speed Vc (mt/min)																	
	3	4	5	6	8	10	12	15	18	20	25	30	35	40	50	60	70	80
(mm)	Number of revolutions per minute (rpm)																	
2	478	637	796	955	1274	1592	1911	2389	2866	3185	3981	4777	5573	6369	7962	9554	11146	12739
3	318	425	531	637	849	1062	1274	1592	1911	2123	2654	3185	3715	4246	5308	6369	7431	8493
4	239	318	398	478	637	796	955	1194	1433	1592	1990	2389	2787	3185	3981	4777	5573	6369
5	191	255	318	382	510	637	764	955	1146	1274	1592	1911	2229	2548	3185	3822	4459	5096
6	159	212	265	318	425	531	637	796	955	1062	1327	1592	1858	2123	2654	3185	3715	4246
8	119	159	199	239	318	398	478	597	717	796	995	1194	1393	1592	1990	2389	2787	3185
10	96	127	159	191	255	318	382	478	573	637	796	955	1115	1274	1592	1911	2229	2548
12	80	106	133	159	212	265	318	398	478	531	663	796	929	1062	1327	1592	1858	2123

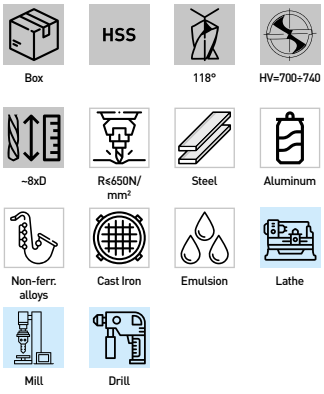


ST1AX

STRAIGHT SHANK TWIST DRILL

DIN 338/N, right hand, black finish





Art.	€	ø	L	l	Pack
ST1A01	€ 0,43	1,00 mm	34 mm	12 mm	10
ST1A01.25	€ 0,43	1,25 mm	38 mm	16 mm	10
ST1A01.50	€ 0,43	1,50 mm	40 mm	18 mm	10
ST1A01.75	€ 0,43	1,75 mm	46 mm	22 mm	10
ST1A02	€ 0,43	2,00 mm	49 mm	24 mm	10
ST1A02.25	€ 0,43	2,25 mm	53 mm	27 mm	10
ST1A02.50	€ 0,43	2,50 mm	57 mm	30 mm	10
ST1A02.75	€ 0,43	2,75 mm	61 mm	33 mm	10
ST1A03	€ 0,43	3,00 mm	61 mm	33 mm	10
ST1A03.25	€ 0,48	3,25 mm	65 mm	36 mm	10
ST1A03.50	€ 0,48	3,50 mm	70 mm	39 mm	10
ST1A03.75	€ 0,48	3,75 mm	70 mm	39 mm	10
ST1A04	€ 0,48	4,00 mm	75 mm	43 mm	10
ST1A04.25	€ 0,56	4,25 mm	75 mm	43 mm	10
ST1A04.50	€ 0,56	4,50 mm	80 mm	47 mm	10
ST1A04.75	€ 0,56	4,75 mm	80 mm	47 mm	10
ST1A05	€ 0,63	5,00 mm	86 mm	52 mm	10
ST1A05.25	€ 0,63	5,25 mm	86 mm	52 mm	10
ST1A05.50	€ 0,63	5,50 mm	93 mm	57 mm	10
ST1A05.75	€ 0,72	5,75 mm	93 mm	57 mm	10
ST1A06	€ 0,72	6,00 mm	93 mm	57 mm	10
ST1A06.25	€ 0,82	6,25 mm	101 mm	63 mm	10
ST1A06.50	€ 0,82	6,50 mm	101 mm	63 mm	10
ST1A06.75	€ 1,09	6,75 mm	109 mm	69 mm	10
ST1A07	€ 1,09	7,00 mm	109 mm	69 mm	10
ST1A07.25	€ 1,09	7,25 mm	109 mm	69 mm	10
ST1A07.50	€ 1,19	7,50 mm	109 mm	69 mm	10
ST1A07.75	€ 1,27	7,75 mm	117 mm	75 mm	10
ST1A08	€ 1,27	8,00 mm	117 mm	75 mm	10
ST1A08.25	€ 1,46	8,25 mm	117 mm	75 mm	5
ST1A08.50	€ 1,46	8,50 mm	117 mm	75 mm	5
ST1A08.75	€ 1,62	8,75 mm	125 mm	81 mm	5
ST1A09	€ 1,62	9,00 mm	125 mm	81 mm	5
ST1A09.25	€ 1,80	9,25 mm	125 mm	81 mm	5
ST1A09.50	€ 1,80	9,50 mm	125 mm	81 mm	5
ST1A09.75	€ 1,90	9,75 mm	133 mm	87 mm	5
ST1A10	€ 1,99	10,00 mm	133 mm	87 mm	5
ST1A10.25	€ 2,36	10,25 mm	133 mm	87 mm	5
ST1A10.50	€ 2,36	10,50 mm	133 mm	87 mm	5
ST1A10.75	€ 2,70	10,75 mm	142 mm	94 mm	5
ST1A11	€ 2,70	11,00 mm	142 mm	94 mm	5
ST1A11.25	€ 3,07	11,25 mm	142 mm	94 mm	5
ST1A11.50	€ 3,07	11,50 mm	142 mm	94 mm	5
ST1A11.75	€ 3,43	11,75 mm	142 mm	94 mm	5
ST1A12	€ 3,43	12,00 mm	151 mm	101 mm	5
ST1A12.25	€ 3,89	12,25 mm	151 mm	101 mm	5
ST1A12.50	€ 3,89	12,50 mm	151 mm	101 mm	5
ST1A12.75	€ 3,89	12,75 mm	151 mm	101 mm	5
ST1A13	€ 3,89	13,00 mm	151 mm	101 mm	5

P046 € 31,30

TWIST DRILL SET

DIN 338/N, right hand, black finish.




25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P045 € 15,80

TWIST DRILL SET

DIN 338/N, right hand, black finish.



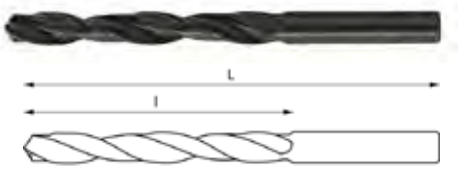

19 Pcs

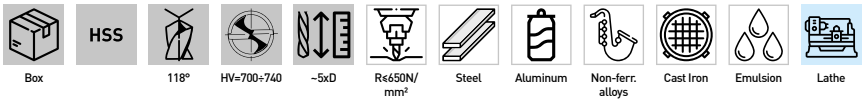
Size (step 0,5 mm)	1÷10 mm

ST1AXC

STRAIGHT SHANK TWIST DRILL

DIN 1897/N, rolled, right hand, short length, black finish





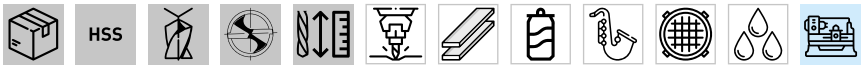
Art.	€	ø	L	l	Pack
ST1A02.00C	€ 0,31	2,00 mm	38 mm	12 mm	10
ST1A02.50C	€ 0,31	2,50 mm	43 mm	14 mm	10
ST1A03.00C	€ 0,31	3,00 mm	46 mm	16 mm	10
ST1A03.25C	€ 0,36	3,25 mm	49 mm	18 mm	10
ST1A03.50C	€ 0,36	3,50 mm	52 mm	20 mm	10
ST1A03.75C	€ 0,40	3,75 mm	52 mm	20 mm	10
ST1A04.00C	€ 0,40	4,00 mm	55 mm	22 mm	10
ST1A04.25C	€ 0,43	4,25 mm	55 mm	22 mm	10
ST1A04.50C	€ 0,43	4,50 mm	58 mm	24 mm	10
ST1A05.00C	€ 0,52	5,00 mm	62 mm	26 mm	10
ST1A05.50C	€ 0,71	5,50 mm	66 mm	28 mm	10
ST1A06.00C	€ 0,71	6,00 mm	66 mm	28 mm	10

ST1AXR10

STRAIGHT SHANK TWIST DRILL

DIN 338/N, 10 mm reduced shank rolled twist drill, right hand, black finish





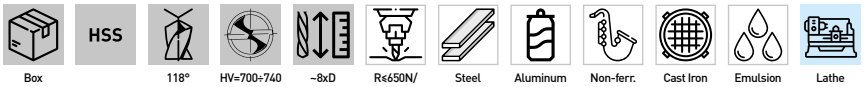
Art.	€	ø	L	l	Pack
ST1A10.25R10	€ 2,53	10,25 mm	133 mm	87 mm	5
ST1A10.50R10	€ 2,53	10,5 mm	133 mm	87 mm	5
ST1A10.75R10	€ 2,86	10,75 mm	142 mm	94 mm	5
ST1A11.00R10	€ 2,86	11,00 mm	142 mm	94 mm	5
ST1A11.25R10	€ 3,28	11,25 mm	142 mm	94 mm	5
ST1A11.50R10	€ 3,28	11,5 mm	142 mm	94 mm	5
ST1A11.75R10	€ 3,70	11,75 mm	142 mm	94 mm	5
ST1A12.00R10	€ 3,70	12 mm	151 mm	101 mm	5
ST1A12.25R10	€ 4,12	12,25 mm	151 mm	101 mm	5
ST1A12.50R10	€ 4,12	12,50 mm	151 mm	101 mm	5
ST1A12.75R10	€ 4,12	12,75 mm	151 mm	101 mm	5
ST1A13.00R10	€ 4,12	13 mm	151 mm	101 mm	5
ST1A13.25R10	€ 5,20	13,25 mm	160 mm	108 mm	5
ST1A13.50R10	€ 5,20	13,5 mm	160 mm	108 mm	5
ST1A13.75R10	€ 5,20	13,75 mm	160 mm	108 mm	5
ST1A14.00R10	€ 5,20	14,00 mm	160 mm	108 mm	5
ST1A14.25R10	€ 5,70	14,25 mm	169 mm	114 mm	5
ST1A14.50R10	€ 5,70	14,5 mm	169 mm	114 mm	5
ST1A14.75R10	€ 5,70	14,75 mm	169 mm	114 mm	5
ST1A15.00R10	€ 5,70	15 mm	169 mm	114 mm	5
ST1A15.25R10	€ 7,00	15,25 mm	178 mm	120 mm	5
ST1A15.50R10	€ 7,00	15,50 mm	178 mm	120 mm	5
ST1A15.75R10	€ 7,00	15,75 mm	178 mm	120 mm	5
ST1A16.00R10	€ 7,00	16 mm	178 mm	120 mm	5

ST1AXR13

STRAIGHT SHANK TWIST DRILL

DIN 338/N, 13 mm reduced shank rolled twist drill, right hand, black finish



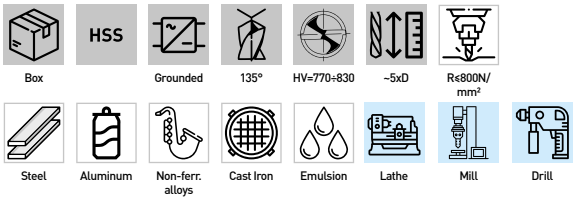


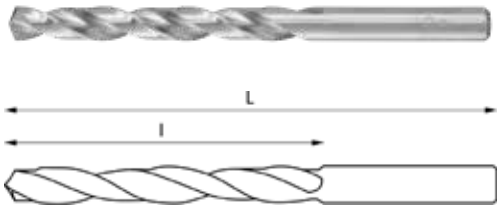
Art.	€	ø	L	l	Pack
ST1A13.25R13	€ 5,20	13,25 mm	160 mm	108 mm	5
ST1A13.50R13	€ 5,20	13,50 mm	160 mm	108 mm	5
ST1A13.75R13	€ 5,20	13,75 mm	160 mm	108 mm	5
ST1A14.00R13	€ 5,20	14,00 mm	160 mm	108 mm	5
ST1A14.25R13	€ 5,70	14.25 mm	169 mm	114 mm	5
ST1A14.50R13	€ 5,70	14,50 mm	169 mm	114 mm	5
ST1A14.75R13	€ 5,70	14,75 mm	169 mm	114 mm	5
ST1A15.00R13	€ 5,70	15,00 mm	169 mm	114 mm	5
ST1A15.25R13	€ 7,00	15,25 mm	178 mm	120 mm	5
ST1A15.50R13	€ 7,00	15,50 mm	178 mm	120 mm	5
ST1A15.75R13	€ 7,00	15,75 mm	178 mm	120 mm	5
ST1A16.00R13	€ 7,00	16,00 mm	178 mm	120 mm	5

P023-

STRAIGHT SHANK TWIST DRILL

DIN 338/N, Right hand, rectified





Art.	€	ø	L	l	Pack
P023/00.30	€ 0,39	0.30 mm	19 mm	3 mm	10
P023/00.35	€ 0,39	0.35 mm	19 mm	4 mm	10
P023/00.40	€ 0,39	0.40 mm	20 mm	5 mm	10
P023/00.45	€ 0,39	0.45 mm	20 mm	5 mm	10
P023/00.50	€ 0,39	0.50 mm	22 mm	6 mm	10
P023/00.55	€ 0,39	0.55 mm	24 mm	7 mm	10
P023/00.60	€ 0,39	0.60 mm	24 mm	7 mm	10
P023/00.65	€ 0,39	0.65 mm	26 mm	8 mm	10
P023/00.70	€ 0,39	0.70 mm	28 mm	9 mm	10
P023/00.75	€ 0,39	0.75 mm	28 mm	9 mm	10
P023/00.80	€ 0,39	0.80 mm	30 mm	10 mm	10
P023/00.85	€ 0,39	0.85 mm	30 mm	10 mm	10
P023/00.90	€ 0,39	0.90 mm	32 mm	11 mm	10
P023/00.95	€ 0,39	0.95 mm	32 mm	11 mm	10
P023/01.00	€ 0,89	1,00 mm	34 mm	12 mm	10
P023/01.10	€ 0,47	1.10 mm	36 mm	14 mm	10
P023/01.20	€ 0,47	1.20 mm	38 mm	16 mm	10
P023/01.25	€ 0,89	1.25 mm	38 mm	16 mm	10
P023/01.30	€ 0,47	1.30 mm	38 mm	16 mm	10
P023/01.40	€ 0,47	1.40 mm	40 mm	18 mm	10
P023/01.50	€ 0,81	1,50 mm	40 mm	18 mm	10
P023/01.60	€ 0,52	1.60 mm	43 mm	20 mm	10
P023/01.70	€ 0,52	1.70 mm	43 mm	20 mm	10
P023/01.75	€ 0,71	1.75 mm	46 mm	22 mm	10
P023/01.80	€ 0,52	1.80 mm	46 mm	22 mm	10
P023/01.90	€ 0,52	1.90 mm	46 mm	22 mm	10
P023/02.00	€ 0,71	2,00 mm	49 mm	24 mm	10
P023/02.10	€ 0,57	2.10 mm	49 mm	24 mm	10
P023/02.20	€ 0,57	2.20 mm	53 mm	27 mm	10
P023/02.25	€ 0,81	2.25 mm	53 mm	27 mm	10
P023/02.30	€ 0,57	2.30 mm	53 mm	27 mm	10
P023/02.40	€ 0,57	2.40 mm	57 mm	30 mm	10
P023/02.50	€ 0,71	2,50 mm	57 mm	30 mm	10
P023/02.60	€ 0,68	2.60 mm	57 mm	30 mm	10
P023/02.70	€ 0,68	2.70 mm	61 mm	33 mm	10
P023/02.75	€ 0,89	2.75 mm	61 mm	33 mm	10
P023/02.80	€ 0,68	2.80 mm	61 mm	33 mm	10
P023/02.90	€ 0,68	2.90 mm	61 mm	33 mm	10
P023/03.00	€ 0,81	3,00 mm	61 mm	33 mm	10
P023/03.10	€ 0,81	3.10 mm	65 mm	36 mm	10
P023/03.20	€ 0,81	3.20 mm	65 mm	36 mm	10
P023/03.25	€ 0,99	3.25 mm	65 mm	36 mm	10
P023/03.30	€ 0,89	3.30 mm	65 mm	36 mm	10
P023/03.40	€ 0,89	3.40 mm	70 mm	39 mm	10
P023/03.50	€ 0,89	3,50 mm	70 mm	39 mm	10
P023/03.60	€ 0,85	3.60 mm	70 mm	39 mm	10
P023/03.70	€ 0,85	3.70 mm	70 mm	39 mm	10
P023/03.75	€ 1,07	3.75 mm	70 mm	39 mm	10
P023/03.80	€ 0,85	3.80 mm	75 mm	43 mm	10
P023/03.90	€ 0,85	3.90 mm	75 mm	43 mm	10
P023/04.00	€ 0,99	4,00 mm	75 mm	43 mm	10
P023/04.10	€ 0,93	4.10 mm	75 mm	43 mm	10
P023/04.20	€ 0,93	4.20 mm	75 mm	43 mm	10
P023/04.25	€ 1,35	4.25 mm	75 mm	43 mm	10
P023/04.30	€ 0,99	4.30 mm	80 mm	47 mm	10
P023/04.40	€ 0,99	4.40 mm	80 mm	47 mm	10
P023/04.50	€ 1,17	4,50 mm	80 mm	47 mm	10
P023/04.60	€ 1,16	4.60 mm	80 mm	47 mm	10
P023/04.70	€ 1,16	4.70 mm	80 mm	47 mm	10
P023/04.75	€ 1,35	4.75 mm	80 mm	47 mm	10
P023/04.80	€ 1,16	4.80 mm	86 mm	52 mm	10
P023/04.90	€ 1,16	4.90 mm	86 mm	52 mm	10
P023/05.00	€ 1,25	5,00 mm	86 mm	52 mm	10
P023/05.10	€ 1,44	5.10 mm	86 mm	52 mm	10
P023/05.20	€ 1,44	5.20 mm	86 mm	52 mm	10
P023/05.25	€ 1,70	5.25 mm	86 mm	52 mm	10
P023/05.30	€ 1,44	5.30 mm	86 mm	52 mm	10
P023/05.40	€ 1,44	5.40 mm	93 mm	57 mm	10
P023/05.50	€ 1,60	5,50 mm	93 mm	57 mm	10
P023/05.60	€ 1,51	5.60 mm	93 mm	57 mm	10
P023/05.70	€ 1,51	5.70 mm	93 mm	57 mm	10
P023/05.75	€ 1,88	5.75 mm	93 mm	57 mm	10
P023/05.80	€ 1,51	5.80 mm	93 mm	57 mm	10
P023/05.90	€ 1,51	5.90 mm	93 mm	57 mm	10
P023/06.00	€ 1,70	6,00 mm	93 mm	57 mm	10
P023/06.10	€ 1,56	6.10 mm	101 mm	63 mm	10
P023/06.20	€ 1,56	6.20 mm	101 mm	63 mm	10
P023/06.25	€ 2,41	6.25 mm	101 mm	63 mm	10
P023/06.30	€ 1,56	6.30 mm	101 mm	63 mm	10
P023/06.40	€ 1,56	6.40 mm	101 mm	63 mm	10
P023/06.50	€ 2,14	6,50 mm	101 mm	63 mm	10
P023/06.60	€ 1,89	6.60 mm	101 mm	63 mm	10
P023/06.70	€ 1,89	6.70 mm	101 mm	63 mm	10
P023/06.75	€ 2,77	6.75 mm	109 mm	69 mm	10
P023/06.80	€ 1,89	6.80 mm	109 mm	69 mm	10
P023/06.90	€ 1,89	6.90 mm	109 mm	69 mm	10
P023/07.00	€ 2,59	7,00 mm	109 mm	69 mm	10
P023/07.10	€ 2,16	7.10 mm	109 mm	69 mm	10
P023/07.20	€ 2,16	7.20 mm	109 mm	69 mm	10
P023/07.25	€ 3,03	7.25 mm	109 mm	69 mm	10
P023/07.30	€ 2,16	7.30 mm	109 mm	69 mm	10
P023/07.40	€ 2,16	7.40 mm	109 mm	69 mm	10
P023/07.50	€ 2,67	7,50 mm	109 mm	69 mm	10
P023/07.60	€ 2,42	7.60 mm	117 mm	75 mm	10
P023/07.70	€ 2,42	7.70 mm	117 mm	75 mm	10
P023/07.75	€ 3,38	7.75 mm	117 mm	75 mm	10
P023/07.80	€ 2,42	7.80 mm	117 mm	75 mm	10
P023/07.90	€ 2,42	7.90 mm	117 mm	75 mm	10
P023/08.00	€ 3,20	8,00 mm	117 mm	75 mm	5
P023/08.10	€ 2,75	8.10 mm	117 mm	75 mm	5
P023/08.20	€ 2,75	8.20 mm	117 mm	75 mm	5
P023/08.25	€ 4,09	8.25 mm	117 mm	75 mm	5
P023/08.30	€ 2,75	8.30 mm	117 mm	75 mm	5
P023/08.40	€ 2,75	8.40 mm	117 mm	75 mm	5
P023/08.50	€ 4,02	8,50 mm	117 mm	75 mm	5
P023/08.60	€ 3,19	8.60 mm	125 mm	81 mm	5
P023/08.70	€ 3,19	8.70 mm	125 mm	81 mm	5
P023/08.75	€ 4,37	8.75 mm	125 mm	81 mm	5
P023/08.80	€ 3,19	8.80 mm	125 mm	81 mm	5
P023/08.90	€ 3,19	8.90 mm	125 mm	81 mm	5
P023/09.00	€ 4,19	9,00 mm	125 mm	81 mm	5
P023/09.10	€ 3,53	9.10 mm	125 mm	81 mm	5
P023/09.20	€ 3,53	9.20 mm	125 mm	81 mm	5
P023/09.25	€ 4,91	9.25 mm	125 mm	81 mm	5
P023/09.30	€ 3,53	9.30 mm	125 mm	81 mm	5
P023/09.40	€ 3,53	9.40 mm	125 mm	81 mm	5
P023/09.50	€ 4,45	9,50 mm	125 mm	81 mm	5
P023/09.60	€ 3,95	9.60 mm	133 mm	87 mm	5
P023/09.70	€ 3,95	9.70 mm	133 mm	87 mm	5
P023/09.75	€ 5,30	9.75 mm	133 mm	87 mm	5
P023/09.80	€ 3,95	9.80 mm	133 mm	87 mm	5
P023/09.90	€ 3,95	9.90 mm	133 mm	87 mm	5
P023/10.00	€ 4,81	10,00 mm	133 mm	87 mm	5
P023/10.25	€ 6,70	10.25 mm	133 mm	87 mm	5
P023/10.30	€ 4,94	10.30 mm	133 mm	87 mm	5
P023/10.40	€ 4,94	10.40 mm	133 mm	87 mm	5
P023/10.50	€ 5,90	10,50 mm	133 mm	87 mm	5
P023/10.75	€ 8,10	10.75 mm	142 mm	94 mm	5
P023/11.00	€ 7,00	11,00 mm	142 mm	94 mm	5
P023/11.25	€ 8,50	11.25 mm	142 mm	94 mm	5
P023/11.40	€ 6,20	11.40 mm	142 mm	94 mm	5
P023/11.50	€ 7,40	11,50 mm	142 mm	94 mm	5
P023/11.75	€ 9,30	11.75 mm	142 mm	94 mm	5
P023/12.00	€ 8,10	12,00 mm	151 mm	101 mm	5
P023/12.25	€ 10,10	12.25 mm	151 mm	101 mm	5
P023/12.30	€ 7,60	12.30 mm	151 mm	101 mm	5
P023/12.40	€ 7,60	12.40 mm	151 mm	101 mm	5
P023/12.50	€ 8,80	12,50 mm	151 mm	101 mm	5
P023/12.75	€ 11,40	12.75 mm	151 mm	101 mm	5
P023/13.00	€ 9,50	13,00 mm	151 mm	101 mm	5
P023/14.30	€ 15,30	14.30 mm	165 mm	115 mm	5
P023/14.40	€ 15,30	14.40 mm	165 mm	115 mm	5
P023/16.40	€ 19,80	16.40 mm	170 mm	115 mm	5

P023/19 € 36,20

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, Right hand, rectified



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P023/25 € 73,40

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, Right hand, rectified



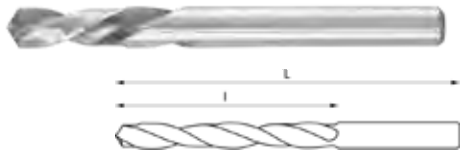
25 Pcs

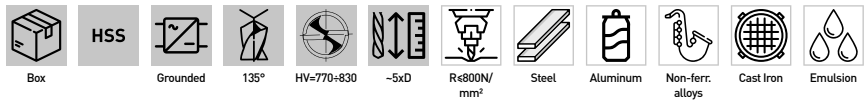
Size (step 0,5 mm)	1 ÷ 13 mm

P023-XC

DRILL BIT CYLINDRICAL SHORT SERIES

DIN 1897/N, Right hand, rectified





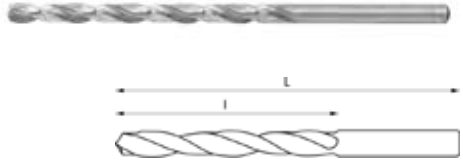
Art.	€	ø	L	l	Pack
P023/03.00C	€ 0,89	3,00 mm	46 mm	16 mm	10
P023/03.25C	€ 0,99	3,25 mm	49 mm	18 mm	10
P023/03.50C	€ 0,99	3,50 mm	52 mm	20 mm	10
P023/03.75C	€ 1,07	3,75 mm	52 mm	20 mm	10
P023/04.00C	€ 1,07	4,00 mm	55 mm	22 mm	10

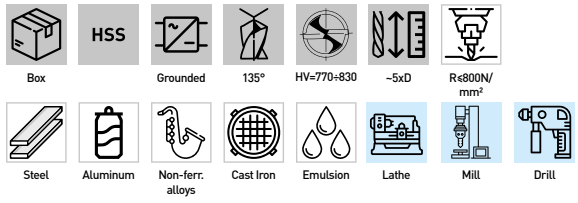
Art.	€	ø	L	l	Pack
P023/04.25C	€ 1,42	4,25 mm	55 mm	22 mm	10
P023/04.50C	€ 1,25	4,50 mm	58 mm	24 mm	10
P023/05.00C	€ 1,35	5,00 mm	62 mm	26 mm	10
P023/05.50C	€ 1,78	5,50 mm	66 mm	28 mm	10
P023/06.00C	€ 1,88	6,00 mm	66 mm	28 mm	10

P023-XL

LONG TYPE STRAIGHT SHANK TWIST DRILL

DIN 340, Right hand, rectified





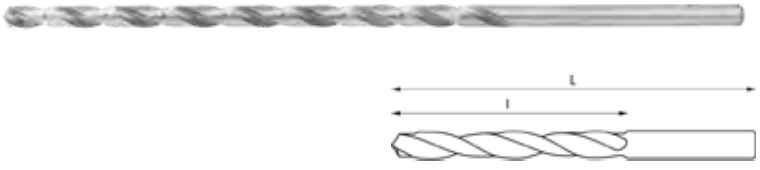
Art.	€	ø	L	l	Pack
P023/01.00L	€ 0,99	1,00 mm	56 mm	33 mm	10
P023/01.25L	€ 0,99	1,25 mm	65 mm	40 mm	10
P023/01.50L	€ 0,99	1,50 mm	70 mm	45 mm	10
P023/01.75L	€ 0,99	1,75 mm	80 mm	53 mm	10
P023/02.00L	€ 0,89	2,00 mm	85 mm	56 mm	10
P023/02.25L	€ 0,99	2,25 mm	90 mm	59 mm	10
P023/02.50L	€ 0,89	2,50 mm	95 mm	62 mm	10
P023/02.75L	€ 1,07	2,75 mm	100 mm	66 mm	10
P023/03.00L	€ 0,99	3,00 mm	100 mm	66 mm	10
P023/03.25L	€ 1,07	3,25 mm	106 mm	69 mm	10
P023/03.50L	€ 1,07	3,50 mm	112 mm	73 mm	10
P023/03.75L	€ 1,25	3,75 mm	112 mm	73 mm	10
P023/04.00L	€ 1,17	4,00 mm	119 mm	78 mm	10
P023/04.25L	€ 1,35	4,25 mm	119 mm	78 mm	10
P023/04.50L	€ 1,35	4,50 mm	126 mm	82 mm	10
P023/04.75L	€ 1,60	4,75 mm	126 mm	82 mm	10
P023/05.00L	€ 1,60	5,00 mm	132 mm	87 mm	10
P023/05.25L	€ 1,96	5,25 mm	132 mm	87 mm	10
P023/05.50L	€ 1,96	5,50 mm	139 mm	91 mm	10
P023/05.75L	€ 2,14	5,75 mm	139 mm	91 mm	10
P023/06.00L	€ 2,14	6,00 mm	139 mm	91 mm	10
P023/06.25L	€ 2,67	6,25 mm	148 mm	97 mm	10

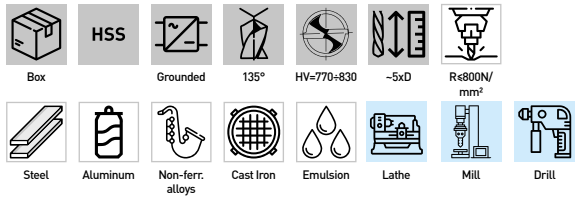
Art.	€	ø	L	l	Pack
P023/06.50L	€ 2,67	6,50 mm	148 mm	97 mm	10
P023/06.75L	€ 2,77	6,75 mm	148 mm	97 mm	10
P023/07.00L	€ 2,77	7,00 mm	156 mm	102 mm	10
P023/07.25L	€ 3,20	102 mm	156 mm	7,50 mm	10
P023/07.50L	€ 3,20	7,25 mm	156 mm	102 mm	10
P023/07.75L	€ 3,84	7,75 mm	165 mm	109 mm	10
P023/08.00L	€ 3,66	8,00 mm	165 mm	109 mm	5
P023/08.25L	€ 5,20	8,25 mm	165 mm	109 mm	5
P023/08.50L	€ 5,20	8,50 mm	165 mm	109 mm	5
P023/08.75L	€ 5,30	8,75 mm	175 mm	115 mm	5
P023/09.00L	€ 5,30	9,00 mm	175 mm	115 mm	5
P023/09.25L	€ 6,10	9,25 mm	175 mm	115 mm	5
P023/09.50L	€ 6,10	9,50 mm	175 mm	115 mm	5
P023/09.75L	€ 6,10	9,75 mm	184 mm	121 mm	5
P023/10.00L	€ 6,10	10,00 mm	184 mm	121 mm	5
P023/10.25L	€ 8,40	10,25 mm	184 mm	121 mm	5
P023/10.50L	€ 8,40	10,50 mm	184 mm	121 mm	5
P023/11.00L	€ 9,90	11,00 mm	195 mm	128 mm	5
P023/11.50L	€ 10,70	11,50 mm	195 mm	128 mm	5
P023/12.00L	€ 12,50	12,00 mm	205 mm	134 mm	5
P023/12.50L	€ 13,80	12,50 mm	205 mm	134 mm	5
P023/13.00L	€ 14,50	13,00 mm	205 mm	134 mm	5

P023-XL1

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-1 Right hand, rectified





Art.	€	ø	L	l
P023/02.00L1	€ 1,60	02,00 mm	125 mm	85 mm
P023/02.50L1	€ 1,78	02,50 mm	140 mm	95 mm
P023/03.00L1	€ 2,24	03,00 mm	150 mm	100 mm
P023/03.50L1	€ 2,67	03,50 mm	165 mm	115 mm
P023/04.00L1	€ 3,56	04,00 mm	175 mm	120 mm
P023/04.50L1	€ 4,45	04,50 mm	185 mm	125 mm
P023/05.00L1	€ 5,30	05,00 mm	195 mm	135 mm
P023/05.50L1	€ 6,30	05,50 mm	205 mm	140 mm
P023/06.00L1	€ 8,10	06,00 mm	205 mm	140 mm
P023/06.50L1	€ 8,90	06,50 mm	215 mm	150 mm
P023/07.00L1	€ 10,70	07,00 mm	225 mm	155 mm
P023/07.50L1	€ 11,60	07,50 mm	225 mm	155 mm

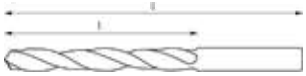
Art.	€	ø	L	l
P023/08.00L1	€ 14,30	08,00 mm	240 mm	165 mm
P023/08.50L1	€ 16,00	08,50 mm	240 mm	165 mm
P023/09.00L1	€ 17,80	09,00 mm	250 mm	175 mm
P023/09.50L1	€ 19,60	09,50 mm	250 mm	175 mm
P023/10.00L1	€ 22,30	10,00 mm	265 mm	185 mm
P023/10.50L1	€ 24,10	10,50 mm	265 mm	185 mm
P023/11.00L1	€ 26,70	11,00 mm	280 mm	195 mm
P023/11.50L1	€ 29,50	11,50 mm	280 mm	195 mm
P023/12.00L1	€ 31,20	12,00 mm	295 mm	205 mm
P023/12.50L1	€ 33,00	12,50 mm	295 mm	205 mm
P023/13.00L1	€ 34,80	13,00 mm	295 mm	205 mm

P023-XL2

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-2 Right hand, rectified







Box | Grounded | 135° | HV=770÷830 | ~20xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

Art.	€	ø	L	l
P023/02.00L2	€ 2,24	02,00 mm	160 mm	110 mm
P023/02.50L2	€ 2,67	02,50 mm	180 mm	120 mm
P023/03.00L2	€ 3,20	03,00 mm	190 mm	130 mm
P023/03.50L2	€ 3,56	03,50 mm	210 mm	145 mm
P023/04.00L2	€ 5,30	04,00 mm	220 mm	150 mm
P023/04.50L2	€ 6,30	04,50 mm	235 mm	160 mm
P023/05.00L2	€ 8,10	05,00 mm	245 mm	170 mm
P023/05.50L2	€ 8,90	05,50 mm	260 mm	180 mm
P023/06.00L2	€ 10,70	06,00 mm	260 mm	180 mm
P023/06.50L2	€ 12,50	06,50 mm	275 mm	190 mm
P023/07.00L2	€ 15,20	07,00 mm	290 mm	200 mm
P023/07.50L2	€ 16,00	07,50 mm	290 mm	200 mm
P023/08.00L2	€ 19,60	08,00 mm	305 mm	210 mm
P023/08.50L2	€ 21,40	08,50 mm	305 mm	210 mm
P023/09.00L2	€ 24,10	09,00 mm	320 mm	220 mm
P023/09.50L2	€ 24,90	09,50 mm	320 mm	220 mm
P023/10.00L2	€ 30,30	10,00 mm	340 mm	235 mm
P023/10.50L2	€ 32,10	10,50 mm	340 mm	235 mm
P023/11.00L2	€ 37,40	11,00 mm	365 mm	250 mm
P023/11.50L2	€ 40,10	11,50 mm	365 mm	250 mm
P023/12.00L2	€ 41,90	12,00 mm	375 mm	260 mm
P023/12.50L2	€ 44,50	12,50 mm	375 mm	260 mm
P023/13.00L2	€ 49,00	13,00 mm	375 mm	260 mm

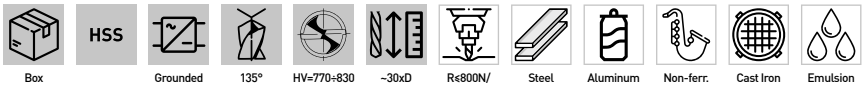
P023-XL3

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-3 right hand, rectified







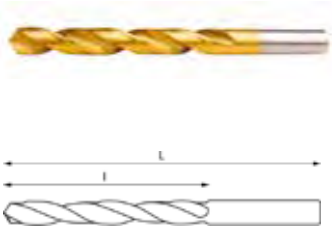
Box | Grounded | 135° | HV=770÷830 | ~30xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

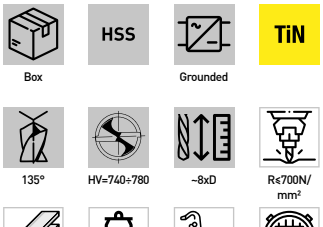
Art.	€	ø	L	l
P023/02.00L3	€ 2,67	02,00 mm	200 mm	135 mm
P023/02.50L3	€ 3,13	02,50 mm	225 mm	150 mm
P023/03.00L3	€ 3,56	03,00 mm	240 mm	160 mm
P023/03.50L3	€ 5,30	03,50 mm	265 mm	180 mm
P023/04.00L3	€ 6,30	04,00 mm	280 mm	190 mm
P023/04.50L3	€ 8,10	04,50 mm	295 mm	200 mm
P023/05.00L3	€ 9,90	05,00 mm	315 mm	210 mm
P023/05.50L3	€ 11,60	05,50 mm	330 mm	225 mm
P023/06.00L3	€ 13,40	06,00 mm	330 mm	225 mm
P023/06.50L3	€ 16,00	06,50 mm	350 mm	235 mm
P023/07.00L3	€ 19,60	07,00 mm	370 mm	250 mm
P023/07.50L3	€ 21,40	07,50 mm	370 mm	250 mm
P023/08.00L3	€ 24,90	08,00 mm	390 mm	265 mm
P023/08.50L3	€ 27,70	08,50 mm	390 mm	265 mm
P023/09.00L3	€ 32,10	09,00 mm	410 mm	280 mm
P023/09.50L3	€ 33,00	09,50 mm	410 mm	280 mm
P023/10.00L3	€ 38,40	10,00 mm	430 mm	295 mm
P023/10.50L3	€ 41,00	10,50 mm	430 mm	295 mm
P023/11.00L3	€ 44,50	11,00 mm	455 mm	310 mm
P023/11.50L3	€ 47,30	11,50 mm	455 mm	310 mm
P023/12.00L3	€ 53,40	12,00 mm	480 mm	330 mm
P023/12.50L3	€ 57,90	12,50 mm	480 mm	330 mm
P023/13.00L3	€ 61,50	13,00 mm	480 mm	330 mm

P058-

STRAIGHT SHANK TWIST DRILL

DIN 338/N, Right hand, Long durability thanks to the titanium coating





Art.	€	ø	L	l	Pack
P058/01.00	€ 0,72	1 mm	34 mm	12 mm	10
P058/01.25	€ 0,72	1,25 mm	38 mm	16 mm	10
P058/01.50	€ 0,72	1,50 mm	40 mm	18 mm	10
P058/01.75	€ 0,72	1,75 mm	46 mm	22 mm	10
P058/02.00	€ 0,82	2 mm	49 mm	24 mm	10
P058/02.25	€ 0,90	2,25 mm	53 mm	27 mm	10
P058/02.50	€ 0,90	2,50 mm	57 mm	30 mm	10
P058/02.75	€ 0,90	2,75 mm	61 mm	33 mm	10
P058/03.00	€ 0,90	3 mm	61 mm	33 mm	10
P058/03.25	€ 1,09	3,25 mm	65 mm	36 mm	10
P058/03.50	€ 1,09	3,50 mm	70 mm	39 mm	10
P058/03.75	€ 1,09	3,75 mm	70 mm	39 mm	10
P058/04.00	€ 1,09	4 mm	75 mm	43 mm	10
P058/04.25	€ 1,46	4,25 mm	75 mm	43 mm	10
P058/04.50	€ 1,46	4,50 mm	80 mm	47 mm	10
P058/04.75	€ 1,46	4,75 mm	80 mm	47 mm	10
P058/05.00	€ 1,46	5 mm	86 mm	52 mm	10
P058/05.25	€ 1,80	5,25 mm	86 mm	52 mm	10
P058/05.50	€ 1,80	5,50 mm	93 mm	57 mm	10
P058/05.75	€ 1,80	5,75 mm	93 mm	57 mm	10
P058/06.00	€ 1,80	6 mm	93 mm	57 mm	10
P058/06.25	€ 1,99	6,25 mm	101 mm	63 mm	10
P058/06.50	€ 1,99	6,50 mm	101 mm	63 mm	10
P058/06.75	€ 1,99	6,75 mm	109 mm	69 mm	10
P058/07.00	€ 1,99	7 mm	109 mm	69 mm	10
P058/07.25	€ 3,07	7,25 mm	109 mm	69 mm	10
P058/07.50	€ 3,07	7,50 mm	109 mm	69 mm	10
P058/07.75	€ 3,07	7,75 mm	117 mm	75 mm	10
P058/08.00	€ 3,07	8 mm	117 mm	75 mm	10
P058/08.25	€ 4,19	8,25 mm	117 mm	75 mm	5
P058/08.50	€ 4,19	8,50 mm	117 mm	75 mm	5
P058/08.75	€ 4,19	8,75 mm	125 mm	81 mm	5
P058/09.00	€ 4,19	9 mm	125 mm	81 mm	5
P058/09.25	€ 4,83	9,25 mm	125 mm	81 mm	5
P058/09.50	€ 4,83	9,50 mm	125 mm	81 mm	5
P058/09.75	€ 4,83	9,75 mm	133 mm	87 mm	5
P058/10.00	€ 4,83	10 mm	133 mm	87 mm	5
P058/10.25	€ 5,50	10,25 mm	133 mm	87 mm	5
P058/10.50	€ 5,50	10,50 mm	133 mm	87 mm	5
P058/10.75	€ 5,50	10,75 mm	142 mm	94 mm	5
P058/11.00	€ 5,50	11 mm	142 mm	94 mm	5
P058/11.25	€ 6,40	11,25 mm	142 mm	94 mm	5
P058/11.50	€ 6,40	11,50 mm	142 mm	94 mm	5
P058/11.75	€ 6,40	11,75 mm	142 mm	94 mm	5
P058/12.00	€ 6,40	12 mm	151 mm	101 mm	5
P058/12.25	€ 8,00	12,25 mm	151 mm	101 mm	5
P058/12.50	€ 8,00	12,50 mm	151 mm	101 mm	5
P058/12.75	€ 8,00	12,75 mm	151 mm	101 mm	5
P058/13.00	€ 8,00	13 mm	151 mm	101 mm	5

P058/170 € 177,00

TWIST DRILL SET

DIN 338/N, right hand, long durability thanks to the titanium coating.



170 Pcs

150 (10x) Pcs (step 0,5 mm)	Ø 1 ÷ 8 mm
20 (5x) Pcs (step 0,5 mm)	Ø 8,5 ÷ 10 mm

P010/51 € 61,00

SERIES OF CYLINDRICAL TIPS TO THE TENTH

DIN 338/N, right hand, long durability thanks to the titanium coating.



51 Pcs

Size (step 0,1 mm)	1 ÷ 6 mm

P010/41 € 142,00

SERIES OF CYLINDRICAL TIPS TO THE TENTH

DIN 338/N, right hand, long durability thanks to the titanium coating.



41 Pcs

Size (step 0,1 mm)	6 ÷ 10 mm

P062 € 67,20

TWIST DRILL SET

DIN 338/N, Right hand, Long durability thanks to the titanium coating



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P061 € 37,60

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, right hand, long durability thanks to the titanium coating.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P068 € 7,50

TWIST DRILL SET

DIN 338/N, Right hand, Long durability thanks to the titanium coating



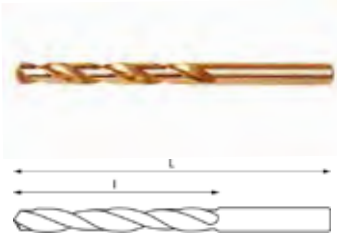
20 Pcs

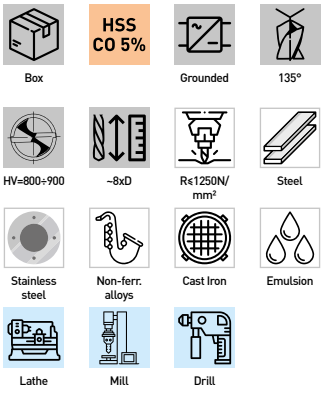
Sizes x 1 Pc	0.25 - 0.30 - 0.35 - 0.40 - 0.45 - 0.55 - 0.65 - 0.70 - 0.75 - 0.85 - 0.90 - 0.95 mm
Sizes x Pcs	0.50 - 0.60 - 0.80 - 1.00 mm

P065-

COBALT CYLINDRICAL TWIST DRILL

DIN 338/N, self-centering, right, with great thermal resistance





Art.	€	ø	Total length	Flute length	Pack
P065/01.00	€ 1,02	1 mm	34 mm	12 mm	10
P065/01.25	€ 1,23	1,25 mm	38 mm	16 mm	10
P065/01.50	€ 1,23	1,50 mm	40 mm	18 mm	10
P065/01.75	€ 1,23	1,75 mm	46 mm	22 mm	10
P065/02.00	€ 1,23	2 mm	49 mm	24 mm	10
P065/02.25	€ 1,42	2,25 mm	53 mm	27 mm	10
P065/02.50	€ 1,42	2,50 mm	57 mm	30 mm	10
P065/02.75	€ 1,42	2.75 mm	61 mm	33 mm	10
P065/03.00	€ 1,42	3 mm	61 mm	33 mm	10
P065/03.25	€ 1,95	3,25 mm	69 mm	39 mm	10
P065/03.50	€ 1,95	3,50 mm	70 mm	39 mm	10
P065/03.75	€ 1,95	3,75 mm	70 mm	39 mm	10
P065/04.00	€ 1,95	4 mm	75 mm	43 mm	10
P065/04.25	€ 2,75	4,25 mm	75 mm	43 mm	10
P065/04.50	€ 2,75	4,50 mm	80 mm	47 mm	10
P065/04.75	€ 2,75	4,75 mm	80 mm	47 mm	10
P065/05.00	€ 2,75	5 mm	86 mm	52 mm	10
P065/05.25	€ 3,46	5,25 mm	86 mm	52 mm	10
P065/05.50	€ 3,46	5,50 mm	93 mm	57 mm	10
P065/05.75	€ 3,46	5,75 mm	93 mm	57 mm	10
P065/06.00	€ 3,46	6 mm	93 mm	57 mm	10
P065/06.25	€ 4,27	6,25 mm	101 mm	63 mm	10
P065/06.50	€ 4,27	6,50 mm	101 mm	63 mm	10
P065/06.75	€ 4,27	6,75 mm	109 mm	69 mm	10
P065/07.00	€ 4,27	7 mm	109 mm	69 mm	10
P065/07.25	€ 7,40	7,25 mm	109 mm	69 mm	10
P065/07.50	€ 7,40	7,50 mm	109 mm	69 mm	10
P065/07.75	€ 7,40	7,75 mm	117 mm	75 mm	10
P065/08.00	€ 7,40	8 mm	117 mm	75 mm	5
P065/08.25	€ 9,10	8,25 mm	117 mm	75 mm	5
P065/08.50	€ 9,10	8,50 mm	117 mm	75 mm	5
P065/08.75	€ 9,10	8,75 mm	125 mm	81 mm	5
P065/09.00	€ 9,10	9 mm	125 mm	81 mm	5
P065/09.25	€ 11,50	9,25 mm	125 mm	81 mm	5
P065/09.50	€ 11,50	9,50 mm	125 mm	81 mm	5
P065/09.75	€ 11,50	9,75 mm	133 mm	87 mm	5
P065/10.00	€ 11,50	10 mm	133 mm	87 mm	5
P065/10.25	€ 13,80	10,25 mm	133 mm	87 mm	5
P065/10.50	€ 13,80	10,50 mm	133 mm	87 mm	5
P065/10.75	€ 13,80	10,75 mm	142 mm	94 mm	5
P065/11.00	€ 13,80	11 mm	142 mm	94 mm	5
P065/11.25	€ 16,50	11,25 mm	142 mm	94 mm	5
P065/11.50	€ 16,50	11.50 mm	142 mm	94 mm	5
P065/11.75	€ 16,50	11.75 mm	142 mm	94 mm	5
P065/12.00	€ 16,50	12 mm	151 mm	101 mm	5
P065/12.25	€ 20,00	12,25 mm	151 mm	101 mm	5
P065/12.50	€ 20,00	12,50 mm	151 mm	101 mm	5
P065/12.75	€ 20,00	12,75 mm	151 mm	101 mm	5
P065/13.00	€ 20,00	13 mm	151 mm	101 mm	5

P067 € 67,20

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P069 € 132,00

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

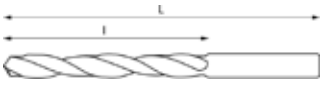


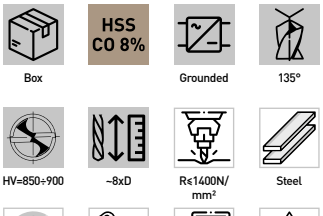
P064-

FULLY GROUND FROM THE SOLID TWIST DRILL

DIN 338/N, self-centering, right, with great thermal resistance







Art.	€	ø	L	l	Pack
P064/01.00	€ 1,42	01.00 mm	34 mm	12 mm	10
P064/01.25	€ 1,42	01.25 mm	38 mm	16 mm	10
P064/01.50	€ 1,42	01.50 mm	40 mm	18 mm	10
P064/01.75	€ 1,42	01.75 mm	46 mm	22 mm	10
P064/02.00	€ 1,42	02.00 mm	49 mm	24 mm	10
P064/02.25	€ 1,65	02.25 mm	53 mm	27 mm	10
P064/02.50	€ 1,65	02.50 mm	57 mm	30 mm	10
P064/02.75	€ 1,65	02.75 mm	61 mm	33 mm	10
P064/03.00	€ 1,65	03.00 mm	61 mm	33 mm	10
P064/03.25	€ 2,26	03.25 mm	69 mm	39 mm	10
P064/03.50	€ 2,26	03.50 mm	70 mm	39 mm	10
P064/03.75	€ 2,26	03.75 mm	70 mm	39 mm	10
P064/04.00	€ 2,26	04.00 mm	75 mm	43 mm	10
P064/04.25	€ 3,18	04.25 mm	75 mm	43 mm	10
P064/04.50	€ 3,18	04.50 mm	80 mm	47 mm	10
P064/04.75	€ 3,18	04.75 mm	80 mm	47 mm	10
P064/05.00	€ 3,18	05.00 mm	86 mm	52 mm	10
P064/05.25	€ 4,02	05.25 mm	86 mm	52 mm	10
P064/05.50	€ 4,02	05.50 mm	93 mm	57 mm	10
P064/05.75	€ 4,02	05.75 mm	93 mm	57 mm	10
P064/06.00	€ 4,02	06.00 mm	93 mm	57 mm	10
P064/06.25	€ 4,89	06.25 mm	101 mm	63 mm	10
P064/06.50	€ 4,89	06.50 mm	101 mm	63 mm	10
P064/06.75	€ 4,89	06.75 mm	109 mm	69 mm	10
P064/07.00	€ 4,89	07.00 mm	109 mm	69 mm	10
P064/07.25	€ 8,50	07.25 mm	109 mm	69 mm	10
P064/07.50	€ 8,50	07.50 mm	109 mm	69 mm	10
P064/07.75	€ 8,50	07.75 mm	117 mm	75 mm	10
P064/08.00	€ 8,50	08.00 mm	117 mm	75 mm	5
P064/08.25	€ 10,60	08.25 mm	117 mm	75 mm	5
P064/08.50	€ 10,60	08.50 mm	117 mm	75 mm	5
P064/08.75	€ 10,60	08.75 mm	125 mm	81 mm	5
P064/09.00	€ 10,60	09.00 mm	125 mm	81 mm	5
P064/09.25	€ 13,30	09.25 mm	125 mm	81 mm	5
P064/09.50	€ 13,30	09.50 mm	125 mm	81 mm	5
P064/09.75	€ 13,30	09.75 mm	133 mm	87 mm	5
P064/10.00	€ 13,30	10.00 mm	133 mm	87 mm	5
P064/10.25	€ 16,00	10.25 mm	133 mm	87 mm	5
P064/10.50	€ 16,00	10.50 mm	133 mm	87 mm	5
P064/10.75	€ 16,00	10.75 mm	142 mm	94 mm	5
P064/11.00	€ 16,00	11.00 mm	142 mm	94 mm	5
P064/11.25	€ 19,10	11.25 mm	142 mm	94 mm	5
P064/11.50	€ 19,10	11.50 mm	142 mm	94 mm	5
P064/11.75	€ 19,10	11.75 mm	142 mm	94 mm	5
P064/12.00	€ 19,10	12.00 mm	151 mm	101 mm	5
P064/12.25	€ 23,20	12.25 mm	151 mm	101 mm	5
P064/12.50	€ 23,20	12.50 mm	151 mm	101 mm	5
P064/12.75	€ 23,20	12.75 mm	151 mm	101 mm	5
P064/13.00	€ 23,20	13.00 mm	151 mm	101 mm	5

P064/19A € 81,30

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P064/25A € 173,00

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

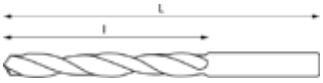


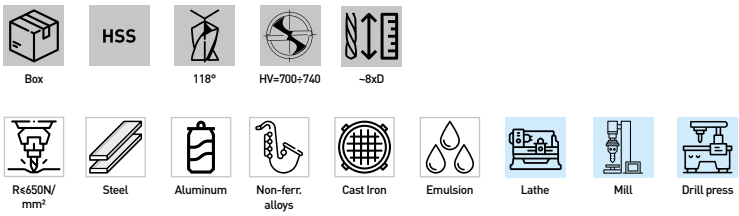
ST2AX

TWIST DRILL WITH CONICAL SHANK

DIN 345/N, right hand







Art.	€	ø	MT	L	l
ST2A05.75	€ 8,40	5,75 mm	1	138 mm	57 mm
ST2A06	€ 8,40	6,00 mm	1	138 mm	57 mm
ST2A06.25	€ 8,40	6,25 mm	1	144 mm	63 mm
ST2A06.50	€ 8,40	6,50 mm	1	144 mm	63 mm
ST2A06.75	€ 8,40	6,75 mm	1	150 mm	69 mm
ST2A07	€ 8,40	7,00 mm	1	150 mm	69 mm
ST2A07.25	€ 8,40	7,25 mm	1	150 mm	69 mm
ST2A07.50	€ 8,40	7,50 mm	1	150 mm	69 mm
ST2A07.75	€ 8,40	7,75 mm	1	156 mm	75 mm
ST2A08	€ 8,40	8,00 mm	1	156 mm	75 mm
ST2A08.25	€ 8,40	8,25 mm	1	156 mm	75 mm
ST2A08.50	€ 8,40	8,50 mm	1	156 mm	75 mm
ST2A08.75	€ 8,40	8,75 mm	1	156 mm	75 mm
ST2A09	€ 8,40	9,00 mm	1	162 mm	81 mm
ST2A09.25	€ 8,40	9,25 mm	1	162 mm	81 mm
ST2A09.50	€ 8,40	9,50 mm	1	162 mm	81 mm
ST2A09.75	€ 8,40	9,75 mm	1	162 mm	81 mm
ST2A10	€ 8,40	10,00 mm	1	168 mm	81 mm
ST2A10.25	€ 9,70	10,25 mm	1	168 mm	87 mm
ST2A10.50	€ 9,70	10,50 mm	1	168 mm	87 mm
ST2A10.75	€ 9,70	10,75 mm	1	175 mm	87 mm
ST2A11	€ 9,70	11,00 mm	1	175 mm	94 mm
ST2A11.25	€ 9,70	11,25 mm	1	175 mm	94 mm
ST2A11.50	€ 9,70	11,50 mm	1	175 mm	94 mm
ST2A11.75	€ 9,70	11,75 mm	1	175 mm	94 mm
ST2A12	€ 9,70	12,00 mm	1	182 mm	94 mm
ST2A12.25	€ 11,10	12,25 mm	1	182 mm	101 mm
ST2A12.50	€ 11,10	12,50 mm	1	182 mm	101 mm
ST2A12.75	€ 11,10	12,75 mm	1	182 mm	101 mm
ST2A13	€ 11,10	13,00 mm	1	182 mm	101 mm
ST2A13.25	€ 11,10	13,25 mm	1	182 mm	101 mm
ST2A13.50	€ 11,10	13,50 mm	1	189 mm	108 mm
ST2A13.75	€ 11,10	13,75 mm	1	189 mm	108 mm
ST2A14	€ 11,10	14,00 mm	1	189 mm	108 mm
ST2A14.25	€ 11,10	14,25 mm	2	212 mm	114 mm
ST2A14.50	€ 11,10	14,50 mm	2	212 mm	114 mm
ST2A14.75	€ 11,10	14,75 mm	2	212 mm	114 mm
ST2A15	€ 11,10	15,00 mm	2	212 mm	114 mm
ST2A15.25	€ 16,50	15,25 mm	2	218 mm	120 mm
ST2A15.50	€ 16,50	15,50 mm	2	218 mm	120 mm
ST2A15.75	€ 16,50	15,75 mm	2	218 mm	120 mm
ST2A16	€ 16,50	16,00 mm	2	218 mm	120 mm
ST2A16.25	€ 16,50	16,25 mm	2	223 mm	125 mm
ST2A16.50	€ 16,50	16,50 mm	2	223 mm	125 mm
ST2A16.75	€ 16,50	16,75 mm	2	223 mm	125 mm
ST2A17	€ 16,50	17,00 mm	2	223 mm	125 mm
ST2A17.25	€ 16,50	17,25 mm	2	228 mm	130 mm
ST2A17.50	€ 16,50	17,50 mm	2	228 mm	130 mm
ST2A17.75	€ 16,50	17,75 mm	2	228 mm	130 mm
ST2A18	€ 20,20	18,00 mm	2	228 mm	130 mm
ST2A18.25	€ 20,20	18,25 mm	2	233 mm	135 mm
ST2A18.50	€ 20,20	18,50 mm	2	233 mm	135 mm
ST2A18.75	€ 20,20	18,75 mm	2	233 mm	135 mm
ST2A19	€ 20,20	19,00 mm	2	233 mm	135 mm
ST2A19.25	€ 21,40	19,25 mm	2	238 mm	140 mm
ST2A19.50	€ 21,40	19,50 mm	2	238 mm	130 mm
ST2A19.75	€ 21,40	19,75 mm	2	238 mm	140 mm
ST2A20	€ 21,40	20,00 mm	2	238 mm	140 mm
ST2A20.25	€ 21,40	20,25 mm	2	243 mm	145 mm
ST2A20.50	€ 24,80	20,50 mm	2	243 mm	145 mm
ST2A20.75	€ 24,80	20,75 mm	2	243 mm	145 mm
ST2A21	€ 24,80	21,00 mm	2	243 mm	145 mm
ST2A21.25	€ 27,30	21,25 mm	2	248 mm	150 mm
ST2A21.50	€ 27,30	21,50 mm	2	248 mm	150 mm
ST2A21.75	€ 27,30	21,75 mm	2	248 mm	150 mm
ST2A22	€ 27,30	22,00 mm	2	248 mm	150 mm
ST2A22.25	€ 28,70	22,25 mm	2	248 mm	150 mm

Art.	€	ø	MT	L	l
ST2A22.50	€ 28,70	22,50 mm	2	253 mm	155 mm
ST2A22.75	€ 28,70	22,75 mm	2	253 mm	155 mm
ST2A23	€ 28,70	23,00 mm	2	253 mm	155 mm
ST2A23.25	€ 28,70	23,25 mm	3	276 mm	155 mm
ST2A23.50	€ 31,70	23,50 mm	3	276 mm	155 mm
ST2A23.75	€ 31,70	23,75 mm	3	281 mm	160 mm
ST2A24	€ 31,70	24,00 mm	3	281 mm	160 mm
ST2A24.25	€ 35,10	24,25 mm	3	281 mm	160 mm
ST2A24.50	€ 35,10	24,50 mm	3	281 mm	160 mm
ST2A24.75	€ 35,10	24,75 mm	3	281 mm	160 mm
ST2A25	€ 35,10	25,00 mm	3	281 mm	160 mm
ST2A25.25	€ 37,60	25,25 mm	3	281 mm	160 mm
ST2A25.50	€ 37,60	25,50 mm	3	281 mm	160 mm
ST2A25.75	€ 37,60	25,75 mm	3	281 mm	160 mm
ST2A26	€ 37,60	26,00 mm	3	286 mm	165 mm
ST2A26.25	€ 44,50	26,25 mm	3	286 mm	165 mm
ST2A26.50	€ 44,50	26,50 mm	3	286 mm	165 mm
ST2A26.75	€ 44,50	26,75 mm	3	291 mm	170 mm
ST2A27	€ 44,50	27,00 mm	3	291 mm	170 mm
ST2A27.25	€ 44,50	27,25 mm	3	291 mm	170 mm
ST2A27.50	€ 44,50	27,50 mm	3	291 mm	170 mm
ST2A27.75	€ 44,50	27,75 mm	3	291 mm	170 mm
ST2A28	€ 44,50	28,00 mm	3	291 mm	170 mm
ST2A28.25	€ 50,00	28,25 mm	3	296 mm	175 mm
ST2A28.50	€ 50,00	28,50 mm	3	296 mm	175 mm
ST2A28.75	€ 50,00	28,75 mm	3	296 mm	175 mm
ST2A29	€ 50,00	29,00 mm	3	296 mm	175 mm
ST2A29.25	€ 50,00	29,25 mm	3	296 mm	175 mm
ST2A29.50	€ 50,00	29,50 mm	3	296 mm	175 mm
ST2A29.75	€ 50,00	29,75 mm	3	296 mm	175 mm
ST2A30	€ 50,00	30,00 mm	3	296 mm	175 mm
ST2A30.25	€ 50,90	30,25 mm	3	301 mm	180 mm
ST2A30.50	€ 50,90	30,50 mm	3	301 mm	180 mm
ST2A30.75	€ 50,90	30,75 mm	3	301 mm	180 mm
ST2A31	€ 50,90	31,00 mm	3	301 mm	180 mm
ST2A31.25	€ 53,00	31,25 mm	3	301 mm	180 mm
ST2A31.50	€ 53,00	31,50 mm	3	301 mm	180 mm
ST2A31.75	€ 53,00	31,75 mm	4	306 mm	185 mm
ST2A32	€ 53,00	32,00 mm	4	334 mm	185 mm
ST2A32.50	€ 69,60	32,50 mm	4	334 mm	185 mm
ST2A33	€ 69,60	33,00 mm	4	334 mm	185 mm
ST2A33.50	€ 69,60	33,50 mm	4	334 mm	185 mm
ST2A34	€ 69,60	34,00 mm	4	339 mm	190 mm
ST2A34.50	€ 69,60	34,50 mm	4	339 mm	190 mm
ST2A35	€ 69,60	35,00 mm	4	339 mm	190 mm
ST2A35.50	€ 81,30	35,50 mm	4	339 mm	190 mm
ST2A36	€ 81,30	36,00 mm	4	344 mm	195 mm
ST2A36.50	€ 81,30	36,50 mm	4	344 mm	195 mm
ST2A37	€ 81,30	37,00 mm	4	344 mm	195 mm
ST2A37.50	€ 81,30	37,50 mm	4	344 mm	195 mm
ST2A38	€ 81,30	38,00 mm	4	349 mm	200 mm
ST2A38.50	€ 93,60	38,50 mm	4	349 mm	200 mm
ST2A39	€ 93,60	39,00 mm	4	349 mm	200 mm
ST2A39.50	€ 93,60	39,50 mm	4	349 mm	200 mm
ST2A40	€ 93,60	40,00 mm	4	349 mm	200 mm
ST2A40.50	€ 105,00	40,50 mm	4	354 mm	205 mm
ST2A41	€ 105,00	41,00 mm	4	354 mm	205 mm
ST2A41.50	€ 105,00	41,50 mm	4	354 mm	205 mm
ST2A42	€ 105,00	42,00 mm	4	354 mm	205 mm
ST2A42.50	€ 116,00	42,50 mm	4	354 mm	205 mm
ST2A43	€ 116,00	43,00 mm	4	359 mm	210 mm
ST2A43.50	€ 116,00	43,50 mm	4	359 mm	210 mm
ST2A44	€ 116,00	44,00 mm	4	359 mm	210 mm
ST2A44.50	€ 116,00	44,50 mm	4	359 mm	210 mm
ST2A45	€ 129,00	45,00 mm	4	359 mm	210 mm
ST2A45.50	€ 129,00	45,50 mm	4	364 mm	215 mm
ST2A46	€ 129,00	46,00 mm	4	364 mm	215 mm

Art.	€	ø	MT	L	l
ST2A46.50	€ 150,00	46,50 mm	4	364 mm	215 mm
ST2A47	€ 150,00	47,00 mm	4	364 mm	215 mm
ST2A47.50	€ 150,00	47,50 mm	4	364 mm	215 mm
ST2A48	€ 150,00	48,00 mm	4	369 mm	220 mm
ST2A48.50	€ 166,00	48,50 mm	4	369 mm	220 mm
ST2A49	€ 166,00	49,00 mm	4	369 mm	220 mm
ST2A49.50	€ 166,00	49,50 mm	4	369 mm	220 mm
ST2A50	€ 169,00	50,00 mm	4	369 mm	220 mm
ST2A50.50	€ 173,00	50,50 mm	4	374 mm	225 mm
ST2A51	€ 179,00	51,00 mm	5	412 mm	225 mm
ST2A51.50	€ 185,00	51,50 mm	5	412 mm	225 mm
ST2A52	€ 195,00	52,00 mm	5	412 mm	225 mm
ST2A53	€ 195,00	53,00 mm	5	412 mm	225 mm
ST2A54	€ 195,00	54,00 mm	5	417 mm	230 mm
ST2A55	€ 195,00	55,00 mm	5	417 mm	230 mm
ST2A56	€ 227,00	56,00 mm	5	417 mm	230 mm
ST2A57	€ 227,00	57,00 mm	5	422 mm	235 mm
ST2A58	€ 227,00	58,00 mm	5	422 mm	235 mm
ST2A59	€ 227,00	59,00 mm	5	422 mm	235 mm
ST2A60	€ 227,00	60,00 mm	5	422 mm	235 mm
ST2A61	€ 271,00	61,00 mm	5	427 mm	240 mm
ST2A62	€ 293,00	62,00 mm	5	427 mm	240 mm
ST2A63	€ 336,00	63,00 mm	5	427 mm	240 mm
ST2A65	€ 336,00	65,00 mm	5	432 mm	245 mm
ST2A66	€ 336,00	66,00 mm	5	432 mm	245 mm
ST2A67	€ 340,00	67,00 mm	5	432 mm	245 mm
ST2A68	€ 349,00	68,00 mm	5	437 mm	250 mm
ST2A69	€ 353,00	69,00 mm	5	437 mm	250 mm
ST2A70	€ 353,00	70,00 mm	5	437 mm	250 mm
ST2A71	€ 353,00	71,00 mm	5	437 mm	250 mm
ST2A72	€ 353,00	72,00 mm	5	442 mm	255 mm
ST2A73	€ 400,00	73,00 mm	5	442 mm	255 mm
ST2A74	€ 400,00	74,00 mm	5	442 mm	255 mm
ST2A75	€ 419,00	75,00 mm	5	442 mm	255 mm
ST2A77	€ 489,00	77,00 mm	6	514 mm	260 mm
ST2A78	€ 642,00	78,00 mm	6	514 mm	260 mm
ST2A79	€ 839,00	79,00 mm	6	514 mm	260 mm

P057 € 102,00

SET OF TWIST DRILLS WITH CONICAL SHANK

DIN 345/N, right hand



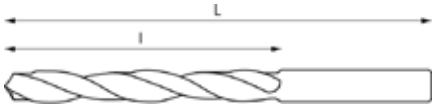


MT 14 mm
MT 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm

P081- PRO NEW

NC SPOTTING DRILL





Box | HSS CO 5% | External | Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Drill

Art.	€	Diameter	l	L
P081/03	€ 6,40	3 mm	12 mm	46 mm
P081/04	€ 8,30	4 mm	12 mm	55 mm
P081/05	€ 10,20	5 mm	15 mm	60 mm
P081/06	€ 12,30	6 mm	20 mm	66 mm
P081/08	€ 17,40	8 mm	25 mm	79 mm
P081/10	€ 22,30	10 mm	25 mm	89 mm
P081/12	€ 31,20	12 mm	30 mm	102 mm
P081/16	€ 50,50	16 mm	35 mm	115 mm
P081/20	€ 70,40	20 mm	40 mm	131 mm

P056/10S € 34,70

CENTER DRILL SET

DIN 333, ground, with vaporized grooves. Taper angle 60 °



10 Pcs | Box | HSS | 118° | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Magnetic Drill

Sizes	0.75 – 1.00 – 1.5 – 1.6 – 2.0 – 2.5 – 3.0 – 3.15 – 4.0 – 5.0 mm
Type	A
Tolerance	K12

P056-

CENTER DRILL

DIN 333, ground, with vaporized grooves. Taper angle 60 °





Box | HSS | 118° | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Magnetic Drill | Drill press

Art.	€	ø	Stem	Length
P056/1	€ 2,45	1 mm	ø 3 mm	30,5 mm
P056/1.6	€ 2,45	1,6 mm	ø 4 mm	35,5 mm
P056/2	€ 3,67	2 mm	ø 5 mm	40 mm
P056/2.5	€ 3,87	2,5 mm	ø 6,3 mm	45 mm
P056/3.15	€ 4,27	3,15 mm	ø 8 mm	50 mm
P056/4	€ 7,60	4 mm	ø 10 mm	56 mm
P056/5	€ 10,20	5 mm	ø 12,5 mm	63 mm



CORE SAWS

Tools designed for drilling and processing metal materials. These are cylindrical tips with a toothed circular section. They are mounted on the spindle of special tools such as drilling machines, magnetic base drills, and column drills. Unlike cup milling machines, which have a crown that holds the material to be removed inside, these milling machines process the material by chip removal through the side cutters of the tool.



THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

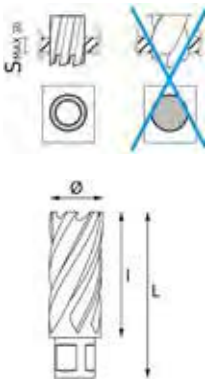
Materials to be processed	Saw Type	Saw diameter							Coolant
		12 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 49	50 - 60	
		no. of revolutions (rpm)							
Low alloy construction steel R< 700÷900N/mm2	HSS	700	530	420	340	290	240	170	Emulsion
	HSS-Co5%	875	663	525	425	363	300	213	Emulsion
Alloy steel R< 1100÷1300N/mm2	HSS	470	350	270	230	190	160	120	Emulsion
	HSS-Co5%	588	438	338	288	238	200	150	Emulsion
Stainless steel	HSS	470	350	270	230	190	160	120	Emulsion
	HSS-Co5%	588	438	338	288	238	200	150	Emulsion
Cast iron	HSS	240	180	140	120	100	80	60	No refriger.
Light Alloys	HSS	700	530	420	340	290	240	170	No refriger.
Plastic	HSS	830	620	480	400	340	280	200	No refriger.



F011-

CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing





Hangable | HSS | R≤850N/mm²

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	€	Cutting capacity	ø	Total length
F011/12	€ 23,50	30 mm	12 mm	62 mm
F011/13	€ 24,50	30 mm	13 mm	62 mm
F011/14	€ 28,40	30 mm	14 mm	62 mm
F011/15	€ 29,30	30 mm	15 mm	62 mm
F011/16	€ 31,30	30 mm	16 mm	62 mm
F011/17	€ 32,30	30 mm	17 mm	62 mm
F011/18	€ 34,20	30 mm	18 mm	62 mm
F011/19	€ 35,10	30 mm	19 mm	62 mm
F011/20	€ 36,20	30 mm	20 mm	62 mm
F011/21	€ 36,70	30 mm	21 mm	62 mm
F011/22	€ 38,10	30 mm	22 mm	62 mm
F011/23	€ 39,10	30 mm	23 mm	62 mm
F011/24	€ 41,60	30 mm	24 mm	62 mm
F011/25	€ 43,10	30 mm	25 mm	62 mm
F011/26	€ 48,90	30 mm	26 mm	62 mm
F011/27	€ 50,30	30 mm	27 mm	62 mm
F011/28	€ 51,80	30 mm	28 mm	62 mm
F011/29	€ 53,30	30 mm	29 mm	62 mm
F011/30	€ 54,70	30 mm	30 mm	62 mm
F011/31	€ 57,10	30 mm	31 mm	62 mm
F011/32	€ 58,70	30 mm	32 mm	62 mm
F011/33	€ 60,40	30 mm	33 mm	62 mm
F011/34	€ 62,10	30 mm	34 mm	62 mm
F011/35	€ 63,50	30 mm	35 mm	62 mm
F011/36	€ 65,30	30 mm	36 mm	62 mm
F011/37	€ 67,00	30 mm	37 mm	62 mm
F011/38	€ 69,20	30 mm	38 mm	62 mm
F011/39	€ 71,20	30 mm	39 mm	62 mm
F011/40	€ 72,40	30 mm	40 mm	62 mm
F011/41	€ 83,60	30 mm	41 mm	62 mm
F011/42	€ 85,50	30 mm	42 mm	62 mm
F011/43	€ 87,00	30 mm	43 mm	62 mm
F011/44	€ 88,90	30 mm	44 mm	62 mm
F011/45	€ 104,00	30 mm	45 mm	62 mm
F011/46	€ 106,00	30 mm	46 mm	62 mm
F011/47	€ 108,00	30 mm	47 mm	62 mm
F011/48	€ 111,00	30 mm	48 mm	62 mm
F011/49	€ 113,00	30 mm	49 mm	62 mm
F011/50	€ 115,00	30 mm	50 mm	62 mm
F011/51	€ 125,00	30 mm	51 mm	62 mm
F011/52	€ 127,00	30 mm	52 mm	62 mm
F011/53	€ 129,00	30 mm	53 mm	62 mm
F011/54	€ 132,00	30 mm	54 mm	62 mm
F011/55	€ 137,00	30 mm	55 mm	62 mm
F011/60	€ 160,00	30 mm	60 mm	62 mm

F011/6 € 185,00

WELDON SHANK CORE DRILL SET

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing.



7 Pcs | Box | HSS | R≤850N/mm²

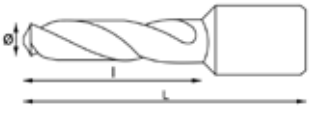
Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Sizes	12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm
Cutting capacity	30 mm
Shank	Weldon 19,05 mm

F011-XP

TWIST DRILLS WELDON SHANK





Hangable | HSS | 135° | R≤850N/mm²

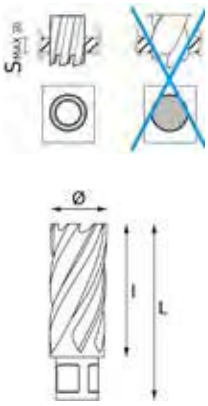
Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	€	ø	l	L
F011/006P	€ 28,70	6 mm	30 mm	62 mm
F011/007P	€ 28,70	7 mm	30 mm	62 mm
F011/008P	€ 28,70	8 mm	30 mm	62 mm
F011/009P	€ 31,70	9 mm	30 mm	62 mm
F011/010P	€ 31,70	10 mm	30 mm	62 mm
F011/011P	€ 34,70	11 mm	30 mm	62 mm

F002- PRO

CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing





Hangable | HSS CO 5% | Rs1200N/mm²

Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	Cutting capacity	Total length
F002/12	€ 38,90	12 mm	30 mm	62 mm
F002/13	€ 41,10	13 mm	30 mm	62 mm
F002/14	€ 44,90	14 mm	30 mm	62 mm
F002/15	€ 48,90	15 mm	30 mm	62 mm
F002/16	€ 50,80	16 mm	30 mm	62 mm
F002/17	€ 50,80	17 mm	30 mm	62 mm
F002/18	€ 50,80	18 mm	30 mm	62 mm
F002/19	€ 51,80	19 mm	30 mm	62 mm
F002/20	€ 53,80	20 mm	30 mm	62 mm
F002/21	€ 55,70	21 mm	30 mm	62 mm
F002/22	€ 57,70	22 mm	30 mm	62 mm
F002/23	€ 59,10	23 mm	30 mm	62 mm
F002/24	€ 62,60	24 mm	30 mm	62 mm
F002/25	€ 64,50	25 mm	30 mm	62 mm
F002/26	€ 74,20	26 mm	30 mm	62 mm
F002/27	€ 77,30	27 mm	30 mm	62 mm
F002/28	€ 79,20	28 mm	30 mm	62 mm
F002/29	€ 80,10	29 mm	30 mm	62 mm
F002/30	€ 83,10	30 mm	30 mm	62 mm
F002/31	€ 87,00	31 mm	30 mm	62 mm
F002/32	€ 90,00	32 mm	30 mm	62 mm
F002/33	€ 96,80	33 mm	30 mm	62 mm
F002/34	€ 102,00	34 mm	30 mm	62 mm
F002/35	€ 105,00	35 mm	30 mm	62 mm
F002/36	€ 109,00	36 mm	30 mm	62 mm
F002/37	€ 114,00	37 mm	30 mm	62 mm
F002/38	€ 118,00	38 mm	30 mm	62 mm
F002/39	€ 123,00	39 mm	30 mm	62 mm
F002/40	€ 127,00	40 mm	30 mm	62 mm
F002/41	€ 132,00	41 mm	30 mm	62 mm
F002/42	€ 138,00	42 mm	30 mm	62 mm
F002/43	€ 141,00	43 mm	30 mm	62 mm
F002/44	€ 148,00	44 mm	30 mm	62 mm
F002/45	€ 158,00	45 mm	30 mm	62 mm
F002/46	€ 160,00	46 mm	30 mm	62 mm
F002/47	€ 164,00	47 mm	30 mm	62 mm
F002/48	€ 167,00	48 mm	30 mm	62 mm
F002/49	€ 172,00	49 mm	30 mm	62 mm
F002/50	€ 176,00	50 mm	30 mm	62 mm
F002/55	€ 205,00	55 mm	30 mm	62 mm
F002/60	€ 317,00	60 mm	30 mm	62 mm

F002/6 PRO € 283,00

WELDON SHANK CORE DRILL SET

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing.



7 Pcs | Box | HSS CO 5% | Rs1200N/mm²

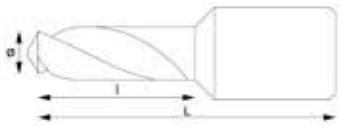
Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Sizes	12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm
Shank	Weldon 19,05 mm

F002-XP PRO

TWIST DRILLS WELDON SHANK





Hangable | HSS CO 5% | 135° | Rs1200N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

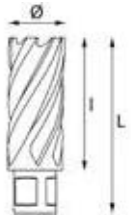
Art.	€	ø	l	L
F002/006P	€ 26,70	6 mm	30 mm	62.50 mm
F002/007P	€ 26,70	7 mm	30 mm	62.50 mm
F002/008P	€ 26,70	8 mm	30 mm	62.50 mm
F002/009P	€ 26,70	9 mm	30 mm	62.50 mm
F002/010P	€ 26,70	10 mm	30 mm	62.50 mm
F002/011P	€ 26,70	11 mm	30 mm	62.50 mm

F002-XL PRO

LONG TYPE CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing







Hangable | HSS CO 5% | R≤1200N/mm²

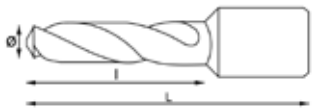
Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	Cutting capacity	Total length
F002/12L	€ 54,70	12 mm	50 mm	85 mm
F002/13L	€ 55,70	13 mm	50 mm	85 mm
F002/14L	€ 65,50	14 mm	50 mm	85 mm
F002/15L	€ 66,50	15 mm	50 mm	85 mm
F002/16L	€ 71,40	16 mm	50 mm	85 mm
F002/17L	€ 74,20	17 mm	50 mm	85 mm
F002/18L	€ 77,30	18 mm	50 mm	85 mm
F002/19L	€ 79,20	19 mm	50 mm	85 mm
F002/20L	€ 81,10	20 mm	50 mm	85 mm
F002/21L	€ 83,10	21 mm	50 mm	85 mm
F002/22L	€ 85,00	22 mm	50 mm	85 mm
F002/23L	€ 87,00	23 mm	50 mm	85 mm
F002/24L	€ 91,90	24 mm	50 mm	85 mm
F002/25L	€ 93,80	25 mm	50 mm	85 mm
F002/26L	€ 109,00	26 mm	50 mm	85 mm
F002/27L	€ 111,00	27 mm	50 mm	85 mm
F002/28L	€ 114,00	28 mm	50 mm	85 mm
F002/29L	€ 116,00	29 mm	50 mm	85 mm
F002/30L	€ 118,00	30 mm	50 mm	85 mm
F002/31L	€ 125,00	31 mm	50 mm	85 mm
F002/32L	€ 128,00	32 mm	50 mm	85 mm
F002/33L	€ 129,00	33 mm	50 mm	85 mm
F002/34L	€ 133,00	34 mm	50 mm	85 mm
F002/35L	€ 135,00	35 mm	50 mm	85 mm
F002/36L	€ 140,00	36 mm	50 mm	85 mm
F002/37L	€ 141,00	37 mm	50 mm	85 mm
F002/38L	€ 146,00	38 mm	50 mm	85 mm
F002/39L	€ 150,00	39 mm	50 mm	85 mm
F002/40L	€ 151,00	40 mm	50 mm	85 mm
F002/41L	€ 176,00	41 mm	50 mm	85 mm
F002/42L	€ 179,00	42 mm	50 mm	85 mm
F002/43L	€ 183,00	43 mm	50 mm	85 mm
F002/44L	€ 186,00	44 mm	50 mm	85 mm
F002/45L	€ 223,00	45 mm	50 mm	85 mm
F002/46L	€ 226,00	46 mm	50 mm	85 mm
F002/47L	€ 229,00	47 mm	50 mm	85 mm
F002/48L	€ 233,00	48 mm	50 mm	85 mm
F002/49L	€ 237,00	49 mm	50 mm	85 mm
F002/50L	€ 241,00	50 mm	50 mm	85 mm
F002/55L	€ 284,00	55 mm	50 mm	85 mm
F002/60L	€ 328,00	60 mm	50 mm	85 mm

F002-XPL PRO

LONG TWIST DRILLS WELDON SHANK





Hangable | HSS CO 5% | 135° | R≤1200N/mm²

Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	l	L
F002/006PL	€ 34,70	6 mm	55 mm	86.50 mm
F002/007PL	€ 34,70	7 mm	55 mm	86.50 mm
F002/008PL	€ 34,70	8 mm	55 mm	86.50 mm
F002/009PL	€ 34,70	9 mm	55 mm	86.50 mm
F002/010PL	€ 34,70	10 mm	55 mm	86.50 mm
F002/011PL	€ 34,70	11 mm	55 mm	86.50 mm

F002/P PRO € 7,80

PILOT PIN

For weldon shank core drills



Box | Mill | Magnetic Drill | Drill press

Dimensions	6,35 x 77 mm

F002/PL PRO € 9,70

PILOT PIN

For weldon shank long type core drills



Box | Mill | Magnetic Drill | Drill press

Dimensions	6,35 x 102 mm

CUP SAWS WITH HARD METAL INSERTS



The variable hard metal tooth geometry enables cutting of pipes, profiles and sheets made of stainless steel, high-alloy steel. Max cut thickness: 5 mm

THEORETICAL RPM FOR CUP SAWS WITH HARD METAL INSERTS DEPENDING ON THE MATERIAL TO BE PROCESSED

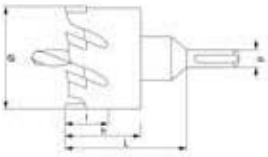
Materials to be processed	Saw diameter							Coolant
	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 70	71 -100	
	no. of revolutions (rpm)							
Alloy steel R< 1100÷1300N/mm2	530	420	340	270	210	160	100	Emulsion
Stainless steel	530	420	340	270	210	160	100	Emulsion
Aluminium	880	690	570	450	350	270	190	Emulsion



F019-

TCT CORE DRILL

With lateral chip and center drill





Hangable | C45 | HM | R≤1300N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press | Portable Drill

Art.	€	ø	h	d	L	Cutting Depth	Thread
F019/015	€ 12,50	15 mm	28 mm	10 mm	50 mm	5 mm	-
F019/016	€ 13,40	16 mm	28 mm	10 mm	50 mm	5 mm	-
F019/017	€ 14,30	17 mm	28 mm	10 mm	50 mm	5 mm	-
F019/018	€ 15,20	18 mm	28 mm	10 mm	50 mm	5 mm	-
F019/019	€ 16,00	19 mm	28 mm	10 mm	50 mm	5 mm	-
F019/020	€ 17,00	20 mm	28 mm	10 mm	50 mm	5 mm	-
F019/021	€ 17,80	21 mm	28 mm	10 mm	50 mm	5 mm	-
F019/022	€ 18,80	22 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/023	€ 19,60	23 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/024	€ 20,50	24 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/025	€ 21,40	25 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/026	€ 22,30	26 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/027	€ 23,20	27 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/028	€ 24,10	28 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/029	€ 24,90	29 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/030	€ 25,90	30 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/031	€ 26,70	31 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/032	€ 27,70	32 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/033	€ 28,50	33 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/034	€ 29,50	34 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/035	€ 30,30	35 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/036	€ 31,20	36 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/037	€ 32,10	37 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/038	€ 33,00	38 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/039	€ 33,80	39 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/040	€ 34,80	40 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/041	€ 35,10	41 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/042	€ 36,10	42 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/043	€ 36,90	43 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/044	€ 37,40	44 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/045	€ 38,40	45 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/046	€ 39,20	46 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/047	€ 40,10	47 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/048	€ 41,00	48 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/049	€ 41,90	49 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/050	€ 42,70	50 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/051	€ 43,70	51 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/052	€ 44,50	52 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/053	€ 45,50	53 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/054	€ 46,30	54 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/055	€ 47,30	55 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/056	€ 48,10	56 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/057	€ 49,00	57 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/058	€ 49,90	58 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/059	€ 50,80	59 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/060	€ 51,60	60 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/065	€ 59,70	65 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/070	€ 63,30	70 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/075	€ 67,70	75 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/080	€ 72,20	80 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/085	€ 76,60	85 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/090	€ 81,90	90 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/095	€ 86,40	95 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/100	€ 90,80	100 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5

F019/006 — € 99,60

TCT CORE DRILL SET

With lateral chip and center drill.



6 Pcs | Carrying case | C45 | HM | R≤1300N/mm²

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm
Cutting Depth	5 mm

F019/008 — € 141,00

TCT CORE DRILL SET

With lateral chip and center drill.



8 Pcs | Carrying case | C45 | HM | R≤1300N/mm²

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm
Cutting Depth	5 mm

F019/005 — € 1,88

CENTER DRILL

For item F019-



Box | HSS | HM

ø	6 mm
L	50 mm

F019/007 — € 0,23

SPRING

For item F019-



Box | Steel

HSS CUP SAWS

Equipped with chip breaker side cut. Precision drilling of steel sheets, light alloys and metal materials in general. Drilling depth up to 5 mm.



THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

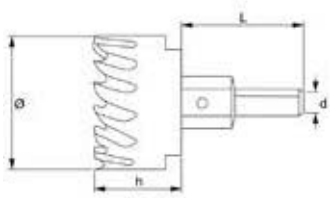
Materials to be processed	Saw diameter												Coolant
	12-17	18-24	25-32	33-38	39-44	45-51	52-57	58-64	65-70	71-80	81-90	91-100	
	no. of revolutions (rpm)												
Low alloy construction steel R< 700÷900N/mm2	550	380	300	240	200	170	150	130	120	110	100	90	Emulsion
Alloy steel R< 1100÷1300N/mm2	230	160	130	100	80	70	60	60	50	50	40	40	Emulsion
Stainless steel	230	160	130	100	80	70	60	60	50	50	40	40	Emulsion
Cast iron	280	190	150	120	100	90	80	70	60	60	50	40	No refriger.
Light Alloys	870	590	470	370	310	270	240	210	190	170	150	140	Emulsion
Aluminium	870	590	470	370	310	270	240	210	190	170	150	140	Emulsion
Plastic	660	450	350	280	240	210	180	160	150	130	120	100	Water No refrigeration



F015-

DRILL BIT HOLE SAW

With lateral chip and center drill





Hangable | HSS | Rs800N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Plastic | Cast Iron | Emulsion | Mill | Drill

Art.	€	ø	h	d	L	Thread
F015/012	€ 10,30	12 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/013	€ 10,30	13 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/014	€ 10,80	14 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/015	€ 10,80	15 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/016	€ 10,80	16 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/017	€ 10,80	17 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/018	€ 10,80	18 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/019	€ 11,30	19 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/020	€ 11,80	20 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/021	€ 12,20	21 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/022	€ 12,70	22 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/023	€ 13,80	23 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/024	€ 14,10	24 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/025	€ 14,60	25 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/026	€ 15,60	26 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/027	€ 16,00	27 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/028	€ 16,50	28 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/029	€ 17,00	29 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/030	€ 17,30	30 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/031	€ 17,80	31 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/032	€ 18,80	32 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/033	€ 18,80	33 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/034	€ 19,70	34 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/035	€ 20,70	35 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/036	€ 21,60	36 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/037	€ 21,60	37 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/038	€ 22,10	38 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/039	€ 24,00	39 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/040	€ 24,00	40 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/041	€ 24,50	41 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/042	€ 24,50	42 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/043	€ 25,40	43 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/044	€ 25,90	44 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/045	€ 27,30	45 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/046	€ 27,30	46 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/047	€ 27,80	47 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/048	€ 29,60	48 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/049	€ 30,00	49 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/050	€ 30,00	50 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/051	€ 36,70	51 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/052	€ 36,70	52 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/053	€ 37,60	53 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/054	€ 39,50	54 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/055	€ 39,50	55 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/056	€ 40,40	56 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/057	€ 40,40	57 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/058	€ 42,30	58 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/059	€ 44,20	59 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/060	€ 44,20	60 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/065	€ 56,40	65 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/070	€ 60,20	70 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/075	€ 64,80	75 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/080	€ 71,50	80 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/085	€ 81,80	85 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/090	€ 90,20	90 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/095	€ 97,70	95 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/100	€ 103,00	100 mm	23 mm	12 mm	56 mm	M16 x 1,5

F015/006S — € 99,60

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



6 Pcs | Carrying case | HSS | Rs800N/mm² | Steel

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm

F015/008S — € 141,00

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



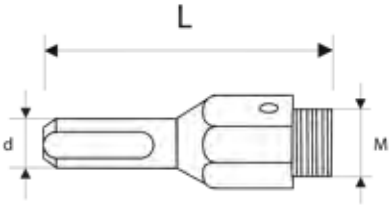
8 Pcs | Carrying case | HSS | Rs800N/mm² | Steel

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm

F015-A

DRILL BIT HOLE SAW ARBOR

For item F015-



Hangable | Mill | Drill

Art.	€	ø	d	L	Thread
F015/001	€ 3,29	12 - 14 mm	8 mm	56 mm	M10 x 1,25
F015/002	€ 3,29	15-34 mm	10 mm	56 mm	M12 x 1,25
F015/003	€ 4,71	35-50 mm	10 mm	56 mm	M14 x 1,5
F015/004	€ 4,71	51-100 mm	12 mm	60 mm	M16 x 1,5

F015/005 — € 1,88

CENTER DRILL

For item F015-



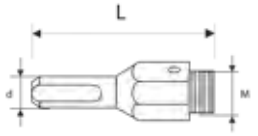
Box | HSS

ø	6 mm
L	50 mm

F015/007 — € 0,23

SPRING

For item F015-



Box | Steel

BI-METAL CUP SAW



Equipped with variable toothing for cutting thin material such as steel, cast iron, aluminium, copper, bronze, brass, wood, plastic, fibreglass and plasterboard.

THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

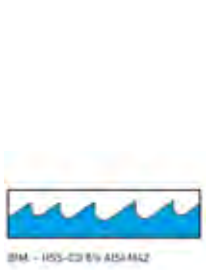
Materials to be processed	Saw diameter																Coolant
	14 - 17	19 - 24	25 - 32	33 - 38	40 - 44	46 - 51	52 - 57	59 - 64	65 - 70	73 - 79	83 - 89	92 - 98	102 - 108	111 - 121	127 - 140	146 - 152	
	no. of revolutions (rpm)																
Low alloy construction steel R< 700÷900N/mm2	530	360	280	230	190	170	140	130	120	110	90	80	80	70	60	50	Emulsion
Alloy steel R< 1100÷1300N/mm2	210	140	110	90	80	70	60	50	50	40	40	30	30	30	20	20	Emulsion
Stainless steel	210	140	110	90	80	70	60	50	50	40	40	30	30	30	20	20	Emulsion
Cast iron	250	180	170	140	110	90	70	60	60	50	40	40	40	30	30	30	No refriger.
Brass	740	510	400	320	270	230	200	180	170	150	130	120	110	100	80	70	"Emulsion Oil"
Aluminium and light alloys	850	580	450	360	300	270	230	210	190	170	150	130	120	110	100	80	Emulsion
Wood	960	650	510	410	340	300	260	230	210	190	170	150	140	120	110	100	No refriger.
Plastic	640	430	340	270	230	200	170	150	140	130	110	100	90	80	70	60	No refriger.
Plasterboard	960	650	510	410	340	300	260	230	210	190	170	150	140	120	110	100	No refriger.



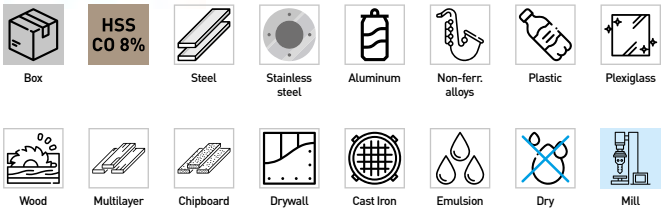
0278- PRO

BIMETAL HOLE SAWS WITH VARIABLE TEETH

Thanks to the geometry of the variable toothing, it is possible to perform rapid and precise cuts as well as greater heat dispersion during cutting for less wear of the teeth. Furthermore, there is a considerable reduction of seizure







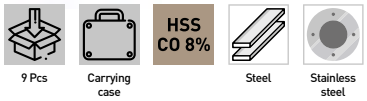
Art.	€	ø	ø inch
0278/014	€ 5,30	14 mm	9/16
0278/016	€ 5,30	16 mm	5/8
0278/017	€ 5,30	17 mm	11/16
0278/019	€ 5,70	19 mm	3/4
0278/020	€ 5,70	20 mm	25/32
0278/021	€ 6,10	21 mm	13/16
0278/022	€ 6,10	22 mm	7/8
0278/024	€ 6,40	24 mm	15/16
0278/025	€ 6,40	25 mm	1
0278/027	€ 7,00	27 mm	1-1/16
0278/029	€ 7,00	29 mm	1-1/8
0278/030	€ 8,30	30 mm	1-3/16
0278/032	€ 8,30	32 mm	1-1/4
0278/033	€ 8,50	33 mm	1-5/16
0278/035	€ 9,00	35 mm	1-3/8
0278/037	€ 9,50	37 mm	1-7/16
0278/038	€ 9,50	38 mm	1-1/2
0278/040	€ 9,70	40 mm	1-9/16
0278/041	€ 9,90	41 mm	1-5/8
0278/043	€ 9,90	43 mm	1-11/16
0278/044	€ 10,80	44 mm	1-3/4
0278/046	€ 10,80	46 mm	1-13/16
0278/048	€ 11,10	48 mm	1-7/8
0278/051	€ 11,40	51 mm	2
0278/052	€ 12,70	52 mm	2-1/16
0278/054	€ 12,70	54 mm	2-1/8
0278/057	€ 12,70	57 mm	2-1/4
0278/059	€ 13,10	59 mm	2-5/16
0278/060	€ 13,10	60 mm	2-3/8
0278/064	€ 14,10	64 mm	2-1/2
0278/065	€ 14,10	65 mm	2-9/16
0278/067	€ 15,20	67 mm	2-5/8
0278/068	€ 15,20	68 mm	2-11/16
0278/070	€ 15,20	70 mm	2-3/4
0278/073	€ 16,70	73 mm	2-7/8
0278/076	€ 16,70	76 mm	3
0278/079	€ 17,70	79 mm	3-1/8
0278/083	€ 18,80	83 mm	3-1/4
0278/085	€ 18,80	85 mm	3-3/8
0278/089	€ 20,40	89 mm	3-1/2
0278/092	€ 20,90	92 mm	3-5/8
0278/095	€ 21,70	95 mm	3-3/4
0278/098	€ 21,70	98 mm	3-7/8
0278/102	€ 21,90	102 mm	4
0278/105	€ 22,30	105 mm	4-1/8
0278/108	€ 23,00	108 mm	4-1/4
0278/111	€ 23,70	111 mm	4-3/8
0278/114	€ 24,80	114 mm	4-1/2
0278/121	€ 25,90	121 mm	4-3/4
0278/127	€ 28,00	127 mm	5
0278/140	€ 37,80	140 mm	5-1/2
0278/152	€ 44,00	152 mm	6

0278/002S PRO € 95,90

HOLE SAW SET

Electrician kit







Hole saw	22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 44 mm
Corresponding arbors, adapter, bits	0712/800
Hole saw	51 - 64 mm
Corresponding arbors, adapter, bits	0712/900

0278/005S PRO € 62,90

HOLE SAW SET

Repairman set







Hole saw	22 - 25 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	32 - 38 mm
Corresponding arbors, adapter, bits	0712/900

0278/008S PRO € 91,20

HOLE SAW SET

Plumber set







Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	38 - 44 - 57 mm
Corresponding arbors, adapter, bits	0712/800 - 0712/900

0278/009S PRO € 108,00

HOLE SAW SET

Installer set







Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Hole saw	35 - 38 - 44 - 51 - 57 - 64 mm
Corresponding arbors, adapter, bits	0712/800

0712-

BIMETAL HOLE SAWS WITH VARIABLE TEETH

Thanks to the geometry of the variable toothing, it is possible to perform rapid and precise cuts as well as greater heat dispersion during cutting for less wear of the teeth. Furthermore, there is a considerable reduction of seizure





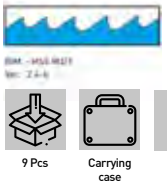


Art.	€	ø	ø inch
0712/014	€ 4,91	14 mm	9/16
0712/016	€ 4,91	16 mm	5/8
0712/017	€ 4,91	17 mm	11/16
0712/019	€ 4,91	19 mm	3/4
0712/020	€ 4,91	20 mm	25/32
0712/021	€ 4,91	21 mm	13/16
0712/022	€ 7,00	22 mm	7/8
0712/024	€ 7,00	24 mm	15/16
0712/025	€ 7,00	25 mm	1
0712/027	€ 7,00	27 mm	1-1/16
0712/029	€ 7,00	29 mm	1-1/8
0712/030	€ 7,10	30 mm	1-3/16
0712/032	€ 7,10	32 mm	1-1/4
0712/033	€ 7,10	33 mm	1-5/16
0712/035	€ 9,10	35 mm	1-3/8
0712/037	€ 9,10	37 mm	1-7/16
0712/038	€ 9,10	38 mm	1-1/2
0712/040	€ 9,10	40 mm	1-9/16
0712/041	€ 9,10	41 mm	1-5/8
0712/043	€ 9,10	43 mm	1-11/16
0712/044	€ 9,10	44 mm	1-3/4
0712/046	€ 9,10	46 mm	1-13/16
0712/048	€ 9,10	48 mm	1-7/8
0712/051	€ 9,10	51 mm	2
0712/052	€ 10,70	52 mm	2-1/16
0712/054	€ 10,70	54 mm	2-1/8
0712/057	€ 10,70	57 mm	2-1/4
0712/059	€ 10,70	59 mm	2-5/16
0712/060	€ 10,70	60 mm	2-3/8
0712/064	€ 12,00	64 mm	2-1/2
0712/065	€ 12,00	65 mm	2-9/16
0712/067	€ 12,00	67 mm	2-5/8
0712/068	€ 12,00	68 mm	2-11/16
0712/070	€ 12,00	70 mm	2-3/4
0712/073	€ 14,00	73 mm	2-7/8
0712/076	€ 14,00	76 mm	3
0712/079	€ 14,00	79 mm	3-1/8
0712/083	€ 15,60	83 mm	3-1/4
0712/085	€ 15,60	85 mm	3-3/8
0712/089	€ 15,60	89 mm	3-1/2
0712/092	€ 15,60	92 mm	3-5/8
0712/095	€ 17,30	95 mm	3-3/4
0712/098	€ 17,30	98 mm	3-7/8
0712/102	€ 18,50	102 mm	4
0712/105	€ 20,20	105 mm	4-1/8
0712/108	€ 24,80	108 mm	4-1/4
0712/111	€ 30,80	111 mm	4-3/8
0712/114	€ 30,80	114 mm	4-1/2
0712/121	€ 30,80	121 mm	4-3/4
0712/127	€ 30,80	127 mm	5
0712/140	€ 35,60	140 mm	5-1/2
0712/152	€ 35,60	152 mm	6

0712/002 € 86,90

HOLE SAW SET

Electrician kit





Hole saw	22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 44 mm
Corresponding arbors, adapter, bits	0712/800
Hole saw	51 - 64 mm
Corresponding arbors, adapter, bits	0712/900

0712/005 € 56,90

HOLE SAW SET

Repairman set



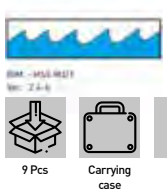


Hole saw	22 - 25 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	32 - 38 mm
Corresponding arbors, adapter, bits	0712/900

0712/008 € 86,90

HOLE SAW SET

Plumber set



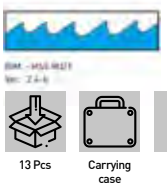


Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	38 - 44 - 57 mm
Corresponding arbors, adapter, bits	0712/800 - 0712/900

0712/009 € 98,70

HOLE SAW SET

Installer set





Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Hole saw	35 - 38 - 44 - 51 - 57 - 64 mm
Corresponding arbors, adapter, bits	0712/800

0712/010 — € 186,00

HOLE SAW SET

Industry kit





21 Pcs | Carrying case | HSS M3

Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 38 - 44 - 51 - 57 - 64 - 76 - 83 - 92 - 95 - 105 - 114 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Extension	300 mm

0712/900 — € 3,96

ARBOR ADAPTER FOR HOLE SAWS





Box

Gear Reduction ratio	1/2" - 5/8"
For arbor	0712/600 - 0712/700

0712-X00

DRILL BIT

Suitable for all brands



HSS

Box

Art.	€	Stem	For arbor	Length	Pack
0712/300	**€ 3,96**	Ø 6,35 mm	0712/600	105 mm	10
0712/200	**€ 3,96**	Ø 6,35 mm	0712/700 - 800	75 mm	10

0712-X0

HOLE SAW ARBOR WITH DRILL BIT

Hexagonal connection, suitable for all brands.



HSS

Box

Art.	€	Shank	Stem	Hole saw	Thread
0712/600	**€ 7,10**	Shank Round	Ø 6,35 mm	Ø 14÷30 mm	1/2"
0712/700	**€ 8,00**	Shank Hexagonal	Ø 9,5 mm	Ø 14÷30 mm	1/2"
0712/800	**€ 12,70**	Shank Hexagonal	Ø 11 mm	Ø 32÷152 mm	5/8"



A208B-

MACHINE REAMER

DIN 208 / B, ground for H7 couplings. Right-hand cut, left-hand helical cutting edges, morse taper attachment. They can be used mainly for through holes but thanks to the short mouth it is also possible to bore blind holes





Box | HSS | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

Art.	€	øH7	L	l	MT
A208B/05	€ 21,40	5 mm	133 mm	23 mm	1
A208B/06	€ 23,20	6 mm	138 mm	26 mm	1
A208B/07	€ 23,20	7 mm	150 mm	31 mm	1
A208B/08	€ 24,30	8 mm	156 mm	33 mm	1
A208B/09	€ 24,30	9 mm	162 mm	36 mm	1
A208B/10	€ 26,50	10 mm	168 mm	38 mm	1
A208B/11	€ 26,50	11 mm	175 mm	41 mm	1
A208B/12	€ 27,80	12 mm	182 mm	44 mm	1
A208B/13	€ 27,80	13 mm	182 mm	44 mm	1
A208B/14	€ 29,10	14 mm	189 mm	47 mm	1
A208B/15	€ 33,20	15 mm	204 mm	50 mm	2
A208B/16	€ 33,20	16 mm	210 mm	52 mm	2
A208B/17	€ 34,10	17 mm	214 mm	54 mm	2
A208B/18	€ 34,70	18 mm	219 mm	56 mm	2
A208B/19	€ 35,60	19 mm	223 mm	58 mm	2
A208B/20	€ 39,50	20 mm	228 mm	60 mm	2
A208B/21	€ 41,60	21 mm	232 mm	62 mm	2
A208B/22	€ 45,50	22 mm	237 mm	64 mm	2
A208B/23	€ 50,00	23 mm	241 mm	66 mm	2
A208B/24	€ 51,90	24 mm	268 mm	68 mm	3
A208B/25	€ 56,90	25 mm	268 mm	68 mm	3
A208B/26	€ 59,70	26 mm	273 mm	70 mm	3
A208B/27	€ 66,60	27 mm	277 mm	71 mm	3
A208B/28	€ 72,50	28 mm	277 mm	71 mm	3
A208B/29	€ 74,40	29 mm	281 mm	73 mm	3
A208B/30	€ 79,30	30 mm	281 mm	73 mm	3
A208B/31	€ 83,20	31 mm	285 mm	75 mm	3
A208B/32	€ 87,10	32 mm	317 mm	77 mm	4
A208B/34	€ 116,00	34 mm	321 mm	78 mm	4
A208B/35	€ 121,00	35 mm	321 mm	78 mm	4
A208B/36	€ 126,00	36 mm	325 mm	79 mm	4
A208B/38	€ 140,00	38 mm	329 mm	81 mm	4
A208B/40	€ 152,00	40 mm	329 mm	81 mm	4

A212-

MACHINE REAMER

DIN 212 / B, ground for H7 couplings. Right-hand cut, left-hand helical cutting edges, cylindrical attachment. They can be used mainly for through holes but thanks to the short mouth it is also possible to bore blind holes





Box | HSS | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

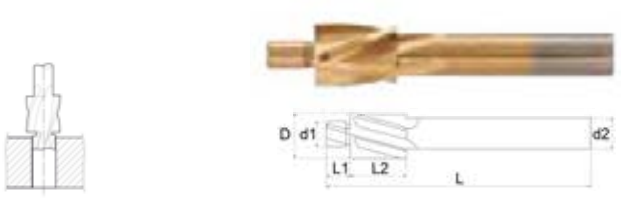
Art.	€	øH7	L	l	d h9	Z
A212/02.00	€ 20,20	2 mm	49 mm	11 mm	2 mm	4
A212/02.50	€ 20,20	2,5 mm	57 mm	14 mm	2.5 mm	4
A212/03.00	€ 20,20	3 mm	61 mm	15 mm	3 mm	4
A212/03.50	€ 20,20	3,5 mm	70 mm	18 mm	3,5 mm	6
A212/04.00	€ 13,50	4 mm	75 mm	19 mm	4 mm	6
A212/04.50	€ 13,50	4,5 mm	80 mm	21 mm	4,5 mm	6
A212/05.00	€ 13,50	5 mm	86 mm	23 mm	5 mm	6
A212/05.50	€ 13,50	5,5 mm	93 mm	26 mm	5,5 mm	6
A212/06.00	€ 13,50	6 mm	93 mm	26 mm	6 mm	6
A212/06.50	€ 17,10	6,5 mm	101 mm	28 mm	6,5 mm	6
A212/07.00	€ 17,10	7 mm	109 mm	31 mm	7 mm	6
A212/07.50	€ 17,10	7,5 mm	109 mm	31 mm	7 mm	6
A212/08.00	€ 17,10	8 mm	117 mm	33 mm	8 mm	6
A212/08.50	€ 21,30	8,5 mm	117 mm	33 mm	8 mm	6
A212/09.00	€ 21,30	9 mm	125 mm	36 mm	9 mm	6
A212/09.50	€ 21,30	9,5 mm	125 mm	36 mm	9 mm	6
A212/10.00	€ 21,30	10 mm	133 mm	38 mm	10 mm	6
A212/11.00	€ 24,30	11 mm	142 mm	41 mm	10 mm	6
A212/12.00	€ 33,20	12 mm	151 mm	44 mm	10 mm	6
A212/13.00	€ 33,20	13 mm	151 mm	44 mm	10 mm	6
A212/14.00	€ 40,10	14 mm	160 mm	47 mm	12 mm	6
A212/15.00	€ 40,10	15 mm	162 mm	50 mm	12 mm	8
A212/16.00	€ 40,10	16 mm	170 mm	52 mm	12 mm	8



L018-

SOLID CAP SCREW COUNTER BORE BEFORE THREAD GRADE

DIN 373, for pre-drilled threads



HSS | TiN

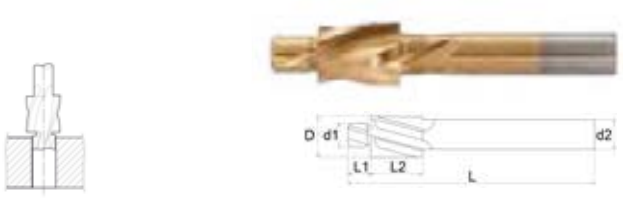
Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L018/03	€ 12,40	M3	6 mm	2,5 mm	5 mm	4 mm	14 mm	71 mm
L018/04	€ 12,40	M4	8 mm	3,3 mm	5 mm	5 mm	14 mm	71 mm
L018/05	€ 12,40	M5	10 mm	4,2 mm	8 mm	6 mm	18 mm	80 mm
L018/06	€ 12,80	M6	11 mm	5,0 mm	8 mm	7 mm	18 mm	80 mm
L018/08	€ 20,80	M8	15 mm	6,8 mm	12,5 mm	9 mm	22 mm	100 mm
L018/10	€ 24,70	M10	18 mm	8,5 mm	12,5 mm	14 mm	22 mm	100 mm
L018/12	€ 26,70	M12	20 mm	10,2 mm	12,5 mm	14 mm	22 mm	100 mm

L019-

SOLID CAP SCREW COUNTER BORE FINE GRADE

DIN 373, for through holes for the execution of precision screws or bolts



HSS | TiN

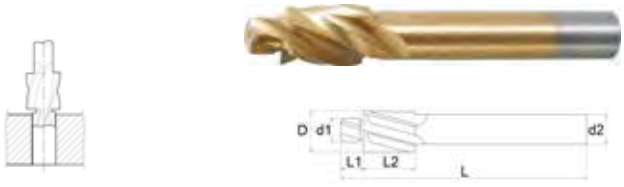
Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L019/03	€ 12,40	M3	6 mm	3,2 mm	5 mm	4 mm	14 mm	71 mm
L019/04	€ 12,40	M4	8 mm	4,3 mm	5 mm	5 mm	14 mm	71 mm
L019/05	€ 12,40	M5	10 mm	5,3 mm	8 mm	6 mm	18 mm	80 mm
L019/06	€ 12,80	M6	11 mm	6,4 mm	8 mm	7 mm	18 mm	80 mm
L019/08	€ 20,80	M8	15 mm	8,4 mm	12,5 mm	9 mm	22 mm	100 mm
L019/10	€ 24,70	M10	18 mm	10,5 mm	12,5 mm	14 mm	22 mm	100 mm
L019/12	€ 26,70	M12	20 mm	13,0 mm	12,5 mm	14 mm	22 mm	100 mm

L020-

COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK MEDIUM TYPE

DIN 373, for through holes



HSS | TiN

Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L020/03	€ 13,50	M 3	6 mm	3,4 mm	5 mm	4 mm	14 mm	71 mm
L020/04	€ 14,60	M 4	8 mm	4,5 mm	5 mm	5 mm	14 mm	71 mm
L020/05	€ 15,80	M 5	10 mm	5,5 mm	8 mm	6 mm	18 mm	80 mm
L020/06	€ 16,60	M 6	11 mm	6,6 mm	8 mm	7 mm	18 mm	80 mm
L020/08	€ 25,30	M 8	15 mm	9 mm	12,5 mm	9 mm	22 mm	100 mm
L020/10	€ 28,70	M 10	18 mm	11 mm	12,5 mm	14 mm	22 mm	100 mm
L020/12	€ 32,30	M 12	20 mm	13,5 mm	12,5 mm	14 mm	22 mm	100 mm

L018S € 84,10

SOLID CAP SCREW COUNTER BORE SET BEFORE THREAD

DIN 373, for pre-drilled threads



6 Pcs | Hangable | HSS

TiN

External | Steel

For screws M3, M4, M5, M6, M8, M10, M12

L019S € 84,10

SOLID CAP SCREW COUNTER BORE SET FINE GRADE

DIN 373, for through holes for the execution of precision screws or bolts



6 Pcs | Hangable | HSS

TiN

External | Steel

For screws M3, M4, M5, M6, M8, M10, M12

L020S € 84,10

SOLID CAP SCREW COUNTER BORE SET MEDIUM GRADE

DIN 373, for through holes



6 Pcs | Hangable | HSS

TiN

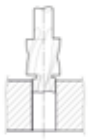
External | Steel

For screws M3, M4, M5, M6, M8, M10

L020 — € 98,70

7 PCS COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK

DIN 373, for through holes





7 Pcs · Hangable · HSS · TiN · External · Steel

For screws	M3, M4, M5, M6, M8, M10, M12

S001 — € 93,10

90° THREE FLUTES COUNTERSINK SET

DIN 335C, with ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





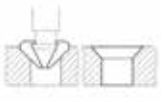
5 Pcs · Hangable · HSS · TiN · 90° · External

ø max	8 - 10 - 12,4 - 16,5 - 20,5 mm

S026/06-20S — € 60,20

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations.





6 Pcs · Hangable · HSS M2 · 90° · Steel · Aluminum

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

S0X

90° THREE FLUTES COUNTERSINK

DIN 335C, with ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





Box · HSS · TiN · 90° · External · Steel

Art.	€	ø max	Screws M	Stem
S006	€ 10,20	6,3 mm	3	Ø 5 mm
S010	€ 12,00	10,4 mm	5	Ø 6 mm
S012	€ 13,80	12,4 mm	6	Ø 8 mm
S016	€ 17,90	16,5 mm	8	Ø 10 mm
S020	€ 21,90	20,5 mm	10	Ø 10 mm
S025	€ 26,20	25 mm	12	Ø 10 mm
S028	€ 33,10	28 mm	14	Ø 12 mm
S031	€ 35,50	31 mm	16	Ø 12 mm
S040	€ 60,00	40 mm	--	Ø 15 mm

S026-

COUNTERSINK WITH HEX SHANK

To perform conical countersinks without vibrations.





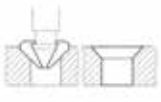
Box · HSS M2 · 90° · Steel · Aluminum · Non-ferr. alloys

Art.	€	ø	Total length	Shank dimensions
S026/06	€ 9,40	6,3 mm	31 mm	1/4" HEX x 25 mm
S026/08	€ 9,40	8,3 mm	31 mm	1/4" HEX x 25 mm
S026/10	€ 10,30	10,4 mm	34 mm	1/4" HEX x 25 mm
S026/12	€ 10,80	12,4 mm	35 mm	1/4" HEX x 25 mm
S026/16	€ 11,80	16,5 mm	40 mm	1/4" HEX x 25 mm
S026/20	€ 13,70	20,5 mm	41 mm	1/4" HEX x 25 mm

S026/06-20SM — € 73,40

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations. With handle and magnetic extension.





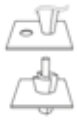
8 Pcs · Hangable · HSS M2 · 90° · Steel · Aluminum

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

A014-

TAPER DRILL

With cilindrical shank





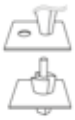
Box | HSS M2 | TiN | Steel | Aluminum | Non-ferr. alloys

Art.	€	ø	Total length
A014/03-14	€ 12,50	3 - 14 mm	58 mm
A014/06-20	€ 21,60	6 - 20 mm	63 mm
A014/16-30	€ 38,60	16 - 30,5 mm	72 mm
A014/26-40	€ 71,50	26 - 40 mm	86 mm
A014/36-50	€ 95,90	36 - 50 mm	89 mm
A014/40-61	€ 160,00	40 - 61 mm	94 mm
A014/03-31	€ 45,10	3 - 31 mm	104 mm
A014/03-22	€ 26,80	3 - 22,5 mm	76 mm

A014/03-30S € 81,30

TAPER DRILLS SET

With cilindrical shank





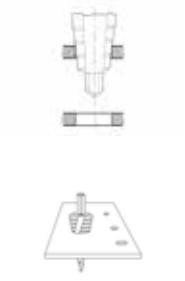
3 Pcs | Hangable | HSS M2 | TiN | Steel | Aluminum

Sizes	3-14 - 6-20 - 16-30,5 mm

F639 € 78,60

STEP DRILL BITS

For creating and enlarging holes in sheet metal





Box | HSS | TiN | Steel | Aluminum | Non-ferr. alloys

Stem	10 mm
ø	6 ÷ 39 (6-9-12-15-18-21-24-27-30-33-36-39) mm

F430 € 74,40

STEP DRILL BITS SET

For creating and enlarging holes in sheet metal





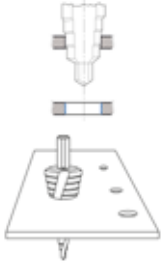
3 Pcs | Hangable | HSS | TiN | Steel | Aluminum

Stem	6 - 8 - 10 mm
ø	4 ÷ 12 - 6 ÷ 20 - 6 ÷ 30 mm

F23X

STEP DRILL BITS

For creating and enlarging holes in sheet metal, with interchangeable point.





Box | HSS | TiN | Steel | Aluminum | Non-ferr. alloys

Art.	€	Stem	ø
F232	€ 72,40	10 mm	2,5 ÷ 32 (2,5-6,3-11,2-14,5-18,2-22,3-27,9-32) mm
F238	€ 77,50	10 mm	2,5 ÷ 38 (2,5-6,3-13-16-19-21-23-26-29-32-35-38) mm

F025 € 6,50

SPARE PART POINT

Suitable with F232 F238



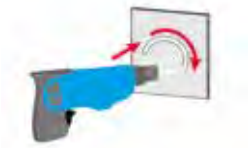
Box | HSS

Stem	4 mm
Spare part point	Ø 2,5 mm

P037-

MILLING DRILLS

For drilling and milling of thin materials





HSS | TiN

Hangable | Steel | Aluminum

Art.	€	ø	Stem	Total length
P037/6	€ 2,71	6 mm	6 mm	90 mm
P037/8	€ 4,06	8 mm	8 mm	90 mm

P036- PRO

SPOT DRILLS

DIN 1897/N, to remove welding spots and to drill metal sheets in general





HSS CO 5%

Hangable | Steel | Emulsion | Mill

Art.	€	ø	Total length
P036/06	€ 5,90	6 mm	66 mm
P036/07	€ 8,40	7 mm	74 mm
P036/08	€ 8,90	8 mm	79 mm
P036/10	€ 9,90	10 mm	89 mm

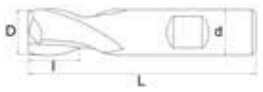
F005-

2 FLUTE STRAIGHT SHANK END MILL

DIN 327/D, for finish, cylindrical shank, weldon connection, normal series

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F005/03	€ 7,50	3 mm	6 mm	5 mm	2	49 mm
F005/04	€ 7,80	4 mm	6 mm	7 mm	2	51 mm
F005/05	€ 8,80	5 mm	6 mm	8 mm	2	52 mm
F005/06	€ 9,00	6 mm	6 mm	8 mm	2	52 mm
F005/08	€ 10,80	8 mm	10 mm	11 mm	2	61 mm
F005/10	€ 10,90	10 mm	10 mm	13 mm	2	63 mm
F005/12	€ 12,70	12 mm	12 mm	16 mm	2	73 mm

Art.	€	D	d	l	Z	L
F005/14	€ 17,00	14 mm	12 mm	16 mm	2	73 mm
F005/16	€ 25,20	16 mm	16 mm	19 mm	2	79 mm
F005/18	€ 26,20	18 mm	16 mm	19 mm	2	79 mm
F005/20	€ 35,50	20 mm	20 mm	22 mm	2	88 mm
F005/22	€ 44,00	22 mm	20 mm	22 mm	2	88 mm
F005/24	€ 49,90	24 mm	20 mm	26 mm	2	92 mm
F005/25	€ 54,00	25 mm	20 mm	26 mm	2	92 mm

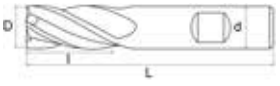
F006-

4 FLUTE STRAIGHT SHANK END MILL

DIN 844 for finish, cylindrical shank, weldon connection, normal series

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F006/03	€ 7,80	3 mm	6 mm	8 mm	4	52 mm
F006/04	€ 7,80	4 mm	6 mm	11 mm	4	55 mm
F006/05	€ 8,90	5 mm	6 mm	13 mm	4	57 mm
F006/06	€ 9,00	6 mm	6 mm	13 mm	4	57 mm
F006/08	€ 11,30	8 mm	10 mm	19 mm	4	69 mm
F006/10	€ 11,90	10 mm	10 mm	22 mm	4	72 mm

Art.	€	D	d	l	Z	L
F006/12	€ 15,40	12 mm	12 mm	26 mm	4	83 mm
F006/14	€ 15,40	14 mm	12 mm	26 mm	4	83 mm
F006/16	€ 22,60	16 mm	16 mm	32 mm	4	92 mm
F006/18	€ 22,80	18 mm	16 mm	32 mm	4	92 mm
F006/20	€ 31,90	20 mm	20 mm	38 mm	4	104 mm

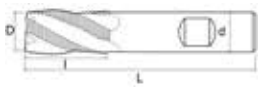
F007-

4 FLUTE STRAIGHT SHANK ROUGHING END MILL

DIN 844/B, regular length weldon shank center cutting.

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F007/06	€ 12,70	6 mm	6 mm	13 mm	4	57 mm
F007/07	€ 12,70	7 mm	10 mm	16 mm	4	66 mm
F007/08	€ 14,00	8 mm	10 mm	19 mm	4	69 mm
F007/09	€ 16,30	9 mm	10 mm	19 mm	4	69 mm
F007/10	€ 16,30	10 mm	10 mm	22 mm	4	72 mm
F007/11	€ 16,30	11 mm	12 mm	22 mm	4	76 mm
F007/12	€ 16,30	12 mm	12 mm	26 mm	4	83 mm
F007/13	€ 17,50	13 mm	12 mm	26 mm	4	83 mm

Art.	€	D	d	l	Z	L
F007/14	€ 17,50	14 mm	12 mm	26 mm	4	83 mm
F007/15	€ 22,10	15 mm	12 mm	26 mm	4	83 mm
F007/16	€ 22,10	16 mm	16 mm	32 mm	4	92 mm
F007/18	€ 30,30	18 mm	16 mm	32 mm	4	92 mm
F007/20	€ 41,10	20 mm	20 mm	38 mm	4	104 mm
F007/22	€ 47,10	22 mm	20 mm	38 mm	4	104 mm
F007/25	€ 52,10	25 mm	25 mm	45 mm	4	121 mm

F001/10 — € 228,00

SET FRONTAL ROUGHING END MILLS

DIN 844/B, regular length, center cutting, weldon shank.





10 Pcs | Wooden Box | External | Steel

Mill	Ø 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 mm
Stem	Ø 6 | 10 | 10 | 12 | 12 | 16 | 16 | 20 | 20 | 25 mm

F001/20 — € 228,00

SET END MILLS

DIN 844/B and DIN 327/D, two and four flute, regular length, weldon shank, center cutting.



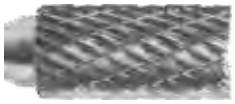
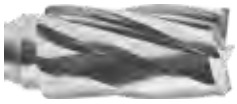


20 Pcs | Wooden Box | External | Steel

2 Flute mill	Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm
Stem	Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 -16 - 20 mm
4 Flute mill	Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm
Stem	Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 - 16 - 20 mm

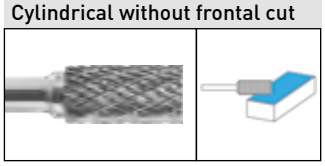


HARD METAL ROTARY MILLING MACHINES

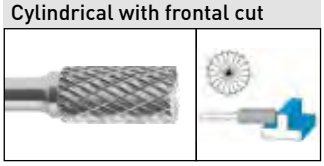
Cut type	Representation	Description
Standard Cut		Suitable for cutting steel, hardened steel, cast iron, weld seams and metal materials in general.
Cross cut		Suitable for treated steel, stainless steel, metal materials in general. Thanks to this type of cut, vibrations are considerably reduced.
Aluminium cutting		Suitable for aluminium, magnesium, plastics and hard rubber.

TYPOLOGIES OF SHAPES AND THEIR USE

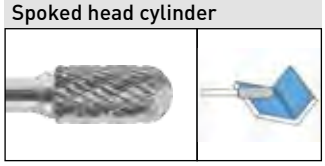
Cylindrical without frontal cut



Cylindrical with frontal cut



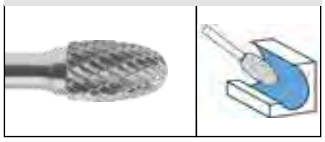
Spoked head cylinder



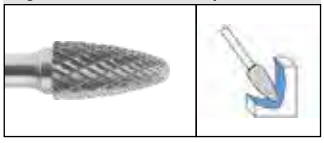
Spherical



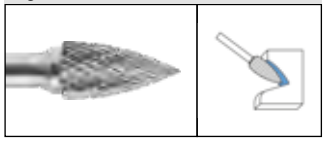
Oval



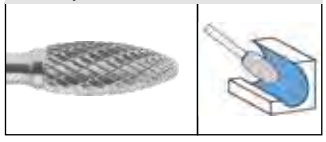
Ogive with rounded tip



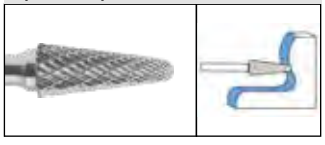
Ogive



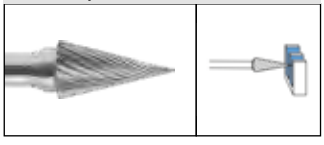
With spoked lance



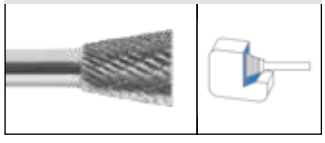
Spoked tip conical



Conical pointed



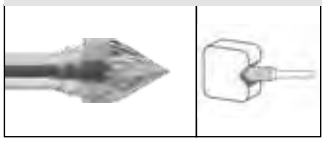
Conical Trunk



90° conical

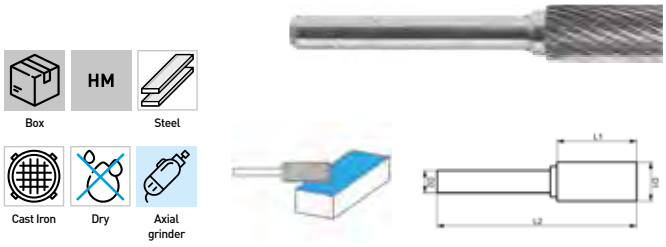


60° conical



AXSC

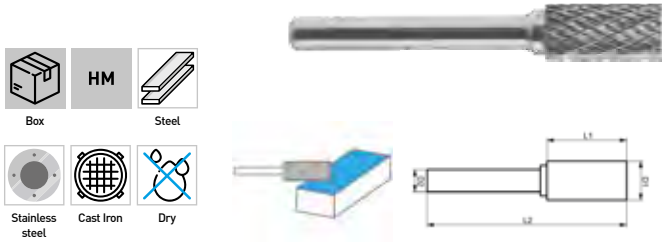
SINGLE CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
A02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
A06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
A08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
A10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
A12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
A16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

AXDC

DIAMOND CUT ROTARY BURRS

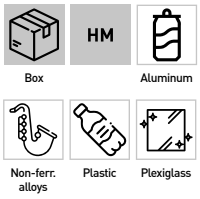


Art.	€	D1	L1	D2	L2
A02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
A06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
A08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
A10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
A12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
A16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

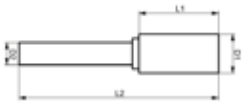
A12AL6 — € 29,20

ROTARY BURRS FOR ALUMINIUM







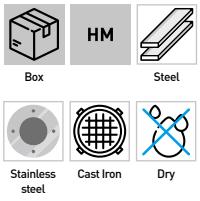


D1	ø12 mm
L1	25 mm
D2	6 mm
L2	70 mm

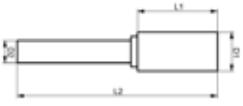
BXDC

DIAMOND CUT ROTARY BURRS







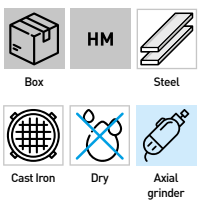


Art.	€	D1	L1	D2	L2
B02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
B03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
B04DC3	€ 9,40	ø4 mm	13 mm	3 mm	41 mm
B04DC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
B06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
B08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
B10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
B12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
B16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
B19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm
B22DC6	€ 88,10	ø22 mm	25 mm	6 mm	70 mm
B25DC6	€ 102,00	ø25 mm	25 mm	6 mm	70 mm

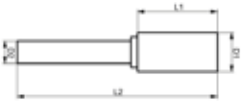
BXSCXL

SINGLE CUT LONG ROTARY BURRS







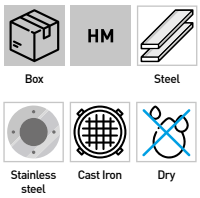


Art.	€	D1	L1	D2	L2
B02SC3L	€ 5,80	ø2 mm	10 mm	3 mm	65 mm
B03SC3L	€ 5,80	ø3 mm	13 mm	3 mm	65 mm
B08SC6L	€ 17,80	ø8 mm	20 mm	6 mm	120 mm
B10SC6L	€ 22,30	ø10 mm	20 mm	6 mm	120 mm
B12SC6L	€ 27,20	ø12 mm	25 mm	6 mm	120 mm

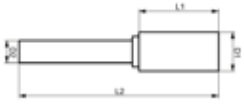
BXSC

SINGLE CUT ROTARY BURRS







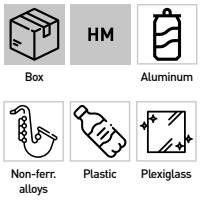


Art.	€	D1	L1	D2	L2
B02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
B03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
B04SC3	€ 9,40	ø4 mm	13 mm	3 mm	41 mm
B04SC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
B06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
B08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
B10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
B12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
B16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

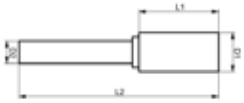
BXAL

ROTARY BURRS FOR ALUMINIUM







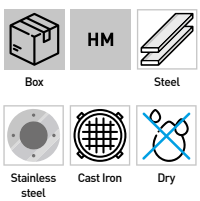


Art.	€	D1	L1	D2	L2
B06AL6	€ 14,40	ø6 mm	16 mm	6 mm	61 mm
B08AL6	€ 16,40	ø8 mm	20 mm	6 mm	65 mm
B10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
B12AL6	€ 28,70	ø12 mm	25 mm	6 mm	70 mm

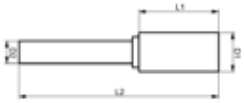
BXDCXL

CARBIDE ROTARY BURRS









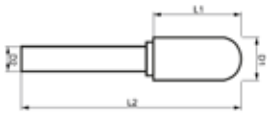
Art.	€	D1	L1	D2	L2
B02DC3L	€ 5,80	ø2 mm	10 mm	3 mm	65 mm
B03DC3L	€ 5,80	ø3 mm	13 mm	3 mm	65 mm
B08DC6L	€ 17,80	ø8 mm	20 mm	6 mm	120 mm
B10DC6L	€ 22,30	ø10 mm	20 mm	6 mm	120 mm
B12DC6L	€ 27,20	ø12 mm	25 mm	6 mm	120 mm

CXSC

SINGLE CUT ROTARY BURRS



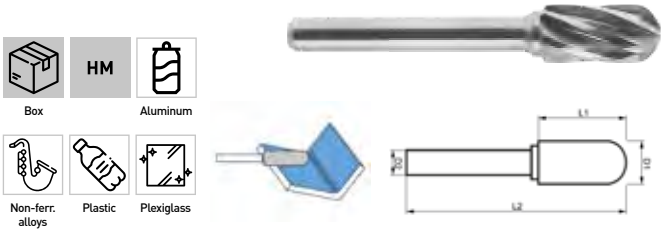




Art.	€	D1	L1	D2	L2
C02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
C03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
C04SC3	€ 9,40	ø4 mm	13 mm	3 mm	58 mm
C04SC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
C06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
C08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
C10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
C12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
C16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

CXAL

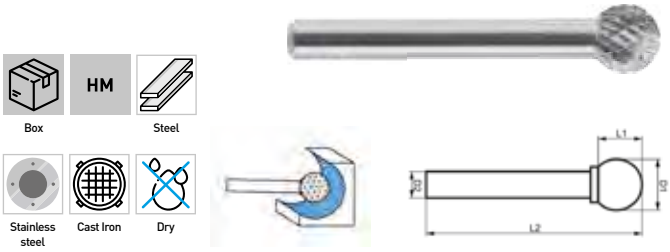
ROTARY BURRS FOR ALUMINIUM



Art.	€	D1	L1	D2	L2
C06AL6	€ 13,90	ø6 mm	16 mm	6 mm	61 mm
C08AL6	€ 16,40	ø8 mm	20 mm	6 mm	65 mm
C10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
C12AL6	€ 28,70	ø12 mm	25 mm	6 mm	70 mm

DXDC

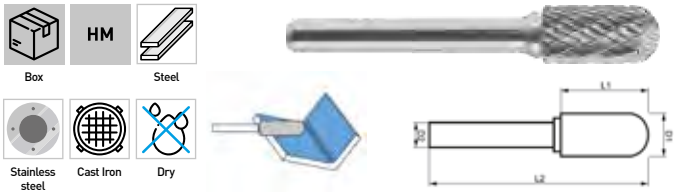
DIAMOND CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
D03DC3	€ 4,45	ø3 mm	2.7 mm	3 mm	38 mm
D04DC6	€ 9,90	ø4 mm	3.6 mm	6 mm	38 mm
D06DC6	€ 9,90	ø6 mm	5.4 mm	6 mm	50 mm
D08DC6	€ 10,90	ø8 mm	7.2 mm	6 mm	52 mm
D10DC6	€ 14,40	ø10 mm	9 mm	6 mm	54 mm
D12DC6	€ 20,30	ø12 mm	10.8 mm	6 mm	56 mm
D16DC6	€ 27,70	ø16 mm	14.4 mm	6 mm	60 mm
D19DC6	€ 57,40	ø19 mm	17.4 mm	6 mm	64 mm

CXDC

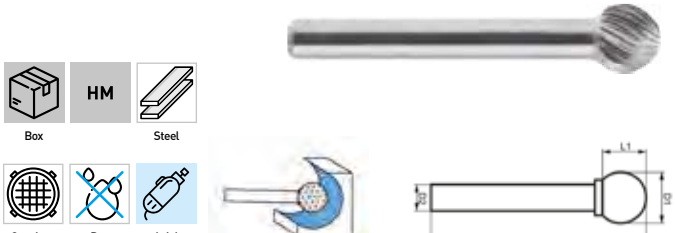
DIAMOND CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
C02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
C03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
C04DC3	€ 9,40	ø4 mm	13 mm	3 mm	38 mm
C04DC6	€ 9,90	ø4 mm	13 mm	6 mm	38 mm
C06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
C08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
C10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
C12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
C16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
C19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm
C22DC6	€ 88,10	ø22 mm	25 mm	6 mm	70 mm
C25DC6	€ 102,00	ø25 mm	25 mm	6 mm	70 mm

DXSC

SINGLE CUT ROTARY BURRS

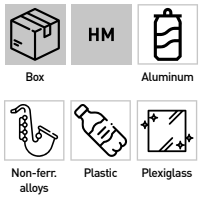


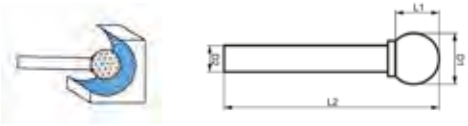
Art.	€	D1	L1	D2	L2
D03SC3	€ 4,45	ø3 mm	2.7 mm	3 mm	38 mm
D04SC6	€ 9,90	ø4 mm	3.6 mm	6 mm	38 mm
D06SC6	€ 9,90	ø6 mm	5.4 mm	6 mm	50 mm
D08SC6	€ 10,90	ø8 mm	7.2 mm	6 mm	52 mm
D10SC6	€ 14,40	ø10 mm	9 mm	6 mm	54 mm
D12SC6	€ 20,30	ø12 mm	10.8 mm	6 mm	56 mm
D16SC6	€ 27,70	ø16 mm	14.4 mm	6 mm	60 mm

DXAL

ROTARY BURRS FOR ALUMINIUM







Art.	€	D1	L1	D2	L2
D06AL6	€ 11,40	ø6 mm	5.4 mm	6 mm	50 mm
D08AL6	€ 11,90	ø8 mm	7.2 mm	6 mm	52 mm
D10AL6	€ 16,90	ø10 mm	9 mm	6 mm	54 mm

EXSC
SINGLE CUT ROTARY BURRS



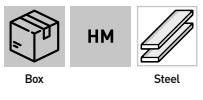


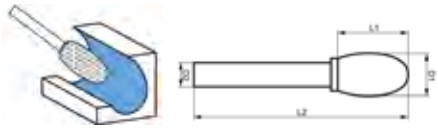


Art.	€	D1	L1	D2	L2
E08SC6	€ 13,90	ø8 mm	13 mm	6 mm	58 mm
E10SC6	€ 17,30	ø10 mm	16 mm	6 mm	61 mm
E12SC6	€ 25,30	ø12 mm	20 mm	6 mm	65 mm
E16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

EXDC
DIAMOND CUT ROTARY BURRS





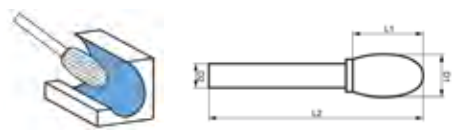


Art.	€	D1	L1	D2	L2
E08DC6	€ 13,90	ø8 mm	13 mm	6 mm	58 mm
E10DC6	€ 17,30	ø10 mm	16 mm	6 mm	61 mm
E12DC6	€ 25,30	ø12 mm	20 mm	6 mm	65 mm
E16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

EXAL
ROTARY BURRS FOR ALUMINIUM



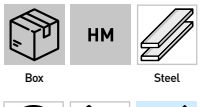




Art.	€	D1	L1	D2	L2
E10AL6	€ 19,80	10 mm	16 mm	6 mm	61 mm
E12AL6	€ 29,20	12 mm	20 mm	6 mm	65 mm

FXSC
SINGLE CUT ROTARY BURRS







Art.	€	D1	D2	L1	L2
F03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
F06SC6	€ 12,40	ø6 mm	18 mm	6 mm	63 mm
F08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
F10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
F12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

FXDC
DIAMOND CUT ROTARY BURRS



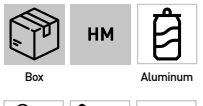




Art.	€	D1	D2	L1	L2
F03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
F06DC6	€ 12,40	ø6 mm	18 mm	6 mm	63 mm
F08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
F10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
F12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
F16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
F19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm

FXAL
ROTARY BURRS FOR ALUMINIUM







Art.	€	D1	L1	D2	L2
F10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
F12AL6	€ 29,20	ø12 mm	25 mm	6 mm	70 mm

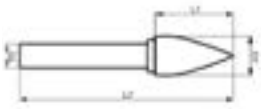
GXSC
SINGLE CUT ROTARY BURRS



Box | HM | Steel

Cast Iron | Dry | Axial grinder





Art.	€	D1	L1	D2	L2
G03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
G06SC6	€ 12,40	ø6 mm	18 mm	6 mm	65 mm
G10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
G12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

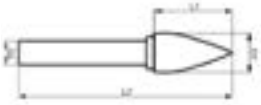
GXDC
DIAMOND CUT ROTARY BURRS



Box | HM | Steel

Stainless steel | Cast Iron | Dry





Art.	€	D1	L1	D2	L2
G03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
G06DC6	€ 12,40	ø6 mm	18 mm	6 mm	65 mm
G10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
G12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
G16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
G19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm

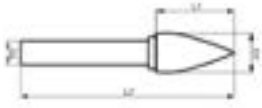
GXAL
ROTARY BURRS FOR ALUMINIUM



Box | HM | Aluminum

Non-ferr. alloys | Plastic | Plexiglass





Art.	€	D1	L1	D2	L2
G10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
G12AL6	€ 29,20	ø12 mm	25 mm	6 mm	70 mm

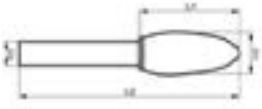
HXSC
SINGLE CUT ROTARY BURRS



Box | HM | Steel

Cast Iron | Dry | Axial grinder





Art.	€	D1	L1	D2	L2
H08SC6	€ 13,40	ø8 mm	20 mm	6 mm	65 mm
H10SC6	€ 15,30	ø10 mm	25 mm	6 mm	70 mm
H12SC6	€ 28,70	ø12 mm	32 mm	6 mm	77 mm

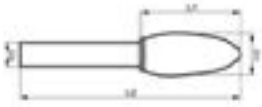
HXDC
DIAMOND CUT ROTARY BURRS



Box | HM | Steel

Stainless steel | Cast Iron | Dry





Art.	€	D1	D2	L1	L2
H06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
H08DC6	€ 13,40	ø8 mm	20 mm	6 mm	65 mm
H10DC6	€ 15,30	ø10 mm	25 mm	6 mm	70 mm
H12DC6	€ 28,70	ø12 mm	32 mm	6 mm	77 mm

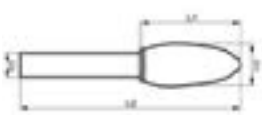
HXAL
ROTARY BURRS FOR ALUMINIUM



Box | HM | Aluminum

Non-ferr. alloys | Plastic | Plexiglass



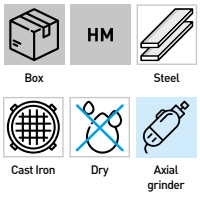


Art.	€	D1	D2	L1	L2
H08AL6	€ 15,30	ø8 mm	20 mm	6 mm	65 mm
H10AL6	€ 19,80	ø10 mm	25 mm	6 mm	70 mm
H12AL6	€ 33,60	ø12 mm	32 mm	6 mm	77 mm

LXSC

SINGLE CUT ROTARY BURRS





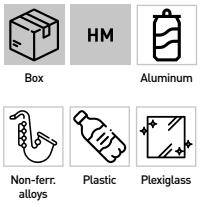


Art.	€	D1	L1	D2	L2
L03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
L06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm

L10AL6 € 19,80

ROTARY BURRS FOR ALUMINIUM





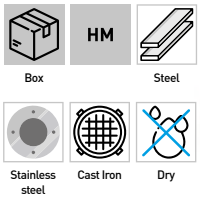


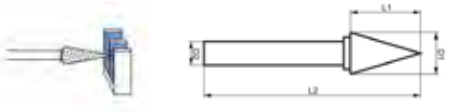
D1	ø10 mm
L1	25 mm
D2	6 mm
L2	70 mm

MXDC

DIAMOND CUT ROTARY BURRS





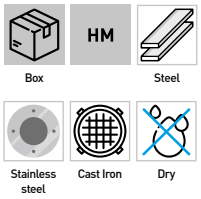


Art.	€	D1	L1	D2	L2
M03DC3	€ 4,45	ø3 mm	11 mm	3 mm	38 mm
M03DC6	€ 8,30	ø3 mm	11 mm	6 mm	38 mm
M06DC6	€ 12,40	ø6 mm	18 mm	6 mm	60 mm
M08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
M10DC6	€ 17,80	ø10 mm	20 mm	6 mm	65 mm
M12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
M16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

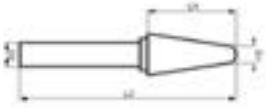
LXDC

DIAMOND CUT ROTARY BURRS







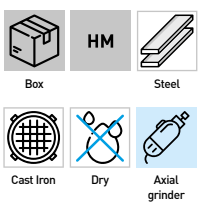


Art.	€	D1	L1	D2	L2
L03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
L06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
L08DC6	€ 14,80	ø8 mm	22 mm	6 mm	65 mm
L10DC6	€ 18,80	ø10 mm	25 mm	6 mm	70 mm
L12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

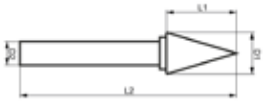
MXSC

SINGLE CUT ROTARY BURRS







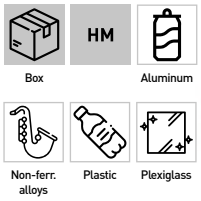


Art.	€	D1	L1	D2	L2
M08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
M10SC6	€ 17,80	ø10 mm	20 mm	6 mm	65 mm
M12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

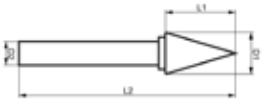
M10AL6 € 18,80

ROTARY BURRS FOR ALUMINIUM









D1	ø10 mm
L1	20 mm
D2	6 mm
L2	65 mm

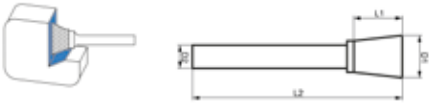
NXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
N12SC6	€ 25,30	ø12 mm	13 mm	6 mm	58 mm
N16SC6	€ 35,60	ø16 mm	16 mm	6 mm	58 mm

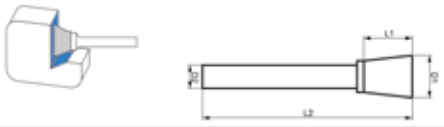
N12DC6 € 25,30

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



D1	ø12 mm
L1	13 mm
D2	6 mm
L2	58 mm

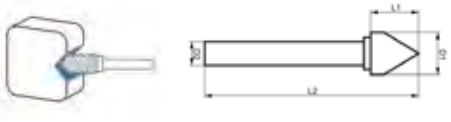
JXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
J03SC3	€ 4,45	ø3 mm	2.5 mm	3 mm	38 mm
J06SC6	€ 12,40	ø6 mm	5.2 mm	6 mm	54 mm
J10SC6	€ 17,30	ø10 mm	8 mm	6 mm	58 mm
J16SC6	€ 39,50	ø16 mm	13 mm	6 mm	62 mm

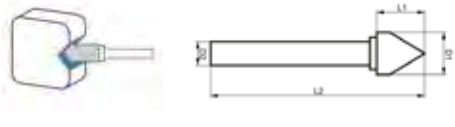
JXDC

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



Art.	€	D1	L1	D2	L2
J03DC3	€ 4,45	ø3 mm	2.5 mm	3 mm	38 mm
J06DC6	€ 12,40	ø6 mm	5.2 mm	6 mm	54 mm
J10DC6	€ 17,30	ø10 mm	8 mm	6 mm	58 mm
J16DC6	€ 39,50	ø16 mm	13 mm	6 mm	62 mm

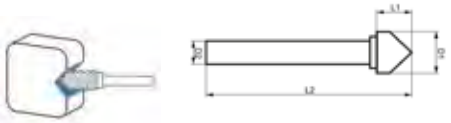
KXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
K10SC6	€ 17,30	ø10 mm	5 mm	6 mm	54 mm
K16SC6	€ 35,60	ø16 mm	8 mm	6 mm	58 mm

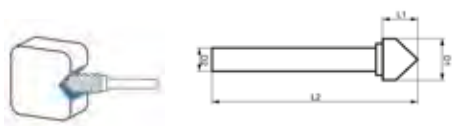
KXDC

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



Art.	€	D1	L1	D2	L2
K10DC6	€ 17,30	ø10 mm	5 mm	6 mm	54 mm
K16DC6	€ 35,60	ø16 mm	8 mm	6 mm	58 mm

F008DC — € 64,30

HARD METAL ROTARY BURR SET

With diamond cut.



5 Pcs | Box | HM | Steel | Stainless steel | Cast Iron

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008SC — € 64,30

HARD METAL ROTARY BURR SET

With single cut.



5 Pcs | Box | HM | Steel | Cast Iron | Dry

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008-

CARBIDE ROTARY FILE SET

Cross cut



Box | HM | Steel | Stainless steel | Cast Iron

Art.	€	Stem
F008/3	**€ 60,00**	Ø 3 mm
F008/6	**€ 102,00**	Ø 6 mm

C003-

DISC TYPE GEAR SHAPER CUTTER

DIN 1829, nominal ø 100 mm hole 44,45 mm 20° angle pressure class a.



Box | HSS | TiN | External | Steel | Aluminum | Non-ferr. alloys | Oil

Art.	€	Module	ø max	ø d0	Height b1	Teeth
C003/1	€ 328,00	1,00	102 mm	100 mm	16 mm	100
C003/1.25	€ 328,00	1,25	105 mm	100 mm	16 mm	80
C003/1.50	€ 356,00	1,50	107 mm	102 mm	18 mm	68
C003/1.75	€ 385,00	1,75	107,4 mm	101,5 mm	20 mm	58
C003/2	€ 385,00	2,00	107,31 mm	100 mm	20 mm	50
C003/2.25	€ 385,00	2,25	109,29 mm	101,25 mm	20 mm	45
C003/2.50	€ 440,00	2,50	108,46 mm	100 mm	20 mm	40
C003/2.75	€ 440,00	2,75	108,36 mm	99 mm	24 mm	36
C003/3	€ 440,00	3,00	111,82 mm	99 mm	24 mm	33
C003/3.25	€ 483,00	3,25	110,99 mm	99 mm	24 mm	31
C003/3.50	€ 483,00	3,50	108,72 mm	101,5 mm	24 mm	29
C003/3.75	€ 483,00	3,75	112,35 mm	101,5 mm	24 mm	27
C003/4	€ 483,00	4,00	111,75 mm	100 mm	24 mm	25
C003/4.25	€ 514,00	4,25	114,12 mm	102 mm	24 mm	24
C003/4.50	€ 514,00	4,50	111,65 mm	99 mm	24 mm	22
C003/5	€ 524,00	5,00	114,05 mm	100 mm	24 mm	20
C003/5.50	€ 556,00	5,50	119,96 mm	99 mm	24 mm	18
C003/6	€ 556,00	6,00	118,86 mm	102 mm	24 mm	17
C003/6.50	€ 697,00	6,50	122,5 mm	112 mm	24 mm	16
C003/7	€ 811,00	7,00	127 mm	105 mm	24 mm	15
C003/8	€ 911,00	8,00	135 mm	112 mm	24 mm	14
C003/10	€ 1250,00	10,00	168 mm	140 mm	24 mm	14

C001-

GEAR HOB 20° PRESSURE ANGLE

DIN 8002/B, ground profile class a.



Box | HSS | TiN | External | Steel | Aluminum | Non-ferr. alloys | Oil | Mill

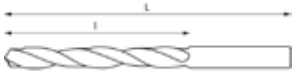
Art.	€	Module	Diameter ø	Length	Hole
C001/1	€ 362,00	1,00	50 mm	31 mm	22 mm
C001/1.25	€ 362,00	1,25	50 mm	31 mm	22 mm
C001/1.50	€ 362,00	1,50	53 mm	50 mm	22 mm
C001/1.75	€ 362,00	1,75	56 mm	38 mm	22 mm
C001/2	€ 373,00	2,00	63 mm	46 mm	27 mm
C001/2.25	€ 431,00	2,25	70 mm	56 mm	27 mm
C001/2.50	€ 431,00	2,50	71 mm	63 mm	27 mm
C001/2.75	€ 431,00	2,75	70 mm	56 mm	27 mm
C001/3	€ 524,00	3,00	80 mm	71 mm	32 mm
C001/3.25	€ 611,00	3,25	80 mm	69 mm	32 mm
C001/3.50	€ 636,00	3,50	80 mm	71 mm	32 mm
C001/3.75	€ 729,00	3,75	90 mm	78 mm	32 mm
C001/4	€ 729,00	4,00	90 mm	78 mm	32 mm
C001/4.25	€ 794,00	4,25	90 mm	78 mm	32 mm
C001/4.50	€ 794,00	4,50	90 mm	78 mm	32 mm
C001/5	€ 794,00	5,00	100 mm	88 mm	32 mm
C001/5.50	€ 794,00	5,50	100 mm	88 mm	32 mm
C001/6	€ 1050,00	6,00	110 mm	108 mm	40 mm
C001/6.50	€ 1110,00	6,50	110 mm	109 mm	40 mm
C001/7	€ 1110,00	7,00	110 mm	110 mm	40 mm
C001/8	€ 1750,00	8,00	125 mm	130 mm	40 mm
C001/9	€ 1990,00	9,00	125 mm	140 mm	40 mm
C001/10	€ 2690,00	10,00	140 mm	160 mm	40 mm
C001/12	€ 3860,00	12,00	170 mm	195 mm	50 mm
C001/13	€ 4060,00	13,00	180 mm	210 mm	50 mm

P049-

MASONRY DRILL

DIN 8039, short series, cylindrical attachment, carbide tipped for masonry drill





Box | C45

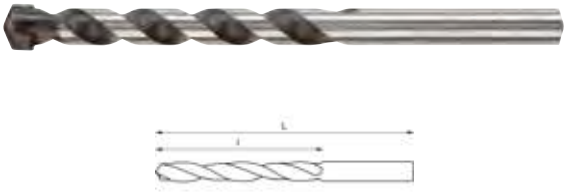
HM | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P049/03	€ 0,41	3 mm	70 mm	40 mm	ø 2,5 mm	10
P049/04	€ 0,43	4 mm	75 mm	40 mm	ø 3,5 mm	10
P049/05	€ 0,47	5 mm	85 mm	40 mm	ø 4,5 mm	10
P049/06	€ 0,53	6 mm	100 mm	55 mm	ø 4,5 mm	10
P049/07	€ 0,76	7 mm	100 mm	55 mm	ø 6,5 mm	10
P049/08	€ 0,83	8 mm	120 mm	70 mm	ø 6,5 mm	10
P049/09	€ 0,97	9 mm	120 mm	70 mm	ø 6,5 mm	10
P049/10	€ 1,10	10 mm	120 mm	70 mm	ø 7 mm	10
P049/11	€ 1,85	11 mm	150 mm	90 mm	ø 7 mm	10
P049/12	€ 1,87	12 mm	150 mm	90 mm	ø 9 mm	10
P049/13	€ 2,11	13 mm	150 mm	90 mm	ø 9 mm	5
P049/14	€ 2,38	14 mm	150 mm	90 mm	ø 11 mm	5
P049/15	€ 3,08	15 mm	150 mm	90 mm	ø 12 mm	5
P049/16	€ 3,11	16 mm	150 mm	90 mm	ø 12 mm	5
P049/18	€ 5,60	18 mm	160 mm	100 mm	ø 13 mm	5
P049/22	€ 8,00	22 mm	160 mm	100 mm	ø 13 mm	5
P049/24	€ 9,50	24 mm	160 mm	100 mm	ø 13 mm	5

P051-

CARBIDE DRILL FOR GRANITE AND MARBLE

DIN 8039, cylindrical attachment, specific for drilling marble and granite with hard metal insert for rotary percussion



Box | C45 | HM | Granite | Marble | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P051/03	€ 2,74	3 mm	70 mm	40 mm	ø 2,5 mm	10
P051/04	€ 2,77	4 mm	75 mm	40 mm	ø 3,5 mm	10
P051/05	€ 3,09	5 mm	85 mm	40 mm	ø 4,5 mm	10
P051/06	€ 3,39	6 mm	100 mm	55 mm	ø 5,5 mm	10
P051/07	€ 3,39	7 mm	100 mm	55 mm	ø 5,5 mm	10
P051/08	€ 3,80	8 mm	120 mm	70 mm	ø 6,5 mm	5
P051/09	€ 4,05	9 mm	120 mm	70 mm	ø 8 mm	5
P051/10	€ 4,72	10 mm	120 mm	70 mm	ø 9 mm	5
P051/12	€ 5,50	12 mm	150 mm	90 mm	ø 10 mm	5
P051/14	€ 7,00	14 mm	150 mm	90 mm	ø 12 mm	5
P051/16	€ 7,90	16 mm	150 mm	90 mm	ø 12 mm	5

P050-

MASONRY DRILL

DIN 8039, long series, cylindrical attachment, carbide tipped for masonry drill





Box | C45

HM | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P050/06	€ 1,99	6 mm	400 mm	240 mm	ø 4,5 mm	5
P050/08	€ 2,32	8 mm	400 mm	240 mm	ø 7 mm	5
P050/09	€ 2,84	9 mm	400 mm	240 mm	ø 7 mm	5
P050/10	€ 3,39	10 mm	400 mm	240 mm	ø 7 mm	5
P050/12	€ 4,72	12 mm	400 mm	240 mm	ø 9 mm	5
P050/14	€ 5,70	14 mm	400 mm	240 mm	ø 10 mm	5
P050/16	€ 6,40	16 mm	400 mm	240 mm	ø 12 mm	5
P050/18	€ 7,80	18 mm	400 mm	240 mm	ø 12,5 mm	5
P050/20	€ 9,90	20 mm	400 mm	240 mm	ø 12,5 mm	5

P063-

CARBIDE TIPPED SDS PLUS SHANK TYPE HAMMER TWIST DRILL

2 edges, with attack sds plus, double helix to facilitate the release of debris, with hard metal insert



Hangable | HM | 40 Cr

SDS PLUS | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	Size	Pack
P063/5110	€ 3,17	5 x 110 mm	10
P063/6110	€ 3,17	6 x 110 mm	10
P063/6160	€ 3,17	6 x 160 mm	10
P063/8110	€ 3,17	8 x 110 mm	10
P063/8160	€ 3,17	8 x 160 mm	10
P063/9160	€ 3,17	9 x 160 mm	10
P063/10160	€ 3,81	10 x 160 mm	10
P063/12160	€ 3,81	12 x 160 mm	10
P063/12300	€ 4,43	12 x 300 mm	10
P063/14160	€ 4,43	14 x 160 mm	10
P063/14300	€ 4,43	14 x 300 mm	10
P063/15160	€ 5,10	15 x 160 mm	10
P063/16160	€ 5,10	16 x 160 mm	10
P063/16300	€ 5,10	16 x 300 mm	10
P063/16450	€ 9,50	16 x 450 mm	5
P063/18160	€ 7,00	18 x 160 mm	5
P063/18300	€ 7,00	18 x 300 mm	5
P063/18450	€ 10,40	18 x 450 mm	5
P063/20160	€ 7,00	20 x 160 mm	5
P063/20450	€ 10,40	20 x 450 mm	5
P063/22450	€ 12,30	22 x 450 mm	5
P063/24450	€ 13,90	24 x 450 mm	5

0332 — € 33,90

CARBIDE TIPPED HAMMER TWIST DRILL AND CHISEL SET

With attack sds plus, consisting of 9 twist drills: Ø4 x 110mm Ø5 x 110mm Ø6 x 110mm Ø5 x 160mm Ø6 x 160mm Ø8 x 160mm Ø9 x 160mm Ø10 x 160mm Ø12 x 160mm, 1 bit holder, 1 flat chisel and 1 point chisel.

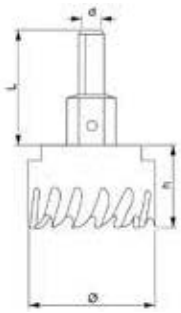


12 Pcs | Carrying case | C45 | HM | SDS PLUS | Bricks | Concrete | Stones | Percussion

P076-

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW

For drilling medium and large holes in the wall





Hangable | HSS | HM | Bricks | Concrete | Ceramic | No Percussion | Portable Drill

Art.	€	ø	d	Thread	Z	L	Boring bit
P076/016	€ 14,40	16 mm	10 mm	M12 x 1.25	2	46 mm	ø6 x 69 mm
P076/022	€ 15,40	22 mm	10 mm	M12 x 1.25	3	46 mm	ø6 x 69 mm
P076/025	€ 19,50	25 mm	10 mm	M12 x 1.25	3	46 mm	ø6 x 69 mm
P076/027	€ 20,60	27 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/030	€ 21,60	30 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/035	€ 22,10	35 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/038	€ 24,60	38 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/040	€ 27,20	40 mm	10 mm	M12 x 1.25	5	46 mm	ø6 x 69 mm
P076/045	€ 29,30	45 mm	10 mm	M12 x 1.25	5	46 mm	ø6 x 69 mm
P076/050	€ 30,80	50 mm	10 mm	M12 x 1.25	6	46 mm	ø6 x 69 mm
P076/055	€ 34,90	55 mm	12 mm	M16 x 1.5	6	46 mm	ø8 x 69 mm
P076/060	€ 37,00	60 mm	12 mm	M16 x 1.5	7	46 mm	ø8 x 69 mm
P076/065	€ 41,00	65 mm	12 mm	M16 x 1.5	7	46 mm	ø8 x 69 mm
P076/070	€ 51,40	70 mm	12 mm	M16 x 1.5	8	46 mm	ø8 x 69 mm
P076/080	€ 58,50	80 mm	12 mm	M16 x 1.5	8	46 mm	ø8 x 69 mm
P076/085	€ 66,30	85 mm	12 mm	M16 x 1.5	9	46 mm	ø8 x 69 mm
P076/090	€ 77,00	90 mm	12 mm	M16 x 1.5	9	46 mm	ø8 x 69 mm
P076/095	€ 78,00	95 mm	12 mm	M16 x 1.5	10	46 mm	ø8 x 69 mm
P076/100	€ 83,70	100 mm	12 mm	M16 x 1.5	11	46 mm	ø8 x 69 mm
P076/110	€ 98,60	110 mm	12 mm	M16 x 1.5	11	46 mm	ø8 x 69 mm
P076/125	€ 109,00	125 mm	12 mm	M16 x 1.5	12	46 mm	ø8 x 69 mm
P076/150	€ 139,00	150 mm	12 mm	M16 x 1.5	15	46 mm	ø8 x 69 mm

P076/006S — € 138,00

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW SET

For drilling medium and large holes in the wall



6 Pcs | Carrying case | HSS | HM

Sizes 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm

P076/008S — € 203,00

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW SET

For drilling medium and large holes in the wall



8 Pcs | Carrying case | HSS | HM

Sizes 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm - 40 mm - 45 mm

P076-GX

ARBOR FOR CARBIDE TIPPED MASONRY CORE DRILLS BIT HOLE SAW

For item P076-



Hangable

Art.	€	d	L	Thread	Sizes
P076/G12	€ 3,60	10 mm	46 mm	M12 x 1.25	16-50
P076/G16	€ 4,82	12 mm	46 mm	M16 x 1.5	55-150

P076-GX400

LONG ARBOR FOR HOLE CUTTERS FOR MASONRY

For item P076-



Hangable

Art.	€	d	L	Thread	Sizes
P076/G12400	€ 20,60	10 mm	400 mm	M12 x 1.25	16-50
P076/G16400	€ 30,30	12 mm	400 mm	M16 x 1.5	55-150

P076-PX

CARBIDE TIPPED PILOT DRILL FOR HOLE CUTTERS FOR MASONRY

For item P076-



Box | HSS | HM

Art.	€	ø	Total length	Sizes	Pack
P076/P12	€ 1,54	6 mm	69 mm	16-50	10
P076/P16	€ 2,06	8 mm	69 mm	55-150	10

P031-

DIAMOND DRILL BITS AND CORE DRILLS WITH CONTINUOUS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle







Hangable | Ceramic | Granite | Marble | Stoneware | No Percussion | Water | Portable Drill

Art.	€	Size	Hex drive	Total length	Diamond height	Grit
P031/05	€ 15,40	Ø 5 mm	8.5 mm	56 mm	2 mm	50/60
P031/06	€ 15,90	Ø 6 mm	8.5 mm	56 mm	2 mm	50/60
P031/07	€ 17,00	Ø 7 mm	8.5 mm	56 mm	2 mm	50/60
P031/08	€ 18,00	Ø 8 mm	8.5 mm	56 mm	2 mm	50/60
P031/10	€ 20,60	Ø 10 mm	8.5 mm	56 mm	2 mm	50/60
P031/12	€ 21,60	Ø 12 mm	8.5 mm	56 mm	2 mm	50/60
P031/14	€ 24,60	Ø 14 mm	8.5 mm	56 mm	2 mm	50/60
P031/16	€ 29,80	Ø 16 mm	11 mm	90 mm	5 mm	35/40
P031/18	€ 30,80	Ø 18 mm	11 mm	90 mm	5 mm	35/40
P031/20	€ 34,90	Ø 20 mm	11 mm	90 mm	5 mm	35/40
P031/22	€ 38,00	Ø 22 mm	11 mm	90 mm	5 mm	35/40
P031/25	€ 43,10	Ø 25 mm	11 mm	90 mm	5 mm	35/40
P031/28	€ 46,20	Ø 28 mm	11 mm	90 mm	5 mm	35/40
P031/30	€ 51,40	Ø 30 mm	11 mm	90 mm	5 mm	35/40
P031/32	€ 55,40	Ø 32 mm	11 mm	90 mm	5 mm	35/40
P031/35	€ 59,50	Ø 35 mm	11 mm	90 mm	5 mm	35/40
P031/40	€ 67,80	Ø 40 mm	11 mm	90 mm	5 mm	35/40
P031/45	€ 76,00	Ø 45 mm	11 mm	90 mm	5 mm	35/40
P031/50	€ 85,30	Ø 50 mm	11 mm	90 mm	5 mm	35/40
P031/60	€ 106,00	Ø 60 mm	11 mm	90 mm	5 mm	35/40
P031/65	€ 115,00	Ø 65 mm	11 mm	90 mm	5 mm	35/40
P031/67	€ 124,00	Ø 67 mm	11 mm	90 mm	5 mm	35/40
P031/70	€ 136,00	Ø 70 mm	11 mm	90 mm	5 mm	35/40
P031/80	€ 156,00	Ø 80 mm	11 mm	90 mm	5 mm	35/40

P031/06P — € 2,82

PILOT TIP

For item P031-Xl



Hangable | HSS | HM

Diameter	ø 6 mm
Length	100 mm
Stem	ø 5 mm
Pack	10

P031/03S — € 51,40

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



3 Pcs | Hangable

Sizes	Ø 6 mm - 8 mm - 10 mm
Hex drive	9.5 mm
Total length	56 mm
Diamond height	2 mm
Grit	50/60

P031/05S — € 82,20

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



5 Pcs | Hangable

Sizes	Ø 5 mm - 6 mm - 8 mm - 10 mm - 12 mm
Hex drive	8.5 mm
Total length	56 mm
Diamond height	2 mm
Grit	50/60

P031/06S — € 246,00

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



6 Pcs | Hangable

Sizes	Ø 16 mm - 22 mm - 25 mm - 28 mm - 30 mm - 35 mm
Hex drive	11 mm
Total length	90 mm
Diamond height	5 mm
Grit	50/60

P033-

DIAMOND DRILL BITS WITH CONTINUOS EDGE

Optimal operation on vertical walls, do not remove the core, which acts as a measuring cap for the coolant. Use with water cooling extends the useful life of the tool. The thin-walled diamond ring guarantees burr-free cuts. This feature facilitates drilling work on hard tiles in place, where it is necessary to make a clean hole





Art.	€	Size	Hex drive	Total length	Diamond height	Grit
P033/05	€ 25,60	Ø 5 mm	9.5 mm	80 mm	10 mm	40
P033/06	€ 25,60	Ø 6 mm	9.5 mm	80 mm	10 mm	40
P033/08	€ 25,60	Ø 8 mm	9.5 mm	80 mm	10 mm	40
P033/10	€ 27,70	Ø 10 mm	9.5 mm	80 mm	10 mm	40
P033/12	€ 30,80	Ø 12 mm	9.5 mm	80 mm	10 mm	40
P033/14	€ 32,90	Ø 14 mm	12.5 mm	80 mm	10 mm	40
P033/16	€ 38,00	Ø 16 mm	12.5 mm	80 mm	10 mm	40
P033/18	€ 43,10	Ø 18 mm	12.5 mm	80 mm	10 mm	40
P033/20	€ 48,30	Ø 20 mm	12.5 mm	80 mm	10 mm	40
P033/22	€ 52,40	Ø 22 mm	12.5 mm	80 mm	10 mm	40
P033/25	€ 59,50	Ø 25 mm	12.5 mm	80 mm	10 mm	40

P033/03S — € 71,80

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

Optimal operation on vertical walls, do not remove the core, which acts as a measuring cap for the coolant. Use with water cooling extends the useful life of the tool. The thin-walled diamond ring guarantees burr-free cuts. This feature facilitates drilling work on hard tiles in place, where it is necessary to make a clean hole





Sizes	Ø 6 mm - 8 mm - 10 mm
Hex drive	9.5 mm
Total length	80 mm
Diamond height	10 mm
Grit	40

P034/05S — € 154,00

M14 DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Sizes	Ø 6 mm - 8 mm -10 mm-12 mm - 14 mm
Total length	62 mm
Diamond height	10 mm
Grit	30/50

P034-

M14 DIAMOND DRILL BITS AND CORE DRILLS WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Art.	€	Size	Total length	Diamond height	Grit
P034/006	€ 30,30	Ø 6 mm	62 mm	10 mm	30/50
P034/008	€ 30,80	Ø 8 mm	62 mm	10 mm	30/50
P034/010	€ 30,80	Ø 10 mm	62 mm	10 mm	30/50
P034/012	€ 32,90	Ø 12 mm	62 mm	10 mm	30/50
P034/014	€ 36,00	Ø 14 mm	62 mm	10 mm	30/50
P034/016	€ 36,50	Ø 16 mm	62 mm	15 mm	30/50
P034/018	€ 37,00	Ø 18 mm	62 mm	15 mm	30/50
P034/020	€ 37,50	Ø 20 mm	60 mm	15 mm	30/50
P034/022	€ 38,00	Ø 22 mm	60 mm	15 mm	30/50
P034/025	€ 38,60	Ø 25 mm	60 mm	15 mm	30/50
P034/028	€ 42,10	Ø 28 mm	60 mm	15 mm	30/50
P034/030	€ 45,20	Ø 30 mm	60 mm	15 mm	30/50
P034/032	€ 48,30	Ø 32 mm	60 mm	15 mm	30/50
P034/035	€ 52,40	Ø 35 mm	60 mm	15 mm	30/50
P034/040	€ 60,60	Ø 40 mm	60 mm	15 mm	30/50
P034/045	€ 67,80	Ø 45 mm	60 mm	15 mm	30/50
P034/050	€ 72,90	Ø 50 mm	60 mm	15 mm	30/50
P034/055	€ 82,20	Ø 55 mm	60 mm	15 mm	30/50
P034/060	€ 90,30	Ø 60 mm	60 mm	15 mm	30/50
P034/065	€ 97,60	Ø 65 mm	60 mm	15 mm	30/50
P034/067	€ 101,00	Ø 67 mm	60 mm	15 mm	30/50
P034/070	€ 106,00	Ø 70 mm	60 mm	15 mm	30/50
P034/080	€ 120,00	Ø 80 mm	60 mm	15 mm	30/50
P034/090	€ 132,00	Ø 90 mm	60 mm	15 mm	30/50
P034/100	€ 163,00	Ø 100 mm	60 mm	15 mm	30/50

P034/06S — € 383,00

M14 DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. Longer useful life cycle.





Sizes	Ø 22 mm - 35 mm - 40 mm - 45 mm - 50 mm - 67 mm
Total length	60 mm
Diamond height	15 mm
Grit	30/50

P035-

DIAMOND DRILL BITS WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Hangable | Ceramic | Granite | Marble | Stoneware | No Percussion | Water | Portable Drill

Art.	€	Size	Stem	Total length	Diamond height	Grit
P035/05	€ 8,30	Ø 5 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/06	€ 8,30	Ø 6 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/08	€ 8,30	Ø 8 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/10	€ 8,30	Ø 10 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/12	€ 9,20	Ø 12 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/14	€ 10,20	Ø 14 mm	Ø 6 mm	65 mm	5 mm	60/80

P035/04S € 30,80

DIAMOND DRILL BIT SET WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



4 Pcs | Hangable

Sizes	Ø 5 mm - 6 mm - 8 mm - 10 mm
Stem	Ø 6 mm
Total length	65 mm
Diamond height	5 mm
Grit	60/80

0529 € 39,10

DIAMOND CORE DRILL BIT SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



6 Pcs | Hangable | 1/4"

Drills	Ø 5 - 6 - 8 - 10 - 12 mm
Total length	60 mm
Cut length	30 mm
Diamond height	3 mm
Grit	70/80

D009/5-12 € 28,70

DRILL SUCTION CUP WITH GUIDING HOLES

Allows easy centering and cutting safety of the diamond tip in the various workable materials. To be used in conjunction with a nebulizer for water processing



Box

Holes	4 mm - 5 mm - 6 mm - 7 mm - 8 mm - 10 mm - 12 mm

D009/5-85 € 43,10

DRILL SUCTION CUP WITH ADJUSTABLE HOLE FRAME

Allows easy centering and cutting safety of the diamond tip in the various workable materials. To be used in conjunction with a nebulizer for water processing



Box

Holes	5 - 85 mm

D020 € 26,30

DIAMOND MOUNTED POINT SET

Suitable for engraving, writing or finishing thanks to the various geometries available



20 Pcs | Box | Steel | Stainless steel | Ceramic

Stem	Ø 3 mm
Length	45 mm

D050 € 51,60

DIAMOND MOUNTED POINT AND DISC SET

Suitable for engraving, writing or finishing thanks to the various geometries available



50 Pcs | Box | Steel | Stainless steel | Ceramic

Stem	Ø 3 mm
Length	45 mm

P052-

BRAD POINT WOODWORKING DRILLS

DIN 7487, double helix, with centering tip allows exact positioning of the hole



Hangable | HSS | Wood | Multilayer | Chipboard | Lathe | Mill | Drill

Art.	€	ø	Total length	Flute length	Pack
P052/03	€ 0,88	3 mm	61 mm	33 mm	5
P052/04	€ 0,97	4 mm	75 mm	43 mm	5
P052/05	€ 1,17	5 mm	86 mm	52 mm	5
P052/06	€ 1,27	6 mm	93 mm	57 mm	5
P052/07	€ 1,56	7 mm	109 mm	69 mm	5
P052/08	€ 2,05	8 mm	117 mm	75 mm	5
P052/09	€ 2,34	9 mm	125 mm	81 mm	1
P052/10	€ 2,74	10 mm	133 mm	87 mm	1
P052/11	€ 3,61	11 mm	142 mm	94 mm	1
P052/12	€ 4,49	12 mm	151 mm	101 mm	1
P052/13	€ 5,20	13 mm	151 mm	101 mm	1
P052/14	€ 6,40	14 mm	160 mm	108 mm	1
P052/15	€ 7,60	15 mm	169 mm	114 mm	1
P052/16	€ 10,60	16 mm	178 mm	120 mm	1
P052/17	€ 12,20	17 mm	184 mm	125 mm	1
P052/18	€ 14,20	18 mm	191 mm	130 mm	1
P052/19	€ 16,10	19 mm	198 mm	135 mm	1
P052/20	€ 17,60	20 mm	205 mm	140 mm	1

P052/08S — € 13,60

BRAD POINT WOODWORKING DRILLS SET

DIN 7487, double helix, with centering tip allows exact positioning of the hole



8 Pcs | Hangable | HSS | Wood | Multilayer

Size	3 ÷ 10 mm

0238 — € 12,10

HOLE SAW SET FOR WOOD



10 Pcs | Box | Steel | Plastic | Plexiglass

Sizes	ø 22 - 29 - 32 - 38 - 44 - 51 - 57 - 67 mm

0463 — € 21,80

TWIST DRILL SET WITH COUNTERSINK FOR WOOD

for countersinking the wood

4 Pcs | Wooden Box | HSS | C45 | 1/4"



Sizes	2 - 2,5 - 3 - 3,5 mm

0799-

MORTISING DRILL SET



6 Pcs | Wooden Box | C45 | Wood | Multilayer | Chipboard | Mill

Art.	€	Sizes	Revolution	Stem
0799/SXC	€ 68,00	ø 6 - 8 - 10 - 12 - 14 - 16 mm	L	ø 16 x 50 mm
0799/DXC	€ 68,00	ø 6 - 8 - 10 - 12 - 14 - 16 mm	R	ø 16 x 50 mm

0087 — € 43,90

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



5 Pcs | Wooden Box | C45 | HM | Wood

Drills	Ø 15 - 20 - 26 - 30 - 35 mm

0087/35 — € 11,10

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



Box | C45 | HM | Wood | Multilayer

Boring bit	ø 35 mm
Stem	ø 10 mm

0526 € 31,20

TWIST DRILL AND COUNTERSINK SET WITH 1/4" HEX SHANK

1/4" hex shank with countersink for wood

HSS · 3 Pcs · Hangable · Wood · Multilayer · Chipboard · Mill · Drill



Drills	2,75 - 3,25 - 3,5 mm
Shank	1/4"

0524 € 50,80

1/4" DR. DRILL BIT HOLDER SET

To speed up the work by replacing the tips quickly

C45 · 10 Pcs · Hangable · 1/4"



Sizes	3-3.5-4-4.5-5-5.5-6-6.5-8-10 mm
Shank	1/4"

0835/15 € 53,60

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves

HM · 15 Pcs · Wooden Box · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm

0830 € 232,00

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves

HM · 35 Pcs · Wooden Box · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm

0718 € 269,00

CUTTER HEAD SET FOR MACHINE

For creating profiles of various geometries on wood.

HSS · 27 Pcs · Carrying case · Wood · Multilayer · Chipboard · Mill



Head	Ø 100 x 40h mm
Hole	ø 30 mm
Knives	26



M015S — € 55,40

SPIRAL POINT TAP AND DRILL SET

With adjustable tap holder



15 Pcs · Hangable · HSS · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Emulsion

Taps	M3 x 0,50 mm, M4 x 0,70 mm, M5 x 0,80 mm, M6 x 1,00 mm, M8 x 1,2
Drills	Ø2,5 mm, Ø3,3 mm, Ø4,2 mm, Ø5,0 mm, Ø6,8 mm, Ø8,5 mm, Ø10

M312/P — € 60,60

MACHINE TAP SET FOR THROUGH HOLES WITH REINFORCED SHANK

With adjustable tap holder.



8 Pcs · Hangable · HSS-G · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil

Size	M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75

M312/C — € 65,90

MACHINE TAP SET FOR BLIND HOLES 35° WITH REINFORCED SHANK

With adjustable tap holder.



8 Pcs · Hangable · HSS-G · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil

Size	M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75

M020 — € 30,60

TAP AND DIE SET



20 Pcs · Box · Steel · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Tap holder	M3 - M12
Round die-stock	25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8'' NPT27
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8'' NPT27

M036 — € 59,40

TAP AND DIE SET

With twist drills and screw pitch gauge



34 Pcs · Box · Steel · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Tap holder	M3 - M12
Round die-stock	25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12
Drills	2,5 - 3,3 - 4,2 - 5 - 6 - 6,8 - 8,5 - 10,3 mm
Screwdriver	6,5 x 50 mm

M032 — € 110,00

TAP AND DIE METRIC SET

With round die-stock, adjustable tap holder and screw pitch gauge.



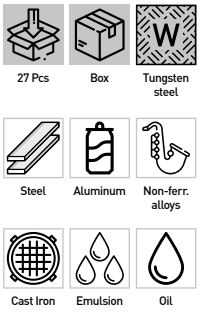
32 Pcs · Hangable · HSS · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Taps	M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75
Dies	M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75
Screwdriver	3,5 x 50 mm

M029 € 118,00

TAP AND DIE SET

With twist drills and ratchet tap-die holder





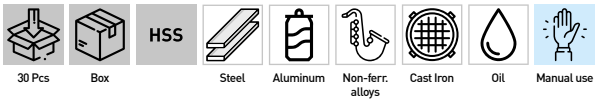
Ratchet handle	200 mm
Socket	Maschi 5 - 7,5 mm | Filiere 25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Drills	2,5 - 3,3 - 4,2 - 5 - 6,8 - 8,5 - 10,3 mm
Screwdriver	6,5 x 50 mm
Screwdriver	3 x 50 mm

M030 € 69,10

TAP AND DIE SET

From M1 to M2.5, with die turner and adapters to convert it into tap wrenches.



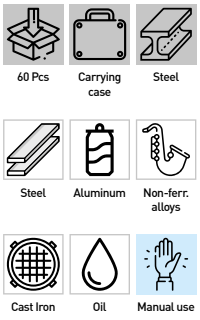


Size	M1 - M1.1 - M1.2 - M1.4 - M1.6 - M1.8 - M2.0 - M2.2 - M2.5

M101 € 109,00

TAPS AND DIE METRIC SET

Hand tap and die: M3x0,5 - UNC 1/4 20 - UNF 4 40 - Metric M4x0,7 - UNC 1/4 28 - UNF 6 32 - Metric M5x0,8 - UNC 5/16 18 - UNF 8 32 - Metric M6x1 - UNC 5/16 24 - UNF 10 32 - Metric M7x1 - UNC 3/8 16 - UNF 10 24 - Metric M8x1,25 - UNC 3/8 24 - UNF 12 24 - Metric M9x1,25 - UNC 7/16 14 - Metric M10x1,5 - UNC 7/16 20 - Metric M10x1 - UNC 1/2 13 - Metric M12x1,75 - UNC 1/2 20 - NPT 1/8 27.
Complete with round die-stock and adjustable tap holder.

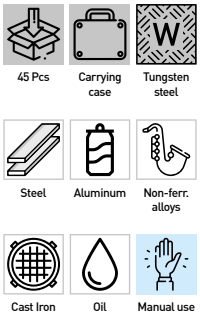




M100 € 146,00

TAP AND DIE METRIC SET

With round die-stock and adjustable tap holder. M6x0,75 - M6x1 - M8x1 - M8x1,25 - M10x1,25 - M10x1,5 - M12x1,5 - M12x1,75 - M14x1,5 - M14x2 - M16x1,5 - M16x2 - M18x1,5 - M18x2,5 - M20x1,5 - M20x2,5 - M22x1,5 - M22x2,5 - M24x1,5 - M24x3





M218 € 235,00

TAP AND DIE METRIC SET

2 pcs hand tap set and die: M2 x 0,40 - M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 0,75 - M6 x 1 - M7 x 0,75 - M7 x 1- M8 x 0,75 - M8 x 1 - M8 x 1,25 - M9 x 0,75 - M9 x 1 - M9 x 1,25 - M10 x 0,75 - M10 x 1 -M10 x 1,25 - M10 x 1,5 - M11 x 0,75 - M11 x 1 - M11 x 1,25 - M11 x 1,5 - M12 x 0,75 - M12 x 1 - M12 x 1,25 - M12 x 1,5 - M12 x 1,75 - M14 x 1 - M14 x 1,25 - M14 x 1,5 - M14 x 2 - M16 x 1 - M16 x 1,5 - M16 x 2 - M18 x 1,5.
Complete with 2 tap holders and 2 round die-stocks.





TAPPING
TYPE OF GROOVES

STRAIGHT GROOVES CORRECT INLET

The correction of the inlet is given by a strong inclination of the helix combined with an accentuated angle of cut in the initial part of the tap. This design ensures the evacuation of chips in the direction of the feed. Therefore, when tapping through holes in materials that produce continuous chips, the risk of clogging and breakage is almost eliminated.



35° HIGH-TWIST HELICAL GROOVES

Inclined helical grooves facilitate chip extraction in the opposite direction to the tap feed. The strong inclination of the helix also ensures the extraction of chips from blind and deep holes reducing the risk of clogging and breakage.



CHOICE OF THEORETICAL CUTTING SPEEDS OF MACHINE TAPS, ACCORDING TO THE MATERIAL TO BE THREADED



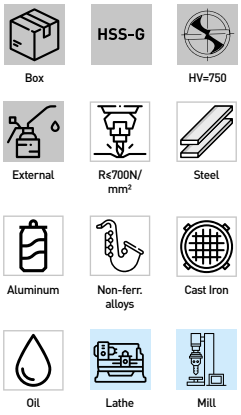
Material to work	Cutting speed (m / min)	Refrigerant
Low alloy construction steel R< 700÷900N/mm2	10 - 20	Oil
Tool steel	4 - 8	Oil
Alloy steel R< 1100÷1300N/mm2	2 - 5	Oil
Stainless steel	5 - 10	Oil
Spheroidal cast iron	6 - 20	No Lubrication.
Copper alloys	10 - 15	Oil
Brass	20 - 30	Oil
Bronze	6 - 15	Oil
Aluminium Short chip	15 - 30	Oil
Aluminium Long chip	10 - 20	Oil
Titanium	3 - 4	Oil
Plastics and thermoplastics	5 - 15	Water
Thermosetting Materials	5 - 10	No Lubrication

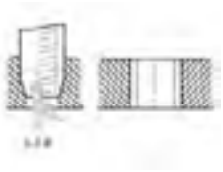
M001-X

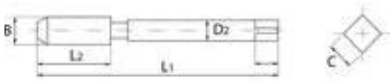
MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

DIN 371/B, isometric thread coarse pitch - reinforced shank.









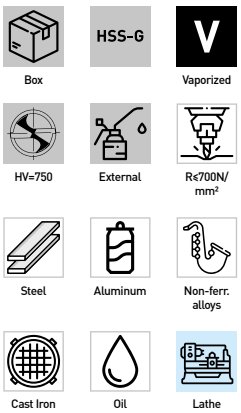
Art.	€	B	L2	L1	D2	C
M001/3	€ 5,80	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M001/4	€ 5,80	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M001/5	€ 7,10	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M001/6	€ 7,60	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M001/8	€ 9,30	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M001/10	€ 11,90	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

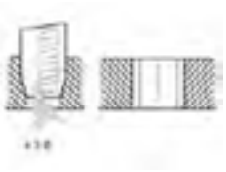
M001-XV

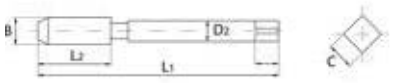
MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

DIN 371/B, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.









Art.	€	B	L2	L1	D2	C
M001/03V	€ 7,30	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M001/04V	€ 7,30	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M001/05V	€ 8,10	M5 x 0,80	16 mm	70 mm	6 mm	4.9mm
M001/06V	€ 8,80	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M001/08V	€ 11,10	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M001/10V	€ 13,90	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

M002-

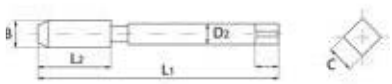
MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

DIN 376/B, isometric thread coarse pitch.









Art.	€	B	L2	L1	D2	C
M002/12	€ 12,90	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14	€ 16,70	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16	€ 18,60	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18	€ 28,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20	€ 34,20	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22	€ 47,90	M22 x 2,5	34 mm	140 mm	18 mm	14.5 mm
M002/24	€ 52,60	M24 x 3	38 mm	160 mm	18 mm	14.5 mm
M002/27	€ 73,60	M27 x 3	38 mm	160 mm	20 mm	16 mm
M002/30	€ 85,30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

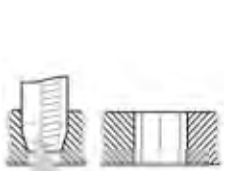
M002-XV

MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

DIN 376/B, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.







Art.	€	B	L2	L1	D2	C
M002/12V	€ 14,50	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14V	€ 19,10	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16V	€ 21,80	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18V	€ 30,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20V	€ 38,80	M20 x 2,5	34 mm	140 mm	16 mm	12 mm

M003-

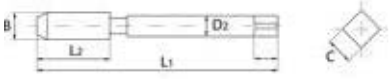
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 371/C, isometric thread coarse pitch - reinforced shank



Box · HSS-G · HV=750
External · R≤700N/mm² · Steel
Aluminum · Non-ferr. alloys · Cast Iron
Oil · Lathe · Mill





Art.	€	B	L2	L1	D2	C
M003/3	€ 5,80	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M003/4	€ 5,80	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M003/5	€ 6,50	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M003/6	€ 8,10	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M003/8	€ 9,90	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M003/10	€ 12,20	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

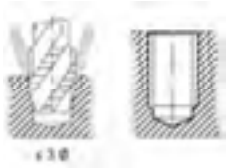
M003-XV

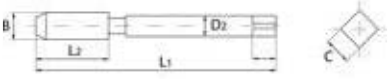
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 371 / C, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking



Box · HSS-G · V Vaporized
HV=750 · External · R≤700N/mm²
Steel · Aluminum · Non-ferr. alloys
Cast Iron · Oil · Lathe





Art.	€	B	L2	L1	D2	C
M003/03V	€ 7,30	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M003/04V	€ 7,30	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M003/05V	€ 8,70	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M003/06V	€ 9,90	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M003/08V	€ 11,40	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M003/10V	€ 14,30	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

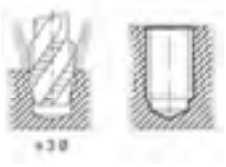
M003-XXX

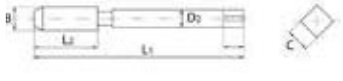
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 376/C, isometric thread coarse pitch



Box · HSS-G · HV=750
External · R≤700N/mm² · Steel
Aluminum · Cast Iron
Oil · Lathe · Mill





Art.	€	B	L2	L1	D2	C
M003/12	€ 13,30	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14	€ 16,90	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16	€ 19,40	M16x2	32 mm	110 mm	12 mm	9 mm
M003/18	€ 31,60	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20	€ 34,70	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22	€ 47,90	M22 x 2,5	34 mm	140 mm	18 mm	14.5 mm
M003/24	€ 52,50	M24 x 3	38 mm	160 mm	18 mm	14.5 mm
M003/27	€ 73,60	M27 x 3	38 mm	160 mm	20 mm	16 mm
M003/30	€ 85,30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

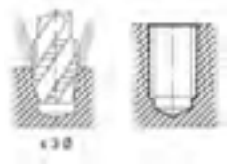
M003-XXV

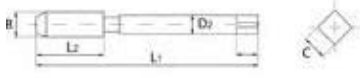
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 376/C, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.



Box · HSS-G · V Vaporized
HV=750 · External · R≤700N/mm²
Steel · Aluminum · Non-ferr. alloys
Cast Iron · Oil · Lathe



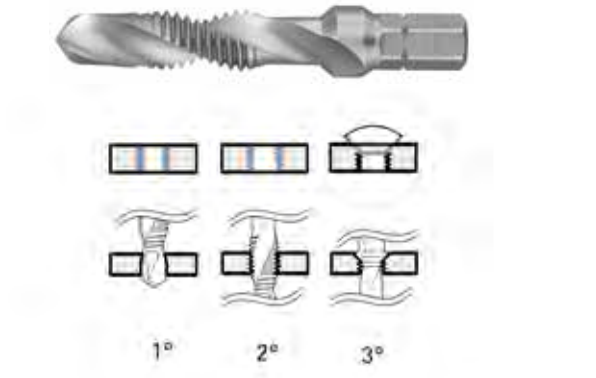


Art.	€	B	L2	L1	D2	C
M003/12V	€ 16,90	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14V	€ 19,10	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16V	€ 22,70	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18V	€ 30,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20V	€ 38,80	M20 x 2,5	34 mm	140 mm	16 mm	12 mm

0890-

3 IN 1 DRILLING-TAPPING-DEBURRING TOOL

Thanks to the particular geometry in a single operation it is able to drill, thread and countersink



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Magnetic Drill | Portable Drill

Art.	€	Taps	Shank	Dimensions
0890/M3	€ 6,70	M3 x 0,5	1/4"	52 mm
0890/M4	€ 6,70	M4 x 0,7	1/4"	52 mm
0890/M5	€ 7,60	M5 x 0,8	1/4"	54 mm
0890/M6	€ 7,60	M6 x 1	1/4"	56 mm
0890/M8	€ 8,80	M8 x 1,25	1/4"	58 mm
0890/M10	€ 10,80	M10 x 1,5	1/4"	60 mm

0890 € 53,10

3 IN 1 DRILLING-TAPING-DEBURRING TOOL AND BIT SET

Thanks to the particular geometry in a single operation it is able to drill, thread and countersink. With quick change holder



14 Pcs | Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Magnetic Drill | Portable Drill

Taps	M3 x 0,5 - M4 x 0,7 - M5 x 0,8 - M6 x 1 - M8 x 1,25 - M10 x 1,5
Shank	1/4"
Phillips	1 - 2
Pozi-driv	1 - 2
Slotted	4 - 5 mm

G002-

ADJUSTABLE TAP HOLDER

DIN 1814, With hardened jaws, a handle that can be unscrewed to carry out jobs with tight dimensions



Blister | HSS-G

Art.	€	Taps	Square
G002/1	€ 6,50	M1 ÷ M10	1,75 ÷ 5,5
G002/2	€ 9,60	M4 ÷ M12	2,4 ÷ 8 mm
G002/3	€ 13,30	M5 ÷ M20	2,7 ÷ 12

G003-

RATCHET TAP HOLDER

Right-handed, left-handed or in a fixed position



Blister | HSS-G

Art.	€	Taps	Square
G003/1	€ 11,90	M3 ÷ M 8	1,75 ÷ 5,5
G003/2	€ 14,50	M5 ÷ M 12	4 ÷ 8



F123 NEW € 48,60

ROUND DIE SET

From M3 to M12, complete with round die-stock



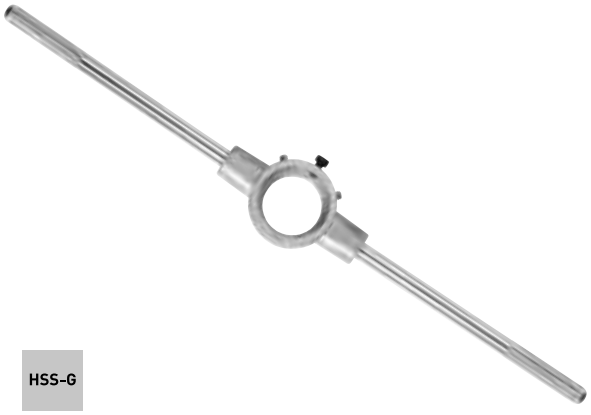
9 Pcs | Box | Steel | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Size	M3 - M4 - M5 - M6 - M8 - M10 - M12
Round die-stock	25 x 9 mm

G001-

ROUND DIE-STOCK

DIN 225, with 3 die fixing screws, 1 unscrewable handle to carry out jobs with tight dimensions



Blister | HSS-G

Art.	€	Die dimensions	For dies
G001/20	€ 6,50	20 x 7 mm	M4.5 ÷ M6
G001/25	€ 6,50	25 x 9 mm	M7 ÷ M9
G001/30	€ 8,00	30 x 11 mm	M10 ÷ M11
G001/38	€ 12,20	38 x 14 mm	M12 ÷ M14
G001/45	€ 13,90	45 x 18 mm	M16 ÷ M20
G001/55	€ 15,00	55 x 22 mm	M22 ÷ M24

F121-

METRIC DIE FOR COARSE PITCH

DIN 223, with correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	€	Pitch	Dimensions
F121/03	€ 8,00	3 x 0,5 mm	Ø20 x 5 mm
F121/04	€ 8,00	4 x 0,7 mm	Ø20 x 5 mm
F121/05	€ 9,10	5 x 0,8 mm	Ø20 x 7 mm
F121/06	€ 10,50	6 x 1 mm	Ø20 x 7 mm
F121/08	€ 10,50	8 x 1,25 mm	Ø25 x 9 mm
F121/10	€ 12,00	10 x 1,5 mm	Ø30 x 11 mm
F121/12	€ 13,90	12 x 1,75 mm	Ø38 x 14 mm
F121/14	€ 19,60	14 x 2 mm	Ø38 x 14 mm
F121/16	€ 23,00	16 x 2 mm	Ø45 x 18 mm
F121/18	€ 26,70	18 x 2,5 mm	Ø45 x 18 mm
F121/20	€ 28,30	20 x 2,5 mm	Ø45 x 18 mm

F122-

DIE GAS THREAD

DIN 5158/B, with correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	€	Pitch	Dimensions
F122/1/8	€ 10,40	G1/8-28	Ø30 x 11 mm
F122/1/4	€ 18,10	G1/4-19	Ø38 x 10 mm
F122/3/8	€ 22,50	G3/8-19	Ø45 x 14 mm
F122/1/2	€ 24,20	G1/2-14	Ø45 x 14 mm
F122/5/8	€ 43,30	G5/8-14	Ø55 x 16 mm
F122/3/4	€ 47,50	G3/4-14	Ø55 x 16 mm
F122/7/8	€ 52,60	G7/8-14	Ø65 x 18 mm
F122/1	€ 53,10	G1-11	Ø65 x 18 mm

F-COIL THREAD RESTORER RANGE

It is essential for reinforcing threads in materials with reduced resistance (aluminium, aluminium alloys or magnesium).
The industrial sectors where it is most used are: mechanical and building development, automotive industry, medical and electronic equipment, as well as aerospace and aeronautical construction.
Tapping reinforcement eliminates wear on the tapping itself, allowing frequent use of the thread.
It is essential for the economical and lasting restoration of worn or discarded threads during manufacture.

RESTORATION AND LAYING PROCEDURE

1st operation
Knowing the type of damaged thread

Knowledge of the type of damaged thread so that the appropriate kit can be purchased to restore it.



2nd operation
Drilling execution with specific drill tip

Drilling for removal of the damaged thread and thread preparation for the new F-Coil thread insert



3rd operation
Tapping execution for preparation of F-Coil thread housing

Execution of the tapping operation with the specific tap for creating the housing for the F-Coil thread insert.



4th operation
Screw in the Coil insert with the appropriate tool

Screw in the F-Coil insert with the F-Coil mounting tool to the required depth.
If one helix is not enough, you can add more helix up to the necessary depth.
The application of thread-locking glue is recommended to avoid possible disassembly of the F-Coil



5th operation
Breaking of the driving notch with a special cutter

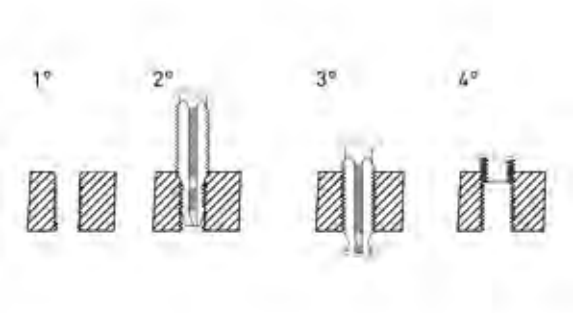
Once the thread-insert has been installed, break off the retention stud bolt.
In order to break it, the specific breaking tool must be used.
From a thread size of M14 onwards, it is possible to perform this operation with the use of a clamp where the pitch size permits.





REPAIR THREADS FOR SPARK PLUG SEATS

To restore damaged spark plug seats the procedure is different: Threading is carried out directly on the damaged thread with the special tap supplied with the KIT. The F-COIL thread bushing is then inserted and must be screwed in completely up to the stop.
The application of thread-locking adhesive is recommended.



COMPOSITION OF THE THREAD REPAIR KIT

1	Stainless steel threaded inserts to be inserted in the tapping performed by recreating the previously damaged thread (Available in 1xØ, 1.5xØ, 2xØ, 2.5xØ and 3xØ lengths		
2	Helical HSS bit for making the pre-hole for the tap		
3	Specific tap for tapping for the application of the threaded insert		
4	Tool for mounting F-Coil threaded inserts	For threaded inserts up to M24	
		For M26 inserts	
5	Specific tool for breaking the F-Coil tang		





E010 — € 123,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



130 Pcs | Carrying case | HSS | INOX

Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010B — € 159,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



125 Pcs | Carrying case | HSS | INOX

Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6=25 M8=25 M10=20 M12=15 M14=25
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010E — € 107,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



130 Pcs | Carrying case | HSS | INOX

Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010-

THREAD REPAIR INSERT SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



Hangable | HSS | INOX

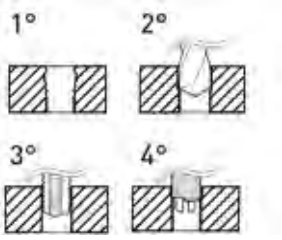
Art.	€	Thread insert	Boring bit	Taps	Handle
E010/M05	**€ 27,10**	M5	5,2 mm	x M5	2
E010/M06	**€ 29,40**	M6	6,3 mm	x M6	2
E010/M08	**€ 32,40**	M8	8,3 mm	x M8	2
E010/M10	**€ 39,10**	M10	10,4 mm	x M10	2
E010/M12	**€ 41,40**	M12	12,4 mm	x M12	2
E010/M14	**€ 49,50**	M14 x 1,25	14,4 mm	x M14 x 1,25	2

E011A — € 164,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





130 Pcs | Carrying case | HSS | INOX

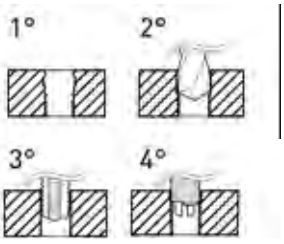
Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E011B — € 192,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





113 Pcs | Carrying case | HSS | INOX

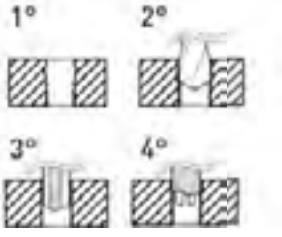
Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6=25 M8=25 M10=25 M12=10 M14=10
Inserting tool	5 Pcs
Tang break tool	4 Pcs

E011C — € 113,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





87 Pcs | Hangable | HSS | INOX

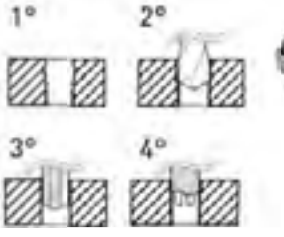
Sizes	M6 - M10
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5
Drills	6.3 mm - 8.3 mm - 10.4 mm
Wire-thread inserts	M6|25 Pcs - M8|25 Pcs - M10|25 Pcs
Inserting tool	3 Pcs
Tang break tool	3 Pcs

E011D — € 203,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.
14mm size specific for car spark plugs





113 Pcs | Carrying case | HSS | INOX

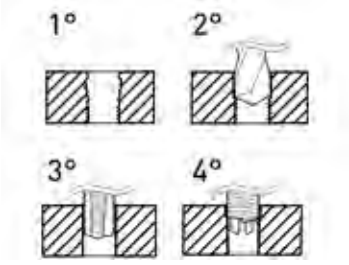
Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6|25 Pcs - M8|25 Pcs - M10|25 Pcs - M12|10 Pcs - M14|10 Pcs
Inserting tool	5 Pcs
Tang break tool	4 Pcs

E011-MX1

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





HSS INOX

Hangable

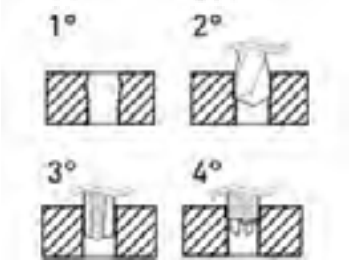
Art.	€	Dimensions	Boring bit	STI Taps	Inserting tool	Tang break tool	Inserts quantity
E011/M020X040	€ 26,20	M 2 x 0.4	Ø 2.1 mm	E011/M020X040M	E011/U02	E011/A02	20
E011/M025X045	€ 26,20	M 2.5 x 0.45	Ø 2.6 mm	E011/M025X045M	E011/U03	E011/A03	20
E011/M030X050	€ 26,20	M 3 x 0.5	Ø 3.2 mm	E011/M030X050M	E011/U04	E011/A04	20
E011/M035X060	€ 26,20	M 3.5 x 0.6	Ø 3.7 mm	E011/M035X060M	E011/U05	E011/A05	20
E011/M040X070	€ 26,20	M 4 x 0.7	Ø 4.2 mm	E011/M040X070M	E011/U06	E011/A06	20
E011/M050X080	€ 27,10	M 5 x 0.8	Ø 5.2 mm	E011/M050X080M	E011/U08	E011/A08	20
E011/M060X100	€ 28,80	M 6 x 1.0	Ø 6.3 mm	E011/M060X100M	E011/U09	E011/A09	20
E011/M070X100	€ 35,70	M 7 x 1.0	Ø 7.3 mm	E011/M070X100M	E011/U10	E011/A11	20
E011/M080X100	€ 35,70	M 8 x 1.0	Ø 8.3 mm	E011/M080X100M	E011/U11	E011/A11	20
E011/M080X125	€ 35,70	M 8 x 1.25	Ø 8.3 mm	E011/M080X125M	E011/U11	E011/A11	20
E011/M090X100	€ 35,70	M 9 x 1.0	Ø 9.3 mm	E011/M090X100M	E011/U12	E011/A12	10
E011/M090X125	€ 40,10	M 9 x 1.25	Ø 9.3 mm	E011/M090X125M	E011/U12	E011/A12	15
E011/M100X100	€ 38,30	M 10 x 1.0	Ø 10.3 mm	E011/M100X100M	E011/U13	E011/A13	15
E011/M100X125	€ 38,30	M 10 x 1.25	Ø 10.3 mm	E011/M100X125M	E011/U13	E011/A13	15
E011/M100X150	€ 38,30	M 10 x 1.5	Ø 10.4 mm	E011/M100X150M	E011/U13	E011/A13	15
E011/M110X150	€ 42,60	M 11 x 1.5	Ø 11.4 mm	E011/M110X150M	E011/U14	E011/A14	10
E011/M120X100	€ 42,60	M 12 x 1.0	Ø 12.3 mm	E011/M120X100M	E011/U15	E011/A15	10
E011/M120X125	€ 42,60	M 12 x 1.25	Ø 12.3 mm	E011/M120X125M	E011/U15	E011/A15	10
E011/M120X150	€ 42,60	M 12 x 1.5	Ø 12.4 mm	E011/M120X150M	E011/U15	E011/A15	10
E011/M120X175	€ 42,60	M 12 x 1.75	Ø 12.4 mm	E011/M120X175M	E011/U15	E011/A15	10
E011/M140X100	€ 49,50	M 14 x 1.0	-	E011/M140X100M	E011/U16	-	10
E011/M140X125	€ 49,50	M 14 x 1.25	-	E011/M140X125M	E011/U16	-	10
E011/M140X150	€ 49,50	M 14 x 1.5	-	E011/M140X150M	E011/U17	-	10
E011/M140X200	€ 49,50	M 14 x 2.0	-	E011/M140X200M	E011/U17	-	10
E011/M160X150	€ 58,20	M 16 x 1.5	-	E011/M160X150M	E011/U18	-	10
E011/M160X200	€ 58,20	M 16 x 2.0	-	E011/M160X200M	E011/U18	-	10
E011/M180X150	€ 68,60	M 18 x 1.5	-	E011/M180X150M	E011/U20	-	5
E011/M180X200	€ 68,60	M 18 x 2.0	-	E011/M180X200M	E011/U20	-	5
E011/M180X250	€ 68,60	M 18 x 2.5	-	E011/M180X250M	E011/U20	-	5
E011/M200X150	€ 74,60	M 20 x 1.5	-	E011/M200X150M	E011/U21	-	5
E011/M200X200	€ 74,60	M 20 x 2.0	-	E011/M200X200M	E011/U21	-	5
E011/M200X250	€ 74,60	M 20 x 2.5	-	E011/M200X250M	E011/U21	-	5
E011/M220X150	€ 85,00	M 22 x 1.5	-	E011/M220X150M	E011/U22	-	5
E011/M220X200	€ 85,00	M 22 x 2.0	-	E011/M220X200M	E011/U22	-	5
E011/M220X250	€ 85,00	M 22 x 2.5	-	E011/M220X250M	E011/U22	-	5
E011/M240X150	€ 96,30	M 24 x 1.5	-	E011/M240X150M	E011/U23	-	5
E011/M240X200	€ 96,30	M 24 x 2.0	-	E011/M240X200M	E011/U23	-	5
E011/M240X300	€ 96,30	M 24 x 3.0	-	E011/M240X300M	E011/U23	-	5

E011-MX2

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





HSS INOX

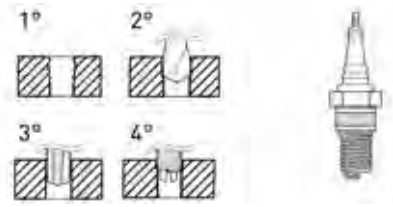
Carrying case

Art.	€	Dimensions	STI Taps	Inserting tool	Wire-thread inserts	Inserts quantity
E011/M260X150	€ 274,00	M 26 x 1.5	E011/M260X150M	E011/UM260X150	E010/M260X150E15	10
E011/M270X150	€ 274,00	M 27 x 1.5	E011/M270X150M	E011/UM270X150	E010/M270X150E15	10
E011/M270X200	€ 274,00	M 27 x 2.0	E011/M270X200M	E011/UM270X200	E010/M270X200E15	10
E011/M270X300	€ 274,00	M 27 x 3.0	E011/M270X300M	E011/UM270X300	E010/M270X300E15	10
E011/M280X150	€ 274,00	M 28 x 1.5	E011/M280X150M	E011/UM280X150	E010/M280X150E15	10
E011/M300X150	€ 326,00	M 30 x 1.5	E011/M300X150M	E011/UM300X150	E010/M300X150E15	10
E011/M300X200	€ 326,00	M 30 x 2.0	E011/M300X200M	E011/UM300X200	E010/M300X200E15	10
E011/M300X350	€ 326,00	M 30 x 3.5	E011/M300X350M	E011/UM300X350	E010/M300X350E15	10
E011/M330X200	€ 336,00	M 33 x 2.0	E011/M330X200M	E011/UM330X200	E010/M330X200E15	10
E011/M330X350	€ 336,00	M 33 x 3.5	E011/M330X350M	E011/UM330X350	E010/M330X350E15	10
E011/M360X150	€ 359,00	M 36 x 1.5	E011/M360X150M	E011/UM360X150	E010/M360X150E15	10
E011/M360X200	€ 359,00	M 36 x 2.0	E011/M360X200M	E011/UM360X200	E010/M360X200E15	10
E011/M360X300	€ 359,00	M 36 x 3.0	E011/M360X300M	E011/UM360X300	E010/M360X300E15	10
E011/M360X400	€ 359,00	M 36 x 4.0	E011/M360X400M	E011/UM360X400	E010/M360X400E15	10
E011/M390X300	€ 456,00	M 39 x 3.0	E011/M390X300M	E011/UM390X300	E010/M390X300E15	10
E011/M390X400	€ 522,00	M 39 x 4.0	E011/M390X400M	E011/UM390X400	E010/M390X400E15	10
E011/M400X300	€ 522,00	M 40 x 3.0	E011/M400X300M	E011/UM400X300	E010/M400X300E15	10
E011/M420X300	€ 522,00	M 42 x 3.0	E011/M420X300M	E011/UM420X300	E010/M420X300E15	10
E011/M420X450	€ 700,00	M 42 x 4.5	E011/M420X450M	E011/UM420X450	E010/M420X450E15	10
E011/M450X300	€ 633,00	M 45 x 3.0	E011/M450X300M	E011/UM450X300	E010/M450X300E15	10
E011/M450X450	€ 722,00	M 45 x 4.5	E011/M450X450M	E011/UM450X450	E010/M450X450E15	10
E011/M480X300	€ 633,00	M 48 x 3.0	E011/M480X300M	E011/UM480X300	E010/M480X300E15	10
E011/M480X500	€ 884,00	M 48 x 5.0	E011/M480X500M	E011/UM480X500	E010/M480X500E15	10
E011/M500X300	€ 700,00	M 50 x 3.0	E011/M500X300M	E011/UM500X300	E010/M500X300E15	10
E011/M520X300	€ 945,00	M 52 x 3.0	E011/M520X300M	E011/UM520X300	E010/M520X300E15	10
E011/M520X500	€ 1100,00	M 52 x 5.0	E011/M520X500M	E011/UM520X500	E010/M520X500E15	10

E011-MXC

SPARK PLUG METRIC THREAD REPAIR F-COIL SET

Specific for repairs or reinforcement of spark plug seats





HSS INOX

Hangable

Art.	€	Size	Inserting tool	STI Taps	Wire-thread inserts
E011/M060X100C	€ 41,60	M 6 x 1.0	E011/U09	E011/M060X100M	10
E011/M080X125C	€ 41,60	M 8 x 1.25	E011/U11	E011/M080X125M	10
E011/M100X100C	€ 44,10	M 10 x 1.0	E011/U13	E011/M100X100M	10
E011/M100X125C	€ 44,10	M 10 x 1.25	E011/U13	E011/M100X125M	10
E011/M100X150C	€ 44,10	M 10 x 1.5	E011/U13	E011/M100X150M	10
E011/M120X125C	€ 52,20	M 12 x 1.25	E011/U15	E011/M120X125M	10
E011/M140X125C	€ 59,30	M 14 x 1.25	E011/U17	E011/M140X125M	5 x E010/M140X125E084 - 5 x E010/M140X125E124 - 5 x E010/M140X

E010-MXEXC

STAINLESS STEEL THREAD REPAIR INSERT

Specific for repairs or reinforcement of spark plug seats. With rhomboidal section, with spring shape, which creates two perfectly concentric threads; an external one that mates with the threaded hole previously made and an internal one that receives the screw



HSS INOX

Hangable

Art.	€	Dimensions	H	Pack
E010/M140X125E084	€ 0,76	M 14 x 1.25	8.4 mm	10
E010/M140X125E124	€ 0,68	M 14 x 1.25	12.4 mm	10
E010/M140X125E164	€ 0,75	M 14 x 1.25	16.4 mm	10

E011-M140X125EX

SOLID THREAD INSERT SPARK PLUG SET

Specific for repairs or reinforcement of spark plug seats



HSS INOX

Hangable

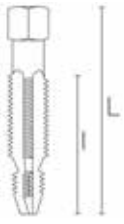
Art.	€	Size	H	Pack
E011/M140X125E095	€ 3,72	M 14 x 1.25	9.5 mm	10
E011/M140X125E112	€ 3,90	M 14 x 1.25	11.2 mm	10
E011/M140X125E127	€ 3,90	M 14 x 1.25	12.7 mm	10
E011/M140X125E175	€ 4,15	M 14 x 1.25	17.5 mm	10

E011/M140X125MCB € 37,20

METRIC COMBINED TAP FOR SOLID INSERT

Specific for the creation of reset threads on spark plug seats

HSS INOX





Size	M 16 x 1.25
Hexagon	18 mm
L	70 mm
l	32mm

E011/M140X125B € 63,10

METRIC SPARK PLUG SOLID THREAD REPAIR SET

Specific for repairs or reinforcement of spark plug seats





HSS INOX

STI Taps	E011/M140X125MCB
Wire-thread inserts	4 x H 9.5 mm - 4 x H 11.2 mm - 4 x H 12.7 mm - 4 x H 17.5 mm

E011/MC € 184,00

METRIC GLOW PLUG SOLID THREAD REPAIR SET

Specific for repairs or reinforcement of glow plug seats



33 Pcs Box HSS INOX

Sizes	8 mm - 10 mm - 12 mm
STI Taps	M8x1 - M10x1 - M10x1.25 - M12x1 - M12x1.25 - M14x1.25

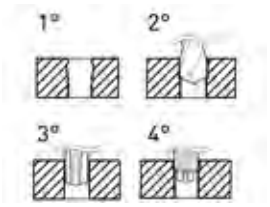
E011/BSW — € 218,00

1/4-1/2 BSW THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

115 Pcs | Carrying case | HSS | INOX

Sizes	BSW 1/4" - 1/2"
STI Taps	1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x12
Drills	6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-BSWX

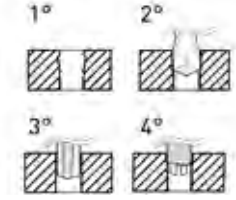
BSW THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Hangable | HSS | INOX

Art.	€	Thread	Boring bit	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/BSW1/8	**€ 34,20**	1/8" x 40	Ø 3.4 mm	E011/BSW1/8M	E011/U04	E011/A4	E010/BSW1/8E15	20
E011/BSW3/16	**€ 34,20**	3/16" x 24	Ø 5.0 mm	E011/BSW3/16M	E011/U08	E011/A8	E010/BSW3/16E15	20
E011/BSW1/4	**€ 31,10**	1/4" x 20	Ø 6.7 mm	E011/BSW1/4M	E011/U09	E011/A9	E010/BSW1/4E15	20
E011/BSW5/16	**€ 37,50**	5/16" x 18	Ø 8.3 mm	E011/BSW5/16M	E011/U10	E011/A11	E010/BSW5/16E15	20
E011/BSW3/8	**€ 39,90**	3/8" x 16	Ø 9.9 mm	E011/BSW3/8M	E011/U12	E011/A12	E010/BSW3/8E15	15
E011/BSW7/16	**€ 44,40**	7/16" x 14	Ø 11.5 mm	E011/BSW7/16M	E011/U14	E011/A14	E010/BSW7/16E15	10
E011/BSW1/2	**€ 48,40**	1/2" x 12	Ø 13.0 mm	E011/BSW1/2M	E011/U15	E011/A15	E010/BSW1/2E15	10
E011/BSW9/16	**€ 63,90**	9/16" x 12	-	E011/BSW9/16M	E011/U16	-	E010/BSW9/16E15	10
E011/BSW5/8	**€ 63,90**	5/8" x 11	-	E011/BSW5/8M	E011/U18	-	E010/BSW5/8E15	10
E011/BSW3/4	**€ 80,80**	3/4" x 10	-	E011/BSW3/4M	E011/U20	-	E010/BSW3/4E15	5
E011/BSW7/8	**€ 97,60**	7/8" x 9	-	E011/BSW7/8M	E011/U22	-	E010/BSW7/8E15	5
E011/BSW1	**€ 93,20**	1" x 8	-	E011/BSW1M	E011/U23	-	E010/BSW1E15	4





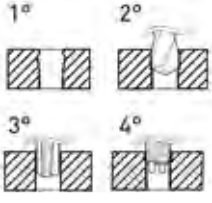
E011/BSF — € 218,00

1/4-1/2 BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

115 Pcs | Carrying case | HSS

Sizes	BSF 1/4" - 1/2"
STI Taps	1/4"x26-5/16"x22-3/8"x20-7/16"x18-1/2"x16
Drills	6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 - 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-BSFX

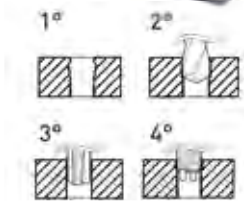
BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Hangable | HSS | INOX

Art.	€	Thread	Boring bit	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/BSF3/16	**€ 34,20**	3/16" x 32	Ø 5.0 mm	E011/BSF3/16M	E011/U07	E011/A06	E010/BSF3/16E15	20
E011/BSF1/4	**€ 31,10**	1/4" x 26	Ø 6.6 mm	E011/BSF1/4M	E011/U09	E011/A09	E010/BSF1/4E15	20
E011/BSF5/16	**€ 37,50**	5/16" x 22	Ø 8.3 mm	E011/BSF5/16M	E011/U11	E011/A11	E010/BSF5/16E15	20
E011/BSF3/8	**€ 39,90**	3/8" x 20	Ø 9.9 mm	E011/BSF3/8M	E011/U13	E011/A13	E010/BSF3/8E15	15
E011/BSF7/16	**€ 44,40**	7/16" x 18	Ø 11.5 mm	E011/BSF7/16M	E011/U14	E011/A14	E010/BSF7/16E15	10
E011/BSF1/2	**€ 48,40**	1/2" x 16	Ø 13.0 mm	E011/BSF1/2M	E011/U15	E011/A15	E010/BSF1/2E15	10
E011/BSF9/16	**€ 63,90**	9/16" x 16	-	E011/BSF9/16M	E011/U16	-	E010/BSF9/16E15	10
E011/BSF5/8	**€ 63,90**	5/8" x 14	-	E011/BSF5/8M	E011/U18	-	E010/BSF5/8E15	10
E011/BSF3/4	**€ 80,80**	3/4" x 12	-	E011/BSF3/4M	E011/U20	-	E010/BSF3/4E15	5
E011/BSF7/8	**€ 97,60**	7/8" x 11	-	E011/BSF7/8M	E011/U22	-	E010/BSF7/8E15	5
E011/BSF1	**€ 93,20**	1" x 10	-	E011/BSF1M	E011/U23	-	E010/BSF1E15	4





E011-BSPX

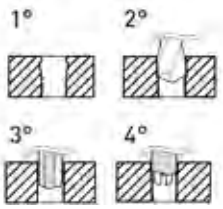
BSP THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS INOX

Hangable

Art.	€	Thread	Taps	Wire-thread inserts	Inserts quantity
E011/BSP1/8	€ 69,60	1/8" x 28	E011/BSP1/8M	E010/BSP1/8ME15	10
E011/BSP1/4	€ 78,40	1/4" x 19	E011/BSP1/4M	E010/BSP1/4ME15	10
E011/BSP3/8	€ 86,10	3/8" x 19	E011/BSP3/8M	E010/BSP3/8ME15	10
E011/BSP1/2	€ 110,00	1/2" x 14	E011/BSP1/2M	E010/BSP1/2ME15	10
E011/BSP5/8	€ 224,00	5/8" x 14	E011/BSP5/8M	E010/BSP5/8ME15	10
E011/BSP3/4	€ 224,00	3/4" x 14	E011/BSP3/4M	E010/BSP3/4ME15	10
E011/BSP7/8	€ 311,00	7/8" x 14	E011/BSP7/8M	E010/BSP7/8ME15	10
E011/BSP1	€ 314,00	1" x 11	E011/BSP1M	E010/BSP1ME15	10





E011/UNC

€ 218,00

1/4-1/2 UNC THREAD REPAIR F-COIL SET

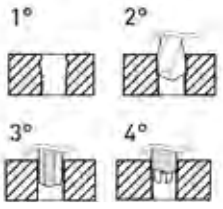
Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS

115 Pcs

Carrying case

Sizes	UNC 1/4" - 1/2"
STI Taps	1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x13
Drills	6.7 mm - 8.6.7 mm - 8.3 mm - 9.9 mm - 11.6 mm - 13.0 mm3 mm - 9.
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-UNCX

UNC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Art.	€	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNCN02	€ 36,80	No. 2 x 56	Ø 2.4 mm	E011/UNCN02M	E011/U02	E011/A02	E010/UNCN02E15	20
E011/UNCN04	€ 33,40	No. 4 x 40	Ø 3.1 mm	E011/UNCN04M	E011/U04	E011/A04	E010/UNCN04E15	20
E011/UNCN05	€ 33,40	No. 5 x 40	Ø 3.4 mm	E011/UNCN05M	E011/U04	E011/A04	E010/UNCN05E15	20
E011/UNCN06	€ 33,40	No. 6 x 32	Ø 3.8 mm	E011/UNCN06M	E011/U05	E011/A05	E010/UNCN06E15	20
E011/UNCN08	€ 33,40	No. 8 x 32	Ø 4.4 mm	E011/UNCM08M	E011/U06	E011/A06	E010/UNCN08E15	20
E011/UNCN10	€ 33,40	No. 10 x 24	Ø 5.2 mm	E011/UNCM10M	E011/U07	E011/A06	E010/UNCN10E15	20
E011/UNCN12	€ 33,40	No. 12 x 24	Ø 5.8 mm	E011/UNCM12M	E011/U08	E011/A08	E010/UNCN12E15	20
E011/UNC1/4	€ 30,20	1/4" x 20	Ø 6.7 mm	E011/UNC1/4M	E011/U09	E011/A09	E010/UNC1/4E15	20
E011/UNC5/16	€ 36,70	5/16" x 18	Ø 8.3 mm	E011/UNC5/16M	E011/U10	E011/A11	E010/UNC5/16E15	20
E011/UNC3/8	€ 39,00	3/8" x 16	Ø 9.9 mm	E011/UNC3/8M	E011/U06	E011/A06	E010/UNC3/8E15	20
E011/UNC7/16	€ 43,50	7/16" x 14	Ø 11.6 mm	E011/UNC7/16M	E011/U14	E011/A14	E010/UNC7/16E15	10
E011/UNC1/2	€ 47,60	1/2" x 13	Ø 13.0 mm	E011/UNC1/2M	E011/U15	E011/A15	E010/UNC1/2E15	10
E011/UNC9/16	€ 63,00	9/16" x 12	-	E011/UNC9/16M	E011/U16	-	E010/UNC9/16E15	10
E011/UNC5/8	€ 63,00	5/8" x 1	-	E011/UNC5/8M	E011/U18	-	E010/UNC5/8E15	10
E011/UNC3/4	€ 79,90	3/4" x 10	-	E011/UNC3/4M	E011/U20	-	E010/UNC3/4E15	5
E011/UNC7/8	€ 96,70	7/8" x 9	-	E011/UNC7/8M	E011/U22	-	E010/UNC7/8E15	5
E011/UNC1	€ 92,30	1" x 8	-	E011/UNC1M	E011/U23	-	E010/UNC1E15	4



HSS INOX

Hangable

E011/UNF

€ 218,00

1/4-1/2 UNF THREAD REPAIR F-COIL SET

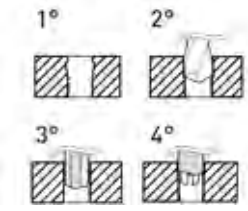
Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS

115 Pcs

Carrying case

Sizes	UNF 1/4" - 1/2"
STI Taps	1/4"x28-5/16"x24-3/8"x24-7/16"x20-1/2"x20
Drills	6.7 mm - 8.3 mm - 9.8 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 - 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-UNFX

UNF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS INOX

Hangable



Art.	€	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNFN06	€ 33,40	No. 6 x 40	Ø 3.8 mm	E011/UNFN06M	E011/U05	E011/A05	E010/UNFN06E15	20
E011/UNFN08	€ 33,40	No. 8 x 36	Ø 4.4 mm	E011/UNFN08M	E011/U06	E011/A06	E010/UNFN08E15	20
E011/UNFN10	€ 33,40	No. 10 x 32	Ø 5.1 mm	E011/UNFN10M	E011/U08	E011/A08	E010/UNFN10E15	20
E011/UNF1/4	€ 30,20	1/4" x 28	Ø 6.7 mm	E011/UNF1/4M	E011/U09	E011/A09	E010/UNF1/4E15	20
E011/UNF5/16	€ 36,70	5/16" x 24	Ø 8.3 mm	E011/UNF5/16M	E011/U11	E011/A11	E010/UNF5/16E15	20
E011/UNF3/8	€ 39,00	3/8" x 24	Ø 9.8 mm	E011/UNF3/8M	E011/U13	E011/A13	E010/UNF3/8E15	15
E011/UNF7/16	€ 43,50	7/16" x 20	Ø 11.5 mm	E011/UNF7/16M	E011/U14	E011/A14	E010/UNF7/16E15	10
E011/UNF1/2	€ 47,60	1/2" x 20	Ø 13.0 mm	E011/UNF1/2M	E011/U15	E011/A15	E010/UNF1/2E15	10
E011/UNF9/16	€ 63,00	9/16" x 18	-	E011/UNF9/16M	E011/U16	-	E010/UNF9/16E15	10
E011/UNF5/8	€ 63,00	5/8" x 18	-	E011/UNF5/8M	E011/U18	-	E010/UNF5/8E15	10
E011/UNF3/4	€ 79,90	3/4" x 16	-	E011/UNF3/4M	E011/U21	-	E010/UNF3/4E15	5
E011/UNF7/8	€ 96,70	7/8" x 14	-	E011/UNF7/8M	E011/U22	-	E010/UNF7/8E15	5
E011/UNF1	€ 92,30	1" x 12	-	E011/UNF112M	E011/U23	-	E010/UNF1E15	4

E010-MXE1

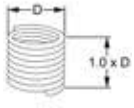
STAINLESS STEEL THREAD REPAIR INSERT H=1XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



INOX

Hangable



Art.	€	D	Pack
E010/M020X040E1	€ 0,65	M 2 x 0.4	25
E010/M022X045E1	€ 0,65	M 2.2 x 0.45	25
E010/M025X045E1	€ 0,20	M 2.5 x 0.45	25
E010/M030X050E1	€ 0,20	M 3 x 0.5	25
E010/M035X060E1	€ 0,22	M 3.5 x 0.6	25
E010/M040X070E1	€ 0,20	M 4 x 0.7	25
E010/M050X080E1	€ 0,22	M 5 x 0.8	25
E010/M060X100E1	€ 0,25	M 6 x 1.0	25
E010/M070X100E1	€ 0,26	M 7 x 1.0	25
E010/M080X100E1	€ 0,29	M 8 x 1.0	25
E010/M080X125E1	€ 0,25	M 8 x 1.25	25
E010/M090X125E1	€ 0,35	M 9 x 1.25	25
E010/M100X100E1	€ 0,31	M 10 x 1.0	25
E010/M100X125E1	€ 0,31	M 10 x 1.25	25
E010/M100X150E1	€ 0,31	M 10 x 1.5	25
E010/M110X150E1	€ 0,53	M 11 x 1.5	10
E010/M120X100E1	€ 0,47	M 12 x 1.0	10
E010/M120X125E1	€ 0,47	M 12 x 1.25	10
E010/M120X150E1	€ 0,47	M 12 x 1.5	10
E010/M120X175E1	€ 0,47	M 12 x 1.75	10
E010/M140X100E1	€ 0,80	M 14 x 1.0	10
E010/M140X125E1	€ 0,66	M 14 x 1.25	10
E010/M140X150E1	€ 0,66	M 14 x 1.5	10
E010/M140X200E1	€ 0,66	M 14 x 2.0	10
E010/M160X150E1	€ 0,90	M 16 x 1.5	10
E010/M160X200E1	€ 0,90	M 16 x 2.0	10
E010/M180X150E1	€ 1,30	M 18 x 1.5	10
E010/M180X200E1	€ 1,30	M 18 x 2.0	10
E010/M180X250E1	€ 1,30	M 18 x 2.5	10
E010/M200X150E1	€ 1,52	M 20 x 1.5	10
E010/M200X200E1	€ 1,52	M 20 x 2.0	10
E010/M200X250E1	€ 1,52	M 20 x 2.5	10
E010/M220X150E1	€ 1,65	M 22 x 1.5	5
E010/M220X200E1	€ 1,65	M 22 x 2.0	5
E010/M220X250E1	€ 1,65	M 22 x 2.5	5
E010/M240X150E1	€ 2,07	M 24 x 1.5	5
E010/M240X200E1	€ 2,07	M 24 x 2.0	5
E010/M240X300E1	€ 2,07	M 24 x 3.0	5



E010-MXE15

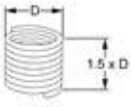
STAINLESS STEEL THREAD REPAIR INSERT H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E15	€ 0,84	M 2 x 0.4	25
E010/M022X045E15	€ 0,84	M 2.2 x 0.45	25
E010/M025X045E15	€ 0,21	M 2.5 x 0.45	25
E010/M030X050E15	€ 0,21	M 3 x 0.5	25
E010/M035X060E15	€ 0,25	M 3.5 x 0.6	25
E010/M040X070E15	€ 0,21	M 4 x 0.7	25
E010/M050X080E15	€ 0,19	M 5 x 0.8	25
E010/M060X100E15	€ 0,20	M 6 x 1.0	25
E010/M070X100E15	€ 0,31	M 7 x 1.0	25
E010/M080X100E15	€ 0,29	M 8 x 1.0	25
E010/M080X125E15	€ 0,25	M 8 x 1.25	25
E010/M090X100E15	€ 0,55	M 9 x 1.0	25
E010/M090X125E15	€ 0,47	M 9 x 1.25	25
E010/M100X100E15	€ 0,35	M 10 x 1.0	25
E010/M100X125E15	€ 0,35	M 10 x 1.25	25
E010/M100X150E15	€ 0,35	M 10 x 1.5	25
E010/M110X150E15	€ 0,59	M 11 x 1.5	10
E010/M120X100E15	€ 0,54	M 12 x 1.0	10
E010/M120X125E15	€ 0,54	M 12 x 1.25	10
E010/M120X150E15	€ 0,54	M 12 x 1.5	10
E010/M120X175E15	€ 0,54	M 12 x 1.75	10
E010/M140X100E15	€ 0,64	M 14 x 1.0	10
E010/M140X125E15	€ 0,64	M 14 x 1.25	10
E010/M140X150E15	€ 0,64	M 14 x 1.50	10
E010/M140X200E15	€ 0,64	M 14 x 2.0	10
E010/M160X150E15	€ 0,74	M 16 x 1.5	10
E010/M160X200E15	€ 0,74	M 16 x 2.0	10
E010/M180X150E15	€ 1,14	M 18 x 1.5	10
E010/M180X200E15	€ 1,14	M 18 x 2.0	10
E010/M180X250E15	€ 1,14	M 18 x 2.5	10
E010/M200X150E15	€ 1,46	M 20 x 1.5	10
E010/M200X200E15	€ 1,46	M 20 x 2.0	10
E010/M200X250E15	€ 1,46	M 20 x 2.5	10
E010/M220X150E15	€ 2,07	M 22 x 1.5	5
E010/M220X200E15	€ 2,07	M 22 x 2.0	5
E010/M220X250E15	€ 2,07	M 22 x 2.5	5
E010/M240X150E15	€ 2,20	M 24 x 1.5	5
E010/M240X200E15	€ 2,20	M 24 x 2.0	5
E010/M240X300E15	€ 2,20	M 24 x 3.0	5
E010/M260X150E15	€ 4,12	M 26 x 1.5	5
E010/M270X150E15	€ 4,12	M 27 x 1.5	5
E010/M270X200E15	€ 4,12	M 27 x 2.0	5
E010/M270X300E15	€ 4,12	M 27 x 3.0	5
E010/M280X150E15	€ 4,12	M 28 x 1.5	5
E010/M300X150E15	€ 5,00	M 30 x 1.5	5
E010/M300X200E15	€ 5,00	M 30 x 2.0	5
E010/M300X350E15	€ 5,00	M 30 x 3.5	5
E010/M330X200E15	€ 5,90	M 33 x 2.0	5
E010/M330X350E15	€ 5,90	M 33 x 3.5	5
E010/M360X150E15	€ 5,90	M 36 x 1.5	5
E010/M360X200E15	€ 5,90	M 36 x 2.0	5
E010/M360X300E15	€ 5,90	M 36 x 3.0	5
E010/M360X400E15	€ 5,90	M 36 x 4.0	5
E010/M390X300E15	€ 13,00	M 39 x 3.0	5
E010/M390X400E15	€ 13,00	M 39 x 4.0	5
E010/M400X300E15	€ 18,10	M 40 x 3.0	5
E010/M420X300E15	€ 18,10	M 42 x 3.0	5
E010/M420X450E15	€ 18,10	M 42 x 4.5	5
E010/M450X300E15	€ 21,70	M 45 x 3.0	5
E010/M450X450E15	€ 21,70	M 45 x 4.5	5
E010/M480X300E15	€ 21,70	M 48 x 3.0	5
E010/M480X500E15	€ 28,50	M 48 x 5.0	5
E010/M500X300E15	€ 28,50	M 50 x 3.0	5
E010/M520X300E15	€ 30,60	M 52 x 3.0	5
E010/M520X500E15	€ 30,60	M 52 x 5.0	5

E010-MXE2

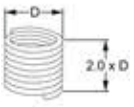
STAINLESS STEEL THREAD REPAIR INSERT H=2XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E2	€ 0,98	M 2 x 0.4	25
E010/M022X045E2	€ 0,98	M 2.2 x 0.45	25
E010/M025X045E2	€ 0,22	M 2.5 x 0.45	25
E010/M030X050E2	€ 0,22	M 3 x 0.5	25
E010/M035X060E2	€ 0,25	M 3.5 x 0.6	25
E010/M040X070E2	€ 0,22	M 4 x 0.7	25
E010/M050X080E2	€ 0,25	M 5 x 0.8	25
E010/M060X100E2	€ 0,29	M 6 x 1.0	25
E010/M070X100E2	€ 0,35	M 7 x 1.0	25
E010/M080X100E2	€ 0,37	M 8 x 1.0	25
E010/M080X125E2	€ 0,35	M 8 x 1.25	25
E010/M090X125E2	€ 0,47	M 9 x 1.25	25
E010/M100X100E2	€ 0,40	M 10 x 1.0	25
E010/M100X125E2	€ 0,40	M 10 x 1.25	25
E010/M100X150E2	€ 0,40	M 10 x 1.5	25
E010/M110X150E2	€ 0,64	M 11 x 1.5	10
E010/M120X100E2	€ 0,61	M 12 x 1.0	10
E010/M120X125E2	€ 0,61	M 12 x 1.25	10
E010/M120X150E2	€ 0,61	M 12 x 1.5	10
E010/M120X175E2	€ 0,61	M 12 x 1.75	10
E010/M140X100E2	€ 0,79	M 14 x 1.0	10
E010/M140X125E2	€ 0,79	M 14 x 1.25	10
E010/M140X150E2	€ 0,79	M 14 x 1.5	10
E010/M140X200E2	€ 0,79	M 14 x 2.0	10
E010/M160X150E2	€ 1,16	M 16 x 1.5	10
E010/M160X200E2	€ 1,16	M 16 x 2.0	10
E010/M180X150E2	€ 2,07	M 18 x 1.5	10
E010/M180X200E2	€ 2,07	M 18 x 2.0	10
E010/M180X250E2	€ 2,07	M 18 x 2.5	10
E010/M200X150E2	€ 2,47	M 20 x 1.5	10
E010/M200X200E2	€ 2,47	M 20 x 2.0	10
E010/M200X250E2	€ 2,47	M 20 x 2.5	10
E010/M220X150E2	€ 2,62	M 22 x 1.5	5
E010/M220X200E2	€ 2,62	M 22 x 2.0	5
E010/M220X250E2	€ 2,62	M 22 x 2.5	5
E010/M240X150E2	€ 2,74	M 24 x 1.5	5
E010/M240X200E2	€ 2,74	M 24 x 2.0	5
E010/M240X300E2	€ 2,74	M 24 x 3.0	5

E010-MXE25

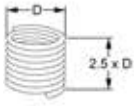
STAINLESS STEEL THREAD REPAIR INSERT H=2.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E25	€ 1,10	2 x 0.4	25
E010/M022X045E25	€ 1,10	2.2 x 0.45	25
E010/M025X045E25	€ 0,26	2.5 x 0.45	25
E010/M030X050E25	€ 0,26	3 x 0.5	25
E010/M035X060E25	€ 0,29	3.5 x 0.6	25
E010/M040X070E25	€ 0,26	4 x 0.7	25
E010/M050X080E25	€ 0,30	5 x 0.8	25
E010/M060X100E25	€ 0,35	6 x 1.0	25
E010/M070X100E25	€ 0,42	7 x 1.0	25
E010/M080X100E25	€ 0,44	8 x 1.0	25
E010/M080X125E25	€ 0,42	8 x 1.25	25
E010/M090X125E25	€ 0,52	9 x 1.25	25
E010/M100X100E25	€ 0,48	10 x 1.0	25
E010/M100X125E25	€ 0,48	10 x 1.25	25
E010/M100X150E25	€ 0,48	10 x 1.5	25
E010/M110X150E25	€ 0,72	11 x 1.5	10
E010/M120X100E25	€ 0,72	12 x 1.0	10
E010/M120X125E25	€ 0,72	12 x 1.25	10
E010/M120X150E25	€ 0,72	12 x 1.5	10
E010/M120X175E25	€ 0,72	12 x 1.75	10
E010/M140X100E25	€ 0,95	14 x 1.0	10
E010/M140X125E25	€ 0,95	14 x 1.25	10
E010/M140X150E25	€ 0,95	14 x 1.5	10
E010/M140X200E25	€ 0,95	14 x 2.0	10
E010/M160X150E25	€ 1,26	16 x 1.5	10
E010/M160X200E25	€ 1,26	16 x 2.0	10
E010/M180X150E25	€ 2,34	18 x 1.5	10
E010/M180X200E25	€ 2,34	18 x 2.0	10
E010/M180X250E25	€ 2,34	18 x 2.5	10
E010/M200X150E25	€ 2,74	20 x 1.5	10
E010/M200X200E25	€ 2,74	20 x 2.0	10
E010/M200X250E25	€ 2,74	20 x 2.5	10
E010/M220X150E25	€ 3,02	22 x 1.5	5
E010/M220X200E25	€ 3,02	22 x 2.0	5
E010/M220X250E25	€ 3,02	22 x 2.5	5
E010/M240X150E25	€ 3,29	24 x 1.5	5
E010/M240X200E25	€ 3,29	24 x 2.0	5
E010/M240X300E25	€ 3,29	24 x 3.0	5

E010-MXE3

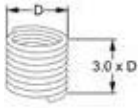
STAINLESS STEEL THREAD REPAIR INSERT H=3XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E3	€ 1,37	M 2 x 0.4	25
E010/M022X045E3	€ 1,37	M 2.2 x 0.45	25
E010/M025X045E3	€ 0,31	M 2.5 x 0.45	25
E010/M030X050E3	€ 0,31	M 3 x 0.5	25
E010/M035X060E3	€ 0,35	M 3.5 x 0.6	25
E010/M040X070E3	€ 0,29	M 4 x 0.7	25
E010/M050X080E3	€ 0,36	M 5 x 0.8	25
E010/M060X100E3	€ 0,43	M 6 x 1.0	25
E010/M070X100E3	€ 0,49	M 7 x 1.0	25
E010/M080X100E3	€ 0,54	M 8 x 1.0	25
E010/M080X125E3	€ 0,49	M 8 x 1.25	25
E010/M090X125E3	€ 0,61	M 9 x 1.25	25
E010/M100X100E3	€ 0,58	M 10 x 1.0	25
E010/M100X125E3	€ 0,58	M 10 x 1.25	25
E010/M100X150E3	€ 0,58	M 10 x 1.5	25
E010/M110X150E3	€ 0,86	M 11 x 1.5	10
E010/M120X100E3	€ 0,86	M 12 x 1.0	10
E010/M120X125E3	€ 0,86	M 12 x 1.25	10
E010/M120X150E3	€ 0,86	M 12 x 1.5	10
E010/M120X175E3	€ 0,86	M 12 x 1.75	10
E010/M140X100E3	€ 1,16	M 14 x 1.0	10
E010/M140X125E3	€ 1,16	M 14 x 1.25	10
E010/M140X150E3	€ 1,16	M 14 x 1.5	10
E010/M140X200E3	€ 1,37	M 14 x 2.0	10
E010/M160X150E3	€ 1,37	M 16 x 1.5	10
E010/M160X200E3	€ 1,37	M 16 x 2.0	10
E010/M180X150E3	€ 2,74	M 18 x 1.5	10
E010/M180X200E3	€ 2,74	M 18 x 2.0	10
E010/M180X250E3	€ 2,74	M 18 x 2.5	10
E010/M200X150E3	€ 3,17	M 20 x 1.5	10
E010/M200X200E3	€ 3,17	M 20 x 2.0	10
E010/M200X250E3	€ 3,17	M 20 x 2.5	10
E010/M220X150E3	€ 3,44	M 22 x 1.5	5
E010/M220X200E3	€ 3,44	M 22 x 2.0	5
E010/M220X250E3	€ 3,44	M 22 x 2.5	5
E010/M240X150E3	€ 3,84	M 24 x 1.5	5
E010/M240X200E3	€ 3,84	M 24 x 2.0	5
E010/M240X300E3	€ 3,84	M 24 x 3.0	5



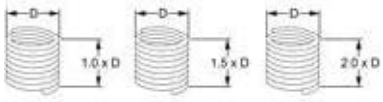
E010-MXEXA

SELF-LOCK STAINLESS STEEL THREAD REPAIR INSERT

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



INOX



Art.	€	D	Height	Pack
E010/M030X050E1A	€ 0,30	M 3 x 0.5	1.0 D	25
E010/M040X070E1A	€ 0,30	M 4 x 0.7	1.0 D	25
E010/M050X080E1A	€ 0,35	M 5 x 0.8	1.0 D	25
E010/M060X100E1A	€ 0,38	M 6 x 1.0	1.0 D	25
E010/M080X125E1A	€ 0,40	M 8 x 1.25	1.0 D	25
E010/M100X150E1A	€ 0,52	M 10 x 1.5	1.0 D	25
E010/M120X175E1A	€ 0,74	M 12 x 1.75	1.0 D	10
E010/M140X200E1A	€ 1,07	M 14 x 2.0	1.0 D	10
E010/M160X200E1A	€ 1,43	M 16 x 2.0	1.0 D	10
E010/M030X050E15A	€ 0,33	M 3 x 0.5	1.5 D	25
E010/M040X070E15A	€ 0,33	M 4 x 0.7	1.5 D	25
E010/M050X080E15A	€ 0,36	M 5 x 0.8	1.5 D	25
E010/M060X100E15A	€ 0,42	M 6 x 1.0	1.5 D	25
E010/M080X125E15A	€ 0,46	M 8 x 1.5	1.5 D	25
E010/M100X150E15A	€ 0,55	M 10 x 1.5	1.5 D	25
E010/M120X175E15A	€ 0,85	M 12 x 1.75	1.5 D	10
E010/M140X200E15A	€ 1,21	M 14 x 2.0	1.5 D	10
E010/M160X200E15A	€ 1,50	M 16 x 2.0	1.5 D	10
E010/M030X050E2A	€ 0,35	M 3 x 0.5	2.0 D	25
E010/M040X070E2A	€ 0,35	M 4 x 0.7	2.0 D	25
E010/M050X080E2A	€ 0,40	M 5 x 0.8	2.0 D	25
E010/M060X100E2A	€ 0,46	M 6 x 1.0	2.0 D	25
E010/M080X125E2A	€ 0,55	M 8 x 1.25	2.0 D	25
E010/M100X150E2A	€ 0,64	M 10 x 1.5	2.0 D	25
E010/M120X175E2A	€ 0,97	M 12 x 1.75	2.0 D	10
E010/M140X200E2A	€ 1,26	M 14 x 2.0	2.0 D	10
E010/M160X200E2A	€ 1,84	M 16 x 2.0	2.0 D	10

E010-BSWXEX

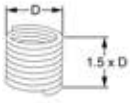
STAINLESS STEEL THREAD REPAIR INSERT BSW H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/BSW1/8E15	€ 1,01	1/8" x 40	10
E010/BSW3/16E15	€ 1,01	3/16" x 24	10
E010/BSW1/4E15	€ 0,47	1/4" x 20	10
E010/BSW5/16E15	€ 0,55	5/16" x 18	10
E010/BSW3/8E15	€ 0,86	3/8" x 16	10
E010/BSW7/16E15	€ 1,01	7/16" x 14	10
E010/BSW1/2E15	€ 1,01	1/2" x 12	10
E010/BSW9/16E15	€ 3,20	9/16" x 12	5
E010/BSW5/8E15	€ 3,20	5/8" x 11	5
E010/BSW3/4E15	€ 3,66	3/4" x 10	5
E010/BSW7/8E15	€ 5,50	7/8" x 9	5
E010/BSW1E15	€ 5,90	1" x 8	5

E010-BSFXEX

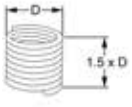
STAINLESS STEEL THREAD REPAIR INSERT BSF H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/BSF3/16E15	€ 1,01	3/16" x 32	10
E010/BSF1/4E15	€ 0,47	1/4" x 26	10
E010/BSF5/16E15	€ 0,55	5/16" x 22	10
E010/BSF3/8E15	€ 0,86	3/8" x 20	10
E010/BSF7/16E15	€ 1,01	7/16" x 18	10
E010/BSF1/2E15	€ 1,01	1/2" x 16	10
E010/BSF9/16E15	€ 3,48	9/16" x 16	5
E010/BSF5/8E15	€ 3,48	5/8" x 14	5
E010/BSF3/4E15	€ 4,39	3/4" x 12	5
E010/BSF7/8E15	€ 5,50	7/8" x 11	5
E010/BSF1E15	€ 5,50	1" x 10	5

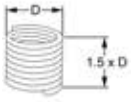
E010-BSPXEX

STAINLESS STEEL THREAD REPAIR INSERT BSP H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/BSP1/8E15	€ 0,78	1/8" x 28	10
E010/BSP1/4E15	€ 0,91	1/4" x 19	10
E010/BSP3/8E15	€ 1,19	3/8" x 19	10
E010/BSP1/2E15	€ 1,36	1/2" x 14	10
E010/BSP5/8E15	€ 3,66	5/8" x 14	5
E010/BSP3/4E15	€ 3,66	3/4" x 14	5
E010/BSP7/8E15	€ 11,00	7/8" x 14	5
E010/BSP1E15	€ 11,00	1" x 11	5

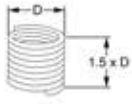
E010-UNFXEX

STAINLESS STEEL THREAD REPAIR INSERT UNF H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/UNFN04E15	€ 0,99	No. 4 x 48	10
E010/UNFN06E15	€ 0,99	No. 6 x 40	10
E010/UNFN08E15	€ 0,99	No. 8 x 36	10
E010/UNFN10E15	€ 0,39	No. 10 x 32	10
E010/UNF1/4E15	€ 0,39	1/4" x 28	10
E010/UNF5/16E15	€ 0,56	5/16" x 24	10
E010/UNF3/8E15	€ 0,81	3/8" x 24	10
E010/UNF7/16E15	€ 1,08	7/16" x 20	10
E010/UNF1/2E15	€ 1,08	1/2" x 20	10
E010/UNF9/16E15	€ 2,25	9/16" x 18	5
E010/UNF5/8E15	€ 2,25	5/8" x 18	5
E010/UNF3/4E15	€ 2,25	3/4" x 16	5
E010/UNF7/8E15	€ 5,80	7/8" x 14	5
E010/UNF1E15	€ 5,80	1" x 12	5

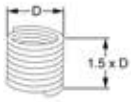
E010-UNCXEX

STAINLESS STEEL THREAD REPAIR INSERT UNC H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/UNCN02E15	€ 1,14	No. 2 x 56	10
E010/UNCN04E15	€ 0,35	No. 4 x 40	10
E010/UNCN05E15	€ 0,42	No. 5 x 40	10
E010/UNCN06E15	€ 0,33	No. 6 x 32	10
E010/UNCN08E15	€ 0,33	No. 8 x 32	10
E010/UNCN10E15	€ 0,37	No. 10 x 24	10
E010/UNCN12E15	€ 0,44	No. 12 x 24	10
E010/UNC1/4E15	€ 0,44	1/4" x 20	10
E010/UNC5/16E15	€ 0,62	5/16" x 18	10
E010/UNC3/8E15	€ 0,81	3/8" x 16	10
E010/UNC7/16E15	€ 1,08	7/16" x 14	10
E010/UNC1/2E15	€ 1,08	1/2" x 13	10
E010/UNC9/16E15	€ 1,16	9/16" x 12	5
E010/UNC5/8E15	€ 2,32	5/8" x 11	5
E010/UNC3/4E15	€ 3,29	3/4" x 10	5
E010/UNC7/8E15	€ 4,94	7/8" x 9	5
E010/UNC1E15	€ 4,94	1" x 8	5

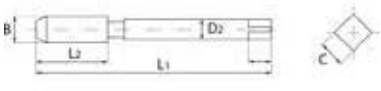
E011-MXM

METRIC F-COIL STI TAP

Special type for creating the threaded insert housing seat



Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use



Art.	€	Size	B	L1	L2	D2	C
E011/M020X040M	€ 10,40	M 2 x 0.40	2.5 mm	44.5 mm	9.5 mm	2.8 mm	2.24 mm
E011/M025X045M	€ 10,40	M 2.5 x 0.45	3.1 mm	48.0 mm	11.0 mm	3.15 mm	2.5 mm
E011/M030X050M	€ 10,40	M 3 x 0.5	3.6 mm	53.0 mm	13.0 mm	4.0 mm	3.15 mm
E011/M035X060M	€ 10,40	M 3.5 x 0.6	4.3 mm	53.0 mm	13.0 mm	4.5 mm	3.55 mm
E011/M040X070M	€ 10,40	M 4 x 0.7	4.9 mm	58 mm	16.0 mm	5.0 mm	4.00 mm
E011/M050X080M	€ 10,40	M 5 x 0.8	6.0 mm	66.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/M060X100M	€ 10,40	M 6 x 1.0	7.3 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/M070X100M	€ 12,10	M 7 x 1.0	8.3 mm	72.0 mm	22.0 mm	9.0 mm	7.10 mm
E011/M080X100M	€ 12,10	M 8 x 1.0	9.3 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/M080X125M	€ 12,10	M 8 x 1.25	9.6 mm	80.0 mm	24.0 mm	8.0 mm	8.00 mm
E011/M090X100M	€ 13,80	M 9 x 1.0	10.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M090X125M	€ 13,80	M 9 x 1.25	10.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X100M	€ 13,80	M 10 x 1.0	11.3 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X125M	€ 13,80	M 10 x 1.25	11.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X150M	€ 13,80	M 10 x 1.5	11.9 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/M110X150M	€ 18,10	M 11 x 1.5	12.9 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/M120X100M	€ 18,10	M 12 x 1.0	13.3 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M120X125M	€ 19,00	M 12 x 1.25	13.6 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M120X150M	€ 19,00	M 12 x 1.5	14.0 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm

Art.	€	Size	B	L1	L2	D2	C
E011/M120X175M	€ 19,00	M 12 x 1.75	14.3 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M140X100M	€ 21,60	M 14 x 1.0	15.3 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X125M	€ 21,60	M 14 x 1.25	15.6 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X150M	€ 21,60	M 14 x 1.5	16.0 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X200M	€ 21,60	M 14 x 2.0	16.6 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M160X150M	€ 26,80	M 16 x 1.5	18.0 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M160X200M	€ 26,80	M 16 x 2.0	18.6 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/M180X150M	€ 28,50	M 18 x 1.5	20.0 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M180X200M	€ 28,50	M 18 x 2.0	20.6 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M180X250M	€ 28,50	M 18 x 2.5	21.3 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/M200X150M	€ 31,90	M 20 x 1.5	22.0 mm	113.0 mm	33.0 mm	16.0 mm	12.50 mm
E011/M200X200M	€ 31,90	M 20 x 2.0	22.6 mm	113.0 mm	33.0 mm	16.0 mm	12.50 mm
E011/M200X250M	€ 31,90	M 20 x 2.5	23.3 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/M220X150M	€ 40,60	M 22 x 1.5	24.0 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M220X200M	€ 40,60	M 22 x 2.0	24.6 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M220X250M	€ 40,60	M 22 x 2.5	25.3 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/M240X150M	€ 43,30	M 24 x 1.5	26.0 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M240X200M	€ 43,30	M 24 x 2.0	26.6 mm	127.0 mm	37.0 mm	20.0 mm	16.00 mm
E011/M240X300M	€ 43,30	M 24 x 3.0	27.9 mm	138.0 mm	48.0 mm	20.0 mm	16.00 mm

E011-MXM2

METRIC F-COIL 2 PCS STI TAPS

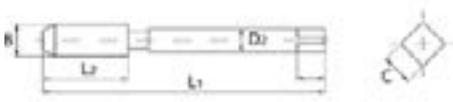
Special type for creating the threaded insert housing seat

Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use

Art.	€	Size	B	L1	L2	D2	C
E011/M260X150M	€ 143,00	M 26 x 1.5	28.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X150M	€ 143,00	M 27 x 1.5	29.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X200M	€ 143,00	M 27 x 2.0	29.6 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X300M	€ 143,00	M 27 x 3.0	30.9 mm	151 mm	51 mm	22.4 mm	18.0 mm
E011/M280X150M	€ 173,00	M 28 x 1.5	30.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M300X150M	€ 173,00	M 30 x 1.5	32.0 mm	137 mm	37 mm	22.4 mm	18.0 mm
E011/M300X200M	€ 173,00	M 30 x 2.0	32.6 mm	137 mm	37 mm	22.4 mm	18.0 mm
E011/M300X350M	€ 173,00	M 30 x 3.5	34.6 mm	162 mm	57 mm	25.0 mm	20.0 mm
E011/M330X200M	€ 173,00	M 33 x 2.0	35.6 mm	144 mm	37 mm	25.0 mm	20.0 mm
E011/M330X350M	€ 173,00	M 33 x 3.5	37.6 mm	162 mm	57 mm	25.0 mm	20.0 mm
E011/M360X150M	€ 199,00	M 36 x 1.5	38.0 mm	150 mm	39 mm	28.0 mm	22.4 mm
E011/M360X200M	€ 199,00	M 36 x 2.0	38.6 mm	150 mm	39 mm	28.0 mm	22.4 mm
E011/M360X300M	€ 199,00	M 36 x 3.0	39.9 mm	170 mm	60 mm	28.0 mm	22.4 mm
E011/M360X400M	€ 199,00	M 36 x 4.0	41.2 mm	170 mm	60 mm	28.0 mm	22.4 mm
E011/M390X300M	€ 300,00	M 39 x 3.0	42.9 mm	149 mm	39 mm	28.0 mm	26.0 mm
E011/M390X400M	€ 256,00	M 39 x 4.0	44.2 mm	187 mm	67 mm	31.5 mm	28.0 mm
E011/M400X300M	€ 256,00	M 40 x 3.0	43.9 mm	149 mm	39 mm	28.0 mm	26.0 mm
E011/M420X300M	€ 423,00	M 42 x 3.0	45.9 mm	165 mm	45 mm	31.5 mm	28.0 mm
E011/M420X450M	€ 278,00	M 42 x 4.5	47.9 mm	187 mm	67 mm	31.5 mm	28.0 mm
E011/M450X300M	€ 423,00	M 45 x 3.0	48.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M450X450M	€ 323,00	M 45 x 4.5	50.9 mm	200 mm	70 mm	35.5 mm	31.0 mm
E011/M480X300M	€ 522,00	M 48 x 3.0	51.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M480X500M	€ 356,00	M 48 x 5.0	54.5 mm	200 mm	70 mm	35.5 mm	31.0 mm
E011/M500X300M	€ 389,00	M 50 x 3.0	53.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M520X300M	€ 722,00	M 52 x 3.0	55.9 mm	193 mm	48 mm	40.0 mm	34.0 mm
E011/M520X500M	€ 611,00	M 52 x 3.0	58.5 mm	221 mm	76 mm	40.0 mm	34.0 mm



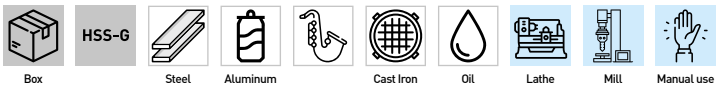




E011-MXMC

METRIC F-COIL STI COMBINED TAP

Special type for creating the threaded insert housing seat





Art.	€	Size	B1	B2	L3	L2	L1	D2	C
E011/M060X100MC	€ 14,70	M 6 x 1.0	7.3 mm	6 mm	7 mm	28 mm	70 mm	8 mm	6.3 mm
E011/M080X125MC	€ 14,70	M 8 x 1.25	9.6 mm	8 mm	9 mm	32 mm	75 mm	8 mm	6.3 mm
E011/M100X100MC	€ 20,80	M 10 x 1.0	11.3 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6.3 mm
E011/M100X125MC	€ 20,80	M 10 x 1.25	11.6 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6.3 mm
E011/M100X150MC	€ 20,80	M 10 x 1.5	11.9 mm	10 mm	9 mm	37 mm	80 mm	9 mm	7.1 mm
E011/M120X125MC	€ 26,80	M 12 x 1.25	13.6 mm	12 mm	9 mm	32 mm	75 mm	9 mm	7.1 mm
E011/M140X125MC	€ 29,40	M 14 x 1.25	15.6 mm	14 mm	10 mm	45 mm	90 mm	12 mm	9.2 mm
E011/M180X150MC	€ 43,30	M 18 x 1.25	20.0 mm	18 mm	10 mm	47 mm	116 mm	16 mm	12.5 mm

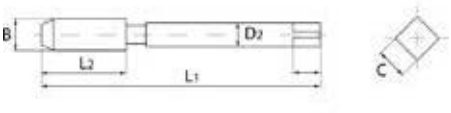
E011-BSWXM

BSW F-COIL STI TAP

Special type for creating the threaded insert housing seat







Art.	€	Size	B	L1	L2	D2	C
E011/BSW1/8M	€ 9,60	1/8" x 40	3.9 mm	53.0 mm	13.0 mm	4.0 mm	3.15 mm
E011/BSW3/16M	€ 9,60	3/16" x 24	6.0 mm	56.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/BSW1/4M	€ 9,60	1/4" x 20	7.8 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/BSW5/16M	€ 10,40	5/16" x 18	9.6 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/BSW3/8M	€ 11,20	3/8" x 16	11.4 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/BSW7/16M	€ 12,10	7/16" x 14	13.2 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/BSW1/2M	€ 13,40	1/2" x 12	15.2 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSW9/16M	€ 20,20	9/16" x 12	16.8 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSW5/8M	€ 24,80	5/8" x 11	18.6 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/BSW3/4M	€ 30,00	3/4" x 10	22.0 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/BSW7/8M	€ 40,50	7/8" x 9	25.5 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/BSW1M	€ 40,50	1" x 8	29.1 mm	138.0 mm	48.0 mm	20.0 mm	16.0 mm

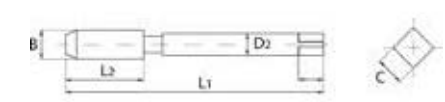
E011-BSFXM

BSF F-COIL STI TAP

Special type for creating the threaded insert housing seat







Art.	€	Size	B	L1	L2	D2	C
E011/BSF3/16M	€ 9,60	3/16" x 32	5.7 mm	66.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/BSF1/4M	€ 9,60	1/4" x 26	7.5 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/BSF5/16M	€ 10,40	5/16" x 22	9.3 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/BSF3/8M	€ 11,20	3/8" x 20	11.0 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/BSF7/16M	€ 12,10	7/16" x 18	12.8 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/BSF1/2M	€ 13,40	1/2" x 16	14.6 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/BSF9/16M	€ 20,20	9/16" x 16	16.2 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSF5/8M	€ 24,80	5/8" x 14	18.0 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/BSF3/4M	€ 30,00	3/4" x 12	21.5 mm	118.0 mm	38.0 mm	16.0 mm	12.5 mm
E011/BSF7/8M	€ 40,50	7/8" x 11	24.9 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/BSF1M	€ 40,50	1" x 10	28.4 mm	138.0 mm	48.0 mm	20.0 mm	16.00 mm

E011-BSPXM

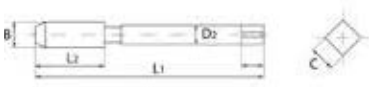
BSP F-COIL STI 2 PCS TAPS

Special type for creating the threaded insert housing seat



Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill

Art.	€	Size	B	L1	L2	D2	C
E011/BSP1/8M	€ 25,00	1/8" x 28	10.8 mm	59 mm	15 mm	8.0 mm	6.3 mm
E011/BSP1/4M	€ 25,90	1/4" x 19	14.7 mm	67 mm	19 mm	11.2 mm	9.0 mm
E011/BSP3/8M	€ 33,70	3/8" x 19	18.3 mm	75 mm	21 mm	14.0 mm	11.2 mm
E011/BSP1/2M	€ 52,70	1/2" x 14	23.1 mm	87 mm	26 mm	16.0 mm	12.5 mm
E011/BSP5/8M	€ 74,30	5/8" x 14	25.1 mm	91 mm	26 mm	18.0 mm	14.0 mm
E011/BSP3/4M	€ 74,30	3/4" x 14	28.6 mm	96 mm	28 mm	20.0 mm	16.0 mm
E011/BSP7/8M	€ 117,00	7/8" x 14	32.4 mm	102 mm	29 mm	22.4 mm	18.0 mm
E011/BSP1M	€ 117,00	1" x 11	36.0 mm	109 mm	33 mm	25.0 mm	20.0 mm



E011-UX

F-COIL MOUNTING TOOL

Art.	€	Metric	Inch
E011/U02	€ 7,40	M 2 x 0.4 - M 2.2 x 0.45	UNC N02
E011/U03	€ 7,40	M 2.5 x 0.45	-
E011/U04	€ 7,40	M 3 x 0.5	UNC N05 - UNC/UNF N04 - BSW 1/8"
E011/U05	€ 7,40	M 3.5 x 0.6	UNC/UNF N06
E011/U06	€ 7,40	M 4 x 0.7	UNC/UNF N08
E011/U08	€ 7,40	M 5 x 0.8	UNF N10 - UNC N12 - BSF 3/16"
E011/U09	€ 7,40	M 6 x 1.0	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/U10	€ 7,40	M 7 x 1.0	UNC/BSW 5/16"
E011/U11	€ 8,20	M 8 x 1.25 - M 8 x 1.0	UNF/BSF 5/16"
E011/U12	€ 12,50	M 9 x 1.25 - M 9 x 1.0	UNC/BSW 3/8"
E011/U13	€ 12,50	M 10 x 1.5 - M 10 x 1.0 - M 10 x 1.25	UNF/BSF 3/8"
E011/U14	€ 13,50	M 11 x 1.5	UNC/UNF 7/16" - BSW-BSF 7/16"
E011/U15	€ 13,50	M 12 x 1.75 - M 12 x 1.5 - M 12 x 1.25 - M 12 x 1.0	UNC/UNF 1/2" - BSW-BSF 1/2"
E011/U16	€ 15,40	M 14 x 2.0 - M 14 x 1.5	UNC/UNF 9/16" - BSW-BSF 9/16"
E011/U17	€ 15,40	M 14 x 1.25 - M 14 x 1.0	-
E011/U18	€ 16,80	M 16 x 2.0 - M 16 x 1.5	UNC/UNF 5/8" - BSW-BSF 5/8"
E011/U20	€ 16,80	M 18 x 2.5 - M 18 x 2.0 - M 18 x 1.5	UNC 3/4" - BSW-BSF 3/4"
E011/U21	€ 16,80	M 20 x 2.5 - M 20 x 2.0 - M 20 x 1.5	UNF 3/4"
E011/U22	€ 21,20	M 22 x 2.5 - M 22 x 2.0 - M 22 x 1.5	UNC/UNF 7/8" - BSW-BSF 7/8"
E011/U23	€ 21,20	M 24 x 3.0 - M 24 x 2.0 - M 24 x 1.5	UNC/UNF 1" - BSW-BSF 1"



E011-UMX

F-COIL MOUNTING TOOL HEXAGONAL DRIVE

Art.	€	Diameter	Hex drive
E011/UM260X150	€ 25,00	M 26 x 1.5	1/2"
E011/UM270X150	€ 25,00	M 27 x 1.5	1/2"
E011/UM270X200	€ 25,00	M 27 x 2.0	1/2"
E011/UM270X300	€ 25,00	M 27 x 3.0	1/2"
E011/UM280X150	€ 25,00	M 28 x 1.5	1/2"
E011/UM300X150	€ 27,90	M 30 x 1.5	1/2"
E011/UM300X200	€ 27,90	M 30 x 2.0	1/2"
E011/UM300X350	€ 27,90	M 30 x 3.5	1/2"
E011/UM330X200	€ 34,60	M 33 x 2.0	1/2"
E011/UM330X350	€ 34,60	M 33 x 3.5	1/2"
E011/UM360X150	€ 34,60	M 36 x 1.5	1/2"
E011/UM360X200	€ 34,60	M 36 x 2.0	1/2"
E011/UM360X300	€ 34,60	M 36 x 3.0	1/2"
E011/UM360X400	€ 34,60	M 36 x 4.0	1/2"



E011-AX

F-COIL TANG BREAKING TOOL

Art.	€	Metric	Inch
E011/A02	€ 2,41	M 2 x 0.4 - M 2.2 x 0.45	UNC N02
E011/A03	€ 2,41	M 2.5 x 0.45	-
E011/A04	€ 2,41	M 3 x 0.5	UNC/UNF N04
E011/A05	€ 2,41	M 3.5 x 0.6	UNC/UNF N06
E011/A06	€ 2,41	M 4 x 0.7	UNC N10 - UNC/UNF N08 - BSF 3/16"
E011/A08	€ 2,41	M 5 x 0.8	UNF N10 - UNC N12 - BSF 3/16"
E011/A09	€ 2,41	M 6 x 1.0	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/A11	€ 2,71	M 7 x 1.0 - M 8 x 1.0 - M 8 x 1.25	UNC/UNF 5/16" - BSW/BSF 5/16"
E011/A12	€ 2,71	M 9 x 1.0 - M 9 x 1.25	UNC 3/8" - BSW/BSF 3/8"
E011/A13	€ 2,71	M 10 x 1.5 - M 10 x 1.0 - M 10 x 1.25	UNF 3/8"
E011/A14	€ 3,27	M 11 x 1.5	UNC/UNF 7/16" - BSW/BSF 7/16"
E011/A15	€ 3,27	M 12 x 1.5 - M 12 x 1.0 - M 12 x 1.25 - M 12 x 1.75	UNC/UNF 1/2" - BSW/BSF 1/2"



E011-EX

F-COIL PULLER

Art.	€	Metric	Inch
E011/E2	€ 15,60	M 3 - M 10	3/16" - 3/8"
E011/E3	€ 19,00	M 11 - M 25	3/8" - 1"



LBX

BI-METAL BANDSAW BLADE FOR METAL

Welded in standard length

HSS CO 8% | Steel | Aluminum | Non-ferr. alloys | Plastic | Plexiglass | Cast Iron | Emulsion | Band saw







Art.	€	Sizes	Specifications	Pitch
LB01/1140	€ 17,10	1140 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1325	€ 18,90	1325 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1335	€ 19,10	1335 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1435	€ 20,10	1435 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1440	€ 20,10	1440 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1638	€ 22,10	1638 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1735	€ 23,20	1735 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB02/1140	€ 17,10	1140 x 13 x 0.65 mm	T 6 Bi-Metal	Fix
LB02/1435	€ 20,10	1435 x 13 x 0.65 mm	T 6 Bi-Metal	Fix
LB05/1735	€ 23,90	1735 x 13 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2000	€ 28,00	2000 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2080	€ 28,80	2080 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2100	€ 29,00	2100 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2140	€ 29,50	2140 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2160	€ 29,80	2160 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB08/2000	€ 28,00	2000 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2080	€ 28,80	2080 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2100	€ 29,00	2100 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2140	€ 29,50	2140 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2160	€ 29,80	2160 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB09/2375	€ 32,10	2375 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2450	€ 34,30	2450 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable

Art.	€	Sizes	Specifications	Pitch
LB09/2500	€ 35,60	2500 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2750	€ 38,70	2750 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2825	€ 39,60	2825 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2845	€ 39,80	2845 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2945	€ 41,00	2945 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2950	€ 41,20	2950 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3010	€ 41,90	3010 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3100	€ 42,90	3100 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3120	€ 43,30	3120 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3150	€ 43,50	3150 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB10/2375	€ 32,10	2375 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2450	€ 34,30	2450 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2500	€ 35,60	2500 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2750	€ 38,70	2750 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2825	€ 39,60	2825 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2845	€ 39,80	2845 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2945	€ 41,00	2945 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2950	€ 41,20	2950 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3010	€ 41,90	3010 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3100	€ 42,90	3100 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3120	€ 43,30	3120 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3150	€ 43,50	3150 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable

07X

WOOD CARBIDE TIPPED SAW BLADES

With alternate universal teeth



Blister | HSS | HM | 10° | Wood | Multilayer | Chipboard | Circular saw

Art.	€	ø	Teeth Z	Hole	Cut thickness	Blade thickness	rpm max
0685	€ 29,40	254 mm	24	ø 30 mm	3,2 mm	2,2 mm	6300
0702	€ 49,20	250 mm	60	ø 30 mm	3,2 mm	2,2 mm	7000
0703	€ 56,70	250 mm	80	ø 30 mm	3,2 mm	2,2 mm	7000
0704	€ 72,80	300 mm	72	ø 30 mm	3,2 mm	2,2 mm	6000
0705	€ 78,60	300 mm	96	ø 30 mm	3,2 mm	2,2 mm	6000
0899	€ 54,30	315 mm	25	ø 30 mm	2,8 mm	1,8 mm	6000
0745	€ 89,20	350 mm	54	ø 30 mm	3,5 mm	2,5 mm	5000
0707	€ 90,60	400 mm	48	ø 30 mm	3,5 mm	2,5 mm	4500
0746	€ 156,00	450 mm	60	ø 30 mm	4 mm	3,0 mm	4000

0762-

ALUMINIUM AND PLASTIC CARBIDE TIPPED SAW BLADE

Trapezoidal flat toothing with alternating sharpening



Box | HSS | HM | Aluminum | Plastic | Plexiglass | Composites | Water | Dry | Circular saw

Art.	€	ø	Teeth Z	Hole	Cut thickness	Blade thickness	rpm max
0762/250	€ 58,10	250 mm	60	ø 32 mm	3,2 mm	2,8 mm	7000
0762/300	€ 73,30	300 mm	72	ø 32 mm	3,2 mm	2,8 mm	6000

N7X

BLADE FOR WOOD

Blade for shaped cutting of thin wood







Art.	€	Sizes	Specifications
N194	**€ 23,20**	1400 x 6 x 0.36 mm	T6
N717/N	**€ 23,20**	1430 x 6 x 0,36 mm	T6
N188	**€ 27,40**	1790 x 6 x 0.36 mm	T10
N190	**€ 27,40**	1826 x 6 x 0.36 mm	T10
N855/N2	**€ 26,30**	2240 x 13 x 0,65 mm	T8
N186	**€ 23,50**	2400 x 13 x 0.65 mm	T8
N192	**€ 23,50**	2560 x 13 x 0.65 mm	T8
N764/N2	**€ 26,30**	2950 x 13 x 0,65 mm	T6
N764/455/N2	**€ 36,60**	3430 x 16 x 0,65 mm	T6

N7X1

BLADES FOR WOOD

Blade for straight cut of thick wood







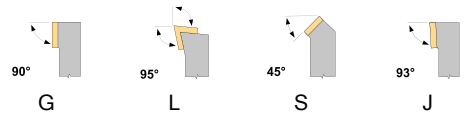
Art.	€	Sizes	Specifications
N195	**€ 23,20**	1400 x 10 x 0,36 mm	T6
N717/N1	**€ 23,20**	1430 x 10 x 0,36 mm	T6
N189	**€ 27,40**	1790 x 10 x 0.36 mm	T6
N191	**€ 27,40**	1826 x 10 x 0.36 mm	T6
N855/N	**€ 26,30**	2240 x 16 x 0,65 mm	T4
N187	**€ 23,50**	2400 x 16 x 0.65 mm	T4
N193	**€ 23,50**	2560 x 16 x 0.65 mm	T4
N764/N	**€ 26,30**	2950 x 16 x 0,65 mm	T4
N764/455/N	**€ 36,60**	3430 x 20 x 0,65 mm	T4



IDENTIFICATION OF TURNING TOOLS FOR EXTERNAL PROCESSING

S	T	G	C	R	16
1	2	3	4	5	6

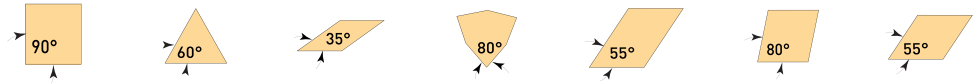
3 - Type of tool



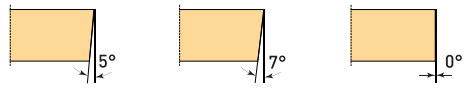
1 - Locking method



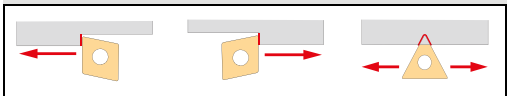
2 - Insert shape



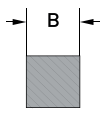
4 - Insert clearance angle



5 - Tool direction



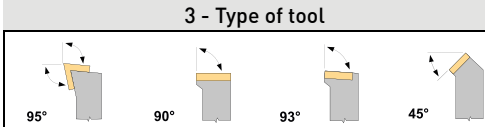
6 - Tool shank size



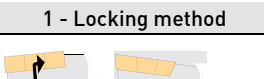
IDENTIFICATION OF TURNING TOOLS FOR INTERNAL PROCESSING

S	S	S	C	R	16
1	2	3	4	5	6

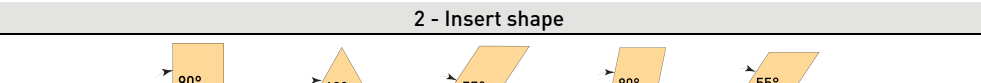
3 - Type of tool



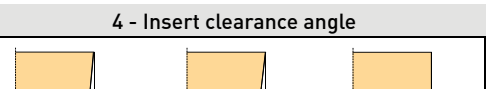
1 - Locking method



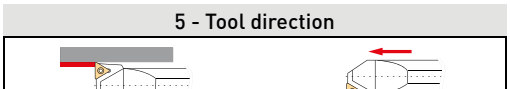
2 - Insert shape



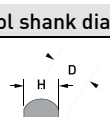
4 - Insert clearance angle



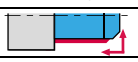
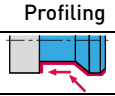
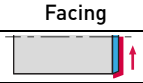
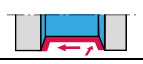
5 - Tool direction

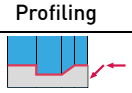
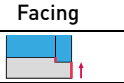


6 - Tool shank diameter



CHOICE OF INSERT SHAPE ACCORDING TO THE TYPE OF PROCESSING TO BE CARRIED OUT

External turning	S	T	C	K	D
					
Axial Turning / Facing 	○	○	●	○	○
Profiling 	-	○	-	○	●
Facing 	●	○	○	○	○
Plunge turning 	-	○	-	-	-

Internal turning	S	T	C	K	D
					
Axial Turning / Facing 	○	●	○	-	○
Profiling 	-	○	-	○	●
Facing 	-	○	●	-	○

Key

- ● Recommended shape
- ○ Possible shape
- - Not usable

RECOMMENDED VALUES FOR CUTTING SPEED Vc (m/min) FOR TURNING

Materials to be processed		External turning		Internal turning		Shape tool	Truncation	Threading with tool
		Sgrossatura	Finitura	Sgrossatura	Finitura			
P	Rm Steel < 600 N/mm²	100*	150*	70*	100*	50*	95*	25*
	Rm steel 600-100 N/mm²	95*	120*	50*	95*	30*	70*	18*
	Rm steel 1000-1200 N/mm²	65*	80*	40*	65*	25*	55*	15*
M	Stainless Steel	60*	70*	35*	60*	20*	50*	15*
K	Cast iron HB < 180	90*	100*	65*	90*	30*	80*	15*
	Cast iron HB> 180	60*	70*	40*	60*	20*	55*	12*
N	Brass/Bronze	165*	260*	80*	160*	40*	100*	25*
	Copper	220*	350*	100*	220*	80*	200*	25*
	Aluminium	300*	650*	200*	400*	150*	300*	35*

* Values for brazed tools, for mechanically clamped tools the value can be increased by 15%

RECOMMENDED FEED VALUES (mm/rev) FOR TURNING

MATERIALS TO BE PROCESSED		External turning		Internal turning		Shape tool	Truncation
		Roughing	Finish	Roughing	Finish		
P	Rm Steel < 600 N/mm²	0.1 – 0.4*	0.05 – 0.2*	0.05 – 0.3*	0.05 -0.2*	0.02 – 0.05*	0.05 – 0.1*
	Rm steel 600-100 N/mm²	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.05 – 0.1*
	Rm steel 1000-1200 N/mm²	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.05*
M	Stainless Steel	0.1 – 0.4*	0.05 – 0.15*	0.05 – 0.3*	0.05 – 0.1*	0.02 – 0.05*	0.02 – 0.05*
K	Cast iron HB < 180	0.1 – 0.6*	0.05 – 0.2*	0.05 – 0.6*	0.05 – 0.2*	0.02 – 0.05*	0.05 – 0.1*
	Cast iron HB> 180	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.5*	0.05 – 0.2*	0.02 – 0.05*	0.02 – 0.05*
N	Brass/Bronze	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.6*	0.05 – 0.2*	0.02 – 0.1*	0.05 – 0.2*
	Copper	0.1 – 0.6*	0.05 – 0.25*	0.05 – 0.5*	0.05 – 0.25*	0.02 – 0.05*	0.05 – 0.1*
	Aluminium	0.1 – 0.8*	0.05 – 0.25*	0.05 – 0.4*	0.05 – 0.2*	0.02 – 0.2*	0.05 – 0.3*

* Values for brazed tools, for mechanically clamped tools the value can be increased by 15%

THICKNESS OF SURFACE TREATMENT IN THE TURNING (mm)

Thickness of surface treatment		Ø particular					
Roughing	0.5 - 10	Up to 25	25 - 70	50 - 75	75 - 100	100 - 150	150 - 300
Finish	0.2 - 20						
Truncation	Equal to the thickness of the cutter insert						

MAIN TURNING FORMULAS

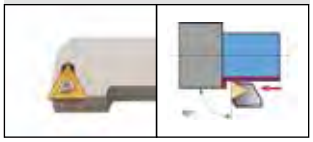
- Vt = (n x π x D) ÷ 1000
- n = (Vt x 1000) ÷ (π x D)
- Vf = n x Fz

Key

Vc : Cutting speed in metres per minute. It is the peripheral speed with which the cutting edge removes material. (m/min)
n : Spindle rotation speed in revolutions per minute (rpm)
D : Workpiece diameter in millimetres (mm)
Fz : Tool feed (per tooth) per revolution in millimetres (mm/revolution)
Vf : Tool feed speed in millimetres per minute (mm/min)
π : its value is 3.14

TYPOLOGY OF TOOLS FOR EXTERNAL TURNING

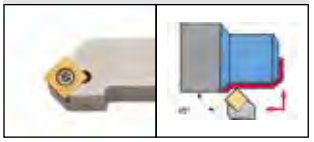
STGCX



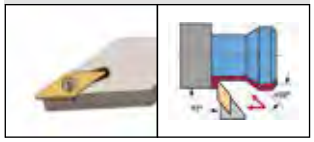
SCLCXE



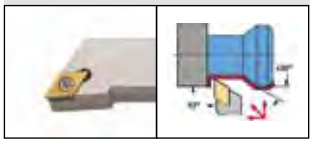
SSCXE



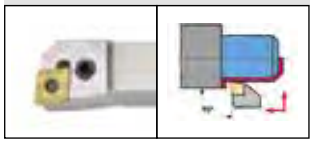
SVJBX



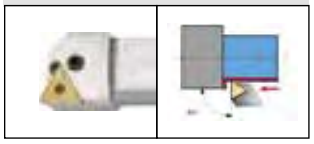
SDJCX



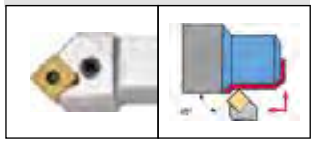
PCLNX



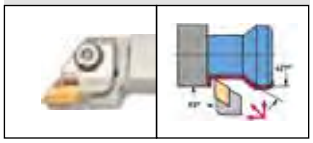
PTGNX



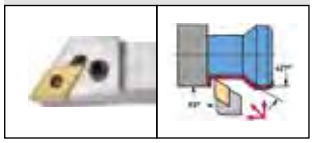
PSSNX



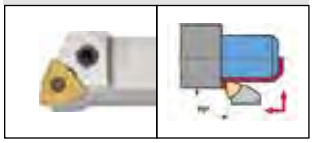
CKJNX



PDJNX

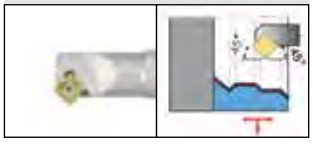


PWLNX

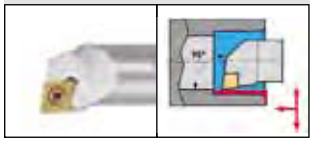


TYPOLOGY OF TOOLS FOR INTERNAL TURNING

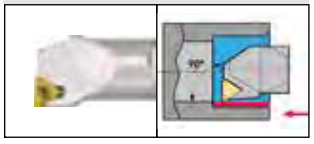
SSSCRX



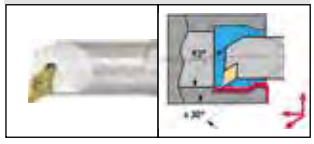
SCLCX



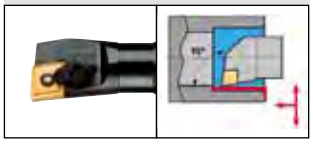
STFCX



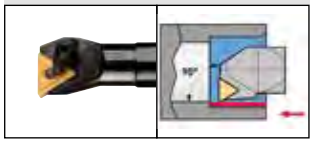
SDUCX



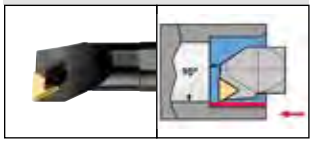
MCLNX



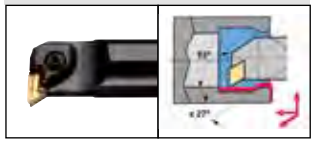
MTFNX



CTFPX

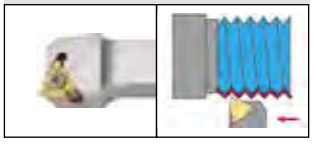


CKUNR

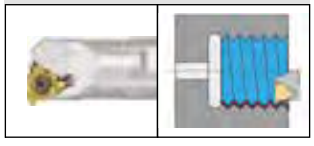


TYPOLOGY OF THREADING TOOLS

SERX

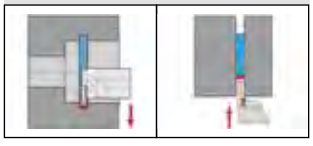


SNRX

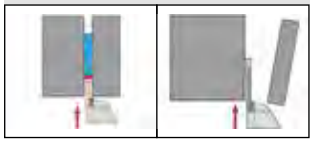


TYPOLOGY OF TOOLS FOR GROOVING AND PARTING OFF

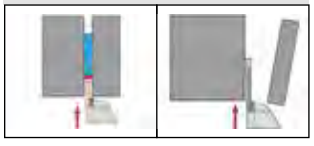
KICAN



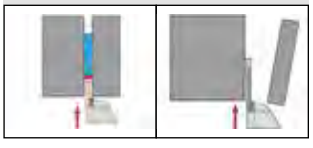
T088



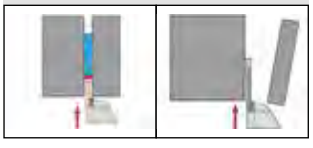
T089



T09x



SGIH

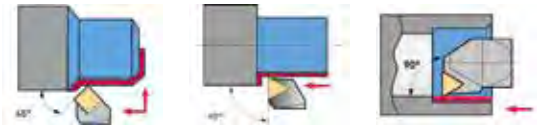


B007-

INDEXABLE CARBIDE TOOL HOLDER SET

Insert included, useful for having a set that allows you to perform most turning operations with small lathes





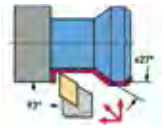


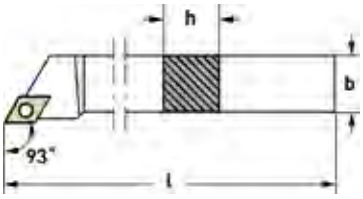
Art.	€	Ext. shank / Insert	Int. shank / Insert	Screw
B007/10	€ 108,00	10 mm / TCMT110204N	8 mm / TCMT090204N	KV200
B007/12	€ 114,00	12 mm / TCMT110204N	10 mm / TCMT110204N	KV250
B007/16	€ 141,00	16 mm / TCMT16T304N	12 mm / TCMT110204N	KV250

KITCKJ

EXTERNAL TOOL HOLDER WITH INSERTS





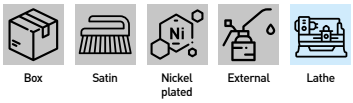


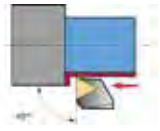


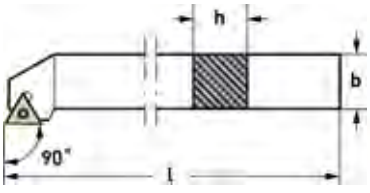
Art.	€	Ext. tool holder	Bits	b	h	l
KITCKJ20	€ 170,00	CKJNR20	KNUX160405RN x 10 Pcs	20mm	20mm	125mm
KITCKJ25	€ 172,00	CKJNR25	KNUX160405RN x 10 Pcs	25mm	25mm	150mm

STGCX

90° EXTERNAL TOOL HOLDER





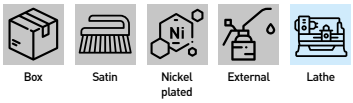


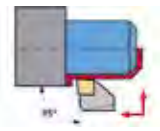


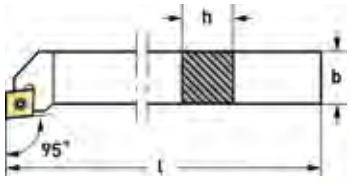
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
STGCR16/11	€ 43,80	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCL16/11	€ 43,80	Sx/L	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCR20	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCL20	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCR25	€ 60,80	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCL25	€ 60,80	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSTG16	TCMT16T3...

SCLCXE

95° EXTERNAL TOOL HOLDER







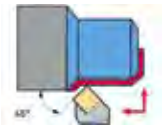


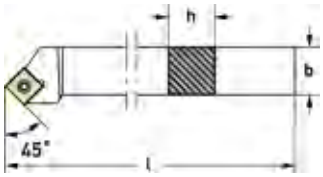
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SCLCR12E	€ 37,50	Dx/R	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCL12E	€ 37,50	Sx/L	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCR16E	€ 45,30	Dx/R	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCL16E	€ 45,30	Sx/L	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCR20E	€ 50,70	Dx/R	20 mm	20 mm	125 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCL20E	€ 50,70	Sx/L	20 mm	20 mm	125 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCR25E	€ 60,80	Dx/R	25 mm	25 mm	150 mm	KV450	BU4560	BSCL12	CCMT1204...
SCLCL25E	€ 60,80	Sx/L	25 mm	25 mm	150 mm	KV450	BU4560	BSCL12	CCMT1204...

SSSCXE

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





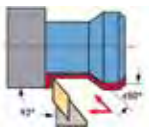


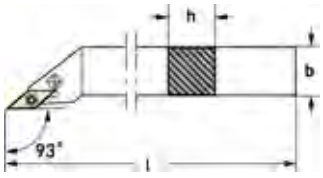
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SSSCR20E	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCL20E	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCR25E	€ 63,80	Dx/R	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12	SCMT1204...
SSSCL25E	€ 63,80	Sx/L	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12	SCMT1204...

SVJBX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





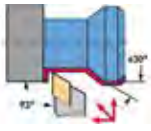


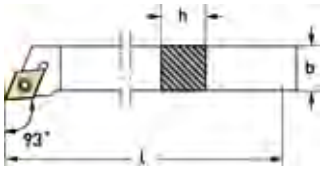
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SVJBR20	€ 49,50	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL20	€ 49,50	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16	VBMT1604...

SDJCX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





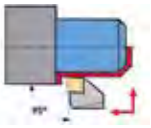


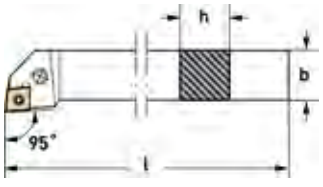
Art.	€	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SDJCR10	€ 28,50	Dx/R	10 mm	10 mm	70 mm	KV250	--------	--------	DCMT0702...
SDJCR12	€ 41,00	Dx/R	12 mm	12 mm	80 mm	KV250	--------	--------	DCMT0702...
SDJCR16	€ 47,20	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	DCMT0702...
SDJCR20	€ 53,40	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCL20	€ 53,40	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCR25	€ 67,70	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSDJ11	DCMT11T3...
SDJCL25	€ 67,70	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSDJ11	DCMT11T3...

PCLNX

95° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





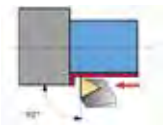


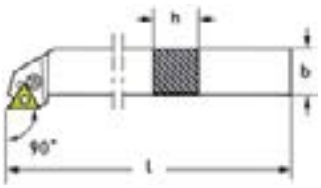
Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PCLNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPCLN	CNMG1204...
PCLNR20	€ 53,80	Dx/R	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNL20	€ 53,80	Sx/L	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPCLN	CNMG1204...
PCLNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPCLN	CNMG1204...

PTGNX

90° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





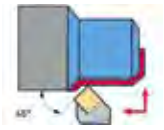


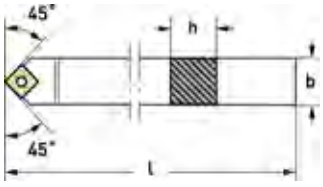
Art.	€	Side	b	l	h	Spare parts	Insert (not included)
PTGNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPTGN	TNMG1604...
PTGNR20	€ 50,20	Dx/R	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNL20	€ 50,20	Sx/L	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPTGN	TNMG1604...
PTGNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPTGN	TNMG1604...

PSSNX

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





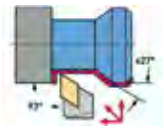


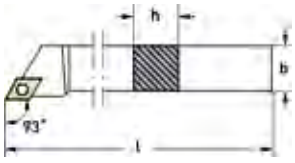
Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PSSNR16	€ 41,10	Dx/R	16 mm	16 mm	100 mm	RICAPSSN	SNMG1204...
PSSNR20	€ 50,70	Dx/R	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNL20	€ 50,70	Sx/L	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	RICAPSSN	SNMG1204...
PSSNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	RICAPSSN	SNMG1204...

CKJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





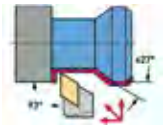


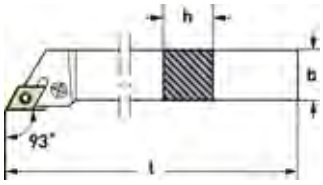
Art.	€	Side	b	h	l	Bracket	Screw	Base	Insert (not included)
CKJNL20	€ 60,80	Sx/L	20 mm	20 mm	125 mm	STAFCKJNL	VITECKJN	BASECKJNL	KNUX160405L...
CKJNL25	€ 70,60	Sx/L	25 mm	25 mm	150 mm	STAFCKJNL	VITECKJN	BASECKJNL	KNUX160405L...
CKJNR16	€ 50,20	Dx/R	20 mm	16 mm	100 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNR20	€ 60,80	Dx/R	20 mm	20 mm	125 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNR25	€ 70,60	Dx/R	25 mm	25 mm	150 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...

PDJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





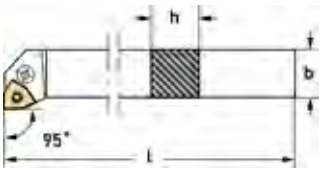


Art.	€	Side	b	l	h	Spare parts	Insert (not included)
PDJNR20	€ 52,00	Dx/R	20 mm	20 mm	125 mm	PDJNRKIT	DNMG1506...
PDJNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...
PDJNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...

PWLNX

95° EXTERNAL TOOL HOLDER







Art.	€	Side	b	h	l	Spare parts	Insert (not included)
PWLNR20	€ 52,00	Dx/R	20 mm	20 mm	125 mm	PWLNRKIT	WNMG0804...
PWLNR25	€ 63,80	Dx/R	25 mm	25 mm	150 mm	PWLNRKIT	WNMG0804...
PWLNL25	€ 63,80	Sx/L	25 mm	25 mm	150 mm	PWLNRKIT	WNMG0804...

G007-

KNURLING TOOL WITH 3 PAIRS OF KNURLING WHEELS, WITH DIAMOND PATTERN

Diamond-shaped 45 ° for the execution of knurling for deformation in turning. Equipped with 2 spare wheels 0.8mm pitch





Art.	€	Spindle	Pitch
G007/16	€ 73,00	16 mm	0,8 - 1,2 - 1,8 mm
G007/20	€ 74,10	20 mm	0,8 - 1,2 - 1,8 mm

KISCLCR — € 227,00

SOLID BORING BAR SET 95°





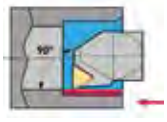


Int. tool holder	SCLCR08; SCLCR10; SCLCR12; SCLCR16
Bits	CCMT060204N x 10 Pcs
Torx key	T7 x 2 Pcs
Screw	T7 x 2,5 mm x 4 Pcs

KISTCMT — € 268,00

SOLID BORING BAR SET 90°



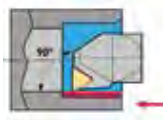




Int. tool holder	STFCR08; STFCR10; STFCR12; STFCR16; STFCR20
Bits	TCMT110204N x 10 Pcs
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 2 Pcs

KISTFCR — € 211,00

SOLID BORING BAR SET 90°



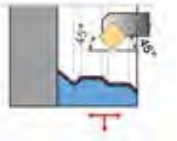


13 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

Int. tool holder	STFCR08, STFCR10, STFCR12, STFCR16, STFCR20
Insert (not included)	TCMT110204...
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 5 Pcs

SSSCRX

45° INTERNAL TOOL HOLDER







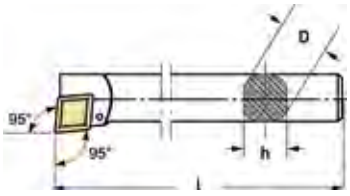
Box | Satin | Nickel plated | External | Lathe

Art.	€	D	h	l	Screw	Insert (not included)
SSSCR16	**€ 48,70**	16 mm	15 mm	200 mm	KV400	SCMT09T3...
SSSCR20	**€ 54,20**	20 mm	18 mm	250 mm	KV400	SCMT09T3...
SSSCR25	**€ 63,80**	25 mm	22.5 mm	300 mm	KV400	SCMT09T3...

SCLCX

95° SOLID BORING BAR







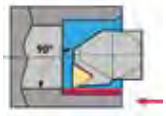
Box | Burnished | External | Lathe

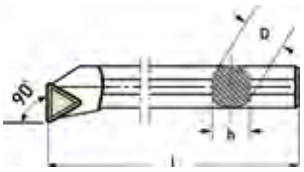
Art.	€	Side	D	h	l	Screw	Insert (not included)
SCLCR08	**€ 57,70**	Dx/R	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCL08	**€ 57,70**	Sx/L	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCR10	**€ 57,70**	Dx/R	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCL10	**€ 57,70**	Sx/L	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCR12	**€ 57,70**	Dx/R	12 mm	11 mm	160 mm	KV250	CCMT0602...
SCLCL12	**€ 57,70**	Sx/L	12 mm	11 mm	160 mm	KV250	CCMT0602...
SCLCR16	**€ 65,40**	Dx/R	16 mm	14,5 mm	180 mm	KV400	CCMT09T3...
SCLCL16	**€ 65,40**	Sx/L	16 mm	14,5 mm	180 mm	KV400	CCMT09T3...
SCLCR20	**€ 65,40**	Dx/R	20 mm	18 mm	200 mm	KV400	CCMT09T3...
SCLCL20	**€ 65,40**	Sx/L	20 mm	18 mm	200 mm	KV400	CCMT09T3...
SCLCR25	**€ 73,00**	Dx/R	25 mm	22,5 mm	250 mm	KV400	CCMT09T3...
SCLCL25	**€ 73,00**	Sx/L	25 mm	22,5 mm	250 mm	KV400	CCMT09T3...
SCLCR32	**€ 103,00**	Dx/R	32 mm	29 mm	300 mm	KV400	CCMT09T3...
SCLCL32	**€ 103,00**	Sx/L	32 mm	29 mm	300 mm	KV400	CCMT09T3...

STFCX

90° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe







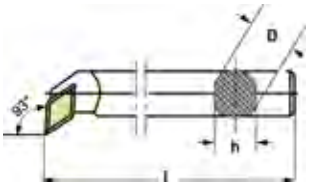
Art.	€	Side	D	h	l	Screw	Insert (not included)
STFCR08	€ 57,70	Dx/R	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCL08	€ 57,70	Sx/L	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCR10	€ 57,70	Dx/R	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCL10	€ 57,70	Sx/L	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCR12	€ 57,70	Dx/R	12 mm	11 mm	150 mm	KV250	TCMT1102...
STFCL12	€ 57,70	Sx/L	12 mm	11 mm	150 mm	KV250	TCMT1102...
STFCR16	€ 65,40	Dx/R	16 mm	14,5 mm	200 mm	KV250	TCMT1102...
STFCL16	€ 65,40	Sx/L	16 mm	14,5 mm	200 mm	KV250	TCMT1102...
STFCR20	€ 65,40	Dx/R	20 mm	18,5 mm	250 mm	KV250	TCMT1102...
STFCL20	€ 65,40	Sx/L	20 mm	18,5 mm	200 mm	KV250	TCMT1102...
STFCR25	€ 73,00	Dx/R	25 mm	22,5 mm	250 mm	KV350	TCMT16T3...
STFCL25	€ 73,00	Sx/L	25 mm	22,5 mm	250 mm	KV350	TCMT16T3...
STFCR32	€ 103,00	Dx/R	32 mm	29 mm	300 mm	KV350	TCMT16T3...
STFCL32	€ 103,00	Sx/L	32 mm	29 mm	300 mm	KV350	TCMT16T3...

SDUCX

93° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe





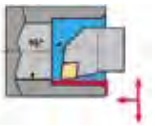


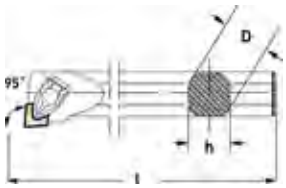
Art.	€	Side	D	h	l	Screw	Insert (not included)
SDUCR10	€ 57,70	Dx/R	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCL10	€ 57,70	Sx/L	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCR12	€ 57,70	Dx/R	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCL12	€ 57,70	Sx/L	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCR16	€ 65,40	Dx/R	16 mm	15 mm	180 mm	KV250	DCMT0702...
SDUCL16	€ 65,40	Sx/L	16 mm	15 mm	180 mm	KV250	DCMT0702...
SDUCR20	€ 65,40	Dx/R	20 mm	18 mm	200 mm	KV350	DCMT11T3...
SDUCL20	€ 65,40	Sx/L	20 mm	18 mm	200 mm	KV350	DCMT11T3...
SDUCR25	€ 73,00	Dx/R	25 mm	23 mm	250 mm	KV350	DCMT11T3...
SDUCL25	€ 73,00	Sx/L	25 mm	23 mm	250 mm	KV350	DCMT11T3...
SDUCR32	€ 103,00	Dx/R	32 mm	30 mm	300 mm	KV350	DCMT11T3...
SDUCL32	€ 103,00	Sx/L	32 mm	30 mm	300 mm	KV350	DCMT11T3...

MCLNX

95° SOLID BORING BAR

Box | Burnished | External | Lathe





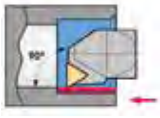


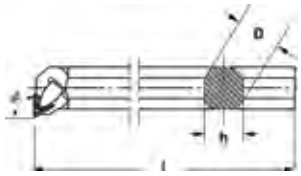
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
MCLNR16	€ 75,10	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL16	€ 75,10	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNR20	€ 82,80	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL20	€ 82,80	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...
MCLNR25	€ 105,00	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNL25	€ 105,00	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNR32	€ 128,00	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...
MCLNL32	€ 128,00	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	MCLNBASE25/32	CNMG1204...

MTFNX

90° SOLID BORING BAR

Box Burnished External Lathe





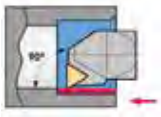


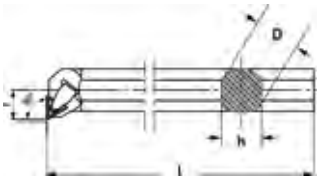
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
MTFNR16	**€ 74,10**	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL16	**€ 74,10**	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNR20	**€ 82,80**	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL20	**€ 82,80**	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...
MTFNR25	**€ 105,00**	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNL25	**€ 105,00**	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNR32	**€ 128,00**	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...
MTFNL32	**€ 128,00**	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	MTFNBASE25/32	TNMG1604...

CTFPX

90° SOLID BORING BAR

Box Burnished External Lathe





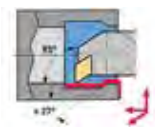


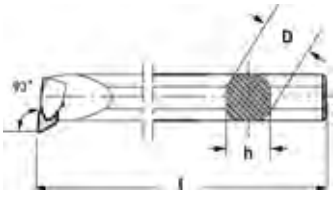
Art.	€	Side	D	h	l	Bracket	Base	Insert (not included)
CTFPR10	**€ 63,20**	Dx/R	10 mm	9 mm	150 mm	CTFP10/12	--------	TPMR0902...
CTFPL10	**€ 63,20**	Sx/L	10 mm	9 mm	150 mm	CTFP10/12	--------	TPMR0902...
CTFPR12	**€ 63,20**	Dx/R	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPL12	**€ 63,20**	Sx/L	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPR16	**€ 73,00**	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPL16	**€ 73,00**	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPR20	**€ 82,80**	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPL20	**€ 82,80**	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPR25	**€ 102,00**	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL25	**€ 102,00**	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPR32	**€ 128,00**	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL32	**€ 128,00**	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...

CKUNR

93° SOLID BORING BAR

Box Burnished External Lathe







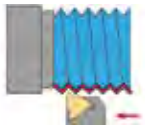
Art.	€	Side	D	h	l	Bracket	Screw	Base	Insert (not included)
CKUNR25	**€ 167,00**	Dx/R	25 mm	23 mm	300 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR32	**€ 190,00**	Dx/R	32 mm	30 mm	350 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR40	**€ 200,00**	Dx/R	40 mm	37 mm	400 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...

KISER

EXTERNAL THREAD TOOL HOLDER

Consisting of external threading tool (1 Pc), M3.5 X 12mm spare screw (1 Pc) , 2.5mm hex wrench (1 Pc), T15 torx wrench (1 Pc) and assorted inserts: AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00mm (1 Pc each).





15 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

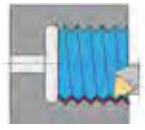
Art.	€	Ext. tool holder	Insert	Torx key	Screw	b	l	h
KISER	€ 179,00	SER20	16ER...	T15	M3,5 x 12 mm	20 mm	20 mm	125 mm
KISER25	€ 235,00	SER25	16ER...	T15	M3,5 x 12 mm	25 mm	25 mm	150 mm

KISNR

INTERNAL THREAD TOOL HOLDER

Consisting of internal threading tool (1 Pc), spare M3.5 X 12mm screw (1 Pc), 2.5mm hex wrench (1 Pc), T15 torx wrench (1 Pc) and assorted inserts: AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00mm (1 Pc each).





15 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

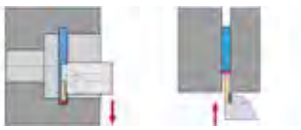
Art.	€	Int. tool holder	Insert	Torx key	Screw	D	h	l
KISNR	€ 206,00	SNR20	16IR...	T15	M3.5 x 12 mm	20 mm	18 mm	170 mm
KISNR25	€ 246,00	SNR25	16IR...	T15	M3.5 x 12 mm	25 mm	23 mm	200 mm

KICAN € 230,00

INTERNAL AND EXTERNAL GROOVING TOOL HOLDER SET

Consisting of the tool for external grooves: 20 x 20 mm (1 Pc), the tool for internal grooves: ø 20mm (1 Pc), spare screw M4 x 12mm (2 Pcs), torx wrench: T15 (1 Pc) and inserts for 16mm groove TIN coated: 165110134 (2 Pcs), 165130134 (2 Pcs), 165160134 (2 Pcs), 165185134 (1 Pc), 165215134 (1 Pc), 165265134 (1 Pc), 165315134 (1 Pc).

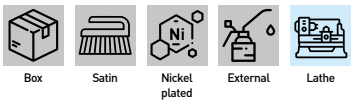


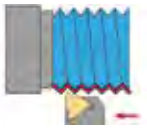


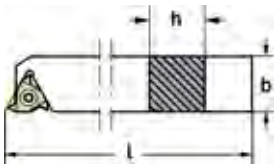
16 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

SERX

EXTERNAL THREAD TOOL HOLDER





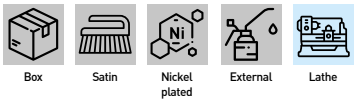


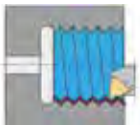


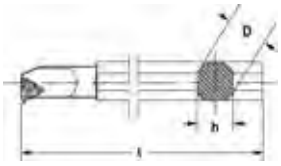
Art.	€	b	h	l	Base	Bushing	Screw	Insert (not included)
SER16	€ 54,80	16 mm	16 mm	100 mm	--------	--------	KV350	16ER..
SER20	€ 70,40	20 mm	20 mm	125 mm	BSER16	BU3550	KV350	16ER...
SER25	€ 81,30	25 mm	25 mm	150 mm	BSER16	BU3550	KV350	16ER...

SNRX

INTERNAL THREAD TOOL HOLDER





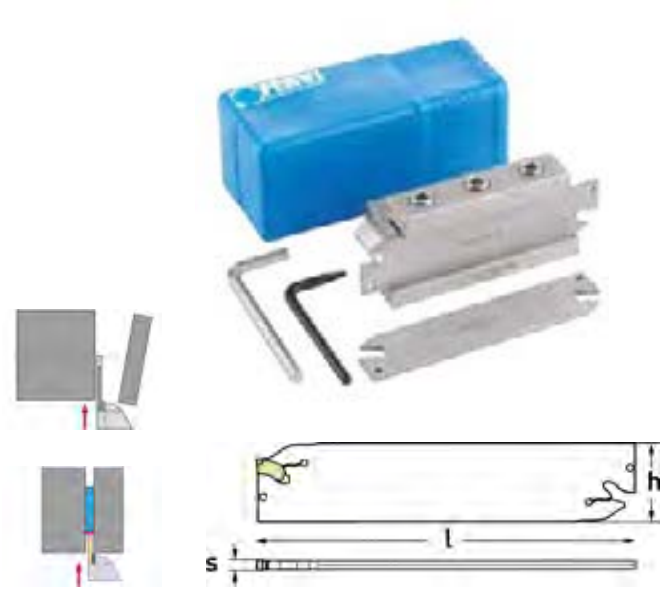


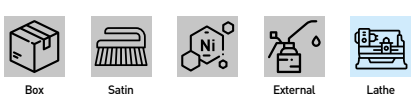


Art.	€	D	h	l	Base	Screw	Bushing	Insert (not included)
SNR12	€ 54,80	12 mm	11 mm	150 mm	--------	KV250	--------	11IR...
SNR16	€ 63,90	16 mm	15 mm	170 mm	--------	KV350	--------	16IR...
SNR20	€ 77,40	20 mm	18 mm	200 mm	BSNR16	KV350	BU3550	16IR...
SNR25	€ 95,90	25 mm	23 mm	300 mm	BSNR16	KV350	BU3550	16IR...

T088 € 99,00

TOOL CUTTING SET

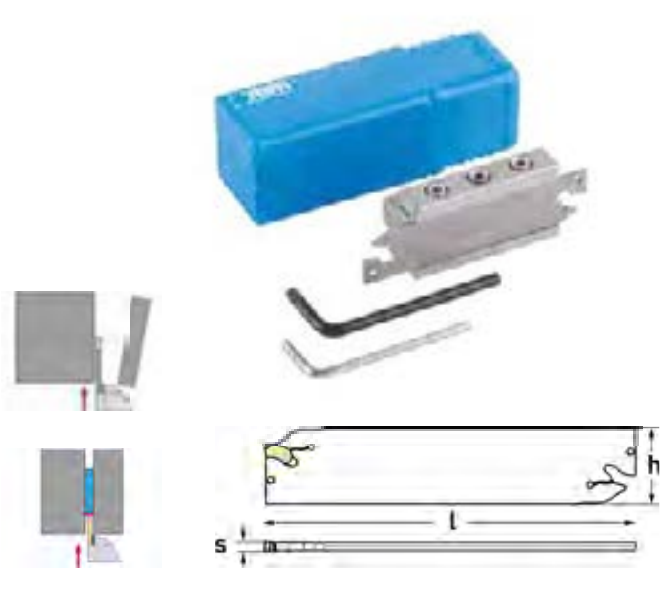


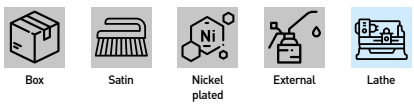


Set composition	1 Pcs SGTBK16 - 1 Pcs SGIH26/2 - 1 Pcs SGIH26/3
S	2 - 3 mm
h	25.75 mm
l	109 mm
Insert (not included)	GCMX2N - GCMX3N

T089 € 69,30

TOOL CUTTING SET

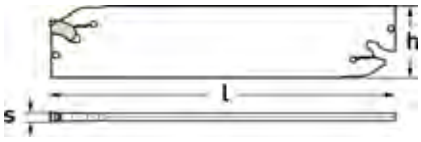




Set composition	1 Pcs SGIH19/2 - 1 Pcs SGTBK10
S	2 mm
h	19.5 mm
l	85 mm
Insert (not included)	GCMX2N

T09X

TOOL CUTTING SET





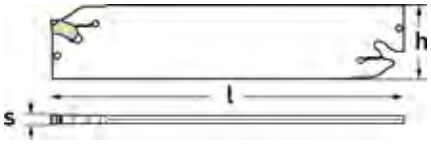


Carrying case · Satin · Nickel plated · External · Lathe

Art.	€	Set composition	S	h	l	Insert (not included)
T090	€ 163,00	1 Pcs SGIH32/3 - 1 Pcs SGIH32/4 - 1 Pcs SGIH32/5 - 1 Pcs SGTBK25	3 - 4 - 5 mm	31,75 mm	150 - 160 mm	GCMX3N - GCMX4N - GCMX5N
T091	€ 119,00	1 Pcs SGIH26/2 - 1 Pcs SGIH26/3 - 1 Pcs SGTBK20	2 - 3 mm	25,75 mm	109 mm	GCMX2N - GCMX3N

SGIH

TOOL FOR EXTERNAL CUTTING - BLADE







Box · Satin · Nickel plated · External · Lathe

Art.	€	S	h	l	Insert (not included)
SGIH26/2	€ 33,00	2 mm	25.75 mm	109 mm	GCMX2N...
SGIH26/3	€ 33,00	3 mm	25.75 mm	109 mm	GCMX3N...
SGIH32/3	€ 33,00	3 mm	31.75 mm	150 mm	GCMX3N...
SGIH32/4	€ 33,00	4 mm	31 mm	150 mm	GCMX4N...
SGIH32/5	€ 33,00	5 mm	31.75 mm	150 mm	GCMX5N...
SGIH19/2	€ 26,50	2 mm	19.5 mm	85 mm	GCMX2N...

SGTBK

TOOL FOR EXTERNAL CUTTING - BLADE TOOL HOLDER



Box · Satin · Nickel plated · Lathe

Art.	€	Spindle	Dimensions	Blade
SGTBK10	€ 43,80	10 x 10 mm	56 x 25 x 30 mm	19 mm
SGTBK16	€ 47,50	16 x 16 mm	87 x 38 x 33 mm	26 mm
SGTBK20	€ 52,30	20 x 20 mm	100 x 38 x 45h mm	26 mm
SGTBK25	€ 65,30	25 x 25 mm	110 x 49 x 48h mm	32 mm



MAIN TYPES OF MILLING

Shoulder milling



Milling that generates 2 faces at the same time obtaining a 90° shoulder

Flattening



Milling to make a rough surface flat

High feed milling



Face milling with tools that allow high feed rates (up to 4mm/tooth)

Copying



Combination of discordant and concordant milling, requires many unfavourable engagements and disengagements in cutting.

Quarry milling



Milling for the execution of a quarry or a seat

Chamfering



Milling for chamfering holes or contours.

MAIN MILLING FORMULAS

- Vt= (Dcap x π x n) ÷ 1000
- n= (Vt x 1000) ÷ (π x Dcap)
- Fz = Vf ÷ (n x Zc)
- Vf= Fz x n x Zc

Key

Dcap : Cutting diameter at effective cutting depth doc (mm)
Fz : Feed per tooth (mm/tooth)
Zc : Number of effective milling machine teeth
Vf : Table feed (mm/min)
Fn : Feed per revolution (mm/tooth)
doc : Cutting depth (mm)
Vc : Cutting speed (m/min)
n : Spindle rotation speed (mm/min)
π : its value is 3.14

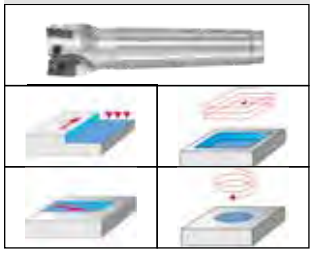
FERVI MILLING TOOLS TYPOLOGY

90° MILLING CUTTER

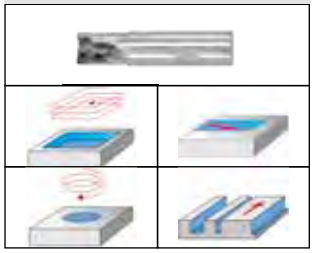
F300-



F301-



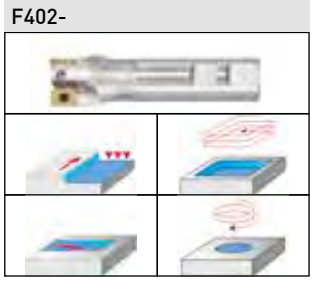
F306-



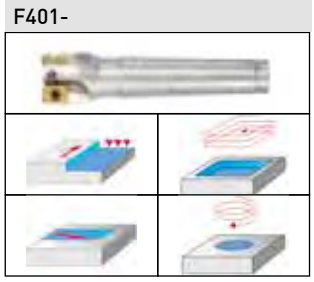
F302-



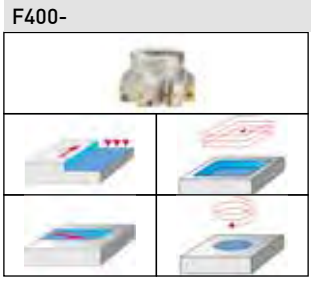
F402-



F401-



F400-



F256-



45° MILLING MACHINE

F304-



F407-



F303-



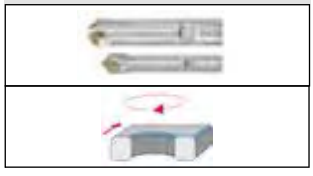
F308-



F406-

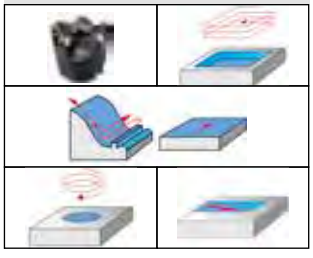


F307/16/22



MILLING MACHINE FOR CONTOURING AND FLATTENING ROUND INSERTS

F403-



F300-

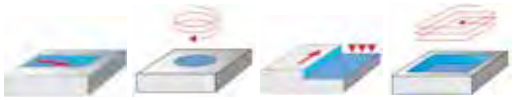
STRAIGHT SHANK FACE MILLING CUTTER

With cylindrical shank





Box Satin Nickel plated External Mill



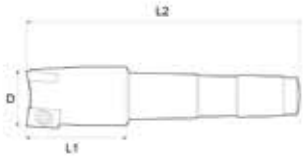
Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F300/12	€ 37,50	12 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003...
F300/14	€ 37,50	14 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003..
F300/16	€ 44,60	16 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/18	€ 49,70	18 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/20	€ 53,30	20 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/22	€ 53,30	22 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/25	€ 63,80	25 mm	20 mm	4	27 mm	120 mm	KV250	APKT1003...
F300/25/16	€ 63,80	25 mm	20 mm	2	44 mm	120 mm	KV400	APKT1604...
F300/25/16L	€ 74,20	25 mm	20 mm	2	44 mm	200 mm	KV400	APKT1604...
F300/32/16	€ 74,20	32 mm	25 mm	3	50 mm	120 mm	KV400	APKT1604...
F300/32/16L	€ 103,00	32 mm	32 mm	3	55 mm	200 mm	KV400	APKT1604...

F301-

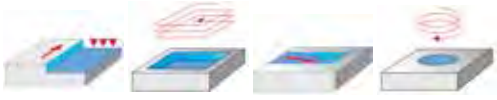
STRAIGHT SHANK FACE MILLING CUTTER

With DIN 228/A morse taper





Box Satin Nickel plated External Mill



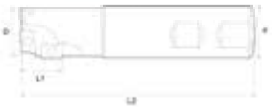
Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F301/25	€ 66,10	25 mm	3	2	40 mm	125 mm	KV400	APKT1604...
F301/32	€ 70,60	32 mm	3	3	40 mm	125 mm	KV400	APKT1604...
F301/40	€ 90,10	40 mm	3	4	35 mm	125 mm	KV400	APKT1604...
F301/32CM4	€ 90,10	32 mm	4	3	45 mm	150 mm	KV400	APKT1604...
F301/40CM4	€ 95,90	40 mm	4	4	40 mm	150 mm	KV400	APKT1604...

F306-

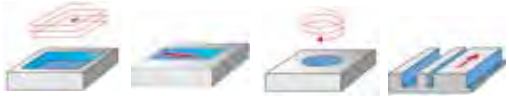
FACE MILLING CUTTER

With front perforating cut for making slots, with cylindrical attachment. It allows you to make slots from solid





Box Satin Nickel plated External Mill



Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F306/20	€ 82,30	20 mm	20 mm	3	18 mm	90 mm	KV250	APKT1003...
F306/25	€ 100,00	25 mm	25 mm	3	18 mm	100 mm	KV250	APKT1003...

F302-

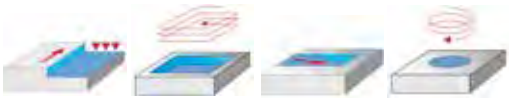
FACE MILLING CUTTER

With sleeve connection





Box Satin Nickel plated External Mill

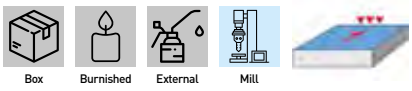


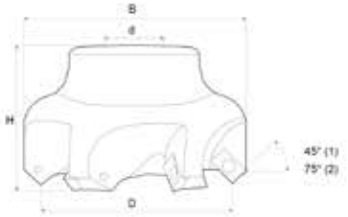
Art.	€	D	L	d	Z	Screw	Insert (not included)
F302/040	€ 145,00	40 mm	40 mm	16 mm	4	KV400	APKT1604...
F302/050	€ 150,00	50 mm	45 mm	22 mm	4	KV400	APKT1604...
F302/063	€ 158,00	63 mm	50 mm	22 mm	6	KV400	APKT1604...
F302/080	€ 187,00	80 mm	50 mm	27 mm	7	KV400	APKT1604...
F302/100	€ 232,00	100 mm	50 mm	32 mm	8	KV400	APKT1604...

F304-

FACE MILLING CUTTER FOR BLIND SIDE'S INSERT

With sleeve connection





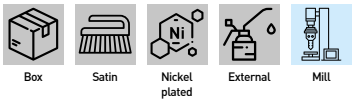


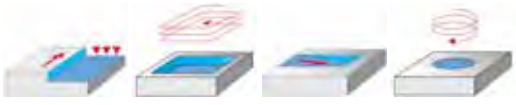
Art.	€	D	H	B	d	Z	Screw	Insert (not included)
F304/063	€ 268,00	63 mm	42 mm	71.2 mm	22 mm	6	KV250	APKT1003...
F304/080	€ 217,00	80 mm	47 mm	84 mm	27 mm	5	KV400	APKT1604...

F402-

FACE MILLING CUTTER

With cylindrical shank





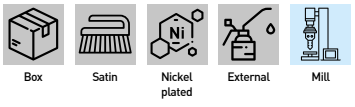


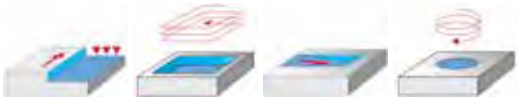
Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F402/25	€ 53,80	25 mm	20 mm	2	35 mm	110 mm	KV400	ADLT1503...
F402/32	€ 67,70	32 mm	25 mm	3	35 mm	120 mm	KV400	ADLT1503...
F402/25L	€ 73,30	25 mm	25 mm	2	35 mm	200 mm	KV400	ADLT1503...
F402/32L	€ 94,00	32 mm	25 mm	3	35 mm	200 mm	KV400	ADLT1503...

F401-

FACE MILLING CUTTER

With DIN 228/A morse taper





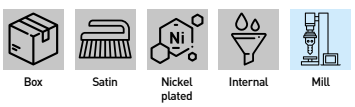


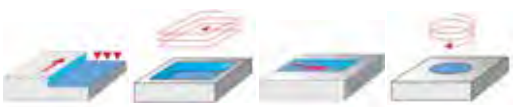
Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F401/25	€ 65,00	25 mm	3	2	44 mm	130 mm	KV400	ADLT1503...
F401/32	€ 79,40	32 mm	3	3	44 mm	130 mm	KV400	ADLT1503...
F401/40	€ 87,00	40 mm	3	4	44 mm	130 mm	KV400	ADLT1503...
F401/40CM4	€ 102,00	40 mm	4	4	44 mm	153 mm	KV400	ADLT1503...

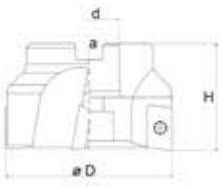
F400-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with medium power









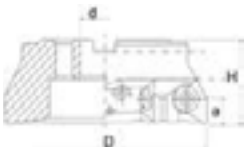
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F400/040	€ 93,20	40 mm	40 mm	8,4 mm	16 mm	4	KV400	ADLT1503...
F400/050	€ 125,00	50 mm	40 mm	10,4 mm	22 mm	5	KV400	ADLT1503...
F400/063	€ 143,00	63 mm	40 mm	10,4 mm	22 mm	6	KV400	ADLT1503...
F400/080	€ 183,00	80 mm	50 mm	12,4 mm	27 mm	7	KV400	ADLT1503...
F400/100	€ 225,00	100 mm	50 mm	14,4 mm	32 mm	8	KV400	ADLT1503...

F256-

FACE MILLING

With sleeve connection, recommended for use on machines with medium power







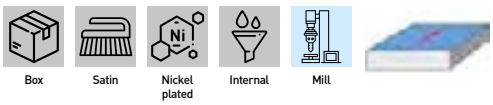
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F256/040	€ 147,00	40 mm	40 mm	16 mm	16 mm	3	F256/644	TPKN1603...
F256/050	€ 151,00	50 mm	40 mm	16 mm	22 mm	3	F256/644	TPKN1603...
F256/063	€ 164,00	63 mm	40 mm	16 mm	22 mm	3	F256/644	TPKN1603...
F256/080	€ 168,00	80 mm	50 mm	22 mm	27 mm	4	F256/648	TPKN2204...
F256/100	€ 217,00	100 mm	50 mm	22 mm	32 mm	5	F256/648	TPKN2204...

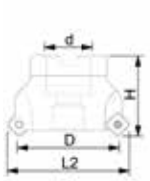
F407-

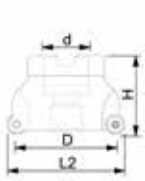
PRO

MILLING CUTTER WITH NEGATIVE INSERTS FOR FACE MILLING

With sleeve connection, recommended for use on machines with medium/high power.











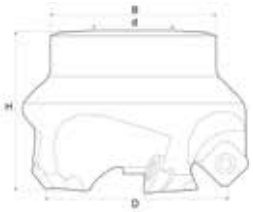
Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F407/050	€ 123,00	50	40	63	22	4	KV401	ONMX1205... - SNMX1205...
F407/063	€ 164,00	63	40	75	22	6	KV401	ONMX1205... - SNMX1205...
F407/080	€ 204,00	80	50	93	27	7	KV401	ONMX1205... - SNMX1205...
F407/100	€ 246,00	100	50	113	32	8	KV401	ONMX1205... - SNMX1205...

F303-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with medium power





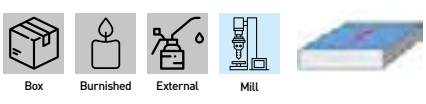


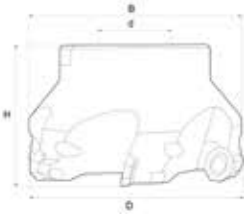
Art.	€	D	H	B	d	Z	Screw	Insert (not included)
F303/040	€ 115,00	40 mm	45 mm	53 mm	16 mm	3	KV500	SEHX1204... / SEHT1204...
F303/050	€ 129,00	50 mm	48 mm	60 mm	22 mm	4	KV500	SEHX1204... / SEHT1204...
F303/063	€ 151,00	63 mm	50 mm	76 mm	22 mm	5	KV500	SEHX1204... / SEHT1204...
F303/080	€ 181,00	80 mm	50 mm	93 mm	27 mm	5	KV500	SEHX1204... / SEHT1204...
F303/100	€ 213,00	100 mm	50 mm	113 mm	32 mm	6	KV500	SEHX1204... / SEHT1204...
F303/125	€ 313,00	125 mm	60 mm	138 mm	40 mm	7	KV500	SEHX1204... / SEHT1204...

F308-

FACE MILLING CUTTERS

With sleeve connection, thanks to the very positive geometry, excellent machined surfaces are obtained







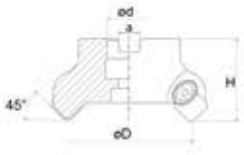
Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F308/063	€ 215,00	63 mm	40 mm	68 mm	22 mm	5	KV400	OFEX05T3...
F308/080	€ 277,00	80 mm	50 mm	86 mm	27 mm	6	KV400	OFEX05T3...
F308/100	€ 353,00	100 mm	50 mm	106 mm	32 mm	7	KV400	OFEX05T3...

F406-

FACE MILLING CUTTER

With sleeve connection, recommended for use on machines with reduced power







Art.	€	D	H	a	d	Z	Screw	Insert base	Insert (not included)
F406/40	**€ 147,00**	40 mm	48 mm	8,4 mm	16 mm	3	VT00440	WSSP	SEKN1203...
F406/50	**€ 153,00**	50 mm	48 mm	10,4 mm	22 mm	4	VT00440	WSSP	SEKN1203...
F406/63	**€ 164,00**	63 mm	48 mm	12,4 mm	22 mm	5	VT00440	WSSP	SEKN1203...
F406/80	**€ 189,00**	80 mm	50 mm	14,4 mm	27 mm	5	VT00440	WSSP	SEKN1203...
F406/100	**€ 243,00**	100 mm	50mm	16,4 mm	32 mm	6	VT00440	WSSP	SEKN1203...

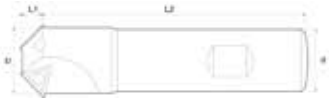
F307/16/22 € 147,00

INSERTS COUNTER SINKS SET

With cylindrical shank, for deburring of holes, slots and pockets, for milling plate edges





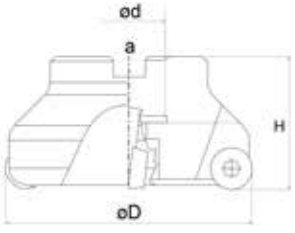


D	16 / 22 mm
d	12 / 20 mm
L1	7 mm
L2	90 / 100 mm
Z	1 / 2
Screw	KV250
Insert (not included)	TCMT1102

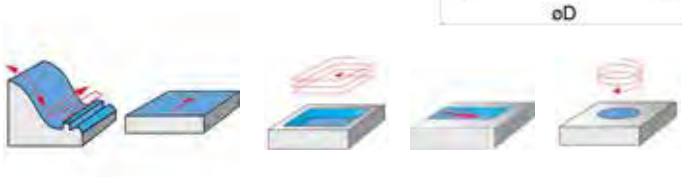
F403-

FACE MILLING CUTTER

With sleeve connection







Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F403/40	**€ 99,60**	40 mm	40 mm	8,4 mm	16 mm	3	KV400	RPMT1204...
F403/50	**€ 129,00**	50 mm	40 mm	10,4 mm	22 mm	4	KV400	RPMT1204...
F403/63	**€ 155,00**	63 mm	40 mm	10,4 mm	22 mm	5	KV400	RPMT1204...
F403/80	**€ 183,00**	80 mm	50 mm	12,4 mm	27 mm	6	KV400	RPMT1204...
F403/100	**€ 217,00**	100 mm	50 mm	14,4 mm	32 mm	6	KV400	RPMT1204...

BSTG16 € 24,60
SET 5 BASES 16MM



BU3550 € 24,60
5 BUSHING SET



BSCL09 € 24,60
SET 5 BASES 9MM



BSCL12 € 24,60
SET 5 BASES 12MM



BU4560 € 24,60
5 BUSHING SET



BSSS12 € 24,60
5 SQUARE BASES 12MM



BSVJ16 € 24,60
SET 5 BASES 16MM



BSDJ11 € 27,50
5 RHOMBIC BASES 11MM



BU4050 € 27,00
5 BUSHING SET



RICAPCLN € 16,60
BASE BRACKET SCREW KIT



RICAPTGN € 15,40
BASE BRACKET SCREW KIT



RICAPSSN € 16,60
BASE BRACKET SCREW KIT



STAFCKJNR € 19,50
RIGHT TOOL BRACKET



STAFCKJNL € 19,50
LEFT TOOL BRACKET



BASECKJNR € 11,30
CARBIDE BASE RIGHT TOOL



BASECKJNL € 11,30
CARBIDE BASE LEFT TOOL



VITECKJN € 4,58
TOOL SCREW



PDJNRKIT € 19,00
KIT PARTS



PWLNRKIT € 15,90
BASE BRACKET SCREW KIT



MCLNBASE25/32 € 19,30
BASE



CTMTMC16/20 € 23,80
TOOL BRACKET 16 - 20



CTMTMC25/32 € 23,80
TOOL BRACKET 25 - 32



MTFNBASE25/32 € 15,00
BASE



CTFP10/12 € 23,80
TOOL BRACKET



CTFPBASE25/32 € 15,00
BASE
For 25 - 32



BSER16 € 32,50
5 CARBIDE BASE 16MM



VT00440 € 20,80
5 PCS MILL SCREWS



BSNR16 € 32,50
5 CARBIDES
16 mm



F256/648 € 12,50
MILL SCREW 080/125



KVX
SCREWS 10 PCS



Art.	€	Screw
KV200	€ 20,40	T8 / M2
KV250	€ 20,40	T8 / M2,5
KV300	€ 20,40	T15 / M3
KV350	€ 20,40	T15 / M3,5
KV400	€ 20,40	T15 / M4
KV401	€ 20,40	T20 / M4
KV450	€ 20,40	T15 / M4,5
KV500	€ 20,40	T20 / M5

F256/644 € 7,00
MILL SCREW 040/063



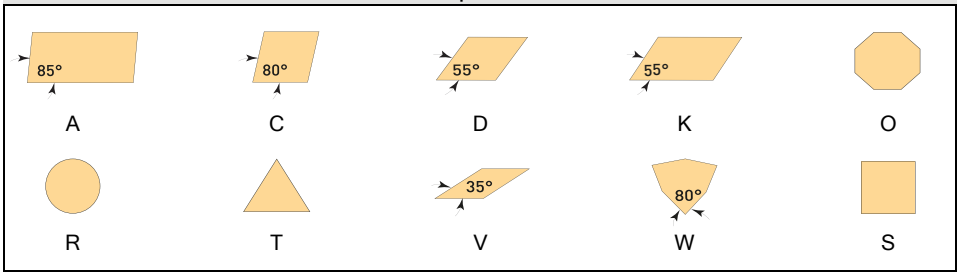
WSSP € 8,50
BASE



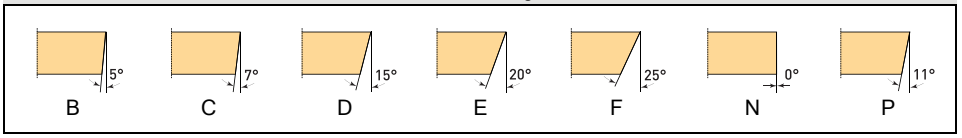
IDENTIFICATION OF TURNING AND MILLING INSERTS

C	N	M	G	12	04	08
1	2	3	4	5	6	7

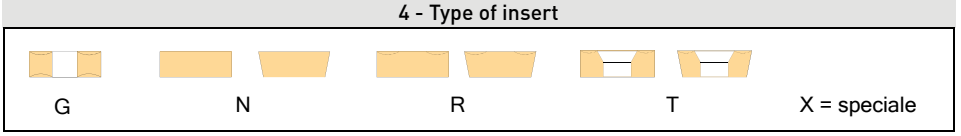
1 - Shape of insert



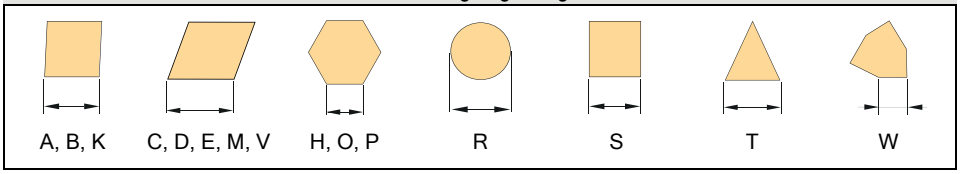
2 - Relief angle



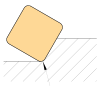
4 - Type of insert



5 - Cutting edge length

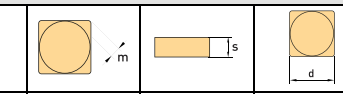


7 - Raggio



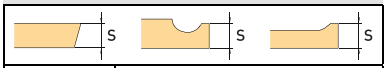
04	r 0,4
08	r 0,8
12	r 1,2
10	r 1,0

3 - Tollerance



	m	s	d
E	0,025	0,025	0,025
H	0,013	0,025	0,013
L	0,025	0,025	0,05 - 0,13
K	0,013	0,025	0,05 - 0,13
M	0,08	0,13	0,05 - 0,13
U	0,13 - 0,38	0,13 - 0,13	0,08 - 0,25

6 - Thickness



02	2,38 mm
03	3,18 mm
T3	3,97 mm
04	4,76 mm
05	5,56 mm
06	6,35 mm

ISO MATERIAL CLASSIFICATION

P	M	K
Lead and case-hardening steels, tempering and construction steels	Ferritic, austenitic, martensitic, duplex steels	Gray, hardened, spheroidal cast iron, CGI cast iron, sintered iron

CHARACTERISTICS OF INSERT GRADES

Grade	Coating	Work condition	Coolant	
				
N	CVD	Stable/Normal	X	
134	PVD	Stable/Normal		X
234	PVD	Stable/Normal		X
25	PVD	Stable		X
20A	PVD	Stable/Normal	X	X
F15	CVD	Stable	X	X
F25	CVD	Stable/Normal	X	X
M25	CVD	Stable/Normal	X	X
M35	CVD	Normal/Interrupted	X	X

	Description
	Coating
CVD	They are characterised by high wear resistance and excellent adhesion to carbide. In general turning they are applied in stainless steels and in the ISO P,M,K ranges.
PVD	They increase wear resistance due to their hardness. Their compressive stresses contribute to increased cutting edge toughness and resistance to comb crack formation.
	Work condition
Stable	Type of cut in which the insert has a homogeneous working condition.
Normal	Type of cut in which the insert may have an interrupted/repeated cutting condition.
Interrupted	Type of cut in which the insert will have several interruptions/restarts during processing.

IDENTIFICATION OF THREADING INSERTS

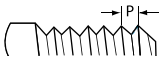
16	E	R	175	ISO
A1	A2	A3	A4	A5

A3 - Cutting direction	
R	Right
L	Left

A5 - Thread profile	
ISO	60° Metric Thread
W	Thread Whitworth 55°
AG60	60° Profile (Free Thread) 0,5 - 3mm
AG55	55° Profile (Free Thread) 28 - 11 TPI

A1 - Cutting edge length	
l	d
11	6,35
16	9,525
22	12,7

A2 - Threading	
	
E	I
External	Internal

A4 - Thread pitch	
	
mm	Threads/Inch
$\frac{A4}{100}$ (0,5 - 3mm)	(28 - 11 TPI)

GUIDE TO CHOOSING THE INSERT

	Materials			Field of use			Type of processing	
Type of insert	P	M	K	Finish	Medium	Roughing	Turning	Milling
CCMTx	●		o	✓			✓	
CCMTxA	●	o	o	✓			✓	
CNMGx	●		o	✓	✓		✓	
CNMGxF15	●		o	✓			✓	
CNMGxF25	o		o	✓			✓	
CNMGxM25	●		o		✓		✓	
CNMGxM35	o				✓		✓	
DCMTx	●		o	✓			✓	
DCMTxA	●	●	o	✓			✓	
DNMGx	●		o		✓		✓	
DNMGxM25	●		o		✓		✓	
DNMGxM35	o				✓		✓	
KNUx	●			✓			✓	
SCMTx	●	●	o	✓			✓	
SCMTxA1	●		o	✓			✓	
SCMTxA2	●	●	o	✓	✓		✓	
SCMTxA3	●	●	o	✓	✓		✓	
SNMGxF15	●		o	✓			✓	
SNMGxF25	o		o	✓			✓	
SNMGxM25	●		o		✓		✓	
SNMGxM35	o				✓		✓	
SPMRx	●			✓			✓	
TCMTx	●	●	o	✓	✓		✓	
TCMTxA	●	o	o	✓			✓	
WNMGx	●				✓		✓	
WNMGxM25	●		o		✓		✓	
WNMGxM35	o				✓		✓	

	Materials			Field of use			Type of processing	
Type of insert	**P**	**M**	**K**	**Finish**	**Medium**	**Roughing**	**Turning**	**Milling**
TNMGx	●		○	✓			✓	
TNMGxF15	●		○	✓			✓	
TNMGxF25	●		○	✓			✓	
TNMGxM25	●		○		✓		✓	
TNMGxM35	○				✓		✓	
TPMRx	●			✓			✓	
VBMTx	○			✓			✓	
VBMTxA	●	●	○	✓	✓		✓	
ADLTx	●				✓	✓		✓
ADLTxA	●	●			✓	✓		✓
ADLTxA1	●	●			✓	✓		✓
APKTx	○	●			✓			✓
OFEXx	●			✓	✓			✓
OFEXxA	●	●		✓	✓			✓
ONMXxA	●	●		✓	✓			✓
RDHTx	●		○		✓	✓		✓
RPMTx	●		○		✓	✓		✓
SEHTx	●			✓	✓			✓
SEHTxA	○	●		✓	✓			✓
SEKNx	●		○		✓	✓		✓
SEHXx	○				✓	✓		✓
SEHXxA	●	○			✓	✓		✓
SNMXx	●	●		✓	✓			✓
SPKNx	●	○			✓	✓		✓
TPKNx	●	○			✓	✓		✓
GCMX	●						✓	
GCMXA		●					✓	

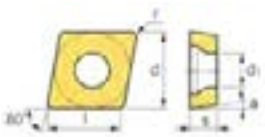
Key

- ● **Recommended Application**
- ○ **Possible Application**
- ✓ **Recommended field of application**

CCMTX

TURNING INSERTS

Positive





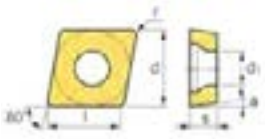
Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CCMT060204N	€ 7,20	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T304N	€ 8,30	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T308N	€ 8,30	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT120408N	€ 11,00	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

CCMTXA

TURNING INSERTS

Positive





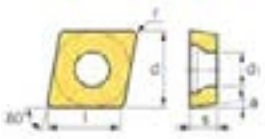
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CCMT06020420A	€ 7,50	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T30420A	€ 8,80	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T30820A	€ 8,80	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT12040820A	€ 11,50	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

CNMGX

TURNING INSERTS

Negative





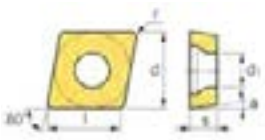
Box | Finishing | Medium | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404N	€ 9,20	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10
CNMG120408N	€ 9,20	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

CNMGXF15

TURNING INSERTS

Negative





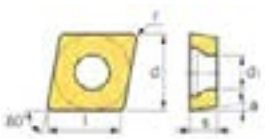
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F15	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10

CNMGXF25

TURNING INSERTS

Negative





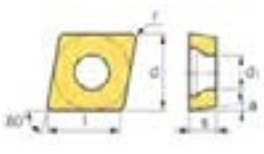
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F25	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10

CNMGXM25

TURNING INSERTS

Negative





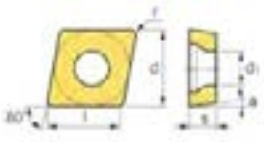
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M25	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

CNMGXM35

TURNING INSERTS

Negative





Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M35	€ 9,70	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

DCMTX

TURNING INSERTS

Positive





Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DCMT070204N	€ 7,20	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T304N	€ 9,50	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

DCMTXA

TURNING INSERTS

Positive





Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DCMT07020420A	€ 7,50	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T30420A	€ 9,90	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

DNMGX

TURNING INSERTS

Negative





Box | Medium | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608N	€ 13,80	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

DNMGXM25

TURNING INSERTS

Negative





Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M25	€ 14,70	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

DNMGXM35

TURNING INSERTS

Negative





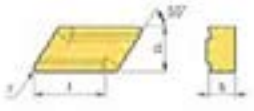
Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M35	€ 14,70	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

KNUX

TURNING INSERTS

Positive





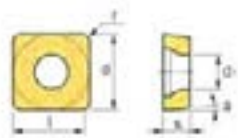
Box | Finishing | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
KNUX160405RN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410RN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10
KNUX160405LN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410LN	€ 11,80	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10

SCMTX

TURNING INSERTS

Positive





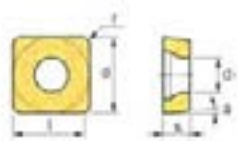
Box | Finishing | P | M | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T304N	€ 8,40	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
SCMT09T308N	€ 8,40	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
SCMT120408N	€ 11,70	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

SCMTXA1

TURNING INSERTS

Positive





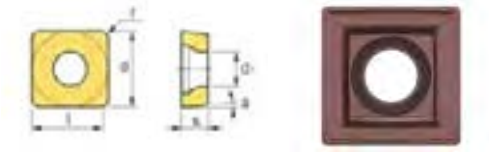
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30420A	€ 8,90	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10

SCMTXA2

TURNING INSERTS

Positive



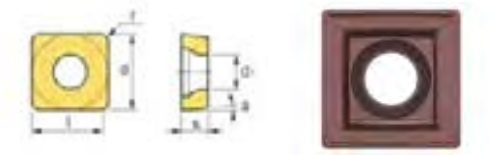
Box | Finishing | Medium | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30820A	€ 8,90	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

SCMTXA3

TURNING INSERTS

Positive



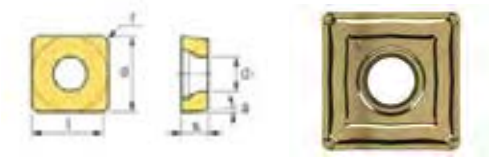
Box | Finishing | Medium | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SCMT12040820A	€ 12,20	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

SNMGXF15

TURNING INSERTS

Negative



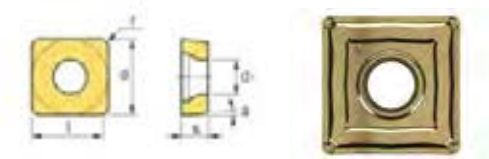
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F15	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

SNMGXF25

TURNING INSERTS

Negative



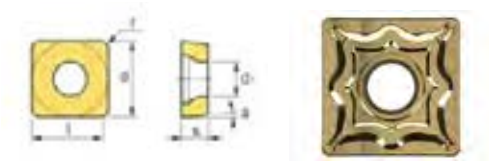
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F25	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

SNMGXM25

TURNING INSERTS

Negative



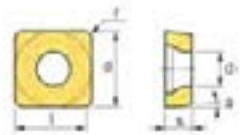
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M25	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10

SNMGXM35

TURNING INSERTS

Negative





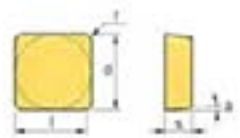
Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M35	€ 10,90	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10

SPMRX

TURNING INSERTS

Positive





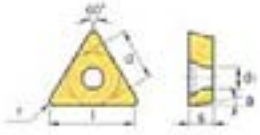
Box | Finishing | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
SPMR120304N	€ 9,60	12 mm	12.70 mm	12.70 mm	3.18 mm	0.40 mm	11°	10
SPMR120308N	€ 9,60	12 mm	12.70 mm	12.70 mm	3.18 mm	0.80 mm	11°	10

TCMTX

TURNING INSERTS

Positive





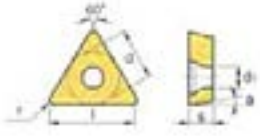
Box | Finishing | Medium | P | M | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TCMT090204N	€ 7,00	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT110204N	€ 7,30	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T304N	€ 9,30	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T308N	€ 9,30	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

TCMTXA

TURNING INSERTS

Positive





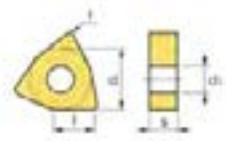
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TCMT09020420A	€ 7,40	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT11020420A	€ 7,70	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T30420A	€ 9,80	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T30820A	€ 9,80	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

WNMGX

TURNING INSERTS

Negative





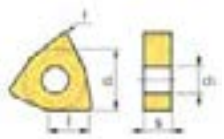
Box | Medium | P | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408N	€ 11,70	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

WNMGXM25

TURNING INSERTS

Negative





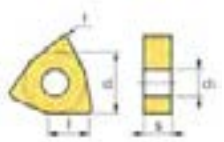
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M25	€ 12,20	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

WNMGXM35

TURNING INSERTS

Negative





Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M35	€ 12,20	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

TNMGX

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404N	€ 9,90	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10
TNMG160408N	€ 9,90	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10
TNMG220408N	€ 11,00	22 mm	12.70 mm	18.25 mm	4.76 mm	0.80 mm	5.16 mm	-	10

TNMGXF15

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F15	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

TNMGXF25

TURNING INSERTS

Negative





Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F25	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

TNMGXM25

TURNING INSERTS

Negative



Box · Medium · P · K · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M25	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

TNMGXM35

TURNING INSERTS

Negative



Box · Medium · P · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M35	€ 10,50	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

TPMRX

TURNING INSERTS

Positive



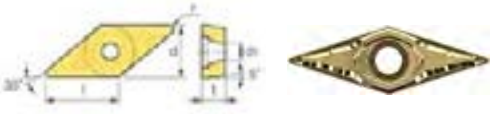
Box · Finishing · P · Turning · Emulsion · made in Italy

Art.	€	Dimensions	d	l	S	r	a°	Pack
TPMR110304N	€ 6,30	11 mm	5.98 mm	10.37 mm	3.18 mm	0.40 mm	11°	10
TPMR110308N	€ 6,30	11 mm	5.98 mm	10.37 mm	3.18 mm	0.80 mm	11°	10
TPMR160304N	€ 8,40	16 mm	9.23 mm	16 mm	3.18 mm	0.40 mm	11°	10
TPMR160308N	€ 8,40	16 mm	9.23 mm	16 mm	3.18 mm	0.80 mm	11°	10

VBMTX

TURNING INSERTS

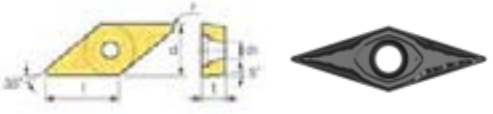
Positive



Box · Finishing · Medium · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
VBMT160404N	€ 13,40	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10

VBMTXA



Box · Finishing · Medium · P · M · K · Turning · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
VBMT16040420A	€ 14,20	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10

ADLTXA

MILLING INSERTS

90°



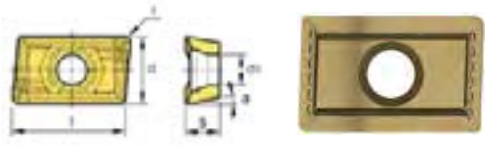
Box · Medium · Roughing · P · M · Milling · Emulsion · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT150308R20A	€ 10,30	15 mm	9.52 mm	14.5 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

ADLTX

MILLING INSERTS

90°



Box · Medium · Roughing · P · Milling · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR234	€ 9,00	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

ADLTXA1

MILLING INSERTS

90°



Box · Medium · Roughing · P · M · Milling · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR20A	€ 9,60	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

APKTX

MILLING INSERTS

90°



Box · Medium · P · M · Milling · Emulsion · Dry · made in Italy

Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
APKT1003PDER20A	€ 11,80	10 mm	6.70 mm	10.00 mm	3.18 mm	0.50 mm	3.20 mm	11°	10
APKT1604PDER20A	€ 13,40	16 mm	9.50 mm	16.30 mm	4.76 mm	0.90 mm	4.40 mm	11°	10

OFEXX

MILLING INSERTS

45°



Box · Finishing · Medium · P · Milling · Dry · made in Italy

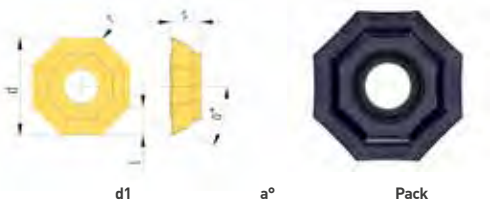
Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T305234	€ 12,30	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

OFEXXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy



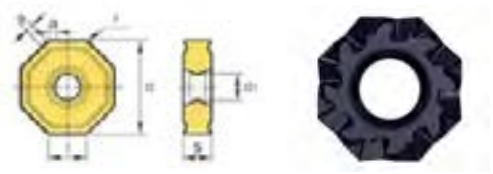
Art.	€	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T30520A	€ 13,00	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

ONMXXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

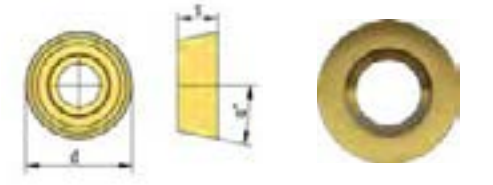


Art.	€	Dimensions	d	l	S	d1	a°	Pack
ONMX120520A	€ 15,90	12 mm	12.70 mm	1.50 mm	5.56 mm	6.00 mm	-	10

RDHTX

MILLING INSERTS

Box | Medium | Roughing | P | K | Milling | Emulsion | made in Italy

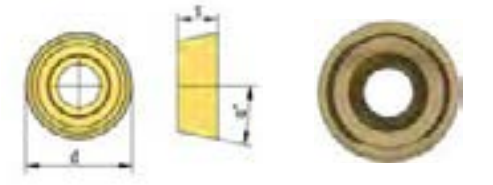


Art.	€	Dimensions	d	S	a°	Pack
RDHT10T3MO-N	€ 11,00	10 mm	10 mm	3.97 mm	15°	10

RPMTX

MILLING INSERTS

Box | Medium | Roughing | P | K | Milling | Emulsion | made in Italy



Art.	€	Dimensions	d	S	a°	Pack
RPMT1204N	€ 10,40	12 mm	12 mm	4.76 mm	11°	10

SEHTX

MILLING INSERTS

45°

Box | Finishing | Medium | P | Milling | Dry | made in Italy



Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN234	€ 16,20	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEHTXA

MILLING INSERTS

45°

Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

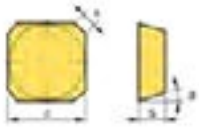


Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN20A	€ 17,10	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEKNX

MILLING INSERTS

45°





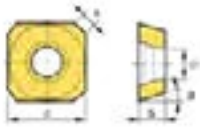
Box | Medium | Roughing | P | K | Milling | Dry | made in Italy

Art.	€	Dimensions	d	a	S	a°	Pack
SEKN1203AFN25	€ 9,30	12 mm	12.70 mm	1.80 mm	3.18 mm	20°	10

SEHXX

MILLING INSERTS

45°





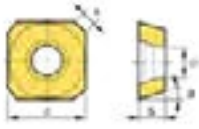
Box | Medium | Roughing | P | Milling | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHX1204234	€ 12,10	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SEHXXA

MILLING INSERTS

45°





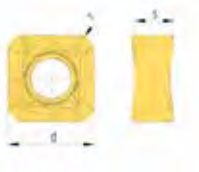
Box | Medium | Roughing | P | M | Milling | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SEHX120420A	€ 12,80	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

SNMXX

MILLING INSERTS

45°



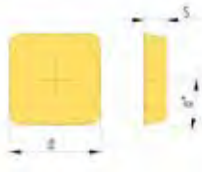


Box | Finishing | Medium | P | M | Milling | Emulsion | Dry | made in Italy

Art.	€	Dimensions	d	a	S	d1	a°	Pack
SNMX120520A	€ 12,50	12 mm	12.70 mm	1.80 mm	5.56 mm	6.00 mm	-	10

SPKNX

MILLING INSERTS





Box | Medium | Roughing | P | M | Milling | Dry | made in Italy

Art.	€	Dimensions	l	a	S	a°	Pack
SPKN1203R25	€ 10,70	12 mm	12.7 mm	1.40 mm	3.18 mm	11°	10

TPKNX

MILLING INSERTS





Box | Medium | Roughing | P | M | Milling | Dry | made in Italy

Art.	€	Dimensions	d	l	a	S	a°	Pack
TPKN1603R25	€ 8,40	16 mm	9.52 mm	16.50 mm	1.47 mm	3.18 mm	11°	10
TPKN2204R25	€ 12,10	22 mm	12.70 mm	22.00 mm	1.47 mm	4.76 mm	11°	10

16IRX

INTERNAL THREAD INSERTS



Box Turning

Art.	€	Thread	Pack
11IRA55134	€ 11,00	Whitworth 28 - 11 TPI	10
11IRA60134	€ 11,00	Metric 0.2 - 3 mm	10
16IR100ISO134	€ 12,30	P. Metric 1 mm	10
16IR125ISO134	€ 12,30	P. Metric 1.25 mm	10
16IR150ISO134	€ 12,30	P. Metric 1.50 mm	10
16IR175ISO134	€ 12,30	P. Metric 1.75 mm	10
16IR200ISO134	€ 12,30	P. Metric 2.00 mm	10
16IR250ISO134	€ 12,30	P. Metric 2.50 mm	10
16IR300ISO134	€ 12,30	P. Metric 3.00 mm	10
16IRAG60134	€ 12,30	Metric 0.2 - 3 mm	10
16IR14W134	€ 12,30	Whitwort 14 TPI	10
16IR11W134	€ 12,30	Whitworth 11 TPI	10
16IRAG55134	€ 12,30	Whitworth 28 - 11 TPI	10

16ERX

EXTERNAL THREAD INSERTS



Box Turning

Art.	€	Thread	Pack
16ER100ISO134	€ 12,30	P. Metric 1 mm	10
16ER125ISO134	€ 12,30	P. Metric 1.25 mm	10
16ER150ISO134	€ 12,30	P. Metric 1.50 mm	10
16ER175ISO134	€ 12,30	P. Metric 1.75 mm	10
16ER200ISO134	€ 12,30	P. Metric 2.00 mm	10
16ER250ISO134	€ 12,30	P. Metric 2.50 mm	10
16ER300ISO134	€ 12,30	P. Metric 3.00 mm	10
16ERAG60134	€ 12,30	Metric 0.2 - 3 mm	10
16ER14W134	€ 12,30	Whitworth 14 TPI	10
16ER11W134	€ 12,30	Whitworth 11 TPI	10
16ERAG55134	€ 12,30	Whitworth 28 - 11 TPI	10

GCMX

CUTTING INSERTS



Box P Turning made in Italy

Art.	€	Thickness	r	Pack
GCMX2N134	€ 8,80	2.20 mm	0.20 mm	10
GCMX3N134	€ 8,80	3.10 mm	0.20 mm	10
GCMX4N134	€ 9,90	4.10 mm	0.20 mm	10
GCMX5N134	€ 10,40	5.10 mm	0.3 mm	10

GCMXA

CUTTING INSERTS



Box M Turning made in Italy

Art.	€	Thickness	r	Pack
GCMX2N20A	€ 9,20	2.20 mm	0.20 mm	10
GCMX3N20A	€ 9,20	3.10 mm	0.20 mm	10
GCMX4N20A	€ 10,50	4.10 mm	0.20 mm	10
GCMX5N20A	€ 11,00	5.10 mm	0.30 mm	10

165X

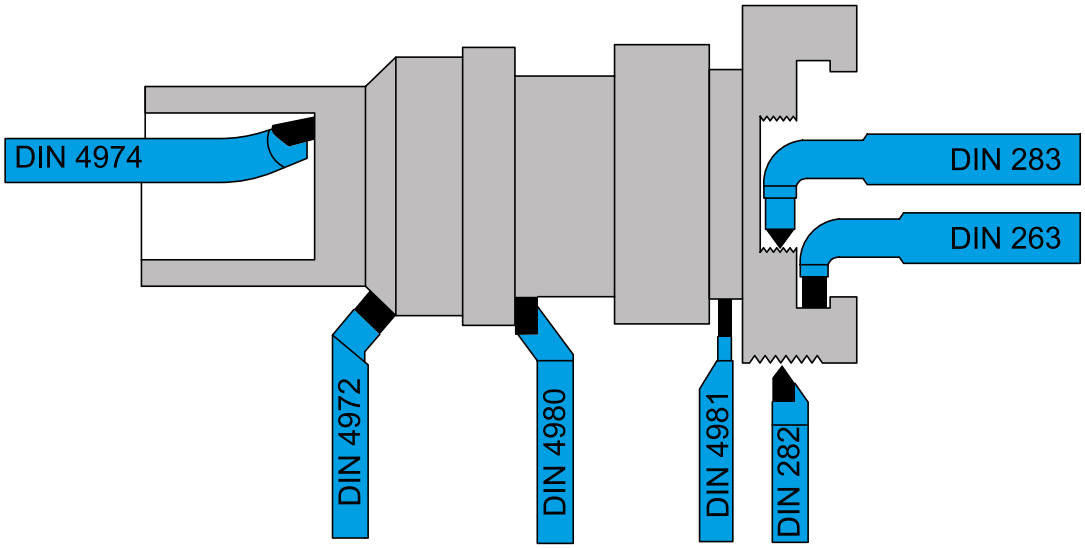
GROOVE INSERTS



Box Turning

Art.	€	S	Pack
165110134	€ 12,30	1.10 mm	10
165130134	€ 12,30	1.30 mm	10
165160134	€ 12,30	1.60 mm	10
165185134	€ 12,30	1..85 mm	10

Art.	€	S	Pack
165215134	€ 12,30	2.15 mm	10
165265134	€ 12,30	2.65 mm	10
165315134	€ 12,30	3.15 mm	10



B005-

CARBIDE TIPPED LATH E TOOL SET



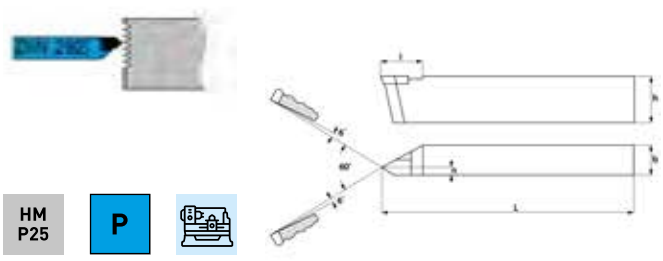
5 Pcs | Blister | HM P25 | P | Lathe

Art.	€	Kit
B005	€ 25,40	1BRAS411108RP - 1BRAS411110RP - 1BRAS410312RP - 1BRAS410412RP - 1BRAS410912RP
B005/16	€ 38,10	1BRAS411110RP - 1BRAS411112RP - 1BRAS410316RP - 1BRAS410416RP - 1BRAS410916RP
B005/20	€ 47,70	1BRAS411112RP - 1BRAS411116RP - 1BRAS410320RP - 1BRAS410420RP - 1BRAS410920RP

BRFEX

CARBIDE TIPPED TOOL FOR EXTERNAL THREAD

DIN 282, for the execution of all external 60 ° threads



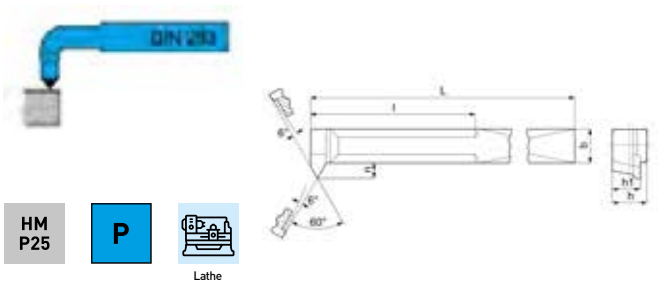
HM P25 | P | Lathe

Art.	€	L	b	h
BRFE12RP	€ 9,10	90 mm	12 mm	12 mm
BRFE16RP	€ 10,40	100 mm	16 mm	16 mm
BRFE20RP	€ 12,90	125 mm	20 mm	20 mm
BRFE25RP	€ 15,60	140 mm	25 mm	25 mm

BRFIX

CARBIDE TIPPED TOOL FOR INTERNAL THREAD

DIN 283, for the execution of all internal 60 ° threads



HM P25 | P | Lathe

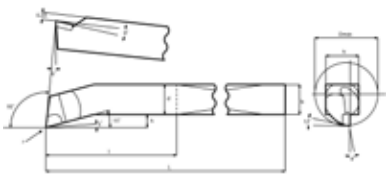
Art.	€	L	b	h
BRFI10RP	€ 9,60	150 mm	10 mm	10 mm
BRFI12RP	€ 10,40	180 mm	12 mm	12 mm
BRFI16RP	€ 12,90	210 mm	16 mm	16 mm
BRFI20RP	€ 13,40	250 mm	20 mm	20 mm
BRFI25RP	€ 16,70	300 mm	25 mm	25 mm

BRAS4111X

CARBIDE TIPPED TOOL FOR BLIND HOLES

ISO 9 - DIN 4974.





HM P25 | P | Lathe

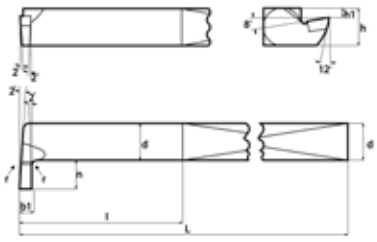
Art.	€	L	b	h
BRAS411108RP	€ 6,90	125 mm	8 mm	8 mm
BRAS411110RP	€ 8,40	150 mm	10 mm	10 mm
BRAS411112RP	€ 8,90	180 mm	12 mm	12 mm
BRAS411116RP	€ 10,70	210 mm	16 mm	16 mm
BRAS411120RP	€ 11,50	250 mm	20 mm	20 mm
BRAS411125RP	€ 17,30	300 mm	25 mm	25 mm
BRAS411132RP	€ 20,70	355 mm	32 mm	32 mm

BRCIX

CARBIDE TIPPED TOOL FOR INTERNAL SLOTS

DIN 263.





HM P25 | P | Lathe

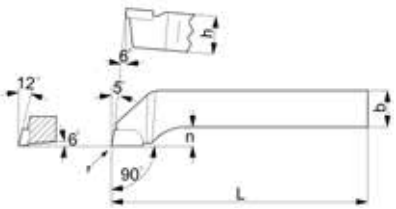
Art.	€	L	b	h	b1
BRCI10RP	€ 9,90	150 mm	10 mm	10 mm	3 mm
BRCI12RP	€ 9,90	180 mm	12 mm	12 mm	4 mm
BRCI16RP	€ 11,30	210 mm	16 mm	16 mm	5 mm
BRCI20RP	€ 12,30	210 mm	20 mm	20 mm	6 mm
BRCI25RP	€ 15,90	300 mm	25 mm	25 mm	8 mm

BRAS4104X

CARBIDE TIPPED TOOL FOR FACING

ISO 6 - DIN 4980.





HM P25 | P | Lathe

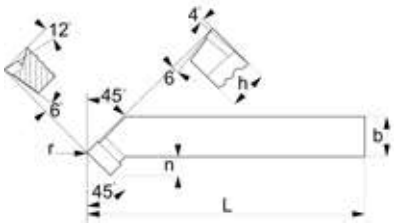
Art.	€	L	b	h
BRAS410410LP	€ 6,00	90 mm	10 mm	10 mm
BRAS410410RP	€ 6,00	90 mm	10 mm	10 mm
BRAS410412LP	€ 6,60	100 mm	12 mm	12 mm
BRAS410412RP	€ 6,60	100 mm	12 mm	12 mm
BRAS410416LP	€ 7,90	110 mm	16 mm	16 mm
BRAS410416RP	€ 7,90	110 mm	16 mm	16 mm
BRAS410420LP	€ 9,60	125 mm	20 mm	20 mm
BRAS410420RP	€ 9,60	125 mm	20 mm	20 mm
BRAS410425RP	€ 14,00	140 mm	25 mm	25 mm

BRAS4103X

CARBIDE TIPPED TOOL FOR OUTSIDE ROUGHING

ISO 2 - DIN 4972.





HM P25 | P | Lathe

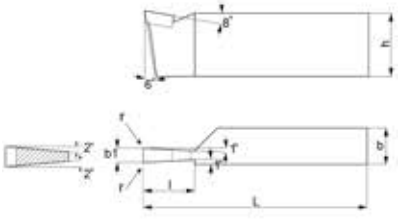
Art.	€	L	b	h
BRAS410310RP	€ 6,30	90 mm	10 mm	10 mm
BRAS410312LP	€ 6,90	100 mm	12 mm	12 mm
BRAS410312RP	€ 6,90	100 mm	12 mm	12 mm
BRAS410316LP	€ 8,30	110 mm	16 mm	16 mm
BRAS410316RP	€ 8,30	110 mm	16 mm	16 mm
BRAS410320LP	€ 10,20	125 mm	20 mm	20 mm
BRAS410320RP	€ 10,20	125 mm	20 mm	20 mm
BRAS410325RP	€ 14,70	140 mm	25 mm	25 mm

BRAS4109X

CARBIDE TIPPED TOOL FOR CUTTING OFF

ISO 7 - DIN 4981





HM P25 | P | Lathe

Art.	€	L	b	h	b1
BRAS410912RP	€ 6,30	100 mm	8 mm	12 mm	3 mm
BRAS410916RP	€ 6,90	110 mm	10 mm	16 mm	3,5 mm
BRAS410920RP	€ 7,70	125 mm	12 mm	20 mm	5 mm
BRAS410925RP	€ 10,90	140 mm	16 mm	25 mm	6 mm

B012-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8% | Lathe

Art.	€	ø	Length	Tolerance
B012/04	€ 8,90	4 mm	200 mm	h9
B012/05	€ 9,90	5 mm	200 mm	h9
B012/06	€ 11,30	6 mm	200 mm	h9
B012/08	€ 14,70	8 mm	200 mm	h9
B012/10	€ 18,20	10 mm	200 mm	h9
B012/12	€ 23,10	12 mm	200 mm	h9
B012/13	€ 28,40	13 mm	135 mm	h9
B012/16	€ 43,50	16 mm	200 mm	h9
B012/20	€ 56,20	20 mm	200 mm	h9

B013-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8%

Lathe

Art.	€	Sides dimension	Length	Tolerance
B013/04X04	€ 10,30	4 x 4 mm	200 mm	h13
B013/05X05	€ 13,00	5 x 5 mm	200 mm	h13
B013/06X06	€ 14,30	6 x 6 mm	200 mm	h13
B013/08X08	€ 17,30	8 x 8 mm	200 mm	h13
B013/10X10	€ 24,20	10 x 10 mm	200 mm	h13
B013/12X12	€ 28,50	12 x 12 mm	200 mm	h13
B013/14X14	€ 39,90	14 x 14 mm	200 mm	h13
B013/16X16	€ 45,80	16 x 16 mm	200 mm	h13
B013/20X20	€ 67,70	20 x 20 mm	200 mm	h13

B014-

HARDENED AND GROUNDED TOOL BITS



HSS CO 8%

Lathe

Art.	€	Sides dimension	Length	Tolerance
B014/20X04	€ 24,60	20 x 04 mm	200 mm	h13
B014/20X05	€ 26,40	20 x 05 mm	200 mm	h13
B014/20X06	€ 39,60	20 x 06 mm	200 mm	h13
B014/20X08	€ 50,20	20 x 08 mm	200 mm	h13
B014/20X10	€ 53,30	20 x 10 mm	200 mm	h13
B014/20X12	€ 53,30	20 x 12 mm	200 mm	h13
B014/25X06	€ 38,50	25 x 06 mm	200 mm	h13



TYPES OF MATERIAL USED IN THE CONSTRUCTION OF HELICAL TIPS

	Type	Description	Duration	Processable metals
HSS	 ST1Ax  P023-  ST2Ax	HSS, High Speed Steel, is the most common of all metal tool steels. A tool made of HSS has high hardness and good strength.	**	Alloy and non-alloy steels, non-ferrous metals, grey and malleable cast iron, sintered iron
HSS-TiN	 P058-	The titanium coating, carried out to a HSS tool forms a harder and stronger alloy. This leads to a drill capable of machining the same materials as HSS but with much reduced cutting edge wear.	****	Alloy and non-alloy steels, non-ferrous metals, malleable cast iron, sintered iron
HSS-Co5%	 P065-	Cobalt, added to a steel tool such as HSS - in this case 5% - gives strength and resistance and increases the hardness of the tool itself. Cobalt retains its properties at a higher temperature than titanium, which makes it possible to drill at a higher speed and under more critical conditions.	*****	Hard and treated steels, stainless steels, chrome-nickel, cast iron and bronze
HSS-Co8%	 P064-	Cobalt, added to a steel tool such as HSS - in this case 8% - gives strength and resistance and increases the hardness of the tool itself. Cobalt retains its properties at a higher temperature than titanium, which makes it possible to drill at a higher speed and under more critical conditions.	*****	Hard and treated steels, stainless steels, chrome-nickel, cast iron and bronze

DRILLING PARAMETERS BY MATERIAL TYPE HSS, HSS-CO5% AND HSS-CO8% DRILL TIPS

Materials to be processed	Tip type	Peripheral speed Vt (m/min)	Tip diameter				Coolant
			2	5	8	12	
			Feed (mm/revolution)				
Non-alloy structural steel R<600N/mm2	HSS	20 - 25	0,05	0,12	0,20	0,25	Emulsion
	HSS-Tin	25 - 30					
Low alloy construction steel R< 700÷900N/mm2	HSS	10 - 12	0,03	0,07	0,10	0,16	Emulsion
	HSS-Tin	15 - 18					
Alloy steel R< 1100÷1300N/mm2	HSS	6 - 8	0,02	0,05	0,08	0,12	Emulsion
	HSS-Tin	8 - 10					
Stainless steel	Hss-Co5%	6 - 8	0,02	0,05	0,08	0,12	Emulsion
	Hss-Co8%	8 - 10					
Grey Cast Iron 200HB	HSS	15 - 20	0,02	0,12	0,20	0,25	No refriger.
	HSS-Tin	20 - 25					
Grey Cast Iron 350HB	HSS	5 - 10	0,03	0,07	0,10	0,16	No refriger.
	HSS-Tin	20 - 25					
Bronze	HSS	20 - 30	0,05	0,08	0,14	0,20	Emulsion or Oil
Brass	HSS	40 - 70	0,06	0,16	0,22	0,32	
Aluminium	HSS	40 - 80	0,05	0,14	0,18	0,22	Emulsion
Aluminium alloys	HSS	30 - 60	0,05	0,14	0,18	0,22	

THEORETICAL NUMBER OF RPM FOR THE USE OF HELICAL TIPS ACCORDING TO THE CHOSEN Vt

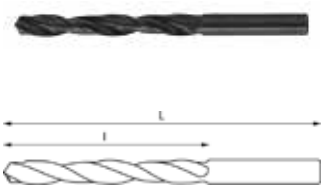
ø	Cutting speed Vc (mt/min)																	
	3	4	5	6	8	10	12	15	18	20	25	30	35	40	50	60	70	80
(mm)	Number of revolutions per minute (rpm)																	
2	478	637	796	955	1274	1592	1911	2389	2866	3185	3981	4777	5573	6369	7962	9554	11146	12739
3	318	425	531	637	849	1062	1274	1592	1911	2123	2654	3185	3715	4246	5308	6369	7431	8493
4	239	318	398	478	637	796	955	1194	1433	1592	1990	2389	2787	3185	3981	4777	5573	6369
5	191	255	318	382	510	637	764	955	1146	1274	1592	1911	2229	2548	3185	3822	4459	5096
6	159	212	265	318	425	531	637	796	955	1062	1327	1592	1858	2123	2654	3185	3715	4246
8	119	159	199	239	318	398	478	597	717	796	995	1194	1393	1592	1990	2389	2787	3185
10	96	127	159	191	255	318	382	478	573	637	796	955	1115	1274	1592	1911	2229	2548
12	80	106	133	159	212	265	318	398	478	531	663	796	929	1062	1327	1592	1858	2123

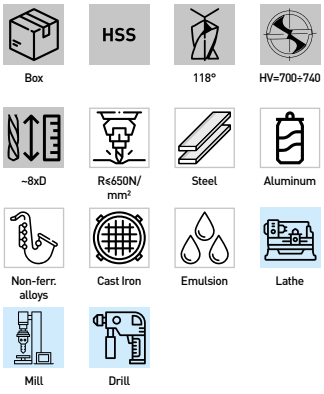


ST1AX

STRAIGHT SHANK TWIST DRILL

DIN 338/N, right hand, black finish





Art.	€	ø	L	l	Pack
ST1A01	€ 0,43	1,00 mm	34 mm	12 mm	10
ST1A01.25	€ 0,43	1,25 mm	38 mm	16 mm	10
ST1A01.50	€ 0,43	1,50 mm	40 mm	18 mm	10
ST1A01.75	€ 0,43	1,75 mm	46 mm	22 mm	10
ST1A02	€ 0,43	2,00 mm	49 mm	24 mm	10
ST1A02.25	€ 0,43	2,25 mm	53 mm	27 mm	10
ST1A02.50	€ 0,43	2,50 mm	57 mm	30 mm	10
ST1A02.75	€ 0,43	2,75 mm	61 mm	33 mm	10
ST1A03	€ 0,43	3,00 mm	61 mm	33 mm	10
ST1A03.25	€ 0,48	3,25 mm	65 mm	36 mm	10
ST1A03.50	€ 0,48	3,50 mm	70 mm	39 mm	10
ST1A03.75	€ 0,48	3,75 mm	70 mm	39 mm	10
ST1A04	€ 0,48	4,00 mm	75 mm	43 mm	10
ST1A04.25	€ 0,56	4,25 mm	75 mm	43 mm	10
ST1A04.50	€ 0,56	4,50 mm	80 mm	47 mm	10
ST1A04.75	€ 0,56	4,75 mm	80 mm	47 mm	10
ST1A05	€ 0,63	5,00 mm	86 mm	52 mm	10
ST1A05.25	€ 0,63	5,25 mm	86 mm	52 mm	10
ST1A05.50	€ 0,63	5,50 mm	93 mm	57 mm	10
ST1A05.75	€ 0,72	5,75 mm	93 mm	57 mm	10
ST1A06	€ 0,72	6,00 mm	93 mm	57 mm	10
ST1A06.25	€ 0,82	6,25 mm	101 mm	63 mm	10
ST1A06.50	€ 0,82	6,50 mm	101 mm	63 mm	10
ST1A06.75	€ 1,09	6,75 mm	109 mm	69 mm	10
ST1A07	€ 1,09	7,00 mm	109 mm	69 mm	10
ST1A07.25	€ 1,09	7,25 mm	109 mm	69 mm	10
ST1A07.50	€ 1,19	7,50 mm	109 mm	69 mm	10
ST1A07.75	€ 1,27	7,75 mm	117 mm	75 mm	10
ST1A08	€ 1,27	8,00 mm	117 mm	75 mm	10
ST1A08.25	€ 1,46	8,25 mm	117 mm	75 mm	5
ST1A08.50	€ 1,46	8,50 mm	117 mm	75 mm	5
ST1A08.75	€ 1,62	8,75 mm	125 mm	81 mm	5
ST1A09	€ 1,62	9,00 mm	125 mm	81 mm	5
ST1A09.25	€ 1,80	9,25 mm	125 mm	81 mm	5
ST1A09.50	€ 1,80	9,50 mm	125 mm	81 mm	5
ST1A09.75	€ 1,90	9,75 mm	133 mm	87 mm	5
ST1A10	€ 1,99	10,00 mm	133 mm	87 mm	5
ST1A10.25	€ 2,36	10,25 mm	133 mm	87 mm	5
ST1A10.50	€ 2,36	10,50 mm	133 mm	87 mm	5
ST1A10.75	€ 2,70	10,75 mm	142 mm	94 mm	5
ST1A11	€ 2,70	11,00 mm	142 mm	94 mm	5
ST1A11.25	€ 3,07	11,25 mm	142 mm	94 mm	5
ST1A11.50	€ 3,07	11,50 mm	142 mm	94 mm	5
ST1A11.75	€ 3,43	11,75 mm	142 mm	94 mm	5
ST1A12	€ 3,43	12,00 mm	151 mm	101 mm	5
ST1A12.25	€ 3,89	12,25 mm	151 mm	101 mm	5
ST1A12.50	€ 3,89	12,50 mm	151 mm	101 mm	5
ST1A12.75	€ 3,89	12,75 mm	151 mm	101 mm	5
ST1A13	€ 3,89	13,00 mm	151 mm	101 mm	5

P046 € 31,30

TWIST DRILL SET

DIN 338/N, right hand, black finish.




25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P045 € 15,80

TWIST DRILL SET

DIN 338/N, right hand, black finish.



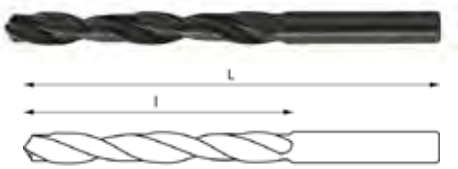

19 Pcs

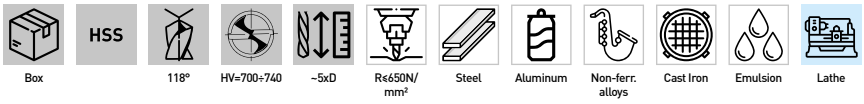
Size (step 0,5 mm)	1÷10 mm

ST1AXC

STRAIGHT SHANK TWIST DRILL

DIN 1897/N, rolled, right hand, short length, black finish





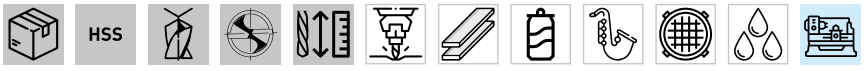
Art.	€	ø	L	l	Pack
ST1A02.00C	€ 0,31	2,00 mm	38 mm	12 mm	10
ST1A02.50C	€ 0,31	2,50 mm	43 mm	14 mm	10
ST1A03.00C	€ 0,31	3,00 mm	46 mm	16 mm	10
ST1A03.25C	€ 0,36	3,25 mm	49 mm	18 mm	10
ST1A03.50C	€ 0,36	3,50 mm	52 mm	20 mm	10
ST1A03.75C	€ 0,40	3,75 mm	52 mm	20 mm	10
ST1A04.00C	€ 0,40	4,00 mm	55 mm	22 mm	10
ST1A04.25C	€ 0,43	4,25 mm	55 mm	22 mm	10
ST1A04.50C	€ 0,43	4,50 mm	58 mm	24 mm	10
ST1A05.00C	€ 0,52	5,00 mm	62 mm	26 mm	10
ST1A05.50C	€ 0,71	5,50 mm	66 mm	28 mm	10
ST1A06.00C	€ 0,71	6,00 mm	66 mm	28 mm	10

ST1AXR10

STRAIGHT SHANK TWIST DRILL

DIN 338/N, 10 mm reduced shank rolled twist drill, right hand, black finish





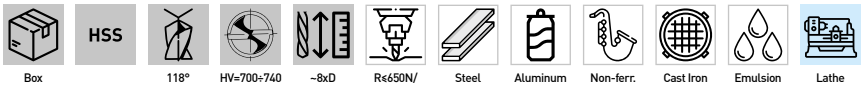
Art.	€	ø	L	l	Pack
ST1A10.25R10	€ 2,53	10,25 mm	133 mm	87 mm	5
ST1A10.50R10	€ 2,53	10,5 mm	133 mm	87 mm	5
ST1A10.75R10	€ 2,86	10,75 mm	142 mm	94 mm	5
ST1A11.00R10	€ 2,86	11,00 mm	142 mm	94 mm	5
ST1A11.25R10	€ 3,28	11,25 mm	142 mm	94 mm	5
ST1A11.50R10	€ 3,28	11,5 mm	142 mm	94 mm	5
ST1A11.75R10	€ 3,70	11,75 mm	142 mm	94 mm	5
ST1A12.00R10	€ 3,70	12 mm	151 mm	101 mm	5
ST1A12.25R10	€ 4,12	12,25 mm	151 mm	101 mm	5
ST1A12.50R10	€ 4,12	12,50 mm	151 mm	101 mm	5
ST1A12.75R10	€ 4,12	12,75 mm	151 mm	101 mm	5
ST1A13.00R10	€ 4,12	13 mm	151 mm	101 mm	5
ST1A13.25R10	€ 5,20	13,25 mm	160 mm	108 mm	5
ST1A13.50R10	€ 5,20	13,5 mm	160 mm	108 mm	5
ST1A13.75R10	€ 5,20	13,75 mm	160 mm	108 mm	5
ST1A14.00R10	€ 5,20	14,00 mm	160 mm	108 mm	5
ST1A14.25R10	€ 5,70	14,25 mm	169 mm	114 mm	5
ST1A14.50R10	€ 5,70	14,5 mm	169 mm	114 mm	5
ST1A14.75R10	€ 5,70	14,75 mm	169 mm	114 mm	5
ST1A15.00R10	€ 5,70	15 mm	169 mm	114 mm	5
ST1A15.25R10	€ 7,00	15,25 mm	178 mm	120 mm	5
ST1A15.50R10	€ 7,00	15,50 mm	178 mm	120 mm	5
ST1A15.75R10	€ 7,00	15,75 mm	178 mm	120 mm	5
ST1A16.00R10	€ 7,00	16 mm	178 mm	120 mm	5

ST1AXR13

STRAIGHT SHANK TWIST DRILL

DIN 338/N, 13 mm reduced shank rolled twist drill, right hand, black finish



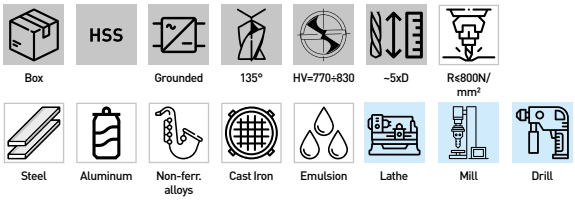


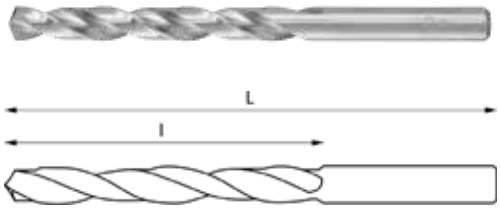
Art.	€	ø	L	l	Pack
ST1A13.25R13	€ 5,20	13,25 mm	160 mm	108 mm	5
ST1A13.50R13	€ 5,20	13,50 mm	160 mm	108 mm	5
ST1A13.75R13	€ 5,20	13,75 mm	160 mm	108 mm	5
ST1A14.00R13	€ 5,20	14,00 mm	160 mm	108 mm	5
ST1A14.25R13	€ 5,70	14.25 mm	169 mm	114 mm	5
ST1A14.50R13	€ 5,70	14,50 mm	169 mm	114 mm	5
ST1A14.75R13	€ 5,70	14,75 mm	169 mm	114 mm	5
ST1A15.00R13	€ 5,70	15,00 mm	169 mm	114 mm	5
ST1A15.25R13	€ 7,00	15,25 mm	178 mm	120 mm	5
ST1A15.50R13	€ 7,00	15,50 mm	178 mm	120 mm	5
ST1A15.75R13	€ 7,00	15,75 mm	178 mm	120 mm	5
ST1A16.00R13	€ 7,00	16,00 mm	178 mm	120 mm	5

P023-

STRAIGHT SHANK TWIST DRILL

DIN 338/N, Right hand, rectified





Art.	€	ø	L	l	Pack
P023/00.30	€ 0,39	0.30 mm	19 mm	3 mm	10
P023/00.35	€ 0,39	0.35 mm	19 mm	4 mm	10
P023/00.40	€ 0,39	0.40 mm	20 mm	5 mm	10
P023/00.45	€ 0,39	0.45 mm	20 mm	5 mm	10
P023/00.50	€ 0,39	0.50 mm	22 mm	6 mm	10
P023/00.55	€ 0,39	0.55 mm	24 mm	7 mm	10
P023/00.60	€ 0,39	0.60 mm	24 mm	7 mm	10
P023/00.65	€ 0,39	0.65 mm	26 mm	8 mm	10
P023/00.70	€ 0,39	0.70 mm	28 mm	9 mm	10
P023/00.75	€ 0,39	0.75 mm	28 mm	9 mm	10
P023/00.80	€ 0,39	0.80 mm	30 mm	10 mm	10
P023/00.85	€ 0,39	0.85 mm	30 mm	10 mm	10
P023/00.90	€ 0,39	0.90 mm	32 mm	11 mm	10
P023/00.95	€ 0,39	0.95 mm	32 mm	11 mm	10
P023/01.00	€ 0,89	1,00 mm	34 mm	12 mm	10
P023/01.10	€ 0,47	1.10 mm	36 mm	14 mm	10
P023/01.20	€ 0,47	1.20 mm	38 mm	16 mm	10
P023/01.25	€ 0,89	1.25 mm	38 mm	16 mm	10
P023/01.30	€ 0,47	1.30 mm	38 mm	16 mm	10
P023/01.40	€ 0,47	1.40 mm	40 mm	18 mm	10
P023/01.50	€ 0,81	1,50 mm	40 mm	18 mm	10
P023/01.60	€ 0,52	1.60 mm	43 mm	20 mm	10
P023/01.70	€ 0,52	1.70 mm	43 mm	20 mm	10
P023/01.75	€ 0,71	1.75 mm	46 mm	22 mm	10
P023/01.80	€ 0,52	1.80 mm	46 mm	22 mm	10
P023/01.90	€ 0,52	1.90 mm	46 mm	22 mm	10
P023/02.00	€ 0,71	2,00 mm	49 mm	24 mm	10
P023/02.10	€ 0,57	2.10 mm	49 mm	24 mm	10
P023/02.20	€ 0,57	2.20 mm	53 mm	27 mm	10
P023/02.25	€ 0,81	2.25 mm	53 mm	27 mm	10
P023/02.30	€ 0,57	2.30 mm	53 mm	27 mm	10
P023/02.40	€ 0,57	2.40 mm	57 mm	30 mm	10
P023/02.50	€ 0,71	2,50 mm	57 mm	30 mm	10
P023/02.60	€ 0,68	2.60 mm	57 mm	30 mm	10
P023/02.70	€ 0,68	2.70 mm	61 mm	33 mm	10
P023/02.75	€ 0,89	2.75 mm	61 mm	33 mm	10
P023/02.80	€ 0,68	2.80 mm	61 mm	33 mm	10
P023/02.90	€ 0,68	2.90 mm	61 mm	33 mm	10
P023/03.00	€ 0,81	3,00 mm	61 mm	33 mm	10
P023/03.10	€ 0,81	3.10 mm	65 mm	36 mm	10
P023/03.20	€ 0,81	3.20 mm	65 mm	36 mm	10
P023/03.25	€ 0,99	3.25 mm	65 mm	36 mm	10
P023/03.30	€ 0,89	3.30 mm	65 mm	36 mm	10
P023/03.40	€ 0,89	3.40 mm	70 mm	39 mm	10
P023/03.50	€ 0,89	3,50 mm	70 mm	39 mm	10
P023/03.60	€ 0,85	3.60 mm	70 mm	39 mm	10
P023/03.70	€ 0,85	3.70 mm	70 mm	39 mm	10
P023/03.75	€ 1,07	3.75 mm	70 mm	39 mm	10
P023/03.80	€ 0,85	3.80 mm	75 mm	43 mm	10
P023/03.90	€ 0,85	3.90 mm	75 mm	43 mm	10
P023/04.00	€ 0,99	4,00 mm	75 mm	43 mm	10
P023/04.10	€ 0,93	4.10 mm	75 mm	43 mm	10
P023/04.20	€ 0,93	4.20 mm	75 mm	43 mm	10
P023/04.25	€ 1,35	4.25 mm	75 mm	43 mm	10
P023/04.30	€ 0,99	4.30 mm	80 mm	47 mm	10
P023/04.40	€ 0,99	4.40 mm	80 mm	47 mm	10
P023/04.50	€ 1,17	4,50 mm	80 mm	47 mm	10
P023/04.60	€ 1,16	4.60 mm	80 mm	47 mm	10
P023/04.70	€ 1,16	4.70 mm	80 mm	47 mm	10
P023/04.75	€ 1,35	4.75 mm	80 mm	47 mm	10
P023/04.80	€ 1,16	4.80 mm	86 mm	52 mm	10
P023/04.90	€ 1,16	4.90 mm	86 mm	52 mm	10
P023/05.00	€ 1,25	5,00 mm	86 mm	52 mm	10
P023/05.10	€ 1,44	5.10 mm	86 mm	52 mm	10
P023/05.20	€ 1,44	5.20 mm	86 mm	52 mm	10
P023/05.25	€ 1,70	5.25 mm	86 mm	52 mm	10
P023/05.30	€ 1,44	5.30 mm	86 mm	52 mm	10
P023/05.40	€ 1,44	5.40 mm	93 mm	57 mm	10
P023/05.50	€ 1,60	5,50 mm	93 mm	57 mm	10
P023/05.60	€ 1,51	5.60 mm	93 mm	57 mm	10
P023/05.70	€ 1,51	5.70 mm	93 mm	57 mm	10
P023/05.75	€ 1,88	5.75 mm	93 mm	57 mm	10
P023/05.80	€ 1,51	5.80 mm	93 mm	57 mm	10
P023/05.90	€ 1,51	5.90 mm	93 mm	57 mm	10
P023/06.00	€ 1,70	6,00 mm	93 mm	57 mm	10
P023/06.10	€ 1,56	6.10 mm	101 mm	63 mm	10
P023/06.20	€ 1,56	6.20 mm	101 mm	63 mm	10
P023/06.25	€ 2,41	6.25 mm	101 mm	63 mm	10
P023/06.30	€ 1,56	6.30 mm	101 mm	63 mm	10
P023/06.40	€ 1,56	6.40 mm	101 mm	63 mm	10
P023/06.50	€ 2,14	6,50 mm	101 mm	63 mm	10
P023/06.60	€ 1,89	6.60 mm	101 mm	63 mm	10
P023/06.70	€ 1,89	6.70 mm	101 mm	63 mm	10
P023/06.75	€ 2,77	6.75 mm	109 mm	69 mm	10
P023/06.80	€ 1,89	6.80 mm	109 mm	69 mm	10
P023/06.90	€ 1,89	6.90 mm	109 mm	69 mm	10
P023/07.00	€ 2,59	7,00 mm	109 mm	69 mm	10
P023/07.10	€ 2,16	7.10 mm	109 mm	69 mm	10
P023/07.20	€ 2,16	7.20 mm	109 mm	69 mm	10
P023/07.25	€ 3,03	7.25 mm	109 mm	69 mm	10
P023/07.30	€ 2,16	7.30 mm	109 mm	69 mm	10
P023/07.40	€ 2,16	7.40 mm	109 mm	69 mm	10
P023/07.50	€ 2,67	7,50 mm	109 mm	69 mm	10
P023/07.60	€ 2,42	7.60 mm	117 mm	75 mm	10
P023/07.70	€ 2,42	7.70 mm	117 mm	75 mm	10
P023/07.75	€ 3,38	7.75 mm	117 mm	75 mm	10
P023/07.80	€ 2,42	7.80 mm	117 mm	75 mm	10
P023/07.90	€ 2,42	7.90 mm	117 mm	75 mm	10
P023/08.00	€ 3,20	8,00 mm	117 mm	75 mm	5
P023/08.10	€ 2,75	8.10 mm	117 mm	75 mm	5
P023/08.20	€ 2,75	8.20 mm	117 mm	75 mm	5
P023/08.25	€ 4,09	8.25 mm	117 mm	75 mm	5
P023/08.30	€ 2,75	8.30 mm	117 mm	75 mm	5
P023/08.40	€ 2,75	8.40 mm	117 mm	75 mm	5
P023/08.50	€ 4,02	8,50 mm	117 mm	75 mm	5
P023/08.60	€ 3,19	8.60 mm	125 mm	81 mm	5
P023/08.70	€ 3,19	8.70 mm	125 mm	81 mm	5
P023/08.75	€ 4,37	8.75 mm	125 mm	81 mm	5
P023/08.80	€ 3,19	8.80 mm	125 mm	81 mm	5
P023/08.90	€ 3,19	8.90 mm	125 mm	81 mm	5
P023/09.00	€ 4,19	9,00 mm	125 mm	81 mm	5
P023/09.10	€ 3,53	9.10 mm	125 mm	81 mm	5
P023/09.20	€ 3,53	9.20 mm	125 mm	81 mm	5
P023/09.25	€ 4,91	9.25 mm	125 mm	81 mm	5
P023/09.30	€ 3,53	9.30 mm	125 mm	81 mm	5
P023/09.40	€ 3,53	9.40 mm	125 mm	81 mm	5
P023/09.50	€ 4,45	9,50 mm	125 mm	81 mm	5
P023/09.60	€ 3,95	9.60 mm	133 mm	87 mm	5
P023/09.70	€ 3,95	9.70 mm	133 mm	87 mm	5
P023/09.75	€ 5,30	9.75 mm	133 mm	87 mm	5
P023/09.80	€ 3,95	9.80 mm	133 mm	87 mm	5
P023/09.90	€ 3,95	9.90 mm	133 mm	87 mm	5
P023/10.00	€ 4,81	10,00 mm	133 mm	87 mm	5
P023/10.25	€ 6,70	10.25 mm	133 mm	87 mm	5
P023/10.30	€ 4,94	10.30 mm	133 mm	87 mm	5
P023/10.40	€ 4,94	10.40 mm	133 mm	87 mm	5
P023/10.50	€ 5,90	10,50 mm	133 mm	87 mm	5
P023/10.75	€ 8,10	10.75 mm	142 mm	94 mm	5
P023/11.00	€ 7,00	11,00 mm	142 mm	94 mm	5
P023/11.25	€ 8,50	11.25 mm	142 mm	94 mm	5
P023/11.40	€ 6,20	11.40 mm	142 mm	94 mm	5
P023/11.50	€ 7,40	11,50 mm	142 mm	94 mm	5
P023/11.75	€ 9,30	11.75 mm	142 mm	94 mm	5
P023/12.00	€ 8,10	12,00 mm	151 mm	101 mm	5
P023/12.25	€ 10,10	12.25 mm	151 mm	101 mm	5
P023/12.30	€ 7,60	12.30 mm	151 mm	101 mm	5
P023/12.40	€ 7,60	12.40 mm	151 mm	101 mm	5
P023/12.50	€ 8,80	12,50 mm	151 mm	101 mm	5
P023/12.75	€ 11,40	12.75 mm	151 mm	101 mm	5
P023/13.00	€ 9,50	13,00 mm	151 mm	101 mm	5
P023/14.30	€ 15,30	14.30 mm	165 mm	115 mm	5
P023/14.40	€ 15,30	14.40 mm	165 mm	115 mm	5
P023/16.40	€ 19,80	16.40 mm	170 mm	115 mm	5

P023/19 € 36,20

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, Right hand, rectified



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P023/25 € 73,40

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, Right hand, rectified



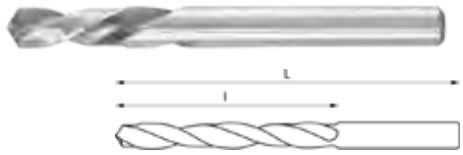
25 Pcs

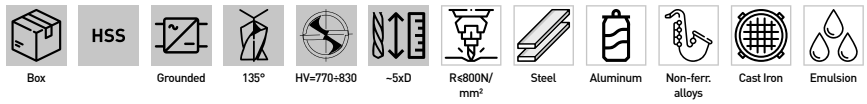
Size (step 0,5 mm)	1 ÷ 13 mm

P023-XC

DRILL BIT CYLINDRICAL SHORT SERIES

DIN 1897/N, Right hand, rectified





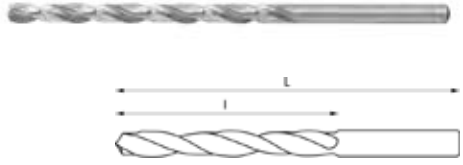
Art.	€	ø	L	l	Pack
P023/03.00C	€ 0,89	3,00 mm	46 mm	16 mm	10
P023/03.25C	€ 0,99	3,25 mm	49 mm	18 mm	10
P023/03.50C	€ 0,99	3,50 mm	52 mm	20 mm	10
P023/03.75C	€ 1,07	3,75 mm	52 mm	20 mm	10
P023/04.00C	€ 1,07	4,00 mm	55 mm	22 mm	10

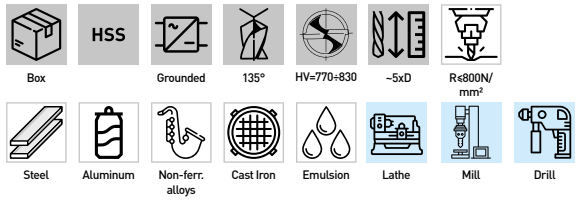
Art.	€	ø	L	l	Pack
P023/04.25C	€ 1,42	4,25 mm	55 mm	22 mm	10
P023/04.50C	€ 1,25	4,50 mm	58 mm	24 mm	10
P023/05.00C	€ 1,35	5,00 mm	62 mm	26 mm	10
P023/05.50C	€ 1,78	5,50 mm	66 mm	28 mm	10
P023/06.00C	€ 1,88	6,00 mm	66 mm	28 mm	10

P023-XL

LONG TYPE STRAIGHT SHANK TWIST DRILL

DIN 340, Right hand, rectified





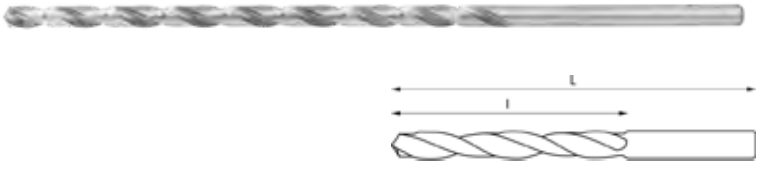
Art.	€	ø	L	l	Pack
P023/01.00L	€ 0,99	1,00 mm	56 mm	33 mm	10
P023/01.25L	€ 0,99	1,25 mm	65 mm	40 mm	10
P023/01.50L	€ 0,99	1,50 mm	70 mm	45 mm	10
P023/01.75L	€ 0,99	1,75 mm	80 mm	53 mm	10
P023/02.00L	€ 0,89	2,00 mm	85 mm	56 mm	10
P023/02.25L	€ 0,99	2,25 mm	90 mm	59 mm	10
P023/02.50L	€ 0,89	2,50 mm	95 mm	62 mm	10
P023/02.75L	€ 1,07	2,75 mm	100 mm	66 mm	10
P023/03.00L	€ 0,99	3,00 mm	100 mm	66 mm	10
P023/03.25L	€ 1,07	3,25 mm	106 mm	69 mm	10
P023/03.50L	€ 1,07	3,50 mm	112 mm	73 mm	10
P023/03.75L	€ 1,25	3,75 mm	112 mm	73 mm	10
P023/04.00L	€ 1,17	4,00 mm	119 mm	78 mm	10
P023/04.25L	€ 1,35	4,25 mm	119 mm	78 mm	10
P023/04.50L	€ 1,35	4,50 mm	126 mm	82 mm	10
P023/04.75L	€ 1,60	4,75 mm	126 mm	82 mm	10
P023/05.00L	€ 1,60	5,00 mm	132 mm	87 mm	10
P023/05.25L	€ 1,96	5,25 mm	132 mm	87 mm	10
P023/05.50L	€ 1,96	5,50 mm	139 mm	91 mm	10
P023/05.75L	€ 2,14	5,75 mm	139 mm	91 mm	10
P023/06.00L	€ 2,14	6,00 mm	139 mm	91 mm	10
P023/06.25L	€ 2,67	6,25 mm	148 mm	97 mm	10

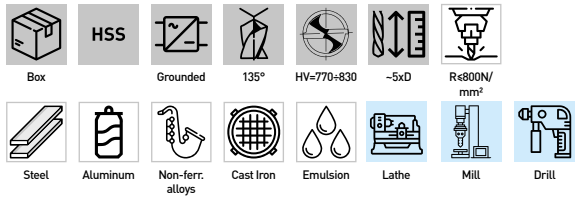
Art.	€	ø	L	l	Pack
P023/06.50L	€ 2,67	6,50 mm	148 mm	97 mm	10
P023/06.75L	€ 2,77	6,75 mm	148 mm	97 mm	10
P023/07.00L	€ 2,77	7,00 mm	156 mm	102 mm	10
P023/07.25L	€ 3,20	102 mm	156 mm	7,50 mm	10
P023/07.50L	€ 3,20	7,25 mm	156 mm	102 mm	10
P023/07.75L	€ 3,84	7,75 mm	165 mm	109 mm	10
P023/08.00L	€ 3,66	8,00 mm	165 mm	109 mm	5
P023/08.25L	€ 5,20	8,25 mm	165 mm	109 mm	5
P023/08.50L	€ 5,20	8,50 mm	165 mm	109 mm	5
P023/08.75L	€ 5,30	8,75 mm	175 mm	115 mm	5
P023/09.00L	€ 5,30	9,00 mm	175 mm	115 mm	5
P023/09.25L	€ 6,10	9,25 mm	175 mm	115 mm	5
P023/09.50L	€ 6,10	9,50 mm	175 mm	115 mm	5
P023/09.75L	€ 6,10	9,75 mm	184 mm	121 mm	5
P023/10.00L	€ 6,10	10,00 mm	184 mm	121 mm	5
P023/10.25L	€ 8,40	10,25 mm	184 mm	121 mm	5
P023/10.50L	€ 8,40	10,50 mm	184 mm	121 mm	5
P023/11.00L	€ 9,90	11,00 mm	195 mm	128 mm	5
P023/11.50L	€ 10,70	11,50 mm	195 mm	128 mm	5
P023/12.00L	€ 12,50	12,00 mm	205 mm	134 mm	5
P023/12.50L	€ 13,80	12,50 mm	205 mm	134 mm	5
P023/13.00L	€ 14,50	13,00 mm	205 mm	134 mm	5

P023-XL1

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-1 Right hand, rectified





Art.	€	ø	L	l
P023/02.00L1	€ 1,60	02,00 mm	125 mm	85 mm
P023/02.50L1	€ 1,78	02,50 mm	140 mm	95 mm
P023/03.00L1	€ 2,24	03,00 mm	150 mm	100 mm
P023/03.50L1	€ 2,67	03,50 mm	165 mm	115 mm
P023/04.00L1	€ 3,56	04,00 mm	175 mm	120 mm
P023/04.50L1	€ 4,45	04,50 mm	185 mm	125 mm
P023/05.00L1	€ 5,30	05,00 mm	195 mm	135 mm
P023/05.50L1	€ 6,30	05,50 mm	205 mm	140 mm
P023/06.00L1	€ 8,10	06,00 mm	205 mm	140 mm
P023/06.50L1	€ 8,90	06,50 mm	215 mm	150 mm
P023/07.00L1	€ 10,70	07,00 mm	225 mm	155 mm
P023/07.50L1	€ 11,60	07,50 mm	225 mm	155 mm

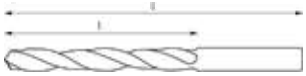
Art.	€	ø	L	l
P023/08.00L1	€ 14,30	08,00 mm	240 mm	165 mm
P023/08.50L1	€ 16,00	08,50 mm	240 mm	165 mm
P023/09.00L1	€ 17,80	09,00 mm	250 mm	175 mm
P023/09.50L1	€ 19,60	09,50 mm	250 mm	175 mm
P023/10.00L1	€ 22,30	10,00 mm	265 mm	185 mm
P023/10.50L1	€ 24,10	10,50 mm	265 mm	185 mm
P023/11.00L1	€ 26,70	11,00 mm	280 mm	195 mm
P023/11.50L1	€ 29,50	11,50 mm	280 mm	195 mm
P023/12.00L1	€ 31,20	12,00 mm	295 mm	205 mm
P023/12.50L1	€ 33,00	12,50 mm	295 mm	205 mm
P023/13.00L1	€ 34,80	13,00 mm	295 mm	205 mm

P023-XL2

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-2 Right hand, rectified







Box | Grounded | 135° | HV=770÷830 | ~20xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

Art.	€	ø	L	l
P023/02.00L2	€ 2,24	02,00 mm	160 mm	110 mm
P023/02.50L2	€ 2,67	02,50 mm	180 mm	120 mm
P023/03.00L2	€ 3,20	03,00 mm	190 mm	130 mm
P023/03.50L2	€ 3,56	03,50 mm	210 mm	145 mm
P023/04.00L2	€ 5,30	04,00 mm	220 mm	150 mm
P023/04.50L2	€ 6,30	04,50 mm	235 mm	160 mm
P023/05.00L2	€ 8,10	05,00 mm	245 mm	170 mm
P023/05.50L2	€ 8,90	05,50 mm	260 mm	180 mm
P023/06.00L2	€ 10,70	06,00 mm	260 mm	180 mm
P023/06.50L2	€ 12,50	06,50 mm	275 mm	190 mm
P023/07.00L2	€ 15,20	07,00 mm	290 mm	200 mm
P023/07.50L2	€ 16,00	07,50 mm	290 mm	200 mm
P023/08.00L2	€ 19,60	08,00 mm	305 mm	210 mm
P023/08.50L2	€ 21,40	08,50 mm	305 mm	210 mm
P023/09.00L2	€ 24,10	09,00 mm	320 mm	220 mm
P023/09.50L2	€ 24,90	09,50 mm	320 mm	220 mm
P023/10.00L2	€ 30,30	10,00 mm	340 mm	235 mm
P023/10.50L2	€ 32,10	10,50 mm	340 mm	235 mm
P023/11.00L2	€ 37,40	11,00 mm	365 mm	250 mm
P023/11.50L2	€ 40,10	11,50 mm	365 mm	250 mm
P023/12.00L2	€ 41,90	12,00 mm	375 mm	260 mm
P023/12.50L2	€ 44,50	12,50 mm	375 mm	260 mm
P023/13.00L2	€ 49,00	13,00 mm	375 mm	260 mm

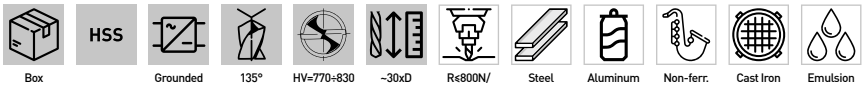
P023-XL3

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

DIN 1869-3 right hand, rectified







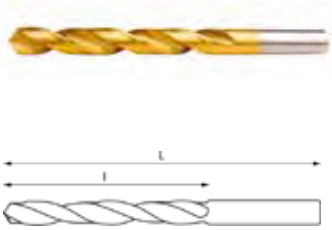
Box | Grounded | 135° | HV=770÷830 | ~30xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

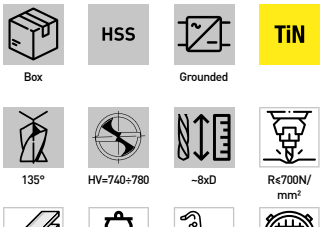
Art.	€	ø	L	l
P023/02.00L3	€ 2,67	02,00 mm	200 mm	135 mm
P023/02.50L3	€ 3,13	02,50 mm	225 mm	150 mm
P023/03.00L3	€ 3,56	03,00 mm	240 mm	160 mm
P023/03.50L3	€ 5,30	03,50 mm	265 mm	180 mm
P023/04.00L3	€ 6,30	04,00 mm	280 mm	190 mm
P023/04.50L3	€ 8,10	04,50 mm	295 mm	200 mm
P023/05.00L3	€ 9,90	05,00 mm	315 mm	210 mm
P023/05.50L3	€ 11,60	05,50 mm	330 mm	225 mm
P023/06.00L3	€ 13,40	06,00 mm	330 mm	225 mm
P023/06.50L3	€ 16,00	06,50 mm	350 mm	235 mm
P023/07.00L3	€ 19,60	07,00 mm	370 mm	250 mm
P023/07.50L3	€ 21,40	07,50 mm	370 mm	250 mm
P023/08.00L3	€ 24,90	08,00 mm	390 mm	265 mm
P023/08.50L3	€ 27,70	08,50 mm	390 mm	265 mm
P023/09.00L3	€ 32,10	09,00 mm	410 mm	280 mm
P023/09.50L3	€ 33,00	09,50 mm	410 mm	280 mm
P023/10.00L3	€ 38,40	10,00 mm	430 mm	295 mm
P023/10.50L3	€ 41,00	10,50 mm	430 mm	295 mm
P023/11.00L3	€ 44,50	11,00 mm	455 mm	310 mm
P023/11.50L3	€ 47,30	11,50 mm	455 mm	310 mm
P023/12.00L3	€ 53,40	12,00 mm	480 mm	330 mm
P023/12.50L3	€ 57,90	12,50 mm	480 mm	330 mm
P023/13.00L3	€ 61,50	13,00 mm	480 mm	330 mm

P058-

STRAIGHT SHANK TWIST DRILL

DIN 338/N, Right hand, Long durability thanks to the titanium coating





Art.	€	ø	L	l	Pack
P058/01.00	€ 0,72	1 mm	34 mm	12 mm	10
P058/01.25	€ 0,72	1,25 mm	38 mm	16 mm	10
P058/01.50	€ 0,72	1,50 mm	40 mm	18 mm	10
P058/01.75	€ 0,72	1,75 mm	46 mm	22 mm	10
P058/02.00	€ 0,82	2 mm	49 mm	24 mm	10
P058/02.25	€ 0,90	2,25 mm	53 mm	27 mm	10
P058/02.50	€ 0,90	2,50 mm	57 mm	30 mm	10
P058/02.75	€ 0,90	2,75 mm	61 mm	33 mm	10
P058/03.00	€ 0,90	3 mm	61 mm	33 mm	10
P058/03.25	€ 1,09	3,25 mm	65 mm	36 mm	10
P058/03.50	€ 1,09	3,50 mm	70 mm	39 mm	10
P058/03.75	€ 1,09	3,75 mm	70 mm	39 mm	10
P058/04.00	€ 1,09	4 mm	75 mm	43 mm	10
P058/04.25	€ 1,46	4,25 mm	75 mm	43 mm	10
P058/04.50	€ 1,46	4,50 mm	80 mm	47 mm	10
P058/04.75	€ 1,46	4,75 mm	80 mm	47 mm	10
P058/05.00	€ 1,46	5 mm	86 mm	52 mm	10
P058/05.25	€ 1,80	5,25 mm	86 mm	52 mm	10
P058/05.50	€ 1,80	5,50 mm	93 mm	57 mm	10
P058/05.75	€ 1,80	5,75 mm	93 mm	57 mm	10
P058/06.00	€ 1,80	6 mm	93 mm	57 mm	10
P058/06.25	€ 1,99	6,25 mm	101 mm	63 mm	10
P058/06.50	€ 1,99	6,50 mm	101 mm	63 mm	10
P058/06.75	€ 1,99	6,75 mm	109 mm	69 mm	10
P058/07.00	€ 1,99	7 mm	109 mm	69 mm	10
P058/07.25	€ 3,07	7,25 mm	109 mm	69 mm	10
P058/07.50	€ 3,07	7,50 mm	109 mm	69 mm	10
P058/07.75	€ 3,07	7,75 mm	117 mm	75 mm	10
P058/08.00	€ 3,07	8 mm	117 mm	75 mm	10
P058/08.25	€ 4,19	8,25 mm	117 mm	75 mm	5
P058/08.50	€ 4,19	8,50 mm	117 mm	75 mm	5
P058/08.75	€ 4,19	8,75 mm	125 mm	81 mm	5
P058/09.00	€ 4,19	9 mm	125 mm	81 mm	5
P058/09.25	€ 4,83	9,25 mm	125 mm	81 mm	5
P058/09.50	€ 4,83	9,50 mm	125 mm	81 mm	5
P058/09.75	€ 4,83	9,75 mm	133 mm	87 mm	5
P058/10.00	€ 4,83	10 mm	133 mm	87 mm	5
P058/10.25	€ 5,50	10,25 mm	133 mm	87 mm	5
P058/10.50	€ 5,50	10,50 mm	133 mm	87 mm	5
P058/10.75	€ 5,50	10,75 mm	142 mm	94 mm	5
P058/11.00	€ 5,50	11 mm	142 mm	94 mm	5
P058/11.25	€ 6,40	11,25 mm	142 mm	94 mm	5
P058/11.50	€ 6,40	11,50 mm	142 mm	94 mm	5
P058/11.75	€ 6,40	11,75 mm	142 mm	94 mm	5
P058/12.00	€ 6,40	12 mm	151 mm	101 mm	5
P058/12.25	€ 8,00	12,25 mm	151 mm	101 mm	5
P058/12.50	€ 8,00	12,50 mm	151 mm	101 mm	5
P058/12.75	€ 8,00	12,75 mm	151 mm	101 mm	5
P058/13.00	€ 8,00	13 mm	151 mm	101 mm	5

P058/170 € 177,00

TWIST DRILL SET

DIN 338/N, right hand, long durability thanks to the titanium coating.



170 Pcs

150 (10x) Pcs (step 0,5 mm)	Ø 1 ÷ 8 mm
20 (5x) Pcs (step 0,5 mm)	Ø 8,5 ÷ 10 mm

P010/51 € 61,00

SERIES OF CYLINDRICAL TIPS TO THE TENTH

DIN 338/N, right hand, long durability thanks to the titanium coating.



51 Pcs

Size (step 0,1 mm)	1 ÷ 6 mm

P010/41 € 142,00

SERIES OF CYLINDRICAL TIPS TO THE TENTH

DIN 338/N, right hand, long durability thanks to the titanium coating.



41 Pcs

Size (step 0,1 mm)	6 ÷ 10 mm

P062 € 67,20

TWIST DRILL SET

DIN 338/N, Right hand, Long durability thanks to the titanium coating



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P061 € 37,60

STRAIGHT SHANK TWIST DRILL SET

DIN 338/N, right hand, long durability thanks to the titanium coating.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P068 € 7,50

TWIST DRILL SET

DIN 338/N, Right hand, Long durability thanks to the titanium coating



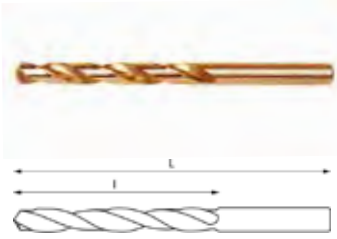
20 Pcs

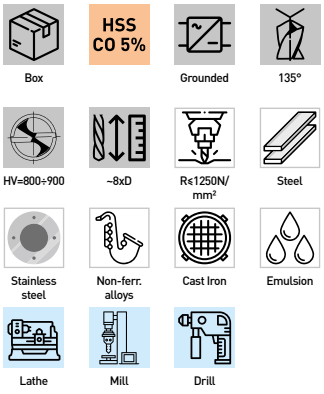
Sizes x 1 Pc	0.25 - 0.30 - 0.35 - 0.40 - 0.45 - 0.55 - 0.65 - 0.70 - 0.75 - 0.85 - 0.90 - 0.95 mm
Sizes x Pcs	0.50 - 0.60 - 0.80 - 1.00 mm

P065-

COBALT CYLINDRICAL TWIST DRILL

DIN 338/N, self-centering, right, with great thermal resistance





Art.	€	ø	Total length	Flute length	Pack
P065/01.00	€ 1,02	1 mm	34 mm	12 mm	10
P065/01.25	€ 1,23	1,25 mm	38 mm	16 mm	10
P065/01.50	€ 1,23	1,50 mm	40 mm	18 mm	10
P065/01.75	€ 1,23	1,75 mm	46 mm	22 mm	10
P065/02.00	€ 1,23	2 mm	49 mm	24 mm	10
P065/02.25	€ 1,42	2,25 mm	53 mm	27 mm	10
P065/02.50	€ 1,42	2,50 mm	57 mm	30 mm	10
P065/02.75	€ 1,42	2.75 mm	61 mm	33 mm	10
P065/03.00	€ 1,42	3 mm	61 mm	33 mm	10
P065/03.25	€ 1,95	3,25 mm	69 mm	39 mm	10
P065/03.50	€ 1,95	3,50 mm	70 mm	39 mm	10
P065/03.75	€ 1,95	3,75 mm	70 mm	39 mm	10
P065/04.00	€ 1,95	4 mm	75 mm	43 mm	10
P065/04.25	€ 2,75	4,25 mm	75 mm	43 mm	10
P065/04.50	€ 2,75	4,50 mm	80 mm	47 mm	10
P065/04.75	€ 2,75	4,75 mm	80 mm	47 mm	10
P065/05.00	€ 2,75	5 mm	86 mm	52 mm	10
P065/05.25	€ 3,46	5,25 mm	86 mm	52 mm	10
P065/05.50	€ 3,46	5,50 mm	93 mm	57 mm	10
P065/05.75	€ 3,46	5,75 mm	93 mm	57 mm	10
P065/06.00	€ 3,46	6 mm	93 mm	57 mm	10
P065/06.25	€ 4,27	6,25 mm	101 mm	63 mm	10
P065/06.50	€ 4,27	6,50 mm	101 mm	63 mm	10
P065/06.75	€ 4,27	6,75 mm	109 mm	69 mm	10
P065/07.00	€ 4,27	7 mm	109 mm	69 mm	10
P065/07.25	€ 7,40	7,25 mm	109 mm	69 mm	10
P065/07.50	€ 7,40	7,50 mm	109 mm	69 mm	10
P065/07.75	€ 7,40	7,75 mm	117 mm	75 mm	10
P065/08.00	€ 7,40	8 mm	117 mm	75 mm	5
P065/08.25	€ 9,10	8,25 mm	117 mm	75 mm	5
P065/08.50	€ 9,10	8,50 mm	117 mm	75 mm	5
P065/08.75	€ 9,10	8,75 mm	125 mm	81 mm	5
P065/09.00	€ 9,10	9 mm	125 mm	81 mm	5
P065/09.25	€ 11,50	9,25 mm	125 mm	81 mm	5
P065/09.50	€ 11,50	9,50 mm	125 mm	81 mm	5
P065/09.75	€ 11,50	9,75 mm	133 mm	87 mm	5
P065/10.00	€ 11,50	10 mm	133 mm	87 mm	5
P065/10.25	€ 13,80	10,25 mm	133 mm	87 mm	5
P065/10.50	€ 13,80	10,50 mm	133 mm	87 mm	5
P065/10.75	€ 13,80	10,75 mm	142 mm	94 mm	5
P065/11.00	€ 13,80	11 mm	142 mm	94 mm	5
P065/11.25	€ 16,50	11,25 mm	142 mm	94 mm	5
P065/11.50	€ 16,50	11.50 mm	142 mm	94 mm	5
P065/11.75	€ 16,50	11.75 mm	142 mm	94 mm	5
P065/12.00	€ 16,50	12 mm	151 mm	101 mm	5
P065/12.25	€ 20,00	12,25 mm	151 mm	101 mm	5
P065/12.50	€ 20,00	12,50 mm	151 mm	101 mm	5
P065/12.75	€ 20,00	12,75 mm	151 mm	101 mm	5
P065/13.00	€ 20,00	13 mm	151 mm	101 mm	5

P067 € 67,20

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P069 € 132,00

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

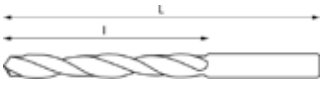


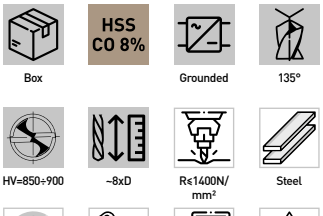
P064-

FULLY GROUND FROM THE SOLID TWIST DRILL

DIN 338/N, self-centering, right, with great thermal resistance







Art.	€	ø	L	l	Pack
P064/01.00	€ 1,42	01.00 mm	34 mm	12 mm	10
P064/01.25	€ 1,42	01.25 mm	38 mm	16 mm	10
P064/01.50	€ 1,42	01.50 mm	40 mm	18 mm	10
P064/01.75	€ 1,42	01.75 mm	46 mm	22 mm	10
P064/02.00	€ 1,42	02.00 mm	49 mm	24 mm	10
P064/02.25	€ 1,65	02.25 mm	53 mm	27 mm	10
P064/02.50	€ 1,65	02.50 mm	57 mm	30 mm	10
P064/02.75	€ 1,65	02.75 mm	61 mm	33 mm	10
P064/03.00	€ 1,65	03.00 mm	61 mm	33 mm	10
P064/03.25	€ 2,26	03.25 mm	69 mm	39 mm	10
P064/03.50	€ 2,26	03.50 mm	70 mm	39 mm	10
P064/03.75	€ 2,26	03.75 mm	70 mm	39 mm	10
P064/04.00	€ 2,26	04.00 mm	75 mm	43 mm	10
P064/04.25	€ 3,18	04.25 mm	75 mm	43 mm	10
P064/04.50	€ 3,18	04.50 mm	80 mm	47 mm	10
P064/04.75	€ 3,18	04.75 mm	80 mm	47 mm	10
P064/05.00	€ 3,18	05.00 mm	86 mm	52 mm	10
P064/05.25	€ 4,02	05.25 mm	86 mm	52 mm	10
P064/05.50	€ 4,02	05.50 mm	93 mm	57 mm	10
P064/05.75	€ 4,02	05.75 mm	93 mm	57 mm	10
P064/06.00	€ 4,02	06.00 mm	93 mm	57 mm	10
P064/06.25	€ 4,89	06.25 mm	101 mm	63 mm	10
P064/06.50	€ 4,89	06.50 mm	101 mm	63 mm	10
P064/06.75	€ 4,89	06.75 mm	109 mm	69 mm	10
P064/07.00	€ 4,89	07.00 mm	109 mm	69 mm	10
P064/07.25	€ 8,50	07.25 mm	109 mm	69 mm	10
P064/07.50	€ 8,50	07.50 mm	109 mm	69 mm	10
P064/07.75	€ 8,50	07.75 mm	117 mm	75 mm	10
P064/08.00	€ 8,50	08.00 mm	117 mm	75 mm	5
P064/08.25	€ 10,60	08.25 mm	117 mm	75 mm	5
P064/08.50	€ 10,60	08.50 mm	117 mm	75 mm	5
P064/08.75	€ 10,60	08.75 mm	125 mm	81 mm	5
P064/09.00	€ 10,60	09.00 mm	125 mm	81 mm	5
P064/09.25	€ 13,30	09.25 mm	125 mm	81 mm	5
P064/09.50	€ 13,30	09.50 mm	125 mm	81 mm	5
P064/09.75	€ 13,30	09.75 mm	133 mm	87 mm	5
P064/10.00	€ 13,30	10.00 mm	133 mm	87 mm	5
P064/10.25	€ 16,00	10.25 mm	133 mm	87 mm	5
P064/10.50	€ 16,00	10.50 mm	133 mm	87 mm	5
P064/10.75	€ 16,00	10.75 mm	142 mm	94 mm	5
P064/11.00	€ 16,00	11.00 mm	142 mm	94 mm	5
P064/11.25	€ 19,10	11.25 mm	142 mm	94 mm	5
P064/11.50	€ 19,10	11.50 mm	142 mm	94 mm	5
P064/11.75	€ 19,10	11.75 mm	142 mm	94 mm	5
P064/12.00	€ 19,10	12.00 mm	151 mm	101 mm	5
P064/12.25	€ 23,20	12.25 mm	151 mm	101 mm	5
P064/12.50	€ 23,20	12.50 mm	151 mm	101 mm	5
P064/12.75	€ 23,20	12.75 mm	151 mm	101 mm	5
P064/13.00	€ 23,20	13.00 mm	151 mm	101 mm	5

P064/19A € 81,30

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P064/25A € 173,00

COBALT TWIST DRILL SET

DIN 338/N, self-centering, right, with great thermal resistance



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

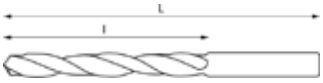


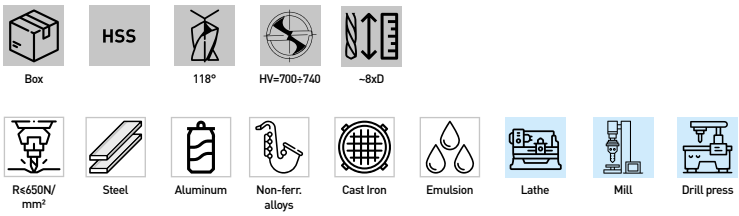
ST2AX

TWIST DRILL WITH CONICAL SHANK

DIN 345/N, right hand







Art.	€	ø	MT	L	l
ST2A05.75	€ 8,40	5,75 mm	1	138 mm	57 mm
ST2A06	€ 8,40	6,00 mm	1	138 mm	57 mm
ST2A06.25	€ 8,40	6,25 mm	1	144 mm	63 mm
ST2A06.50	€ 8,40	6,50 mm	1	144 mm	63 mm
ST2A06.75	€ 8,40	6,75 mm	1	150 mm	69 mm
ST2A07	€ 8,40	7,00 mm	1	150 mm	69 mm
ST2A07.25	€ 8,40	7,25 mm	1	150 mm	69 mm
ST2A07.50	€ 8,40	7,50 mm	1	150 mm	69 mm
ST2A07.75	€ 8,40	7,75 mm	1	156 mm	75 mm
ST2A08	€ 8,40	8,00 mm	1	156 mm	75 mm
ST2A08.25	€ 8,40	8,25 mm	1	156 mm	75 mm
ST2A08.50	€ 8,40	8,50 mm	1	156 mm	75 mm
ST2A08.75	€ 8,40	8,75 mm	1	156 mm	75 mm
ST2A09	€ 8,40	9,00 mm	1	162 mm	81 mm
ST2A09.25	€ 8,40	9,25 mm	1	162 mm	81 mm
ST2A09.50	€ 8,40	9,50 mm	1	162 mm	81 mm
ST2A09.75	€ 8,40	9,75 mm	1	162 mm	81 mm
ST2A10	€ 8,40	10,00 mm	1	168 mm	81 mm
ST2A10.25	€ 9,70	10,25 mm	1	168 mm	87 mm
ST2A10.50	€ 9,70	10,50 mm	1	168 mm	87 mm
ST2A10.75	€ 9,70	10,75 mm	1	175 mm	87 mm
ST2A11	€ 9,70	11,00 mm	1	175 mm	94 mm
ST2A11.25	€ 9,70	11,25 mm	1	175 mm	94 mm
ST2A11.50	€ 9,70	11,50 mm	1	175 mm	94 mm
ST2A11.75	€ 9,70	11,75 mm	1	175 mm	94 mm
ST2A12	€ 9,70	12,00 mm	1	182 mm	94 mm
ST2A12.25	€ 11,10	12,25 mm	1	182 mm	101 mm
ST2A12.50	€ 11,10	12,50 mm	1	182 mm	101 mm
ST2A12.75	€ 11,10	12,75 mm	1	182 mm	101 mm
ST2A13	€ 11,10	13,00 mm	1	182 mm	101 mm
ST2A13.25	€ 11,10	13,25 mm	1	182 mm	101 mm
ST2A13.50	€ 11,10	13,50 mm	1	189 mm	108 mm
ST2A13.75	€ 11,10	13,75 mm	1	189 mm	108 mm
ST2A14	€ 11,10	14,00 mm	1	189 mm	108 mm
ST2A14.25	€ 11,10	14,25 mm	2	212 mm	114 mm
ST2A14.50	€ 11,10	14,50 mm	2	212 mm	114 mm
ST2A14.75	€ 11,10	14,75 mm	2	212 mm	114 mm
ST2A15	€ 11,10	15,00 mm	2	212 mm	114 mm
ST2A15.25	€ 16,50	15,25 mm	2	218 mm	120 mm
ST2A15.50	€ 16,50	15,50 mm	2	218 mm	120 mm
ST2A15.75	€ 16,50	15,75 mm	2	218 mm	120 mm
ST2A16	€ 16,50	16,00 mm	2	218 mm	120 mm
ST2A16.25	€ 16,50	16,25 mm	2	223 mm	125 mm
ST2A16.50	€ 16,50	16,50 mm	2	223 mm	125 mm
ST2A16.75	€ 16,50	16,75 mm	2	223 mm	125 mm
ST2A17	€ 16,50	17,00 mm	2	223 mm	125 mm
ST2A17.25	€ 16,50	17,25 mm	2	228 mm	130 mm
ST2A17.50	€ 16,50	17,50 mm	2	228 mm	130 mm
ST2A17.75	€ 16,50	17,75 mm	2	228 mm	130 mm
ST2A18	€ 20,20	18,00 mm	2	228 mm	130 mm
ST2A18.25	€ 20,20	18,25 mm	2	233 mm	135 mm
ST2A18.50	€ 20,20	18,50 mm	2	233 mm	135 mm
ST2A18.75	€ 20,20	18,75 mm	2	233 mm	135 mm
ST2A19	€ 20,20	19,00 mm	2	233 mm	135 mm
ST2A19.25	€ 21,40	19,25 mm	2	238 mm	140 mm
ST2A19.50	€ 21,40	19,50 mm	2	238 mm	130 mm
ST2A19.75	€ 21,40	19,75 mm	2	238 mm	140 mm
ST2A20	€ 21,40	20,00 mm	2	238 mm	140 mm
ST2A20.25	€ 21,40	20,25 mm	2	243 mm	145 mm
ST2A20.50	€ 24,80	20,50 mm	2	243 mm	145 mm
ST2A20.75	€ 24,80	20,75 mm	2	243 mm	145 mm
ST2A21	€ 24,80	21,00 mm	2	243 mm	145 mm
ST2A21.25	€ 27,30	21,25 mm	2	248 mm	150 mm
ST2A21.50	€ 27,30	21,50 mm	2	248 mm	150 mm
ST2A21.75	€ 27,30	21,75 mm	2	248 mm	150 mm
ST2A22	€ 27,30	22,00 mm	2	248 mm	150 mm
ST2A22.25	€ 28,70	22,25 mm	2	248 mm	150 mm

Art.	€	ø	MT	L	l
ST2A22.50	€ 28,70	22,50 mm	2	253 mm	155 mm
ST2A22.75	€ 28,70	22,75 mm	2	253 mm	155 mm
ST2A23	€ 28,70	23,00 mm	2	253 mm	155 mm
ST2A23.25	€ 28,70	23,25 mm	3	276 mm	155 mm
ST2A23.50	€ 31,70	23,50 mm	3	276 mm	155 mm
ST2A23.75	€ 31,70	23,75 mm	3	281 mm	160 mm
ST2A24	€ 31,70	24,00 mm	3	281 mm	160 mm
ST2A24.25	€ 35,10	24,25 mm	3	281 mm	160 mm
ST2A24.50	€ 35,10	24,50 mm	3	281 mm	160 mm
ST2A24.75	€ 35,10	24,75 mm	3	281 mm	160 mm
ST2A25	€ 35,10	25,00 mm	3	281 mm	160 mm
ST2A25.25	€ 37,60	25,25 mm	3	281 mm	160 mm
ST2A25.50	€ 37,60	25,50 mm	3	281 mm	160 mm
ST2A25.75	€ 37,60	25,75 mm	3	281 mm	160 mm
ST2A26	€ 37,60	26,00 mm	3	286 mm	165 mm
ST2A26.25	€ 44,50	26,25 mm	3	286 mm	165 mm
ST2A26.50	€ 44,50	26,50 mm	3	286 mm	165 mm
ST2A26.75	€ 44,50	26,75 mm	3	291 mm	170 mm
ST2A27	€ 44,50	27,00 mm	3	291 mm	170 mm
ST2A27.25	€ 44,50	27,25 mm	3	291 mm	170 mm
ST2A27.50	€ 44,50	27,50 mm	3	291 mm	170 mm
ST2A27.75	€ 44,50	27,75 mm	3	291 mm	170 mm
ST2A28	€ 44,50	28,00 mm	3	291 mm	170 mm
ST2A28.25	€ 50,00	28,25 mm	3	296 mm	175 mm
ST2A28.50	€ 50,00	28,50 mm	3	296 mm	175 mm
ST2A28.75	€ 50,00	28,75 mm	3	296 mm	175 mm
ST2A29	€ 50,00	29,00 mm	3	296 mm	175 mm
ST2A29.25	€ 50,00	29,25 mm	3	296 mm	175 mm
ST2A29.50	€ 50,00	29,50 mm	3	296 mm	175 mm
ST2A29.75	€ 50,00	29,75 mm	3	296 mm	175 mm
ST2A30	€ 50,00	30,00 mm	3	296 mm	175 mm
ST2A30.25	€ 50,90	30,25 mm	3	301 mm	180 mm
ST2A30.50	€ 50,90	30,50 mm	3	301 mm	180 mm
ST2A30.75	€ 50,90	30,75 mm	3	301 mm	180 mm
ST2A31	€ 50,90	31,00 mm	3	301 mm	180 mm
ST2A31.25	€ 53,00	31,25 mm	3	301 mm	180 mm
ST2A31.50	€ 53,00	31,50 mm	3	301 mm	180 mm
ST2A31.75	€ 53,00	31,75 mm	4	306 mm	185 mm
ST2A32	€ 53,00	32,00 mm	4	334 mm	185 mm
ST2A32.50	€ 69,60	32,50 mm	4	334 mm	185 mm
ST2A33	€ 69,60	33,00 mm	4	334 mm	185 mm
ST2A33.50	€ 69,60	33,50 mm	4	334 mm	185 mm
ST2A34	€ 69,60	34,00 mm	4	339 mm	190 mm
ST2A34.50	€ 69,60	34,50 mm	4	339 mm	190 mm
ST2A35	€ 69,60	35,00 mm	4	339 mm	190 mm
ST2A35.50	€ 81,30	35,50 mm	4	339 mm	190 mm
ST2A36	€ 81,30	36,00 mm	4	344 mm	195 mm
ST2A36.50	€ 81,30	36,50 mm	4	344 mm	195 mm
ST2A37	€ 81,30	37,00 mm	4	344 mm	195 mm
ST2A37.50	€ 81,30	37,50 mm	4	344 mm	195 mm
ST2A38	€ 81,30	38,00 mm	4	349 mm	200 mm
ST2A38.50	€ 93,60	38,50 mm	4	349 mm	200 mm
ST2A39	€ 93,60	39,00 mm	4	349 mm	200 mm
ST2A39.50	€ 93,60	39,50 mm	4	349 mm	200 mm
ST2A40	€ 93,60	40,00 mm	4	349 mm	200 mm
ST2A40.50	€ 105,00	40,50 mm	4	354 mm	205 mm
ST2A41	€ 105,00	41,00 mm	4	354 mm	205 mm
ST2A41.50	€ 105,00	41,50 mm	4	354 mm	205 mm
ST2A42	€ 105,00	42,00 mm	4	354 mm	205 mm
ST2A42.50	€ 116,00	42,50 mm	4	354 mm	205 mm
ST2A43	€ 116,00	43,00 mm	4	359 mm	210 mm
ST2A43.50	€ 116,00	43,50 mm	4	359 mm	210 mm
ST2A44	€ 116,00	44,00 mm	4	359 mm	210 mm
ST2A44.50	€ 116,00	44,50 mm	4	359 mm	210 mm
ST2A45	€ 129,00	45,00 mm	4	359 mm	210 mm
ST2A45.50	€ 129,00	45,50 mm	4	364 mm	215 mm
ST2A46	€ 129,00	46,00 mm	4	364 mm	215 mm

Art.	€	ø	MT	L	l
ST2A46.50	€ 150,00	46,50 mm	4	364 mm	215 mm
ST2A47	€ 150,00	47,00 mm	4	364 mm	215 mm
ST2A47.50	€ 150,00	47,50 mm	4	364 mm	215 mm
ST2A48	€ 150,00	48,00 mm	4	369 mm	220 mm
ST2A48.50	€ 166,00	48,50 mm	4	369 mm	220 mm
ST2A49	€ 166,00	49,00 mm	4	369 mm	220 mm
ST2A49.50	€ 166,00	49,50 mm	4	369 mm	220 mm
ST2A50	€ 169,00	50,00 mm	4	369 mm	220 mm
ST2A50.50	€ 173,00	50,50 mm	4	374 mm	225 mm
ST2A51	€ 179,00	51,00 mm	5	412 mm	225 mm
ST2A51.50	€ 185,00	51,50 mm	5	412 mm	225 mm
ST2A52	€ 195,00	52,00 mm	5	412 mm	225 mm
ST2A53	€ 195,00	53,00 mm	5	412 mm	225 mm
ST2A54	€ 195,00	54,00 mm	5	417 mm	230 mm
ST2A55	€ 195,00	55,00 mm	5	417 mm	230 mm
ST2A56	€ 227,00	56,00 mm	5	417 mm	230 mm
ST2A57	€ 227,00	57,00 mm	5	422 mm	235 mm
ST2A58	€ 227,00	58,00 mm	5	422 mm	235 mm
ST2A59	€ 227,00	59,00 mm	5	422 mm	235 mm
ST2A60	€ 227,00	60,00 mm	5	422 mm	235 mm
ST2A61	€ 271,00	61,00 mm	5	427 mm	240 mm
ST2A62	€ 293,00	62,00 mm	5	427 mm	240 mm
ST2A63	€ 336,00	63,00 mm	5	427 mm	240 mm
ST2A65	€ 336,00	65,00 mm	5	432 mm	245 mm
ST2A66	€ 336,00	66,00 mm	5	432 mm	245 mm
ST2A67	€ 340,00	67,00 mm	5	432 mm	245 mm
ST2A68	€ 349,00	68,00 mm	5	437 mm	250 mm
ST2A69	€ 353,00	69,00 mm	5	437 mm	250 mm
ST2A70	€ 353,00	70,00 mm	5	437 mm	250 mm
ST2A71	€ 353,00	71,00 mm	5	437 mm	250 mm
ST2A72	€ 353,00	72,00 mm	5	442 mm	255 mm
ST2A73	€ 400,00	73,00 mm	5	442 mm	255 mm
ST2A74	€ 400,00	74,00 mm	5	442 mm	255 mm
ST2A75	€ 419,00	75,00 mm	5	442 mm	255 mm
ST2A77	€ 489,00	77,00 mm	6	514 mm	260 mm
ST2A78	€ 642,00	78,00 mm	6	514 mm	260 mm
ST2A79	€ 839,00	79,00 mm	6	514 mm	260 mm

P057 € 102,00

SET OF TWIST DRILLS WITH CONICAL SHANK

DIN 345/N, right hand



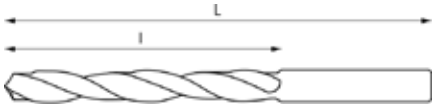


MT 14 mm
MT 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm

P081- PRO NEW

NC SPOTTING DRILL





Box | HSS CO 5% | External | Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Drill

Art.	€	Diameter	l	L
P081/03	€ 6,40	3 mm	12 mm	46 mm
P081/04	€ 8,30	4 mm	12 mm	55 mm
P081/05	€ 10,20	5 mm	15 mm	60 mm
P081/06	€ 12,30	6 mm	20 mm	66 mm
P081/08	€ 17,40	8 mm	25 mm	79 mm
P081/10	€ 22,30	10 mm	25 mm	89 mm
P081/12	€ 31,20	12 mm	30 mm	102 mm
P081/16	€ 50,50	16 mm	35 mm	115 mm
P081/20	€ 70,40	20 mm	40 mm	131 mm

P056/10S € 34,70

CENTER DRILL SET

DIN 333, ground, with vaporized grooves. Taper angle 60 °



10 Pcs | Box | HSS | 118° | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Magnetic Drill

Sizes	0.75 – 1.00 – 1.5 – 1.6 – 2.0 – 2.5 – 3.0 – 3.15 – 4.0 – 5.0 mm
Type	A
Tolerance	K12

P056-

CENTER DRILL

DIN 333, ground, with vaporized grooves. Taper angle 60 °





Box | HSS | 118° | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Magnetic Drill | Drill press

Art.	€	ø	Stem	Length
P056/1	€ 2,45	1 mm	ø 3 mm	30,5 mm
P056/1.6	€ 2,45	1,6 mm	ø 4 mm	35,5 mm
P056/2	€ 3,67	2 mm	ø 5 mm	40 mm
P056/2.5	€ 3,87	2,5 mm	ø 6,3 mm	45 mm
P056/3.15	€ 4,27	3,15 mm	ø 8 mm	50 mm
P056/4	€ 7,60	4 mm	ø 10 mm	56 mm
P056/5	€ 10,20	5 mm	ø 12,5 mm	63 mm



CORE SAWS

Tools designed for drilling and processing metal materials. These are cylindrical tips with a toothed circular section. They are mounted on the spindle of special tools such as drilling machines, magnetic base drills, and column drills. Unlike cup milling machines, which have a crown that holds the material to be removed inside, these milling machines process the material by chip removal through the side cutters of the tool.



THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

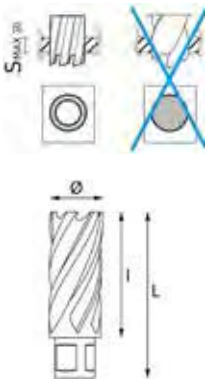
Materials to be processed	Saw Type	Saw diameter							Coolant
		12 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 49	50 - 60	
		no. of revolutions (rpm)							
Low alloy construction steel R< 700÷900N/mm2	HSS	700	530	420	340	290	240	170	Emulsion
	HSS-Co5%	875	663	525	425	363	300	213	Emulsion
Alloy steel R< 1100÷1300N/mm2	HSS	470	350	270	230	190	160	120	Emulsion
	HSS-Co5%	588	438	338	288	238	200	150	Emulsion
Stainless steel	HSS	470	350	270	230	190	160	120	Emulsion
	HSS-Co5%	588	438	338	288	238	200	150	Emulsion
Cast iron	HSS	240	180	140	120	100	80	60	No refriger.
Light Alloys	HSS	700	530	420	340	290	240	170	No refriger.
Plastic	HSS	830	620	480	400	340	280	200	No refriger.



F011-

CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing





Hangable | HSS | R≤850N/mm²

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	€	Cutting capacity	ø	Total length
F011/12	€ 23,50	30 mm	12 mm	62 mm
F011/13	€ 24,50	30 mm	13 mm	62 mm
F011/14	€ 28,40	30 mm	14 mm	62 mm
F011/15	€ 29,30	30 mm	15 mm	62 mm
F011/16	€ 31,30	30 mm	16 mm	62 mm
F011/17	€ 32,30	30 mm	17 mm	62 mm
F011/18	€ 34,20	30 mm	18 mm	62 mm
F011/19	€ 35,10	30 mm	19 mm	62 mm
F011/20	€ 36,20	30 mm	20 mm	62 mm
F011/21	€ 36,70	30 mm	21 mm	62 mm
F011/22	€ 38,10	30 mm	22 mm	62 mm
F011/23	€ 39,10	30 mm	23 mm	62 mm
F011/24	€ 41,60	30 mm	24 mm	62 mm
F011/25	€ 43,10	30 mm	25 mm	62 mm
F011/26	€ 48,90	30 mm	26 mm	62 mm
F011/27	€ 50,30	30 mm	27 mm	62 mm
F011/28	€ 51,80	30 mm	28 mm	62 mm
F011/29	€ 53,30	30 mm	29 mm	62 mm
F011/30	€ 54,70	30 mm	30 mm	62 mm
F011/31	€ 57,10	30 mm	31 mm	62 mm
F011/32	€ 58,70	30 mm	32 mm	62 mm
F011/33	€ 60,40	30 mm	33 mm	62 mm
F011/34	€ 62,10	30 mm	34 mm	62 mm
F011/35	€ 63,50	30 mm	35 mm	62 mm
F011/36	€ 65,30	30 mm	36 mm	62 mm
F011/37	€ 67,00	30 mm	37 mm	62 mm
F011/38	€ 69,20	30 mm	38 mm	62 mm
F011/39	€ 71,20	30 mm	39 mm	62 mm
F011/40	€ 72,40	30 mm	40 mm	62 mm
F011/41	€ 83,60	30 mm	41 mm	62 mm
F011/42	€ 85,50	30 mm	42 mm	62 mm
F011/43	€ 87,00	30 mm	43 mm	62 mm
F011/44	€ 88,90	30 mm	44 mm	62 mm
F011/45	€ 104,00	30 mm	45 mm	62 mm
F011/46	€ 106,00	30 mm	46 mm	62 mm
F011/47	€ 108,00	30 mm	47 mm	62 mm
F011/48	€ 111,00	30 mm	48 mm	62 mm
F011/49	€ 113,00	30 mm	49 mm	62 mm
F011/50	€ 115,00	30 mm	50 mm	62 mm
F011/51	€ 125,00	30 mm	51 mm	62 mm
F011/52	€ 127,00	30 mm	52 mm	62 mm
F011/53	€ 129,00	30 mm	53 mm	62 mm
F011/54	€ 132,00	30 mm	54 mm	62 mm
F011/55	€ 137,00	30 mm	55 mm	62 mm
F011/60	€ 160,00	30 mm	60 mm	62 mm

F011/6 € 185,00

WELDON SHANK CORE DRILL SET

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing.



7 Pcs | Box | HSS | R≤850N/mm²

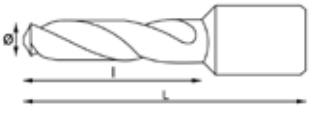
Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Sizes	12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm
Cutting capacity	30 mm
Shank	Weldon 19,05 mm

F011-XP

TWIST DRILLS WELDON SHANK





Hangable | HSS | 135° | R≤850N/mm²

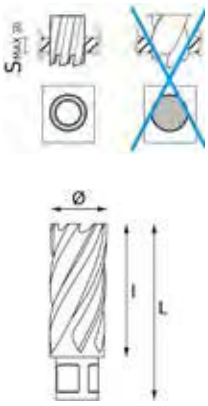
Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	€	ø	l	L
F011/006P	€ 28,70	6 mm	30 mm	62 mm
F011/007P	€ 28,70	7 mm	30 mm	62 mm
F011/008P	€ 28,70	8 mm	30 mm	62 mm
F011/009P	€ 31,70	9 mm	30 mm	62 mm
F011/010P	€ 31,70	10 mm	30 mm	62 mm
F011/011P	€ 34,70	11 mm	30 mm	62 mm

F002- PRO

CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing





Hangable | HSS CO 5% | Rs1200N/mm²

Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	Cutting capacity	Total length
F002/12	€ 38,90	12 mm	30 mm	62 mm
F002/13	€ 41,10	13 mm	30 mm	62 mm
F002/14	€ 44,90	14 mm	30 mm	62 mm
F002/15	€ 48,90	15 mm	30 mm	62 mm
F002/16	€ 50,80	16 mm	30 mm	62 mm
F002/17	€ 50,80	17 mm	30 mm	62 mm
F002/18	€ 50,80	18 mm	30 mm	62 mm
F002/19	€ 51,80	19 mm	30 mm	62 mm
F002/20	€ 53,80	20 mm	30 mm	62 mm
F002/21	€ 55,70	21 mm	30 mm	62 mm
F002/22	€ 57,70	22 mm	30 mm	62 mm
F002/23	€ 59,10	23 mm	30 mm	62 mm
F002/24	€ 62,60	24 mm	30 mm	62 mm
F002/25	€ 64,50	25 mm	30 mm	62 mm
F002/26	€ 74,20	26 mm	30 mm	62 mm
F002/27	€ 77,30	27 mm	30 mm	62 mm
F002/28	€ 79,20	28 mm	30 mm	62 mm
F002/29	€ 80,10	29 mm	30 mm	62 mm
F002/30	€ 83,10	30 mm	30 mm	62 mm
F002/31	€ 87,00	31 mm	30 mm	62 mm
F002/32	€ 90,00	32 mm	30 mm	62 mm
F002/33	€ 96,80	33 mm	30 mm	62 mm
F002/34	€ 102,00	34 mm	30 mm	62 mm
F002/35	€ 105,00	35 mm	30 mm	62 mm
F002/36	€ 109,00	36 mm	30 mm	62 mm
F002/37	€ 114,00	37 mm	30 mm	62 mm
F002/38	€ 118,00	38 mm	30 mm	62 mm
F002/39	€ 123,00	39 mm	30 mm	62 mm
F002/40	€ 127,00	40 mm	30 mm	62 mm
F002/41	€ 132,00	41 mm	30 mm	62 mm
F002/42	€ 138,00	42 mm	30 mm	62 mm
F002/43	€ 141,00	43 mm	30 mm	62 mm
F002/44	€ 148,00	44 mm	30 mm	62 mm
F002/45	€ 158,00	45 mm	30 mm	62 mm
F002/46	€ 160,00	46 mm	30 mm	62 mm
F002/47	€ 164,00	47 mm	30 mm	62 mm
F002/48	€ 167,00	48 mm	30 mm	62 mm
F002/49	€ 172,00	49 mm	30 mm	62 mm
F002/50	€ 176,00	50 mm	30 mm	62 mm
F002/55	€ 205,00	55 mm	30 mm	62 mm
F002/60	€ 317,00	60 mm	30 mm	62 mm

F002/6 PRO € 283,00

WELDON SHANK CORE DRILL SET

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing.



7 Pcs | Box | HSS CO 5% | Rs1200N/mm²

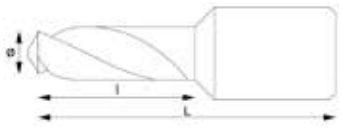
Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Sizes	12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm
Shank	Weldon 19,05 mm

F002-XP PRO

TWIST DRILLS WELDON SHANK





Hangable | HSS CO 5% | 135° | Rs1200N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

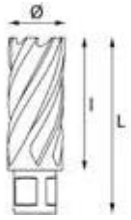
Art.	€	ø	l	L
F002/006P	€ 26,70	6 mm	30 mm	62.50 mm
F002/007P	€ 26,70	7 mm	30 mm	62.50 mm
F002/008P	€ 26,70	8 mm	30 mm	62.50 mm
F002/009P	€ 26,70	9 mm	30 mm	62.50 mm
F002/010P	€ 26,70	10 mm	30 mm	62.50 mm
F002/011P	€ 26,70	11 mm	30 mm	62.50 mm

F002-XL PRO

LONG TYPE CORE DRILL WITH WELDON SHANK

Allows a very fast cut, does not require pre-drilling and does not create any burr formation thanks to the lower effort of the cutting edge during processing







Hangable | HSS CO 5% | R≤1200N/mm²

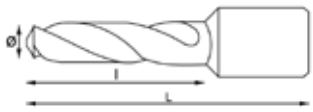
Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	Cutting capacity	Total length
F002/12L	€ 54,70	12 mm	50 mm	85 mm
F002/13L	€ 55,70	13 mm	50 mm	85 mm
F002/14L	€ 65,50	14 mm	50 mm	85 mm
F002/15L	€ 66,50	15 mm	50 mm	85 mm
F002/16L	€ 71,40	16 mm	50 mm	85 mm
F002/17L	€ 74,20	17 mm	50 mm	85 mm
F002/18L	€ 77,30	18 mm	50 mm	85 mm
F002/19L	€ 79,20	19 mm	50 mm	85 mm
F002/20L	€ 81,10	20 mm	50 mm	85 mm
F002/21L	€ 83,10	21 mm	50 mm	85 mm
F002/22L	€ 85,00	22 mm	50 mm	85 mm
F002/23L	€ 87,00	23 mm	50 mm	85 mm
F002/24L	€ 91,90	24 mm	50 mm	85 mm
F002/25L	€ 93,80	25 mm	50 mm	85 mm
F002/26L	€ 109,00	26 mm	50 mm	85 mm
F002/27L	€ 111,00	27 mm	50 mm	85 mm
F002/28L	€ 114,00	28 mm	50 mm	85 mm
F002/29L	€ 116,00	29 mm	50 mm	85 mm
F002/30L	€ 118,00	30 mm	50 mm	85 mm
F002/31L	€ 125,00	31 mm	50 mm	85 mm
F002/32L	€ 128,00	32 mm	50 mm	85 mm
F002/33L	€ 129,00	33 mm	50 mm	85 mm
F002/34L	€ 133,00	34 mm	50 mm	85 mm
F002/35L	€ 135,00	35 mm	50 mm	85 mm
F002/36L	€ 140,00	36 mm	50 mm	85 mm
F002/37L	€ 141,00	37 mm	50 mm	85 mm
F002/38L	€ 146,00	38 mm	50 mm	85 mm
F002/39L	€ 150,00	39 mm	50 mm	85 mm
F002/40L	€ 151,00	40 mm	50 mm	85 mm
F002/41L	€ 176,00	41 mm	50 mm	85 mm
F002/42L	€ 179,00	42 mm	50 mm	85 mm
F002/43L	€ 183,00	43 mm	50 mm	85 mm
F002/44L	€ 186,00	44 mm	50 mm	85 mm
F002/45L	€ 223,00	45 mm	50 mm	85 mm
F002/46L	€ 226,00	46 mm	50 mm	85 mm
F002/47L	€ 229,00	47 mm	50 mm	85 mm
F002/48L	€ 233,00	48 mm	50 mm	85 mm
F002/49L	€ 237,00	49 mm	50 mm	85 mm
F002/50L	€ 241,00	50 mm	50 mm	85 mm
F002/55L	€ 284,00	55 mm	50 mm	85 mm
F002/60L	€ 328,00	60 mm	50 mm	85 mm

F002-XPL PRO

LONG TWIST DRILLS WELDON SHANK





Hangable | HSS CO 5% | 135° | R≤1200N/mm²

Steel | Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	€	ø	l	L
F002/006PL	€ 34,70	6 mm	55 mm	86.50 mm
F002/007PL	€ 34,70	7 mm	55 mm	86.50 mm
F002/008PL	€ 34,70	8 mm	55 mm	86.50 mm
F002/009PL	€ 34,70	9 mm	55 mm	86.50 mm
F002/010PL	€ 34,70	10 mm	55 mm	86.50 mm
F002/011PL	€ 34,70	11 mm	55 mm	86.50 mm

F002/P PRO € 7,80

PILOT PIN

For weldon shank core drills



Box | Mill | Magnetic Drill | Drill press

Dimensions	6,35 x 77 mm

F002/PL PRO € 9,70

PILOT PIN

For weldon shank long type core drills



Box | Mill | Magnetic Drill | Drill press

Dimensions	6,35 x 102 mm

CUP SAWS WITH HARD METAL INSERTS



The variable hard metal tooth geometry enables cutting of pipes, profiles and sheets made of stainless steel, high-alloy steel. Max cut thickness: 5 mm

THEORETICAL RPM FOR CUP SAWS WITH HARD METAL INSERTS DEPENDING ON THE MATERIAL TO BE PROCESSED

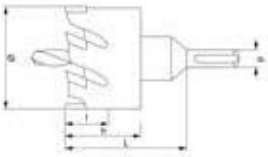
Materials to be processed	Saw diameter							Coolant
	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 70	71 -100	
	no. of revolutions (rpm)							
Alloy steel R< 1100÷1300N/mm2	530	420	340	270	210	160	100	Emulsion
Stainless steel	530	420	340	270	210	160	100	Emulsion
Aluminium	880	690	570	450	350	270	190	Emulsion



F019-

TCT CORE DRILL

With lateral chip and center drill





Hangable | C45 | HM | R≤1300N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press | Portable Drill

Art.	€	ø	h	d	L	Cutting Depth	Thread
F019/015	€ 12,50	15 mm	28 mm	10 mm	50 mm	5 mm	-
F019/016	€ 13,40	16 mm	28 mm	10 mm	50 mm	5 mm	-
F019/017	€ 14,30	17 mm	28 mm	10 mm	50 mm	5 mm	-
F019/018	€ 15,20	18 mm	28 mm	10 mm	50 mm	5 mm	-
F019/019	€ 16,00	19 mm	28 mm	10 mm	50 mm	5 mm	-
F019/020	€ 17,00	20 mm	28 mm	10 mm	50 mm	5 mm	-
F019/021	€ 17,80	21 mm	28 mm	10 mm	50 mm	5 mm	-
F019/022	€ 18,80	22 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/023	€ 19,60	23 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/024	€ 20,50	24 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/025	€ 21,40	25 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/026	€ 22,30	26 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/027	€ 23,20	27 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/028	€ 24,10	28 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/029	€ 24,90	29 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/030	€ 25,90	30 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/031	€ 26,70	31 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/032	€ 27,70	32 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/033	€ 28,50	33 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/034	€ 29,50	34 mm	28 mm	10 mm	50 mm	5 mm	M12 x 1,25
F019/035	€ 30,30	35 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/036	€ 31,20	36 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/037	€ 32,10	37 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/038	€ 33,00	38 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/039	€ 33,80	39 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/040	€ 34,80	40 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/041	€ 35,10	41 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/042	€ 36,10	42 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/043	€ 36,90	43 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/044	€ 37,40	44 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/045	€ 38,40	45 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/046	€ 39,20	46 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/047	€ 40,10	47 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/048	€ 41,00	48 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/049	€ 41,90	49 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/050	€ 42,70	50 mm	28 mm	10 mm	50 mm	5 mm	M14 x 1,5
F019/051	€ 43,70	51 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/052	€ 44,50	52 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/053	€ 45,50	53 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/054	€ 46,30	54 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/055	€ 47,30	55 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/056	€ 48,10	56 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/057	€ 49,00	57 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/058	€ 49,90	58 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/059	€ 50,80	59 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/060	€ 51,60	60 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/065	€ 59,70	65 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/070	€ 63,30	70 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/075	€ 67,70	75 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/080	€ 72,20	80 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/085	€ 76,60	85 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/090	€ 81,90	90 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/095	€ 86,40	95 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5
F019/100	€ 90,80	100 mm	28 mm	12 mm	50 mm	5 mm	M16 x 1,5

F019/006 — € 99,60

TCT CORE DRILL SET

With lateral chip and center drill.



6 Pcs | Carrying case | C45 | HM | R≤1300N/mm²

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm
Cutting Depth	5 mm

F019/008 — € 141,00

TCT CORE DRILL SET

With lateral chip and center drill.



8 Pcs | Carrying case | C45 | HM | R≤1300N/mm²

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm
Cutting Depth	5 mm

F019/005 — € 1,88

CENTER DRILL

For item F019-



Box | HSS | HM

ø	6 mm
L	50 mm

F019/007 — € 0,23

SPRING

For item F019-



Box | Steel

HSS CUP SAWS

Equipped with chip breaker side cut. Precision drilling of steel sheets, light alloys and metal materials in general. Drilling depth up to 5 mm.



THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

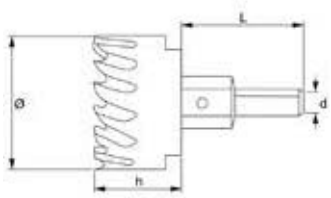
Materials to be processed	Saw diameter												Coolant
	12-17	18-24	25-32	33-38	39-44	45-51	52-57	58-64	65-70	71-80	81-90	91-100	
	no. of revolutions (rpm)												
Low alloy construction steel R< 700÷900N/mm2	550	380	300	240	200	170	150	130	120	110	100	90	Emulsion
Alloy steel R< 1100÷1300N/mm2	230	160	130	100	80	70	60	60	50	50	40	40	Emulsion
Stainless steel	230	160	130	100	80	70	60	60	50	50	40	40	Emulsion
Cast iron	280	190	150	120	100	90	80	70	60	60	50	40	No refriger.
Light Alloys	870	590	470	370	310	270	240	210	190	170	150	140	Emulsion
Aluminium	870	590	470	370	310	270	240	210	190	170	150	140	Emulsion
Plastic	660	450	350	280	240	210	180	160	150	130	120	100	Water No refrigeration



F015-

DRILL BIT HOLE SAW

With lateral chip and center drill





Hangable | HSS | Rs800N/mm² | Steel

Stainless steel | Aluminum | Non-ferr. alloys | Plastic | Cast Iron | Emulsion | Mill | Drill

Art.	€	ø	h	d	L	Thread
F015/012	€ 10,30	12 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/013	€ 10,30	13 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/014	€ 10,80	14 mm	23 mm	8 mm	56 mm	M10 x 1,25
F015/015	€ 10,80	15 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/016	€ 10,80	16 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/017	€ 10,80	17 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/018	€ 10,80	18 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/019	€ 11,30	19 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/020	€ 11,80	20 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/021	€ 12,20	21 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/022	€ 12,70	22 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/023	€ 13,80	23 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/024	€ 14,10	24 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/025	€ 14,60	25 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/026	€ 15,60	26 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/027	€ 16,00	27 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/028	€ 16,50	28 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/029	€ 17,00	29 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/030	€ 17,30	30 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/031	€ 17,80	31 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/032	€ 18,80	32 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/033	€ 18,80	33 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/034	€ 19,70	34 mm	23 mm	10 mm	56 mm	M12 x 1,25
F015/035	€ 20,70	35 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/036	€ 21,60	36 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/037	€ 21,60	37 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/038	€ 22,10	38 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/039	€ 24,00	39 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/040	€ 24,00	40 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/041	€ 24,50	41 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/042	€ 24,50	42 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/043	€ 25,40	43 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/044	€ 25,90	44 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/045	€ 27,30	45 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/046	€ 27,30	46 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/047	€ 27,80	47 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/048	€ 29,60	48 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/049	€ 30,00	49 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/050	€ 30,00	50 mm	23 mm	10 mm	56 mm	M14 x 1,5
F015/051	€ 36,70	51 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/052	€ 36,70	52 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/053	€ 37,60	53 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/054	€ 39,50	54 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/055	€ 39,50	55 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/056	€ 40,40	56 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/057	€ 40,40	57 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/058	€ 42,30	58 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/059	€ 44,20	59 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/060	€ 44,20	60 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/065	€ 56,40	65 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/070	€ 60,20	70 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/075	€ 64,80	75 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/080	€ 71,50	80 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/085	€ 81,80	85 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/090	€ 90,20	90 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/095	€ 97,70	95 mm	23 mm	12 mm	56 mm	M16 x 1,5
F015/100	€ 103,00	100 mm	23 mm	12 mm	56 mm	M16 x 1,5

F015/006S — € 99,60

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



6 Pcs | Carrying case | HSS | Rs800N/mm² | Steel

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm

F015/008S — € 141,00

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



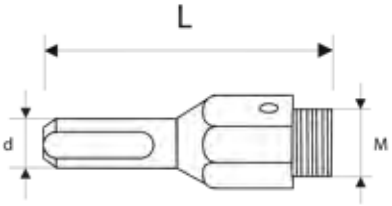
8 Pcs | Carrying case | HSS | Rs800N/mm² | Steel

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm

F015-A

DRILL BIT HOLE SAW ARBOR

For item F015-



Hangable | Mill | Drill

Art.	€	ø	d	L	Thread
F015/001	€ 3,29	12 - 14 mm	8 mm	56 mm	M10 x 1,25
F015/002	€ 3,29	15-34 mm	10 mm	56 mm	M12 x 1,25
F015/003	€ 4,71	35-50 mm	10 mm	56 mm	M14 x 1,5
F015/004	€ 4,71	51-100 mm	12 mm	60 mm	M16 x 1,5

F015/005 — € 1,88

CENTER DRILL

For item F015-



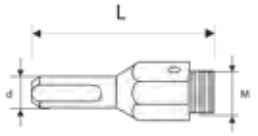
Box | HSS

ø	6 mm
L	50 mm

F015/007 — € 0,23

SPRING

For item F015-



Box | Steel

BI-METAL CUP SAW



Equipped with variable toothing for cutting thin material such as steel, cast iron, aluminium, copper, bronze, brass, wood, plastic, fibreglass and plasterboard.

THEORETICAL RPM FOR CORE SAWS DEPENDING ON THE MATERIAL TO BE PROCESSED

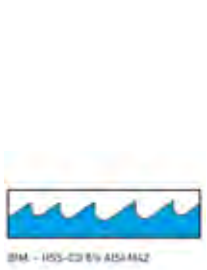
Materials to be processed	Saw diameter																Coolant
	14 - 17	19 - 24	25 - 32	33 - 38	40 - 44	46 - 51	52 - 57	59 - 64	65 - 70	73 - 79	83 - 89	92 - 98	102 - 108	111 - 121	127 - 140	146 - 152	
	no. of revolutions (rpm)																
Low alloy construction steel R< 700÷900N/mm2	530	360	280	230	190	170	140	130	120	110	90	80	80	70	60	50	Emulsion
Alloy steel R< 1100÷1300N/mm2	210	140	110	90	80	70	60	50	50	40	40	30	30	30	20	20	Emulsion
Stainless steel	210	140	110	90	80	70	60	50	50	40	40	30	30	30	20	20	Emulsion
Cast iron	250	180	170	140	110	90	70	60	60	50	40	40	40	30	30	30	No refriger.
Brass	740	510	400	320	270	230	200	180	170	150	130	120	110	100	80	70	"Emulsion Oil"
Aluminium and light alloys	850	580	450	360	300	270	230	210	190	170	150	130	120	110	100	80	Emulsion
Wood	960	650	510	410	340	300	260	230	210	190	170	150	140	120	110	100	No refriger.
Plastic	640	430	340	270	230	200	170	150	140	130	110	100	90	80	70	60	No refriger.
Plasterboard	960	650	510	410	340	300	260	230	210	190	170	150	140	120	110	100	No refriger.



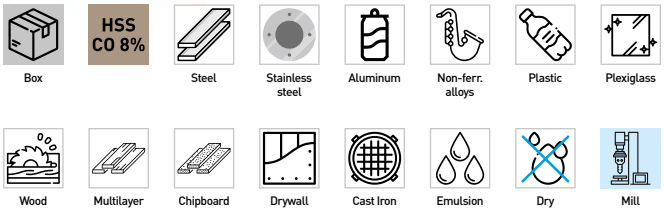
0278- PRO

BIMETAL HOLE SAWS WITH VARIABLE TEETH

Thanks to the geometry of the variable toothing, it is possible to perform rapid and precise cuts as well as greater heat dispersion during cutting for less wear of the teeth. Furthermore, there is a considerable reduction of seizure







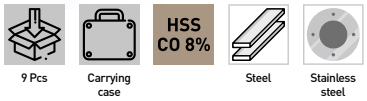
Art.	€	ø	ø inch
0278/014	€ 5,30	14 mm	9/16
0278/016	€ 5,30	16 mm	5/8
0278/017	€ 5,30	17 mm	11/16
0278/019	€ 5,70	19 mm	3/4
0278/020	€ 5,70	20 mm	25/32
0278/021	€ 6,10	21 mm	13/16
0278/022	€ 6,10	22 mm	7/8
0278/024	€ 6,40	24 mm	15/16
0278/025	€ 6,40	25 mm	1
0278/027	€ 7,00	27 mm	1-1/16
0278/029	€ 7,00	29 mm	1-1/8
0278/030	€ 8,30	30 mm	1-3/16
0278/032	€ 8,30	32 mm	1-1/4
0278/033	€ 8,50	33 mm	1-5/16
0278/035	€ 9,00	35 mm	1-3/8
0278/037	€ 9,50	37 mm	1-7/16
0278/038	€ 9,50	38 mm	1-1/2
0278/040	€ 9,70	40 mm	1-9/16
0278/041	€ 9,90	41 mm	1-5/8
0278/043	€ 9,90	43 mm	1-11/16
0278/044	€ 10,80	44 mm	1-3/4
0278/046	€ 10,80	46 mm	1-13/16
0278/048	€ 11,10	48 mm	1-7/8
0278/051	€ 11,40	51 mm	2
0278/052	€ 12,70	52 mm	2-1/16
0278/054	€ 12,70	54 mm	2-1/8
0278/057	€ 12,70	57 mm	2-1/4
0278/059	€ 13,10	59 mm	2-5/16
0278/060	€ 13,10	60 mm	2-3/8
0278/064	€ 14,10	64 mm	2-1/2
0278/065	€ 14,10	65 mm	2-9/16
0278/067	€ 15,20	67 mm	2-5/8
0278/068	€ 15,20	68 mm	2-11/16
0278/070	€ 15,20	70 mm	2-3/4
0278/073	€ 16,70	73 mm	2-7/8
0278/076	€ 16,70	76 mm	3
0278/079	€ 17,70	79 mm	3-1/8
0278/083	€ 18,80	83 mm	3-1/4
0278/085	€ 18,80	85 mm	3-3/8
0278/089	€ 20,40	89 mm	3-1/2
0278/092	€ 20,90	92 mm	3-5/8
0278/095	€ 21,70	95 mm	3-3/4
0278/098	€ 21,70	98 mm	3-7/8
0278/102	€ 21,90	102 mm	4
0278/105	€ 22,30	105 mm	4-1/8
0278/108	€ 23,00	108 mm	4-1/4
0278/111	€ 23,70	111 mm	4-3/8
0278/114	€ 24,80	114 mm	4-1/2
0278/121	€ 25,90	121 mm	4-3/4
0278/127	€ 28,00	127 mm	5
0278/140	€ 37,80	140 mm	5-1/2
0278/152	€ 44,00	152 mm	6

0278/002S PRO € 95,90

HOLE SAW SET

Electrician kit







Hole saw	22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 44 mm
Corresponding arbors, adapter, bits	0712/800
Hole saw	51 - 64 mm
Corresponding arbors, adapter, bits	0712/900

0278/005S PRO € 62,90

HOLE SAW SET

Repairman set







Hole saw	22 - 25 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	32 - 38 mm
Corresponding arbors, adapter, bits	0712/900

0278/008S PRO € 91,20

HOLE SAW SET

Plumber set







Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	38 - 44 - 57 mm
Corresponding arbors, adapter, bits	0712/800 - 0712/900

0278/009S PRO € 108,00

HOLE SAW SET

Installer set







Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Hole saw	35 - 38 - 44 - 51 - 57 - 64 mm
Corresponding arbors, adapter, bits	0712/800

0712-

BIMETAL HOLE SAWS WITH VARIABLE TEETH

Thanks to the geometry of the variable toothing, it is possible to perform rapid and precise cuts as well as greater heat dispersion during cutting for less wear of the teeth. Furthermore, there is a considerable reduction of seizure





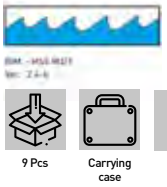


Art.	€	ø	ø inch
0712/014	€ 4,91	14 mm	9/16
0712/016	€ 4,91	16 mm	5/8
0712/017	€ 4,91	17 mm	11/16
0712/019	€ 4,91	19 mm	3/4
0712/020	€ 4,91	20 mm	25/32
0712/021	€ 4,91	21 mm	13/16
0712/022	€ 7,00	22 mm	7/8
0712/024	€ 7,00	24 mm	15/16
0712/025	€ 7,00	25 mm	1
0712/027	€ 7,00	27 mm	1-1/16
0712/029	€ 7,00	29 mm	1-1/8
0712/030	€ 7,10	30 mm	1-3/16
0712/032	€ 7,10	32 mm	1-1/4
0712/033	€ 7,10	33 mm	1-5/16
0712/035	€ 9,10	35 mm	1-3/8
0712/037	€ 9,10	37 mm	1-7/16
0712/038	€ 9,10	38 mm	1-1/2
0712/040	€ 9,10	40 mm	1-9/16
0712/041	€ 9,10	41 mm	1-5/8
0712/043	€ 9,10	43 mm	1-11/16
0712/044	€ 9,10	44 mm	1-3/4
0712/046	€ 9,10	46 mm	1-13/16
0712/048	€ 9,10	48 mm	1-7/8
0712/051	€ 9,10	51 mm	2
0712/052	€ 10,70	52 mm	2-1/16
0712/054	€ 10,70	54 mm	2-1/8
0712/057	€ 10,70	57 mm	2-1/4
0712/059	€ 10,70	59 mm	2-5/16
0712/060	€ 10,70	60 mm	2-3/8
0712/064	€ 12,00	64 mm	2-1/2
0712/065	€ 12,00	65 mm	2-9/16
0712/067	€ 12,00	67 mm	2-5/8
0712/068	€ 12,00	68 mm	2-11/16
0712/070	€ 12,00	70 mm	2-3/4
0712/073	€ 14,00	73 mm	2-7/8
0712/076	€ 14,00	76 mm	3
0712/079	€ 14,00	79 mm	3-1/8
0712/083	€ 15,60	83 mm	3-1/4
0712/085	€ 15,60	85 mm	3-3/8
0712/089	€ 15,60	89 mm	3-1/2
0712/092	€ 15,60	92 mm	3-5/8
0712/095	€ 17,30	95 mm	3-3/4
0712/098	€ 17,30	98 mm	3-7/8
0712/102	€ 18,50	102 mm	4
0712/105	€ 20,20	105 mm	4-1/8
0712/108	€ 24,80	108 mm	4-1/4
0712/111	€ 30,80	111 mm	4-3/8
0712/114	€ 30,80	114 mm	4-1/2
0712/121	€ 30,80	121 mm	4-3/4
0712/127	€ 30,80	127 mm	5
0712/140	€ 35,60	140 mm	5-1/2
0712/152	€ 35,60	152 mm	6

0712/002 € 86,90

HOLE SAW SET

Electrician kit





Hole saw	22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 44 mm
Corresponding arbors, adapter, bits	0712/800
Hole saw	51 - 64 mm
Corresponding arbors, adapter, bits	0712/900

0712/005 € 56,90

HOLE SAW SET

Repairman set



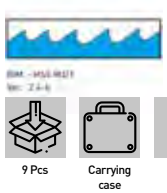


Hole saw	22 - 25 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	32 - 38 mm
Corresponding arbors, adapter, bits	0712/900

0712/008 € 86,90

HOLE SAW SET

Plumber set



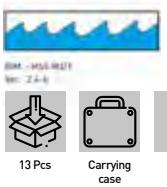


Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	38 - 44 - 57 mm
Corresponding arbors, adapter, bits	0712/800 - 0712/900

0712/009 € 98,70

HOLE SAW SET

Installer set





Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Hole saw	35 - 38 - 44 - 51 - 57 - 64 mm
Corresponding arbors, adapter, bits	0712/800

0712/010 — € 186,00

HOLE SAW SET

Industry kit





21 Pcs | Carrying case | HSS M3

Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	35 - 38 - 44 - 51 - 57 - 64 - 76 - 83 - 92 - 95 - 105 - 114 mm
Corresponding arbors, adapter, bits	0712/600 - 0712/900 - 0712/300
Extension	300 mm

0712/900 — € 3,96

ARBOR ADAPTER FOR HOLE SAWS





Box

Gear Reduction ratio	1/2" - 5/8"
For arbor	0712/600 - 0712/700

0712-X00

DRILL BIT

Suitable for all brands



HSS

Box

Art.	€	Stem	For arbor	Length	Pack
0712/300	**€ 3,96**	Ø 6,35 mm	0712/600	105 mm	10
0712/200	**€ 3,96**	Ø 6,35 mm	0712/700 - 800	75 mm	10

0712-X0

HOLE SAW ARBOR WITH DRILL BIT

Hexagonal connection, suitable for all brands.



HSS

Box

Art.	€	Shank	Stem	Hole saw	Thread
0712/600	**€ 7,10**	Shank Round	Ø 6,35 mm	Ø 14÷30 mm	1/2"
0712/700	**€ 8,00**	Shank Hexagonal	Ø 9,5 mm	Ø 14÷30 mm	1/2"
0712/800	**€ 12,70**	Shank Hexagonal	Ø 11 mm	Ø 32÷152 mm	5/8"



A208B-

MACHINE REAMER

DIN 208 / B, ground for H7 couplings. Right-hand cut, left-hand helical cutting edges, morse taper attachment. They can be used mainly for through holes but thanks to the short mouth it is also possible to bore blind holes





Box | HSS | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

Art.	€	øH7	L	l	MT
A208B/05	€ 21,40	5 mm	133 mm	23 mm	1
A208B/06	€ 23,20	6 mm	138 mm	26 mm	1
A208B/07	€ 23,20	7 mm	150 mm	31 mm	1
A208B/08	€ 24,30	8 mm	156 mm	33 mm	1
A208B/09	€ 24,30	9 mm	162 mm	36 mm	1
A208B/10	€ 26,50	10 mm	168 mm	38 mm	1
A208B/11	€ 26,50	11 mm	175 mm	41 mm	1
A208B/12	€ 27,80	12 mm	182 mm	44 mm	1
A208B/13	€ 27,80	13 mm	182 mm	44 mm	1
A208B/14	€ 29,10	14 mm	189 mm	47 mm	1
A208B/15	€ 33,20	15 mm	204 mm	50 mm	2
A208B/16	€ 33,20	16 mm	210 mm	52 mm	2
A208B/17	€ 34,10	17 mm	214 mm	54 mm	2
A208B/18	€ 34,70	18 mm	219 mm	56 mm	2
A208B/19	€ 35,60	19 mm	223 mm	58 mm	2
A208B/20	€ 39,50	20 mm	228 mm	60 mm	2
A208B/21	€ 41,60	21 mm	232 mm	62 mm	2
A208B/22	€ 45,50	22 mm	237 mm	64 mm	2
A208B/23	€ 50,00	23 mm	241 mm	66 mm	2
A208B/24	€ 51,90	24 mm	268 mm	68 mm	3
A208B/25	€ 56,90	25 mm	268 mm	68 mm	3
A208B/26	€ 59,70	26 mm	273 mm	70 mm	3
A208B/27	€ 66,60	27 mm	277 mm	71 mm	3
A208B/28	€ 72,50	28 mm	277 mm	71 mm	3
A208B/29	€ 74,40	29 mm	281 mm	73 mm	3
A208B/30	€ 79,30	30 mm	281 mm	73 mm	3
A208B/31	€ 83,20	31 mm	285 mm	75 mm	3
A208B/32	€ 87,10	32 mm	317 mm	77 mm	4
A208B/34	€ 116,00	34 mm	321 mm	78 mm	4
A208B/35	€ 121,00	35 mm	321 mm	78 mm	4
A208B/36	€ 126,00	36 mm	325 mm	79 mm	4
A208B/38	€ 140,00	38 mm	329 mm	81 mm	4
A208B/40	€ 152,00	40 mm	329 mm	81 mm	4

A212-

MACHINE REAMER

DIN 212 / B, ground for H7 couplings. Right-hand cut, left-hand helical cutting edges, cylindrical attachment. They can be used mainly for through holes but thanks to the short mouth it is also possible to bore blind holes





Box | HSS | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

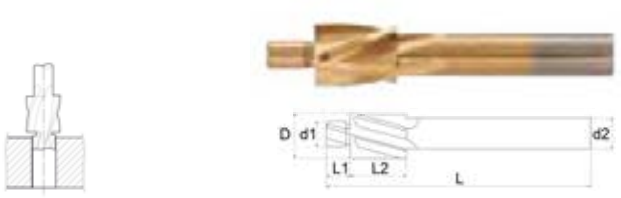
Art.	€	øH7	L	l	d h9	Z
A212/02.00	€ 20,20	2 mm	49 mm	11 mm	2 mm	4
A212/02.50	€ 20,20	2,5 mm	57 mm	14 mm	2.5 mm	4
A212/03.00	€ 20,20	3 mm	61 mm	15 mm	3 mm	4
A212/03.50	€ 20,20	3,5 mm	70 mm	18 mm	3,5 mm	6
A212/04.00	€ 13,50	4 mm	75 mm	19 mm	4 mm	6
A212/04.50	€ 13,50	4,5 mm	80 mm	21 mm	4,5 mm	6
A212/05.00	€ 13,50	5 mm	86 mm	23 mm	5 mm	6
A212/05.50	€ 13,50	5,5 mm	93 mm	26 mm	5,5 mm	6
A212/06.00	€ 13,50	6 mm	93 mm	26 mm	6 mm	6
A212/06.50	€ 17,10	6,5 mm	101 mm	28 mm	6,5 mm	6
A212/07.00	€ 17,10	7 mm	109 mm	31 mm	7 mm	6
A212/07.50	€ 17,10	7,5 mm	109 mm	31 mm	7 mm	6
A212/08.00	€ 17,10	8 mm	117 mm	33 mm	8 mm	6
A212/08.50	€ 21,30	8,5 mm	117 mm	33 mm	8 mm	6
A212/09.00	€ 21,30	9 mm	125 mm	36 mm	9 mm	6
A212/09.50	€ 21,30	9,5 mm	125 mm	36 mm	9 mm	6
A212/10.00	€ 21,30	10 mm	133 mm	38 mm	10 mm	6
A212/11.00	€ 24,30	11 mm	142 mm	41 mm	10 mm	6
A212/12.00	€ 33,20	12 mm	151 mm	44 mm	10 mm	6
A212/13.00	€ 33,20	13 mm	151 mm	44 mm	10 mm	6
A212/14.00	€ 40,10	14 mm	160 mm	47 mm	12 mm	6
A212/15.00	€ 40,10	15 mm	162 mm	50 mm	12 mm	8
A212/16.00	€ 40,10	16 mm	170 mm	52 mm	12 mm	8



L018-

SOLID CAP SCREW COUNTER BORE BEFORE THREAD GRADE

DIN 373, for pre-drilled threads



HSS | TiN

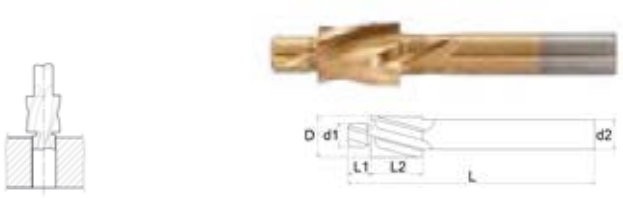
Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L018/03	€ 12,40	M3	6 mm	2,5 mm	5 mm	4 mm	14 mm	71 mm
L018/04	€ 12,40	M4	8 mm	3,3 mm	5 mm	5 mm	14 mm	71 mm
L018/05	€ 12,40	M5	10 mm	4,2 mm	8 mm	6 mm	18 mm	80 mm
L018/06	€ 12,80	M6	11 mm	5,0 mm	8 mm	7 mm	18 mm	80 mm
L018/08	€ 20,80	M8	15 mm	6,8 mm	12,5 mm	9 mm	22 mm	100 mm
L018/10	€ 24,70	M10	18 mm	8,5 mm	12,5 mm	14 mm	22 mm	100 mm
L018/12	€ 26,70	M12	20 mm	10,2 mm	12,5 mm	14 mm	22 mm	100 mm

L019-

SOLID CAP SCREW COUNTER BORE FINE GRADE

DIN 373, for through holes for the execution of precision screws or bolts



HSS | TiN

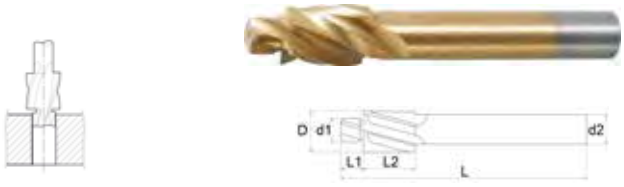
Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L019/03	€ 12,40	M3	6 mm	3,2 mm	5 mm	4 mm	14 mm	71 mm
L019/04	€ 12,40	M4	8 mm	4,3 mm	5 mm	5 mm	14 mm	71 mm
L019/05	€ 12,40	M5	10 mm	5,3 mm	8 mm	6 mm	18 mm	80 mm
L019/06	€ 12,80	M6	11 mm	6,4 mm	8 mm	7 mm	18 mm	80 mm
L019/08	€ 20,80	M8	15 mm	8,4 mm	12,5 mm	9 mm	22 mm	100 mm
L019/10	€ 24,70	M10	18 mm	10,5 mm	12,5 mm	14 mm	22 mm	100 mm
L019/12	€ 26,70	M12	20 mm	13,0 mm	12,5 mm	14 mm	22 mm	100 mm

L020-

COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK MEDIUM TYPE

DIN 373, for through holes



HSS | TiN

Box | External | Steel | Aluminum

Art.	€	Screw	D	d1	d2	L1	L2	L
L020/03	€ 13,50	M 3	6 mm	3,4 mm	5 mm	4 mm	14 mm	71 mm
L020/04	€ 14,60	M 4	8 mm	4,5 mm	5 mm	5 mm	14 mm	71 mm
L020/05	€ 15,80	M 5	10 mm	5,5 mm	8 mm	6 mm	18 mm	80 mm
L020/06	€ 16,60	M 6	11 mm	6,6 mm	8 mm	7 mm	18 mm	80 mm
L020/08	€ 25,30	M 8	15 mm	9 mm	12,5 mm	9 mm	22 mm	100 mm
L020/10	€ 28,70	M 10	18 mm	11 mm	12,5 mm	14 mm	22 mm	100 mm
L020/12	€ 32,30	M 12	20 mm	13,5 mm	12,5 mm	14 mm	22 mm	100 mm

L018S € 84,10

SOLID CAP SCREW COUNTER BORE SET BEFORE THREAD

DIN 373, for pre-drilled threads



6 Pcs | Hangable | HSS

TiN

External | Steel

For screws M3, M4, M5, M6, M8, M10, M12

L019S € 84,10

SOLID CAP SCREW COUNTER BORE SET FINE GRADE

DIN 373, for through holes for the execution of precision screws or bolts



6 Pcs | Hangable | HSS

TiN

External | Steel

For screws M3, M4, M5, M6, M8, M10, M12

L020S € 84,10

SOLID CAP SCREW COUNTER BORE SET MEDIUM GRADE

DIN 373, for through holes



6 Pcs | Hangable | HSS

TiN

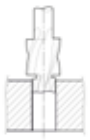
External | Steel

For screws M3, M4, M5, M6, M8, M10

L020 — € 98,70

7 PCS COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK

DIN 373, for through holes





7 Pcs · Hangable · HSS · TiN · External · Steel

For screws	M3, M4, M5, M6, M8, M10, M12

S001 — € 93,10

90° THREE FLUTES COUNTERSINK SET

DIN 335C, with ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





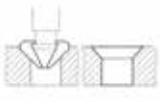
5 Pcs · Hangable · HSS · TiN · 90° · External

ø max	8 - 10 - 12,4 - 16,5 - 20,5 mm

S026/06-20S — € 60,20

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations.





6 Pcs · Hangable · HSS M2 · 90° · Steel · Aluminum

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

S0X

90° THREE FLUTES COUNTERSINK

DIN 335C, with ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





Box · HSS · TiN · 90° · External · Steel

Art.	€	ø max	Screws M	Stem
S006	€ 10,20	6,3 mm	3	Ø 5 mm
S010	€ 12,00	10,4 mm	5	Ø 6 mm
S012	€ 13,80	12,4 mm	6	Ø 8 mm
S016	€ 17,90	16,5 mm	8	Ø 10 mm
S020	€ 21,90	20,5 mm	10	Ø 10 mm
S025	€ 26,20	25 mm	12	Ø 10 mm
S028	€ 33,10	28 mm	14	Ø 12 mm
S031	€ 35,50	31 mm	16	Ø 12 mm
S040	€ 60,00	40 mm	--	Ø 15 mm

S026-

COUNTERSINK WITH HEX SHANK

To perform conical countersinks without vibrations.





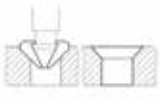
Box · HSS M2 · 90° · Steel · Aluminum · Non-ferr. alloys

Art.	€	ø	Total length	Shank dimensions
S026/06	€ 9,40	6,3 mm	31 mm	1/4" HEX x 25 mm
S026/08	€ 9,40	8,3 mm	31 mm	1/4" HEX x 25 mm
S026/10	€ 10,30	10,4 mm	34 mm	1/4" HEX x 25 mm
S026/12	€ 10,80	12,4 mm	35 mm	1/4" HEX x 25 mm
S026/16	€ 11,80	16,5 mm	40 mm	1/4" HEX x 25 mm
S026/20	€ 13,70	20,5 mm	41 mm	1/4" HEX x 25 mm

S026/06-20SM — € 73,40

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations. With handle and magnetic extension.





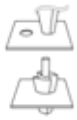
8 Pcs · Hangable · HSS M2 · 90° · Steel · Aluminum

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

A014-

TAPER DRILL

With cilindrical shank





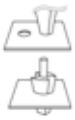
Box | HSS M2 | TiN | Steel | Aluminum | Non-ferr. alloys

Art.	€	ø	Total length
A014/03-14	€ 12,50	3 - 14 mm	58 mm
A014/06-20	€ 21,60	6 - 20 mm	63 mm
A014/16-30	€ 38,60	16 - 30,5 mm	72 mm
A014/26-40	€ 71,50	26 - 40 mm	86 mm
A014/36-50	€ 95,90	36 - 50 mm	89 mm
A014/40-61	€ 160,00	40 - 61 mm	94 mm
A014/03-31	€ 45,10	3 - 31 mm	104 mm
A014/03-22	€ 26,80	3 - 22,5 mm	76 mm

A014/03-30S € 81,30

TAPER DRILLS SET

With cilindrical shank





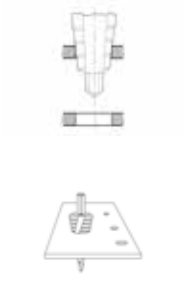
3 Pcs | Hangable | HSS M2 | TiN | Steel | Aluminum

Sizes	3-14 - 6-20 - 16-30,5 mm

F639 € 78,60

STEP DRILL BITS

For creating and enlarging holes in sheet metal





Box | HSS | TiN | Steel | Aluminum | Non-ferr. alloys

Stem	10 mm
ø	6 ÷ 39 (6-9-12-15-18-21-24-27-30-33-36-39) mm

F430 € 74,40

STEP DRILL BITS SET

For creating and enlarging holes in sheet metal





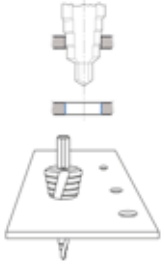
3 Pcs | Hangable | HSS | TiN | Steel | Aluminum

Stem	6 - 8 - 10 mm
ø	4 ÷ 12 - 6 ÷ 20 - 6 ÷ 30 mm

F23X

STEP DRILL BITS

For creating and enlarging holes in sheet metal, with interchangeable point.





Box | HSS | TiN | Steel | Aluminum | Non-ferr. alloys

Art.	€	Stem	ø
F232	€ 72,40	10 mm	2,5 ÷ 32 (2,5-6,3-11,2-14,5-18,2-22,3-27,9-32) mm
F238	€ 77,50	10 mm	2,5 ÷ 38 (2,5-6,3-13-16-19-21-23-26-29-32-35-38) mm

F025 € 6,50

SPARE PART POINT

Suitable with F232 F238



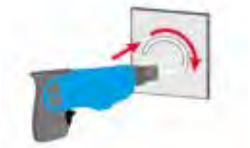
Box | HSS

Stem	4 mm
Spare part point	Ø 2,5 mm

P037-

MILLING DRILLS

For drilling and milling of thin materials





HSS | TiN

Hangable | Steel | Aluminum

Art.	€	ø	Stem	Total length
P037/6	€ 2,71	6 mm	6 mm	90 mm
P037/8	€ 4,06	8 mm	8 mm	90 mm

P036- PRO

SPOT DRILLS

DIN 1897/N, to remove welding spots and to drill metal sheets in general





HSS CO 5%

Hangable | Steel | Emulsion | Mill

Art.	€	ø	Total length
P036/06	€ 5,90	6 mm	66 mm
P036/07	€ 8,40	7 mm	74 mm
P036/08	€ 8,90	8 mm	79 mm
P036/10	€ 9,90	10 mm	89 mm

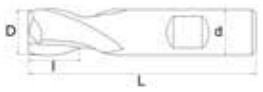
F005-

2 FLUTE STRAIGHT SHANK END MILL

DIN 327/D, for finish, cylindrical shank, weldon connection, normal series

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F005/03	€ 7,50	3 mm	6 mm	5 mm	2	49 mm
F005/04	€ 7,80	4 mm	6 mm	7 mm	2	51 mm
F005/05	€ 8,80	5 mm	6 mm	8 mm	2	52 mm
F005/06	€ 9,00	6 mm	6 mm	8 mm	2	52 mm
F005/08	€ 10,80	8 mm	10 mm	11 mm	2	61 mm
F005/10	€ 10,90	10 mm	10 mm	13 mm	2	63 mm
F005/12	€ 12,70	12 mm	12 mm	16 mm	2	73 mm

Art.	€	D	d	l	Z	L
F005/14	€ 17,00	14 mm	12 mm	16 mm	2	73 mm
F005/16	€ 25,20	16 mm	16 mm	19 mm	2	79 mm
F005/18	€ 26,20	18 mm	16 mm	19 mm	2	79 mm
F005/20	€ 35,50	20 mm	20 mm	22 mm	2	88 mm
F005/22	€ 44,00	22 mm	20 mm	22 mm	2	88 mm
F005/24	€ 49,90	24 mm	20 mm	26 mm	2	92 mm
F005/25	€ 54,00	25 mm	20 mm	26 mm	2	92 mm

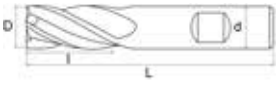
F006-

4 FLUTE STRAIGHT SHANK END MILL

DIN 844 for finish, cylindrical shank, weldon connection, normal series

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F006/03	€ 7,80	3 mm	6 mm	8 mm	4	52 mm
F006/04	€ 7,80	4 mm	6 mm	11 mm	4	55 mm
F006/05	€ 8,90	5 mm	6 mm	13 mm	4	57 mm
F006/06	€ 9,00	6 mm	6 mm	13 mm	4	57 mm
F006/08	€ 11,30	8 mm	10 mm	19 mm	4	69 mm
F006/10	€ 11,90	10 mm	10 mm	22 mm	4	72 mm

Art.	€	D	d	l	Z	L
F006/12	€ 15,40	12 mm	12 mm	26 mm	4	83 mm
F006/14	€ 15,40	14 mm	12 mm	26 mm	4	83 mm
F006/16	€ 22,60	16 mm	16 mm	32 mm	4	92 mm
F006/18	€ 22,80	18 mm	16 mm	32 mm	4	92 mm
F006/20	€ 31,90	20 mm	20 mm	38 mm	4	104 mm

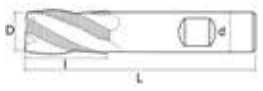
F007-

4 FLUTE STRAIGHT SHANK ROUGHING END MILL

DIN 844/B, regular length weldon shank center cutting.

HSS | TiN

Box | External | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion





Art.	€	D	d	l	Z	L
F007/06	€ 12,70	6 mm	6 mm	13 mm	4	57 mm
F007/07	€ 12,70	7 mm	10 mm	16 mm	4	66 mm
F007/08	€ 14,00	8 mm	10 mm	19 mm	4	69 mm
F007/09	€ 16,30	9 mm	10 mm	19 mm	4	69 mm
F007/10	€ 16,30	10 mm	10 mm	22 mm	4	72 mm
F007/11	€ 16,30	11 mm	12 mm	22 mm	4	76 mm
F007/12	€ 16,30	12 mm	12 mm	26 mm	4	83 mm
F007/13	€ 17,50	13 mm	12 mm	26 mm	4	83 mm

Art.	€	D	d	l	Z	L
F007/14	€ 17,50	14 mm	12 mm	26 mm	4	83 mm
F007/15	€ 22,10	15 mm	12 mm	26 mm	4	83 mm
F007/16	€ 22,10	16 mm	16 mm	32 mm	4	92 mm
F007/18	€ 30,30	18 mm	16 mm	32 mm	4	92 mm
F007/20	€ 41,10	20 mm	20 mm	38 mm	4	104 mm
F007/22	€ 47,10	22 mm	20 mm	38 mm	4	104 mm
F007/25	€ 52,10	25 mm	25 mm	45 mm	4	121 mm

F001/10 — € 228,00

SET FRONTAL ROUGHING END MILLS

DIN 844/B, regular length, center cutting, weldon shank.





10 Pcs | Wooden Box | External | Steel

Mill	Ø 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 mm
Stem	Ø 6 | 10 | 10 | 12 | 12 | 16 | 16 | 20 | 20 | 25 mm

F001/20 — € 228,00

SET END MILLS

DIN 844/B and DIN 327/D, two and four flute, regular length, weldon shank, center cutting.



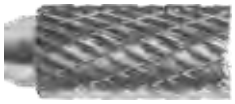
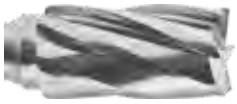


20 Pcs | Wooden Box | External | Steel

2 Flute mill	Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm
Stem	Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 -16 - 20 mm
4 Flute mill	Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm
Stem	Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 - 16 - 20 mm

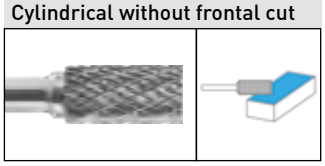


HARD METAL ROTARY MILLING MACHINES

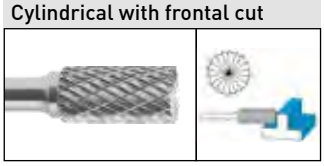
Cut type	Representation	Description
Standard Cut		Suitable for cutting steel, hardened steel, cast iron, weld seams and metal materials in general.
Cross cut		Suitable for treated steel, stainless steel, metal materials in general. Thanks to this type of cut, vibrations are considerably reduced.
Aluminium cutting		Suitable for aluminium, magnesium, plastics and hard rubber.

TYPOLOGIES OF SHAPES AND THEIR USE

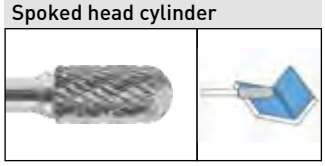
Cylindrical without frontal cut



Cylindrical with frontal cut



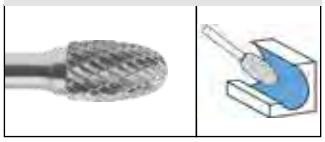
Spoked head cylinder



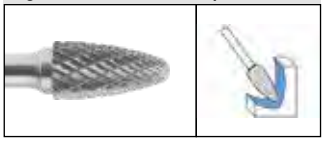
Spherical



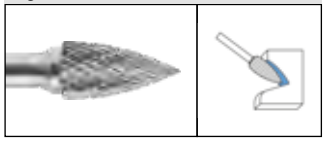
Oval



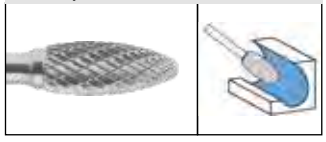
Ogive with rounded tip



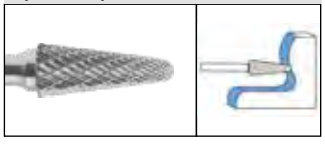
Ogive



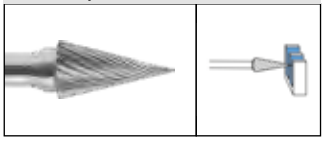
With spoked lance



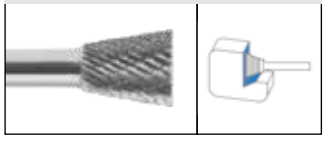
Spoked tip conical



Conical pointed



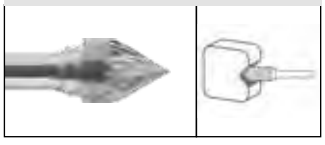
Conical Trunk



90° conical

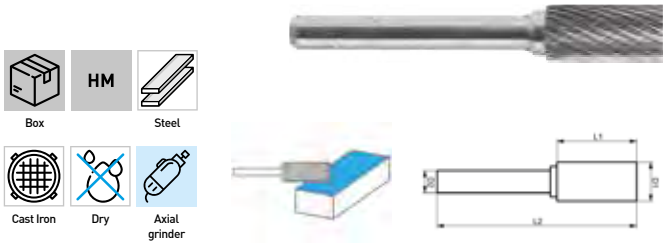


60° conical



AXSC

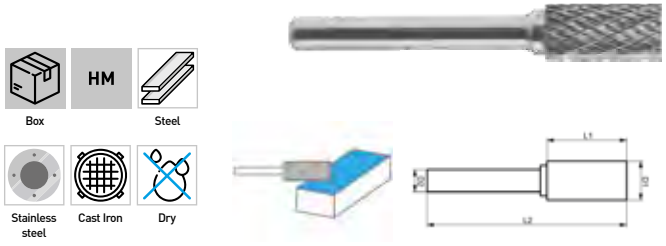
SINGLE CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
A02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
A06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
A08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
A10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
A12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
A16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

AXDC

DIAMOND CUT ROTARY BURRS

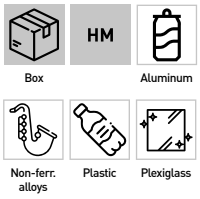


Art.	€	D1	L1	D2	L2
A02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
A06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
A08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
A10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
A12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
A16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

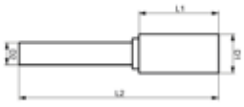
A12AL6 — € 29,20

ROTARY BURRS FOR ALUMINIUM







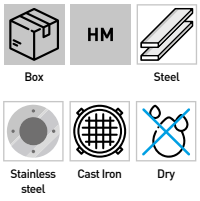


D1	ø12 mm
L1	25 mm
D2	6 mm
L2	70 mm

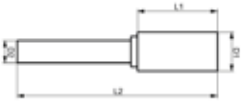
BXDC

DIAMOND CUT ROTARY BURRS







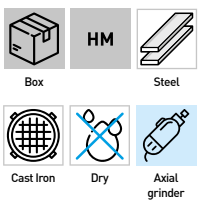


Art.	€	D1	L1	D2	L2
B02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
B03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
B04DC3	€ 9,40	ø4 mm	13 mm	3 mm	41 mm
B04DC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
B06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
B08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
B10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
B12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
B16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
B19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm
B22DC6	€ 88,10	ø22 mm	25 mm	6 mm	70 mm
B25DC6	€ 102,00	ø25 mm	25 mm	6 mm	70 mm

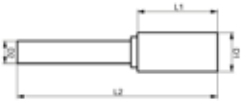
BXSCXL

SINGLE CUT LONG ROTARY BURRS







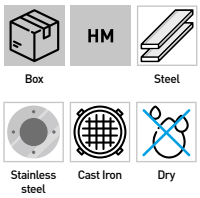


Art.	€	D1	L1	D2	L2
B02SC3L	€ 5,80	ø2 mm	10 mm	3 mm	65 mm
B03SC3L	€ 5,80	ø3 mm	13 mm	3 mm	65 mm
B08SC6L	€ 17,80	ø8 mm	20 mm	6 mm	120 mm
B10SC6L	€ 22,30	ø10 mm	20 mm	6 mm	120 mm
B12SC6L	€ 27,20	ø12 mm	25 mm	6 mm	120 mm

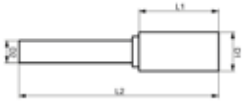
BXSC

SINGLE CUT ROTARY BURRS







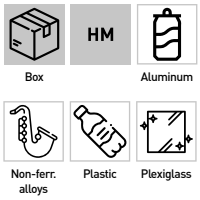


Art.	€	D1	L1	D2	L2
B02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
B03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
B04SC3	€ 9,40	ø4 mm	13 mm	3 mm	41 mm
B04SC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
B06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
B08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
B10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
B12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
B16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

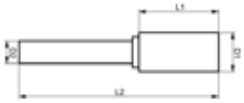
BXAL

ROTARY BURRS FOR ALUMINIUM







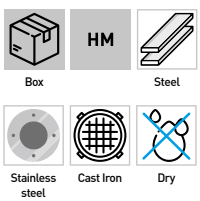


Art.	€	D1	L1	D2	L2
B06AL6	€ 14,40	ø6 mm	16 mm	6 mm	61 mm
B08AL6	€ 16,40	ø8 mm	20 mm	6 mm	65 mm
B10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
B12AL6	€ 28,70	ø12 mm	25 mm	6 mm	70 mm

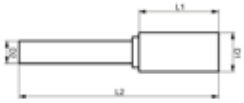
BXDCXL

CARBIDE ROTARY BURRS









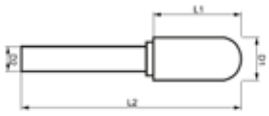
Art.	€	D1	L1	D2	L2
B02DC3L	€ 5,80	ø2 mm	10 mm	3 mm	65 mm
B03DC3L	€ 5,80	ø3 mm	13 mm	3 mm	65 mm
B08DC6L	€ 17,80	ø8 mm	20 mm	6 mm	120 mm
B10DC6L	€ 22,30	ø10 mm	20 mm	6 mm	120 mm
B12DC6L	€ 27,20	ø12 mm	25 mm	6 mm	120 mm

CXSC

SINGLE CUT ROTARY BURRS



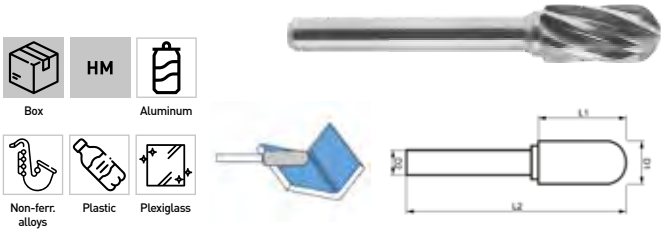




Art.	€	D1	L1	D2	L2
C02SC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
C03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
C04SC3	€ 9,40	ø4 mm	13 mm	3 mm	58 mm
C04SC6	€ 9,90	ø4 mm	13 mm	6 mm	58 mm
C06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
C08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
C10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
C12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
C16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

CXAL

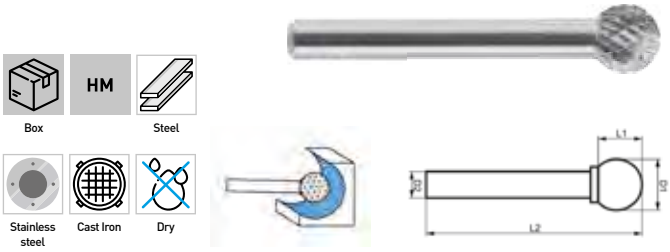
ROTARY BURRS FOR ALUMINIUM



Art.	€	D1	L1	D2	L2
C06AL6	€ 13,90	ø6 mm	16 mm	6 mm	61 mm
C08AL6	€ 16,40	ø8 mm	20 mm	6 mm	65 mm
C10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
C12AL6	€ 28,70	ø12 mm	25 mm	6 mm	70 mm

DXDC

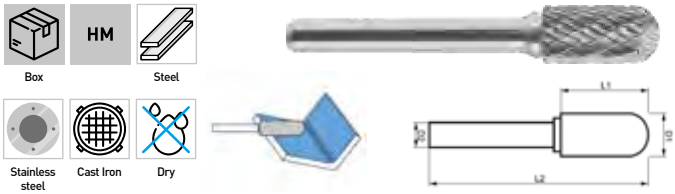
DIAMOND CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
D03DC3	€ 4,45	ø3 mm	2.7 mm	3 mm	38 mm
D04DC6	€ 9,90	ø4 mm	3.6 mm	6 mm	38 mm
D06DC6	€ 9,90	ø6 mm	5.4 mm	6 mm	50 mm
D08DC6	€ 10,90	ø8 mm	7.2 mm	6 mm	52 mm
D10DC6	€ 14,40	ø10 mm	9 mm	6 mm	54 mm
D12DC6	€ 20,30	ø12 mm	10.8 mm	6 mm	56 mm
D16DC6	€ 27,70	ø16 mm	14.4 mm	6 mm	60 mm
D19DC6	€ 57,40	ø19 mm	17.4 mm	6 mm	64 mm

CXDC

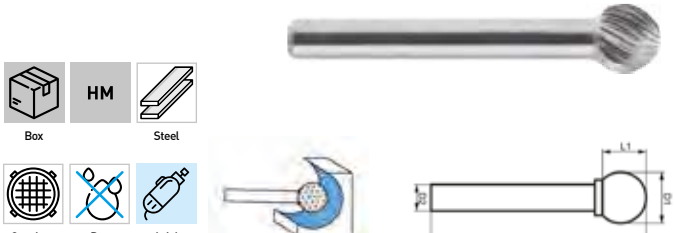
DIAMOND CUT ROTARY BURRS



Art.	€	D1	L1	D2	L2
C02DC3	€ 4,45	ø2 mm	10 mm	3 mm	38 mm
C03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
C04DC3	€ 9,40	ø4 mm	13 mm	3 mm	38 mm
C04DC6	€ 9,90	ø4 mm	13 mm	6 mm	38 mm
C06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
C08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
C10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
C12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
C16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
C19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm
C22DC6	€ 88,10	ø22 mm	25 mm	6 mm	70 mm
C25DC6	€ 102,00	ø25 mm	25 mm	6 mm	70 mm

DXSC

SINGLE CUT ROTARY BURRS

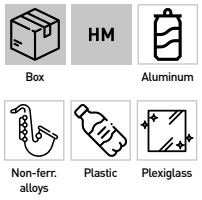


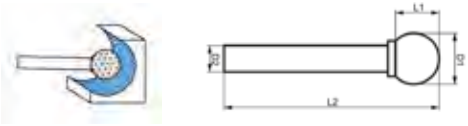
Art.	€	D1	L1	D2	L2
D03SC3	€ 4,45	ø3 mm	2.7 mm	3 mm	38 mm
D04SC6	€ 9,90	ø4 mm	3.6 mm	6 mm	38 mm
D06SC6	€ 9,90	ø6 mm	5.4 mm	6 mm	50 mm
D08SC6	€ 10,90	ø8 mm	7.2 mm	6 mm	52 mm
D10SC6	€ 14,40	ø10 mm	9 mm	6 mm	54 mm
D12SC6	€ 20,30	ø12 mm	10.8 mm	6 mm	56 mm
D16SC6	€ 27,70	ø16 mm	14.4 mm	6 mm	60 mm

DXAL

ROTARY BURRS FOR ALUMINIUM







Art.	€	D1	L1	D2	L2
D06AL6	€ 11,40	ø6 mm	5.4 mm	6 mm	50 mm
D08AL6	€ 11,90	ø8 mm	7.2 mm	6 mm	52 mm
D10AL6	€ 16,90	ø10 mm	9 mm	6 mm	54 mm

EXSC
SINGLE CUT ROTARY BURRS



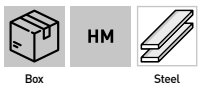


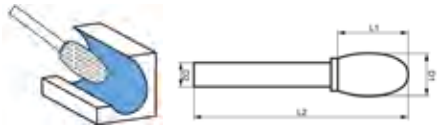


Art.	€	D1	L1	D2	L2
E08SC6	€ 13,90	ø8 mm	13 mm	6 mm	58 mm
E10SC6	€ 17,30	ø10 mm	16 mm	6 mm	61 mm
E12SC6	€ 25,30	ø12 mm	20 mm	6 mm	65 mm
E16SC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

EXDC
DIAMOND CUT ROTARY BURRS





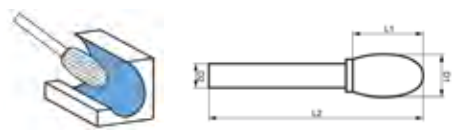


Art.	€	D1	L1	D2	L2
E08DC6	€ 13,90	ø8 mm	13 mm	6 mm	58 mm
E10DC6	€ 17,30	ø10 mm	16 mm	6 mm	61 mm
E12DC6	€ 25,30	ø12 mm	20 mm	6 mm	65 mm
E16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

EXAL
ROTARY BURRS FOR ALUMINIUM



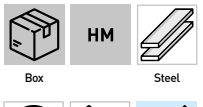




Art.	€	D1	L1	D2	L2
E10AL6	€ 19,80	10 mm	16 mm	6 mm	61 mm
E12AL6	€ 29,20	12 mm	20 mm	6 mm	65 mm

FXSC
SINGLE CUT ROTARY BURRS







Art.	€	D1	D2	L1	L2
F03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
F06SC6	€ 12,40	ø6 mm	18 mm	6 mm	63 mm
F08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
F10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
F12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

FXDC
DIAMOND CUT ROTARY BURRS



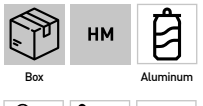




Art.	€	D1	D2	L1	L2
F03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
F06DC6	€ 12,40	ø6 mm	18 mm	6 mm	63 mm
F08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
F10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
F12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
F16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
F19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm

FXAL
ROTARY BURRS FOR ALUMINIUM







Art.	€	D1	L1	D2	L2
F10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
F12AL6	€ 29,20	ø12 mm	25 mm	6 mm	70 mm

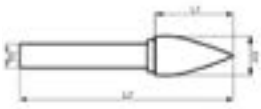
GXSC
SINGLE CUT ROTARY BURRS



Box | HM | Steel

Cast Iron | Dry | Axial grinder





Art.	€	D1	L1	D2	L2
G03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
G06SC6	€ 12,40	ø6 mm	18 mm	6 mm	65 mm
G10SC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
G12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

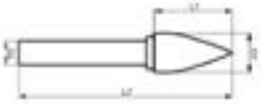
GXDC
DIAMOND CUT ROTARY BURRS



Box | HM | Steel

Stainless steel | Cast Iron | Dry





Art.	€	D1	L1	D2	L2
G03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
G06DC6	€ 12,40	ø6 mm	18 mm	6 mm	65 mm
G10DC6	€ 17,30	ø10 mm	20 mm	6 mm	65 mm
G12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
G16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm
G19DC6	€ 57,40	ø19 mm	25 mm	6 mm	70 mm

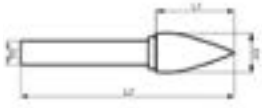
GXAL
ROTARY BURRS FOR ALUMINIUM



Box | HM | Aluminum

Non-ferr. alloys | Plastic | Plexiglass





Art.	€	D1	L1	D2	L2
G10AL6	€ 19,80	ø10 mm	20 mm	6 mm	65 mm
G12AL6	€ 29,20	ø12 mm	25 mm	6 mm	70 mm

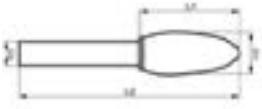
HXSC
SINGLE CUT ROTARY BURRS



Box | HM | Steel

Cast Iron | Dry | Axial grinder





Art.	€	D1	L1	D2	L2
H08SC6	€ 13,40	ø8 mm	20 mm	6 mm	65 mm
H10SC6	€ 15,30	ø10 mm	25 mm	6 mm	70 mm
H12SC6	€ 28,70	ø12 mm	32 mm	6 mm	77 mm

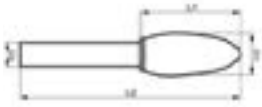
HXDC
DIAMOND CUT ROTARY BURRS



Box | HM | Steel

Stainless steel | Cast Iron | Dry





Art.	€	D1	D2	L1	L2
H06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
H08DC6	€ 13,40	ø8 mm	20 mm	6 mm	65 mm
H10DC6	€ 15,30	ø10 mm	25 mm	6 mm	70 mm
H12DC6	€ 28,70	ø12 mm	32 mm	6 mm	77 mm

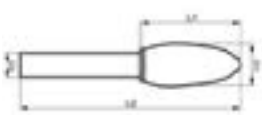
HXAL
ROTARY BURRS FOR ALUMINIUM



Box | HM | Aluminum

Non-ferr. alloys | Plastic | Plexiglass



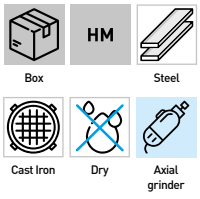


Art.	€	D1	D2	L1	L2
H08AL6	€ 15,30	ø8 mm	20 mm	6 mm	65 mm
H10AL6	€ 19,80	ø10 mm	25 mm	6 mm	70 mm
H12AL6	€ 33,60	ø12 mm	32 mm	6 mm	77 mm

LXSC

SINGLE CUT ROTARY BURRS





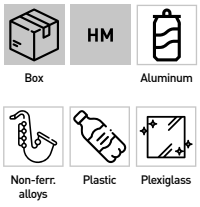


Art.	€	D1	L1	D2	L2
L03SC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
L06SC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm

L10AL6 € 19,80

ROTARY BURRS FOR ALUMINIUM





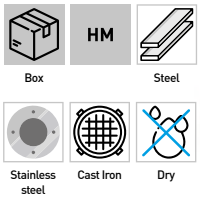


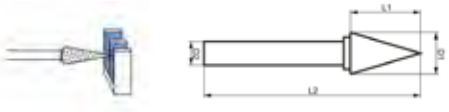
D1	ø10 mm
L1	25 mm
D2	6 mm
L2	70 mm

MXDC

DIAMOND CUT ROTARY BURRS





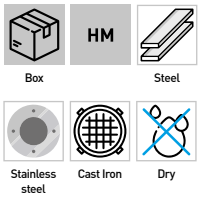


Art.	€	D1	L1	D2	L2
M03DC3	€ 4,45	ø3 mm	11 mm	3 mm	38 mm
M03DC6	€ 8,30	ø3 mm	11 mm	6 mm	38 mm
M06DC6	€ 12,40	ø6 mm	18 mm	6 mm	60 mm
M08DC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
M10DC6	€ 17,80	ø10 mm	20 mm	6 mm	65 mm
M12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm
M16DC6	€ 39,50	ø16 mm	25 mm	6 mm	70 mm

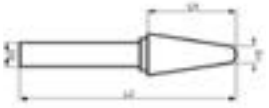
LXDC

DIAMOND CUT ROTARY BURRS







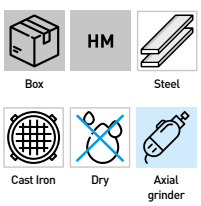


Art.	€	D1	L1	D2	L2
L03DC3	€ 4,45	ø3 mm	13 mm	3 mm	38 mm
L06DC6	€ 12,40	ø6 mm	16 mm	6 mm	61 mm
L08DC6	€ 14,80	ø8 mm	22 mm	6 mm	65 mm
L10DC6	€ 18,80	ø10 mm	25 mm	6 mm	70 mm
L12DC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

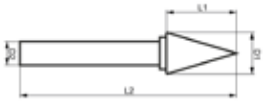
MXSC

SINGLE CUT ROTARY BURRS







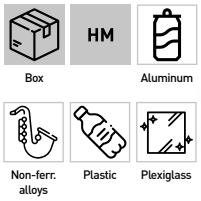


Art.	€	D1	L1	D2	L2
M08SC6	€ 13,90	ø8 mm	20 mm	6 mm	65 mm
M10SC6	€ 17,80	ø10 mm	20 mm	6 mm	65 mm
M12SC6	€ 25,30	ø12 mm	25 mm	6 mm	70 mm

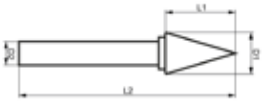
M10AL6 € 18,80

ROTARY BURRS FOR ALUMINIUM









D1	ø10 mm
L1	20 mm
D2	6 mm
L2	65 mm

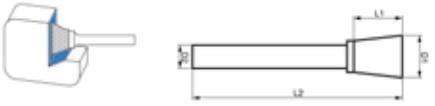
NXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
N12SC6	€ 25,30	ø12 mm	13 mm	6 mm	58 mm
N16SC6	€ 35,60	ø16 mm	16 mm	6 mm	58 mm

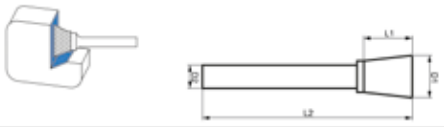
N12DC6 € 25,30

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



D1	ø12 mm
L1	13 mm
D2	6 mm
L2	58 mm

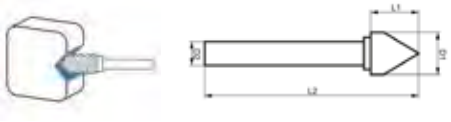
JXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
J03SC3	€ 4,45	ø3 mm	2.5 mm	3 mm	38 mm
J06SC6	€ 12,40	ø6 mm	5.2 mm	6 mm	54 mm
J10SC6	€ 17,30	ø10 mm	8 mm	6 mm	58 mm
J16SC6	€ 39,50	ø16 mm	13 mm	6 mm	62 mm

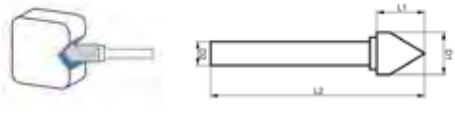
JXDC

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



Art.	€	D1	L1	D2	L2
J03DC3	€ 4,45	ø3 mm	2.5 mm	3 mm	38 mm
J06DC6	€ 12,40	ø6 mm	5.2 mm	6 mm	54 mm
J10DC6	€ 17,30	ø10 mm	8 mm	6 mm	58 mm
J16DC6	€ 39,50	ø16 mm	13 mm	6 mm	62 mm

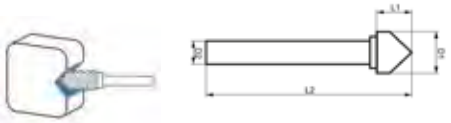
KXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	€	D1	L1	D2	L2
K10SC6	€ 17,30	ø10 mm	5 mm	6 mm	54 mm
K16SC6	€ 35,60	ø16 mm	8 mm	6 mm	58 mm

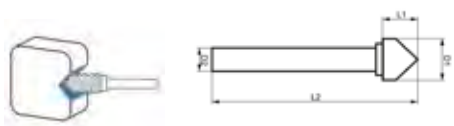
KXDC

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



Art.	€	D1	L1	D2	L2
K10DC6	€ 17,30	ø10 mm	5 mm	6 mm	54 mm
K16DC6	€ 35,60	ø16 mm	8 mm	6 mm	58 mm

F008DC — € 64,30

HARD METAL ROTARY BURR SET

With diamond cut.



5 Pcs | Box | HM | Steel | Stainless steel | Cast Iron

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008SC — € 64,30

HARD METAL ROTARY BURR SET

With single cut.



5 Pcs | Box | HM | Steel | Cast Iron | Dry

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008-

CARBIDE ROTARY FILE SET

Cross cut



Box | HM | Steel | Stainless steel | Cast Iron

Art.	€	Stem
F008/3	**€ 60,00**	Ø 3 mm
F008/6	**€ 102,00**	Ø 6 mm

C003-

DISC TYPE GEAR SHAPER CUTTER

DIN 1829, nominal ø 100 mm hole 44,45 mm 20° angle pressure class a.



Box | HSS | TiN | External | Steel | Aluminum | Non-ferr. alloys | Oil

Art.	€	Module	ø max	ø d0	Height b1	Teeth
C003/1	€ 328,00	1,00	102 mm	100 mm	16 mm	100
C003/1.25	€ 328,00	1,25	105 mm	100 mm	16 mm	80
C003/1.50	€ 356,00	1,50	107 mm	102 mm	18 mm	68
C003/1.75	€ 385,00	1,75	107,4 mm	101,5 mm	20 mm	58
C003/2	€ 385,00	2,00	107,31 mm	100 mm	20 mm	50
C003/2.25	€ 385,00	2,25	109,29 mm	101,25 mm	20 mm	45
C003/2.50	€ 440,00	2,50	108,46 mm	100 mm	20 mm	40
C003/2.75	€ 440,00	2,75	108,36 mm	99 mm	24 mm	36
C003/3	€ 440,00	3,00	111,82 mm	99 mm	24 mm	33
C003/3.25	€ 483,00	3,25	110,99 mm	99 mm	24 mm	31
C003/3.50	€ 483,00	3,50	108,72 mm	101,5 mm	24 mm	29
C003/3.75	€ 483,00	3,75	112,35 mm	101,5 mm	24 mm	27
C003/4	€ 483,00	4,00	111,75 mm	100 mm	24 mm	25
C003/4.25	€ 514,00	4,25	114,12 mm	102 mm	24 mm	24
C003/4.50	€ 514,00	4,50	111,65 mm	99 mm	24 mm	22
C003/5	€ 524,00	5,00	114,05 mm	100 mm	24 mm	20
C003/5.50	€ 556,00	5,50	119,96 mm	99 mm	24 mm	18
C003/6	€ 556,00	6,00	118,86 mm	102 mm	24 mm	17
C003/6.50	€ 697,00	6,50	122,5 mm	112 mm	24 mm	16
C003/7	€ 811,00	7,00	127 mm	105 mm	24 mm	15
C003/8	€ 911,00	8,00	135 mm	112 mm	24 mm	14
C003/10	€ 1250,00	10,00	168 mm	140 mm	24 mm	14

C001-

GEAR HOB 20° PRESSURE ANGLE

DIN 8002/B, ground profile class a.



Box | HSS | TiN | External | Steel | Aluminum | Non-ferr. alloys | Oil | Mill

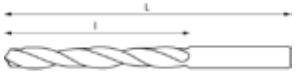
Art.	€	Module	Diameter ø	Length	Hole
C001/1	€ 362,00	1,00	50 mm	31 mm	22 mm
C001/1.25	€ 362,00	1,25	50 mm	31 mm	22 mm
C001/1.50	€ 362,00	1,50	53 mm	50 mm	22 mm
C001/1.75	€ 362,00	1,75	56 mm	38 mm	22 mm
C001/2	€ 373,00	2,00	63 mm	46 mm	27 mm
C001/2.25	€ 431,00	2,25	70 mm	56 mm	27 mm
C001/2.50	€ 431,00	2,50	71 mm	63 mm	27 mm
C001/2.75	€ 431,00	2,75	70 mm	56 mm	27 mm
C001/3	€ 524,00	3,00	80 mm	71 mm	32 mm
C001/3.25	€ 611,00	3,25	80 mm	69 mm	32 mm
C001/3.50	€ 636,00	3,50	80 mm	71 mm	32 mm
C001/3.75	€ 729,00	3,75	90 mm	78 mm	32 mm
C001/4	€ 729,00	4,00	90 mm	78 mm	32 mm
C001/4.25	€ 794,00	4,25	90 mm	78 mm	32 mm
C001/4.50	€ 794,00	4,50	90 mm	78 mm	32 mm
C001/5	€ 794,00	5,00	100 mm	88 mm	32 mm
C001/5.50	€ 794,00	5,50	100 mm	88 mm	32 mm
C001/6	€ 1050,00	6,00	110 mm	108 mm	40 mm
C001/6.50	€ 1110,00	6,50	110 mm	109 mm	40 mm
C001/7	€ 1110,00	7,00	110 mm	110 mm	40 mm
C001/8	€ 1750,00	8,00	125 mm	130 mm	40 mm
C001/9	€ 1990,00	9,00	125 mm	140 mm	40 mm
C001/10	€ 2690,00	10,00	140 mm	160 mm	40 mm
C001/12	€ 3860,00	12,00	170 mm	195 mm	50 mm
C001/13	€ 4060,00	13,00	180 mm	210 mm	50 mm

P049-

MASONRY DRILL

DIN 8039, short series, cylindrical attachment, carbide tipped for masonry drill





Box | C45

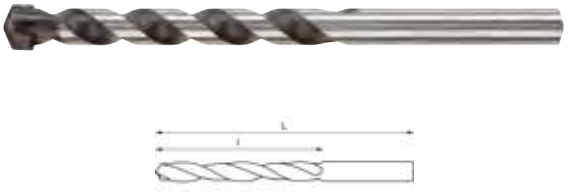
HM | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P049/03	€ 0,41	3 mm	70 mm	40 mm	ø 2,5 mm	10
P049/04	€ 0,43	4 mm	75 mm	40 mm	ø 3,5 mm	10
P049/05	€ 0,47	5 mm	85 mm	40 mm	ø 4,5 mm	10
P049/06	€ 0,53	6 mm	100 mm	55 mm	ø 4,5 mm	10
P049/07	€ 0,76	7 mm	100 mm	55 mm	ø 6,5 mm	10
P049/08	€ 0,83	8 mm	120 mm	70 mm	ø 6,5 mm	10
P049/09	€ 0,97	9 mm	120 mm	70 mm	ø 6,5 mm	10
P049/10	€ 1,10	10 mm	120 mm	70 mm	ø 7 mm	10
P049/11	€ 1,85	11 mm	150 mm	90 mm	ø 7 mm	10
P049/12	€ 1,87	12 mm	150 mm	90 mm	ø 9 mm	10
P049/13	€ 2,11	13 mm	150 mm	90 mm	ø 9 mm	5
P049/14	€ 2,38	14 mm	150 mm	90 mm	ø 11 mm	5
P049/15	€ 3,08	15 mm	150 mm	90 mm	ø 12 mm	5
P049/16	€ 3,11	16 mm	150 mm	90 mm	ø 12 mm	5
P049/18	€ 5,60	18 mm	160 mm	100 mm	ø 13 mm	5
P049/22	€ 8,00	22 mm	160 mm	100 mm	ø 13 mm	5
P049/24	€ 9,50	24 mm	160 mm	100 mm	ø 13 mm	5

P051-

CARBIDE DRILL FOR GRANITE AND MARBLE

DIN 8039, cylindrical attachment, specific for drilling marble and granite with hard metal insert for rotary percussion



Box | C45 | HM | Granite | Marble | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P051/03	€ 2,74	3 mm	70 mm	40 mm	ø 2,5 mm	10
P051/04	€ 2,77	4 mm	75 mm	40 mm	ø 3,5 mm	10
P051/05	€ 3,09	5 mm	85 mm	40 mm	ø 4,5 mm	10
P051/06	€ 3,39	6 mm	100 mm	55 mm	ø 5,5 mm	10
P051/07	€ 3,39	7 mm	100 mm	55 mm	ø 5,5 mm	10
P051/08	€ 3,80	8 mm	120 mm	70 mm	ø 6,5 mm	5
P051/09	€ 4,05	9 mm	120 mm	70 mm	ø 8 mm	5
P051/10	€ 4,72	10 mm	120 mm	70 mm	ø 9 mm	5
P051/12	€ 5,50	12 mm	150 mm	90 mm	ø 10 mm	5
P051/14	€ 7,00	14 mm	150 mm	90 mm	ø 12 mm	5
P051/16	€ 7,90	16 mm	150 mm	90 mm	ø 12 mm	5

P050-

MASONRY DRILL

DIN 8039, long series, cylindrical attachment, carbide tipped for masonry drill





Box | C45

HM | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	ø	L	l	Stem	Pack
P050/06	€ 1,99	6 mm	400 mm	240 mm	ø 4,5 mm	5
P050/08	€ 2,32	8 mm	400 mm	240 mm	ø 7 mm	5
P050/09	€ 2,84	9 mm	400 mm	240 mm	ø 7 mm	5
P050/10	€ 3,39	10 mm	400 mm	240 mm	ø 7 mm	5
P050/12	€ 4,72	12 mm	400 mm	240 mm	ø 9 mm	5
P050/14	€ 5,70	14 mm	400 mm	240 mm	ø 10 mm	5
P050/16	€ 6,40	16 mm	400 mm	240 mm	ø 12 mm	5
P050/18	€ 7,80	18 mm	400 mm	240 mm	ø 12,5 mm	5
P050/20	€ 9,90	20 mm	400 mm	240 mm	ø 12,5 mm	5

P063-

CARBIDE TIPPED SDS PLUS SHANK TYPE HAMMER TWIST DRILL

2 edges, with attack sds plus, double helix to facilitate the release of debris, with hard metal insert



Hangable | HM | 40 Cr

SDS PLUS | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	€	Size	Pack
P063/5110	€ 3,17	5 x 110 mm	10
P063/6110	€ 3,17	6 x 110 mm	10
P063/6160	€ 3,17	6 x 160 mm	10
P063/8110	€ 3,17	8 x 110 mm	10
P063/8160	€ 3,17	8 x 160 mm	10
P063/9160	€ 3,17	9 x 160 mm	10
P063/10160	€ 3,81	10 x 160 mm	10
P063/12160	€ 3,81	12 x 160 mm	10
P063/12300	€ 4,43	12 x 300 mm	10
P063/14160	€ 4,43	14 x 160 mm	10
P063/14300	€ 4,43	14 x 300 mm	10
P063/15160	€ 5,10	15 x 160 mm	10
P063/16160	€ 5,10	16 x 160 mm	10
P063/16300	€ 5,10	16 x 300 mm	10
P063/16450	€ 9,50	16 x 450 mm	5
P063/18160	€ 7,00	18 x 160 mm	5
P063/18300	€ 7,00	18 x 300 mm	5
P063/18450	€ 10,40	18 x 450 mm	5
P063/20160	€ 7,00	20 x 160 mm	5
P063/20450	€ 10,40	20 x 450 mm	5
P063/22450	€ 12,30	22 x 450 mm	5
P063/24450	€ 13,90	24 x 450 mm	5

0332 — € 33,90

CARBIDE TIPPED HAMMER TWIST DRILL AND CHISEL SET

With attack sds plus, consisting of 9 twist drills: Ø4 x 110mm Ø5 x 110mm Ø6 x 110mm Ø5 x 160mm Ø6 x 160mm Ø8 x 160mm Ø9 x 160mm Ø10 x 160mm Ø12 x 160mm, 1 bit holder, 1 flat chisel and 1 point chisel.

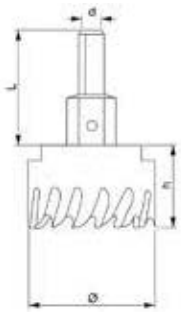


12 Pcs | Carrying case | C45 | HM | SDS PLUS | Bricks | Concrete | Stones | Percussion

P076-

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW

For drilling medium and large holes in the wall





Hangable | HSS | HM | Bricks | Concrete | Ceramic | No Percussion | Portable Drill

Art.	€	ø	d	Thread	Z	L	Boring bit
P076/016	€ 14,40	16 mm	10 mm	M12 x 1.25	2	46 mm	ø6 x 69 mm
P076/022	€ 15,40	22 mm	10 mm	M12 x 1.25	3	46 mm	ø6 x 69 mm
P076/025	€ 19,50	25 mm	10 mm	M12 x 1.25	3	46 mm	ø6 x 69 mm
P076/027	€ 20,60	27 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/030	€ 21,60	30 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/035	€ 22,10	35 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/038	€ 24,60	38 mm	10 mm	M12 x 1.25	4	46 mm	ø6 x 69 mm
P076/040	€ 27,20	40 mm	10 mm	M12 x 1.25	5	46 mm	ø6 x 69 mm
P076/045	€ 29,30	45 mm	10 mm	M12 x 1.25	5	46 mm	ø6 x 69 mm
P076/050	€ 30,80	50 mm	10 mm	M12 x 1.25	6	46 mm	ø6 x 69 mm
P076/055	€ 34,90	55 mm	12 mm	M16 x 1.5	6	46 mm	ø8 x 69 mm
P076/060	€ 37,00	60 mm	12 mm	M16 x 1.5	7	46 mm	ø8 x 69 mm
P076/065	€ 41,00	65 mm	12 mm	M16 x 1.5	7	46 mm	ø8 x 69 mm
P076/070	€ 51,40	70 mm	12 mm	M16 x 1.5	8	46 mm	ø8 x 69 mm
P076/080	€ 58,50	80 mm	12 mm	M16 x 1.5	8	46 mm	ø8 x 69 mm
P076/085	€ 66,30	85 mm	12 mm	M16 x 1.5	9	46 mm	ø8 x 69 mm
P076/090	€ 77,00	90 mm	12 mm	M16 x 1.5	9	46 mm	ø8 x 69 mm
P076/095	€ 78,00	95 mm	12 mm	M16 x 1.5	10	46 mm	ø8 x 69 mm
P076/100	€ 83,70	100 mm	12 mm	M16 x 1.5	11	46 mm	ø8 x 69 mm
P076/110	€ 98,60	110 mm	12 mm	M16 x 1.5	11	46 mm	ø8 x 69 mm
P076/125	€ 109,00	125 mm	12 mm	M16 x 1.5	12	46 mm	ø8 x 69 mm
P076/150	€ 139,00	150 mm	12 mm	M16 x 1.5	15	46 mm	ø8 x 69 mm

P076/006S — € 138,00

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW SET

For drilling medium and large holes in the wall



6 Pcs | Carrying case | HSS | HM

Sizes 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm

P076/008S — € 203,00

CARBIDE TIPPED MASONRY CORE DRILL BIT HOLE SAW SET

For drilling medium and large holes in the wall



8 Pcs | Carrying case | HSS | HM

Sizes 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm - 40 mm - 45 mm

P076-GX

ARBOR FOR CARBIDE TIPPED MASONRY CORE DRILLS BIT HOLE SAW

For item P076-



Hangable

Art.	€	d	L	Thread	Sizes
P076/G12	€ 3,60	10 mm	46 mm	M12 x 1.25	16-50
P076/G16	€ 4,82	12 mm	46 mm	M16 x 1.5	55-150

P076-GX400

LONG ARBOR FOR HOLE CUTTERS FOR MASONRY

For item P076-



Hangable

Art.	€	d	L	Thread	Sizes
P076/G12400	€ 20,60	10 mm	400 mm	M12 x 1.25	16-50
P076/G16400	€ 30,30	12 mm	400 mm	M16 x 1.5	55-150

P076-PX

CARBIDE TIPPED PILOT DRILL FOR HOLE CUTTERS FOR MASONRY

For item P076-



Box | HSS | HM

Art.	€	ø	Total length	Sizes	Pack
P076/P12	€ 1,54	6 mm	69 mm	16-50	10
P076/P16	€ 2,06	8 mm	69 mm	55-150	10

P031-

DIAMOND DRILL BITS AND CORE DRILLS WITH CONTINUOUS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle







Hangable | Ceramic | Granite | Marble | Stoneware | No Percussion | Water | Portable Drill

Art.	€	Size	Hex drive	Total length	Diamond height	Grit
P031/05	€ 15,40	Ø 5 mm	8.5 mm	56 mm	2 mm	50/60
P031/06	€ 15,90	Ø 6 mm	8.5 mm	56 mm	2 mm	50/60
P031/07	€ 17,00	Ø 7 mm	8.5 mm	56 mm	2 mm	50/60
P031/08	€ 18,00	Ø 8 mm	8.5 mm	56 mm	2 mm	50/60
P031/10	€ 20,60	Ø 10 mm	8.5 mm	56 mm	2 mm	50/60
P031/12	€ 21,60	Ø 12 mm	8.5 mm	56 mm	2 mm	50/60
P031/14	€ 24,60	Ø 14 mm	8.5 mm	56 mm	2 mm	50/60
P031/16	€ 29,80	Ø 16 mm	11 mm	90 mm	5 mm	35/40
P031/18	€ 30,80	Ø 18 mm	11 mm	90 mm	5 mm	35/40
P031/20	€ 34,90	Ø 20 mm	11 mm	90 mm	5 mm	35/40
P031/22	€ 38,00	Ø 22 mm	11 mm	90 mm	5 mm	35/40
P031/25	€ 43,10	Ø 25 mm	11 mm	90 mm	5 mm	35/40
P031/28	€ 46,20	Ø 28 mm	11 mm	90 mm	5 mm	35/40
P031/30	€ 51,40	Ø 30 mm	11 mm	90 mm	5 mm	35/40
P031/32	€ 55,40	Ø 32 mm	11 mm	90 mm	5 mm	35/40
P031/35	€ 59,50	Ø 35 mm	11 mm	90 mm	5 mm	35/40
P031/40	€ 67,80	Ø 40 mm	11 mm	90 mm	5 mm	35/40
P031/45	€ 76,00	Ø 45 mm	11 mm	90 mm	5 mm	35/40
P031/50	€ 85,30	Ø 50 mm	11 mm	90 mm	5 mm	35/40
P031/60	€ 106,00	Ø 60 mm	11 mm	90 mm	5 mm	35/40
P031/65	€ 115,00	Ø 65 mm	11 mm	90 mm	5 mm	35/40
P031/67	€ 124,00	Ø 67 mm	11 mm	90 mm	5 mm	35/40
P031/70	€ 136,00	Ø 70 mm	11 mm	90 mm	5 mm	35/40
P031/80	€ 156,00	Ø 80 mm	11 mm	90 mm	5 mm	35/40

P031/06P — € 2,82

PILOT TIP

For item P031-Xl



Hangable | HSS | HM

Diameter	ø 6 mm
Length	100 mm
Stem	ø 5 mm
Pack	10

P031/03S — € 51,40

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



3 Pcs | Hangable

Sizes	Ø 6 mm - 8 mm - 10 mm
Hex drive	9.5 mm
Total length	56 mm
Diamond height	2 mm
Grit	50/60

P031/05S — € 82,20

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



5 Pcs | Hangable

Sizes	Ø 5 mm - 6 mm - 8 mm - 10 mm - 12 mm
Hex drive	8.5 mm
Total length	56 mm
Diamond height	2 mm
Grit	50/60

P031/06S — € 246,00

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



6 Pcs | Hangable

Sizes	Ø 16 mm - 22 mm - 25 mm - 28 mm - 30 mm - 35 mm
Hex drive	11 mm
Total length	90 mm
Diamond height	5 mm
Grit	50/60

P033-

DIAMOND DRILL BITS WITH CONTINUOS EDGE

Optimal operation on vertical walls, do not remove the core, which acts as a measuring cap for the coolant. Use with water cooling extends the useful life of the tool. The thin-walled diamond ring guarantees burr-free cuts. This feature facilitates drilling work on hard tiles in place, where it is necessary to make a clean hole





Art.	€	Size	Hex drive	Total length	Diamond height	Grit
P033/05	€ 25,60	Ø 5 mm	9.5 mm	80 mm	10 mm	40
P033/06	€ 25,60	Ø 6 mm	9.5 mm	80 mm	10 mm	40
P033/08	€ 25,60	Ø 8 mm	9.5 mm	80 mm	10 mm	40
P033/10	€ 27,70	Ø 10 mm	9.5 mm	80 mm	10 mm	40
P033/12	€ 30,80	Ø 12 mm	9.5 mm	80 mm	10 mm	40
P033/14	€ 32,90	Ø 14 mm	12.5 mm	80 mm	10 mm	40
P033/16	€ 38,00	Ø 16 mm	12.5 mm	80 mm	10 mm	40
P033/18	€ 43,10	Ø 18 mm	12.5 mm	80 mm	10 mm	40
P033/20	€ 48,30	Ø 20 mm	12.5 mm	80 mm	10 mm	40
P033/22	€ 52,40	Ø 22 mm	12.5 mm	80 mm	10 mm	40
P033/25	€ 59,50	Ø 25 mm	12.5 mm	80 mm	10 mm	40

P033/03S — € 71,80

DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

Optimal operation on vertical walls, do not remove the core, which acts as a measuring cap for the coolant. Use with water cooling extends the useful life of the tool. The thin-walled diamond ring guarantees burr-free cuts. This feature facilitates drilling work on hard tiles in place, where it is necessary to make a clean hole





Sizes	Ø 6 mm - 8 mm - 10 mm
Hex drive	9.5 mm
Total length	80 mm
Diamond height	10 mm
Grit	40

P034/05S — € 154,00

M14 DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Sizes	Ø 6 mm - 8 mm -10 mm-12 mm - 14 mm
Total length	62 mm
Diamond height	10 mm
Grit	30/50

P034-

M14 DIAMOND DRILL BITS AND CORE DRILLS WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Art.	€	Size	Total length	Diamond height	Grit
P034/006	€ 30,30	Ø 6 mm	62 mm	10 mm	30/50
P034/008	€ 30,80	Ø 8 mm	62 mm	10 mm	30/50
P034/010	€ 30,80	Ø 10 mm	62 mm	10 mm	30/50
P034/012	€ 32,90	Ø 12 mm	62 mm	10 mm	30/50
P034/014	€ 36,00	Ø 14 mm	62 mm	10 mm	30/50
P034/016	€ 36,50	Ø 16 mm	62 mm	15 mm	30/50
P034/018	€ 37,00	Ø 18 mm	62 mm	15 mm	30/50
P034/020	€ 37,50	Ø 20 mm	60 mm	15 mm	30/50
P034/022	€ 38,00	Ø 22 mm	60 mm	15 mm	30/50
P034/025	€ 38,60	Ø 25 mm	60 mm	15 mm	30/50
P034/028	€ 42,10	Ø 28 mm	60 mm	15 mm	30/50
P034/030	€ 45,20	Ø 30 mm	60 mm	15 mm	30/50
P034/032	€ 48,30	Ø 32 mm	60 mm	15 mm	30/50
P034/035	€ 52,40	Ø 35 mm	60 mm	15 mm	30/50
P034/040	€ 60,60	Ø 40 mm	60 mm	15 mm	30/50
P034/045	€ 67,80	Ø 45 mm	60 mm	15 mm	30/50
P034/050	€ 72,90	Ø 50 mm	60 mm	15 mm	30/50
P034/055	€ 82,20	Ø 55 mm	60 mm	15 mm	30/50
P034/060	€ 90,30	Ø 60 mm	60 mm	15 mm	30/50
P034/065	€ 97,60	Ø 65 mm	60 mm	15 mm	30/50
P034/067	€ 101,00	Ø 67 mm	60 mm	15 mm	30/50
P034/070	€ 106,00	Ø 70 mm	60 mm	15 mm	30/50
P034/080	€ 120,00	Ø 80 mm	60 mm	15 mm	30/50
P034/090	€ 132,00	Ø 90 mm	60 mm	15 mm	30/50
P034/100	€ 163,00	Ø 100 mm	60 mm	15 mm	30/50

P034/06S — € 383,00

M14 DIAMOND DRILL BIT AND CORE DRILL WITH CONTINUOS EDGE SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. Longer useful life cycle.





Sizes	Ø 22 mm - 35 mm - 40 mm - 45 mm - 50 mm - 67 mm
Total length	60 mm
Diamond height	15 mm
Grit	30/50

P035-

DIAMOND DRILL BITS WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle





Hangable | Ceramic | Granite | Marble | Stoneware | No Percussion | Water | Portable Drill

Art.	€	Size	Stem	Total length	Diamond height	Grit
P035/05	€ 8,30	Ø 5 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/06	€ 8,30	Ø 6 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/08	€ 8,30	Ø 8 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/10	€ 8,30	Ø 10 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/12	€ 9,20	Ø 12 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/14	€ 10,20	Ø 14 mm	Ø 6 mm	65 mm	5 mm	60/80

P035/04S € 30,80

DIAMOND DRILL BIT SET WITH CONTINUOS EDGE

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



4 Pcs | Hangable

Sizes	Ø 5 mm - 6 mm - 8 mm - 10 mm
Stem	Ø 6 mm
Total length	65 mm
Diamond height	5 mm
Grit	60/80

0529 € 39,10

DIAMOND CORE DRILL BIT SET

The thin-wall diamond core guarantees burr-free cuts. This feature facilitates drilling work on hard laid tiles, where it is necessary to make a clean hole, without chipping the tile. longer useful life cycle



6 Pcs | Hangable | 1/4"

Drills	Ø 5 - 6 - 8 - 10 - 12 mm
Total length	60 mm
Cut length	30 mm
Diamond height	3 mm
Grit	70/80

D009/5-12 € 28,70

DRILL SUCTION CUP WITH GUIDING HOLES

Allows easy centering and cutting safety of the diamond tip in the various workable materials. To be used in conjunction with a nebulizer for water processing



Box

Holes	4 mm - 5 mm - 6 mm - 7 mm - 8 mm - 10 mm - 12 mm

D009/5-85 € 43,10

DRILL SUCTION CUP WITH ADJUSTABLE HOLE FRAME

Allows easy centering and cutting safety of the diamond tip in the various workable materials. To be used in conjunction with a nebulizer for water processing



Box

Holes	5 - 85 mm

D020 € 26,30

DIAMOND MOUNTED POINT SET

Suitable for engraving, writing or finishing thanks to the various geometries available



20 Pcs | Box | Steel | Stainless steel | Ceramic

Stem	Ø 3 mm
Length	45 mm

D050 € 51,60

DIAMOND MOUNTED POINT AND DISC SET

Suitable for engraving, writing or finishing thanks to the various geometries available



50 Pcs | Box | Steel | Stainless steel | Ceramic

Stem	Ø 3 mm
Length	45 mm

P052-

BRAD POINT WOODWORKING DRILLS

DIN 7487, double helix, with centering tip allows exact positioning of the hole



Hangable | HSS | Wood | Multilayer | Chipboard | Lathe | Mill | Drill

Art.	€	ø	Total length	Flute length	Pack
P052/03	€ 0,88	3 mm	61 mm	33 mm	5
P052/04	€ 0,97	4 mm	75 mm	43 mm	5
P052/05	€ 1,17	5 mm	86 mm	52 mm	5
P052/06	€ 1,27	6 mm	93 mm	57 mm	5
P052/07	€ 1,56	7 mm	109 mm	69 mm	5
P052/08	€ 2,05	8 mm	117 mm	75 mm	5
P052/09	€ 2,34	9 mm	125 mm	81 mm	1
P052/10	€ 2,74	10 mm	133 mm	87 mm	1
P052/11	€ 3,61	11 mm	142 mm	94 mm	1
P052/12	€ 4,49	12 mm	151 mm	101 mm	1
P052/13	€ 5,20	13 mm	151 mm	101 mm	1
P052/14	€ 6,40	14 mm	160 mm	108 mm	1
P052/15	€ 7,60	15 mm	169 mm	114 mm	1
P052/16	€ 10,60	16 mm	178 mm	120 mm	1
P052/17	€ 12,20	17 mm	184 mm	125 mm	1
P052/18	€ 14,20	18 mm	191 mm	130 mm	1
P052/19	€ 16,10	19 mm	198 mm	135 mm	1
P052/20	€ 17,60	20 mm	205 mm	140 mm	1

P052/08S — € 13,60

BRAD POINT WOODWORKING DRILLS SET

DIN 7487, double helix, with centering tip allows exact positioning of the hole



8 Pcs | Hangable | HSS | Wood | Multilayer

Size	3 ÷ 10 mm

0238 — € 12,10

HOLE SAW SET FOR WOOD



10 Pcs | Box | Steel | Plastic | Plexiglass

Sizes	ø 22 - 29 - 32 - 38 - 44 - 51 - 57 - 67 mm

0463 — € 21,80

TWIST DRILL SET WITH COUNTERSINK FOR WOOD

for countersinking the wood

4 Pcs | Wooden Box | HSS | C45 | 1/4"



Sizes	2 - 2,5 - 3 - 3,5 mm

0799-

MORTISING DRILL SET



6 Pcs | Wooden Box | C45 | Wood | Multilayer | Chipboard | Mill

Art.	€	Sizes	Revolution	Stem
0799/SXC	€ 68,00	ø 6 - 8 - 10 - 12 - 14 - 16 mm	L	ø 16 x 50 mm
0799/DXC	€ 68,00	ø 6 - 8 - 10 - 12 - 14 - 16 mm	R	ø 16 x 50 mm

0087 — € 43,90

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



5 Pcs | Wooden Box | C45 | HM | Wood

Drills	Ø 15 - 20 - 26 - 30 - 35 mm

0087/35 — € 11,10

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



Box | C45 | HM | Wood | Multilayer

Boring bit	ø 35 mm
Stem	ø 10 mm

0526 € 31,20

TWIST DRILL AND COUNTERSINK SET WITH 1/4" HEX SHANK

1/4" hex shank with countersink for wood

HSS · 3 Pcs · Hangable · Wood · Multilayer · Chipboard · Mill · Drill



Drills	2,75 - 3,25 - 3,5 mm
Shank	1/4"

0524 € 50,80

1/4" DR. DRILL BIT HOLDER SET

To speed up the work by replacing the tips quickly

C45 · 10 Pcs · Hangable · 1/4"



Sizes	3-3.5-4-4.5-5-5.5-6-6.5-8-10 mm
Shank	1/4"

0835/15 € 53,60

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves

HM · 15 Pcs · Wooden Box · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm

0830 € 232,00

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves

HM · 35 Pcs · Wooden Box · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm

0718 € 269,00

CUTTER HEAD SET FOR MACHINE

For creating profiles of various geometries on wood.

HSS · 27 Pcs · Carrying case · Wood · Multilayer · Chipboard · Mill



Head	Ø 100 x 40h mm
Hole	ø 30 mm
Knives	26



M015S — € 55,40

SPIRAL POINT TAP AND DRILL SET

With adjustable tap holder



15 Pcs · Hangable · HSS · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Emulsion

Taps	M3 x 0,50 mm, M4 x 0,70 mm, M5 x 0,80 mm, M6 x 1,00 mm, M8 x 1,2
Drills	Ø2,5 mm, Ø3,3 mm, Ø4,2 mm, Ø5,0 mm, Ø6,8 mm, Ø8,5 mm, Ø10

M312/P — € 60,60

MACHINE TAP SET FOR THROUGH HOLES WITH REINFORCED SHANK

With adjustable tap holder.



8 Pcs · Hangable · HSS-G · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil

Size	M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75

M312/C — € 65,90

MACHINE TAP SET FOR BLIND HOLES 35° WITH REINFORCED SHANK

With adjustable tap holder.



8 Pcs · Hangable · HSS-G · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil

Size	M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75

M020 — € 30,60

TAP AND DIE SET



20 Pcs · Box · Steel · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Tap holder	M3 - M12
Round die-stock	25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8'' NPT27
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8'' NPT27

M036 — € 59,40

TAP AND DIE SET

With twist drills and screw pitch gauge



34 Pcs · Box · Steel · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Tap holder	M3 - M12
Round die-stock	25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12
Drills	2,5 - 3,3 - 4,2 - 5 - 6 - 6,8 - 8,5 - 10,3 mm
Screwdriver	6,5 x 50 mm

M032 — € 110,00

TAP AND DIE METRIC SET

With round die-stock, adjustable tap holder and screw pitch gauge.



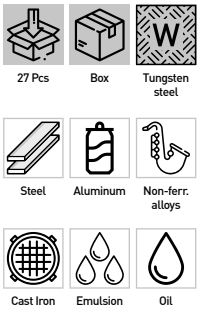
32 Pcs · Hangable · HSS · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

Taps	M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75
Dies	M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75
Screwdriver	3,5 x 50 mm

M029 € 118,00

TAP AND DIE SET

With twist drills and ratchet tap-die holder





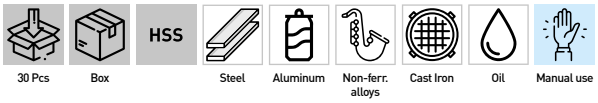
Ratchet handle	200 mm
Socket	Maschi 5 - 7,5 mm | Filiere 25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Drills	2,5 - 3,3 - 4,2 - 5 - 6,8 - 8,5 - 10,3 mm
Screwdriver	6,5 x 50 mm
Screwdriver	3 x 50 mm

M030 € 69,10

TAP AND DIE SET

From M1 to M2.5, with die turner and adapters to convert it into tap wrenches.



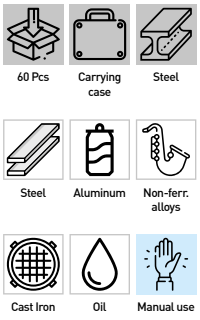


Size	M1 - M1.1 - M1.2 - M1.4 - M1.6 - M1.8 - M2.0 - M2.2 - M2.5

M101 € 109,00

TAPS AND DIE METRIC SET

Hand tap and die: M3x0,5 - UNC 1/4 20 - UNF 4 40 - Metric M4x0,7 - UNC 1/4 28 - UNF 6 32 - Metric M5x0,8 - UNC 5/16 18 - UNF 8 32 - Metric M6x1 - UNC 5/16 24 - UNF 10 32 - Metric M7x1 - UNC 3/8 16 - UNF 10 24 - Metric M8x1,25 - UNC 3/8 24 - UNF 12 24 - Metric M9x1,25 - UNC 7/16 14 - Metric M10x1,5 - UNC 7/16 20 - Metric M10x1 - UNC 1/2 13 - Metric M12x1,75 - UNC 1/2 20 - NPT 1/8 27.
Complete with round die-stock and adjustable tap holder.

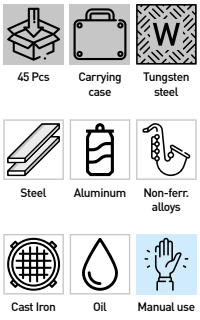




M100 € 146,00

TAP AND DIE METRIC SET

With round die-stock and adjustable tap holder. M6x0,75 - M6x1 - M8x1 - M8x1,25 - M10x1,25 - M10x1,5 - M12x1,5 - M12x1,75 - M14x1,5 - M14x2 - M16x1,5 - M16x2 - M18x1,5 - M18x2,5 - M20x1,5 - M20x2,5 - M22x1,5 - M22x2,5 - M24x1,5 - M24x3





M218 € 235,00

TAP AND DIE METRIC SET

2 pcs hand tap set and die: M2 x 0,40 - M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 0,75 - M6 x 1 - M7 x 0,75 - M7 x 1- M8 x 0,75 - M8 x 1 - M8 x 1,25 - M9 x 0,75 - M9 x 1 - M9 x 1,25 - M10 x 0,75 - M10 x 1 -M10 x 1,25 - M10 x 1,5 - M11 x 0,75 - M11 x 1 - M11 x 1,25 - M11 x 1,5 - M12 x 0,75 - M12 x 1 - M12 x 1,25 - M12 x 1,5 - M12 x 1,75 - M14 x 1 - M14 x 1,25 - M14 x 1,5 - M14 x 2 - M16 x 1 - M16 x 1,5 - M16 x 2 - M18 x 1,5.
Complete with 2 tap holders and 2 round die-stocks.





TAPPING
TYPE OF GROOVES

STRAIGHT GROOVES CORRECT INLET

The correction of the inlet is given by a strong inclination of the helix combined with an accentuated angle of cut in the initial part of the tap. This design ensures the evacuation of chips in the direction of the feed. Therefore, when tapping through holes in materials that produce continuous chips, the risk of clogging and breakage is almost eliminated.



35° HIGH-TWIST HELICAL GROOVES

Inclined helical grooves facilitate chip extraction in the opposite direction to the tap feed. The strong inclination of the helix also ensures the extraction of chips from blind and deep holes reducing the risk of clogging and breakage.



CHOICE OF THEORETICAL CUTTING SPEEDS OF MACHINE TAPS, ACCORDING TO THE MATERIAL TO BE THREADED



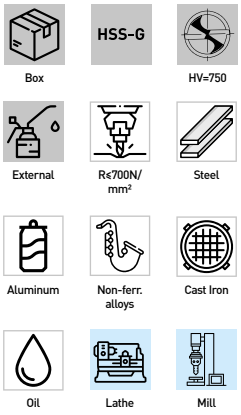
Material to work	Cutting speed (m / min)	Refrigerant
Low alloy construction steel R< 700÷900N/mm2	10 - 20	Oil
Tool steel	4 - 8	Oil
Alloy steel R< 1100÷1300N/mm2	2 - 5	Oil
Stainless steel	5 - 10	Oil
Spheroidal cast iron	6 - 20	No Lubrication.
Copper alloys	10 - 15	Oil
Brass	20 - 30	Oil
Bronze	6 - 15	Oil
Aluminium Short chip	15 - 30	Oil
Aluminium Long chip	10 - 20	Oil
Titanium	3 - 4	Oil
Plastics and thermoplastics	5 - 15	Water
Thermosetting Materials	5 - 10	No Lubrication

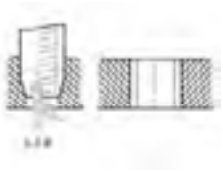
M001-X

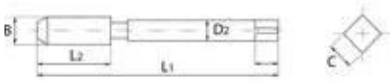
MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

DIN 371/B, isometric thread coarse pitch - reinforced shank.









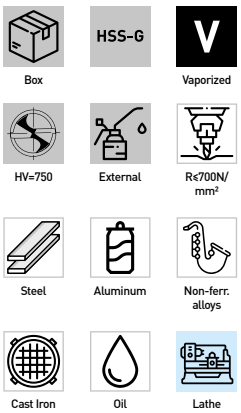
Art.	€	B	L2	L1	D2	C
M001/3	€ 5,80	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M001/4	€ 5,80	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M001/5	€ 7,10	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M001/6	€ 7,60	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M001/8	€ 9,30	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M001/10	€ 11,90	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

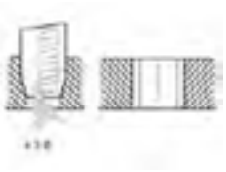
M001-XV

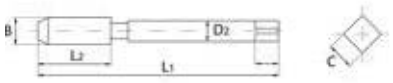
MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

DIN 371/B, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.









Art.	€	B	L2	L1	D2	C
M001/03V	€ 7,30	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M001/04V	€ 7,30	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M001/05V	€ 8,10	M5 x 0,80	16 mm	70 mm	6 mm	4.9mm
M001/06V	€ 8,80	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M001/08V	€ 11,10	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M001/10V	€ 13,90	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

M002-

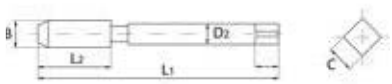
MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

DIN 376/B, isometric thread coarse pitch.









Art.	€	B	L2	L1	D2	C
M002/12	€ 12,90	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14	€ 16,70	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16	€ 18,60	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18	€ 28,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20	€ 34,20	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22	€ 47,90	M22 x 2,5	34 mm	140 mm	18 mm	14.5 mm
M002/24	€ 52,60	M24 x 3	38 mm	160 mm	18 mm	14.5 mm
M002/27	€ 73,60	M27 x 3	38 mm	160 mm	20 mm	16 mm
M002/30	€ 85,30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

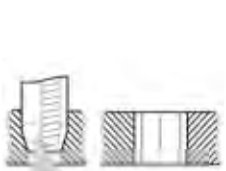
M002-XV

MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

DIN 376/B, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.







Art.	€	B	L2	L1	D2	C
M002/12V	€ 14,50	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14V	€ 19,10	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16V	€ 21,80	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18V	€ 30,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20V	€ 38,80	M20 x 2,5	34 mm	140 mm	16 mm	12 mm

M003-

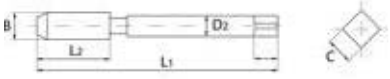
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 371/C, isometric thread coarse pitch - reinforced shank



Box · HSS-G · HV=750
External · R≤700N/mm² · Steel
Aluminum · Non-ferr. alloys · Cast Iron
Oil · Lathe · Mill





Art.	€	B	L2	L1	D2	C
M003/3	€ 5,80	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M003/4	€ 5,80	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M003/5	€ 6,50	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M003/6	€ 8,10	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M003/8	€ 9,90	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M003/10	€ 12,20	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

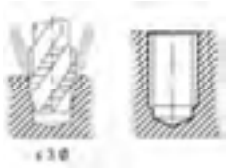
M003-XV

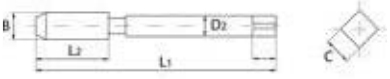
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 371 / C, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking



Box · HSS-G · V Vaporized
HV=750 · External · R≤700N/mm²
Steel · Aluminum · Non-ferr. alloys
Cast Iron · Oil · Lathe





Art.	€	B	L2	L1	D2	C
M003/03V	€ 7,30	M3 x 0,50	11 mm	56 mm	3.5 mm	2.7 mm
M003/04V	€ 7,30	M4 x 0,70	13 mm	63 mm	4.5 mm	3.4 mm
M003/05V	€ 8,70	M5 x 0,80	16 mm	70 mm	6 mm	4.9 mm
M003/06V	€ 9,90	M6 x 1	19 mm	80 mm	6 mm	4.9 mm
M003/08V	€ 11,40	M8 x 1,25	22 mm	90 mm	8 mm	6.2 mm
M003/10V	€ 14,30	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

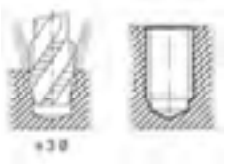
M003-XXX

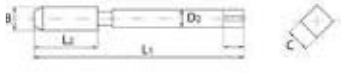
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 376/C, isometric thread coarse pitch



Box · HSS-G · HV=750
External · R≤700N/mm² · Steel
Aluminum · Cast Iron
Oil · Lathe · Mill





Art.	€	B	L2	L1	D2	C
M003/12	€ 13,30	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14	€ 16,90	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16	€ 19,40	M16x2	32 mm	110 mm	12 mm	9 mm
M003/18	€ 31,60	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20	€ 34,70	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22	€ 47,90	M22 x 2,5	34 mm	140 mm	18 mm	14.5 mm
M003/24	€ 52,50	M24 x 3	38 mm	160 mm	18 mm	14.5 mm
M003/27	€ 73,60	M27 x 3	38 mm	160 mm	20 mm	16 mm
M003/30	€ 85,30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

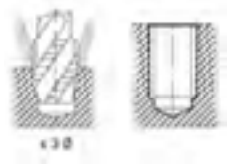
M003-XXV

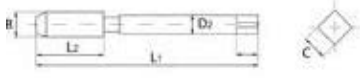
MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

DIN 376/C, isometric thread coarse pitch - reinforced shank, the vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.



Box · HSS-G · V Vaporized
HV=750 · External · R≤700N/mm²
Steel · Aluminum · Non-ferr. alloys
Cast Iron · Oil · Lathe



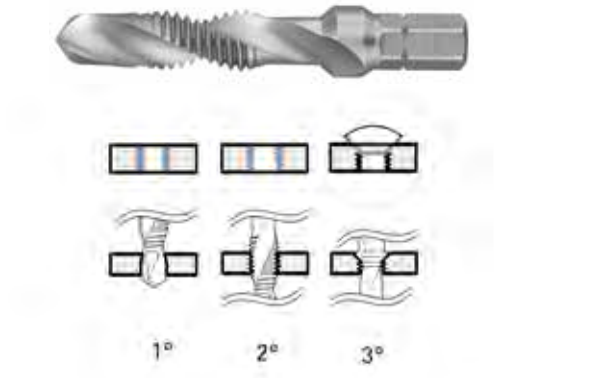


Art.	€	B	L2	L1	D2	C
M003/12V	€ 16,90	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14V	€ 19,10	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16V	€ 22,70	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18V	€ 30,80	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20V	€ 38,80	M20 x 2,5	34 mm	140 mm	16 mm	12 mm

0890-

3 IN 1 DRILLING-TAPPING-DEBURRING TOOL

Thanks to the particular geometry in a single operation it is able to drill, thread and countersink



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Magnetic Drill | Portable Drill

Art.	€	Taps	Shank	Dimensions
0890/M3	€ 6,70	M3 x 0,5	1/4"	52 mm
0890/M4	€ 6,70	M4 x 0,7	1/4"	52 mm
0890/M5	€ 7,60	M5 x 0,8	1/4"	54 mm
0890/M6	€ 7,60	M6 x 1	1/4"	56 mm
0890/M8	€ 8,80	M8 x 1,25	1/4"	58 mm
0890/M10	€ 10,80	M10 x 1,5	1/4"	60 mm

0890 € 53,10

3 IN 1 DRILLING-TAPING-DEBURRING TOOL AND BIT SET

Thanks to the particular geometry in a single operation it is able to drill, thread and countersink. With quick change holder



14 Pcs | Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Magnetic Drill | Portable Drill

Taps	M3 x 0,5 - M4 x 0,7 - M5 x 0,8 - M6 x 1 - M8 x 1,25 - M10 x 1,5
Shank	1/4"
Phillips	1 - 2
Pozi-driv	1 - 2
Slotted	4 - 5 mm

G002-

ADJUSTABLE TAP HOLDER

DIN 1814, With hardened jaws, a handle that can be unscrewed to carry out jobs with tight dimensions



Blister | HSS-G

Art.	€	Taps	Square
G002/1	€ 6,50	M1 ÷ M10	1,75 ÷ 5,5
G002/2	€ 9,60	M4 ÷ M12	2,4 ÷ 8 mm
G002/3	€ 13,30	M5 ÷ M20	2,7 ÷ 12

G003-

RATCHET TAP HOLDER

Right-handed, left-handed or in a fixed position



Blister | HSS-G

Art.	€	Taps	Square
G003/1	€ 11,90	M3 ÷ M 8	1,75 ÷ 5,5
G003/2	€ 14,50	M5 ÷ M 12	4 ÷ 8



F123 NEW € 48,60

ROUND DIE SET

From M3 to M12, complete with round die-stock



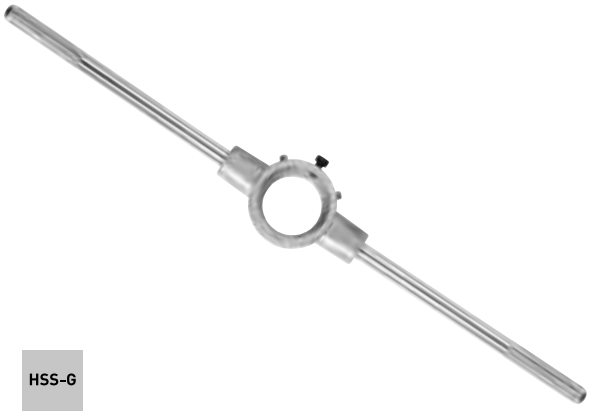
9 Pcs | Box | Steel | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Size	M3 - M4 - M5 - M6 - M8 - M10 - M12
Round die-stock	25 x 9 mm

G001-

ROUND DIE-STOCK

DIN 225, with 3 die fixing screws, 1 unscrewable handle to carry out jobs with tight dimensions



Blister | HSS-G

Art.	€	Die dimensions	For dies
G001/20	€ 6,50	20 x 7 mm	M4.5 ÷ M6
G001/25	€ 6,50	25 x 9 mm	M7 ÷ M9
G001/30	€ 8,00	30 x 11 mm	M10 ÷ M11
G001/38	€ 12,20	38 x 14 mm	M12 ÷ M14
G001/45	€ 13,90	45 x 18 mm	M16 ÷ M20
G001/55	€ 15,00	55 x 22 mm	M22 ÷ M24

F121-

METRIC DIE FOR COARSE PITCH

DIN 223, with correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	€	Pitch	Dimensions
F121/03	€ 8,00	3 x 0,5 mm	Ø20 x 5 mm
F121/04	€ 8,00	4 x 0,7 mm	Ø20 x 5 mm
F121/05	€ 9,10	5 x 0,8 mm	Ø20 x 7 mm
F121/06	€ 10,50	6 x 1 mm	Ø20 x 7 mm
F121/08	€ 10,50	8 x 1,25 mm	Ø25 x 9 mm
F121/10	€ 12,00	10 x 1,5 mm	Ø30 x 11 mm
F121/12	€ 13,90	12 x 1,75 mm	Ø38 x 14 mm
F121/14	€ 19,60	14 x 2 mm	Ø38 x 14 mm
F121/16	€ 23,00	16 x 2 mm	Ø45 x 18 mm
F121/18	€ 26,70	18 x 2,5 mm	Ø45 x 18 mm
F121/20	€ 28,30	20 x 2,5 mm	Ø45 x 18 mm

F122-

DIE GAS THREAD

DIN 5158/B, with correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction



Box | HSS | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	€	Pitch	Dimensions
F122/1/8	€ 10,40	G1/8-28	Ø30 x 11 mm
F122/1/4	€ 18,10	G1/4-19	Ø38 x 10 mm
F122/3/8	€ 22,50	G3/8-19	Ø45 x 14 mm
F122/1/2	€ 24,20	G1/2-14	Ø45 x 14 mm
F122/5/8	€ 43,30	G5/8-14	Ø55 x 16 mm
F122/3/4	€ 47,50	G3/4-14	Ø55 x 16 mm
F122/7/8	€ 52,60	G7/8-14	Ø65 x 18 mm
F122/1	€ 53,10	G1-11	Ø65 x 18 mm

F-COIL THREAD RESTORER RANGE

It is essential for reinforcing threads in materials with reduced resistance (aluminium, aluminium alloys or magnesium).
The industrial sectors where it is most used are: mechanical and building development, automotive industry, medical and electronic equipment, as well as aerospace and aeronautical construction.
Tapping reinforcement eliminates wear on the tapping itself, allowing frequent use of the thread.
It is essential for the economical and lasting restoration of worn or discarded threads during manufacture.

RESTORATION AND LAYING PROCEDURE

1st operation
Knowing the type of damaged thread

Knowledge of the type of damaged thread so that the appropriate kit can be purchased to restore it.



2nd operation
Drilling execution with specific drill tip

Drilling for removal of the damaged thread and thread preparation for the new F-Coil thread insert



3rd operation
Tapping execution for preparation of F-Coil thread housing

Execution of the tapping operation with the specific tap for creating the housing for the F-Coil thread insert.



4th operation
Screw in the Coil insert with the appropriate tool

Screw in the F-Coil insert with the F-Coil mounting tool to the required depth.
If one helix is not enough, you can add more helix up to the necessary depth.
The application of thread-locking glue is recommended to avoid possible disassembly of the F-Coil



5th operation
Breaking of the driving notch with a special cutter

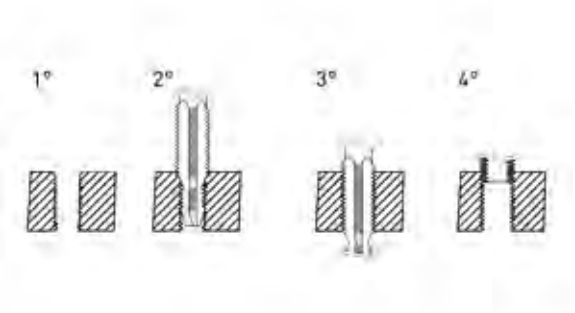
Once the thread-insert has been installed, break off the retention stud bolt.
In order to break it, the specific breaking tool must be used.
From a thread size of M14 onwards, it is possible to perform this operation with the use of a clamp where the pitch size permits.





REPAIR THREADS FOR SPARK PLUG SEATS

To restore damaged spark plug seats the procedure is different: Threading is carried out directly on the damaged thread with the special tap supplied with the KIT. The F-COIL thread bushing is then inserted and must be screwed in completely up to the stop.
The application of thread-locking adhesive is recommended.



COMPOSITION OF THE THREAD REPAIR KIT

1	Stainless steel threaded inserts to be inserted in the tapping performed by recreating the previously damaged thread (Available in 1xØ, 1.5xØ, 2xØ, 2.5xØ and 3xØ lengths		
2	Helical HSS bit for making the pre-hole for the tap		
3	Specific tap for tapping for the application of the threaded insert		
4	Tool for mounting F-Coil threaded inserts	For threaded inserts up to M24	
		For M26 inserts	
5	Specific tool for breaking the F-Coil tang		





E010 — € 123,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



130 Pcs | Carrying case | HSS | INOX

Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010B — € 159,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



125 Pcs | Carrying case | HSS | INOX

Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6=25 M8=25 M10=20 M12=15 M14=25
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010E — € 107,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



130 Pcs | Carrying case | HSS | INOX

Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E010-

THREAD REPAIR INSERT SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials



Hangable | HSS | INOX

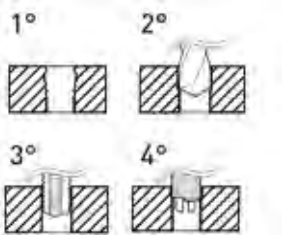
Art.	€	Thread insert	Boring bit	Taps	Handle
E010/M05	**€ 27,10**	M5	5,2 mm	x M5	2
E010/M06	**€ 29,40**	M6	6,3 mm	x M6	2
E010/M08	**€ 32,40**	M8	8,3 mm	x M8	2
E010/M10	**€ 39,10**	M10	10,4 mm	x M10	2
E010/M12	**€ 41,40**	M12	12,4 mm	x M12	2
E010/M14	**€ 49,50**	M14 x 1,25	14,4 mm	x M14 x 1,25	2

E011A — € 164,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





130 Pcs | Carrying case | HSS | INOX

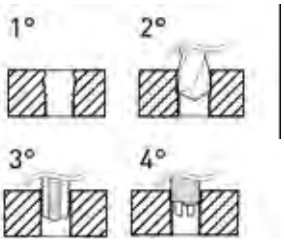
Sizes	M5 - M12
STI Taps	M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75
Drills	5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M5=25 M6=25 M8=25 M10=25 M12=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E011B — € 192,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





113 Pcs | Carrying case | HSS | INOX

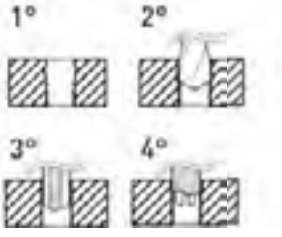
Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6=25 M8=25 M10=25 M12=10 M14=10
Inserting tool	5 Pcs
Tang break tool	4 Pcs

E011C — € 113,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





87 Pcs | Hangable | HSS | INOX

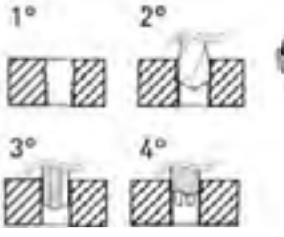
Sizes	M6 - M10
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5
Drills	6.3 mm - 8.3 mm - 10.4 mm
Wire-thread inserts	M6|25 Pcs - M8|25 Pcs - M10|25 Pcs
Inserting tool	3 Pcs
Tang break tool	3 Pcs

E011D — € 203,00

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.
14mm size specific for car spark plugs





113 Pcs | Carrying case | HSS | INOX

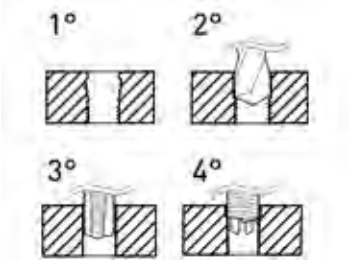
Sizes	M6 - M14
STI Taps	M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25
Drills	6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm
Wire-thread inserts	M6|25 Pcs - M8|25 Pcs - M10|25 Pcs - M12|10 Pcs - M14|10 Pcs
Inserting tool	5 Pcs
Tang break tool	4 Pcs

E011-MX1

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





HSS INOX

Hangable

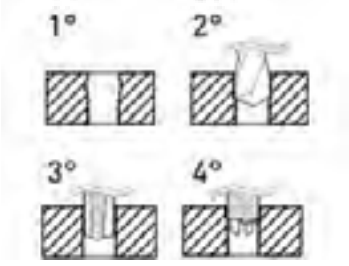
Art.	€	Dimensions	Boring bit	STI Taps	Inserting tool	Tang break tool	Inserts quantity
E011/M020X040	€ 26,20	M 2 x 0.4	Ø 2.1 mm	E011/M020X040M	E011/U02	E011/A02	20
E011/M025X045	€ 26,20	M 2.5 x 0.45	Ø 2.6 mm	E011/M025X045M	E011/U03	E011/A03	20
E011/M030X050	€ 26,20	M 3 x 0.5	Ø 3.2 mm	E011/M030X050M	E011/U04	E011/A04	20
E011/M035X060	€ 26,20	M 3.5 x 0.6	Ø 3.7 mm	E011/M035X060M	E011/U05	E011/A05	20
E011/M040X070	€ 26,20	M 4 x 0.7	Ø 4.2 mm	E011/M040X070M	E011/U06	E011/A06	20
E011/M050X080	€ 27,10	M 5 x 0.8	Ø 5.2 mm	E011/M050X080M	E011/U08	E011/A08	20
E011/M060X100	€ 28,80	M 6 x 1.0	Ø 6.3 mm	E011/M060X100M	E011/U09	E011/A09	20
E011/M070X100	€ 35,70	M 7 x 1.0	Ø 7.3 mm	E011/M070X100M	E011/U10	E011/A11	20
E011/M080X100	€ 35,70	M 8 x 1.0	Ø 8.3 mm	E011/M080X100M	E011/U11	E011/A11	20
E011/M080X125	€ 35,70	M 8 x 1.25	Ø 8.3 mm	E011/M080X125M	E011/U11	E011/A11	20
E011/M090X100	€ 35,70	M 9 x 1.0	Ø 9.3 mm	E011/M090X100M	E011/U12	E011/A12	10
E011/M090X125	€ 40,10	M 9 x 1.25	Ø 9.3 mm	E011/M090X125M	E011/U12	E011/A12	15
E011/M100X100	€ 38,30	M 10 x 1.0	Ø 10.3 mm	E011/M100X100M	E011/U13	E011/A13	15
E011/M100X125	€ 38,30	M 10 x 1.25	Ø 10.3 mm	E011/M100X125M	E011/U13	E011/A13	15
E011/M100X150	€ 38,30	M 10 x 1.5	Ø 10.4 mm	E011/M100X150M	E011/U13	E011/A13	15
E011/M110X150	€ 42,60	M 11 x 1.5	Ø 11.4 mm	E011/M110X150M	E011/U14	E011/A14	10
E011/M120X100	€ 42,60	M 12 x 1.0	Ø 12.3 mm	E011/M120X100M	E011/U15	E011/A15	10
E011/M120X125	€ 42,60	M 12 x 1.25	Ø 12.3 mm	E011/M120X125M	E011/U15	E011/A15	10
E011/M120X150	€ 42,60	M 12 x 1.5	Ø 12.4 mm	E011/M120X150M	E011/U15	E011/A15	10
E011/M120X175	€ 42,60	M 12 x 1.75	Ø 12.4 mm	E011/M120X175M	E011/U15	E011/A15	10
E011/M140X100	€ 49,50	M 14 x 1.0	-	E011/M140X100M	E011/U16	-	10
E011/M140X125	€ 49,50	M 14 x 1.25	-	E011/M140X125M	E011/U16	-	10
E011/M140X150	€ 49,50	M 14 x 1.5	-	E011/M140X150M	E011/U17	-	10
E011/M140X200	€ 49,50	M 14 x 2.0	-	E011/M140X200M	E011/U17	-	10
E011/M160X150	€ 58,20	M 16 x 1.5	-	E011/M160X150M	E011/U18	-	10
E011/M160X200	€ 58,20	M 16 x 2.0	-	E011/M160X200M	E011/U18	-	10
E011/M180X150	€ 68,60	M 18 x 1.5	-	E011/M180X150M	E011/U20	-	5
E011/M180X200	€ 68,60	M 18 x 2.0	-	E011/M180X200M	E011/U20	-	5
E011/M180X250	€ 68,60	M 18 x 2.5	-	E011/M180X250M	E011/U20	-	5
E011/M200X150	€ 74,60	M 20 x 1.5	-	E011/M200X150M	E011/U21	-	5
E011/M200X200	€ 74,60	M 20 x 2.0	-	E011/M200X200M	E011/U21	-	5
E011/M200X250	€ 74,60	M 20 x 2.5	-	E011/M200X250M	E011/U21	-	5
E011/M220X150	€ 85,00	M 22 x 1.5	-	E011/M220X150M	E011/U22	-	5
E011/M220X200	€ 85,00	M 22 x 2.0	-	E011/M220X200M	E011/U22	-	5
E011/M220X250	€ 85,00	M 22 x 2.5	-	E011/M220X250M	E011/U22	-	5
E011/M240X150	€ 96,30	M 24 x 1.5	-	E011/M240X150M	E011/U23	-	5
E011/M240X200	€ 96,30	M 24 x 2.0	-	E011/M240X200M	E011/U23	-	5
E011/M240X300	€ 96,30	M 24 x 3.0	-	E011/M240X300M	E011/U23	-	5

E011-MX2

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials





HSS INOX

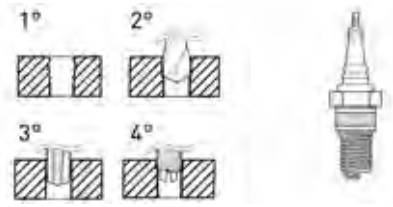
Carrying case

Art.	€	Dimensions	STI Taps	Inserting tool	Wire-thread inserts	Inserts quantity
E011/M260X150	€ 274,00	M 26 x 1.5	E011/M260X150M	E011/UM260X150	E010/M260X150E15	10
E011/M270X150	€ 274,00	M 27 x 1.5	E011/M270X150M	E011/UM270X150	E010/M270X150E15	10
E011/M270X200	€ 274,00	M 27 x 2.0	E011/M270X200M	E011/UM270X200	E010/M270X200E15	10
E011/M270X300	€ 274,00	M 27 x 3.0	E011/M270X300M	E011/UM270X300	E010/M270X300E15	10
E011/M280X150	€ 274,00	M 28 x 1.5	E011/M280X150M	E011/UM280X150	E010/M280X150E15	10
E011/M300X150	€ 326,00	M 30 x 1.5	E011/M300X150M	E011/UM300X150	E010/M300X150E15	10
E011/M300X200	€ 326,00	M 30 x 2.0	E011/M300X200M	E011/UM300X200	E010/M300X200E15	10
E011/M300X350	€ 326,00	M 30 x 3.5	E011/M300X350M	E011/UM300X350	E010/M300X350E15	10
E011/M330X200	€ 336,00	M 33 x 2.0	E011/M330X200M	E011/UM330X200	E010/M330X200E15	10
E011/M330X350	€ 336,00	M 33 x 3.5	E011/M330X350M	E011/UM330X350	E010/M330X350E15	10
E011/M360X150	€ 359,00	M 36 x 1.5	E011/M360X150M	E011/UM360X150	E010/M360X150E15	10
E011/M360X200	€ 359,00	M 36 x 2.0	E011/M360X200M	E011/UM360X200	E010/M360X200E15	10
E011/M360X300	€ 359,00	M 36 x 3.0	E011/M360X300M	E011/UM360X300	E010/M360X300E15	10
E011/M360X400	€ 359,00	M 36 x 4.0	E011/M360X400M	E011/UM360X400	E010/M360X400E15	10
E011/M390X300	€ 456,00	M 39 x 3.0	E011/M390X300M	E011/UM390X300	E010/M390X300E15	10
E011/M390X400	€ 522,00	M 39 x 4.0	E011/M390X400M	E011/UM390X400	E010/M390X400E15	10
E011/M400X300	€ 522,00	M 40 x 3.0	E011/M400X300M	E011/UM400X300	E010/M400X300E15	10
E011/M420X300	€ 522,00	M 42 x 3.0	E011/M420X300M	E011/UM420X300	E010/M420X300E15	10
E011/M420X450	€ 700,00	M 42 x 4.5	E011/M420X450M	E011/UM420X450	E010/M420X450E15	10
E011/M450X300	€ 633,00	M 45 x 3.0	E011/M450X300M	E011/UM450X300	E010/M450X300E15	10
E011/M450X450	€ 722,00	M 45 x 4.5	E011/M450X450M	E011/UM450X450	E010/M450X450E15	10
E011/M480X300	€ 633,00	M 48 x 3.0	E011/M480X300M	E011/UM480X300	E010/M480X300E15	10
E011/M480X500	€ 884,00	M 48 x 5.0	E011/M480X500M	E011/UM480X500	E010/M480X500E15	10
E011/M500X300	€ 700,00	M 50 x 3.0	E011/M500X300M	E011/UM500X300	E010/M500X300E15	10
E011/M520X300	€ 945,00	M 52 x 3.0	E011/M520X300M	E011/UM520X300	E010/M520X300E15	10
E011/M520X500	€ 1100,00	M 52 x 5.0	E011/M520X500M	E011/UM520X500	E010/M520X500E15	10

E011-MXC

SPARK PLUG METRIC THREAD REPAIR F-COIL SET

Specific for repairs or reinforcement of spark plug seats





HSS INOX

Hangable

Art.	€	Size	Inserting tool	STI Taps	Wire-thread inserts
E011/M060X100C	€ 41,60	M 6 x 1.0	E011/U09	E011/M060X100M	10
E011/M080X125C	€ 41,60	M 8 x 1.25	E011/U11	E011/M080X125M	10
E011/M100X100C	€ 44,10	M 10 x 1.0	E011/U13	E011/M100X100M	10
E011/M100X125C	€ 44,10	M 10 x 1.25	E011/U13	E011/M100X125M	10
E011/M100X150C	€ 44,10	M 10 x 1.5	E011/U13	E011/M100X150M	10
E011/M120X125C	€ 52,20	M 12 x 1.25	E011/U15	E011/M120X125M	10
E011/M140X125C	€ 59,30	M 14 x 1.25	E011/U17	E011/M140X125M	5 x E010/M140X125E084 - 5 x E010/M140X125E124 - 5 x E010/M140X

E010-MXEXC

STAINLESS STEEL THREAD REPAIR INSERT

Specific for repairs or reinforcement of spark plug seats. With rhomboidal section, with spring shape, which creates two perfectly concentric threads; an external one that mates with the threaded hole previously made and an internal one that receives the screw



HSS INOX

Hangable

Art.	€	Dimensions	H	Pack
E010/M140X125E084	€ 0,76	M 14 x 1.25	8.4 mm	10
E010/M140X125E124	€ 0,68	M 14 x 1.25	12.4 mm	10
E010/M140X125E164	€ 0,75	M 14 x 1.25	16.4 mm	10

E011-M140X125EX

SOLID THREAD INSERT SPARK PLUG SET

Specific for repairs or reinforcement of spark plug seats



HSS INOX

Hangable

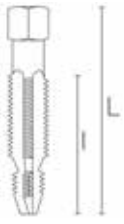
Art.	€	Size	H	Pack
E011/M140X125E095	€ 3,72	M 14 x 1.25	9.5 mm	10
E011/M140X125E112	€ 3,90	M 14 x 1.25	11.2 mm	10
E011/M140X125E127	€ 3,90	M 14 x 1.25	12.7 mm	10
E011/M140X125E175	€ 4,15	M 14 x 1.25	17.5 mm	10

E011/M140X125MCB € 37,20

METRIC COMBINED TAP FOR SOLID INSERT

Specific for the creation of reset threads on spark plug seats

HSS INOX





Size	M 16 x 1.25
Hexagon	18 mm
L	70 mm
l	32mm

E011/M140X125B € 63,10

METRIC SPARK PLUG SOLID THREAD REPAIR SET

Specific for repairs or reinforcement of spark plug seats





HSS INOX

STI Taps	E011/M140X125MCB
Wire-thread inserts	4 x H 9.5 mm - 4 x H 11.2 mm - 4 x H 12.7 mm - 4 x H 17.5 mm

E011/MC € 184,00

METRIC GLOW PLUG SOLID THREAD REPAIR SET

Specific for repairs or reinforcement of glow plug seats



33 Pcs Box HSS INOX

Sizes	8 mm - 10 mm - 12 mm
STI Taps	M8x1 - M10x1 - M10x1.25 - M12x1 - M12x1.25 - M14x1.25

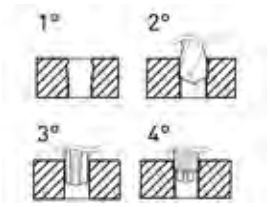
E011/BSW — € 218,00

1/4-1/2 BSW THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

115 Pcs | Carrying case | HSS | INOX

Sizes	BSW 1/4" - 1/2"
STI Taps	1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x12
Drills	6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-BSWX

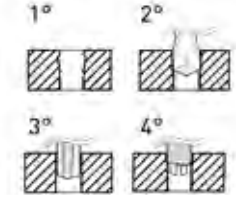
BSW THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Hangable | HSS | INOX

Art.	€	Thread	Boring bit	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/BSW1/8	**€ 34,20**	1/8" x 40	Ø 3.4 mm	E011/BSW1/8M	E011/U04	E011/A4	E010/BSW1/8E15	20
E011/BSW3/16	**€ 34,20**	3/16" x 24	Ø 5.0 mm	E011/BSW3/16M	E011/U08	E011/A8	E010/BSW3/16E15	20
E011/BSW1/4	**€ 31,10**	1/4" x 20	Ø 6.7 mm	E011/BSW1/4M	E011/U09	E011/A9	E010/BSW1/4E15	20
E011/BSW5/16	**€ 37,50**	5/16" x 18	Ø 8.3 mm	E011/BSW5/16M	E011/U10	E011/A11	E010/BSW5/16E15	20
E011/BSW3/8	**€ 39,90**	3/8" x 16	Ø 9.9 mm	E011/BSW3/8M	E011/U12	E011/A12	E010/BSW3/8E15	15
E011/BSW7/16	**€ 44,40**	7/16" x 14	Ø 11.5 mm	E011/BSW7/16M	E011/U14	E011/A14	E010/BSW7/16E15	10
E011/BSW1/2	**€ 48,40**	1/2" x 12	Ø 13.0 mm	E011/BSW1/2M	E011/U15	E011/A15	E010/BSW1/2E15	10
E011/BSW9/16	**€ 63,90**	9/16" x 12	-	E011/BSW9/16M	E011/U16	-	E010/BSW9/16E15	10
E011/BSW5/8	**€ 63,90**	5/8" x 11	-	E011/BSW5/8M	E011/U18	-	E010/BSW5/8E15	10
E011/BSW3/4	**€ 80,80**	3/4" x 10	-	E011/BSW3/4M	E011/U20	-	E010/BSW3/4E15	5
E011/BSW7/8	**€ 97,60**	7/8" x 9	-	E011/BSW7/8M	E011/U22	-	E010/BSW7/8E15	5
E011/BSW1	**€ 93,20**	1" x 8	-	E011/BSW1M	E011/U23	-	E010/BSW1E15	4





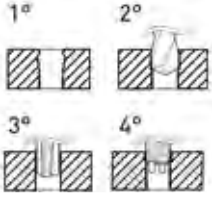
E011/BSF — € 218,00

1/4-1/2 BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

115 Pcs | Carrying case | HSS

Sizes	BSF 1/4" - 1/2"
STI Taps	1/4"x26-5/16"x22-3/8"x20-7/16"x18-1/2"x16
Drills	6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 - 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-BSFX

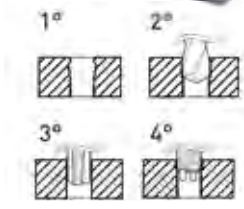
BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Hangable | HSS | INOX

Art.	€	Thread	Boring bit	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/BSF3/16	**€ 34,20**	3/16" x 32	Ø 5.0 mm	E011/BSF3/16M	E011/U07	E011/A06	E010/BSF3/16E15	20
E011/BSF1/4	**€ 31,10**	1/4" x 26	Ø 6.6 mm	E011/BSF1/4M	E011/U09	E011/A09	E010/BSF1/4E15	20
E011/BSF5/16	**€ 37,50**	5/16" x 22	Ø 8.3 mm	E011/BSF5/16M	E011/U11	E011/A11	E010/BSF5/16E15	20
E011/BSF3/8	**€ 39,90**	3/8" x 20	Ø 9.9 mm	E011/BSF3/8M	E011/U13	E011/A13	E010/BSF3/8E15	15
E011/BSF7/16	**€ 44,40**	7/16" x 18	Ø 11.5 mm	E011/BSF7/16M	E011/U14	E011/A14	E010/BSF7/16E15	10
E011/BSF1/2	**€ 48,40**	1/2" x 16	Ø 13.0 mm	E011/BSF1/2M	E011/U15	E011/A15	E010/BSF1/2E15	10
E011/BSF9/16	**€ 63,90**	9/16" x 16	-	E011/BSF9/16M	E011/U16	-	E010/BSF9/16E15	10
E011/BSF5/8	**€ 63,90**	5/8" x 14	-	E011/BSF5/8M	E011/U18	-	E010/BSF5/8E15	10
E011/BSF3/4	**€ 80,80**	3/4" x 12	-	E011/BSF3/4M	E011/U20	-	E010/BSF3/4E15	5
E011/BSF7/8	**€ 97,60**	7/8" x 11	-	E011/BSF7/8M	E011/U22	-	E010/BSF7/8E15	5
E011/BSF1	**€ 93,20**	1" x 10	-	E011/BSF1M	E011/U23	-	E010/BSF1E15	4





E011-BSPX

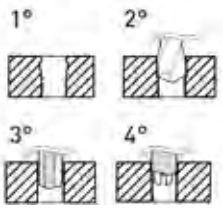
BSP THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS INOX

Hangable

Art.	€	Thread	Taps	Wire-thread inserts	Inserts quantity
E011/BSP1/8	€ 69,60	1/8" x 28	E011/BSP1/8M	E010/BSP1/8ME15	10
E011/BSP1/4	€ 78,40	1/4" x 19	E011/BSP1/4M	E010/BSP1/4ME15	10
E011/BSP3/8	€ 86,10	3/8" x 19	E011/BSP3/8M	E010/BSP3/8ME15	10
E011/BSP1/2	€ 110,00	1/2" x 14	E011/BSP1/2M	E010/BSP1/2ME15	10
E011/BSP5/8	€ 224,00	5/8" x 14	E011/BSP5/8M	E010/BSP5/8ME15	10
E011/BSP3/4	€ 224,00	3/4" x 14	E011/BSP3/4M	E010/BSP3/4ME15	10
E011/BSP7/8	€ 311,00	7/8" x 14	E011/BSP7/8M	E010/BSP7/8ME15	10
E011/BSP1	€ 314,00	1" x 11	E011/BSP1M	E010/BSP1ME15	10





E011/UNC

€ 218,00

1/4-1/2 UNC THREAD REPAIR F-COIL SET

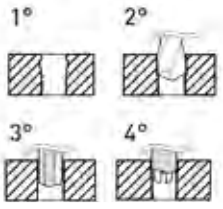
Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS

115 Pcs

Carrying case

Sizes	UNC 1/4" - 1/2"
STI Taps	1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x13
Drills	6.7 mm - 8.6.7 mm - 8.3 mm - 9.9 mm - 11.6 mm - 13.0 mm3 mm - 9.
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-UNCX

UNC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

Art.	€	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNCN02	€ 36,80	No. 2 x 56	Ø 2.4 mm	E011/UNCN02M	E011/U02	E011/A02	E010/UNCN02E15	20
E011/UNCN04	€ 33,40	No. 4 x 40	Ø 3.1 mm	E011/UNCN04M	E011/U04	E011/A04	E010/UNCN04E15	20
E011/UNCN05	€ 33,40	No. 5 x 40	Ø 3.4 mm	E011/UNCN05M	E011/U04	E011/A04	E010/UNCN05E15	20
E011/UNCN06	€ 33,40	No. 6 x 32	Ø 3.8 mm	E011/UNCN06M	E011/U05	E011/A05	E010/UNCN06E15	20
E011/UNCN08	€ 33,40	No. 8 x 32	Ø 4.4 mm	E011/UNCM08M	E011/U06	E011/A06	E010/UNCN08E15	20
E011/UNCN10	€ 33,40	No. 10 x 24	Ø 5.2 mm	E011/UNCM10M	E011/U07	E011/A06	E010/UNCN10E15	20
E011/UNCN12	€ 33,40	No. 12 x 24	Ø 5.8 mm	E011/UNCM12M	E011/U08	E011/A08	E010/UNCN12E15	20
E011/UNC1/4	€ 30,20	1/4" x 20	Ø 6.7 mm	E011/UNC1/4M	E011/U09	E011/A09	E010/UNC1/4E15	20
E011/UNC5/16	€ 36,70	5/16" x 18	Ø 8.3 mm	E011/UNC5/16M	E011/U10	E011/A11	E010/UNC5/16E15	20
E011/UNC3/8	€ 39,00	3/8" x 16	Ø 9.9 mm	E011/UNC3/8M	E011/U06	E011/A06	E010/UNC3/8E15	20
E011/UNC7/16	€ 43,50	7/16" x 14	Ø 11.6 mm	E011/UNC7/16M	E011/U14	E011/A14	E010/UNC7/16E15	10
E011/UNC1/2	€ 47,60	1/2" x 13	Ø 13.0 mm	E011/UNC1/2M	E011/U15	E011/A15	E010/UNC1/2E15	10
E011/UNC9/16	€ 63,00	9/16" x 12	-	E011/UNC9/16M	E011/U16	-	E010/UNC9/16E15	10
E011/UNC5/8	€ 63,00	5/8" x 1	-	E011/UNC5/8M	E011/U18	-	E010/UNC5/8E15	10
E011/UNC3/4	€ 79,90	3/4" x 10	-	E011/UNC3/4M	E011/U20	-	E010/UNC3/4E15	5
E011/UNC7/8	€ 96,70	7/8" x 9	-	E011/UNC7/8M	E011/U22	-	E010/UNC7/8E15	5
E011/UNC1	€ 92,30	1" x 8	-	E011/UNC1M	E011/U23	-	E010/UNC1E15	4



HSS INOX

Hangable

E011/UNF

€ 218,00

1/4-1/2 UNF THREAD REPAIR F-COIL SET

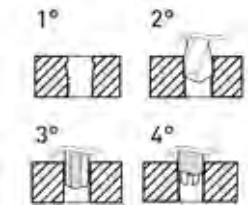
Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS

115 Pcs

Carrying case

Sizes	UNF 1/4" - 1/2"
STI Taps	1/4"x28-5/16"x24-3/8"x24-7/16"x20-1/2"x20
Drills	6.7 mm - 8.3 mm - 9.8 mm - 11.5 mm - 13.0 mm
Wire-thread inserts	1/4"=25 5/16"=25 3/8"=25 7/16"=10 - 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs





E011-UNFX

UNF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials

HSS INOX

Hangable



Art.	€	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNFN06	€ 33,40	No. 6 x 40	Ø 3.8 mm	E011/UNFN06M	E011/U05	E011/A05	E010/UNFN06E15	20
E011/UNFN08	€ 33,40	No. 8 x 36	Ø 4.4 mm	E011/UNFN08M	E011/U06	E011/A06	E010/UNFN08E15	20
E011/UNFN10	€ 33,40	No. 10 x 32	Ø 5.1 mm	E011/UNFN10M	E011/U08	E011/A08	E010/UNFN10E15	20
E011/UNF1/4	€ 30,20	1/4" x 28	Ø 6.7 mm	E011/UNF1/4M	E011/U09	E011/A09	E010/UNF1/4E15	20
E011/UNF5/16	€ 36,70	5/16" x 24	Ø 8.3 mm	E011/UNF5/16M	E011/U11	E011/A11	E010/UNF5/16E15	20
E011/UNF3/8	€ 39,00	3/8" x 24	Ø 9.8 mm	E011/UNF3/8M	E011/U13	E011/A13	E010/UNF3/8E15	15
E011/UNF7/16	€ 43,50	7/16" x 20	Ø 11.5 mm	E011/UNF7/16M	E011/U14	E011/A14	E010/UNF7/16E15	10
E011/UNF1/2	€ 47,60	1/2" x 20	Ø 13.0 mm	E011/UNF1/2M	E011/U15	E011/A15	E010/UNF1/2E15	10
E011/UNF9/16	€ 63,00	9/16" x 18	-	E011/UNF9/16M	E011/U16	-	E010/UNF9/16E15	10
E011/UNF5/8	€ 63,00	5/8" x 18	-	E011/UNF5/8M	E011/U18	-	E010/UNF5/8E15	10
E011/UNF3/4	€ 79,90	3/4" x 16	-	E011/UNF3/4M	E011/U21	-	E010/UNF3/4E15	5
E011/UNF7/8	€ 96,70	7/8" x 14	-	E011/UNF7/8M	E011/U22	-	E010/UNF7/8E15	5
E011/UNF1	€ 92,30	1" x 12	-	E011/UNF112M	E011/U23	-	E010/UNF1E15	4

E010-MXE1

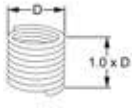
STAINLESS STEEL THREAD REPAIR INSERT H=1XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



INOX

Hangable



Art.	€	D	Pack
E010/M020X040E1	€ 0,65	M 2 x 0.4	25
E010/M022X045E1	€ 0,65	M 2.2 x 0.45	25
E010/M025X045E1	€ 0,20	M 2.5 x 0.45	25
E010/M030X050E1	€ 0,20	M 3 x 0.5	25
E010/M035X060E1	€ 0,22	M 3.5 x 0.6	25
E010/M040X070E1	€ 0,20	M 4 x 0.7	25
E010/M050X080E1	€ 0,22	M 5 x 0.8	25
E010/M060X100E1	€ 0,25	M 6 x 1.0	25
E010/M070X100E1	€ 0,26	M 7 x 1.0	25
E010/M080X100E1	€ 0,29	M 8 x 1.0	25
E010/M080X125E1	€ 0,25	M 8 x 1.25	25
E010/M090X125E1	€ 0,35	M 9 x 1.25	25
E010/M100X100E1	€ 0,31	M 10 x 1.0	25
E010/M100X125E1	€ 0,31	M 10 x 1.25	25
E010/M100X150E1	€ 0,31	M 10 x 1.5	25
E010/M110X150E1	€ 0,53	M 11 x 1.5	10
E010/M120X100E1	€ 0,47	M 12 x 1.0	10
E010/M120X125E1	€ 0,47	M 12 x 1.25	10
E010/M120X150E1	€ 0,47	M 12 x 1.5	10
E010/M120X175E1	€ 0,47	M 12 x 1.75	10
E010/M140X100E1	€ 0,80	M 14 x 1.0	10
E010/M140X125E1	€ 0,66	M 14 x 1.25	10
E010/M140X150E1	€ 0,66	M 14 x 1.5	10
E010/M140X200E1	€ 0,66	M 14 x 2.0	10
E010/M160X150E1	€ 0,90	M 16 x 1.5	10
E010/M160X200E1	€ 0,90	M 16 x 2.0	10
E010/M180X150E1	€ 1,30	M 18 x 1.5	10
E010/M180X200E1	€ 1,30	M 18 x 2.0	10
E010/M180X250E1	€ 1,30	M 18 x 2.5	10
E010/M200X150E1	€ 1,52	M 20 x 1.5	10
E010/M200X200E1	€ 1,52	M 20 x 2.0	10
E010/M200X250E1	€ 1,52	M 20 x 2.5	10
E010/M220X150E1	€ 1,65	M 22 x 1.5	5
E010/M220X200E1	€ 1,65	M 22 x 2.0	5
E010/M220X250E1	€ 1,65	M 22 x 2.5	5
E010/M240X150E1	€ 2,07	M 24 x 1.5	5
E010/M240X200E1	€ 2,07	M 24 x 2.0	5
E010/M240X300E1	€ 2,07	M 24 x 3.0	5



E010-MXE15

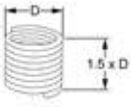
STAINLESS STEEL THREAD REPAIR INSERT H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E15	€ 0,84	M 2 x 0.4	25
E010/M022X045E15	€ 0,84	M 2.2 x 0.45	25
E010/M025X045E15	€ 0,21	M 2.5 x 0.45	25
E010/M030X050E15	€ 0,21	M 3 x 0.5	25
E010/M035X060E15	€ 0,25	M 3.5 x 0.6	25
E010/M040X070E15	€ 0,21	M 4 x 0.7	25
E010/M050X080E15	€ 0,19	M 5 x 0.8	25
E010/M060X100E15	€ 0,20	M 6 x 1.0	25
E010/M070X100E15	€ 0,31	M 7 x 1.0	25
E010/M080X100E15	€ 0,29	M 8 x 1.0	25
E010/M080X125E15	€ 0,25	M 8 x 1.25	25
E010/M090X100E15	€ 0,55	M 9 x 1.0	25
E010/M090X125E15	€ 0,47	M 9 x 1.25	25
E010/M100X100E15	€ 0,35	M 10 x 1.0	25
E010/M100X125E15	€ 0,35	M 10 x 1.25	25
E010/M100X150E15	€ 0,35	M 10 x 1.5	25
E010/M110X150E15	€ 0,59	M 11 x 1.5	10
E010/M120X100E15	€ 0,54	M 12 x 1.0	10
E010/M120X125E15	€ 0,54	M 12 x 1.25	10
E010/M120X150E15	€ 0,54	M 12 x 1.5	10
E010/M120X175E15	€ 0,54	M 12 x 1.75	10
E010/M140X100E15	€ 0,64	M 14 x 1.0	10
E010/M140X125E15	€ 0,64	M 14 x 1.25	10
E010/M140X150E15	€ 0,64	M 14 x 1.50	10
E010/M140X200E15	€ 0,64	M 14 x 2.0	10
E010/M160X150E15	€ 0,74	M 16 x 1.5	10
E010/M160X200E15	€ 0,74	M 16 x 2.0	10
E010/M180X150E15	€ 1,14	M 18 x 1.5	10
E010/M180X200E15	€ 1,14	M 18 x 2.0	10
E010/M180X250E15	€ 1,14	M 18 x 2.5	10
E010/M200X150E15	€ 1,46	M 20 x 1.5	10
E010/M200X200E15	€ 1,46	M 20 x 2.0	10
E010/M200X250E15	€ 1,46	M 20 x 2.5	10
E010/M220X150E15	€ 2,07	M 22 x 1.5	5
E010/M220X200E15	€ 2,07	M 22 x 2.0	5
E010/M220X250E15	€ 2,07	M 22 x 2.5	5
E010/M240X150E15	€ 2,20	M 24 x 1.5	5
E010/M240X200E15	€ 2,20	M 24 x 2.0	5
E010/M240X300E15	€ 2,20	M 24 x 3.0	5
E010/M260X150E15	€ 4,12	M 26 x 1.5	5
E010/M270X150E15	€ 4,12	M 27 x 1.5	5
E010/M270X200E15	€ 4,12	M 27 x 2.0	5
E010/M270X300E15	€ 4,12	M 27 x 3.0	5
E010/M280X150E15	€ 4,12	M 28 x 1.5	5
E010/M300X150E15	€ 5,00	M 30 x 1.5	5
E010/M300X200E15	€ 5,00	M 30 x 2.0	5
E010/M300X350E15	€ 5,00	M 30 x 3.5	5
E010/M330X200E15	€ 5,90	M 33 x 2.0	5
E010/M330X350E15	€ 5,90	M 33 x 3.5	5
E010/M360X150E15	€ 5,90	M 36 x 1.5	5
E010/M360X200E15	€ 5,90	M 36 x 2.0	5
E010/M360X300E15	€ 5,90	M 36 x 3.0	5
E010/M360X400E15	€ 5,90	M 36 x 4.0	5
E010/M390X300E15	€ 13,00	M 39 x 3.0	5
E010/M390X400E15	€ 13,00	M 39 x 4.0	5
E010/M400X300E15	€ 18,10	M 40 x 3.0	5
E010/M420X300E15	€ 18,10	M 42 x 3.0	5
E010/M420X450E15	€ 18,10	M 42 x 4.5	5
E010/M450X300E15	€ 21,70	M 45 x 3.0	5
E010/M450X450E15	€ 21,70	M 45 x 4.5	5
E010/M480X300E15	€ 21,70	M 48 x 3.0	5
E010/M480X500E15	€ 28,50	M 48 x 5.0	5
E010/M500X300E15	€ 28,50	M 50 x 3.0	5
E010/M520X300E15	€ 30,60	M 52 x 3.0	5
E010/M520X500E15	€ 30,60	M 52 x 5.0	5

E010-MXE2

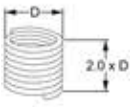
STAINLESS STEEL THREAD REPAIR INSERT H=2XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E2	€ 0,98	M 2 x 0.4	25
E010/M022X045E2	€ 0,98	M 2.2 x 0.45	25
E010/M025X045E2	€ 0,22	M 2.5 x 0.45	25
E010/M030X050E2	€ 0,22	M 3 x 0.5	25
E010/M035X060E2	€ 0,25	M 3.5 x 0.6	25
E010/M040X070E2	€ 0,22	M 4 x 0.7	25
E010/M050X080E2	€ 0,25	M 5 x 0.8	25
E010/M060X100E2	€ 0,29	M 6 x 1.0	25
E010/M070X100E2	€ 0,35	M 7 x 1.0	25
E010/M080X100E2	€ 0,37	M 8 x 1.0	25
E010/M080X125E2	€ 0,35	M 8 x 1.25	25
E010/M090X125E2	€ 0,47	M 9 x 1.25	25
E010/M100X100E2	€ 0,40	M 10 x 1.0	25
E010/M100X125E2	€ 0,40	M 10 x 1.25	25
E010/M100X150E2	€ 0,40	M 10 x 1.5	25
E010/M110X150E2	€ 0,64	M 11 x 1.5	10
E010/M120X100E2	€ 0,61	M 12 x 1.0	10
E010/M120X125E2	€ 0,61	M 12 x 1.25	10
E010/M120X150E2	€ 0,61	M 12 x 1.5	10
E010/M120X175E2	€ 0,61	M 12 x 1.75	10
E010/M140X100E2	€ 0,79	M 14 x 1.0	10
E010/M140X125E2	€ 0,79	M 14 x 1.25	10
E010/M140X150E2	€ 0,79	M 14 x 1.5	10
E010/M140X200E2	€ 0,79	M 14 x 2.0	10
E010/M160X150E2	€ 1,16	M 16 x 1.5	10
E010/M160X200E2	€ 1,16	M 16 x 2.0	10
E010/M180X150E2	€ 2,07	M 18 x 1.5	10
E010/M180X200E2	€ 2,07	M 18 x 2.0	10
E010/M180X250E2	€ 2,07	M 18 x 2.5	10
E010/M200X150E2	€ 2,47	M 20 x 1.5	10
E010/M200X200E2	€ 2,47	M 20 x 2.0	10
E010/M200X250E2	€ 2,47	M 20 x 2.5	10
E010/M220X150E2	€ 2,62	M 22 x 1.5	5
E010/M220X200E2	€ 2,62	M 22 x 2.0	5
E010/M220X250E2	€ 2,62	M 22 x 2.5	5
E010/M240X150E2	€ 2,74	M 24 x 1.5	5
E010/M240X200E2	€ 2,74	M 24 x 2.0	5
E010/M240X300E2	€ 2,74	M 24 x 3.0	5

E010-MXE25

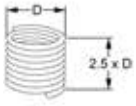
STAINLESS STEEL THREAD REPAIR INSERT H=2.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E25	€ 1,10	2 x 0.4	25
E010/M022X045E25	€ 1,10	2.2 x 0.45	25
E010/M025X045E25	€ 0,26	2.5 x 0.45	25
E010/M030X050E25	€ 0,26	3 x 0.5	25
E010/M035X060E25	€ 0,29	3.5 x 0.6	25
E010/M040X070E25	€ 0,26	4 x 0.7	25
E010/M050X080E25	€ 0,30	5 x 0.8	25
E010/M060X100E25	€ 0,35	6 x 1.0	25
E010/M070X100E25	€ 0,42	7 x 1.0	25
E010/M080X100E25	€ 0,44	8 x 1.0	25
E010/M080X125E25	€ 0,42	8 x 1.25	25
E010/M090X125E25	€ 0,52	9 x 1.25	25
E010/M100X100E25	€ 0,48	10 x 1.0	25
E010/M100X125E25	€ 0,48	10 x 1.25	25
E010/M100X150E25	€ 0,48	10 x 1.5	25
E010/M110X150E25	€ 0,72	11 x 1.5	10
E010/M120X100E25	€ 0,72	12 x 1.0	10
E010/M120X125E25	€ 0,72	12 x 1.25	10
E010/M120X150E25	€ 0,72	12 x 1.5	10
E010/M120X175E25	€ 0,72	12 x 1.75	10
E010/M140X100E25	€ 0,95	14 x 1.0	10
E010/M140X125E25	€ 0,95	14 x 1.25	10
E010/M140X150E25	€ 0,95	14 x 1.5	10
E010/M140X200E25	€ 0,95	14 x 2.0	10
E010/M160X150E25	€ 1,26	16 x 1.5	10
E010/M160X200E25	€ 1,26	16 x 2.0	10
E010/M180X150E25	€ 2,34	18 x 1.5	10
E010/M180X200E25	€ 2,34	18 x 2.0	10
E010/M180X250E25	€ 2,34	18 x 2.5	10
E010/M200X150E25	€ 2,74	20 x 1.5	10
E010/M200X200E25	€ 2,74	20 x 2.0	10
E010/M200X250E25	€ 2,74	20 x 2.5	10
E010/M220X150E25	€ 3,02	22 x 1.5	5
E010/M220X200E25	€ 3,02	22 x 2.0	5
E010/M220X250E25	€ 3,02	22 x 2.5	5
E010/M240X150E25	€ 3,29	24 x 1.5	5
E010/M240X200E25	€ 3,29	24 x 2.0	5
E010/M240X300E25	€ 3,29	24 x 3.0	5

E010-MXE3

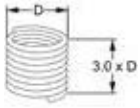
STAINLESS STEEL THREAD REPAIR INSERT H=3XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/M020X040E3	€ 1,37	M 2 x 0.4	25
E010/M022X045E3	€ 1,37	M 2.2 x 0.45	25
E010/M025X045E3	€ 0,31	M 2.5 x 0.45	25
E010/M030X050E3	€ 0,31	M 3 x 0.5	25
E010/M035X060E3	€ 0,35	M 3.5 x 0.6	25
E010/M040X070E3	€ 0,29	M 4 x 0.7	25
E010/M050X080E3	€ 0,36	M 5 x 0.8	25
E010/M060X100E3	€ 0,43	M 6 x 1.0	25
E010/M070X100E3	€ 0,49	M 7 x 1.0	25
E010/M080X100E3	€ 0,54	M 8 x 1.0	25
E010/M080X125E3	€ 0,49	M 8 x 1.25	25
E010/M090X125E3	€ 0,61	M 9 x 1.25	25
E010/M100X100E3	€ 0,58	M 10 x 1.0	25
E010/M100X125E3	€ 0,58	M 10 x 1.25	25
E010/M100X150E3	€ 0,58	M 10 x 1.5	25
E010/M110X150E3	€ 0,86	M 11 x 1.5	10
E010/M120X100E3	€ 0,86	M 12 x 1.0	10
E010/M120X125E3	€ 0,86	M 12 x 1.25	10
E010/M120X150E3	€ 0,86	M 12 x 1.5	10
E010/M120X175E3	€ 0,86	M 12 x 1.75	10
E010/M140X100E3	€ 1,16	M 14 x 1.0	10
E010/M140X125E3	€ 1,16	M 14 x 1.25	10
E010/M140X150E3	€ 1,16	M 14 x 1.5	10
E010/M140X200E3	€ 1,37	M 14 x 2.0	10
E010/M160X150E3	€ 1,37	M 16 x 1.5	10
E010/M160X200E3	€ 1,37	M 16 x 2.0	10
E010/M180X150E3	€ 2,74	M 18 x 1.5	10
E010/M180X200E3	€ 2,74	M 18 x 2.0	10
E010/M180X250E3	€ 2,74	M 18 x 2.5	10
E010/M200X150E3	€ 3,17	M 20 x 1.5	10
E010/M200X200E3	€ 3,17	M 20 x 2.0	10
E010/M200X250E3	€ 3,17	M 20 x 2.5	10
E010/M220X150E3	€ 3,44	M 22 x 1.5	5
E010/M220X200E3	€ 3,44	M 22 x 2.0	5
E010/M220X250E3	€ 3,44	M 22 x 2.5	5
E010/M240X150E3	€ 3,84	M 24 x 1.5	5
E010/M240X200E3	€ 3,84	M 24 x 2.0	5
E010/M240X300E3	€ 3,84	M 24 x 3.0	5



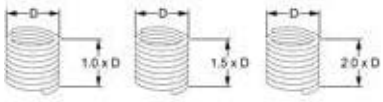
E010-MXEXA

SELF-LOCK STAINLESS STEEL THREAD REPAIR INSERT

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



INOX



Art.	€	D	Height	Pack
E010/M030X050E1A	€ 0,30	M 3 x 0.5	1.0 D	25
E010/M040X070E1A	€ 0,30	M 4 x 0.7	1.0 D	25
E010/M050X080E1A	€ 0,35	M 5 x 0.8	1.0 D	25
E010/M060X100E1A	€ 0,38	M 6 x 1.0	1.0 D	25
E010/M080X125E1A	€ 0,40	M 8 x 1.25	1.0 D	25
E010/M100X150E1A	€ 0,52	M 10 x 1.5	1.0 D	25
E010/M120X175E1A	€ 0,74	M 12 x 1.75	1.0 D	10
E010/M140X200E1A	€ 1,07	M 14 x 2.0	1.0 D	10
E010/M160X200E1A	€ 1,43	M 16 x 2.0	1.0 D	10
E010/M030X050E15A	€ 0,33	M 3 x 0.5	1.5 D	25
E010/M040X070E15A	€ 0,33	M 4 x 0.7	1.5 D	25
E010/M050X080E15A	€ 0,36	M 5 x 0.8	1.5 D	25
E010/M060X100E15A	€ 0,42	M 6 x 1.0	1.5 D	25
E010/M080X125E15A	€ 0,46	M 8 x 1.5	1.5 D	25
E010/M100X150E15A	€ 0,55	M 10 x 1.5	1.5 D	25
E010/M120X175E15A	€ 0,85	M 12 x 1.75	1.5 D	10
E010/M140X200E15A	€ 1,21	M 14 x 2.0	1.5 D	10
E010/M160X200E15A	€ 1,50	M 16 x 2.0	1.5 D	10
E010/M030X050E2A	€ 0,35	M 3 x 0.5	2.0 D	25
E010/M040X070E2A	€ 0,35	M 4 x 0.7	2.0 D	25
E010/M050X080E2A	€ 0,40	M 5 x 0.8	2.0 D	25
E010/M060X100E2A	€ 0,46	M 6 x 1.0	2.0 D	25
E010/M080X125E2A	€ 0,55	M 8 x 1.25	2.0 D	25
E010/M100X150E2A	€ 0,64	M 10 x 1.5	2.0 D	25
E010/M120X175E2A	€ 0,97	M 12 x 1.75	2.0 D	10
E010/M140X200E2A	€ 1,26	M 14 x 2.0	2.0 D	10
E010/M160X200E2A	€ 1,84	M 16 x 2.0	2.0 D	10

E010-BSWXEX

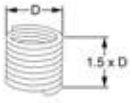
STAINLESS STEEL THREAD REPAIR INSERT BSW H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/BSW1/8E15	€ 1,01	1/8" x 40	10
E010/BSW3/16E15	€ 1,01	3/16" x 24	10
E010/BSW1/4E15	€ 0,47	1/4" x 20	10
E010/BSW5/16E15	€ 0,55	5/16" x 18	10
E010/BSW3/8E15	€ 0,86	3/8" x 16	10
E010/BSW7/16E15	€ 1,01	7/16" x 14	10
E010/BSW1/2E15	€ 1,01	1/2" x 12	10
E010/BSW9/16E15	€ 3,20	9/16" x 12	5
E010/BSW5/8E15	€ 3,20	5/8" x 11	5
E010/BSW3/4E15	€ 3,66	3/4" x 10	5
E010/BSW7/8E15	€ 5,50	7/8" x 9	5
E010/BSW1E15	€ 5,90	1" x 8	5

E010-BSFXEX

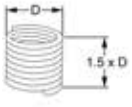
STAINLESS STEEL THREAD REPAIR INSERT BSF H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed



Hangable

INOX



Art.	€	D	Pack
E010/BSF3/16E15	€ 1,01	3/16" x 32	10
E010/BSF1/4E15	€ 0,47	1/4" x 26	10
E010/BSF5/16E15	€ 0,55	5/16" x 22	10
E010/BSF3/8E15	€ 0,86	3/8" x 20	10
E010/BSF7/16E15	€ 1,01	7/16" x 18	10
E010/BSF1/2E15	€ 1,01	1/2" x 16	10
E010/BSF9/16E15	€ 3,48	9/16" x 16	5
E010/BSF5/8E15	€ 3,48	5/8" x 14	5
E010/BSF3/4E15	€ 4,39	3/4" x 12	5
E010/BSF7/8E15	€ 5,50	7/8" x 11	5
E010/BSF1E15	€ 5,50	1" x 10	5

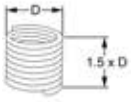
E010-BSPXEX

STAINLESS STEEL THREAD REPAIR INSERT BSP H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/BSP1/8E15	€ 0,78	1/8" x 28	10
E010/BSP1/4E15	€ 0,91	1/4" x 19	10
E010/BSP3/8E15	€ 1,19	3/8" x 19	10
E010/BSP1/2E15	€ 1,36	1/2" x 14	10
E010/BSP5/8E15	€ 3,66	5/8" x 14	5
E010/BSP3/4E15	€ 3,66	3/4" x 14	5
E010/BSP7/8E15	€ 11,00	7/8" x 14	5
E010/BSP1E15	€ 11,00	1" x 11	5

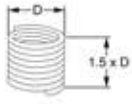
E010-UNFXEX

STAINLESS STEEL THREAD REPAIR INSERT UNF H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/UNFN04E15	€ 0,99	No. 4 x 48	10
E010/UNFN06E15	€ 0,99	No. 6 x 40	10
E010/UNFN08E15	€ 0,99	No. 8 x 36	10
E010/UNFN10E15	€ 0,39	No. 10 x 32	10
E010/UNF1/4E15	€ 0,39	1/4" x 28	10
E010/UNF5/16E15	€ 0,56	5/16" x 24	10
E010/UNF3/8E15	€ 0,81	3/8" x 24	10
E010/UNF7/16E15	€ 1,08	7/16" x 20	10
E010/UNF1/2E15	€ 1,08	1/2" x 20	10
E010/UNF9/16E15	€ 2,25	9/16" x 18	5
E010/UNF5/8E15	€ 2,25	5/8" x 18	5
E010/UNF3/4E15	€ 2,25	3/4" x 16	5
E010/UNF7/8E15	€ 5,80	7/8" x 14	5
E010/UNF1E15	€ 5,80	1" x 12	5

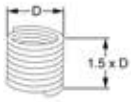
E010-UNCXEX

STAINLESS STEEL THREAD REPAIR INSERT UNC H=1.5XD

Rhomboid section, with spring shape, which creates two perfectly concentric threads; an external one that is coupled with the previously threaded hole with the appropriate male and an internal one where the fixing screw will be screwed

Hangable

INOX





Art.	€	D	Pack
E010/UNCN02E15	€ 1,14	No. 2 x 56	10
E010/UNCN04E15	€ 0,35	No. 4 x 40	10
E010/UNCN05E15	€ 0,42	No. 5 x 40	10
E010/UNCN06E15	€ 0,33	No. 6 x 32	10
E010/UNCN08E15	€ 0,33	No. 8 x 32	10
E010/UNCN10E15	€ 0,37	No. 10 x 24	10
E010/UNCN12E15	€ 0,44	No. 12 x 24	10
E010/UNC1/4E15	€ 0,44	1/4" x 20	10
E010/UNC5/16E15	€ 0,62	5/16" x 18	10
E010/UNC3/8E15	€ 0,81	3/8" x 16	10
E010/UNC7/16E15	€ 1,08	7/16" x 14	10
E010/UNC1/2E15	€ 1,08	1/2" x 13	10
E010/UNC9/16E15	€ 1,16	9/16" x 12	5
E010/UNC5/8E15	€ 2,32	5/8" x 11	5
E010/UNC3/4E15	€ 3,29	3/4" x 10	5
E010/UNC7/8E15	€ 4,94	7/8" x 9	5
E010/UNC1E15	€ 4,94	1" x 8	5

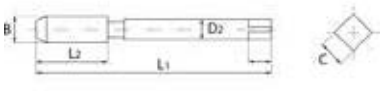
E011-MXM

METRIC F-COIL STI TAP

Special type for creating the threaded insert housing seat



Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use



Art.	€	Size	B	L1	L2	D2	C
E011/M020X040M	€ 10,40	M 2 x 0.40	2.5 mm	44.5 mm	9.5 mm	2.8 mm	2.24 mm
E011/M025X045M	€ 10,40	M 2.5 x 0.45	3.1 mm	48.0 mm	11.0 mm	3.15 mm	2.5 mm
E011/M030X050M	€ 10,40	M 3 x 0.5	3.6 mm	53.0 mm	13.0 mm	4.0 mm	3.15 mm
E011/M035X060M	€ 10,40	M 3.5 x 0.6	4.3 mm	53.0 mm	13.0 mm	4.5 mm	3.55 mm
E011/M040X070M	€ 10,40	M 4 x 0.7	4.9 mm	58 mm	16.0 mm	5.0 mm	4.00 mm
E011/M050X080M	€ 10,40	M 5 x 0.8	6.0 mm	66.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/M060X100M	€ 10,40	M 6 x 1.0	7.3 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/M070X100M	€ 12,10	M 7 x 1.0	8.3 mm	72.0 mm	22.0 mm	9.0 mm	7.10 mm
E011/M080X100M	€ 12,10	M 8 x 1.0	9.3 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/M080X125M	€ 12,10	M 8 x 1.25	9.6 mm	80.0 mm	24.0 mm	8.0 mm	8.00 mm
E011/M090X100M	€ 13,80	M 9 x 1.0	10.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M090X125M	€ 13,80	M 9 x 1.25	10.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X100M	€ 13,80	M 10 x 1.0	11.3 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X125M	€ 13,80	M 10 x 1.25	11.6 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/M100X150M	€ 13,80	M 10 x 1.5	11.9 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/M110X150M	€ 18,10	M 11 x 1.5	12.9 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/M120X100M	€ 18,10	M 12 x 1.0	13.3 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M120X125M	€ 19,00	M 12 x 1.25	13.6 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M120X150M	€ 19,00	M 12 x 1.5	14.0 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm

Art.	€	Size	B	L1	L2	D2	C
E011/M120X175M	€ 19,00	M 12 x 1.75	14.3 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/M140X100M	€ 21,60	M 14 x 1.0	15.3 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X125M	€ 21,60	M 14 x 1.25	15.6 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X150M	€ 21,60	M 14 x 1.5	16.0 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M140X200M	€ 21,60	M 14 x 2.0	16.6 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/M160X150M	€ 26,80	M 16 x 1.5	18.0 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M160X200M	€ 26,80	M 16 x 2.0	18.6 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/M180X150M	€ 28,50	M 18 x 1.5	20.0 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M180X200M	€ 28,50	M 18 x 2.0	20.6 mm	104.0 mm	29.0 mm	14.0 mm	11.20 mm
E011/M180X250M	€ 28,50	M 18 x 2.5	21.3 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/M200X150M	€ 31,90	M 20 x 1.5	22.0 mm	113.0 mm	33.0 mm	16.0 mm	12.50 mm
E011/M200X200M	€ 31,90	M 20 x 2.0	22.6 mm	113.0 mm	33.0 mm	16.0 mm	12.50 mm
E011/M200X250M	€ 31,90	M 20 x 2.5	23.3 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/M220X150M	€ 40,60	M 22 x 1.5	24.0 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M220X200M	€ 40,60	M 22 x 2.0	24.6 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M220X250M	€ 40,60	M 22 x 2.5	25.3 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/M240X150M	€ 43,30	M 24 x 1.5	26.0 mm	120.0 mm	35.0 mm	18.0 mm	14.00 mm
E011/M240X200M	€ 43,30	M 24 x 2.0	26.6 mm	127.0 mm	37.0 mm	20.0 mm	16.00 mm
E011/M240X300M	€ 43,30	M 24 x 3.0	27.9 mm	138.0 mm	48.0 mm	20.0 mm	16.00 mm

E011-MXM2

METRIC F-COIL 2 PCS STI TAPS

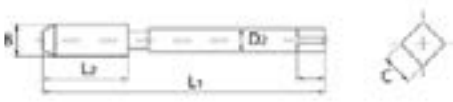
Special type for creating the threaded insert housing seat

Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use

Art.	€	Size	B	L1	L2	D2	C
E011/M260X150M	€ 143,00	M 26 x 1.5	28.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X150M	€ 143,00	M 27 x 1.5	29.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X200M	€ 143,00	M 27 x 2.0	29.6 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M270X300M	€ 143,00	M 27 x 3.0	30.9 mm	151 mm	51 mm	22.4 mm	18.0 mm
E011/M280X150M	€ 173,00	M 28 x 1.5	30.0 mm	127 mm	37 mm	20.0 mm	16.0 mm
E011/M300X150M	€ 173,00	M 30 x 1.5	32.0 mm	137 mm	37 mm	22.4 mm	18.0 mm
E011/M300X200M	€ 173,00	M 30 x 2.0	32.6 mm	137 mm	37 mm	22.4 mm	18.0 mm
E011/M300X350M	€ 173,00	M 30 x 3.5	34.6 mm	162 mm	57 mm	25.0 mm	20.0 mm
E011/M330X200M	€ 173,00	M 33 x 2.0	35.6 mm	144 mm	37 mm	25.0 mm	20.0 mm
E011/M330X350M	€ 173,00	M 33 x 3.5	37.6 mm	162 mm	57 mm	25.0 mm	20.0 mm
E011/M360X150M	€ 199,00	M 36 x 1.5	38.0 mm	150 mm	39 mm	28.0 mm	22.4 mm
E011/M360X200M	€ 199,00	M 36 x 2.0	38.6 mm	150 mm	39 mm	28.0 mm	22.4 mm
E011/M360X300M	€ 199,00	M 36 x 3.0	39.9 mm	170 mm	60 mm	28.0 mm	22.4 mm
E011/M360X400M	€ 199,00	M 36 x 4.0	41.2 mm	170 mm	60 mm	28.0 mm	22.4 mm
E011/M390X300M	€ 300,00	M 39 x 3.0	42.9 mm	149 mm	39 mm	28.0 mm	26.0 mm
E011/M390X400M	€ 256,00	M 39 x 4.0	44.2 mm	187 mm	67 mm	31.5 mm	28.0 mm
E011/M400X300M	€ 256,00	M 40 x 3.0	43.9 mm	149 mm	39 mm	28.0 mm	26.0 mm
E011/M420X300M	€ 423,00	M 42 x 3.0	45.9 mm	165 mm	45 mm	31.5 mm	28.0 mm
E011/M420X450M	€ 278,00	M 42 x 4.5	47.9 mm	187 mm	67 mm	31.5 mm	28.0 mm
E011/M450X300M	€ 423,00	M 45 x 3.0	48.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M450X450M	€ 323,00	M 45 x 4.5	50.9 mm	200 mm	70 mm	35.5 mm	31.0 mm
E011/M480X300M	€ 522,00	M 48 x 3.0	51.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M480X500M	€ 356,00	M 48 x 5.0	54.5 mm	200 mm	70 mm	35.5 mm	31.0 mm
E011/M500X300M	€ 389,00	M 50 x 3.0	53.9 mm	175 mm	45 mm	35.5 mm	31.0 mm
E011/M520X300M	€ 722,00	M 52 x 3.0	55.9 mm	193 mm	48 mm	40.0 mm	34.0 mm
E011/M520X500M	€ 611,00	M 52 x 3.0	58.5 mm	221 mm	76 mm	40.0 mm	34.0 mm



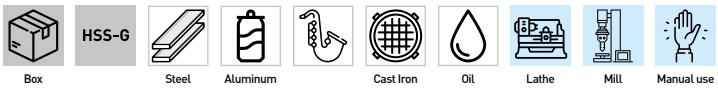




E011-MXMC

METRIC F-COIL STI COMBINED TAP

Special type for creating the threaded insert housing seat





Art.	€	Size	B1	B2	L3	L2	L1	D2	C
E011/M060X100MC	€ 14,70	M 6 x 1.0	7.3 mm	6 mm	7 mm	28 mm	70 mm	8 mm	6.3 mm
E011/M080X125MC	€ 14,70	M 8 x 1.25	9.6 mm	8 mm	9 mm	32 mm	75 mm	8 mm	6.3 mm
E011/M100X100MC	€ 20,80	M 10 x 1.0	11.3 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6.3 mm
E011/M100X125MC	€ 20,80	M 10 x 1.25	11.6 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6.3 mm
E011/M100X150MC	€ 20,80	M 10 x 1.5	11.9 mm	10 mm	9 mm	37 mm	80 mm	9 mm	7.1 mm
E011/M120X125MC	€ 26,80	M 12 x 1.25	13.6 mm	12 mm	9 mm	32 mm	75 mm	9 mm	7.1 mm
E011/M140X125MC	€ 29,40	M 14 x 1.25	15.6 mm	14 mm	10 mm	45 mm	90 mm	12 mm	9.2 mm
E011/M180X150MC	€ 43,30	M 18 x 1.25	20.0 mm	18 mm	10 mm	47 mm	116 mm	16 mm	12.5 mm

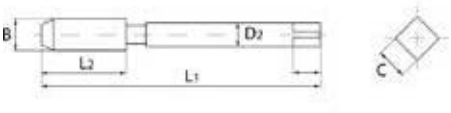
E011-BSWXM

BSW F-COIL STI TAP

Special type for creating the threaded insert housing seat







Art.	€	Size	B	L1	L2	D2	C
E011/BSW1/8M	€ 9,60	1/8" x 40	3.9 mm	53.0 mm	13.0 mm	4.0 mm	3.15 mm
E011/BSW3/16M	€ 9,60	3/16" x 24	6.0 mm	56.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/BSW1/4M	€ 9,60	1/4" x 20	7.8 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/BSW5/16M	€ 10,40	5/16" x 18	9.6 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/BSW3/8M	€ 11,20	3/8" x 16	11.4 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/BSW7/16M	€ 12,10	7/16" x 14	13.2 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/BSW1/2M	€ 13,40	1/2" x 12	15.2 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSW9/16M	€ 20,20	9/16" x 12	16.8 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSW5/8M	€ 24,80	5/8" x 11	18.6 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/BSW3/4M	€ 30,00	3/4" x 10	22.0 mm	118.0 mm	38.0 mm	16.0 mm	12.50 mm
E011/BSW7/8M	€ 40,50	7/8" x 9	25.5 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/BSW1M	€ 40,50	1" x 8	29.1 mm	138.0 mm	48.0 mm	20.0 mm	16.0 mm

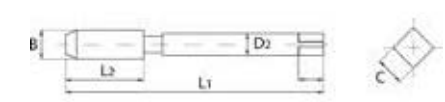
E011-BSFXM

BSF F-COIL STI TAP

Special type for creating the threaded insert housing seat







Art.	€	Size	B	L1	L2	D2	C
E011/BSF3/16M	€ 9,60	3/16" x 32	5.7 mm	66.0 mm	19.0 mm	6.3 mm	5.00 mm
E011/BSF1/4M	€ 9,60	1/4" x 26	7.5 mm	72.0 mm	22.0 mm	8.0 mm	6.30 mm
E011/BSF5/16M	€ 10,40	5/16" x 22	9.3 mm	80.0 mm	24.0 mm	10.0 mm	8.00 mm
E011/BSF3/8M	€ 11,20	3/8" x 20	11.0 mm	85.0 mm	25.0 mm	8.0 mm	6.30 mm
E011/BSF7/16M	€ 12,10	7/16" x 18	12.8 mm	89.0 mm	29.0 mm	9.0 mm	7.10 mm
E011/BSF1/2M	€ 13,40	1/2" x 16	14.6 mm	95.0 mm	30.0 mm	11.2 mm	9.00 mm
E011/BSF9/16M	€ 20,20	9/16" x 16	16.2 mm	102.0 mm	32.0 mm	12.5 mm	10.00 mm
E011/BSF5/8M	€ 24,80	5/8" x 14	18.0 mm	112.0 mm	37.0 mm	14.0 mm	11.20 mm
E011/BSF3/4M	€ 30,00	3/4" x 12	21.5 mm	118.0 mm	38.0 mm	16.0 mm	12.5 mm
E011/BSF7/8M	€ 40,50	7/8" x 11	24.9 mm	130.0 mm	45.0 mm	18.0 mm	14.00 mm
E011/BSF1M	€ 40,50	1" x 10	28.4 mm	138.0 mm	48.0 mm	20.0 mm	16.00 mm

E011-BSPXM

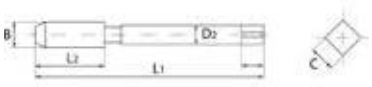
BSP F-COIL STI 2 PCS TAPS

Special type for creating the threaded insert housing seat



Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill

Art.	€	Size	B	L1	L2	D2	C
E011/BSP1/8M	€ 25,00	1/8" x 28	10.8 mm	59 mm	15 mm	8.0 mm	6.3 mm
E011/BSP1/4M	€ 25,90	1/4" x 19	14.7 mm	67 mm	19 mm	11.2 mm	9.0 mm
E011/BSP3/8M	€ 33,70	3/8" x 19	18.3 mm	75 mm	21 mm	14.0 mm	11.2 mm
E011/BSP1/2M	€ 52,70	1/2" x 14	23.1 mm	87 mm	26 mm	16.0 mm	12.5 mm
E011/BSP5/8M	€ 74,30	5/8" x 14	25.1 mm	91 mm	26 mm	18.0 mm	14.0 mm
E011/BSP3/4M	€ 74,30	3/4" x 14	28.6 mm	96 mm	28 mm	20.0 mm	16.0 mm
E011/BSP7/8M	€ 117,00	7/8" x 14	32.4 mm	102 mm	29 mm	22.4 mm	18.0 mm
E011/BSP1M	€ 117,00	1" x 11	36.0 mm	109 mm	33 mm	25.0 mm	20.0 mm



E011-UX

F-COIL MOUNTING TOOL

Art.	€	Metric	Inch
E011/U02	€ 7,40	M 2 x 0.4 - M 2.2 x 0.45	UNC N02
E011/U03	€ 7,40	M 2.5 x 0.45	-
E011/U04	€ 7,40	M 3 x 0.5	UNC N05 - UNC/UNF N04 - BSW 1/8"
E011/U05	€ 7,40	M 3.5 x 0.6	UNC/UNF N06
E011/U06	€ 7,40	M 4 x 0.7	UNC/UNF N08
E011/U08	€ 7,40	M 5 x 0.8	UNF N10 - UNC N12 - BSF 3/16"
E011/U09	€ 7,40	M 6 x 1.0	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/U10	€ 7,40	M 7 x 1.0	UNC/BSW 5/16"
E011/U11	€ 8,20	M 8 x 1.25 - M 8 x 1.0	UNF/BSF 5/16"
E011/U12	€ 12,50	M 9 x 1.25 - M 9 x 1.0	UNC/BSW 3/8"
E011/U13	€ 12,50	M 10 x 1.5 - M 10 x 1.0 - M 10 x 1.25	UNF/BSF 3/8"
E011/U14	€ 13,50	M 11 x 1.5	UNC/UNF 7/16" - BSW-BSF 7/16"
E011/U15	€ 13,50	M 12 x 1.75 - M 12 x 1.5 - M 12 x 1.25 - M 12 x 1.0	UNC/UNF 1/2" - BSW-BSF 1/2"
E011/U16	€ 15,40	M 14 x 2.0 - M 14 x 1.5	UNC/UNF 9/16" - BSW-BSF 9/16"
E011/U17	€ 15,40	M 14 x 1.25 - M 14 x 1.0	-
E011/U18	€ 16,80	M 16 x 2.0 - M 16 x 1.5	UNC/UNF 5/8" - BSW-BSF 5/8"
E011/U20	€ 16,80	M 18 x 2.5 - M 18 x 2.0 - M 18 x 1.5	UNC 3/4" - BSW-BSF 3/4"
E011/U21	€ 16,80	M 20 x 2.5 - M 20 x 2.0 - M 20 x 1.5	UNF 3/4"
E011/U22	€ 21,20	M 22 x 2.5 - M 22 x 2.0 - M 22 x 1.5	UNC/UNF 7/8" - BSW-BSF 7/8"
E011/U23	€ 21,20	M 24 x 3.0 - M 24 x 2.0 - M 24 x 1.5	UNC/UNF 1" - BSW-BSF 1"



E011-UMX

F-COIL MOUNTING TOOL HEXAGONAL DRIVE

Art.	€	Diameter	Hex drive
E011/UM260X150	€ 25,00	M 26 x 1.5	1/2"
E011/UM270X150	€ 25,00	M 27 x 1.5	1/2"
E011/UM270X200	€ 25,00	M 27 x 2.0	1/2"
E011/UM270X300	€ 25,00	M 27 x 3.0	1/2"
E011/UM280X150	€ 25,00	M 28 x 1.5	1/2"
E011/UM300X150	€ 27,90	M 30 x 1.5	1/2"
E011/UM300X200	€ 27,90	M 30 x 2.0	1/2"
E011/UM300X350	€ 27,90	M 30 x 3.5	1/2"
E011/UM330X200	€ 34,60	M 33 x 2.0	1/2"
E011/UM330X350	€ 34,60	M 33 x 3.5	1/2"
E011/UM360X150	€ 34,60	M 36 x 1.5	1/2"
E011/UM360X200	€ 34,60	M 36 x 2.0	1/2"
E011/UM360X300	€ 34,60	M 36 x 3.0	1/2"
E011/UM360X400	€ 34,60	M 36 x 4.0	1/2"



E011-AX

F-COIL TANG BREAKING TOOL

Art.	€	Metric	Inch
E011/A02	€ 2,41	M 2 x 0.4 - M 2.2 x 0.45	UNC N02
E011/A03	€ 2,41	M 2.5 x 0.45	-
E011/A04	€ 2,41	M 3 x 0.5	UNC/UNF N04
E011/A05	€ 2,41	M 3.5 x 0.6	UNC/UNF N06
E011/A06	€ 2,41	M 4 x 0.7	UNC N10 - UNC/UNF N08 - BSF 3/16"
E011/A08	€ 2,41	M 5 x 0.8	UNF N10 - UNC N12 - BSF 3/16"
E011/A09	€ 2,41	M 6 x 1.0	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/A11	€ 2,71	M 7 x 1.0 - M 8 x 1.0 - M 8 x 1.25	UNC/UNF 5/16" - BSW/BSF 5/16"
E011/A12	€ 2,71	M 9 x 1.0 - M 9 x 1.25	UNC 3/8" - BSW/BSF 3/8"
E011/A13	€ 2,71	M 10 x 1.5 - M 10 x 1.0 - M 10 x 1.25	UNF 3/8"
E011/A14	€ 3,27	M 11 x 1.5	UNC/UNF 7/16" - BSW/BSF 7/16"
E011/A15	€ 3,27	M 12 x 1.5 - M 12 x 1.0 - M 12 x 1.25 - M 12 x 1.75	UNC/UNF 1/2" - BSW/BSF 1/2"



E011-EX

F-COIL PULLER

Art.	€	Metric	Inch
E011/E2	€ 15,60	M 3 - M 10	3/16" - 3/8"
E011/E3	€ 19,00	M 11 - M 25	3/8" - 1"



LBX

BI-METAL BANDSAW BLADE FOR METAL

Welded in standard length

HSS CO 8% | Steel | Aluminum | Non-ferr. alloys | Plastic | Plexiglass | Cast Iron | Emulsion | Band saw







Art.	€	Sizes	Specifications	Pitch
LB01/1140	€ 17,10	1140 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1325	€ 18,90	1325 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1335	€ 19,10	1335 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1435	€ 20,10	1435 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1440	€ 20,10	1440 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1638	€ 22,10	1638 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1735	€ 23,20	1735 x 13 x 0.65 mm	T 8 / 12 Bi-Metal	Variable
LB02/1140	€ 17,10	1140 x 13 x 0.65 mm	T 6 Bi-Metal	Fix
LB02/1435	€ 20,10	1435 x 13 x 0.65 mm	T 6 Bi-Metal	Fix
LB05/1735	€ 23,90	1735 x 13 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2000	€ 28,00	2000 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2080	€ 28,80	2080 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2100	€ 29,00	2100 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2140	€ 29,50	2140 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2160	€ 29,80	2160 x 20 x 0.9 mm	T 8 / 12 Bi-Metal	Variable
LB08/2000	€ 28,00	2000 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2080	€ 28,80	2080 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2100	€ 29,00	2100 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2140	€ 29,50	2140 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2160	€ 29,80	2160 x 20 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB09/2375	€ 32,10	2375 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2450	€ 34,30	2450 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable

Art.	€	Sizes	Specifications	Pitch
LB09/2500	€ 35,60	2500 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2750	€ 38,70	2750 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2825	€ 39,60	2825 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2845	€ 39,80	2845 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2945	€ 41,00	2945 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2950	€ 41,20	2950 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3010	€ 41,90	3010 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3100	€ 42,90	3100 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3120	€ 43,30	3120 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3150	€ 43,50	3150 x 27 x 0.9 mm	T 8 / 11 Bi-Metal	Variable
LB10/2375	€ 32,10	2375 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2450	€ 34,30	2450 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2500	€ 35,60	2500 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2750	€ 38,70	2750 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2825	€ 39,60	2825 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2845	€ 39,80	2845 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2945	€ 41,00	2945 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2950	€ 41,20	2950 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3010	€ 41,90	3010 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3100	€ 42,90	3100 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3120	€ 43,30	3120 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3150	€ 43,50	3150 x 27 x 0.9 mm	T 5 / 7 Bi-Metal	Variable

07X

WOOD CARBIDE TIPPED SAW BLADES

With alternate universal teeth



Blister | HSS | HM | 10° | Wood | Multilayer | Chipboard | Circular saw

Art.	€	ø	Teeth Z	Hole	Cut thickness	Blade thickness	rpm max
0685	€ 29,40	254 mm	24	ø 30 mm	3,2 mm	2,2 mm	6300
0702	€ 49,20	250 mm	60	ø 30 mm	3,2 mm	2,2 mm	7000
0703	€ 56,70	250 mm	80	ø 30 mm	3,2 mm	2,2 mm	7000
0704	€ 72,80	300 mm	72	ø 30 mm	3,2 mm	2,2 mm	6000
0705	€ 78,60	300 mm	96	ø 30 mm	3,2 mm	2,2 mm	6000
0899	€ 54,30	315 mm	25	ø 30 mm	2,8 mm	1,8 mm	6000
0745	€ 89,20	350 mm	54	ø 30 mm	3,5 mm	2,5 mm	5000
0707	€ 90,60	400 mm	48	ø 30 mm	3,5 mm	2,5 mm	4500
0746	€ 156,00	450 mm	60	ø 30 mm	4 mm	3,0 mm	4000

0762-

ALUMINIUM AND PLASTIC CARBIDE TIPPED SAW BLADE

Trapezoidal flat toothing with alternating sharpening



Box | HSS | HM | Aluminum | Plastic | Plexiglass | Composites | Water | Dry | Circular saw

Art.	€	ø	Teeth Z	Hole	Cut thickness	Blade thickness	rpm max
0762/250	€ 58,10	250 mm	60	ø 32 mm	3,2 mm	2,8 mm	7000
0762/300	€ 73,30	300 mm	72	ø 32 mm	3,2 mm	2,8 mm	6000

N7X

BLADE FOR WOOD

Blade for shaped cutting of thin wood







Art.	€	Sizes	Specifications
N194	**€ 23,20**	1400 x 6 x 0.36 mm	T6
N717/N	**€ 23,20**	1430 x 6 x 0,36 mm	T6
N188	**€ 27,40**	1790 x 6 x 0.36 mm	T10
N190	**€ 27,40**	1826 x 6 x 0.36 mm	T10
N855/N2	**€ 26,30**	2240 x 13 x 0,65 mm	T8
N186	**€ 23,50**	2400 x 13 x 0.65 mm	T8
N192	**€ 23,50**	2560 x 13 x 0.65 mm	T8
N764/N2	**€ 26,30**	2950 x 13 x 0,65 mm	T6
N764/455/N2	**€ 36,60**	3430 x 16 x 0,65 mm	T6

N7X1

BLADES FOR WOOD

Blade for straight cut of thick wood







Art.	€	Sizes	Specifications
N195	**€ 23,20**	1400 x 10 x 0,36 mm	T6
N717/N1	**€ 23,20**	1430 x 10 x 0,36 mm	T6
N189	**€ 27,40**	1790 x 10 x 0.36 mm	T6
N191	**€ 27,40**	1826 x 10 x 0.36 mm	T6
N855/N	**€ 26,30**	2240 x 16 x 0,65 mm	T4
N187	**€ 23,50**	2400 x 16 x 0.65 mm	T4
N193	**€ 23,50**	2560 x 16 x 0.65 mm	T4
N764/N	**€ 26,30**	2950 x 16 x 0,65 mm	T4
N764/455/N	**€ 36,60**	3430 x 20 x 0,65 mm	T4





DISCHI LAMELLARI

p. 244 — Professional
p. 250 — Performance
p. 254 — Grindflex
p. 258 — Smartflex
p. 261 — Specialty
p. 265 — Fast Lock

PULITURA

p. 281 — Surface Conditioning
p. 283 — Nylon abrasivo
p. 284 — Non woven

MOLE E DISCHI DA TAGLIO

p. 296 — Dischi da taglio
p. 300 — Dischi da sbavo
p. 302 — Mole abrasive con foro
p. 303 — Mole abrasive con gambo
p. 305 — Dischi diamantati

FINITURA E LUCIDATURA

p. 285 — Feltro e paste abrasive
p. 287 — Sisal, cotone e lana
p. 290 — Spugne e gomme abrasive

RUOTE ABRASIVE

p. 226 — Ruote con gambo
p. 267 — Ruote con foro
p. 268 — Ruote per satinatrici

SPAZZOLE A FILO

p. 291 — Spazzole con foro
p. 293 — Spazzole con gambo

DISCHI E NASTRI ABRASIVI

p. 271 — Dischi in fibra
p. 272 — Dischi adesivi e velcrati
p. 276 — Rotoli e fogli
p. 278 — Nastri

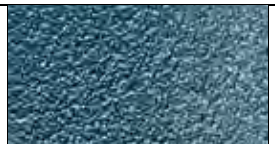
RIFLEX, SPECIFIC EXPERIENCE MADE IN ITALY

Since 1982, Riflex has stood out on the international stage thanks to its specific MADE IN ITALY experience in the production of flap discs made of corundum, zirconium and ceramic zirconium with supports made from both nylon and fibreglass, and in the manufacture of automatic systems for their production, testing and packaging.

Riflex oversees the entire production chain thanks to relationships spanning decades with key suppliers of raw materials (abrasive backing plates, supports and glue). More than thirty years of experience has allowed the company to develop its own recipes and quality protocols which are among the highest levels worldwide.



ABRASIVE CLOTH

		Zirconio Cotone peso X	For common, alloyed and stainless steels. Cotton backing, excellent performance and durability. This cloth is declined in various performance steps based on the product families.
		Corindone Cotone peso X	For metals and wood, for standard processing. Cotton support. This cloth is declined in various performance steps based on the product families.
SPECIALTY		Zircoceramico Polycotton	Specially designed for processing stainless steel. Third cooling layer, polycotton backing, high cutting speed.
SPECIALTY		Ceramico Polycotton	Specially designed for processing stainless steel, for heavy stock removal. Third cooling layer, extremely resistant polycotton backing, maximum cutting speed.
SPECIALTY		Abranet® Rete in poliammide	Specially designed for clogging materials such as non-ferrous metals (aluminum, copper, brass, zinc, magnesium), wood and composite materials. The particular polyamide mesh structure prevents the formation of accumulations and clogging, ensuring great advantages: impeccable finishes and constant effectiveness, maximizing performance and reducing processing costs.

FLAP DISCS

FERVI BY RIFLEX



PROFESSIONAL
PROFESSIONAL TOP LINE

Professional long-life discs with high removal speeds for the most demanding users, powered by Norton™ abrasive cloth.



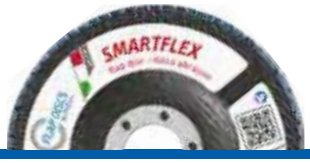
PERFORMANCE
HIGH PERFORMANCE

Wide range of professional flap discs based on aluminum oxide or zirconia.



GRINDFLEX
MULTI PURPOSE

The "best seller", suitable for massive removals and finishing on most types of ferrous and non-ferrous metal surfaces.



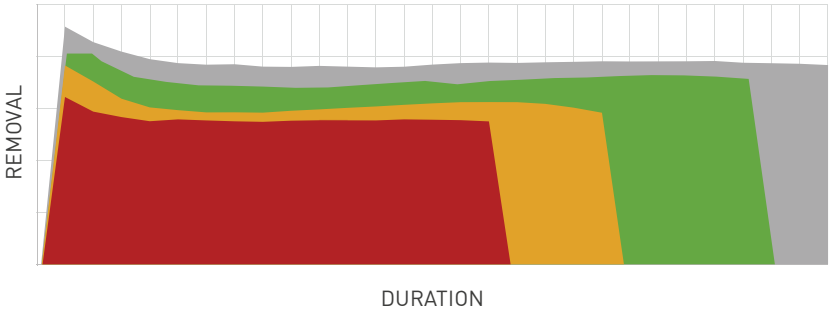
SMARTFLEX
VALUE FOR MONEY

The best price with professional performances.
For removal and finishing operations.



SPECIALTY
FOR SPECIAL WORKING

Range of discs for professional working on stainless steel, non-ferrous metals (aluminum, copper, etc.).

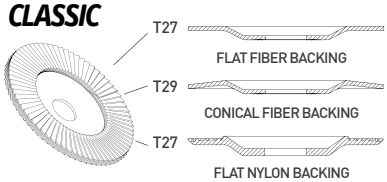


SMARTFLEX
PERFORMANCE
GRINDFLEX
PROFESSIONAL

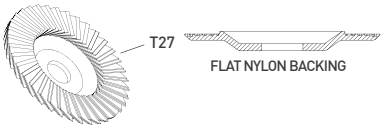
Our tests are carried out with Riflex machines using a 1200W electric tool with a constant pressure of 4 kg on a S235JR (Fe360) steel test specimen with 2.5 min steps.

DISC TYPE

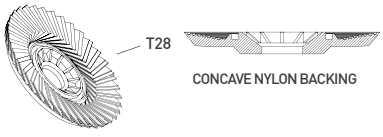
CLASSIC



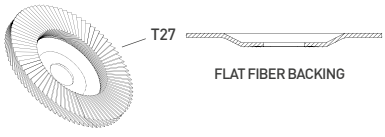
DUAL FLAP



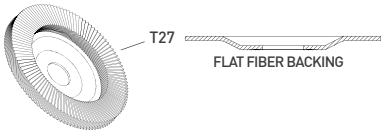
REAL FLAT



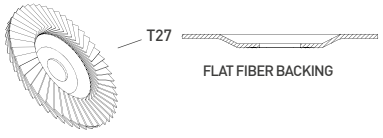
BIGGER



TIGER



RAPTOR



Norton (TM) Inside
PROFESSIONAL

PROFESSIONAL TOP LINE

Professional long-life discs with high removal speeds for the most demanding users, powered by Norton™ abrasive cloth.

For heavy removal, major deburring - Designed for professional users and medium and large companies. Ideal for machining large metal sheets, removing large weld seams and requiring long disk life.

DF8100-Z

PROFESSIONAL FLAP DISC CLASSIC

Zr Zirconium | Glass fiber | T27 | Single | EN 13743 | C Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF8100.111	€ 2,31	115 x 22 mm	36	13300	10
DF8100.112	€ 2,31	115 x 22 mm	40	13300	10
DF8100.114	€ 2,31	115 x 22 mm	60	13300	10
DF8100.115	€ 2,31	115 x 22 mm	80	13300	10
DF8100.117	€ 2,31	115 x 22 mm	120	13300	10
DF8100.121	€ 2,89	125 x 22 mm	36	12250	10
DF8100.122	€ 2,89	125 x 22 mm	40	12250	10
DF8100.124	€ 2,89	125 x 22 mm	60	12250	10
DF8100.125	€ 2,89	125 x 22 mm	80	12250	10
DF8100.181	€ 4,80	180 x 22 mm	36	8500	10
DF8100.182	€ 4,80	180 x 22 mm	40	8500	10
DF8100.184	€ 4,80	180 x 22 mm	60	8500	10
DF8100.185	€ 4,80	180 x 22 mm	80	8500	10



DF8150-Z

PROFESSIONAL FLAP DISC CLASSIC

Zr Zirconium | Glass fiber | T29 | Single | EN 13743 | C Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF8150.111	€ 2,31	115 x 22 mm	36	13300	10
DF8150.112	€ 2,31	115 x 22 mm	40	13300	10
DF8150.114	€ 2,31	115 x 22 mm	60	13300	10
DF8150.115	€ 2,31	115 x 22 mm	80	13300	10
DF8150.117	€ 2,31	115 x 22 mm	120	13300	10
DF8150.121	€ 2,89	125 x 22 mm	36	12250	10
DF8150.122	€ 2,89	125 x 22 mm	40	12250	10
DF8150.124	€ 2,89	125 x 22 mm	60	12250	10
DF8150.125	€ 2,89	125 x 22 mm	80	12250	10
DF8150.181	€ 4,80	180 x 22 mm	36	8500	10
DF8150.182	€ 4,80	180 x 22 mm	40	8500	10
DF8150.184	€ 4,80	180 x 22 mm	60	8500	10
DF8150.185	€ 4,80	180 x 22 mm	80	8500	10

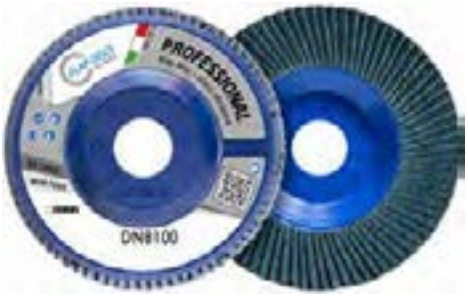


DN8100-Z

PROFESSIONAL FLAP DISC CLASSIC

Zr Zirconium | Nylon | T27 | Single | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN8100.111	€ 2,31	115 x 22 mm	36	13300	10
DN8100.112	€ 2,31	115 x 22 mm	40	13300	10
DN8100.114	€ 2,31	115 x 22 mm	60	13300	10
DN8100.115	€ 2,31	115 x 22 mm	80	13300	10
DN8100.117	€ 2,31	115 x 22 mm	120	13300	10
DN8100.122	€ 2,89	125 x 22 mm	40	12250	10
DN8100.124	€ 2,89	125 x 22 mm	60	12250	10
DN8100.125	€ 2,89	125 x 22 mm	80	12250	10
DN8100.182	€ 4,80	180 x 22 mm	40	8500	10
DN8100.184	€ 4,80	180 x 22 mm	60	8500	10
DN8100.185	€ 4,80	180 x 22 mm	80	8500	10



DN8300-Z

PROFESSIONAL FLAP DISC DUAL FLAP

Zr Zirconium | Nylon | T27 | Double | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN8300.111	€ 2,31	115 x 22 mm	36	13300	10
DN8300.112	€ 2,31	115 x 22 mm	40	13300	10
DN8300.114	€ 2,31	115 x 22 mm	60	13300	10
DN8300.115	€ 2,31	115 x 22 mm	80	13300	10
DN8300.117	€ 2,31	115 x 22 mm	120	13300	10
DN8300.122	€ 2,89	125 x 22 mm	40	12250	10
DN8300.124	€ 2,89	125 x 22 mm	60	12250	10
DN8300.125	€ 2,89	125 x 22 mm	80	12250	10
DN8300.182	€ 4,80	180 x 22 mm	40	8500	10
DN8300.184	€ 4,80	180 x 22 mm	60	8500	10
DN8300.185	€ 4,80	180 x 22 mm	80	8500	10



DN8550-Z

PROFESSIONAL FLAP DISC REAL FLAT

Thanks to a special convex shape backing, this flap discs type are perfectly flat discs with large flaps and constant density and hardness both at the centre and on the peripheral diameter of the disc.

Zr Zirconium | Nylon | T28 | Double | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

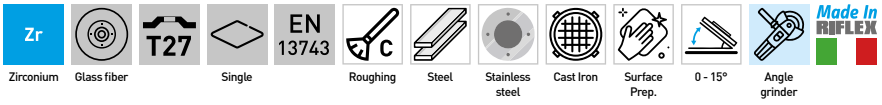
Art.	€	Dimensions	Grit	rpm max	Pack
DN8550.112	€ 3,36	115 x 22 mm	40	13300	10
DN8550.114	€ 3,36	115 x 22 mm	60	13300	10
DN8550.115	€ 3,36	115 x 22 mm	80	13300	10
DN8550.117	€ 3,36	115 x 22 mm	120	13300	10



DF8600-Z

PROFESSIONAL FLAP DISC BIGGER

Grind even longer, even faster, and even better finishing with bigger disc. the new structure provides better benefits compared to conventional flap or grinding discs: 50% more abrasion capacity, saving a great deal of working time, 2x longer service life, excellent value for money, cooler grinding, costs and working time reduction



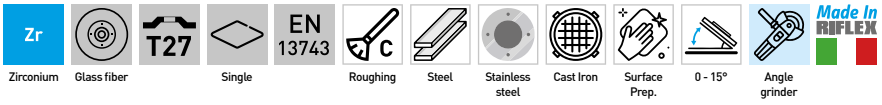
Art.	€	Dimensions	Grit	rpm max	Pack
DF8600.112	€ 2,79	115 x 22 mm	40	13300	10
DF8600.114	€ 2,79	115 x 22 mm	60	13300	10
DF8600.115	€ 2,79	115 x 22 mm	80	13300	10
DF8600.117	€ 2,79	115 x 22 mm	120	13300	10
DF8600.122	€ 3,27	125 x 22 mm	40	12250	10
DF8600.124	€ 3,27	125 x 22 mm	60	12250	10
DF8600.125	€ 3,27	125 x 22 mm	80	12250	10
DF8600.127	€ 3,27	125 x 22 mm	120	12250	10
DF8600.182	€ 5,70	180 x 22 mm	40	8500	10
DF8600.184	€ 5,70	180 x 22 mm	60	8500	10
DF8600.185	€ 5,70	180 x 22 mm	80	8500	10
DF8600.187	€ 5,70	180 x 22 mm	120	8500	10



DF8700-Z

PROFESSIONAL FLAP DISC TIGER

Tiger is a flap disc with an additional 70% abrasive cloth compared to standard professional discs. its shape allows the full use of the abrasive as well as making it particularly compact. this feature, combined to reinforced support, allows to exert a higher specific pressure and consequently a more rapid removal.



Art.	€	Dimensions	Grit	rpm max	Pack
DF8700.112	€ 2,89	115 x 22 mm	40	13300	10
DF8700.114	€ 2,89	115 x 22 mm	60	13300	10
DF8700.115	€ 2,89	115 x 22 mm	80	13300	10
DF8700.117	€ 2,89	115 x 22 mm	120	13300	10





DF8100-A

PROFESSIONAL FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF8100.212	€ 2,21	115 x 22 mm	40	13300	10
DF8100.214	€ 2,21	115 x 22 mm	60	13300	10
DF8100.215	€ 2,21	115 x 22 mm	80	13300	10

DF8150-A

PROFESSIONAL FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T29 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF8150.212	€ 2,21	115 x 22 mm	40	13300	10
DF8150.214	€ 2,21	115 x 22 mm	60	13300	10
DF8150.215	€ 2,21	115 x 22 mm	80	13300	10

DN8100-A

PROFESSIONAL FLAP DISC CLASSIC



AlOx Corundum | Nylon | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN8100.212	€ 2,21	115 x 22 mm	40	13300	10
DN8100.214	€ 2,21	115 x 22 mm	60	13300	10
DN8100.215	€ 2,21	115 x 22 mm	80	13300	10

DN8300-A

PROFESSIONAL FLAP DISC DUAL FLAP



AlOx Corundum | Nylon | T27 | Double | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN8300.212	€ 2,21	115 x 22 mm	40	13300	10
DN8300.214	€ 2,21	115 x 22 mm	60	13300	10
DN8300.215	€ 2,21	115 x 22 mm	80	13300	10

PERFORMANCE

HIGH PERFORMANCE

Wide range of professional flap discs based on aluminum oxide or zirconia.

For mass productions and where high removal capacity is required - Designed for medium and large companies. Ideal for demanding users and heavy-duty applications where long disk life is required.

DF6100-Z

PERFORMANCE FLAP DISC CLASSIC



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF6100.112	€ 2,12	115 x 22 mm	40	13300	10
DF6100.114	€ 2,12	115 x 22 mm	60	13300	10
DF6100.115	€ 2,12	115 x 22 mm	80	13300	10
DF6100.117	€ 2,12	115 x 22 mm	120	13300	10
DF6100.122	€ 2,60	125 x 22 mm	40	12250	10
DF6100.124	€ 2,60	125 x 22 mm	60	12250	10
DF6100.125	€ 2,60	125 x 22 mm	80	12250	10
DF6100.182	€ 4,32	180 x 22 mm	40	8500	10
DF6100.184	€ 4,32	180 x 22 mm	60	8500	10
DF6100.185	€ 4,32	180 x 22 mm	80	8500	10



DF6150-Z

PERFORMANCE FLAP DISC CLASSIC



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF6150.112	€ 2,12	115 x 22 mm	40	13300	10
DF6150.114	€ 2,12	115 x 22 mm	60	13300	10
DF6150.115	€ 2,12	115 x 22 mm	80	13300	10
DF6150.117	€ 2,12	115 x 22 mm	120	13300	10
DF6150.122	€ 2,60	125 x 22 mm	40	12250	10
DF6150.124	€ 2,60	125 x 22 mm	60	12250	10
DF6150.125	€ 2,60	125 x 22 mm	80	12250	10
DF6150.182	€ 4,32	180 x 22 mm	40	8500	10
DF6150.184	€ 4,32	180 x 22 mm	60	8500	10
DF6150.185	€ 4,32	180 x 22 mm	80	8500	10

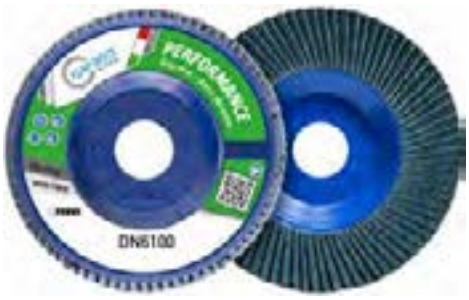


DN6100-Z

PERFORMANCE FLAP DISC CLASSIC

Zr Zirconium | Nylon | T27 | Single | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN6100.112	€ 2,12	115 x 22 mm	40	13300	10
DN6100.114	€ 2,12	115 x 22 mm	60	13300	10
DN6100.115	€ 2,12	115 x 22 mm	80	13300	10
DN6100.117	€ 2,12	115 x 22 mm	120	13300	10
DN6100.122	€ 2,60	125 x 22 mm	40	12250	10
DN6100.124	€ 2,60	125 x 22 mm	60	12250	10
DN6100.125	€ 2,60	125 x 22 mm	80	12250	10
DN6100.182	€ 4,32	180 x 22 mm	40	8500	10
DN6100.184	€ 4,32	180 x 22 mm	60	8500	10
DN6100.185	€ 4,32	180 x 22 mm	80	8500	10

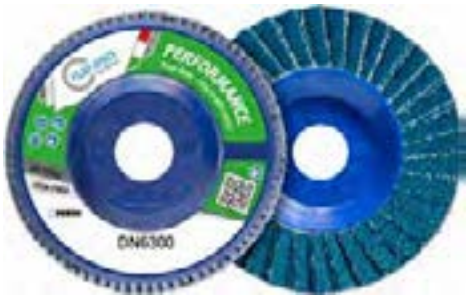


DN6300-Z

PERFORMANCE FLAP DISC DUAL FLAP

Zr Zirconium | Nylon | T27 | Double | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN6300.112	€ 2,12	115 x 22 mm	40	13300	10
DN6300.114	€ 2,12	115 x 22 mm	60	13300	10
DN6300.115	€ 2,12	115 x 22 mm	80	13300	10
DN6300.117	€ 2,12	115 x 22 mm	120	13300	10
DN6300.122	€ 2,60	125 x 22 mm	40	12250	10
DN6300.124	€ 2,60	125 x 22 mm	60	12250	10
DN6300.125	€ 2,60	125 x 22 mm	80	12250	10
DN6300.182	€ 4,32	180 x 22 mm	40	8500	10
DN6300.184	€ 4,32	180 x 22 mm	60	8500	10
DN6300.185	€ 4,32	180 x 22 mm	80	8500	10



DN6550-Z

PERFORMANCE FLAP DISC REAL FLAT

Thanks to a special convex shape backing, this flap discs type are perfectly flat discs with large flaps and constant density and hardness both at the centre and on the peripheral diameter of the disc.

Zr Zirconium | Nylon | T28 | Double | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

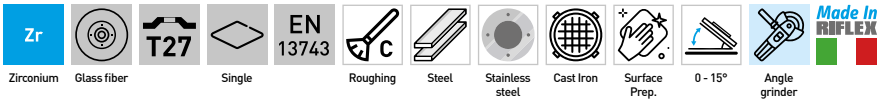
Art.	€	Dimensions	Grit	rpm max	Pack
DN6550.112	€ 2,89	115 x 22 mm	40	13300	10
DN6550.114	€ 2,89	115 x 22 mm	60	13300	10
DN6550.115	€ 2,89	115 x 22 mm	80	13300	10
DN6550.117	€ 2,89	115 x 22 mm	120	13300	10



DF6600-Z

PERFORMANCE FLAP DISC BIGGER

Grind even longer, even faster, and even better finishing with bigger disc. the new structure provides better benefits compared to conventional flap or grinding discs: 50% more abrasion capacity, saving a great deal of working time, 2x longer service life, excellent value for money, cooler grinding, costs and working time reduction



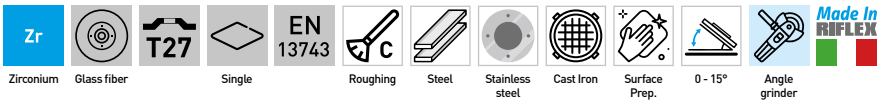
Art.	€	Dimensions	Grit	rpm max	Pack
DF6600.112	€ 2,60	115 x 22 mm	40	13300	10
DF6600.114	€ 2,60	115 x 22 mm	60	13300	10
DF6600.115	€ 2,60	115 x 22 mm	80	13300	10
DF6600.117	€ 2,60	115 x 22 mm	120	13300	10
DF6600.122	€ 2,98	125 x 22 mm	40	12250	10
DF6600.124	€ 2,98	125 x 22 mm	60	12250	10
DF6600.125	€ 2,98	125 x 22 mm	80	12250	10
DF6600.127	€ 2,98	125 x 22 mm	120	12250	10
DF6600.182	€ 5,30	180 x 22 mm	40	8500	10
DF6600.184	€ 5,30	180 x 22 mm	60	8500	10



DF6700-Z

PERFORMANCE FLAP DISC TIGER

Tiger is a flap disc with an additional 70% abrasive cloth compared to standard professional discs. its shape allows the full use of the abrasive as well as making it particularly compact. this feature, combined to reinforced support, allows to exert a higher specific pressure and consequently a more rapid removal.



Art.	€	Dimensions	Grit	rpm max	Pack
DF6700.112	€ 2,50	115 x 22 mm	40	13300	10
DF6700.114	€ 2,50	115 x 22 mm	60	13300	10
DF6700.115	€ 2,50	115 x 22 mm	80	13300	10
DF6700.117	€ 2,50	115 x 22 mm	120	13300	10





DF6100-A

PERFORMANCE FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF6100.212	€ 2,02	115 x 22 mm	40	13300	10
DF6100.214	€ 2,02	115 x 22 mm	60	13300	10
DF6100.215	€ 2,02	115 x 22 mm	80	13300	10

DF6150-A

PERFORMANCE FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T29 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF6150.212	€ 2,02	115 x 22 mm	40	13300	10
DF6150.214	€ 2,02	115 x 22 mm	60	13300	10
DF6150.215	€ 2,02	115 x 22 mm	80	13300	10

DN6100-A

PERFORMANCE FLAP DISC CLASSIC



AlOx Corundum | Nylon | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN6100.212	€ 2,02	115 x 22 mm	40	13300	10
DN6100.214	€ 2,02	115 x 22 mm	60	13300	10
DN6100.215	€ 2,02	115 x 22 mm	80	13300	10

DN6300-A

PERFORMANCE FLAP DISC DUAL FLAP



AlOx Corundum | Nylon | T27 | Double | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN6300.212	€ 2,02	115 x 22 mm	40	13300	10
DN6300.214	€ 2,02	115 x 22 mm	60	13300	10
DN6300.215	€ 2,02	115 x 22 mm	80	13300	10

GRINDFLEX

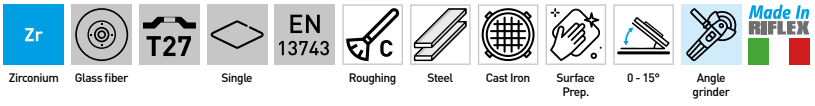
MULTI PURPOSE

The "best seller", suitable for massive removals and finishing on most types of ferrous and non-ferrous metal surfaces.

For specific uses, mass productions and finishing - Designed for artisans, large and medium industries. Ideal for the removal of weld seams and processes where long life of the disk is required, as well as sheet metal deburring.

DF4100-Z

GRINDFLEX FLAP DISC CLASSIC



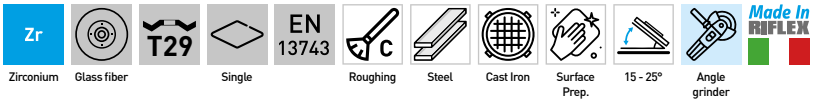
Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF4100.112	€ 1,93	115 x 22 mm	40	13300	10
DF4100.114	€ 1,93	115 x 22 mm	60	13300	10
DF4100.115	€ 1,93	115 x 22 mm	80	13300	10
DF4100.117	€ 1,93	115 x 22 mm	120	13300	10
DF4100.122	€ 2,31	125 x 22 mm	40	12250	10
DF4100.124	€ 2,31	125 x 22 mm	60	12250	10
DF4100.125	€ 2,31	125 x 22 mm	80	12250	10
DF4100.127	€ 2,31	125 x 22 mm	120	12250	10
DF4100.182	€ 3,84	180 x 22 mm	40	8500	10
DF4100.184	€ 3,84	180 x 22 mm	60	8500	10
DF4100.185	€ 3,84	180 x 22 mm	80	8500	10
DF4100.187	€ 3,84	180 x 22 mm	120	8500	10



DF4150-Z

GRINDFLEX FLAP DISC CLASSIC



Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF4150.112	€ 1,93	115 x 22 mm	40	13300	10
DF4150.114	€ 1,93	115 x 22 mm	60	13300	10
DF4150.115	€ 1,93	115 x 22 mm	80	13300	10
DF4150.117	€ 1,93	115 x 22 mm	120	13300	10
DF4150.122	€ 2,31	125 x 22 mm	40	12250	10
DF4150.124	€ 2,31	125 x 22 mm	60	12250	10
DF4150.125	€ 2,31	125 x 22 mm	80	12250	10
DF4150.127	€ 2,31	125 x 22 mm	120	12250	10
DF4150.182	€ 3,84	180 x 22 mm	40	8500	10
DF4150.184	€ 3,84	180 x 22 mm	60	8500	10
DF4150.185	€ 3,84	180 x 22 mm	80	8500	10
DF4150.187	€ 3,84	180 x 22 mm	120	8500	10



DN4100-Z

GRINDFLEX FLAP DISC CLASSIC

Zr Zirconium | Nylon | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX



Art.	€	Dimensions	Grit	rpm max	Pack
DN4100.112	€ 1,93	115 x 22 mm	40	13300	10
DN4100.114	€ 1,93	115 x 22 mm	60	10500	10
DN4100.115	€ 1,93	115 x 22 mm	80	13300	10
DN4100.122	€ 2,41	125 x 22 mm	40	12250	10
DN4100.124	€ 2,41	125 x 22 mm	60	12250	10

DN4300-Z

GRINDFLEX FLAP DISC DUAL FLAP

Zr Zirconium | Nylon | T27 | Double | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX



Art.	€	Dimensions	Grit	rpm max	Pack
DN4300.112	€ 1,93	115 x 22 mm	40	13300	10
DN4300.114	€ 1,93	115 x 22 mm	60	13300	10
DN4300.115	€ 1,93	115 x 22 mm	80	13300	10
DN4300.117	€ 1,93	115 x 22 mm	120	13300	10

DN4550-Z

GRINDFLEX FLAP DISC REAL FLAT

Thanks to a special convex shape backing, this flap discs type are perfectly flat discs with large flaps and constant density and hardness both at the centre and on the peripheral diameter of the disc.

Zr Zirconium | Nylon | T28 | Double | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

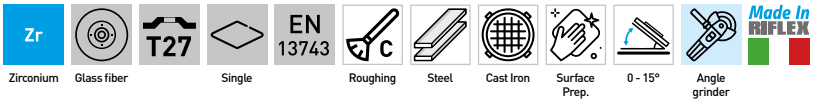


Art.	€	Dimensions	Grit	rpm max	Pack
DN4550.112	€ 2,69	115 x 22 mm	40	13300	10
DN4550.114	€ 2,69	115 x 22 mm	60	13300	10

DF4600-Z

GRINDFLEX FLAP DISC BIGGER

Grind even longer, even faster, and even better finishing with bigger disc. the new structure provides better benefits compared to conventional flap or grinding discs: 50% more abrasion capacity, saving a great deal of working time, 2x longer service life, excellent value for money, cooler grinding, costs and working time reduction



Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF4600.112	€ 2,41	115 x 22 mm	40	13300	10
DF4600.114	€ 2,41	115 x 22 mm	60	13300	10
DF4600.115	€ 2,41	115 x 22 mm	80	13300	10
DF4600.117	€ 2,41	115 x 22 mm	120	13300	10
DF4600.122	€ 2,69	125 x 22 mm	40	12250	10
DF4600.124	€ 2,69	125 x 22 mm	60	12250	10
DF4600.182	€ 4,80	180 x 22 mm	40	8500	10
DF4600.184	€ 4,80	180 x 22 mm	60	8500	10





DF4100-A

GRINDFLEX FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF4100.212	€ 1,74	115 x 22 mm	40	13300	10
DF4100.214	€ 1,74	115 x 22 mm	60	13300	10
DF4100.215	€ 1,74	115 x 22 mm	80	13300	10

DF4150-A

GRINDFLEX FLAP DISC CLASSIC



AlOx Corundum | Glass fiber | T29 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF4150.212	€ 1,74	115 x 22 mm	40	13300	10
DF4150.214	€ 1,74	115 x 22 mm	60	13300	10
DF4150.215	€ 1,74	115 x 22 mm	80	13300	10

DN4100-A

GRINDFLEX FLAP DISC CLASSIC



AlOx Corundum | Nylon | T27 | Single | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN4100.212	€ 1,83	115 x 22 mm	40	13300	10
DN4100.214	€ 1,83	115 x 22 mm	60	13300	10

DN4300-A

GRINDFLEX FLAP DISC DUAL FLAP



AlOx Corundum | Nylon | T27 | Double | EN 13743 | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN4300.212	€ 1,74	115 x 22 mm	40	13300	10
DN4300.214	€ 1,74	115 x 22 mm	60	13300	10
DN4300.215	€ 1,74	115 x 22 mm	80	13300	10

SMARTFLEX

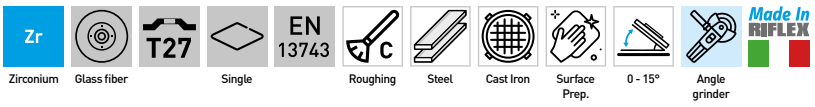
VALUE FOR MONEY

The best price with professional performances. For removal and finishing operations.

For common uses and low productions - Designed for hobbyists, building and small artisans (individual companies), who do not want to give up performance. Ideal for removing welding beads, sheet metal deburring and finishing.

DF2100-Z

SMARTFLEX FLAP DISC CLASSIC



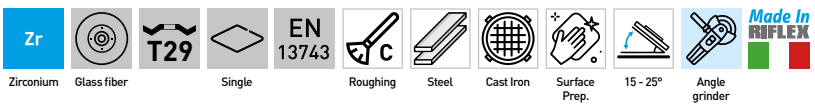
Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF2100.112	€ 1,74	115 x 22 mm	40	13300	10
DF2100.114	€ 1,74	115 x 22 mm	60	13300	10
DF2100.115	€ 1,74	115 x 22 mm	80	13300	10
DF2100.117	€ 1,74	115 x 22 mm	120	13300	10
DF2100.122	€ 2,12	125 x 22 mm	40	12250	10
DF2100.124	€ 2,12	125 x 22 mm	60	12250	10
DF2100.125	€ 2,12	125 x 22 mm	80	12250	10
DF2100.127	€ 2,12	125 x 22 mm	120	12250	10



DF2150-Z

SMARTFLEX FLAP DISC CLASSIC



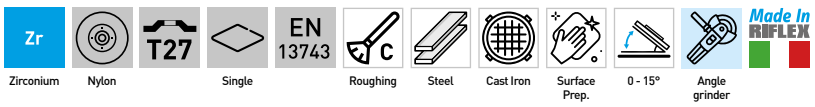
Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF2150.112	€ 1,74	115 x 22 mm	40	13300	10
DF2150.114	€ 1,74	115 x 22 mm	60	13300	10
DF2150.115	€ 1,74	115 x 22 mm	80	13300	10
DF2150.117	€ 1,74	115 x 22 mm	120	13300	10
DF2150.122	€ 2,12	125 x 22 mm	40	12250	10
DF2150.124	€ 2,12	125 x 22 mm	60	12250	10
DF2150.125	€ 2,12	125 x 22 mm	80	12250	10
DF2150.127	€ 2,12	125 x 22 mm	120	12250	10



DN2100-Z

SMARTFLEX FLAP DISC CLASSIC



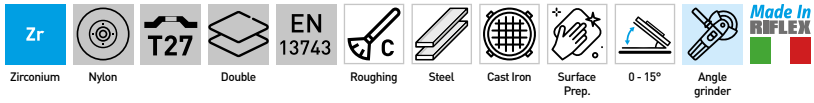
Zirconium | Nylon | Single | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DN2100.112	€ 1,74	115 x 22 mm	40	13300	10
DN2100.114	€ 1,74	115 x 22 mm	60	13300	10
DN2100.115	€ 1,74	115 x 22 mm	80	13300	10
DN2100.117	€ 1,74	115 x 22 mm	120	13300	10
DN2100.122	€ 2,12	125 x 22 mm	40	12250	10
DN2100.124	€ 2,12	125 x 22 mm	60	12250	10
DN2100.125	€ 2,12	125 x 22 mm	80	12250	10
DN2100.127	€ 2,12	125 x 22 mm	120	12250	10



DN2300-Z

SMARTFLEX FLAP DISC DUAL FLAP



Zirconium · Nylon · Double · Roughing · Steel · Cast Iron · Surface Prep. · 0 - 15° · Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DN2300.112	€ 1,74	115 x 22 mm	40	13300	10
DN2300.114	€ 1,74	115 x 22 mm	60	13300	10
DN2300.115	€ 1,74	115 x 22 mm	80	13300	10
DN2300.117	€ 1,74	115 x 22 mm	120	13300	10
DN2300.122	€ 2,12	125 x 22 mm	40	12250	10
DN2300.124	€ 2,12	125 x 22 mm	60	12250	10
DN2300.125	€ 2,12	125 x 22 mm	80	12250	10
DN2300.127	€ 2,12	125 x 22 mm	120	12250	10





DF2100-A

SMARTFLEX FLAP DISC CLASSIC



Corundum | Glass fiber | T27 | Single | EN 13743 | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF2100.212	€ 1,53	115 x 22 mm	40	13300	10
DF2100.214	€ 1,53	115 x 22 mm	60	13300	10
DF2100.215	€ 1,53	115 x 22 mm	80	13300	10

DF2150-A

SMARTFLEX FLAP DISC CLASSIC



Corundum | Glass fiber | T29 | Single | EN 13743 | Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF2150.212	€ 1,53	115 x 22 mm	40	13300	10
DF2150.214	€ 1,53	115 x 22 mm	60	13300	10
DF2150.215	€ 1,53	115 x 22 mm	80	13300	10

DN2100-A

SMARTFLEX FLAP DISC CLASSIC



Corundum | Nylon | T27 | Single | EN 13743 | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN2100.212	€ 1,53	115 x 22 mm	40	13300	10
DN2100.214	€ 1,53	115 x 22 mm	60	13300	10
DN2100.215	€ 1,53	115 x 22 mm	80	13300	10

SPECIALTY INOX

Best solution for machining of stainless steel surfaces. Ceramic cloth, additioned with cooling "top size" layer.

For applications in the food, pharmaceutical and chemical industries. Designed for stainless steel specialists. Ideal for processing thin sheets, important burrs of weld seams and where a temperature-resistant product is required.

SPECIALTY INOX is a flap disc composed by an abrasive cloth **"TOP SIZE"** with a mixture of **zirconia and ceramic abrasive grain.** These high quality materials allow a **very high cutting speed** together with an **extraordinary disc life.** The further layer "TOP SIZE" drastically reduces the overheating of the disc and of the workpiece, with **obvious benefits when working on stainless steels.** The light blue color is by nature devoid of iron oxides so as to prevent contamination of stainless steels (≥0,1% Fe, S, Cl)

DF9100-ZC

ZIRCOCER FLAP DISC CLASSIC



Zr Zirconium | Glass fiber | T27 | Single | EN 13743 | C Roughing | Stainless steel | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF9100.312	€ 3,08	115 x 22 mm	40+	13300	10
DF9100.314	€ 3,08	115 x 22 mm	60	13300	10
DF9100.322	€ 3,46	125 x 22 mm	40+	12250	10
DF9100.324	€ 3,46	125 x 22 mm	60	12250	10

DF9150-ZC

ZIRCOCER FLAP DISC CLASSIC



Zr Zirconium | Glass fiber | T29 | Single | EN 13743 | C Roughing | Stainless steel | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF9150.312	€ 3,08	115 x 22 mm	40+	13300	10
DF9150.314	€ 3,08	115 x 22 mm	60	13300	10
DF9150.322	€ 3,46	125 x 22 mm	40+	12250	10
DF9150.324	€ 3,46	125 x 22 mm	60	12250	10

DN9100-ZC

ZIRCOCER FLAP DISC CLASSIC



Zr Zirconium | Nylon | T27 | Single | EN 13743 | C Roughing | Stainless steel | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DN9100.312	€ 3,08	115 x 22 mm	40+	13300	10
DN9100.314	€ 3,08	115 x 22 mm	60	13300	10
DN9100.322	€ 3,46	125 x 22 mm	40+	12250	10
DN9100.324	€ 3,46	125 x 22 mm	60	12250	10

DF9800-ZC

ZIRCOCER FLAP DISC RAPTOR

Raptor has higher cutting speed and maximum removal power thanks to its particular shape



Zr Zirconium | Nylon | T27 | Single | EN 13743 | C Roughing | Stainless steel | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
DF9800.312	€ 2,79	115 x 22 mm	40	13300	10
DF9800.322	€ 3,08	125 x 22 mm	40	12250	10



SPECIALTY CER

Best solution for machining stainless steel surfaces, especially for heavy removal with the highest cutting speed, with 100% ceramic abrasive cloth with cooling "top size" layer.

For applications in the food, pharmaceutical and chemical industries. Designed for stainless steel specialists. Ideal for processing thin sheets, important burrs of weld seams and where a temperature-resistant product is required.

SPECIALTY CER is a **flap disc** composed by an abrasive cloth **"TOP SIZE"** with a **100% ceramic abrasive** grain. These high-quality materials allow for **maximum cutting speed** together with an **extraordinary disc life**. The further layer "**TOP SIZE**" drastically reduces the overheating of the disc and of the workpiece, with **obvious benefits when working on stainless steels**. The particularly strong polycotton fabric allows **hard working pressures**.

DF9101-C NEW

CERAMIC FLAP DISC CLASSIC



Cer · T27 · EN 13743 · Made In RIFLEX

Ceramic · Glass fiber · Single · Roughing · Stainless steel · Surface Prep. · 0 - 15° · Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF9101.312	€ 3,80	115 x 22 mm	40	13300	10
DF9101.314	€ 3,80	115 x 22 mm	60	13300	10
DF9101.322	€ 4,80	125 x 22 mm	40	12250	10
DF9101.324	€ 4,80	125 x 22 mm	60	12250	10

DN9101-C NEW

CERAMIC FLAP DISC CLASSIC



Cer · T27 · EN 13743 · Made In RIFLEX

Ceramic · Nylon · Single · Roughing · Stainless steel · Surface Prep. · Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DN9101.312	€ 3,80	115 x 22 mm	40	13300	10
DN9101.314	€ 3,80	115 x 22 mm	60	13300	10
DN9101.322	€ 4,80	125 x 22 mm	40	12250	10
DN9101.324	€ 4,80	125 x 22 mm	60	12250	10

DF9801-C NEW

CERAMIC FLAP DISC RAPTOR

Raptor has higher cutting speed and maximum removal power thanks to its particular shape



Cer · T27 · EN 13743 · Made In RIFLEX

Ceramic · Glass fiber · Single · Roughing · Stainless steel · Surface Prep. · 0 - 15° · Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF9801.312	€ 3,80	115 x 22 mm	40	13300	10
DF9801.322	€ 4,80	125 x 22 mm	40	12250	10

SPECIALTY ALU

LOW TEMPERATURES, HIGH PERFORMANCE.

Ideal disc for machining aluminum surfaces, with Abranet® Max canvas.

For deburring and finishing on aluminum and non-ferrous materials such as copper, zinc, brass, magnesium as well as wood and composite materials and where the problem of clogging could arise.

SPECIALTY ALU is a **special disc** designed for **aluminum** processing and, in general, for all non-ferrous metals and composite materials. It is made with a **special polyamide net support that avoids clogging of the abrasive** and allows the processing of the material at low temperature.

DF9103-M

SPECIALTY ALU FLAP DISC CLASSIC



Abranet® | Glass fiber | Single | Roughing | Aluminum | Wood | Composites | Surface Prep. | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF9103.512	€ 3,83	115 x 22 mm	40	13300	10
DF9103.514	€ 3,83	115 x 22 mm	60	13300	10
DF9103.515	€ 3,83	115 x 22 mm	80	13300	10
DF9103.517	€ 3,83	115 x 22 mm	120	13300	10
DF9103.522	€ 4,95	125 x 22 mm	40	12250	10
DF9103.524	€ 4,95	125 x 22 mm	60	12250	10
DF9103.525	€ 4,95	125 x 22 mm	80	12250	10
DF9103.527	€ 4,95	125 x 22 mm	120	12250	10



DF9153-M

SPECIALTY ALU FLAP DISC CLASSIC



Abranet® | Glass fiber | Single | Roughing | Aluminum | Wood | Composites | Surface Prep. | 15 - 25° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DF9153.512	€ 3,83	115 x 22 mm	40	13300	10
DF9153.514	€ 3,83	115 x 22 mm	60	13300	10
DF9153.515	€ 3,83	115 x 22 mm	80	13300	10
DF9153.517	€ 3,83	115 x 22 mm	120	13300	10
DF9153.522	€ 4,95	125 x 22 mm	40	12250	10
DF9153.524	€ 4,95	125 x 22 mm	60	12250	10
DF9153.525	€ 4,95	125 x 22 mm	80	12250	10
DF9153.527	€ 4,95	125 x 22 mm	120	12250	10



MFDXZ

MINI FLAP DISC

Fast lock. long life, deburring and blending small areas, grinding edges.



Zr Zirconium | Nylon | TR male | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Axial grinder

Art.	€	Diameter ø	Grit	rpm max	Pack
MFD050/040Z	€ 2,22	50 mm	40	25000	10
MFD050/060Z	€ 2,22	50 mm	60	25000	10
MFD050/080Z	€ 2,22	50 mm	80	25000	10
MFD050/120Z	€ 2,22	50 mm	120	25000	10
MFD075/040Z	€ 3,75	75 mm	40	20000	10
MFD075/060Z	€ 3,75	75 mm	60	20000	10
MFD075/080Z	€ 3,75	75 mm	80	20000	10
MFD075/120Z	€ 3,75	75 mm	120	20000	10

MFDXZC

CERAMIC MINI FLAP DISC

Fast lock. ceramic abrasive is hard and self sharpening, with faster stock removal and much longer life compared to zirconia. ideal to work on edges or with heavy pressure.



Cer Ceramic | Nylon | TR male | C Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Axial grinder

Art.	€	Diameter ø	Grit	rpm max	Pack
MFD050/040ZC	€ 2,41	50 mm	40	25000	10
MFD050/060ZC	€ 2,41	50 mm	60	25000	10
MFD050/080ZC	€ 2,41	50 mm	80	25000	10

MCDXZ

MINI CUP FLAP DISC

Fast lock. suited for contoured surfaces. more flexible and conformable compared to mini discs.



Zr Zirconium | Nylon | TR male | C Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Axial grinder

Art.	€	Diameter ø	Grit	rpm max	Pack
MCD050/040Z	€ 3,30	50 mm	40	25000	10
MCD050/060Z	€ 3,30	50 mm	60	25000	10
MCD050/080Z	€ 3,30	50 mm	80	25000	10
MCD050/120Z	€ 3,30	50 mm	120	25000	10

SGFX

RUBBER HOLDER

Monobloc, suitable for all types of fast locks.



Axial grinder

Art.	€	Diameter ø	Shank	rpm max
SGF050/06	€ 8,70	50 mm	6 mm	30000
SGF075/06	€ 10,10	75 mm	6 mm	28000

SFFX

RUBBER HOLDER

In two parts both with M14 connection and pin, suitable for all types of fast-locks.



M14 | Axial grinder

Art.	€	Diameter ø	Thread	Shank	rpm max
SFF050/M14	€ 13,20	50 mm	M14	6 mm	30000
SFF075/M14	€ 14,90	75 mm	M14	6 mm	28000

RMTX

MICRO FLAP WHEELS

ADR3/6 **€ 10,00**

ADAPTER FROM SHAFT 3MM TO 6mm





AlOx Corundum | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	€	Diameter ø	H	Shank	Grit	rpm max	Pack
RMT1010/060	€ 2,37	10 mm	10 mm	3 mm	60	26000	25
RMT1010/080	€ 2,37	10 mm	10 mm	3 mm	80	26000	25
RMT1010/120	€ 2,37	10 mm	10 mm	3 mm	120	26000	25
RMT1515/060	€ 1,99	15 mm	15 mm	3 mm	60	26000	25
RMT1515/080	€ 1,99	15 mm	15 mm	3 mm	80	26000	25
RMT1515/120	€ 1,99	15 mm	15 mm	3 mm	120	26000	25

RGMX

MIXED NONWOVEN AND CLOTH WHEELS WITH SHAFT

Made of nonwoven flaps interspersed with abrasive cloth flaps arranged radially.



AlOx Corundum | Steel | Stainless steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	€	Dimensions	Shank	Cloth	Grit	Pack
RGM030/20M	€ 4,34	30 x 20 mm	6 mm	A/O-M	60	10
RGM030/20F	€ 4,34	30 x 20 mm	6 mm	A/O-F	100	10
RGM030/20VF	€ 4,34	30 x 20 mm	6 mm	A/O-VF	150	10
RGM040/20M	€ 5,20	40 x 20 mm	6 mm	A/O-M	60	10
RGM040/20F	€ 5,20	40 x 20 mm	6 mm	A/O-F	100	10
RGM040/20VF	€ 5,20	40 x 20 mm	6 mm	A/O-VF	150	10
RGM050/30M	€ 5,80	50 x 30 mm	6 mm	A/O-M	60	10
RGM050/30F	€ 5,80	50 x 30 mm	6 mm	A/O-F	100	10
RGM050/30VF	€ 5,80	50 x 30 mm	6 mm	A/O-VF	150	10
RGM060/30M	€ 6,60	60 x 30 mm	6 mm	A/O-M	60	10
RGM060/30F	€ 6,60	60 x 30 mm	6 mm	A/O-F	100	10
RGM060/30VF	€ 6,60	60 x 30 mm	6 mm	A/O-VF	150	10
RGM080/50M	€ 8,60	80 x 50 mm	6 mm	A/O-M	60	10
RGM080/50F	€ 8,60	80 x 50 mm	6 mm	A/O-F	100	10
RGM080/50VF	€ 8,60	80 x 50 mm	6 mm	A/O-VF	150	10

RGTX

ALUMINIUM OXIDE SHAFT-MOUNTED CLOTH WHEELS



AlOx Corundum | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	€	Dimensions	Shank	Grit	rpm max	Pack
RGT2010/40	€ 2,16	20 x 10 mm	6 mm	40	26000	10
RGT2010/60	€ 2,16	20 x 10 mm	6 mm	60	26000	10
RGT2010/80	€ 2,16	20 x 10 mm	6 mm	80	26000	10
RGT2010/120	€ 2,16	20 x 10 mm	6 mm	120	26000	10
RGT2015/40	€ 2,16	20 x 15 mm	6 mm	40	25000	10
RGT2015/60	€ 2,16	20 x 15 mm	6 mm	60	25000	10
RGT2015/80	€ 2,16	20 x 15 mm	6 mm	80	25000	10
RGT2015/120	€ 2,16	20 x 15 mm	6 mm	120	25000	10
RGT2515/60	€ 2,05	25 x 15 mm	6 mm	60	25000	10
RGT2515/80	€ 2,05	25 x 15 mm	6 mm	80	25000	10
RGT2515/120	€ 2,05	25 x 15 mm	6 mm	120	25000	10
RGT2525/40	€ 2,04	25 x 25 mm	6 mm	40	25000	10
RGT2525/60	€ 2,04	25 x 25 mm	6 mm	60	25000	10
RGT2525/80	€ 2,04	25 x 25 mm	6 mm	80	25000	10
RGT2525/120	€ 2,04	25 x 25 mm	6 mm	120	25000	10
RGT3010/40	€ 1,97	30 x 10 mm	6 mm	40	22900	10
RGT3010/60	€ 1,97	30 x 10 mm	6 mm	60	22900	10
RGT3010/80	€ 1,97	30 x 10 mm	6 mm	80	22900	10
RGT3010/120	€ 1,97	30 x 10 mm	6 mm	120	22900	10
RGT3015/40	€ 2,16	30 x 15 mm	6 mm	40	22900	10
RGT3015/60	€ 2,16	30 x 15 mm	6 mm	60	22900	10
RGT3015/80	€ 2,16	30 x 15 mm	6 mm	80	22900	10
RGT3015/120	€ 2,16	30 x 15 mm	6 mm	120	22900	10
RGT3020/40	€ 2,29	30 x 20 mm	6 mm	40	22900	10
RGT3020/60	€ 2,29	30 x 20 mm	6 mm	60	22900	10
RGT3020/80	€ 2,29	30 x 20 mm	6 mm	80	22900	10
RGT3020/120	€ 2,29	30 x 20 mm	6 mm	120	22900	10
RGT4015/40	€ 2,31	40 x 15 mm	6 mm	40	17100	10
RGT4015/60	€ 2,31	40 x 15 mm	6 mm	60	17100	10
RGT4015/80	€ 2,38	40 x 15 mm	6 mm	80	17100	10
RGT4015/120	€ 2,38	40 x 15 mm	6 mm	120	17100	10
RGT4020/40	€ 2,38	40 x 20 mm	6 mm	40	17100	10
RGT4020/60	€ 2,38	40 x 20 mm	6 mm	60	17100	10
RGT4020/80	€ 2,38	40 x 20 mm	6 mm	80	17100	10
RGT4020/120	€ 2,38	40 x 20 mm	6 mm	120	17100	10
RGT4030/40	€ 2,72	40 x 30 mm	6 mm	40	17100	10
RGT4030/60	€ 2,72	40 x 30 mm	6 mm	60	17100	10
RGT4030/80	€ 2,72	40 x 30 mm	6 mm	80	17100	10
RGT4030/120	€ 2,72	40 x 30 mm	6 mm	120	17100	10
RGT5020/40	€ 2,48	50 x 20 mm	6 mm	40	13700	10
RGT5020/60	€ 2,48	50 x 20 mm	6 mm	60	13700	10
RGT5020/80	€ 2,48	50 x 20 mm	6 mm	80	13700	10
RGT5020/120	€ 2,48	50 x 20 mm	6 mm	120	13700	10
RGT5030/40	€ 2,93	50 x 30 mm	6 mm	40	11400	10
RGT5030/60	€ 2,93	50 x 30 mm	6 mm	60	11400	10
RGT5030/80	€ 2,93	50 x 30 mm	6 mm	80	11400	10
RGT5030/120	€ 2,93	50 x 30 mm	6 mm	120	11400	10
RGT6020/40	€ 3,28	60 x 20 mm	6 mm	40	11400	10
RGT6020/60	€ 3,28	60 x 20 mm	6 mm	60	11400	10
RGT6020/80	€ 3,28	60 x 20 mm	6 mm	80	11400	10
RGT6020/120	€ 3,28	60 x 20 mm	6 mm	120	11400	10
RGT6030/40	€ 3,60	60 x 30 mm	6 mm	40	11400	10
RGT6030/60	€ 3,60	60 x 30 mm	6 mm	60	11400	10
RGT6030/80	€ 3,60	60 x 30 mm	6 mm	80	11400	10
RGT6030/120	€ 3,60	60 x 30 mm	6 mm	120	11400	10

RFTX

ALUMINIUM OXIDE CLOTH WHEELS WITH HOLE

The wheel can be configured on the profile of the workpiece. lubricating the wheel with oil or fat, it improves the degree of finish, the duration of the wheel and is held action dustproof.



AlOx Corundum · C Roughing · Steel · Aluminum · Wood · Cast Iron · Surface Prep. · Fixed grinder

Art.	€	Dimensions	Grit	rpm max
RFT165/25040	€ 20,20	165 x 25 x 54 mm	40	5200
RFT165/25060	€ 20,80	165 x 25 x 54 mm	60	5200
RFT165/25080	€ 21,00	165 x 25 x 54 mm	80	5200
RFT165/25120	€ 21,60	165 x 25 x 54 mm	120	5200
RFT165/25220	€ 27,30	165 x 25 x 54 mm	220	5200
RFT165/30040	€ 21,10	165 x 30 x 54 mm	40	5200
RFT165/30060	€ 34,10	165 x 30 x 54 mm	60	5200
RFT165/30080	€ 21,80	165 x 30 x 54 mm	80	5200
RFT165/30120	€ 22,70	165 x 30 x 54 mm	120	5200
RFT165/30220	€ 44,80	165 x 30 x 54 mm	220	5200
RFT165/50040	€ 40,00	165 x 50 x 54 mm	40	5200
RFT165/50060	€ 43,20	165 x 50 x 54 mm	60	5200
RFT165/50080	€ 44,10	165 x 50 x 54 mm	80	5200
RFT165/50120	€ 47,90	165 x 50 x 54 mm	120	5200
RFT165/50220	€ 41,20	165 x 50 x 54 mm	220	5200
RFT165/50040A	€ 29,30	165 x 50 x 25 mm	40	5200
RFT165/50060A	€ 29,80	165 x 50 x 25 mm	60	5200
RFT165/50080A	€ 30,90	165 x 50 x 25 mm	80	5200
RFT165/50120A	€ 31,90	165 x 50 x 25 mm	120	5200
RFT165/50220A	€ 41,20	165 x 50 x 25 mm	220	5200
RFT200/50040	€ 34,80	200 x 50 x 54 mm	40	3800
RFT200/50060	€ 38,30	200 x 50 x 54 mm	60	3800
RFT200/50080	€ 39,70	200 x 50 x 54 mm	80	3800
RFT200/50120	€ 41,00	200 x 50 x 54 mm	120	3800
RFT250/50040	€ 66,20	250 x 50 x 100 mm	40	3400
RFT250/50060	€ 70,40	250 x 50 x 100 mm	60	3400
RFT250/50080	€ 114,00	250 x 50 x 100 mm	80	3400
RFT250/50120	€ 118,00	250 x 50 x 100 mm	120	3400

FRFX

PAIR OF FLANGES



Art.	€	Size	Hole
FRF54/20	€ 17,00	54 mm	20 mm
FRF54/25	€ 17,00	54 mm	25 mm

RGPX

NONWOVEN WHEELS WITH SHAFT

Flaps arranged radially.



AlOx Corundum · F Finishing · Steel · Stainless steel · Aluminum · Wood · Cast Iron · Axial grinder

Art.	€	Dimensions	Shank	Grit	Pack
RGP030/20C	€ 3,76	30 x 20 mm	6 mm	COARSE	10
RGP030/20M	€ 3,76	30 x 20 mm	6 mm	MEDIUM	10
RGP030/20F	€ 3,76	30 x 20 mm	6 mm	FINE	10
RGP030/20VF	€ 3,76	30 x 20 mm	6 mm	VERY FINE	10
RGP040/20C	€ 4,02	40 x 20 mm	6 mm	COARSE	10
RGP040/20M	€ 4,02	40 x 20 mm	6 mm	MEDIUM	10
RGP040/20F	€ 4,02	40 x 20 mm	6 mm	FINE	10
RGP040/20VF	€ 4,02	40 x 20 mm	6 mm	VERY FINE	10
RGP050/30C	€ 5,10	50 x 30 mm	6 mm	COARSE	10
RGP050/30M	€ 5,10	50 x 30 mm	6 mm	MEDIUM	10
RGP050/30F	€ 5,10	50 x 30 mm	6 mm	FINE	10
RGP050/30VF	€ 5,10	50 x 30 mm	6 mm	VERY FINE	10
RGP060/30C	€ 5,30	60 x 30 mm	6 mm	COARSE	10
RGP060/30M	€ 5,30	60 x 30 mm	6 mm	MEDIUM	10
RGP060/30F	€ 5,30	60 x 30 mm	6 mm	FINE	10
RGP060/30VF	€ 5,30	60 x 30 mm	6 mm	VERY FINE	10
RGP080/50C	€ 8,20	80 x 50 mm	6 mm	COARSE	10
RGP080/50M	€ 8,20	80 x 50 mm	6 mm	MEDIUM	10
RGP080/50F	€ 8,20	80 x 50 mm	6 mm	FINE	10
RGP080/50VF	€ 8,20	80 x 50 mm	6 mm	VERY FINE	10

RLFX

THREADED BORE FLAP WHEEL

Suited for angle grinders with M14 thread. remove light weld seams on round and irregular metal surfaces.



AlOx Corundum · M14 · C Roughing · Steel · Aluminum · Wood · Cast Iron · Surface Prep. · Angle grinder

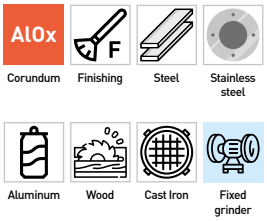
Art.	€	Size	Thread	Grit	rpm max
RLF115/040	€ 13,10	Ø 115 x 20 mm	M14	40	9000
RLF115/060	€ 13,10	Ø 115 x 20 mm	M14	60	9000
RLF115/080	€ 13,10	Ø 115 x 20 mm	M14	80	9000
RLF115/120	€ 13,10	Ø 115 x 20 mm	M14	120	9000
RLF125/040	€ 14,30	Ø 115 x 20 mm	M14	40	9000
RLF125/060	€ 14,30	Ø 125 X 20 mm	M14	60	9000
RLF125/080	€ 14,30	Ø 125 X 20 mm	M14	80	9000
RLF125/120	€ 14,30	Ø 125 X 20 mm	M14	120	9000

RFPX

NONWOVEN WHEELS WITH BORE

Made of nonwoven, flaps radially arranged.



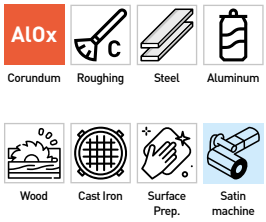


Art.	€	Dimensions	Grit
RFP165/50M	€ 16,20	165 x 50 x 65 mm	Medium
RFP165/50F	€ 16,20	165 x 50 x 65 mm	Fine
RFP165/50VF	€ 16,20	165 x 50 x 65 mm	Very Fine
RFP200/50M	€ 22,70	200 x 50 x 110 mm	Medium
RFP200/50F	€ 22,70	200 x 50 x 110 mm	Fine
RFP200/50VF	€ 22,70	200 x 50 x 110 mm	Very Fine

RLTX

ABRASIVE CLOTH WHEELS



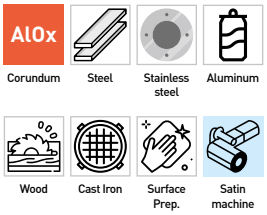


Art.	€	Dimensions	Grit	Hole diameter
RLT050/040	€ 15,20	100 x 50 mm	40	19 mm
RLT050/060	€ 15,20	100 x 50 mm	60	19 mm
RLT050/080	€ 15,20	100 x 50 mm	80	19 mm
RLT050/120	€ 15,20	100 x 50 mm	120	19 mm
RLT100/040	€ 22,10	100 x 100 mm	40	19 mm
RLT100/060	€ 22,10	100 x 100 mm	60	19 mm
RLT100/080	€ 23,10	100 x 100 mm	80	19 mm
RLT100/120	€ 23,10	100 x 100 mm	120	19 mm

RLMX

MIXED NONWOVEN WHEELS





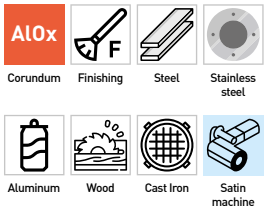
Art.	€	Dimensions	Cloth	Grit	Hole diameter
RLM100/060C	€ 18,10	100 x 100 mm	A/C	60	19 mm
RLM100/080M	€ 18,10	100 x 100 mm	A/M	80	19 mm
RLM100/150F	€ 18,10	100 x 100 mm	A/F	150	19 mm

RLPX

NONWOVEN WHEELS

Diversified color according to the grit



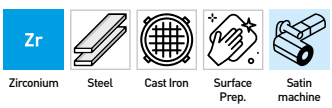


Art.	€	Dimensions	Grit	Hole diameter
RLP100/C	€ 16,00	100 x 100 mm	A/O-C	19 mm
RLP100/M	€ 15,10	100 x 100 mm	A/O-M	19 mm
RLP100/F	€ 15,10	100 x 100 mm	A/O-F	19 mm
RLP100/VF	€ 15,10	100 x 100 mm	A/O-VF	19 mm

NAS100X-Z

ZIRCONIA CLOTH BELTS



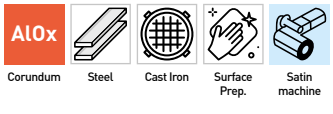


Art.	€	Dimensions	Grit
NAS100/040Z	€ 2,63	90 x 100 mm	40
NAS100/060Z	€ 2,63	90 x 100 mm	60
NAS100/080Z	€ 2,63	90 x 100 mm	80
NAS100/120Z	€ 2,63	90 x 100 mm	120

NAS100X-A

ALUMINIUM OXIDE CLOTH BELTS





Art.	€	Dimensions	Grit
NAS100/180A	€ 2,38	90 x 100 mm	180
NAS100/240A	€ 2,38	90 x 100 mm	240

NAS100X-C

CERAMIC BELTS



Cer Ceramic | Steel | Stainless steel

Cast Iron | Surface Prep. | Satin machine

Art.	€	Dimensions	Grit
NAS100/040C	€ 5,30	90 x 100 mm	40
NAS100/060C	€ 4,79	90 x 100 mm	60
NAS100/080C	€ 4,55	90 x 100 mm	80
NAS100/120C	€ 4,13	90 x 100 mm	120

NAT100X

TRIZACT BELTS



Trizact™ | Steel | Stainless steel

Aluminum | Cast Iron | Surface Prep. | Satin machine

Art.	€	Dimensions	Grit
NAT100/A006	€ 8,50	90 x 100 mm	A6
NAT100/A016	€ 8,50	90 x 100 mm	A16
NAT100/A030	€ 8,50	90 x 100 mm	A30
NAT100/A045	€ 8,50	90 x 100 mm	A45
NAT100/A065	€ 8,50	90 x 100 mm	A65
NAT100/A100	€ 8,50	90 x 100 mm	A100
NAT100/A160	€ 8,50	90 x 100 mm	A160

SCSX

SURFACE CONDITIONING BELTS



Surface Cond. | Steel | Stainless steel

Cast Iron | Uniform | Satin machine

Art.	€	Dimensions	Grit
SCS100/C	€ 13,60	90 x 100 mm	Coarse
SCS100/M	€ 12,90	90 x 100 mm	Medium
SCS100/VF	€ 12,90	90 x 100 mm	Very fine

RPW090 € 89,90

RUBBER PNEUMATIC WHEEL



Satin machine

Dimensions	90 x 90 mm
Hole	19.1 mm
rpm max	6000

ERW100 € 75,50

CENTRIFUGAL EXPANDING WHEEL



Satin machine

Dimensions	90 x 100 mm
Hole	19.1 - 35 mm
rpm max	6000

SWS100 € 82,10

BRASS STEEL WIRE WHEELS

For deburring, stripping, removing rust and calamine and rusticating wood.



Steel | Steel | Aluminum | Wood

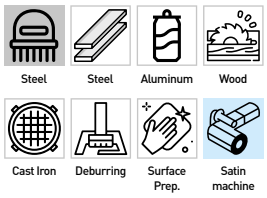
Cast Iron | Deburring | Surface Prep. | Satin machine

Dimensions	100 x 100 mm
Hole	19.1 mm
Wire	0.3 mm
rpm max	6800

SWS100/M — € 94,80

BRASS STEEL WIRE WHEELS

Suitable for Makita machines, for deburring, stripping, removing rust and calamine and rusticating wood



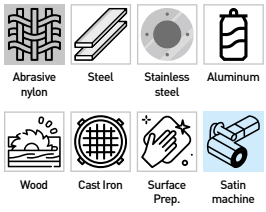


Dimensions	**100 x 100 mm**
Hole	**13 mm**
Wire	**0.3 mm**
rpm max	**6800**

NWS100 — € 142,00

ABRASIVE NYLON WIRE WHEELS

For cleaning metals and rusticating wood.



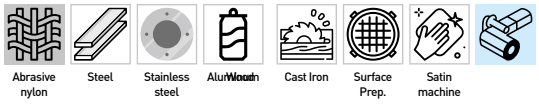


Dimensions	**100 x 100 mm**
Hole	**19.1 mm**
Grit	**80**
rpm max	**6800**

NWS100/M — € 152,00

ABRASIVE NYLON WIRE WHEELS

Suitable for Makita machines, for cleaning metals and rusticating wood





Dimensions	**100 x 100 mm**
Hole	**13 mm**
Grit	**80**
rpm max	**6800**



FDCX

VIPER SEMI FLEXIBLE FIBER DISC

Innovative semi flexible depressed center fiberdisc with built-in backing pad for a more precise, faster and comfortable grinding of welding seams, sharp edges, flat and curved surfaces.



Cer — Ceramic | Glass fiber | T29 | EN 12413 | Roughing | Steel | Stainless steel | Cast Iron | Deburring | 10 - 15° | Angle grinder | made in Italy

Art.	€	Dimensions	Hardness	rpm max	Pack
FDC115/036	€ 4,56	115x22,23 mm	SG 36	13300	25
FDC115/060	€ 4,56	115x22,23 mm	SG 60	13300	25
FDC115/120	€ 4,56	115x22,23 mm	SG 120	13300	25
FDC125/036	€ 4,72	125x22.23 mm	SG 36	12250	25

DFVX-XZ

VULCANISED FIBRE DISCS

Fiber discs are constituted by a vulcanised cellulose fiber support of 0,8 mm. thickness. various types of abrasive are deposited on it. these are fastened with a double layer of thermosetting resin added with active fillers which give the products cooling and anti-clogging properties. applied to a backing pad as support, the discs are used on portable sander.



Zr — Zirconium | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Deburring | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DFV115/036Z	€ 0,83	115 x 22 mm	36	13300	25
DFV115/040Z	€ 0,74	115 x 22 mm	40	13300	25
DFV115/060Z	€ 0,68	115 x 22 mm	60	13300	25
DFV115/080Z	€ 0,63	115 x 22 mm	80	13300	25
DFV115/120Z	€ 0,55	115 x 22 mm	120	13300	25
DFV180/036Z	€ 1,87	180 x 22 mm	36	8600	25
DFV180/040Z	€ 1,67	180 x 22 mm	40	8600	25
DFV180/060Z	€ 1,43	180 x 22 mm	60	8600	25
DFV180/080Z	€ 1,38	180 x 22 mm	80	8600	25
DFV180/120Z	€ 1,22	180 x 22 mm	120	8600	25

DFVX-XA

VULCANISED FIBRE DISCS

Fiber discs are constituted by a vulcanised cellulose fiber support of 0,8 mm. thickness. various types of abrasive are deposited on it. these are fastened with a double layer of thermosetting resin added with active fillers which give the products cooling and anti-clogging properties. applied to a backing pad as support, the discs are used on portable sander.



AlOx — Corundum | EN 13743 | Roughing | Steel | Aluminum | Wood | Deburring | 0 - 15° | Angle grinder

Art.	€	Dimensions	Grit	rpm max	Pack
DFV115/024A	€ 0,59	115 x 22 mm	24	13300	25
DFV115/036A	€ 0,63	115 x 22 mm	36	13300	25
DFV115/060A	€ 0,59	115 x 22 mm	60	13300	25
DFV115/080A	€ 0,48	115 x 22 mm	80	13300	25
DFV115/120A	€ 0,48	115 x 22 mm	120	13300	25
DFV180/024A	€ 1,32	180 x 22 mm	24	8600	25
DFV180/036A	€ 1,28	180 x 22 mm	36	8600	25
DFV180/060A	€ 1,19	180 x 22 mm	60	8600	25
DFV180/080A	€ 1,13	180 x 22 mm	80	8600	25

PFBX

BACKING PADS

Standard backing pad for fibre discs, professional, hard.



M14 | Angle grinder

Art.	€	Diameter ø	Thread	rpm max
PFB115	€ 5,10	115 mm	M14	13300
PFB180	€ 8,80	180 mm	M14	8500

PFSX

BACKING PADS

For fiber discs. with cooling rips for rough and cooling grinding, very hard.



M14 | Angle grinder

Art.	€	Diameter ø	Thread	rpm max
PFS115	€ 9,80	115 mm	M14	13300
PFS180	€ 17,60	180 mm	M14	8500

MDAXZT

FAST LOCK ZIRCONIA TOP SIZE

Fast lock. long life, deburring and blending small areas, grinding edges.



Zr Zirconium | Nylon | TR male | C Roughing | Steel | Stainless steel | Cast Iron | Deburring

0 - 15° | Axial grinder

Art.	€	Diameter ø	Grit	rpm max	Pack
MDA050/036ZT	€ 0,77	50 mm	36	25000	25
MDA050/060ZT	€ 0,76	50 mm	60	25000	25
MDA050/080ZT	€ 0,76	50 mm	80	25000	25
MDA050/120ZT	€ 0,76	50 mm	120	25000	25
MDA075/036ZT	€ 1,28	75 mm	36	20000	25
MDA075/060ZT	€ 1,21	75 mm	60	20000	25
MDA075/080ZT	€ 1,21	75 mm	80	20000	25
MDA075/120ZT	€ 1,21	75 mm	120	20000	25

D17X

ADHESIVE ABRASIVE DISCS



AlOx Corundum | Steel | Aluminum | Wood | Surface Prep. | Fixed Sander

Art.	€	Sizes	Grit	Pack
D174	€ 1,34	150 mm	60	10
D175	€ 1,34	150 mm	100	10
D178/060	€ 1,34	200 mm	60	10
D178/100	€ 1,34	200 mm	100	10
D176	€ 2,26	226 mm	60	10
D177	€ 2,26	226 mm	100	10

VDAX

VELCRO DISCS

Corundum resin coated on heavy paper (weight F), closed coat



Al0x Corundum | Steel | Aluminum | Wood | Leather | Surface Prep. | Orbital sander

Art.	€	Diameter ø	Holes	Grit	Pack
VDA115/040	€ 0,30	115 mm	-	40	50
VDA115/060	€ 0,30	115 mm	-	60	100
VDA115/080	€ 0,30	115 mm	-	80	100
VDA115/100	€ 0,30	115 mm	-	100	100
VDA115/120	€ 0,30	115 mm	-	120	100
VDA115/180	€ 0,30	115 mm	-	180	100
VDA115/220	€ 0,30	115 mm	-	220	100
VDA125/40F8	€ 0,37	125 mm	8	40	50
VDA125/60F8	€ 0,34	125 mm	8	60	100
VDA125/80F8	€ 0,34	125 mm	8	80	100
VDA125/100F8	€ 0,34	125 mm	8	100	100
VDA125/120F8	€ 0,34	125 mm	8	120	100
VDA125/180F8	€ 0,34	125 mm	8	180	100
VDA125/220F8	€ 0,34	125 mm	8	220	100
VDA150/040	€ 0,47	150 mm	-	40	50
VDA150/060	€ 0,43	150 mm	-	60	100
VDA150/080	€ 0,43	150 mm	-	80	100
VDA150/100	€ 0,43	150 mm	-	100	100
VDA150/120	€ 0,43	150 mm	-	120	100
VDA150/180	€ 0,43	150 mm	-	180	100
VDA150/220	€ 0,43	150 mm	-	220	100
VDA150/040F6	€ 0,47	150 mm	6	40	50
VDA150/060F6	€ 0,43	150 mm	6	60	100
VDA150/080F6	€ 0,43	150 mm	6	80	100
VDA150/100F6	€ 0,43	150 mm	6	100	100
VDA150/120F6	€ 0,43	150 mm	6	120	100
VDA150/180F6	€ 0,43	150 mm	6	180	100
VDA150/220F6	€ 0,43	150 mm	6	220	100

VDGX

VELCRO DISCS "GOLD"

Double resin corundum stearate on light paper (weight C), semi-open coating. The addition of zinc stearate prevents clogging.



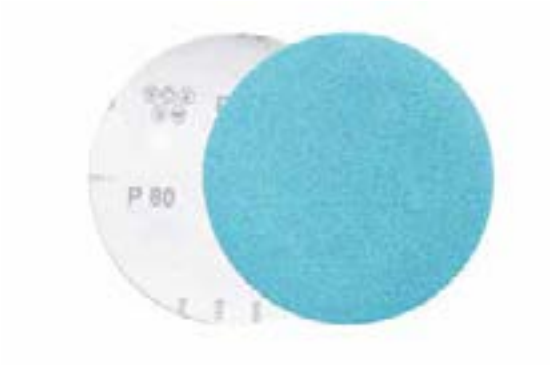
Al0x Corundum | Aluminum | Wood | Paints | Composites | Surface Prep. | Dry | Orbital sander

Art.	€	Diameter	Grit	Holes	Pack
VDG150/060	€ 0,45	ø 150 mm	60	-	100
VDG150/080	€ 0,43	ø 150 mm	80	-	100
VDG150/120	€ 0,43	ø 150 mm	120	-	100
VDG150/150	€ 0,43	ø 150 mm	150	-	100
VDG150/180	€ 0,43	ø 150 mm	180	-	100
VDG150/220	€ 0,43	ø 150 mm	220	-	100
VDG150/320	€ 0,43	ø 150 mm	320	-	100
VDG150/400	€ 0,43	ø 150 mm	400	-	100
VDG150/600	€ 0,43	ø 150 mm	600	-	100
VDG150/800	€ 0,43	ø 150 mm	800	-	100
VDG150/060F6	€ 0,45	ø 150 mm	60	6	100
VDG150/080F6	€ 0,43	ø 150 mm	80	6	100
VDG150/120F6	€ 0,43	ø 150 mm	120	6	100
VDG150/150F6	€ 0,43	ø 150 mm	150	6	100
VDG150/180F6	€ 0,43	ø 150 mm	180	6	100
VDG150/220F6	€ 0,43	ø 150 mm	220	6	100
VDG150/320F6	€ 0,43	ø 150 mm	320	6	100
VDG150/400F6	€ 0,43	ø 150 mm	400	6	100
VDG150/600F6	€ 0,43	ø 150 mm	600	6	100
VDG150/800F6	€ 0,43	ø 150 mm	800	6	100
VDG150/060F8	€ 0,45	ø 150 mm	60	8	100
VDG150/080F8	€ 0,43	ø 150 mm	80	8	100
VDG150/120F8	€ 0,43	ø 150 mm	120	8	100
VDG150/150F8	€ 0,43	ø 150 mm	150	8	100
VDG150/180F8	€ 0,43	ø 150 mm	180	8	100
VDG150/220F8	€ 0,43	ø 150 mm	220	8	100
VDG150/320F8	€ 0,43	ø 150 mm	320	8	100
VDG150/400F8	€ 0,43	ø 150 mm	400	8	100
VDG150/600F8	€ 0,43	ø 150 mm	600	8	100
VDG150/800F8	€ 0,43	ø 150 mm	800	8	100

ZSAX

VELCRO DISCS

Double resin corundum stearate on light paper (C weight), closed coat. The addition of zinc stearate prevents clogging.



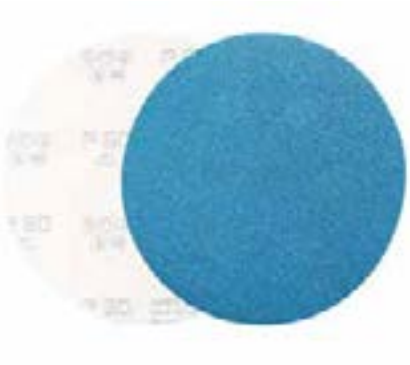
AlOx Corundum · Aluminum · Wood · Paints · Stucco · Composites · Surface Prep. · Dry

Art.	€	Diameter ø	Holes	Grit	Pack
ZSA150/080	€ 0,43	150 mm	-	80	100
ZSA150/120	€ 0,39	150 mm	-	120	100
ZSA150/180	€ 0,39	150 mm	-	180	100
ZSA150/240	€ 0,39	150 mm	-	240	100
ZSA150/320	€ 0,39	150 mm	-	320	100
ZSA150/400	€ 0,39	150 mm	-	400	100
ZSA150/80F6	€ 0,43	150 mm	6	80	100
ZSA150/120F6	€ 0,39	150 mm	6	120	100
ZSA150/180F6	€ 0,39	150 mm	6	180	100
ZSA150/240F6	€ 0,39	150 mm	6	240	100
ZSA150/320F6	€ 0,39	150 mm	6	320	100
ZSA150/400F6	€ 0,39	150 mm	6	400	100

VDZX

VELCRO DISCS

Zirconium resin on heavy paper (weight F), closed coating. Top quality, very aggressive and long lasting, the backing resists the higher stresses and speeds of paper discs.



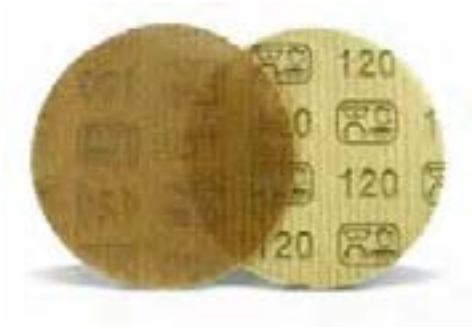
Zr Zirconium · Steel · Stainless steel · Wood · Cast Iron · Leather · Surface Prep. · Dry

Art.	€	Diameter ø	Grit	Pack
VDZ115/040	€ 0,65	115 mm	40	50
VDZ115/060	€ 0,63	115 mm	60	100
VDZ115/080	€ 0,58	115 mm	80	100
VDZ115/120	€ 0,54	115 mm	120	100
VDZ125/040	€ 0,78	125 mm	40	100
VDZ125/060	€ 0,67	125 mm	60	100
VDZ125/080	€ 0,65	125 mm	80	100
VDZ125/120	€ 0,58	125 mm	120	100
VDZ150/040	€ 1,03	150 mm	40	50
VDZ150/060	€ 0,87	150 mm	60	100
VDZ150/080	€ 0,82	150 mm	80	100
VDZ150/120	€ 0,78	150 mm	120	100

VDRX

VELCRO SANDING SCREEN

Support made of mesh allows you to vacuum up to 90% of the dust generated by abrasion, resists heat making them usable even with angle grinders, usable dry and wet. Longer service life and healthier working environment thanks to the suction of residues.



Steel · Aluminum · Wood · Paints · Stucco · Composites · Surface Prep. · Water · Dry · Angle grinder · Orbital sander

Art.	€	Diameter ø	Grit	Pack
VDR150/080	€ 0,82	150 mm	80	50
VDR150/120	€ 0,82	150 mm	120	50
VDR150/180	€ 0,82	150 mm	180	50
VDR150/240	€ 0,82	150 mm	240	50
VDR150/320	€ 0,82	150 mm	320	50
VDR150/400	€ 0,82	150 mm	400	50
VDR150/600	€ 0,82	150 mm	600	50

PDBX

BACKING PADS WITHOUT FOAM

For velcro discs



M14 · Dry · Angle grinder · Orbital sander

Art.	€	Diameter ø	Thread	rpm max
PDB115/M14	€ 9,20	115 mm	M14	13300
PDB125/M14	€ 10,50	125 mm	M14	12200
PDB150/M14	€ 14,10	150 mm	M14	10000

PDMX

BACKING PADS WITH FOAM

Professional version, for velcro discs, to adapt better to the workpiece to be worked.



M14 · Dry · Angle grinder · Orbital sander

Art.	€	Diameter ø	Thickness	Thread	rpm max
PDM115/12M14	€ 16,40	115 mm	12 mm	M14	13300
PDM125/12M14	€ 18,70	125 mm	12 mm	M14	12200
PDM150/12M14	€ 21,30	150 mm	12 mm	M14	10000

PMEX

BACKING PADS WITH FOAM

For velcro discs, to adapt better to the workpiece.



M14 Dry Angle grinder Orbital sander

Art.	€	Diameter ø	Thickness	Thread	rpm max
PME125/18M14	€ 5,10	125 mm	18 mm	M14	6800
PME150/12M14	€ 7,20	150 mm	12 mm	M14	10000

PDVX-M14

BACKING PAD WITH VENTILATION

For velcro discs, the grooves improve heat dispersion, increasing the life of the abrasive and preventing overheating of the work piece.



M14 Dry Angle grinder Orbital sander

Art.	€	Diameter ø	Thread
PDV115/M14	€ 31,20	115 mm	M14
PDV125/M14	€ 32,00	125 mm	M14
PDV150/M14	€ 35,20	150 mm	M14

PPSX

POLYURETHANE BACKING PADS

For velcro discs, soft version.



M14 Dry Angle grinder Orbital sander

Art.	€	Diameter ø	Thickness	Thread	rpm max
PPS125/27M14	€ 20,10	125 mm	27 mm	M14	8000
PPS150/29M14	€ 21,60	150 mm	29 mm	M14	7000

0459 € 7,10

HOOK AND LOOP PAD

With 6 holes and 5/16"–24tpi male thread.



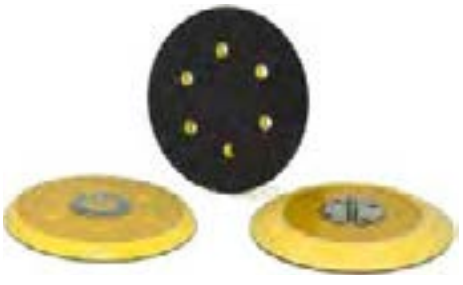
Hangable

Disc diameter	150 mm – 6"
Max speed	12000 rpm

PFLX

BACKING PADS FOR ORBITAL SANDERS

Dry Orbital sander



Art.	€	Diameter ø	Thickness	Shank	Holes	rpm max
PFL125/10F8	€ 14,70	125 mm	10 mm	5/16" mm	8	12000
PFL150/10	€ 17,10	150 mm	10 mm	5/16" mm	-	10000
PFL150/10F6	€ 18,40	150 mm	10 mm	5/16" mm	6	10000

TEV120 € 9,80

BLOCK FOR VELCRO DISCS

Ergonomic shape, quick change of the abrasive sheet.



Dry Manual use

Size	70 x 120 mm

TDV € 17,90

BLOCK FOR VELCRO DISCS

Allows you to use velcro discs by hand.



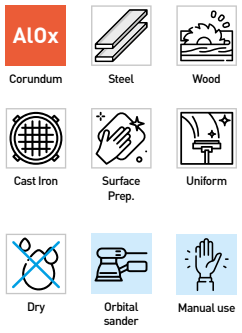
Dry Manual use

Size	150 mm

RASX

ANTI WASTE ROLLS

Extra flexible double resin canvas. Specific for turning, molds, weapons and for all processes that require a highly flexible and long-lasting canvas



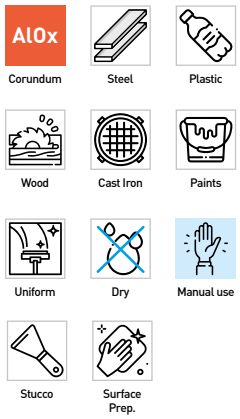


Art.	€	Dimensions	Grit
RAS40	€ 26,90	50 mm x 25 m	40
RAS60	€ 24,20	50 mm x 25 m	60
RAS80	€ 23,00	50 mm x 25 m	80
RAS120	€ 20,10	50 mm x 25 m	120
RAS180	€ 20,10	50 mm x 25 m	180
RAS220	€ 20,10	50 mm x 25 m	220
RAS320	€ 20,10	50 mm x 25 m	320
RAS400	€ 20,10	50 mm x 25 m	400

RSSX

ANTI-WASTE SPONGE ROLLS

Corundum self-lubricating C weight paper coupled with sponge.





Art.	€	Dimensions	Grit
RSS150	€ 67,20	115 mm x 25 m	150
RSS180	€ 67,20	115 mm x 25 m	180
RSS240	€ 67,20	115 mm x 25 m	240
RSS320	€ 67,20	115 mm x 25 m	320
RSS400	€ 67,20	115 mm x 25 m	400
RSS500	€ 67,20	115 mm x 25 m	500
RSS600	€ 67,20	115 mm x 25 m	600
RSS800	€ 67,20	115 mm x 25 m	800
RSS1000	€ 67,20	115 mm x 25 m	1000

RSRX

VELCRO PAPER ROLLS

Antistatic corundum paper, semi-open coating, E weight. Dry use, suitable for working wood, leather, stucco and metal.





Art.	€	Dimensions	Grit
RSR115/050/040	€ 61,40	115 x 25 m	40
RSR115/050/060	€ 53,10	115 x 25 m	60
RSR115/050/080	€ 49,20	115 x 25 m	80
RSR115/050/120	€ 48,10	115 x 25 m	120

RSAX

LUBRICANT VELCRO PAPER ROLLS

Corundum stearate on light paper (C weight), semi-open coating, dry use





Art.	€	Dimensions	Grit
RSA115/25/080	€ 47,30	115 mm x 25 m	80
RSA115/25/120	€ 47,30	115 mm x 25 m	120
RSA115/25/150	€ 47,30	115 mm x 25 m	150
RSA115/25/180	€ 47,30	115 mm x 25 m	180
RSA115/25/220	€ 47,30	115 mm x 25 m	220
RSA115/25/320	€ 47,30	115 mm x 25 m	320

FTRX

FLEXIBLE CLOTH

Flexible canvas with cotton backing



Al0x Corundum · Steel · Aluminum · Wood · Cast Iron · Surface Prep. · Uniform · Dry · Orbital sander · Manual use

Art.	€	Dimensions	Grit	Pack
FTR230/040	€ 1,35	230 x 280 mm	40	50
FTR230/060	€ 1,21	230 x 280 mm	60	50
FTR230/080	€ 1,11	230 x 280 mm	80	50
FTR230/120	€ 0,98	230 x 280 mm	120	50
FTR230/180	€ 0,98	230 x 280 mm	180	50
FTR230/220	€ 0,98	230 x 280 mm	220	50
FTR230/320	€ 0,98	230 x 280 mm	320	50
FTR230/400	€ 0,98	230 x 280 mm	400	50
FTR230/600	€ 1,11	230 x 280 mm	600	50

RTFX

RESIN CLOTH ROLLS

Very flexible and resistant. Suitable for working both flat and shaped surfaces.



Al0x Corundum · Steel · Aluminum · Wood · Cast Iron · Surface Prep. · Uniform · Dry · Orbital sander · Manual use

Art.	€	Dimensions	Grit	Pack
RTF120/005/040	€ 7,20	115 mm x 5 m	40	10
RTF120/005/060	€ 7,20	115 mm x 5 m	60	10
RTF120/005/080	€ 7,20	115 mm x 5 m	80	10
RTF120/005/100	€ 7,20	115 mm x 5 m	100	10
RTF120/005/120	€ 7,20	115 mm x 5 m	120	10
RTF120/050/040	€ 59,00	115 mm x 50 m	40	10
RTF120/050/060	€ 59,00	115 mm x 50 m	60	10
RTF120/050/080	€ 59,00	115 mm x 50 m	80	10
RTF120/050/100	€ 59,00	115 mm x 50 m	100	10
RTF120/050/120	€ 59,00	115 mm x 50 m	120	10

RCLX

LATEX WATERPROOF ROLLS

For wet and dry sanding, usually used in polishing and sanding metal moulds, carbon fiber workpieces, fiber glass, composite materials, and precision instruments.



Al0x Corundum · Finishing · Steel · Composites · Uniform · Water · Dry · Manual use

Art.	€	Dimensions	Grit
RCL115/100/080	€ 117,00	115 mm x 100 m	80
RCL115/100/100	€ 117,00	115 mm x 100 m	100
RCL115/100/120	€ 117,00	115 mm x 100 m	120
RCL115/100/150	€ 117,00	115 mm x 100 m	150
RCL115/100/180	€ 117,00	115 mm x 100 m	180

RCSX

STEARATE ROLLS

Stearate rolls, prevent clogging and static, flexible and high wear resistant, ideal for paint sanding. The addition of zinc stearate prevents clogging.



Al0x Corundum · Wood · Paints · Stucco · Composites · Surface Prep. · Uniform · Dry · Manual use

Art.	€	Dimensions	Grit
RCS115/050/150	€ 64,10	115 mm x 50 m	150
RCS115/050/180	€ 64,10	115 mm x 50 m	180
RCS115/050/240	€ 64,10	115 mm x 50 m	240
RCS115/050/320	€ 64,10	115 mm x 50 m	320
RCS115/050/400	€ 64,10	115 mm x 50 m	400
RCS115/050/600	€ 64,10	115 mm x 50 m	600

FLIX

LATEX WATERPROOF SHEETS

Wet and dry sanding, usually used in polishing and sanding paints, precision instrument, metal, composite materials, automobile production and repair, electron.



SiC Silicon carbide | F Finishing | Steel | Aluminum | Plastic | Paints | Composites | Uniform

Water | Dry | Axial grinder | Manual use

Art.	€	Dimensions	Grit	Pack
FLI230/240	€ 0,60	230 x 280 mm	240	100
FLI230/320	€ 0,60	230 x 280 mm	320	100
FLI230/400	€ 0,60	230 x 280 mm	400	100
FLI230/600	€ 0,60	230 x 280 mm	600	100
FLI230/800	€ 0,60	230 x 280 mm	800	100
FLI230/1000	€ 0,60	230 x 280 mm	1000	100
FLI230/1200	€ 0,60	230 x 280 mm	1200	100

SPIXZ

REINFORCED ABRASIVE SPIRABANDS

Created with strips of abrasive cloth, wrapped and glued on a cotton support, ideal for grinding aluminum or steel. To be used with the relative rubber sleeve holders. To reach parts that are difficult to access or to maintain the radii.



Zr Zirconium | F Finishing | Steel | Stainless steel | Aluminum | Uniform | Dry | Axial grinder

Art.	€	Dimensions	Grit	rpm max	Pack
SPI1020/040Z	€ 0,31	10 x 20 mm	40	36000	100
SPI1020/060Z	€ 0,30	10 x 20 mm	60	36000	100
SPI1020/080Z	€ 0,30	10 x 20 mm	80	36000	100
SPI1020/120Z	€ 0,30	10 x 20 mm	120	36000	100
SPI1530/040Z	€ 0,43	15 x 30 mm	40	26000	100
SPI1530/060Z	€ 0,41	15 x 30 mm	60	26000	100
SPI1530/080Z	€ 0,41	15 x 30 mm	80	26000	100
SPI1530/120Z	€ 0,41	15 x 30 mm	120	26000	100
SPI2030/040Z	€ 0,51	20 x 30 mm	40	18000	100
SPI2030/060Z	€ 0,48	20 x 30 mm	60	18000	100
SPI2030/080Z	€ 0,48	20 x 30 mm	80	18000	100
SPI2030/120Z	€ 0,48	20 x 30 mm	120	18000	100
SPI2220/040Z	€ 0,41	22 x 20 mm	40	17000	100
SPI2220/060Z	€ 0,41	22 x 20 mm	60	17000	100
SPI2220/080Z	€ 0,41	22 x 20 mm	80	17000	100
SPI2220/120Z	€ 0,41	22 x 20 mm	120	17000	100
SPI2525/040Z	€ 0,55	25 x 25 mm	40	15000	100
SPI2525/060Z	€ 0,51	25 x 25 mm	60	15000	100
SPI2525/080Z	€ 0,51	25 x 25 mm	80	15000	100
SPI2525/120Z	€ 0,51	25 x 25 mm	120	15000	100
SPI3030/040Z	€ 0,60	30 x 30 mm	40	13000	100
SPI3030/060Z	€ 0,59	30 x 30 mm	60	13000	100
SPI3030/080Z	€ 0,59	30 x 30 mm	80	13000	100
SPI3030/120Z	€ 0,59	30 x 30 mm	120	13000	100
SPI4530/040Z	€ 0,82	45 x 30 mm	40	8500	100
SPI4530/060Z	€ 0,74	45 x 30 mm	60	8500	100
SPI4530/080Z	€ 0,74	45 x 30 mm	80	8500	100
SPI4530/120Z	€ 0,74	45 x 30 mm	120	8500	100

SGCX

RUBBER HOLDERS

Expansion rubber holders, used to fix spirabands.





Axial grinder

Art.	€	Dimensions	Shank	rpm max
SGC1020	€ 6,60	10 x 20 mm	6 mm	36000
SGC1530	€ 6,00	15 x 30 mm	6 mm	26000
SGC2030	€ 8,40	20 x 30 mm	6 mm	18000
SGC2220	€ 6,20	22 x 20 mm	6 mm	17000
SGC2525	€ 8,40	25 x 25 mm	6 mm	15000
SGC3030	€ 8,60	30 x 30 mm	6 mm	13300
SGC4530	€ 10,40	45 x 30 mm	6 mm	8500

CRDXT

CARTRIDGE ROLLS

Small size tools, for grinding operations of points difficult to reach. Can also work at peak. The rolled-up construction gives the tool a longer service life than normal cylindrical spiral bands. Universal use on steel, non-ferrous metals and plastic.





Corundum | Steel | Stainless steel | Aluminum | Plastic | Cast Iron | Deburring | Axial grinder

Art.	€	Dimensions	Grit	Shape	Pack
CRD1038/060T	€ 0,77	10 x 38 mm	60	Conical	50
CRD1038/080T	€ 0,77	10 x 38 mm	80	Conical	50
CRD1038/120T	€ 0,77	10 x 38 mm	120	Conical	50
CRD1238/060T	€ 0,93	12 x 38 mm	60	Conical	50
CRD1238/080T	€ 0,93	12 x 38 mm	80	Conical	50
CRD1238/120T	€ 0,93	12 x 38 mm	120	Conical	50

CRDXC

CARTRIDGE ROLLS

Small size tools, for grinding operations of points difficult to reach. Can also work at peak. The rolled-up construction gives the tool a longer service life than normal cylindrical spiral bands. Universal use on steel, non-ferrous metals and plastic.





Corundum | Steel | Stainless steel | Aluminum | Plastic | Cast Iron | Deburring | Axial grinder

Art.	€	Dimensions	Grit	Shape	Pack
CRD0638/060C	€ 0,51	6 x 38 mm	60	Cylindrical	50
CRD0638/080C	€ 0,51	6 x 38 mm	80	Cylindrical	50
CRD0638/120C	€ 0,51	6 x 38 mm	120	Cylindrical	50
CRD1038/040C	€ 0,68	10 x 38 mm	40	Cylindrical	50
CRD1038/060C	€ 0,68	10 x 38 mm	60	Cylindrical	50
CRD1038/080C	€ 0,68	10 x 38 mm	80	Cylindrical	50
CRD1038/120C	€ 0,68	10 x 38 mm	120	Cylindrical	50

PCR6338 € 8,50

PIN FOR CARTRIDGE ROLLS





Axial grinder

NTXA

ABRASIVE BELTS



Al0x Corundum | Steel | Aluminum | Wood | Cast Iron | Deburring | Surface Prep. | Fixed Sander

Art.	€	Dimensions	Grit	Pack
NT0440/035/040A	€ 1,79	440 x 35 mm	40	10
NT0440/035/060A	€ 1,79	440 x 35 mm	60	10
NT0440/035/080A	€ 1,79	440 x 35 mm	80	10
NT0440/035/120A	€ 1,79	440 x 35 mm	120	10
NT0533/075/040A	€ 3,40	533 x 75 mm	40	10
NT0533/075/060A	€ 3,40	533 x 75 mm	60	10
NT0533/075/080A	€ 3,40	533 x 75 mm	80	10
NT0533/075/120A	€ 3,40	533 x 75 mm	120	10
NT0686/050/040A	€ 5,00	686 x 50 mm	40	10
NT0686/050/060A	€ 5,00	686 x 50 mm	60	10
NT0686/050/080A	€ 5,00	686 x 50 mm	80	10
NT0686/050/100A	€ 5,00	686 x 50 mm	100	10
NT0686/050/120A	€ 5,00	686 x 50 mm	120	10
NT0914/100/040A	€ 7,00	914 x 100 mm	40	10
NT0914/100/060A	€ 7,00	914 x 100 mm	60	10
NT0914/100/080A	€ 7,00	914 x 100 mm	80	10
NT0914/100/100A	€ 7,00	914 x 100 mm	100	10
NT0914/100/120A	€ 7,00	914 x 100 mm	120	10
NT1000/100/040A	€ 7,20	1000 x 100 mm	40	10
NT1000/100/060A	€ 7,20	1000 x 100 mm	60	10
NT1000/100/080A	€ 7,20	1000 x 100 mm	80	10
NT1000/100/120A	€ 7,20	1000 x 100 mm	120	10
NT1075/025/040A	€ 4,39	1075 x 25 mm	40	10
NT1075/025/060A	€ 4,39	1075 x 25 mm	60	10
NT1075/025/080A	€ 4,39	1075 x 25 mm	80	10
NT1075/025/100A	€ 4,39	1075 x 25 mm	100	10
NT1075/025/120A	€ 4,39	1075 x 25 mm	120	10
NT1219/152/040A	€ 7,90	1219 x 152 mm	40	10
NT1219/152/060A	€ 7,90	1219 x 152 mm	60	10
NT1219/152/080A	€ 7,90	1219 x 152 mm	80	10
NT1219/152/100A	€ 7,90	1219 x 152 mm	100	10
NT1219/152/120A	€ 7,90	1219 x 152 mm	120	10
NT1500/120/040A	€ 6,70	1500 x 120 mm	40	10
NT1500/120/060A	€ 6,70	1500 x 120 mm	60	10
NT1500/120/080A	€ 6,70	1500 x 120 mm	80	10
NT1500/120/120A	€ 6,70	1500 x 120 mm	120	10
NT1750/150/040A	€ 9,80	1750 x 150 mm	40	10
NT1750/150/060A	€ 9,80	1750 x 150 mm	60	10
NT1750/150/080A	€ 9,80	1750 x 150 mm	80	10
NT1750/150/120A	€ 9,80	1750 x 150 mm	120	10

NTXZ

ABRASIVE BELTS



Zr Zirconium | Steel | Stainless steel | Aluminum | Cast Iron | Deburring | Surface Prep. | Fixed Sander

Art.	€	Dimensions	Grit	Pack
NT0330/010/040Z	€ 0,76	330 x 10 mm	40	10
NT0330/010/060Z	€ 0,66	330 x 10 mm	60	10
NT0330/010/080Z	€ 0,66	330 x 10 mm	80	10
NT0330/010/120Z	€ 0,66	330 x 10 mm	120	10
NT520/020/040Z	€ 1,02	520 x 20 mm	40	10
NT520/020/060Z	€ 0,87	520 x 20 mm	60	10
NT520/020/080Z	€ 0,77	520 x 20 mm	80	10
NT520/020/120Z	€ 0,68	520 x 20 mm	120	10
NT0610/100/040Z	€ 3,83	610 x 100 mm	40	10
NT0610/100/060Z	€ 3,37	610 x 100 mm	60	10
NT0610/100/080Z	€ 3,19	610 x 100 mm	80	10
NT0610/100/120Z	€ 3,13	610 x 100 mm	120	10
NT0760/040/040Z	€ 2,07	760 x 40 mm	40	10
NT0760/040/060Z	€ 1,79	760 x 40 mm	60	10
NT0760/040/080Z	€ 1,79	760 x 40 mm	80	10
NT0760/040/120Z	€ 1,79	760 x 40 mm	120	10
NT0914/100/040Z	€ 5,00	914 x 100 mm	40	10
NT0914/100/060Z	€ 4,81	914 x 100 mm	60	10
NT0914/100/080Z	€ 4,81	914 x 100 mm	80	10
NT0914/100/120Z	€ 4,81	914 x 100 mm	120	10
NT1000/100/040Z	€ 4,90	1000 x 100 mm	40	10
NT1000/100/060Z	€ 4,15	1000 x 100 mm	60	10
NT1000/100/080Z	€ 4,15	1000 x 100 mm	80	10
NT1000/100/120Z	€ 4,05	1000 x 100 mm	120	10
NT1219/152/040Z	€ 10,40	1219 x 152 mm	40	10
NT1219/152/060Z	€ 8,50	1219 x 152 mm	60	10
NT1219/152/080Z	€ 8,50	1219 x 152 mm	80	10
NT1219/152/120Z	€ 8,50	1219 x 152 mm	120	10
NT1500/120/040Z	€ 8,30	1500 x 120 mm	40	10
NT1500/120/060Z	€ 7,00	1500 x 120 mm	60	10
NT1500/120/080Z	€ 7,00	1500 x 120 mm	80	10
NT1500/120/120Z	€ 7,00	1500 x 120 mm	120	10
NT1750/150/040Z	€ 8,50	1750 x 150 mm	40	10
NT1750/150/060Z	€ 7,70	1750 x 150 mm	60	10
NT1750/150/080Z	€ 7,70	1750 x 150 mm	80	10
NT1750/150/120Z	€ 7,70	1750 x 150 mm	120	10
NT2000/050/040Z	€ 4,72	2000 x 50 mm	40	10
NT2000/050/060Z	€ 3,77	2000 x 50 mm	60	10
NT2000/050/080Z	€ 3,77	2000 x 50 mm	80	10
NT2000/050/120Z	€ 3,77	2000 x 50 mm	120	10
NT2000/150/040Z	€ 15,10	2000 x 150 mm	40	10
NT2000/150/060Z	€ 13,20	2000 x 150 mm	60	10
NT2000/150/080Z	€ 13,20	2000 x 150 mm	80	10
NT2000/150/120Z	€ 13,20	2000 x 150 mm	120	10

SURFACE CONDITIONING

SCDX

SURFACE CONDITIONING FLAP DISCS

Fast and steady finish without clogging, cooler cut. increased lifetime compared to standard surface conditioning discs



Surface Cond. | Glass fiber | T27 | Single | EN 13743 | Steel | Stainless steel | Cast Iron

Paint stripping | Uniform | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	Grit	rpm max	Pack
SCD115/C	€ 6,50	Ø 115 x 22 mm	Coarse	13300	10
SCD115/M	€ 6,50	Ø 115 x 22 mm	Medium	13300	10
SCD115/VF	€ 6,50	Ø 115 x 22 mm	Very Fine	13300	10
SCD125/C	€ 8,00	Ø 125 x 22 mm	Coarse	12200	10
SCD125/M	€ 8,00	Ø 125 x 22 mm	Medium	12200	10
SCD125/VF	€ 8,00	Ø 125 x 22 mm	Very Fine	12200	10

SPA115/M14 € 19,90

BACKING PAD

For surface conditioning discs.



M14 | Angle grinder

Diameter Ø	115 mm
Thread	M14
rpm max	13300

VSCX

SURFACE CONDITIONING DISCS

Surface preparation for painting, to repair defects with an uniform satin finish. removes oxidation, scratches, varnishes, welding marks.



Surface Cond. | Steel | Stainless steel | Cast Iron | Paint stripping | Uniform | Angle grinder

Art.	€	Diameter Ø	Grit	rpm max	Pack
VSC115/080C	€ 3,80	115 mm	Coarse (80)	5100	10
VSC115/120M	€ 3,80	115 mm	Medium (120)	5100	10
VSC115/240VF	€ 3,80	115 mm	Very Fine (240)	5100	10

MSCX

FAST LOCK SURFACE CONDITIONING

Removes oxidation, scratches, varnishes, welding marks.



Surface Cond. | Nylon | TR male | Steel | Stainless steel | Cast Iron | Paint stripping | Uniform | Axial grinder

Art.	€	Diameter Ø	Grit	rpm max	Pack
MSC050/C	€ 1,96	50 mm	Coarse	25000	10
MSC050/M	€ 1,96	50 mm	Medium	25000	10
MSC050/VF	€ 1,87	50 mm	Very Fine	25000	10
MSC075/C	€ 2,49	75 mm	Coarse	20000	25
MSC075/M	€ 2,49	75 mm	Medium	20000	25
MSC075/VF	€ 2,49	75 mm	Very Fine	20000	25

PARX

NON WOVEN ROLLS

Non-woven synthetic fiber compounds, combined with abrasive grain particles via resin. Resistant to water and lubricants, suitable for satin finishing, sanding, removing paint residues or scratches, used in different sectors: metal, wood, paints, plastics, ceramics



Surface Cond. | Steel | Stainless steel | Cast Iron | Paint stripping | Uniform | Manual use

Art.	€	Dimensions	Grit
PAR115/120AM	**€ 41,10**	115 mm x 10 m	A.Medium (120)
PAR115/180AF	**€ 41,10**	115 mm x 10 m	A.Fine (180)
PAR115/320AVF	**€ 41,10**	115 mm x 10 m	A.Very Fine (320)
PAR115/600AUF	**€ 41,10**	115 mm x 10 m	A.Ultra Fine (600)

FPA120-

NON WOVEN SHEETS

Non-woven synthetic fiber compounds, combined with abrasive grain particles via resin. Resistant to water and lubricants, suitable for satin finishing, sanding, removing paint residues or scratches, used in different sectors: metal, wood, paints, plastics, ceramics



Surface Cond. | Steel | Stainless steel | Cast Iron | Paint stripping | Uniform | Manual use

Art.	€	Dimensions	Grit	Pack
FPA120/M	**€ 1,68**	115 x 280 mm	A.Medium (120)	10
FPA120/F	**€ 1,68**	115 x 280 mm	A.Fine (180)	10
FPA120/VF	**€ 1,68**	115 x 280 mm	A.Very Fine (320)	10
FPA120/UF	**€ 1,68**	115 x 280 mm	S.Ultra Fine (600)	10





CSCD-

ABRASIVE NYLON DISCS



Abrasive nylon | Glass fiber | T27 | Steel | Stainless steel | Cast Iron | Surface Prep. | Uniform

0 - 15° | Angle grinder | Made In RIFLEX

Art.	€	Dimensions	rpm max	Pack
CSCD/F115	€ 6,20	115 x 22 mm	11000	5
CSCD/F180	€ 9,00	180 x 22 mm	7000	5
CSCD/F115HD	€ 6,80	115 x 22 mm	11000	5

ADF-

FASTENING SHAFT



Steel | Stainless steel | Cast Iron | Portable Drill

Art.	€	Dimensions	Type	Pack
ADF/01	€ 1,96	10 x 6 mm	25	10
ADF/02	€ 2,05	12,8 x 8 mm	24	10

CSDS-

FLAT DISCS WITH HOLE FOR DRILL

Flat discs with hole for drill



Abrasive nylon | Steel | Stainless steel | Cast Iron | Surface Prep. | Uniform | Portable Drill

Art.	€	Diameter	rpm max
CSDS/100	€ 4,11	100 mm	8000
CSDS/150	€ 6,70	150 mm	5350
CSDS/200	€ 10,30	200 mm	4000

CSF-

ABRASIVE NYLON BLACK CLEANER

Fast lock. suited for rust, varnish and oxidations removal.



Abrasive nylon | Nylon | TR male | Steel | Stainless steel | Cast Iron | Surface Prep. | Uniform | Axial grinder

Art.	€	Diameter Ø	rpm max	Pack
CSF/050	€ 2,93	50 mm	12000	10
CSF/075	€ 4,51	75 mm	8000	10



UNCD-

NON WOVEN ABRASIVE DISCS FOR SURFACE FINISHING

Impregnated with resin and compressed.



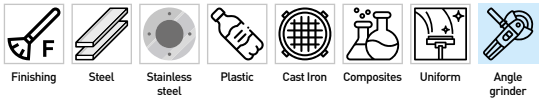


Art.	€	Dimensions	Grit	rpm max	Pack
UNCD/F115F	**€ 14,50**	115 x 22 mm	S/C-F	11000	5
UNCD/F115M	**€ 14,50**	115 x 22 mm	S/C-M	11000	5
UNCD/F115C	**€ 14,50**	115 x 22 mm	A/O-C	11000	5

UNPX

UNITIZED FLAT DISCS

Suited for corner blending and finishing, to be used with low speed angle grinders. the product must work on the edge, do not exert lateral pressure



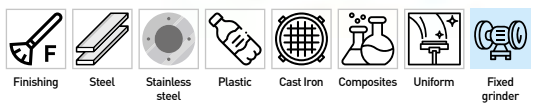


Art.	€	Diameter Ø	Thickness	Hole	Grit	rpm max	Pack
UNP115/6/3SF	**€ 11,20**	115 mm	6 mm	22 mm	3 S.Fine	5000	5
UNP115/6/6SM	**€ 13,00**	115 mm	6 mm	22 mm	6 S.Medium	5000	5
UNP125/6/3SF	**€ 13,00**	125 mm	6 mm	22 mm	3 S.Fine	5000	5
UNP125/6/6SM	**€ 15,10**	125 mm	6 mm	22 mm	6 S.Medium	5000	5

UNFX

UNITIZED DISCS

3am medium hardness, medium grit size blending, removal grinding scratches, light deburring of edges. 6ac hard, coarse grit size. deburring, heavy brushing, removal of deep scratches and oxidations. 6sf very hard, fine grit size. longer life and better reistance but less conformability to work piece.





Art.	€	Diameter Ø	Thickness	Hole	Grit	rpm max	Pack
UNF150/6/3AM	**€ 18,50**	150 mm	6 mm	25 mm	3 A.Medium	5000	5
UNF150/6/6SF	**€ 18,70**	150 mm	6 mm	25 mm	6 S.Fine	5000	5
UNF150/6/6AC	**€ 22,00**	150 mm	6 mm	25 mm	6 A.Coarse	5000	5

MDUX

FAST LOCK UNITIZED

Deburring and finishing od edges and corners, blending, removing of scratches and light oxidations.
Superior quality surface finishing.





Art.	€	Diameter Ø	Grit	rpm max
MDU075/2SF	**€ 10,40**	75 mm	2SF	20000
MDU075/6SF	**€ 11,90**	75 mm	6SF	20000
MDU075/6AM	**€ 14,00**	75 mm	6AM	20000

PAS-

GRINDING PASTES

White: fat paste for roughing-up and preliminary work with sisal, tampico, wire brushes. suited for iron, aluminium, zamak stainless steel, silver, brass. Blue: fat medium paste for polishing and second cut on medium smooth surfaces. for steel, zamak, brass. Pink: medium fat paste for buffing and polishing. Suited for second cut on brass, aluminium, zamak, silver, chrome. Green: medium/fat paste, suited to be used with sisal for stainless finishing. Yellow: cutting paste por precious metal. Silver, gold.



Finishing

Art.	€	Color
PAS/W	€ 6,40	White
PAS/B	€ 8,50	Blue
PAS/P	€ 8,20	Pink
PAS/Y	€ 7,20	Yellow
PAS/G	€ 6,90	Green

DLFX

FELT FLAP DISCS

Suited for mirror polishing, to be used with compounds or abrasive pastes. Felt flaps are flexible and prevent overheating.

Felt · Glass fiber · T27 · EN 13743 · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · 0 - 15° · Angle grinder · Made In RIFLEX



Art.	€	Dimensions	rpm max	Pack
DLF115	€ 4,94	Ø 115 x 22 mm	6000	10
DLF125	€ 5,80	Ø 125 x 22 mm	6000	10

S169 € 9,40

POLISHING KIT

Green and pink: paste for finishing polishes on the main categories of metals. Brown and Black: for performing coarse / medium finish polishes on materials such as brass, aluminum and zinc. White: for carrying out coarse / medium finish polishing on materials such as iron, stainless steel and copper.



5 Pcs · Blister · Steel · Stainless steel · Aluminum · Non-ferr. alloys · Cast Iron · Manual use

MDFX

FAST LOCK FELTRO

Suited for mirror polishing, to be used with compounds or abrasive pastes

Felt · Nylon · TR male · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Axial grinder



Art.	€	Diameter ø	rpm max	Pack
MDF050	€ 2,64	50 mm	25000	10
MDF075	€ 3,63	75 mm	20000	10

RGFX

FELT FLAP WHEELS

Suited for mirror polishing, to be used with compounds or abrasive pastes. Felt flaps are flexible and prevent overheating of normal felt wheels.

Felt · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Axial grinder



Art.	€	Diameter ø	Thickness	Shank	rpm max	Pack
RGF030/30	€ 4,94	30 mm	30 mm	6 mm	12500	10
RGF040/30	€ 5,50	40 mm	30 mm	6 mm	9500	10
RGF050/30	€ 6,30	50 mm	30 mm	6 mm	7500	10
RGF060/30	€ 6,90	60 mm	30 mm	6 mm	6000	10
RGF080/30	€ 9,30	80 mm	30 mm	6 mm	4500	10

DFFX

FELT DISCS

Suited for polishing . to be used with compound or diamond paste. best peripheral speed 5-10 m/s



Felt · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Fixed grinder

Art.	€	Diameter ø	Thickness	Hole
DFF100/13	€ 6,40	100 mm	13 mm	10 mm
DFF150/13	€ 11,40	150 mm	13 mm	15 mm
DFF150/25	€ 20,60	150 mm	25 mm	15 mm
DFF200/13	€ 17,60	200 mm	13 mm	15 mm
DFF200/25	€ 36,00	200 mm	25 mm	15 mm

VDFX

VELCRO FELT DISCS

Suited for polishing. To be used with compound or diamond paste.



Felt · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Orbital sander

Art.	€	Diameter ø	Thickness	rpm max	Pack
VDF075	€ 3,86	75 mm	5 mm	6000	10
VDF115	€ 4,50	115 mm	5 mm	4000	10
VDF125	€ 5,10	125 mm	5 mm	3500	10
VDF150	€ 7,10	150 mm	5 mm	3000	10
VDF180	€ 9,40	180 mm	5 mm	2500	10

MFGX

FELT POINT

Suited for polishing cut off forms. to be used with diamond paste. best peripheral speed 5-10 m/s.

Felt · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Axial grinder

Art.	€	Shape	Diameter ø	Thickness	Shank	Pack
MFG0610/03A	€ 1,28	A	6 mm	10 mm	3 mm	10
MFG0810/03A	€ 1,28	A	8 mm	10 mm	3 mm	10
MFG1014/06A	€ 1,34	A	10 mm	14 mm	6 mm	10
MFG1520/06A	€ 1,43	A	15 mm	20 mm	6 mm	10
MFG0812/03K	€ 1,35	K	8 mm	12 mm	3 mm	10
MFG1018/06K	€ 1,43	K	10 mm	18 mm	6 mm	10
MFG1530/06K	€ 2,45	K	15 mm	30 mm	6 mm	10
MFG1530/06C	€ 2,44	C	15 mm	30 mm	6 mm	10
MFG2025/06C	€ 2,58	C	20 mm	25 mm	6 mm	10
MFG2530/06C	€ 3,86	C	25 mm	30 mm	6 mm	10
MFG2025/06L	€ 2,49	L	20 mm	25 mm	6 mm	10
MFG2530/06L	€ 3,38	L	25 mm	30 mm	6 mm	10



DFC115/M14 — € 18,00

CONICAL FELT DISC

Suited for polishing. to be used with compound or diamond paste.



Felt · M14 · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Angle grinder

Diameter ø	115 mm
Thickness	12 mm
Thread	M14
rpm max	12500

RFF100 — € 54,60

VENTILATED FELT WHEEL



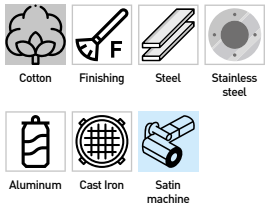
Felt · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Satin machine

Dimensions	110 x 100 mm
Hole diameter	19 mm

DCK100 € 4,42

VENTILATED COTTON DISCS

Mirror polishing. 10 discs to get a 100 mm wheel



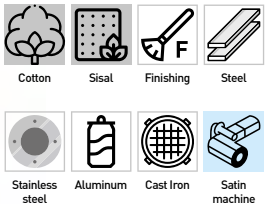


Diameter ø	100 mm
Hole	19,1 mm
Pack	10

DSK100 € 7,00

SISAL/COTTON DISCS

Suited for inox to eliminate abrasive merks and before polishing operations with felt or cotton. 7 discs to get a 100 mm wheel



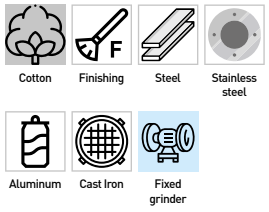


Diameter ø	100 mm
Hole	19,1 mm
Pack	10

DCTX

STITCHED COTTON DISCS

Layers of cotton bonded together by concentric stitching. suited for polishing, to be used with pastes.



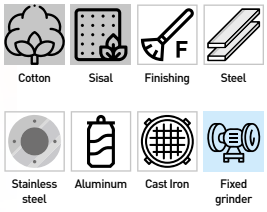


Art.	€	Diameter ø	Hole
DCT150	**€ 4,85**	150 mm	12 mm
DCT200	**€ 7,70**	200 mm	20 mm
DCT250	**€ 14,10**	250 mm	20 mm

DSCX

SISAL & COTTON DISCS

Suited for stainless steel to eliminate abrasive marks and before polishing operations with felt or cotton. to be used with pastes.



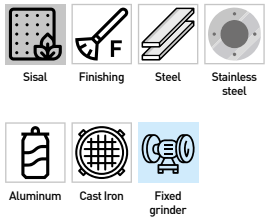


Art.	€	Diameter ø	Hole
DSC150	**€ 6,40**	150 mm	20 mm
DSC200	**€ 12,40**	200 mm	20 mm
DSC250	**€ 15,80**	250 mm	20 mm

DSTX

SISAL STITCHED DISCS

Suited for stainless steel to eliminate abrasive marks and before polishing operations with felt or cotton. to be used with pastes.



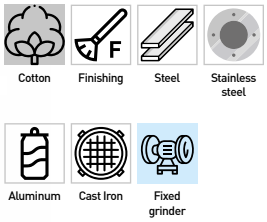


Art.	€	Diameter ø	Hole
DST150	**€ 6,60**	150 mm	20 mm
DST200	**€ 13,00**	200 mm	20 mm
DST250	**€ 18,90**	250 mm	20 mm

DCVX

VENTILATED DISCS

Ventilated cotton discs.





Art.	€	Diameter ø	Hole	Layers
DCV150	**€ 4,26**	150 mm	20 mm	8
DCV200	**€ 11,40**	200 mm	20 mm	16

DMV150 € 4,94

VENTILATED DISCS

Ventilated sisal and cotton discs.



Sisal, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Fixed grinder

Diameter ø	150 mm
Hole	20 mm
Layers	2

DC200 € 21,60

CORRUGATED DISCS

Made of cotton with cardboard core.



Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Fixed grinder

Diameter ø	200 mm
Hole	20 mm
Layers	14

DNW100 € 2,80

WHITE NON WOVEN POLISHING DISCS



Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Axial grinder

Diameter ø	100 mm
Hole	10 mm
Pack	10

DCGX

SHAFT MOUNTED COTTON BUFFINGS

Suited for polishing. to be used with pastes. best peripheral speed 5-10 m/s



Cotton, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Axial grinder

Art.	€	Diameter ø	Thickness	Shank	Pack
DCG050	**€ 3,49**	50 mm	12 mm	6 mm	10
DCG080	**€ 4,41**	80 mm	12 mm	6 mm	10
DCG100	**€ 5,30**	100 mm	12 mm	6 mm	10

FCGX

FLARE BUFFS



Cotton, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Axial grinder

Art.	€	Diameter ø	Shank	Pack
FCG50	**€ 4,24**	50 mm	6 mm	10
FCG75	**€ 6,40**	75 mm	6 mm	10

CCGX

DOME MOPS

For polishing, for use with abrasive paste. optimal peripheral speed 5-10 m / s.



Cotton, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Axial grinder

Art.	€	Diameter ø	Shank	Pack
CCG50	**€ 6,30**	50 mm	6 mm	5
CCG75	**€ 9,80**	75 mm	6 mm	5

PNS € 2,14

SHAFT

Shaft for ventilated disc DNW



Axial grinder

VLA200 € 19,00

TWISTED LAMBS WOOL DISC

Polishing of painted surfaces and marble.



Wool, Finishing, Steel, Stainless steel, Aluminum, Plastic, Cast Iron, Paints, Composites, Orbital sander

Diameter ø	**200 mm**

PLV175 € 25,60

BACKING PAD FOR LAMBS WOOL DISCS

Backing pad suited for VLA200.



M14, Orbital sander

Diameter ø	**175 mm**
Thread	**M14**

VDLX

POLISHING LAMB'S WOOL

Merinos lamb wool. ideal for polishing all painted surfaces with velcro back



Wool, Finishing, Steel, Stainless steel, Aluminum, Plastic, Cast Iron, Paints, Composites, Orbital sander

Art.	€	Diameter ø
VDL075	**€ 5,80**	75 mm
VDL115	**€ 7,10**	115 mm
VDL125	**€ 8,00**	125 mm
VDL150	**€ 9,70**	150 mm
VDL180	**€ 12,20**	180 mm

VSPX

POLYURETHANE BACKING PADS

High & middle profile soft backing pads for contour polishing. pur molded, soft , good rebounding and durability. ideal for contour face polishing, e.g.car body, fiberglass piece, boat, floor etc. suggested to work with lambswool pads, foam pads and abrasive discs.



M14, Orbital sander

Art.	€	Diameter ø	Thread	rpm max
VSP075	**€ 8,90**	75 mm	M14	12200
VSP115	**€ 9,70**	115 mm	M14	10000
VSP125	**€ 10,10**	125 mm	M14	10000
VSP150	**€ 11,60**	150 mm	M14	7000
VSP180	**€ 12,20**	180 mm	M14	5000



BSAX

FOAM BLOCK

Thick foam, abrasive on four sides. wood preparation, doors and windows, angles, de-nibbing. dry and wet sanding, can be washed and reused.



Wood Paints Stucco Uniform Manual use

Art.	€	Dimensions	Grit	Pack
BSA100/060C	€ 0,90	98 x 69 x 26 mm	Coarse (60)	20
BSA100/100M	€ 0,90	98 x 69 x 26 mm	Medium (100)	20
BSA100/180F	€ 0,90	98 x 69 x 26 mm	Fine (180)	20

FSAX

FOAM PAD

Very flexible, abrasive on both sides. dry and wet sanding, can be washed and reused. furniture industry, auto body repair, wood preparation.



Wood Paints Stucco Uniform Manual use

Art.	€	Dimensions	Grit	Pack
FSA120/060C	€ 0,84	120 x 98 x 13 mm	Coarse (60)	20
FSA120/100M	€ 0,84	120 x 98 x 13 mm	Medium (100)	20
FSA120/180F	€ 0,84	120 x 98 x 13 mm	Fine (180)	20

BGAX

ABRASIVE RUBBER BLOCKS

Can be used for various cleaning and manual finishing operations



Finishing Steel Stainless steel Aluminum Cast Iron Uniform Manual use

Art.	€	Dimensions	Grit
BGA8050/036	€ 9,20	80 x 50 x 20 mm	36
BGA8050/060	€ 9,20	80 x 50 x 20 mm	60
BGA8050/120	€ 9,20	80 x 50 x 20 mm	120
BGA8050/240	€ 9,20	80 x 50 x 20 mm	240

SALX

POLISHING SPONGES

Available in different flexibility and porosity, ideal for polishing with polishing pastes. yellow: first polishing, high cut. blue: first polishing fast cut orange: polishing, medium cut white: polishing, medium cut black: final polishing



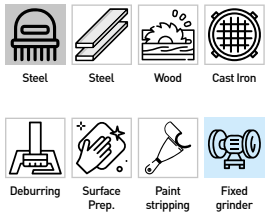
Finishing Steel Stainless steel Aluminum Cast Iron Paints Orbital sander

Art.	€	Diameter ø	Thickness	Color	rpm max
SAL80Y	€ 4,75	80 mm	25 mm	Yellow	8000
SAL80B	€ 3,59	80 mm	25 mm	Blue	8000
SAL80O	€ 3,57	80 mm	25 mm	Orange	8000
SAL80K	€ 3,37	80 mm	25 mm	Black	8000
SAL150Y	€ 13,10	150 mm	50 mm	Yellow	4500
SAL150B	€ 10,20	150 mm	50 mm	Blue	4500
SAL150O	€ 9,90	150 mm	50 mm	Orange	4500
SAL150K	€ 8,20	150 mm	50 mm	Black	4500

SRFX

CIRCULAR BRUSHES

Medium to heavy brush applications: long life, aggressive, very resistant.





Art.	€	Dimensions	Hole	Wire	rpm max
SRF125/25	€ 7,00	Ø 125 x 20 mm	16, 12,7 mm	0,3 mm	6000
SRF150/25	€ 8,50	Ø 150 x 32 mm	25, 22, 20, 16, 12,7 mm	0,3 mm	6000
SRF175/25	€ 9,70	Ø 175 x 32 mm	25, 22, 20, 16 mm	0,3 mm	6000
SRF200/25	€ 12,10	Ø 200 x 32 mm	25, 22, 20, 16 mm	0,3 mm	4500
SRF250/25	€ 23,20	Ø 250 x 32 mm	25, 22, 20, 16 mm	0,3 mm	3000

SRFXI

CIRCULAR BRUSHES

Medium to heavy brush applications: long life, aggressive, very resistant.



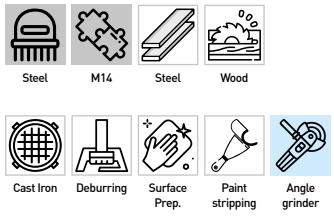


Art.	€	Dimensions	Hole	Wire	rpm max
SRF125/25I	€ 12,50	Ø 125 x 20 mm	16, 12,7 mm	0,3 mm	6000
SRF150/25I	€ 15,40	Ø 150 x 32 mm	25, 22, 20, 16, 12,7 mm	0,3 mm	6000
SRF175/25I	€ 18,40	Ø 175 x 32 mm	25, 22, 20, 16 mm	0,3 mm	6000
SRF200/25I	€ 22,50	Ø 200 x 32 mm	25, 22, 20, 16 mm	0,3 mm	4500
SRF250/25I	€ 34,50	Ø 250 x 32 mm	25, 22, 20, 16 mm	0,3 mm	3000

STFX

CUP BRUSHES

Suited for angle grinders. paint and primer removal, roughing, light rust removal.



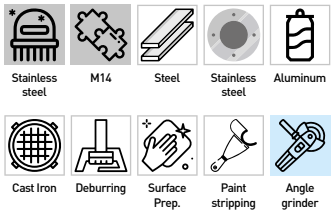


Art.	€	Diameter ø	Thread	Wire	rpm max
STF060	€ 3,45	60 mm	M14	0,3 mm	12500
STF080	€ 4,09	80 mm	M14	0,3 mm	11000
STF100	€ 6,00	100 mm	M14	0,3 mm	8500
STF120	€ 10,70	120 mm	M14	0,3 mm	6500

STFXI

CUP BRUSHES

Suited for angle grinders. paint and primer removal, roughing, light rust removal.



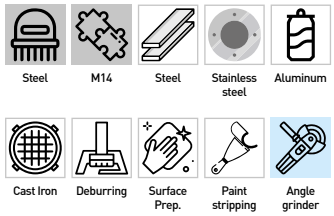


Art.	€	Diameter ø	Thread	Wire	rpm max
STF060I	€ 6,10	60 mm	M14	0,3 mm	12500
STF080I	€ 7,60	80 mm	M14	0,3 mm	11000
STF100I	€ 10,70	100 mm	M14	0,3 mm	8500
STF120I	€ 15,70	120 mm	M14	0,3 mm	6500

SCFX

BEVEL BRUSHES

Suited for angle grinders.



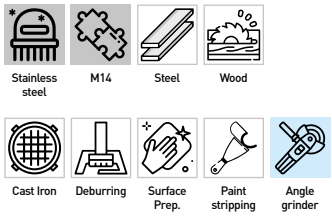


Art.	€	Thread	Wire	rpm max	Diameter ø
SCF090	€ 4,00	M14	0,3 mm	125000	90 mm
SCF120	€ 5,40	M14	0,3 mm	125000	120 mm
SCF150	€ 10,50	M14	0,3 mm	6500	150 mm

SCFXI

BEVEL BRUSHES

Suited for angle grinders.





Art.	€	Thread	Wire	rpm max	Diameter ø
SCF090I	€ 6,00	M14	0,3 mm	125000	90 mm
SCF120I	€ 8,10	M14	0,3 mm	12500	120 mm
SCF150I	€ 15,70	M14	0,3 mm	6000	150 mm

SRRX

TWISTED KNOTS CIRCULAR BRUSHES

Suited to clean welds and to remove paint, rust, encrustations and burrs. high operating speed.



Steel · Steel · Stainless steel · Aluminum

Cast Iron · Deburring · Surface Prep. · Paint stripping · Angle grinder

Art.	€	Diameter ø	Hole	Wire	rpm max
SRR100	€ 6,20	100 mm	22 mm	0,5 mm	12500
SRR150	€ 12,10	150 mm	22 mm	0,5 mm	9000
SRR200	€ 17,30	200 mm	22 mm	0,5 mm	6000

SRRX-M14

TWISTED KNOTS CIRCULAR BRUSHES

Suited to clean welds and to remove paint, rust, encrustations and burrs. high operating speed.



Steel · M14 · Roughing

Steel · Cast Iron · Angle grinder

Art.	€	Diameter ø	Thread	Wire	rpm max
SRR100/M14	€ 6,10	100 mm	M14	0,5 mm	12500
SRR115/M14	€ 7,50	115 mm	M14	0,5 mm	12500
SRR125/M14	€ 9,00	125 mm	M14	0,5 mm	11000

STRX

TWISTED KNOTS CUP BRUSHES

Suited to remove carbon, rust, paint and other contaminations



Steel · M14 · Roughing

Steel · Cast Iron · Angle grinder

Art.	€	Diameter ø	Thread	Wire	rpm max
STR065	€ 6,80	65 mm	M14	0,5 mm	12500
STR075	€ 7,90	75 mm	M14	0,5 mm	8500
STR080	€ 9,20	80 mm	M14	0,5 mm	8500
STR100	€ 12,10	100 mm	M14	0,5 mm	8500
STR120	€ 15,70	120 mm	M14	0,5 mm	6500

STRXI

TWISTED KNOTS CUP BRUSHES

Suited to remove carbon, rust, paint and other contaminations



Stainless steel · M14 · Roughing · Steel

Stainless steel · Aluminum · Cast Iron · Angle grinder

Art.	€	Diameter ø	Thread	Wire	rpm max
STR065I	€ 9,80	65 mm	M 14	0.5 mm	12500
STR075I	€ 12,20	75 mm	M 14	0.5 mm	8500
STR080I	€ 16,30	80 mm	M 14	0.5 mm	8500
STR100I	€ 19,10	100 mm	M 14	0.5 mm	8500
STR120I	€ 24,70	120 mm	M 14	0.5 mm	6500

SCRX

TWISTED KNOTS BEVEL BRUSHES

Suited to remove carbon, rust, paint and other contaminations. tapered brush shaped to reach angles.



Stainless steel · M14 · Roughing

Steel · Cast Iron · Angle grinder

Art.	€	Diameter ø	Thread	Wire	rpm max
SCR100	€ 6,50	100 mm	M14	0,5 mm	12500
SCR120	€ 9,20	120 mm	M14	0,5 mm	12500

SCRXI

TWISTED KNOTS BEVEL BRUSHES

Suited to remove carbon, rust, paint and other contaminations. tapered brush shaped to reach angles.



Stainless steel · M14 · Roughing · Steel

Stainless steel · Aluminum · Cast Iron · Angle grinder

Art.	€	Diameter ø	Thread	Wire	rpm max
SCR100I	€ 9,80	100 mm	M14	0,5 mm	12500
SCR120I	€ 13,70	120 mm	M14	0,5 mm	12500

SRGX

CIRCULAR BRUSHES WITH SHAFT

Cleaning of light rust, paint, primer.



Steel | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Thickness	Shank	Wire	rpm max
SRG030/05	€ 0,97	30 mm	5 mm	6 mm	0,3 mm	4500
SRG040/05	€ 1,07	40 mm	5 mm	6 mm	0,3 mm	4500
SRG050/06	€ 1,30	50 mm	6 mm	6 mm	0,3 mm	4500
SRG060/06	€ 1,49	60 mm	6 mm	6 mm	0,3 mm	4500
SRG070/08	€ 1,74	70 mm	8 mm	6 mm	0,3 mm	4500
SRG080/08	€ 1,90	80 mm	8 mm	6 mm	0,3 mm	4500
SRG100/10	€ 2,05	100 mm	10 mm	6 mm	0,3 mm	4500
SRG100/15	€ 3,33	100 mm	15 mm	6 mm	0,3 mm	4500

SRGXI

CIRCULAR BRUSHES WITH SHAFT

Cleaning of light rust, paint, primer.



Stainless steel | Steel | Stainless steel | Aluminum | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Thickness	Shank	Wire	rpm max
SRG030/05I	€ 1,60	30 mm	5 mm	6 mm	0,3 mm	4500
SRG040/05I	€ 1,72	40 mm	5 mm	6 mm	0,3 mm	4500
SRG050/06I	€ 2,24	50 mm	6 mm	6 mm	0,3 mm	4500
SRG060/06I	€ 2,34	60 mm	6 mm	6 mm	0,3 mm	4500
SRG070/08I	€ 2,71	70 mm	8 mm	6 mm	0,3 mm	4500
SRG080/08I	€ 3,76	80 mm	8 mm	6 mm	0,3 mm	4500
SRG100/10I	€ 4,09	100 mm	10 mm	6 mm	0,3 mm	4500
SRG100/15I	€ 5,50	100 mm	15 mm	6 mm	0,3 mm	4500

SNGX

NYLON BRUSHES ON SHAFT

More flexible and resistant to breaking than steel wire. On metals it removes oxide and paint residues, scratching less and avoiding rust, on wood it prepares the surface.



10 Pcs | Abrasive nylon | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Grit	Color	rpm max
SNG075/080R	€ 5,80	75 mm	6 mm	80	Red	4500
SNG075/180B	€ 5,80	75 mm	6 mm	180	Blue	4500
SNG100/080R	€ 6,70	100 mm	6 mm	80	Red	4500
SNG100/180B	€ 6,90	100 mm	6 mm	180	Blue	4500

SGR075 € 3,86

TWISTED KNOTS BRUSH WITH SHAFT

Cleaning, removal of rust and weld seams



10 Pcs | Steel | Roughing | Steel | Cast Iron | Portable Drill | Axial grinder

Diameter ø	75 mm
Shank	6 mm
Wire	0,5 mm
rpm max	12000

SGR075I € 4,86

TWISTED KNOTS BRUSH WITH SHAFT

Cleaning, removal of rust and weld seams



10 Pcs | Stainless steel | Roughing | Steel | Stainless steel | Aluminum | Cast Iron | Portable Drill | Axial grinder

Diameter ø	75 mm
Shank	6 mm
Wire	0,5 mm
rpm max	12000

SCG090 € 4,09

BEVEL BRUSHES WITH SHAFT

For light and medium rust and varnish removal and deburring



Steel | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Diameter ø	90 mm
Shank	6 mm
Wire	0,3 mm
rpm max	12500

SCG090I — € 5,90

BEVEL BRUSHES WITH SHAFT

For light and medium rust and varnish removal and deburring



Stainless steel | Steel | Stainless steel | Aluminum | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Diameter ø	90 mm
Shank	6 mm
Wire	0,3 mm
rpm max	12500

STGX

CUP BRUSHES WITH SHAFT

Cup shape, to reach the bottoms and to work frontally



Steel | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Wire	rpm max
STG050	**€ 1,61**	50 mm	6 mm	0,3 mm	6500
STG070	**€ 2,08**	70 mm	6 mm	0,3 mm	4500

STGXI

CUP BRUSHES WITH SHAFT

Cup shape, to reach the bottoms and to work frontally



Stainless steel | Steel | Stainless steel | Aluminum | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Wire	rpm max
STG050I	**€ 2,45**	50 mm	6 mm	0,3 mm	6500
STG070I	**€ 3,12**	70 mm	6 mm	0,3 mm	4500

SFGX

END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.



Steel | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Wire	rpm max
SFG010	**€ 1,37**	10 mm	6 mm	0,3 mm	20000
SFG015	**€ 1,80**	15 mm	6 mm	0,3 mm	20000
SFG020	**€ 2,24**	20 mm	6 mm	0,3 mm	20000
SFG025	**€ 2,52**	25 mm	6 mm	0,3 mm	20000
SFG030	**€ 3,33**	30 mm	6 mm	0,3 mm	20000

SFGXI

END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.



Stainless steel | Steel | Stainless steel | Aluminum | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Wire	rpm max
SFG010I	**€ 1,78**	10 mm	6 mm	0,3 mm	20000
SFG015I	**€ 2,51**	15 mm	6 mm	0,3 mm	20000
SFG020I	**€ 3,09**	20 mm	6 mm	0,3 mm	20000
SFG025I	**€ 3,33**	25 mm	6 mm	0,3 mm	20000
SFG030I	**€ 4,94**	30 mm	6 mm	0,3 mm	20000

SFPX

TIP END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.



Steel | Steel | Wood | Cast Iron | Deburring | Surface Prep. | Paint stripping | Portable Drill | Axial grinder

Art.	€	Diameter ø	Shank	Wire	rpm max
SFP012	**€ 2,12**	12 mm	6 mm	0.3 mm	20000
SFP024	**€ 3,09**	24 mm	6 mm	0.3 mm	20000

SFPXI

TIP END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.





Art.	€	Diameter ø	Shank	Wire	rpm max
SFP012I	€ 1,60	12 mm	6 mm	0.3 mm	20000
SFP024I	€ 3,87	24 mm	6 mm	0.3 mm	20000

SFRX

TWISTED KNOTS END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.





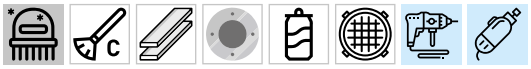
Art.	€	Diameter ø	Shank	Wire	rpm max
SFR019	€ 4,15	19 mm	6 mm	0,5 mm	20000
SFR022	€ 4,57	22 mm	6 mm	0,5 mm	20000

SFRXI

TWISTED KNOTS END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.





Art.	€	Diameter ø	Shank	Wire	rpm max
SFR019I	€ 6,40	19 mm	6 mm	0,5 mm	20000
SFR022I	€ 7,00	22 mm	6 mm	0,5 mm	20000

0331 € 31,50

WIRE BRUSH SET FOR AUTOMOTIVE AND WORKSHOP

With extension and plastic handle





Sizes Ø 9 - 11 - 13 - 15 - 17 - 19 mm

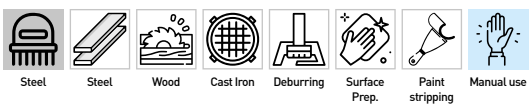
Material Nylon - Steel - Brass

SMC275 € 1,67

HAND BRUSHES

For hand cleaning operations





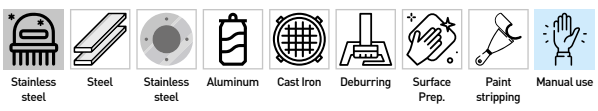
Size 275 mm

SMC275I € 3,36

HAND BRUSHES

For hand cleaning operations

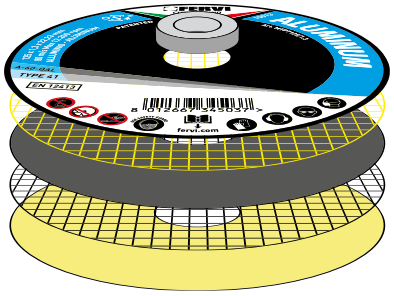




Size 275 mm

DISC CONSTRUCTION

An abrasive disc consists of abrasive grains (~75%) bonded together with resins (~25%) and fibre-glass mesh to increase the strength of the product. The minerals used in the production of abrasives are chosen on the basis of their hardness, toughness, heat resistance, composition, and grain shape on which the cutting capacity of that abrasive depends.



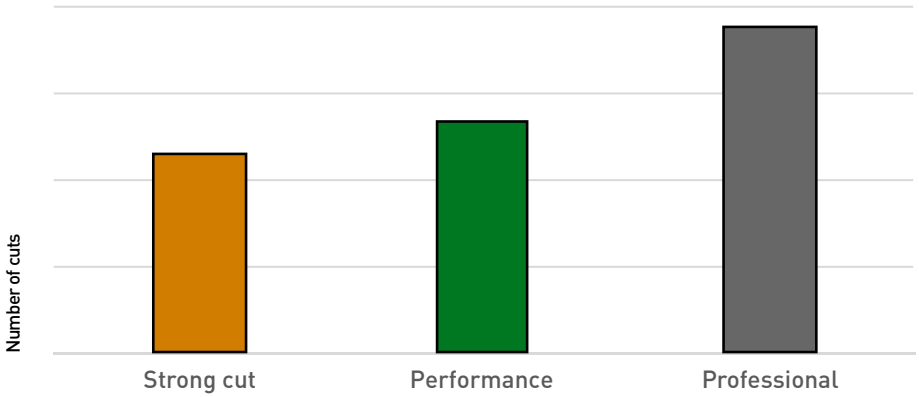
The abrasives commonly used in the manufacture of an abrasive disc are as follows:
-Modified zirconium corundum:
it has high toughness and the property of breaking at high temperatures making the grain regenerate creating new sharp "edges". This type of abrasive is obtained by placing zirconium oxide in the electro-fusion. This abrasive is one of the most effective and durable on the market: it has very high toughness and resistance to the heaviest stresses. In addition, thanks to the ability to self-renew its cutting edges, a very high cutting speed is achieved.
- Red Brown Corundum:
it is the most common of the abrasives: it has a medium level of toughness and crumbliness. It is formed by a crystal of aluminium oxide containing a small percentage of iron oxide and titanium oxide which improve its toughness characteristics.



GUIDE TO CHOOSING CUTTING DISC THICKNESS

Disc diameter	Thickness	Type of use
"Ø 75 - 125 mm"	1.0mm	Thickness aimed at speed of processing, comfort of use and quality of cut.
	1.3 - 1.6mm	Thickness aimed at disc life and comfort of use.
	≥ 2mm	Heavy Duty
"Ø150 - 230 mm"	2mm	Thickness aimed at disc life and comfort of use.
	≥ 3mm	Heavy Duty

Our tests are carried out using a 1200W electric tool by cutting a 40 x 15 x 1.5 rectangular section tube in AISI 304 using discs with a diameter of 125 mm and a nominal thickness of 1.0 mm making all possible cuts with the disc up to the end of its life.



ZTD8X

PROFESSIONAL ZIRCONIA CUTTING DISC

Narrow domed discs, to maximize the flat working area. It allows you to make more cuts, deeper than a depressed center disc and the same duration and cutting capacity of a flat disc with the advantage of greater rigidity given by the depressed center shape and the dome. The extremely thin thickness allows the execution of cuts with minimal formation of burrs.



Zr Zirconium | T42 | EN 12413 | Steel | Stainless steel | Cut | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
ZTD8115/1.0	€ 2,31	115 x 1,0 x 22 mm	ZA-60-SXBF	25
ZTD8125/1.0	€ 2,52	125 x 1,0 x 22 mm	ZA-60-SXBF	25

MTP8X

PROFESSIONAL CUTTING DISC

For specific uses. Designed for professionals who need a large number of high quality cuts. They boast a helical rib conformation on both sides, which allows for a faster and colder cut. The ultimate evolution of thin cutting discs.



AlOx Corundum | T41 | EN 12413 | Steel | Cut | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
MTP8115/1.0	€ 1,64	115 x 1,0 x 22 mm	A60S	25
MTP8115/1.3	€ 1,68	115 x 1,3 x 22 mm	A60S	25
MTP8115/1.6	€ 1,74	115 x 1,6 x 22 mm	A60S	25
MTP8125/1.0	€ 1,75	125 x 1,0 x 22 mm	A60S	25
MTP8125/1.3	€ 1,79	125 x 1,3 x 22 mm	A60S	25
MTP8230/2.0	€ 3,66	230 x 2,0 x 22 mm	A60S	25
MTP8125/1.6	€ 1,94	125 x 1,6 x 22 mm	A60S	25

MTP6X

PERFORMANCE CUTTING DISC

For general use. Designed for artisans and small businesses. Good cut quality.



AlOx Corundum | T41 | EN 12413 | Steel | Cut | Angle grinder | Miter saw | made in Italy

Art.	€	Dimensions	Specification	Pack
MTP6075/1.5	€ 1,48	75 x 1,5 x 10 mm	A46-S-BF 80	25
MTP6115/1.0	€ 1,30	115 x 1,0 x 22 mm	A46-R-BF 80	25
MTP6115/1.3	€ 1,30	115 x 1,3 x 22 mm	A46-R-BF 80	25
MTP6115/1.6	€ 1,30	115 x 1,6 x 22 mm	A46-R-BF 80	25
MTP6125/1.0	€ 1,39	125 x 1,0 x 22 mm	A46-S5-BF	25
MTP6125/1.3	€ 1,39	125 x 1,3 x 22 mm	A46-S5-BF	25
MTP6125/1.6	€ 1,39	125 x 1,6 x 22 mm	A46-S5-BF	25
MTP6230/2.0	€ 3,42	230 x 2,0 x 22 mm	A30-R-BF 80	25
MTP6350/3.0	€ 10,30	350 x 3,0 x 25.4 mm	A46-S-BF 80	25

MTD6X

PERFORMANCE CUTTING DISC

For general use. Designed for artisans and small businesses. Good cut quality.



AlOx Corundum | T42 | EN 12413 | Steel | Cut | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
MTD6115/3.0	€ 1,48	115 x 3,0 x 22 mm	A30-R-BF 80	25
MTD6125/3.2	€ 1,75	125 x 3,2 x 22 mm	A30-S-BF	25
MTD6230/3.0	€ 2,96	230 x 3,0 x 22 mm	A30-R-BF 80	25

MTP4X

STRONG CUT CUTTING DISC

For general use. Designed for hobbyists, artisans and small businesses. Ideal on both steel and stainless steel. Excellent value for money.



AlOx Corundum | T41 | EN 12413 | Steel | Stainless steel | Cast Iron | Cut | Angle grinder

Art.	€	Dimensions	Specification	Pack
MTP4075/1.5	€ 0,92	75 x 1.5 x 9.53 mm	A60TBF	100
MTP4115/1.0	€ 0,83	115 x 1.0 x 22 mm	A60TBF	50
MTP4115/1.3	€ 0,83	115 x 1.3 x 22 mm	A60TBF	50
MTP4115/1.6	€ 0,83	115 x 1.6 x 22 mm	A46TBF	50
MTP4125/1.0	€ 0,92	125 x 1.0 x 22 mm	A60TBF	50
MTP4125/1.3	€ 0,92	125 x 1.3 x 22 mm	A60TBF	50
MTP4125/1.6	€ 0,92	125 x 1.6 x 22 mm	A46TBF	50
MTP4230/2.0	€ 2,96	230 x 2.0 x 22 mm	A46TBF	25
MTP4350/3.0	€ 7,90	350 x 3.0 x 22 mm	A30SBF	10

MTD4X

STRONG CUT CUTTING DISC

For general use. Designed for hobbyists, artisans and small businesses. Ideal on both steel and stainless steel. Excellent value for money.



AlOx Corundum | T42 | EN 12413 | Steel | Stainless steel | Cast Iron | Cut | Angle grinder

Art.	€	Dimensions	Specification	Pack
MTD4115/3.0	€ 1,11	115 x 3.0 x 22 mm	A30SBF	50
MTD4125/3.0	€ 1,39	125 x 3.0 x 22 mm	A30SBF	50
MTD4180/3.0	€ 2,03	180 x 3.0 x 22 mm	A30SBF	25
MTD4230/3.0	€ 2,68	230 x 3.0 x 22 mm	A30SBF	25

MTP9X

INOX CUTTING DISC

For specific uses. Designed for stainless steel professionals who require a large number of high quality cuts. They boast a helical rib conformation on both sides that allows for a faster and colder cut.



AlOx | T41 | EN 12413 | Stainless steel | Cut | Angle grinder | made in Italy

Corundum

Art.	€	Dimensions	Specification	Pack
MTP9115/1.0	€ 1,77	115 x 1,0 x 22 mm	A60SX	25
MTP9115/1.3	€ 1,88	115 x 1,3 x 22 mm	A60SX	25
MTP9115/1.6	€ 1,96	115 x 1,6 x 22 mm	A60SX	25
MTP9125/1.0	€ 1,94	125 x 1,0 x 22 mm	A60SX	25
MTP9125/1.3	€ 2,11	125 x 1,3 x 22 mm	A60SX	25
MTP9125/1.6	€ 2,16	125 x 1,6 x 22 mm	A60SX	25
MTP9230/2.0	€ 4,52	230 x 2,0 x 22 mm	A60SX	25

MTP7X

PROFESSIONAL CUTTING DISC FOR ALUMINIUM

For specific uses. Designed for aluminum professionals and window fabricators. Ideal on aluminum extrusions, in light alloy foundries and a large number of high quality cuts are required. It boasts a helical rib conformation on both sides that allows for a faster and colder cut, with low clogging.



AlOx | T41 | EN 12413 | Aluminum | Cut | Angle grinder | made in Italy

Corundum

Art.	€	Dimensions	Specification	Pack
MTP7115/1.3	€ 1,81	115 x 1,3 x 22 mm	A-60-QAL	25
MTP7125/1.3	€ 2,22	125 x 1,3 x 22 mm	A-60-QAL	25

MTD7X

PROFESSIONAL CUTTING DISC FOR ALUMINIUM

For specific uses. Designed for aluminum professionals and window fabricators. Ideal on aluminum extrusions, in light alloy foundries and a large number of high quality cuts are required. Long life and constant performance thanks to the addition of specific anti-clogging additives



AlOx | T42 | EN 12413 | Aluminum | Cut | Angle grinder | made in Italy

Corundum

Art.	€	Dimensions	Specification	Pack
MTD7230/3.2	€ 4,99	230 x 3,2 x 22 mm	A-30-36-QAL	25

ZSD8X

PROFESSIONAL ZIRCONIA GRINDING DISC

For specific and heavy uses. Designed for professional use. Ideal for fast removal of weld seams, caulking, removal of calamine and pipes (see oil & gas). Has also applications on cast iron, stainless steel forged materials.



AlOx Corundum | T27 | EN 12413 | Steel | Deburring | 0 - 15° | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
ZSD8115/7.0	**€ 4,16**	115 x 7,0 x 22 mm	ZA-60-SXBF	25
ZSD8125/7.0	**€ 4,80**	125 x 7,0 x 22 mm	ZA-60-SXBF	25
ZSD8230/7.0	**€ 13,20**	230 x 7,0 x 22 mm	ZA-60-SXBF	25

MSD8X

PROFESSIONAL GRINDING DISC

For specific uses. Designed for professionals who need high removal capacity and fatigue resistance. Ideal on plates with calamine, for removing important beads and burrs.



AlOx Corundum | T27 | EN 12413 | Steel | Deburring | 0 - 15° | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
MSD8115/6.5	**€ 2,49**	115 x 6,5 x 22 mm	A-Q	25
MSD8125/6.5	**€ 2,74**	125 x 6,5 x 22 mm	A-Q	25
MSD8230/7.0	**€ 6,70**	230 x 7,0 x 22 mm	A-Q	25

MSD6X

PERFORMANCE GRINDING DISC

For general use. Designed for artisans and small businesses. With good quality on weld seams, plates with calamine and deburring in general.



AlOx Corundum | T27 | EN 12413 | Steel | Deburring | 0 - 15° | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
MSD6115/6.0	**€ 2,03**	115 x 6,0 x 22 mm	A24-R-BF 80	25
MSD6125/6.5	**€ 2,41**	125 x 6,5 x 22 mm	A30-S-BF	25
MSD6230/6.0	**€ 5,70**	230 x 6,0 x 22 mm	A24-R-BF 80	25

MSD4X

STRONG CUT GRINDING DISC

For general use. Designed for hobbyists, artisans and small businesses. Ideal on both steel and stainless steel. Excellent value for money.



AlOx Corundum | T27 | EN 12413 | Steel | Stainless steel | Cast Iron | Deburring | 0 - 15° | Angle grinder

Art.	€	Dimensions	Specification	Pack
MSD4115/6.0	**€ 1,57**	115 x 6.0 x 22 mm	A24RBF	25
MSD4125/6.0	**€ 1,94**	125 x 6.0 x 22 mm	A24RBF	25
MSD4180/6.0	**€ 3,97**	180 x 6.0 x 22 mm	A24RBF	20
MSD4230/6.0	**€ 5,10**	230 x 6.0 x 22 mm	A24RBF	15

MSD7X

PROFESSIONAL GRINDING DISC FOR ALUMINIUM

For specific uses. Designed for aluminum professionals and window fabricators. Ideal on aluminum extrusions, in light alloy foundries and a large removal capacity is required. Long life and constant performance thanks to the addition of specific anti-clogging additives



AlOx Corundum | T27 | EN 12413 | Aluminum | Deburring | 0 - 15° | Angle grinder | made in Italy

Art.	€	Dimensions	Specification	Pack
MSD7230/7.0	**€ 9,20**	230 x 7,0 x 22 mm	A-24-30-36-QAL	25

M16X

GRINDING WHEELS

Pink corundum



AlOx
Corundum

Art.	€	Dimensions	Specifications
M159	€ 7,70	Ø 100 x 4,5 x 10 mm	GR80
M160	€ 7,70	Ø 100 x 3,2 x 10 mm	GR80
M163	€ 14,10	Ø 145 x 3,2 x 22,3 mm	GR 80
M162	€ 14,10	Ø 145 x 4,7 x 22,3 mm	GR80

MVX

SILICON CARBIDE GRINDING WHEEL

For high cutting and finishing, for alloy tool sharpening, equipped with concentric reducers to adapt to all stationary machines.



SiC
Silicon carbide

Aluminum

HM

Fixed grinder

Art.	€	Dimensions	Grit	Max speed	Adapters
MV01/80	€ 12,20	150 x 20 x 32 mm	80	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV02/80	€ 14,50	200 x 20 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV03/80	€ 17,70	200 x 25 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV04/80	€ 27,90	250 x 25 x 32 mm	80	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm

MGX

GREY CORUNDUM GRINDING WHEEL

For tought hard steels grinding, equipped with concentric reducers to adapt to all stationary machines.



AlOx
Corundum

C
Roughing

Steel

Stainless steel

Deburring

Fixed grinder

Art.	€	Dimensions	Grit	Max speed	Adapters
MG01/36	€ 7,30	150 x 20 x 32 mm	36	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG01/46	€ 7,30	150 x 20 x 32 mm	46	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG01/60	€ 7,30	150 x 20 x 32 mm	60	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG01/80	€ 7,30	150 x 20 x 32 mm	80	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG02/36	€ 7,80	200 x 20 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG02/46	€ 7,80	200 x 20 x 32 mm	46	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG02/60	€ 7,80	200 x 20 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG02/80	€ 7,80	200 x 20 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG03/36	€ 10,30	200 x 25 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG03/46	€ 10,30	200 x 25 x 32 mm	46	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG03/60	€ 10,30	200 x 25 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG03/80	€ 10,30	200 x 25 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG04/36	€ 15,60	250 x 25 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG04/46	€ 15,60	250 x 25 x 32 mm	46	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG04/60	€ 15,60	250 x 25 x 32 mm	60	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG04/80	€ 15,60	250 x 25 x 32 mm	80	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG06/80	€ 19,30	200 x 40 x 20 mm	80	3350 rpm | 35 m/s	- mm

MBX

WHITE CORUNDUM GRINDING WHEEL

For steel finishing, equipped with concentric reducers to adapt to all stationary machines.



AlOx
Corundum

F
Finishing

Steel

Stainless steel

HSS

Deburring

Fixed grinder

Art.	€	Dimensions	Grit	Max speed	Adapters
MB01/60	€ 7,70	150 x 20 x 32 mm	60	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB02/60	€ 8,10	200 x 20 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB03/60	€ 10,90	200 x 25 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB04/60	€ 22,30	250 x 25 x 32 mm	60	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm

MCGXA

VITRIFIED MOUNTED POINTS

Cylindrical shape "A" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



Corundum · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Art.	€	Size	Shank	rpm max	Pack
MCG0306/03A	€ 0,53	Ø 3 x 6 mm	3 mm	50000	25
MCG0408/03A	€ 0,53	Ø 4 x 8 mm	3 mm	50000	25
MCG0510/03A	€ 0,53	Ø 5 x 10 mm	3 mm	50000	25
MCG0610/03A	€ 0,53	Ø 6 x 10 mm	3 mm	47750	25
MCG0610/06A	€ 0,53	Ø 6 x 10 mm	6 mm	47750	25
MCG0810/03A	€ 0,53	Ø 8 x 10 mm	3 mm	38590	25
MCG0810/06A	€ 0,53	Ø 8 x 10 mm	6 mm	38590	25
MCG1010/03A	€ 0,63	Ø 10 x 10 mm	3 mm	28640	25
MCG1010/06A	€ 0,83	Ø 10 x 10 mm	6 mm	28640	25
MCG1020/06A	€ 0,87	Ø 10 x 20 mm	6 mm	28640	25
MCG1520/06A	€ 0,93	Ø 15 x 20 mm	6 mm	19000	25
MCG1530/06A	€ 1,19	Ø 15 x 30 mm	6 mm	19000	25
MCG2020/06A	€ 1,19	Ø 20 x 20 mm	6 mm	14320	25
MCG2025/06A	€ 1,39	Ø 20 x 25 mm	6 mm	14320	25
MCG2030/06A	€ 1,50	Ø 20 x 30 mm	6 mm	14320	25
MCG2525/06A	€ 1,39	Ø 25 x 25 mm	6 mm	11460	25
MCG3030/06A	€ 1,93	Ø 30 x 30 mm	6 mm	9540	25
MCG4020/06A	€ 2,51	Ø 40 x 20 mm	6 mm	7150	25
MCG4040/06A	€ 3,62	Ø 40 x 40 mm	6 mm	7150	25
MCG5010/06A	€ 2,51	Ø 50 x 10 mm	6 mm	5750	25

MCGXC

VITRIFIED MOUNTED POINTS

Conical shape "C" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



Corundum · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Art.	€	Size	Shank	rpm max	Pack
MCG1020/06C	€ 1,00	10 x 20 mm	6 mm	28640	25
MCG1520/06C	€ 1,09	15 x 20 mm	6 mm	19000	25
MCG1540/06C	€ 1,81	15 x 40 mm	6 mm	19000	25
MCG2030/06C	€ 1,50	20 x 30 mm	6 mm	14320	25
MCG2540/06C	€ 2,70	25 x 40 mm	6 mm	11460	25
MCG3040/06C	€ 2,44	30 x 40 mm	6 mm	9540	25

MCGXS

VITRIFIED MOUNTED POINTS

Spherical shape "S" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



Corundum · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Art.	€	Size	Shank	rpm max	Pack
MCG10/06S	€ 1,09	Ø 10 mm	6 mm	28640	25
MCG15/06S	€ 0,98	Ø 15 mm	6 mm	19000	25
MCG20/06S	€ 1,36	Ø 20 mm	6 mm	14320	25
MCG25/06S	€ 1,97	Ø 25 mm	6 mm	11640	25
MCG30/06S	€ 2,13	Ø 30 mm	6 mm	9540	25

MCG2050/06G — € 2,41

VITRIFIED MOUNTED POINTS

Ogive shape "G" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



Corundum · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Size	Ø 20 x 50 mm
Shank	6 mm
rpm max	14320
Pack	25

MBGXA

RESINOID BAKELITE POINTS

Conical shape "C" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



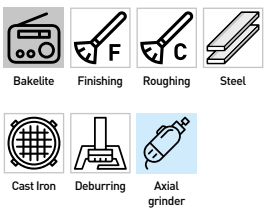
Bakelite · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Art.	€	Size	Shank
MBG1030/06A	€ 1,50	Ø 10 x 30 mm	6 mm
MBG1530/06A	€ 1,64	Ø 15 x 30 mm	6 mm
MBG2020/06A	€ 1,47	Ø 20 x 20 mm	6 mm
MBG2030/06A	€ 1,69	Ø 20 x 30 mm	6 mm
MBG2040/06A	€ 2,15	Ø 20 x 40 mm	6 mm
MBG2525/06A	€ 1,69	Ø 25 x 25 mm	6 mm
MBG2535/06A	€ 2,02	Ø 25 x 35 mm	6 mm
MBG3010/06A	€ 1,39	Ø 30 x 10 mm	6 mm
MBG3030/06A	€ 1,95	Ø 30 x 30 mm	6 mm
MBG4020/06A	€ 2,47	Ø 40 x 20 mm	6 mm
MBG4035/06A	€ 3,22	Ø 40 x 35 mm	6 mm
MBG5010/06A	€ 2,47	Ø 50 x 10 mm	6 mm

MBGXC

RESINOID BAKELITE POINTS

Conical shape "C" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.





Art.	€	Size	Shank
MBG1540/06C	€ 2,56	Ø 15 x 40 mm	6 mm
MBG2040/06C	€ 2,76	Ø 20 x 40 mm	6 mm
MBG2535/06C	€ 2,56	Ø 25 x 35 mm	6 mm

0163 € 8,30

MOUNTED GRINDING SET



10 Pcs

Shank	Ø 3 - 6 mm

0816 € 6,40

SHARPENING STONE (SILICON CARBIDE)



SiC
Silicon carbide

Dimensions	200 x 50 x 25h mm

0817 € 6,10

SHARPENING STONE (ALUMINUM OXIDE)



AlOx
Corundum

Dimensions	200 x 50 x 25h mm

D100 € 46,20

PEN TYPE DIAMOND DRESSER

Natural type



Diamond

Shank	Ø 10 mm
Length	48 mm
Carats	1

D100/S € 31,90

PEN TYPE DIAMOND DRESSER

Sintetic type



Diamond

Shank	Ø 10 mm
Length	48 mm
Carats	1

D045-

DIAMOND SAW BLADES CONTINUOUS RIM

General use, for cutting: marble, tiles, ceramics - wet applications.



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Ceramic | Granite | Marble | Cut | Water | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Cut thickness	rpm max
D045/115	€ 5,00	Ø 115 mm	Ø 22,2 mm	5 mm	2.0	13300
D045/180	€ 14,60	Ø 180 mm	Ø 22,2 mm	5 mm	2.4	8500
D045/230	€ 20,60	Ø 230 mm	Ø 22,2 mm	5 mm	2.8	6600

D070- PRO

PROFESSIONAL DIAMOND SAW BLADES FOR PORCELAIN GRES, TILES, HARD CERAMICS

Specialized for cutting porcelain gres, klinker, travertine, tiles, clay tiles, ceramics, marble - dry and wet applications



Diamond | T41 | EN 12413 | Ceramic | Marble | Stoneware | Cut | Water | Dry | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Cut thickness	rpm max
D070/115	€ 27,30	Ø 115 mm	Ø 22,2 mm	10 mm	1.3 mm	13300
D070/180	€ 56,40	Ø 180 mm	Ø 22,2 mm	10 mm	1.6 mm	8500
D070/230	€ 79,80	Ø 230 mm	Ø 22,2 mm	10 mm	2.0 mm	6600

D060- PRO

PROFESSIONAL VENTILATED DIAMOND DISCS

Long life, for cutting concrete, marble, tiles, stone - dry and wet applications



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Ceramic | Granite | Marble | Cut | Water | Dry | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Cut thickness	rpm max
D060/115	€ 13,90	Ø 115 mm	Ø 22,2 mm	10 mm	1.4 mm	13300
D060/180	€ 49,30	Ø 180 mm	Ø 22,2 mm	10 mm	1.8 mm	8500
D060/230	€ 68,90	Ø 230 mm	Ø 22,2 mm	10 mm	2.4 mm	6600

D059-

VENTILATED DIAMOND SAW BLADES

General use, for cutting: concrete, marble, tiles, stone - dry and wet applications



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Ceramic | Granite | Marble | Cut | Water | Dry | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Cut thickness	rpm max
D059/115	€ 8,10	Ø 115 mm	Ø 22,2 mm	7 mm	2.0 mm	13300
D059/180	€ 20,60	Ø 180 mm	Ø 22,2 mm	7 mm	2.4 mm	8500
D059/230	€ 38,30	Ø 230 mm	Ø 22,2 mm	7 mm	2.8 mm	6600

D055- PRO

PROFESSIONAL SEGMENTED VENTILATED DIAMOND DISCS

Long life, for cutting concrete, marble, stone - dry application



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Granite | Marble | Cut | Dry | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Segments	Cut thickness	rpm max
D055/115	€ 15,50	Ø 115 mm	Ø 22,2 mm	10 mm	9	1.9 mm	13300
D055/180	€ 45,10	Ø 180 mm	Ø 22,2 mm	10 mm	14	2.2 mm	8500
D055/230	€ 68,90	Ø 230 mm	Ø 22,2 mm	10 mm	18	2.6 mm	6600

D054-

SEGMENTED VENTILATED DIAMOND DISCS

General use, for cutting concrete, marble, stone - dry application



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Granite | Marble | Cut | Dry | Angle grinder

Art.	€	Diameter	Hole	Diamond height	Segments	Cut thickness	rpm max
D054/115	€ 6,30	Ø 115 mm	Ø 22,2 mm	7 mm	9	2.0	13300
D054/180	€ 17,90	Ø 180 mm	Ø 22,2 mm	7 mm	14	2.4	8500
D054/230	€ 26,50	Ø 230 mm	Ø 22,2 mm	7 mm	18	2.8	6600

0350 € 46,80

SUPER TURBO DIAMOND BLADE



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Granite | Marble | Cut | Water | Dry | Angle grinder

Dimensions	Ø 230 mm
Hole	Ø 22,2 mm
Dry - Wet	

0709 € 12,80

SUPER TURBO DIAMOND BLADE



Diamond | T41 | EN 12413 | Bricks | Concrete | Stones | Granite | Marble | Cut | Water | Dry | Angle grinder

Dimensions	Ø 115 mm
Hole	Ø 22,2 mm
Dry - Wet	

0833 € 62,80

TURBO POLISHING DIAMOND CUP WHEEL FOR GRANITE AND STONE





Dimensions	Ø 100 mm
Hole	Ø 22,2 mm
Dry - Wet	

D040-

DIAMOND CUP WHEEL

General use, for porcelain gres, klinker, travertine, tiles, clay tiles, ceramics, marble - dry and wet applications





Art.	€	Diameter	Hole	Segments	rpm max
D040/115	**€ 26,80**	Ø 115 mm	Ø 22,2 mm	8 + 8	13300
D040/180	**€ 53,80**	Ø 180 mm	Ø 22,2 mm	14 + 14	8500




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WORKSHOP FURNITURE

p. 310 — Modular furnishings 
p. 319 — Workbenches 
p. 320 — Cabinets 
p. 325 — Tool rolling cabinets 
p. 328 — Tool boxes 

BENCH VICES, CLAMPS AND ANVILS

p. 333 — Bench vices 
p. 335 — Vices 
p. 337 — Anvils 

MACHINERY FOR FINISHING

p. 338 — Sandblast cabinets 
p. 347 — Cleaning tanks 
p. 349 — Vacuum cleaners wet and dry 
p. 352 — Marking 

PRESSES AND HYDRAULIC PUMPS

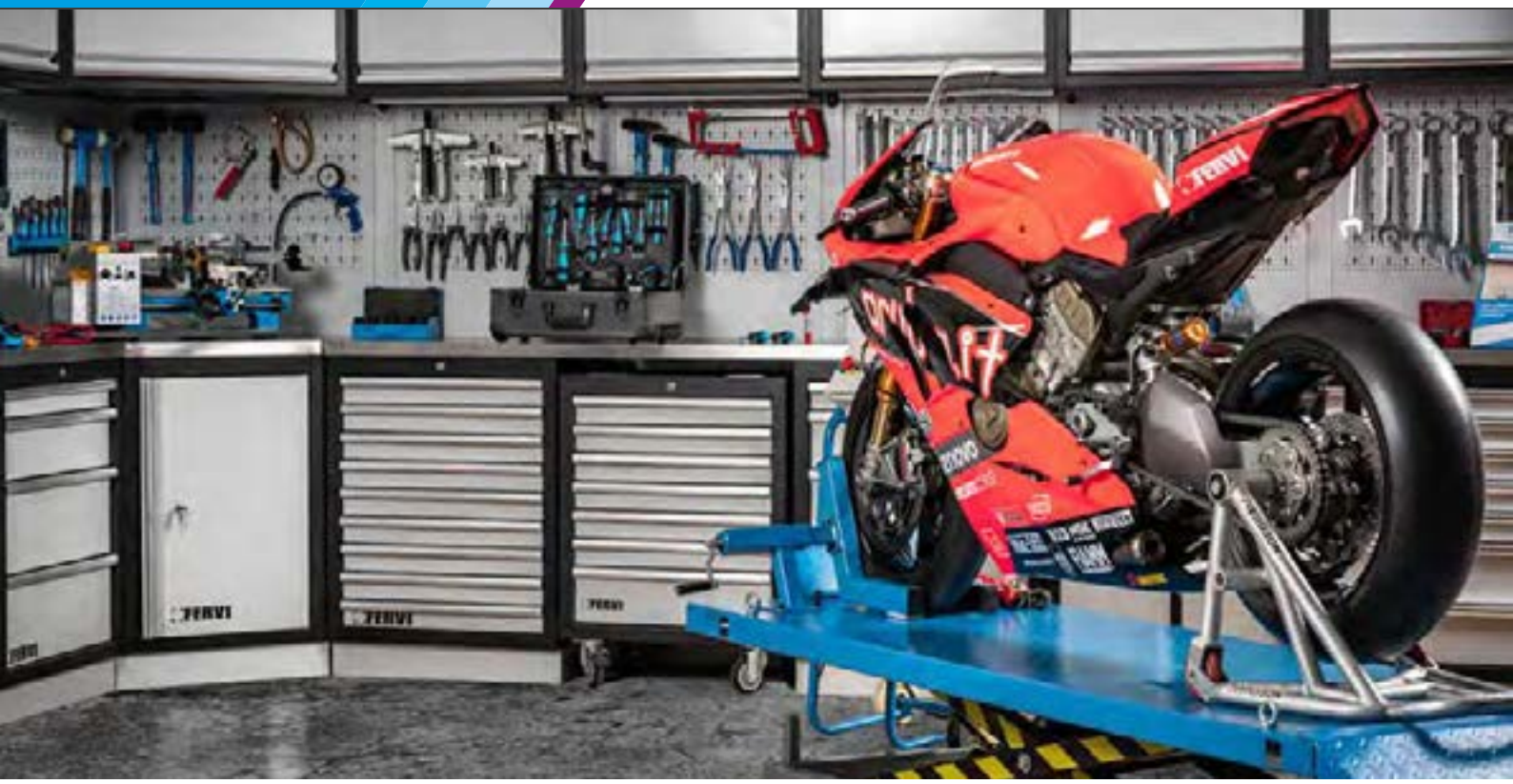
p. 355 — Hydraulic presses 
p. 358 — Manual presses 
p. 359 — Hydraulic pump units 

CAR AND MOTORCYCLE WORKSHOP

p. 360 — Trolley jacks and stands 
p. 362 — Hydraulic cranes and engine stands 
p. 364 — Oil collecting units 
p. 365 — Winches 
p. 366 — Battery chargers 
p. 367 — Motorcycle and quad lifts 
p. 369 — Trolleys 

LIFTING AND HANDLING

p. 370 — Hydraulic jacks 
p. 371 — Trolleys 
p. 373 — Cable hoists 
p. 374 — Lifting accessories 
p. 377 — Winches and tensioners 
p. 378 — Pallet handling 



THE OPTIMAL SOLUTION TO FURNISH YOUR WORKSHOP, YOUR GARAGE OR YOUR RACING CORNER

CHOOSE FROM THE COMPOSITIONS CREATED FOR YOU BY FERVI OR CONFIGURE YOUR MODULAR AND SELF-SUPPORTING WORKSHOP FURNITURE ACCORDING TO YOUR NEEDS

A007/07

PANELS CONNECTOR

NECESSARY TO CONNECT THE MODULES

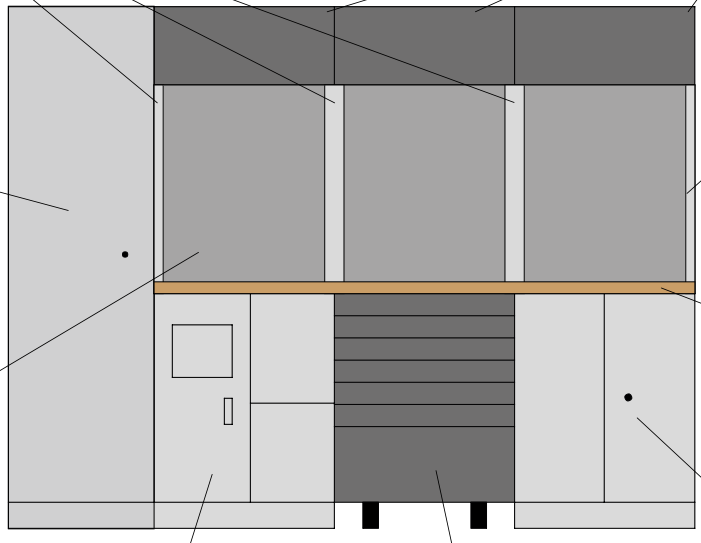
A007/02

TALL CABINET

WITH 3 SHELVES

A007/10

HANGING PANEL



EXAMPLE OF CONGIFURATION WITH THREE MODULES WITH CABINET

A007/06

MULTIFUNCTION CABINET

A007/16

ROLLING CABINET

WITH 7 DRAWERS ON BALL BEARING SLIDE

A007/01

WALL CABINET

TO FIX ON THE HANGER PANEL

A007/11

HALF PANEL CONNECTOR

TO END THE CONFIGURATION WITHOUT THE CABINET

A007/09

WORK PLATES

AVAILABLE IN 3 MEASUREMENTS AND 2 MATERIALS

A007/03

DOOR CABINET

IT MUST BE INSERTED IN THE CENTRAL SPACE OF A 3-MODULE PLAN

A007A — € 4480,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 4 WALL CABINET WITH SPRING GAS [A007/01]
- 2 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 2 TOOL CABINETS WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 5 PANELS CONNECTORS [A007/07]
- 2 WOOD PLATES [A007/08]
- 4 HANGING PANELS [A007/10]

Dimensions	3920 x 498 x 2000h mm

A008A — € 4710,00

WITH STAINLESS STEEL PLATES



A007B — € 4390,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 4 WALL CABINET WITH SPRING GAS [A007/01]
- 2 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 2 TOOL CABINETS WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 1 MULTIFUNCTION CABINET [A007/06]
- 5 PANELS CONNECTORS [A007/07]
- 2 WOOD PLATES [A007/08]
- 4 HANGING PANELS [A007/10]

Dimensions	3920 x 498 x 2000h mm

A008B — € 4590,00

WITH STAINLESS STEEL PLATES



A007C — € 2160,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 2 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINETS WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 2 HANGING PANELS [A007/10] 2 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 2 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]

Dimensions	1960 x 498 x 2000h mm

A008C — € 2270,00

WITH STAINLESS STEEL PLATES



A007D — € 3010,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 1 TOOL CABINETS WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]

Dimensions	2640 x 498 x 2000h mm

A008D — € 3150,00

WITH STAINLESS STEEL PLATES



A007E — € 2480,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 MULTIFUNCTION CABINET [A007/06]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 ROLLING CABINET WITH 7 DRAWERS ON BALL BEARING SLIDE [A007/16]

Dimensions	2640 x 498 x 2000h mm

A008E — € 2580,00

WITH STAINLESS STEEL PLATES



A007F — € 1160,00

CORNER FOR WORKSHOP MODULAR FURNITURES

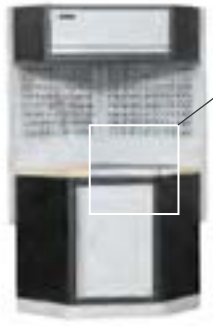
The optimal solution to furnish your workshop, your garage or your racing corner

- 2 PANELS CONNECTORS [A007/07]
- 2 HALF PANEL CONNECTORS [A007/11]
- 2 CORNER HANGING PANELS [A007/12]
- 1 CORNER CABINET [A007/13]
- 1 CORNER WOOD PLATE [A007/14]
- 1 CORNER DOOR CABINET [A007/15]

Dimensions	864 x 864 x 2000h mm

A008F — € 1220,00

WITH STAINLESS STEEL PLATES



A007G — € 2560,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 MULTIFUNCTION CABINET [A007/06]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINETS WITH 7 DRAWERS ON BALL BEARING SLIDES [A007/1]

Dimensions	2640 x 498 x 2000h mm

A008G — € 2700,00

WITH STAINLESS STEEL PLATES



A007H — € 4850,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 5 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 1 TOOL CABINET WITH 5 DRAWERS ON BALL BEARING SLIDE [A007/05]
- 1 MULTI FUNCTION CABINET [A007/06]
- 6 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 1 WOOD PLATE [A007/09]
- 5 HANGING PANELS [A007/10]
- 3 HALF PANEL CONNECTORS [A007/11]
- 2 CORNER HANGING PANELS [A007/12]
- 1 CORNER CABINET [A007/13]
- 1 CORNER WOOD PLATE [A007/14]
- 1 CORNER DOOR CABINET [A007/15]
- 1 ROLLING CABINET WITH 7 DRAWERS ON BALL BEARING SLIDE [A007/16]

Dimensions	3500 x 2250 x 2000h mm
Depth	498 mm

A008H — € 5100,00

WITH STAINLESS STEEL PLATES



A007I — € 2320,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 2 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 MULTI FUNCTION CABINET [A007/06]
- 2 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 2 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINET WITH 7 DRAWERS ON BALL BEARING SLIDE [A007/17]

Dimensions	1960 x 498 x 2000h mm



A008I — € 2430,00

WITH STAINLESS STEEL PLATES

A007L — € 5110,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 4 WALL CABINET WITH SPRING GAS [A007/01]
- 2 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 1 MULTI FUNCTION CABINET [A007/06]
- 6 PANELS CONNECTORS [A007/07]
- 2 WOOD PLATES [A007/08]
- 4 HANGING PANELS [A007/10]
- 2 HALF PANEL CONNECTORS [A007/11]
- 2 CORNER HANGING PANELS [A007/12]
- 1 CORNER CABINET [A007/13]
- 1 CORNER WOOD PLATE [A007/14]
- 1 CORNER DOOR CABINET [A007/15]
- 1 TOOL CABINET WITH 7 DRAWERS ON BALL BEARING SLIDE [A007/17]



A008L — € 5380,00

WITH STAINLESS STEEL PLATES

Dimensions	2800 x 2800 x 2000h mm
Depth	498 mm

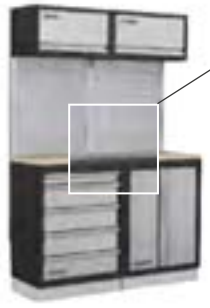
A007M — € 1560,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 2 WALL CABINET WITH SPRING GAS [A007/01]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 5 DRAWERS ON BALL BEARING SLIDE [A007/05]
- 2 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 2 HANGING PANELS [A007/10]
- 2 HALF PANEL CONNECTORS [A007/11]

Dimensions	1360 x 498 x 2000h mm



A008M — € 1650,00

WITH STAINLESS STEEL PLATES

A007N — € 2510,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 1 TOOL CABINET WITH 5 DRAWERS ON BALL BEARING SLIDE [A007/05]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 2 HALF PANEL CONNECTORS [A007/11]

Dimensions	2040 x 498 x 2000h mm



A008N — € 2630,00

WITH STAINLESS STEEL PLATES

A007P — € 4700,00

WORKSHOP MODULAR FURNITURES

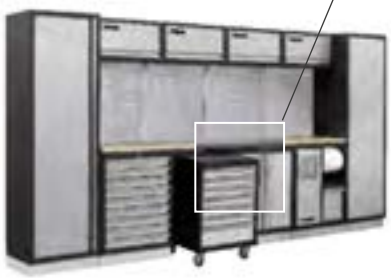
The optimal solution to furnish your workshop, your garage or your racing corner

- 4 WALL CABINET WITH SPRING GAS [A007/01]
- 2 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 MULTIFUNCTION CABINET [A007/06]
- 5 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 4 HANGING PANELS [A007/10]
- 1 TOOL CABINET WITH 7 DRAWERS ON BALL BEARING SLIDES [A007/16]
- 1 WOOD PLATE [A007/19]
- 1 TOOL CABINET WITH 9 DRAWERS ON BALL BEARING SLIDES [A007/20]

Dimensions	3920 x 498 x 2000h mm

A008P — € 4910,00

WITH STAINLESS STEEL PLATES



A007Q — € 2430,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 2 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELES [A007/02]
- 1 TOOL CABINET WITH 4 DRAWERS ON BALL BEARING SLIDE [A007/04]
- 2 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 2 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINET WITH 9 DRAWERS ON BALL BEARING SLIDE [A007/20]

Dimensions	1960 x 498 x 2000h mm

A008Q — € 2530,00

WITH STAINLESS STEEL PLATES



A007R — € 1040,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 1 WALL CABINET WITH SPRING GAS [A007/01]
- 2 PANELS CONNECTORS [A007/07]
- 1 HANGING PANEL [A007/10]
- 2 HALF PANEL CONNECTORS [A007/11]
- 1 WOOD PLATE [A007/19]
- 1 TOOL CABINET WITH 9 DRAWERS ON BALL BEARING SLIDE [A007/20]

Dimensions	680 x 498 x 2000h mm

A008R — € 1100,00

WITH STAINLESS STEEL PLATES



A007S — € 2820,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINETS WITH 9 DRAWERS ON BALL BEARING SLIDES [A007/20]
- 1 TROLLEY WITH 3 SHELVES [A007/22]

Dimensions	2640 x 498 x 2000h mm

A008S — € 2920,00

WITH STAINLESS STEEL PLATES



A007T — € 2250,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 2 WALL CABINET WITH SPRING GAS [A007/01]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 1 TOOL CABINETS WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 2 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 2 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 2 DOOR TALL CABINET WITH 3 SHELVES [A007/23]

Dimensions	2275 x 498 x 2000h mm

A008T — € 2350,00

WITH STAINLESS STEEL PLATES



A007U — € 2960,00

WORKSHOP MODULAR FURNITURES

The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
- 1 TALL CABINET WITH 3 SHELVES [A007/02]
- 1 DOOR CABINET WITH ONE SHELF [A007/03]
- 3 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINET WITH 7 DRAWERS ON BALL BEARING SLIDES [A007/17]
- 1 HOSE REELS CABINET [A007/18]

Dimensions	2640 x 498 x 2000h mm

A008U — € 3080,00

WITH STAINLESS STEEL PLATES



A007UF — € 3240,00

WORKSHOP MODULAR FURNITURES

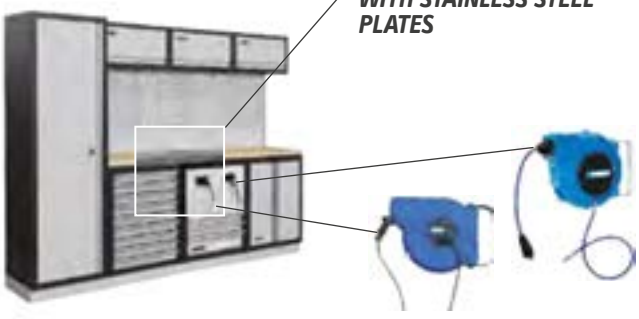
The optimal solution to furnish your workshop, your garage or your racing corner

- 3 WALL CABINET WITH SPRING GAS [A007/01]
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- 1 WOOD PLATE [A007/09]
- 3 HANGING PANELS [A007/10]
- 1 HALF PANEL CONNECTOR [A007/11]
- 1 TOOL CABINET WITH 7 DRAWERS ON BALL BEARING SLIDES [A007/17]
- 1 HOSE REELS CABINET [A007/18]
- 1 AUTO RE-ENTERING CABLE REEL [0621/A3]
- 1 AUTO REWIND AIR HOSE REEL [0481/15]

Dimensions	2640 x 498 x 2000h mm

A008UF — € 3340,00

WITH STAINLESS STEEL PLATES



A007V — € 4700,00

WORKSHOP MODULAR FURNITURES

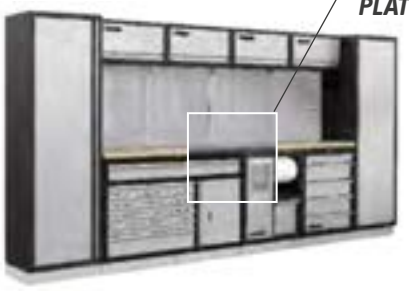
The optimal solution to furnish your workshop, your garage or your racing corner

- 4 WALL CABINET WITH SPRING GAS [A007/01]
- 2 TALL CABINETS WITH 3 SHELVES [A007/02]
- 1 TOOL CABINET WITH 5 DRAWERS ON BALL BEARING SLIDES [A007/05]
- 1 MULTIFUNCTION CABINET [A007/06]
- 5 PANELS CONNECTORS [A007/07]
- 1 WOOD PLATE [A007/08]
- 4 HANGING PANELS [A007/10]
- 1 LARGE AMERICAN TOOL CABINET [A007/21]

Dimensions	3920 x 498 x 2000h mm

A008V — € 4890,00

WITH STAINLESS STEEL PLATES



A007/02 € 624,00

TALL CABINET

With 3 shelves



Dimensions	600 x 458 x 2000 mm
Door dimensions	510 x 1810 mm
Internal depth	410 mm
Maximum capacity	180 kg

A007/23 € 791,00

2 DOOR TALL CABINET

With 3 shelves



Dimensions	915 x 458 x 2000 mm
Door dimensions	510 x 1810 mm
Internal depth	410 mm
Maximum capacity	300 kg

A007/03 € 313,00

DOOR CABINET

With one shelf



Dimensions	680 x 458 x 910 mm
Door dimensions	710 x 295 mm
Internal depth	445 mm
Maximum capacity	60 kg

A007/06 € 394,00

MULTIFUNCTION CABINET



Dimensions	680 x 458 x 910 mm
Door dimensions	710 x 295 mm
Internal depth	445 mm
Drawer dimensions	240 x 300 mm
Maximum paper roll height	240 mm
Maximum capacity	90 kg

A007/18 € 481,00

HOSE REELS CABINET



Dimensions	680 x 458 x 910 mm
Drawer capacity	30 kg

A007/04 € 504,00

TOOL CABINET WITH 4 DRAWERS

On ball bearing slide



Dimensions	680 x 458 x 910 mm
Drawer dimensions	550 x 400 mm
Drawers height	1 x 68 mm - 1 x 145 mm - 2 x 214 mm
Drawer capacity	30 kg

A007/05 € 539,00

TOOL CABINET WITH 5 DRAWERS

On ball bearing slide



Dimensions	680 x 458 x 910 mm
Drawer dimensions	550 x 400 mm
Drawers height	1 x 68 mm - 4 x 145 mm
Drawer capacity	30 kg

A007/17 € 580,00

TOOL CABINET WITH 7 DRAWERS

On ball bearing slide



Dimensions	680 x 458 x 910 mm
Drawer dimensions	550 x 400 mm
Drawers height	5 x 74.5 mm - 2 x 153.5 mm
Drawer capacity	30 kg

A007/20 € 664,00

TOOL CABINET WITH 9 DRAWERS

On ball bearing slide



Dimensions	680 x 458 x 910 mm
Drawer dimensions	550 x 400 mm
Drawers height	9 x 74.5 mm
Drawer capacity	30 kg

A007/16 € 624,00

ROLLING CABINET

With 7 drawers on ball bearing slide



Dimensions	660 x 455 x 860 mm
Drawer dimensions	525 x 400 mm
Internal depth	6 x 68 mm - 1 x 145 mm
Drawer capacity	30 kg

A007/21I € 1140,00

LARGE AMERICAN TOOL CABINET

With stainless steel top



Dimensions	1360 x 458 x 948,5 mm
Door dimensions	535 x 430 mm
Drawer dimensions	1 - 1285 x 400 mm | 6 - 810 x 400 mm
Drawers height	1 x 123,5 mm - 5 x 74,5 mm - 1 x 153,5 mm
Drawer capacity	30 kg

A007/10 € 88,60

HANGING PANEL



Dimensions	1052 x 614.5 x 24 mm
Maximum capacity	10 kg

A007/22 € 253,00

TROLLEY

With 3 shelves



Dimensions	648 x 458 x 865 mm

A007/21 € 1040,00

LARGE AMERICAN TOOL CABINET

With wooden top



Dimensions	1360 x 458 x 945 mm
Door dimensions	535 x 430 mm
Drawer dimensions	1 - 1285 x 400 mm | 6 - 810 x 400 mm
Drawers height	1 x 123,5 mm - 5 x 74,5 mm - 1 x 153,5 mm
Drawer capacity	30 kg

A007/01 € 180,00

WALL CABINET

With spring gas



Dimensions	680 x 281 x 350 mm
Door dimensions	610 x 280 mm
Internal depth	280 mm
Maximum capacity	15 kg

A007/07 € 22,20

PANELS CONNECTOR



A007/11 € 20,00

HALF PANEL CONNECTOR



A007-xP

WORK PLATES

Art.	€	Module	Material	Dimensions	Thickness
A007/08	€ 162,00	2	Wood	1360 x 460 mm	35 mm
A007/08I	€ 263,00	2	Stainless steel	1360 x 460 mm	35 mm
A007/09	€ 256,00	3	Wood	2040 x 460 mm	35 mm
A007/09I	€ 373,00	3	Stainless steel	2040 x 460 mm	35 mm
A007/19	€ 91,80	1	Wood	680 x 460 mm	35 mm
A007/19I	€ 158,00	1	Stainless steel	680 x 460 mm	35 mm



A007/LED — € 41,10

LED LIGHT FOR WORKSHOP MODULAR FURNITURES

With bi-adhesive tape, to be used in coupling with A007/Led/C charger. Two Led strips can be connected in series.



Box

A007/LED/C — € 18,00

LED LIGHT POWER SUPPLY



Box

P40VD — € 10,00

FOOTBOARDS

Mountable polypropylene, green draining self locking footboard



made in Italy

Dimensions	400 x 400 x 48 mm
Pcs. - Pallet	120 = 20 m2

PSV-F — € 7,20

POLYPROPYLENE SLIDE

Mountable for footboards, green, female (without hooks)



made in Italy

Dimensions	205 x 400 x 48 mm

PSV-M — € 7,20

POLYPROPYLENE SLIDE

Mountable for footboards, green, male (with hooks)



made in Italy

Dimensions	205 x 400 x 48 mm

PAV — € 10,10

CORNER SLIDES

For mountable polypropylene footboards, kit of 4 green corner slides



4 Pcs

made in Italy

Dimensions	200 x 200 x 270 x 48 mm

B015 — € 548,00

STEEL WORKBENCH KIT

With steel top and two lockable drawers



Bench dimensions	1500 x 645 x 865h mm
Legs thickness	1 mm
Plate thickness	2 mm
Capacity	800 kg
Drawer dimensions	433 x 347 x 122h mm
Drawer capacity	30 kg
Net weight	62 kg

B015/10 — € 306,00

WORKBENCH KIT

With steel top and lockable drawer



Dimensions	1000 x 640 x 865h mm
Legs thickness	2 mm
Plate thickness	2 mm
Capacity	600 kg
Drawer dimensions	433 x 347 x 122h mm
Drawer capacity	30 kg
Net weight	55 kg

B022/10 — € 358,00

WORKBENCH KIT

With wood press top and a lockable drawer



Dimensions	1000 x 640 x 865h mm
Legs thickness	2 mm
Plate thickness	38 mm
Capacity	350 kg
Drawer dimensions	400 x 344 x 125h mm
Drawer capacity	50 kg
Net weight	47 kg

B022/15 — € 516,00

WORKBENCH KIT

With wood press top and 2 lockable drawers



Dimensions	1500 x 640 x 865h mm
Legs thickness	2 mm
Plate thickness	38 mm
Capacity	350 kg
Drawer dimensions	400 x 344 x 125h mm
Drawer capacity	50 kg
Net weight	75 kg

B017 — € 364,00

WORKBENCH KIT



Bench dimensions	1524 x 650 x 845h mm
Legs thickness	1,0 mm
Plate thickness	40 mm
Capacity	280 kg
Net weight	42,5 kg

B017/C — € 73,80

DRAWER RACK WITH LOCK

On ball bearing made of steel, suitable to benches of other brands



Overall dimensions	680 x 270 x 130 mm
Internal dimensions	640 x 260 x 90 mm
Capacity	18,5 kg
Net weight	4,3 kg

B009/A1 € 516,00

WORKBENCH KIT

With wood press top, 3 lockable drawers, 1 shelf and adjustable feet



Dimensions	1200 x 600 x 865h mm
Legs thickness	2 mm
Plate thickness	36 mm
Capacity	350 kg
Net weight	62 kg

B009/B1 € 601,00

WORKBENCH KIT

With wood press top, 3 lockable drawers, 1 shelf with door and adjustable feet



Dimensions	1200 x 600 x 865h mm
Legs thickness	2 mm
Plate thickness	36 mm
Capacity	350 kg
Net weight	64,5 kg

B009/A2 € 813,00

WORKBENCH KIT

With wood press top, 3 lockable drawers, 1 door and shelf and adjustable feet



Dimensions	1690 x 600 x 865 mm
Legs thickness	2 mm
Plate thickness	36 mm
Capacity	350 kg
Net weight	84 kg

B009/B2 € 854,00

WORKBENCH KIT

With wood press top, 3 lockable drawers, 2 shelves with door and adjustable feet



Dimensions	1690 x 600 x 865 mm
Legs thickness	2 mm
Plate thickness	36 mm
Capacity	350 kg
Net weight	90 kg

B019 € 548,00

FOLDABLE HEAVY DUTY WORKBENCH

Made of steel, tear down structure with 2 powerful gas struts, peg board 1195 x 458 x 20 mm, main leg height 1380mm, total width for the product 1280mm, depth of the open/close product 648/130mm at a height of 330mm, auto-lock with handle in the corner of top plate, peg board with holes Ø 4mm, distance between centers holes 25mm for hooks with wire Ø 3mm.



Plate Dimensions	1195 x 648 x 41 mm
Slot distance	25 mm
Capacity	225 kg
Net weight	45 kg

B019/G030 € 11,50

HOOK SET

10 Pcs



Length	30 mm
Pins center distance	25 mm

Gx

HOOKS SET

10 Pcs



Art.	€	Pins center distance	Length
G050	€ 11,50	30 mm	80 mm
G130	€ 16,10	30 mm	155 mm

P009 — € 191,00

WALLCABINET KIT



Cabinet dimensions	1200 x 200 x 600h mm
Steel thickness	0,8 mm
Internal shelves	4
Hooks	18 (6 + 6 + 6)
Slot distance	30 mm
Net weight	17 kg

A100 — € 275,00

CABINET

With 1 drawer, slide on bearing with locking device



Cabinet dimensions	500 x 460 x 1000h mm
Steel thickness	1 mm
Internal shelves	2
Maximum capacity	100 kg
Shelf capacity	25 kg
Net weight	35 kg

A300 — € 440,00

CABINET

With 2 drawers, slide on ball bearing with locking device



Cabinet dimensions	1000 x 460 x 1000h mm
Steel thickness	1 mm
Internal shelves	2
Maximum capacity	150 kg
Shelf capacity	25 kg
Net weight	62 kg

C800 — PRO — € 947,00

TOOL CABINET

With 8 drawers, slide on bearing with locking device, without internal dividers



made in italy

Drawer capacity	50 kg
External Dimensions	630 x 550 x 930h mm
Drawer dimensions	517 x 440 mm
Drawers height	8 x 73 mm
Net weight	58 kg

C600 — PRO — € 764,00

TOOL CABINET

With 6 drawers, slide on bearing with locking device, without internal dividers



made in italy

Drawer capacity	50 kg
External Dimensions	630 x 550 x 930h mm
Drawer dimensions	517 x 440 mm
Drawers height	6 x 115 mm
Net weight	53 kg

C603 — PRO — € 920,00

TOOL CABINET

With 6 drawers, slide on bearing with locking device, without internal dividers



made in italy

Drawer capacity	50 kg
External Dimensions	630 x 550 x 930h mm
Drawer dimensions	517 x 440 mm
Drawers height	3 x 73 mm - 2 x 115 mm - 1 x 175 mm
Net weight	53,5 kg

C800- PRO

"A" DRAWER DIVIDERS

Example dividers setting



10 Pcs

Art.	€	Longitudinal divider	Transversal divider
C800/CC	€ 56,70	440 x 70h mm	-
C800/LL	€ 62,40	-	517 x 70h mm

C600- PRO

"B" DRAWER DIVIDERS

Example dividers setting



10 Pcs

Art.	€	Longitudinal divider	Transversal divider
C600/C	€ 123,00	440 x 110h mm	-
C600/L	€ 28,40	-	120 x 110h mm

C603- PRO

"C" DRAWER DIVIDERS

Example dividers setting



10 Pcs

Art.	€	Longitudinal divider	Transversal divider
C603/C	€ 162,00	440 x 165h mm	-
C603/L	€ 33,90	-	120 x 165h mm

C700 € 618,00

STEEL STORAGE CHEST WITH PLASTIC CASES

Lower box with key lock and upper zone with 7 tool boxes with central lock 4 x C360 + 3 x C371.

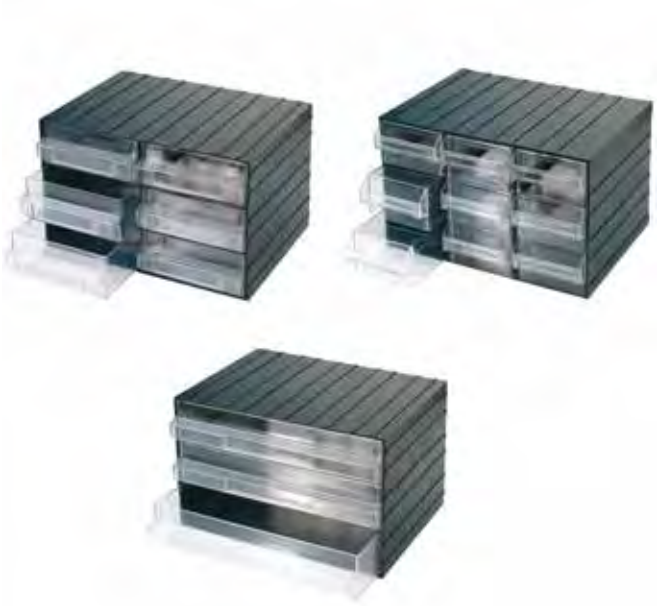


Dimensions	490 x 343 x 987h mm
Net weight	27 kg

C080-

DRAWER UNITS WITH TRANSPARENT PULL-OUT DRAWERS

Modular and stackable



Art.	€	External Dimensions	Drawer dimensions	Drawers number
C080/3	€ 61,00	382 x 290 x 230h mm	372 x 285 x 73h mm	3
C080/6	€ 60,60	382 x 290 x 230h mm	184 x 285 x 73h mm	6
C080/9	€ 61,80	382 x 290 x 230h mm	122 x 285 x 73h mm	9

C085-

DRAWER UNITS WITH TRANSPARENT PULL-OUT DRAWERS

Modular and stackable



Art.	€	External Dimensions	Drawer dimensions	Drawers number
C085/12	€ 37,00	382 x 148 x 230h mm	122 x 145 x 55h mm	12
C085/16	€ 37,00	382 x 148 x 230h mm	90 x 145 x 55h mm	16
C085/24	€ 41,60	382 x 148 x 230h mm	59 x 145 x 55h mm	24

C086/01C — € 16,80

MODULAR DRAWER UNIT WITH PULL-OUT DRAWERS

Connectable with other drawers through guides to create infinite combinations. Equipped with drawer locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	1
Drawer dimensions	250 x 150 x 150 mm

C086/01T — € 16,80

MODULAR DRAWER UNIT WITH PULL-OUT TRAYS

Connectable with other drawers through guides to create infinite combinations. Equipped with trays locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	1
Drawer dimensions	250 x 160 x 150 mm

C086/02C — € 19,00

MODULAR DRAWER UNIT WITH PULL-OUT DRAWERS

Connectable with other drawers through guides to create infinite combinations. equipped with drawer locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	2
Drawer dimensions	250 x 160 x 70 mm

C086/02T — € 19,50

MODULAR DRAWER UNIT WITH PULL-OUT TRAYS

Connectable with other drawers through guides to create infinite combinations. Equipped with trays locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	2
Drawer dimensions	250 x 160 x 70 mm

C086/04C — € 20,00

MODULAR DRAWER UNIT WITH PULL-OUT DRAWERS

Connectable with other drawers through guides to create infinite combinations. equipped with drawer locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	300 x 200 x 165 mm
Drawers number	4
Drawer dimensions	120 x 160 x 70 mm

C086/04T — € 22,20

MODULAR DRAWER UNIT WITH PULL-OUT TRAYS

Connectable with other drawers through guides to create infinite combinations. Equipped with trays locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	4
Drawer dimensions	120 x 160 x 70 mm

C086/12C — € 23,20

MODULAR DRAWER UNIT WITH PULL-OUT DRAWERS

Connectable with other drawers through guides to create infinite combinations. Equipped with drawer locking to prevent the contents from accidentally falling and rear fixing holes for wall mounting. Made of resistant plastic, it is suitable for use in the construction site, at home and in the workshop.



Dimensions	295 x 165 x 200h mm
Drawers number	12
Drawer dimensions	60 x 160 x 50 mm

C086/04C/D — NEW — € 1,90

DIVIDER KIT FOR MODULAR DRAWER UNIT

4 Pcs

Dimensions	111 x 63 mm
Pack	5

C086/12C/D — NEW — € 3,04

DIVIDER KIT FOR MODULAR DRAWER UNIT

12 Pcs



Dimensions	49.5 x 41 mm
Pack	5

C090-

UNIVERSAL STORAGE BIN

Modular and stackable



made in Italy

Art.	€	Dimensions
C090/2	€ 2,66	108 x 167 x 75h mm
C090/3	€ 5,30	151 x 237 x 126h mm
C090/4	€ 11,80	213 x 350 x 164h mm
C090/5	€ 19,50	310 x 490 x 190h mm
C090/6	€ 39,20	380 x 610 x 250h mm

0849 € 239,00

ALLUMINUM CASE SET

Ergonomic handles and lock with key.



3 Pcs

Alu

Aluminum

Cases dimensions	730 x 380 x 360h mm - 680 x 310 x 320h mm - 475 x 260 x 210h mm
Net weight	14 kg

C087 € 228,00

TOOL ROLLING CABINET

Separable into 3 pieces.



ABS

Steel

Dimensions	560 x 350 x 770h mm
Capacity	40 kg
Net weight	14 kg

0382-

ALUMINUM CASE

With key lock.



Art.	€	External Dimensions	Internal dimensions	Net weight
0382	€ 1000,00	760 x 335 x 250h mm, 1240 x 385 x 385h mm, 1445 x 520 x 460h mm	710 x 285 x 225h mm, 1185 x 335 x 365h mm, 1395 x 435 x 440h mm	40 kg
0382/02	€ 180,00	760 x 335 x 250h mm	745 x 310 x 225h mm	6 kg
0382/03	€ 306,00	1240 x 385 x 385h mm	1185 x 335 x 365h mm	14 kg
0382/04	€ 543,00	1445 x 520 x 460h mm	1405 x 365 x 440h mm	21 kg

0363-

3 PCS STEEL CASE SET

Padlockable.



Art.	€	External Dimensions	Internal dimensions	Net weight
0363	€ 1040,00	770 x 420 x 305h mm, 915 x 440 x 565h mm, 1220 x 620 x 700h mm	750 x 400 x 300h mm, 825 x 350 x 430h mm, 1130 x 520 x 600h mm	107 kg
0363/30	€ 190,00	770x420x305h mm	750 x 400 x 300h mm	14,5 kg
0363/36	€ 243,00	915 x 440 x 565h mm	825 x 350 x 430h mm	35 kg
0363/48	€ 686,00	1220 x 620 x 700h mm	1130 x 520 x 600h mm	57 kg

C670 € 1170,00

TOOL ROLLING CABINET

Composed of 6 ball bearing drawers, 1 large storage with door compartment and 2 drawers, 2 swivel and 2 fixed casters, paper-roll dispenser equipped



Dimensions	1200 x 460 x 1060h mm
Plate Dimensions	1020 x 455 x 15h mm
Cabinet dimensions	320 x 410 x 630h mm
Cabinet drawers	n°2 290 x 400 x 65h mm
Drawer capacity	25 kg
Drawer dimensions	1 - 900 x 405 mm | 5 - 535 x 405 mm
Drawers height	1 x 85 mm - 1 x 40 mm - 2 x 70 mm - 1 x 150 mm - 1 x 230 mm
Net weight	97 kg

C980 € 1030,00

TOOL ROLLING CABINET

7 drawers, with 2 side storage compartments , ball bearing equipped drawers with central lock, 12 hooks and 10 plastic bins included, 2 swivel and 2 fixed casters



Drawer capacity	25 kg
Tool cabinet size	890 x 530 x 1030h mm
Drawer dimensions	565 x 405 mm
Drawers height	3 x 50 mm - 3 x 105 mm - 1 x 165 mm
Net weight	100 kg

C190 € 791,00

7 DRAWERS ROLLER CABINET

With anti-rolling system. it's possible to open only one drawer at one time; worktop made of plastic and wood with practical compartments, retractable shelf and integrated both side bottles or tool holders, screwdrivers compartment



External Dimensions	1000 x 470 x 920h mm
Drawer dimensions	560 x 400 mm
Drawers height	1 x 170 mm - 2 x 40 mm - 4 x 60 mm
Net weight	73 kg

C960/F6 € 538,00

TOOL ROLLING CABINET WITH 6 DRAWERS

Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	3 x 65 mm - 3 x 145 mm
Drawer capacity	25 kg
Net weight	61 kg

C960/F7 € 591,00

TOOL ROLLING CABINET WITH 7 DRAWERS

Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	5 x 65 mm - 2 x 145 mm
Drawer capacity	25 kg
Net weight	62 kg

C960/F8 € 643,00

TOOL ROLLING CABINET WITH 8 DRAWERS

Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	7 x 65 mm - 1 x 145 mm
Drawer capacity	25 kg
Net weight	65 kg

C960/B6 € 538,00

TOOL ROLLING CABINET WITH 6 DRAWERS

Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
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Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	5 x 65 mm - 2 x 145 mm
Drawer capacity	25 kg
Net weight	62 kg

C960/B8 — € 643,00

TOOL ROLLING CABINET WITH 8 DRAWERS

Ball bearing equipped safety drawers with central locking, paper dispenser and tray, 2 swivel and 2 fixed casters



Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	7 x 65 mm - 1 x 145 mm
Drawer capacity	25 kg
Net weight	65 kg

C900/A — € 285,00

TOOL CHEST

With 6 drawers with central lock and portable tray



Dimensions	660 x 322 x 380h mm
Drawer dimensions	2 174 x 285 mm - 1 232 x 285 mm - 3 580 x 285 mm
Drawers height	5 x 45 mm - 1 x 70 mm
Net weight	22 kg

C900/B — € 438,00

TOOL ROLLING CABINET

Composed of 6 drawers with central locking, 2 swivel and 2 fixed casters



Dimensions	685 x 455 x 850h mm
Drawer capacity	25 kg
Drawer dimensions	585 x 410 mm
Drawers height	2 x 45 mm - 2 x 100 mm - 2 x 150 mm
Net weight	44 kg

C902/B — € 349,00

TOOL ROLLING CABINET

Composed of 3 drawers roll-wagon with central locking, 2 swivel and 2 fixed casters



Compartment dimensions	575 x 430 x 315h mm
Dimensions	680 x 435 x 780h mm
Drawer capacity	25 kg
Net weight	27 kg

0466/4V — € 35,40

MAGNETIC TOOL TRAY SET

Made of painted steel, to organize the best working place





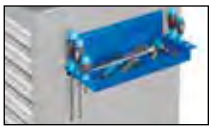
4 Pcs Box Steel

Overall dimensions	310 x 130 x 120h mm; 270 x 130 x 120h mm; 210 x 130 x 120h mm; 150 x 130 x 120h mm
Capacity	1,17 kg; 1 kg; 0,77 kg; 0,6 kg
Steel thickness	0,7 mm

0466/CV — € 14,80

MAGNETIC HANGING TRAY WITH SCREWDRIVERS HOLDER

Made of painted steel, to organize the best working place





Box Steel

Dimensions	360 x 130 x 110h mm
Drawer dimensions	305 x 115 x 30h mm
Holes	6 x Ø 10 mm
Capacity	3.18 kg
Steel thickness	1 mm

0466/PB — € 8,50

MAGNETIC SOCKETS HOLDER

Made of painted steel, to organize the best working place





Box Steel

Overall dimensions	280 x 45 x 90h mm
Sockets sizes	1/4" - 3/8" - 1/2"
Steel thickness	0,9 mm

0466/SC — € 16,80

3 HOLE MAGNETIC SPRAY CANS AND 7 SCREWDRIVERS HOLDER

Made of painted steel, to organize the best working place





Box Steel

Overall dimensions	130 x 300 x 130h mm
Holes	3 x Ø 75 mm; 2 x Ø 12 mm; 1 x Ø 11 mm; 1 x Ø 10 mm; 1 x Ø 9 mm; 2 x Ø 7,5 mm
Capacity	1,19 kg
Steel thickness	0,8 mm

0323/45 — € 49,10

TOOL CHEST

With 5 trays.





Steel

Dimensions	450 x 200 x 205 h mm
Net weight	4 kg

0323/55 — € 55,70

TOOL CHEST

With 5 trays.





Steel

Dimensions	550 x 200 x 205h mm
Net weight	4,5 kg

0423/1 — € 32,80

TOOL BOX

With 16 small and 4 middle plastic removable trays, ideal for storing small parts. Small plastic trays dimensions: 54 x 52 x 43h mm, middle plastic trays dimensions: 54 x 105 x 43h mm. The box has two safety locks to prevent the involuntary overthrow of the hardware.



Steel Plastic

Dimensions	334 x 240 x 45 mm

0423/2 — € 38,70

TOOL BOX

With 29 small and 3 middle removable plastic trays, ideal for storing small parts. Small plastic trays dimensions: 54 x 52 x 43h mm, middle plastic trays dimensions: 54 x 105 x 43h mm. The box has a central safety lock to prevent the overthrow of the hardware.



Steel Plastic

Dimensions	388 x 295 x 45 mm

0422-

POLYPROPYLENE BLISTER SET

Useful for storing small items such as screws, bolts, nuts, small hooks, nails



Plastic

made in Italy

20 Pcs

Art.	€	Dimensions
0422/B1	€ 9,20	65 x 47 x 30 mm
0422/B3	€ 16,10	75 x 60 x 40mm

C312 € 8,50

TOOL ORGANIZER BOX

With 21 compartments and movable dividers, for storing larger items than the original magazine



Plastic

Dimensions	320 x 260 x 50 mm

C315 € 13,20

TOOL ORGANIZER BOX

With 21 compartments and movable dividers, for storing larger items than the original magazine





Plastic

Dimensions	380 x 310 x 60 mm

C313 € 73,80

RACK WITH 4 PLASTIC TOOL ORGANIZER BOXES

Modular, with 13 extractable containers of various sizes, equipped with lateral insets for stacking and rear holes for wall fixing





Plastic

Dimensions	377 x 265 x 310 mm

C360 € 24,90

TOOL BOX

With 23 compartments and 16 removable dividers



Plastic

made in Italy

Box

Dimensions	443 x 317 x 80h mm

C371 € 40,60

TOOL BOX

With removable 2 big trays, 3 medium trays, 6 small trays



Plastic

made in Italy

Box

Dimensions	443 x 317 x 107h mm

C163 € 15,30

TOOL-BOX

16", lockable , with 1 movable shelf and 2 compartments for motion work in the lid



PP

made in Italy

Box

Polyprop.

Dimensions	394 x 160 x 195h mm

C165 € 29,00

TOOL-BOX

20", with 1 movable shelf and 2 compartments for motion work in the lid



PP

made in Italy

Box

Polyprop.

Dimensions	514 x 225 x 260h mm

C648 € 56,20

TOOL BOX

With movable shelf



Box INOX

Box

Dimensions	510 x 280 x 220h mm

M13x

WATERPROOF TOOL CASE

Built in pressure valve with cubed-foam interior to protect the objet stored. it is ideal for instruments and test equipment



Box PP

Box Polyprop.

Art.	€	External Dimensions	Internal dimensions	Net weight
M138	€ 66,80	465 x 360 x 175h mm	425 x 287 x 115h mm	2,9 kg
M139	€ 91,60	570 x 410 x 215h mm	505 x 353 x 140h mm	4,5 kg

M300/B € 89,60

WATERPROOF TOOL CASE

Built in pressure valve with cubed-foam interior to protect the objet stored. the superior protection from the elements, water , dust and impacts, make it suitable for a wide array of sectors and applicazions.





Box PP made in Italy

Box Polyprop.

External Dimensions	336 x 300 x 148 mm
Internal dimensions	300 x 225 x 132 mm
Internal volume	8.91 l
Working temperature	-30 / 90°C (-22 / 194°F)
Net weight	1,6 kg

M430/B € 121,00

WATERPROOF TOOL CASE

Built in pressure valve with cubed-foam interior to protect the objet stored. the superior protection from the elements, water , dust and impacts, make it suitable for a wide array of sectors and applicazions.





Box PP made in Italy

Box Polyprop.

External Dimensions	464 x 366 x 176 mm
Internal dimensions	426 x 290 x 159 mm
Internal volume	19.64 l
Working temperature	-30 / 90°C (-22 / 194°F)
Net weight	2,8 kg

M505/B € 185,00

WATERPROOF TOOL CASE

Built in pressure valve with cubed-foam interior to protect the objet stored. the superior protection from the elements, water , dust and impacts, make it suitable for a wide array of sectors and applicazions.





Box PP made in Italy

Box Polyprop.

External Dimensions	555 x 428 x 211 mm
Internal dimensions	500 x 350 x 194 mm
Internal volume	33.95 l
Working temperature	-30 / 90°C (-22 / 194°F)
Net weight	3,9 kg

M540/BT € 301,00

WATERPROOF TOOL CASE WITH TROLLEY

Built in pressure valve with cubed-foam interior to protect the objet stored. the superior protection from the elements, water , dust and impacts, make it suitable for a wide array of sectors and applications.





Box PP made in Italy

Box Polyprop.

External Dimensions	594 x 473 x 270 mm
Internal dimensions	538 x 405 x 245 mm
Internal volume	53.38 l
Working temperature	-30 / 90°C (-22 / 194°F)
Net weight	5,2 kg

0682 € 98,60

ABS TOOL CASE

Tools not included





Box ABS

A	460 mm
B	330 mm
C	150 mm
D	98 mm
E	52 mm
Capacity	25 kg
Net weight	2,9 kg

0683 € 168,00

TROLLEY ABS TOOL CASE

Tools not included





Box ABS

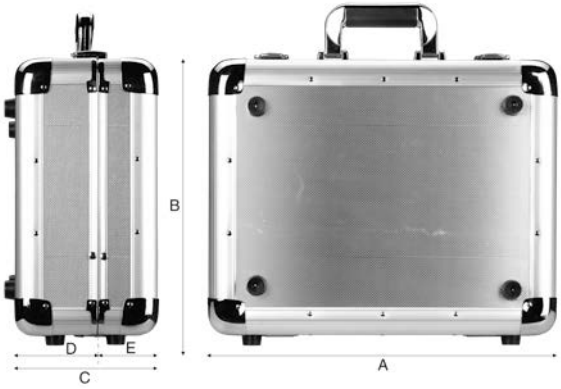
A	460 mm
B	330 mm
C	190 mm
D	98 mm
E	92 mm
Capacity	25 kg
Net weight	4,5 kg

068x

ALUMINIUM TOOL CASE

Tools not included





Art.	€	A	B	C	D	E	Capacity	Net weight
0680	**€ 137,00**	510 mm	375 mm	185 mm	110 mm	75 mm	30 kg	5 kg
0681	**€ 118,00**	440 mm	390 mm	185 mm	110 mm	75 mm	30 kg	4,8 kg

0557 **€ 94,90**

MULTITOOL BACKPACK

Made in polyester 1680 denier, with hard-rubber base, breathable back, extractable tool holders, laptop padded pocket with office zone, great and rugged pockets to accommodate a great number of tools



External Dimensions	370 x 160 x 460h mm
Net weight	2,2 kg

0390 **€ 45,70**

TOOL BAG

With shoulder belt made of 1680 denier polyester, big and rugged pockets to accommodate a great number of tools



Pockets	14
Dimensions	400 x 225 x 250h mm

0395 **€ 56,20**

TOOL BAG

With shoulder belt made of 1680 denier polyester, big and rugged pockets to accommodate a great number of tools



Pockets	19
Dimensions	480 x 250 x 225h mm / 19" x 10" x 9" h mm

0409 **€ 11,80**

TOOL BAG

10 pockets with belt, made of polyester. it can be used to hold small tester, pliers, scissors, screwdrivers and other tools



Dimensions	250 x 210 x 70 mm

0254 **€ 8,70**

FITTER TOOL BAG

Leather with belt



Pockets	5

0264 **€ 17,70**

FITTER TOOL BAG

Leather with belt



Pockets	11

0036-

STEEL VICE

Attaches directly to the work base to ensure high stability. Lateral sliding adjustment.



Box Steel

Art.	€	Jaws	Opening	Working height	Slot distance	Net weight
0036/100	€ 114,00	100 mm	105 mm	60 mm	85 mm	4,9 kg
0036/125	€ 169,00	125 mm	138 mm	75 mm	110 mm	9,5 kg
0036/150	€ 285,00	150 mm	180 mm	90 mm	150 mm	19 kg

0036-xG

TABLE VICE WITH SWIVEL BASE

Attaches directly to the work base to ensure high stability. Lateral sliding adjustment. Equipped with swivel mechanism.



Box Steel

Art.	€	Jaws	Opening	Net weight
0036/100G	€ 134,00	100 mm	105 mm	5,5 kg
0036/125G	€ 184,00	125 mm	124 mm	11 kg
0036/150G	€ 316,00	150 mm	180 mm	22 kg

0135-

FORGED STEEL VICE

Attaches directly to the work base to ensure high stability. Lateral sliding adjustment.



Box Steel

Art.	€	Jaws	Opening	Working height	Slot distance	Net weight
0135/100	€ 122,00	100 mm	125 mm	60 mm	98 mm	5,8 kg
0135/125	€ 173,00	125 mm	160 mm	70 mm	111 mm	9,8 kg
0135/150	€ 275,00	150 mm	190 mm	85 mm	136 mm	17,8 kg

0140-

STEEL VICE

Attaches directly to the work base to ensure high stability. Lateral sliding adjustment. Equipped with hose clamp. Recommended for heavy use.



Box Steel

Art.	€	Jaws	Opening	Working height	Slot distance	Net weight
0140/080	€ 45,80	80 mm	80 mm	60 mm	81 mm	4 kg
0140/100	€ 53,50	100 mm	100 mm	65 mm	81 mm	5,5 kg
0140/125	€ 79,00	125 mm	125 mm	90 mm	103 mm	10 kg
0140/150	€ 99,40	150 mm	150 mm	95 mm	123 mm	14 kg

0591- PRO

STEEL VICE

Attaches directly to the work base to ensure high stability. Lateral sliding adjustment. Equipped with bearing on the screw, hose clamp and interchangeable jaws.



Box Steel

Art.	€	Jaws	Opening	Net weight
0591/100	€ 151,00	100 mm	95 mm	5,3 kg
0591/125	€ 213,00	125 mm	130 mm	11 kg
0591/150	€ 321,00	150 mm	230 mm	23 kg

0145-

STEEL VICE

Attaches directly to the work base to ensure high stability. Equipped with hose clamp.



Box Steel

Art.	€	Jaws	Pipe jaws	Opening	Working height	Slot distance	Net weight
0145/80	€ 38,70	80 x 20 mm	No	80 mm	58 mm	76 mm	3,7 kg
0145/100	€ 43,00	100 x 20 mm	Yes	100 mm	70 mm	85 mm	5,2 kg
0145/125	€ 57,20	125 x 20 mm	Yes	125 mm	75 mm	90 mm	7,4 kg
0145/150	€ 93,10	150 x 27 mm	Yes	150 mm	95 mm	105 mm	12 kg

0174-

SG IRON BENCH VICE

Attaches directly to the work base to ensure high stability. Equipped with interchangeable jaws.



Box Cast Iron

Art.	€	Jaws	Opening	Working height	Slot distance	Net weight
0174/100	€ 61,10	100 x 20 mm	100 mm	50 mm	85 mm	4,8 kg
0174/125	€ 76,20	125 x 22 mm	130 mm	60 mm	95 mm	7,7 kg
0174/150	€ 95,30	150 x 22 mm	150 mm	75 mm	105 mm	10 kg

0427-

SG IRON PARALLEL BENCH VICE

Attaches directly to the work base to ensure high stability. Equipped with interchangeable jaws and prismatic guides.



Box Cast Iron

Art.	€	Jaws	Opening	Net weight
0427/080	€ 71,40	80 mm	80 mm	6,5 kg
0427/100	€ 92,00	100 mm	100 mm	10 kg
0427/125	€ 122,00	135 mm	125 mm	12 kg

0146/60 € 25,20

STEEL VICE WITH SWIVEL BASE



Cast Iron

Jaws	60 mm
Opening	65 mm
Clamp capacity	51 mm
Net weight	1,5 kg

0042-

ALUMINUM MAGNETIC JAW COUPLE

Ribbed with grooves



2 Pcs — Alu — Aluminum

Art.	€	Jaws	Height	Thickness
0042/100	**€ 12,70**	100 mm	28 mm	7.5 mm
0042/125	**€ 19,60**	125 mm	28.5 mm	7.5 mm
0042/150	**€ 20,10**	150 mm	28.5 mm	7.5 mm

0520-xG

ALUMINIUM MAGNETIC JAW PAIR WITH RUBBER FACE

With durable rubber



2 Pcs — Blister — Alu — Aluminum

Art.	€	Length	Height	Thickness
0520/100G	**€ 14,10**	100 mm	28,7 mm	10,0 mm
0520/125G	**€ 16,00**	125 mm	28,7 mm	10,0 mm
0520/150G	**€ 17,80**	150 mm	28,7 mm	10,0 mm

0520-xA

ALUMINIUM MAGNETIC JAW PAIR

Ribbed with grooves



2 Pcs — Blister — Alu — Aluminum

Art.	€	Length	Height	Thickness
0520/100A	**€ 14,10**	100 mm	28,3 mm	8,9 mm
0520/125A	**€ 16,00**	125 mm	28,3 mm	8,9 mm
0520/150A	**€ 17,80**	150 mm	28,3 mm	8,9 mm

0520-xP

PRISMATIC MAGNETIC JAW PAIR

With trapezoidal jaws.



2 Pcs — Blister — Alu — Aluminum

Art.	€	Length	Height	Thickness
0520/100P	**€ 14,10**	100 mm	28,5 mm	9,8 mm
0520/125P	**€ 16,00**	125 mm	28,5 mm	9,8 mm
0520/150P	**€ 17,80**	150 mm	28,5 mm	9,8 mm

0520-xF

MAGNETIC JAW PAIR WITH FIBER FACE

With strong fiber



2 Pcs — Blister — Alu — Aluminum

Art.	€	Length	Height	Thickness
0520/100F	**€ 14,10**	100 mm	28,7 mm	10,3 mm
0520/125F	**€ 16,00**	125 mm	28,7 mm	10,3 mm
0520/150F	**€ 17,80**	150 mm	28,7 mm	10,3 mm

0520-xS

SERIES OF ALUMINUM MAGNETIC JAW PAIRS

Includes the items 0520-xA, 0520-xF, 0520-xG, 0520-xP.



8 Pcs — Blister — Alu — Aluminum

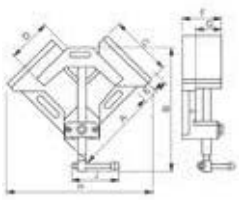
Art.	€	Length
0520/100S	**€ 42,30**	100 mm
0520/125S	**€ 48,00**	125 mm
0520/150S	**€ 53,50**	150 mm

0205 — € 31,30

SPECIAL VICE FOR 90° WELDING

Adjustable jaw.

Box — Alu — Aluminum





Capacity	70 mm + 70 mm
Working height	35 mm
A	150 mm
B	Min 250 mm - Max 345 mm
C	97 mm
D	60 mm
E	70 mm
F	55 mm
G	49 mm
H	217 mm
J	92 mm

0205/120 — PRO — € 108,00

SPECIAL VICE FOR 90° WELDING

Adjustable jaw.

Box — Cast Iron



Capacity	110 mm + 110 mm
Working height	60 mm
A	257 mm
B	Min 290 mm - Max 458 mm
C	135 mm
D	109 mm
E	126 mm
F	90 mm
G	77 mm
H	340 mm
J	112 mm

M006-

GENERAL USE STEEL CLAMP WITH T-SPINDLE

Steel — Tempered

Art.	€	Span x Depth	Spindle
M006/200	€ 27,20	200 x 120 mm	22 x 10,5 mm
M006/300	€ 38,10	300 x 140 mm	25 x 12 mm
M006/400	€ 38,60	420 x 120 mm	25 x 12 mm
M006/500	€ 42,90	500 x 120 mm	25 x 12 mm
M006/600	€ 61,60	600 x 120 mm	25 x 12 mm
M006/800	€ 74,00	800 x 120 mm	25 x 12 mm
M006/1000	€ 87,90	1000 x 120 mm	25 x 12 mm



M007-

GENERAL USE STEEL CLAMP RATCHET

Quick clamping.

Steel — Tempered

Art.	€	Span x Depth	Spindle
M007/250	€ 53,30	250 x 120 mm	22 x 10,5 mm
M007/300	€ 61,60	300 x 140 mm	25 x 12 mm
M007/400	€ 67,20	400 x 120 mm	25 x 12 mm
M007/500	€ 72,40	500 x 120 mm	25 x 12 mm
M007/600	€ 80,60	600 x 120 mm	25 x 12 mm

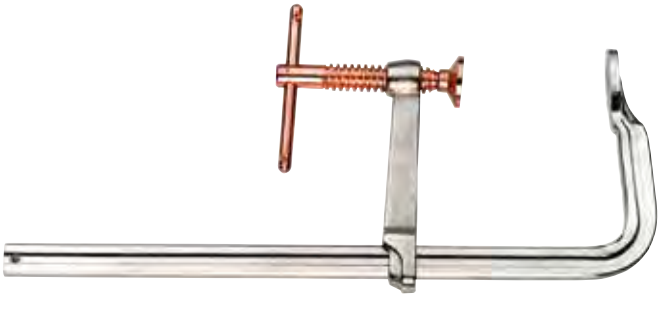


M018-

GENERAL USE STEEL CLAMP WITH T-SPINDLE

Steel — Tempered

Art.	€	Span x Depth	Spindle
M018/0200	€ 20,40	200 x 100 mm	19 x 9,5 mm
M018/0300	€ 24,50	300 x 100 mm	19 x 9,5 mm
M018/0400	€ 27,90	400 x 120 mm	21,5 x 10,5 mm
M018/0500	€ 30,60	500 x 120 mm	21,5 x 10,5 mm
M018/0600	€ 30,60	600 x 120 mm	21,5 x 10,5 mm
M018/0800	€ 35,60	800 x 120 mm	21,5 x 10,5 mm
M018/1000	€ 40,70	1000 x 120 mm	21,5 x 10,5 mm
M018/1200	€ 45,80	1200 x 120 mm	21,5 x 10,5 mm



0167-

WOOD HANDLE CLAMP



Steel | Alu (Aluminum)

Art.	€	Span x Depth
0167/150	€ 3,42	150 x 50 mm
0167/200	€ 6,40	200 x 80 mm
0167/250	€ 7,10	250 x 100 mm
0167/400	€ 9,70	400 x 100 mm
0167/500	€ 12,20	500 x 120 mm

0394-

QUICK ADJUSTABLE CLAMP



ABS

Art.	€	Span x Depth	Spindle	Maximum torque
0394/150	€ 7,60	150 x 63 mm	18 x 5,5 mm	60 kg
0394/300	€ 10,20	300 x 63 mm	18 x 5,5 mm	60 kg
0394/450	€ 11,80	450 x 63 mm	18 x 5,5 mm	60 kg
0394/600	€ 14,30	600 x 63 mm	18 x 5,5 mm	60 kg

0250 € 43,80

4-WAY CLAMPING SYSTEM

Provided in assembly kit, for doors or wooden tables (wood strips not included)



Box | Plastic

Max thickness	150 mm

0353/085 € 7,00

POLYPROPYLENE SPRING CLAMPS SET

Length 85mm, useful in the laboratory to facilitate the gluings and similar works.



12 Pcs | Hangable | PP (Polyprop.)

Length	85 mm
Opening	35 mm

0353/110 € 7,50

POLYPROPYLENE SPRING CLAMPS SET

110mm longs, useful in the laboratory to facilitate the gluings and similar works.



8 Pcs | Hangable | PP (Polyprop.)

Length	110 mm
Opening	40 mm

035x

SPRING CLAMP

Useful in the laboratory to facilitate the gluings and similar works.



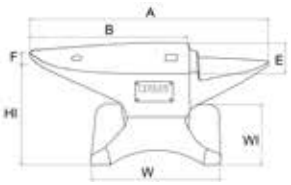
Hangable | Nylon

Art.	€	Length	Opening
0353/150	€ 3,29	150 mm	55 mm
0354/225	€ 4,52	225 mm	100 mm

0157-

C50 HARDENED STEEL ANVIL

Sturdy construction, round hole and square hole for punching and bending.





Box C50

Art.	€	A	B	E	W	WI	HI	Tolerance	Net weight
0157/10	€ 112,00	345 mm	235 mm	80 mm	150 mm	110 mm	120 mm	±5%	10 kg
0157/30	€ 269,00	535 mm	360 mm	110 mm	215 mm	150 mm	160 mm	±5%	30 kg
0157/50	€ 392,00	620 mm	410 mm	140 mm	240 mm	175 mm	190 mm	±5%	50 kg
0157/100	€ 819,00	805 mm	520 mm	175 mm	315 mm	230 mm	240 mm	±5%	100 kg

0265/05 € 35,00

CAST IRON ANVIL

Sturdy construction, round hole and square hole for punching and bending

Box Cast Iron

A	230 mm
B	160 mm
E	57 mm
F	10,5 mm
W	112 mm
WI	85 mm
HI	95 mm
Tolerance	±5%
Net weight	5 kg







SANDERS



















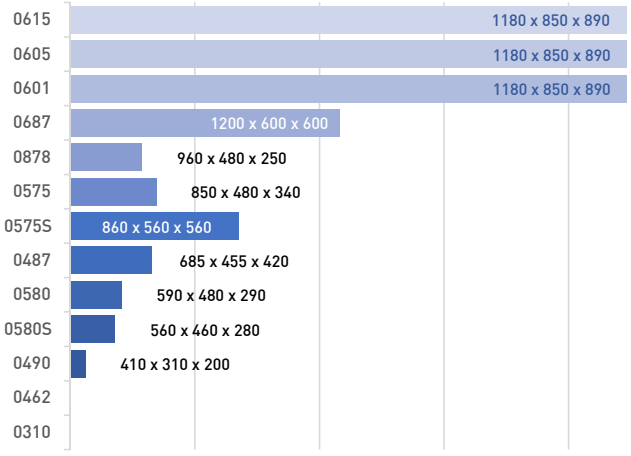




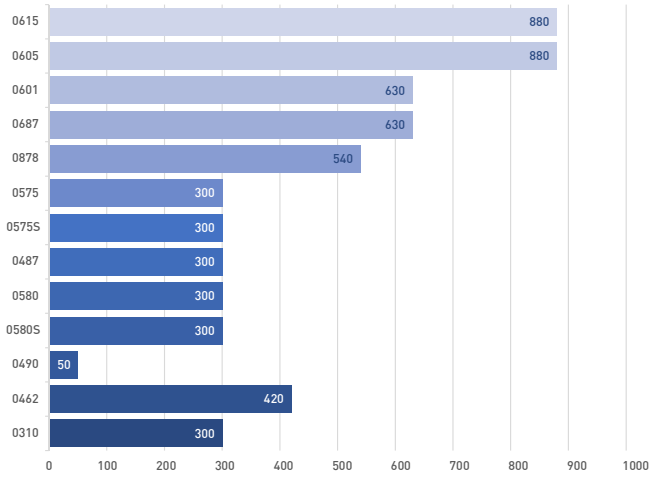




Internal dimensions (mm)



Air consumption (l/min)



0615 € 4310,00

PRESSURE SANDBLAST CABINET

With cyclone vacuum cleaner, HEPA filter, front opening and ceiling light with 3 fluorescent lamps.







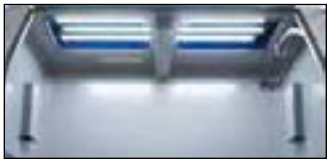
Internal dimensions	1180 x 850 x 890 h mm
Maximum capacity	150 kg
Working pressure	6 ÷ 8 Bar
Air consumption	31 SCFM 880 l / min
Gun nozzle	Ø 6 - 7 mm

Electric vacuum	230 V 50 Hz 0.7 kW
Filtration rate	8 micron
With light	Yes
Overall dimensions	1330 x 1515 x 2070 h mm
Net weight	300 kg

0605 € 3810,00

SANDBLAST CABINET WITH 2 DUST COLLECTORS

With pressurized tank to have a greater abrasive effect, 2 cyclone-type dust collectors, paper filter, front opening and ceiling light with 3 fluorescent lamps



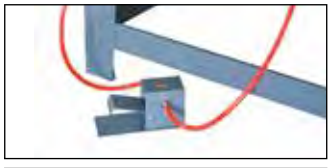

Working area	1180 x 850 x 890 h mm
Maximum capacity	150 kg
Working pressure	6 ÷ 8 Bar
Air consumption	31 SCFM 880 l / min
Gun nozzle	Ø 6 - 7 mm

Electric vacuum	2 x 230 V 50 Hz 1,2 kW
Filtration rate	5 micron
With light	Yes
Overall dimensions	1800 x 1515 x 2070 h mm
Net weight	245 kg

0601 € 3120,00

SANDBLAST CABINET WITH DUST COLLECTOR

Cyclone-type, paper filter, front opening and ceiling light with 3 fluorescent lamps







Working area	1180 x 850 x 890h mm
Maximum capacity	150 kg
Working pressure	6 ÷ 8 Bar
Air consumption	21 SCFM 630 l / min
Gun nozzle	Ø 6 - 7 mm

Electric vacuum	230 V 50 Hz 1.2 kW
Filtration rate	5 micron
With light	Yes
Overall dimensions	1330 x 1240 x 1770 h mm
Net weight	180 kg

0687 € 2220,00

VERTICAL SANDBLAST CABINET WITH VACUUM

With paper filter






Working area	1200 x 600 x 600 h mm
Maximum capacity	120 kg
Working pressure	6.5 ÷ 7.5 Bar
Air consumption	21 SCFM 630 l / min
Gun nozzle	Ø 6 - 7 mm
Electric vacuum	230 V 50 Hz 1.2 kW
Filtration rate	5 micron
Overall dimensions	1220 x 910 x 1740 h mm
Net weight	149 kg

0878 € 1770,00

VERTICAL SANDBLAST CABINET WITH VACUUM

With paper filter






Working area	960 x 480 x 250 ÷ 470 h mm
Working pressure	6.5 ÷ 7.5 bar
Air consumption	18 SCFM 540 l / min
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Electric vacuum	230 V 50 Hz 1,2 kW
Filtration rate	5 micron
Overall dimensions	1030 x 850 x 1640 h mm
Net weight	100 kg

0575 € 744,00

VERTICAL SANDBLAST CABINET



Working area	850 x 480 x 340 ÷ 540 h mm
Working pressure	6.5 ÷ 7.5 Bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Overall dimensions	890 x 560 x 1385 h mm
Net weight	46 kg

0575S € 690,00

SANDBLAST CABINET

In kit




Working area	860 x 560 x 560 h mm
Working pressure	6.5 ÷ 7.5 bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Overall dimensions	905 x 620 x 1390 h mm
Net weight	44 kg

0487 € 304,00

BENCH SANDBLAST

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves











Working area	685 x 455 x 420 mm
Working pressure	6.5 ÷ 7.5 Bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
With light	230 V 50 Hz; 6 W 12 V
Overall dimensions	755 x 495 x 720 h mm
Net weight	26.5 kg

0580 € 288,00

BENCH SANDBLAST CABINET







Overall dimensions	630 x 510 x 490 h mm
Working area	590 x 480 x 290 h mm
Working pressure	6.5 ÷ 7.5 Bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Net weight	13 kg

0580S € 256,00

BENCH SANDBLAST CABINET

In kit



Overall dimensions	585 x 485 x 495 h mm
Working area	560 x 460 x 280 h mm
Working pressure	6.5 ÷ 7.5 Bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Net weight	16 kg

0490 € 434,00

MINI BENCH SANDBLAST

With foot control and fixed gun



Working area	410 x 310 x 200 h mm
Working pressure	4 - 7,5 bar
Gun nozzle	Ø 3.5 mm
With light	230 V 50 Hz, 6 W 12 V
Overall dimensions	475 x 370 x 370 h mm
Net weight	12 kg

0462 — € 792,00

SANDBLAST MACHINE WITH VACUUM

For rusted metallic objects that can't be put in traditional sandblast machine. if the object to be considered is flat, the vacuum cleaner allows the operator to not lose the most part of the abrasive material that is being used. the four wheels, two of which swivel, allow the operator that the machine is close to the object to be sandblasted



Tubes length	2.5 m
Motor	230 V 50 Hz 1.2 kW
Max vacuum capacity	13 ÷ 15 kPa
Working pressure	8 Bar
Air consumption	420 l / min
Dimensions	404 x 612 x 1046 h mm
Net weight	30 kg

0310 — € 201,00

SODA BLASTER

For external use, light weight, easy to carry, indicated for the removal of paints, rust, graffiti etc ..



Overall dimensions	350 x 400 x 788 h mm
Capacity	18 l
Working pressure	2.5 ÷ 6.2 bar
Air consumption	8 ÷ 10 SCFM (240 ÷ 300 l / min)
Gun nozzle	Ø 2 - 3 mm
Net weight	13 kg

SA01-CTRx

ROTARY TABLE FOR SANDBLAST CABINET

With trolley.

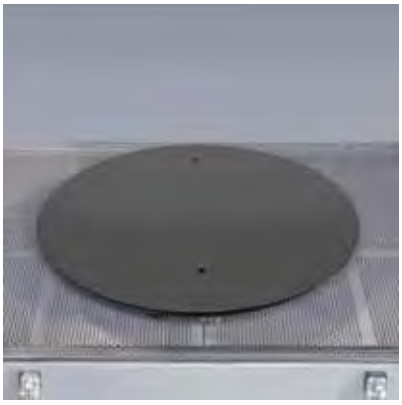


Art.	€	Capacity	Diameter	Overall dimensions	Net weight
SA01/CTR1	**€ 514,00**	150 kg	580 mm	920 x580 x1070h mm	43,5 kg
SA01/CTR2	**€ 514,00**	150 kg	580 mm	920 x580 x1335h mm	45 kg

SA01/TR — € 113,00

ROTARY TABLE

For sandblast cabinet.



Diameter	380 mm
Overall dimensions	380 x 43h mm
Net weight	7 kg

SA01/C — € 1130,00

CYCLONE FOR SAND BLAST CABINET

In two stage.



Filtration rate	8 micron
Air flow	13500 l/min
Max power	230 V 50 Hz 0,55 kW
Overall dimensions	540 x 1000 x 1450h mm
Net weight	55 kg

SA01/A — € 355,00

SANDBLAST CYCLON

Cylindrical with paper filter, with manual filter beater and opening in the lower part.



Electric vacuum	230 V 50 Hz 1,2 kW
Filtration rate	5 micron
Air permeability	185 l/(m²s)
Inlet size	Ø 55 mm
Slot distance	305 X 240 mm
Dimensions	Ø 290 X 730 mm

0582-

SANDBLAST CORUNDUM

It stands out for being edgy and extremely stable by combining the properties of hardness and density. Its longevity and reusability make it the most used material for sandblasting. Being composed for the most part of aluminum oxide it is practically free of iron. Particularly suitable for cleaning metal surfaces, removing rust and oxide layers and removing temper colors





Art.	€	Grit	Hardness	Net weight
0582/36	€ 96,00	36	9 Mohs	25 kg
0582/80	€ 96,00	80	9 Mohs	25 kg

0578- NEW

SILICON CARBIDE

Black Silicon Carbide is the hardest material used for sandblasting, making it the ideal solution for all the most demanding jobs. Virtually iron-free, its abrasive properties make it very aggressive and fast in removing impurities. Its conformation allows the grains to break continuously creating new sharp and cutting edges, increasing the fineness of the grain size. Very durable it allows a high reusability. It tends to be incorporated into the material





Art.	€	Grit	Hardness	Net weight
0578/36	€ 132,00	36	9.1 Mohs	25 kg
0578/80	€ 132,00	80	9.1 Mohs	25 kg

0579- NEW

GARNET

Garnet is one of the last natural abrasives still in use. It is a natural stone, and therefore ecological, with excellent abrasive properties that allows you to create profiles without abrasive incorporation, produce little dust and have a relatively low consumption. It is excellent for removing hard coatings, paint, rust and laminate scales. It can be used for both dry and water sandblasting. Its low cost makes it an alternative to corundum.



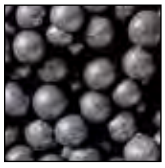


Art.	€	Grit	Hardness	Net weight
0579/30	€ 52,80	36 ÷ 60	7.5 Mohs	25 kg
0579/80	€ 52,80	80	7.5 Mohs	25 kg

0569 NEW € 82,50

STEEL SHOT

Thanks to their spherical surface and hardness they allow to obtain shiny surfaces. Excellent for removing paint, blemishes, burrs and rust. Their low crushing does not create dust inside the sandblasting cabin and allows a long life of the abrasive. They can be used both as a means for shot peening and for both dry and water sandblasting.





Grit	S390
Hardness	40 ÷ 50 HRC
Net weight	25 kg

0581 € 84,80

MICRO GLASS BEADS

Thanks to their spherical shape they are perfect for surface finishing. They create smooth and bright surfaces, leaving an incomparable satin effect. As they do not contain iron, they are very suitable for working on stainless steel for food use and aluminum. The microspheres will not damage the substrate of the material being processed but will leave an anchoring profile for subsequent painting, especially on soft materials such as brass, aluminum, plastics, etc...





Grit	50 ÷ 70 (0,3 ÷ 0,2 mm)
Hardness	5-7 Mohs
Net weight	25 kg

0310B € 74,00

SODA BLASTING MEDIA

Salt composed basic bicarbonate synthetic, suitable for treating steel, aluminum, fiberglass, plastic, bricks etc ...





Grit	36 ÷ 80 (0,5 ÷ 0,3 mm)
Hardness	2,5 - 3 Mohs
Decomposition temperature	> 50°C
Net weight	25 kg

0490/11 — € 22,60

PAIR OF GLOVES



Gloves diameter	100 mm

05x

PAIR OF GLOVES

Soft and comfortable.



Art.	€	Length	Gloves diameter
0575/29	**€ 39,90**	600 mm	180 mm
0580/21	**€ 39,90**	450 mm	145 mm

0490/03 — € 24,60

WINDOW PROTECTION SET

for sandblasters



5 Pcs

0601/24 — € 22,60

WINDOW PROTECTION SET

For sandblasters, 670 x 300mm.



5 Pcs

Size	670 x 300 mm

0601/30 — € 16,40

LAMP PROTECTION SET

For sandblasters, 900 x 260mm



5 Pcs

Size	900 x 260 mm

0687/005 — € 27,60

LAMP PROTECTION SET

For sandblasters, 600 x 100mm



10 Pcs

Size	600 x 100 mm

0575/04 — € 43,40

WINDOW PROTECTION SET

For sandblasters, 550 x 250mm



10 Pcs

Size	550 x 250 mm

0580/01-6 — € 27,60

WINDOW PROTECTION SET

For sandblasters, 400 x 300mm



5 Pcs

Size	400 x 300 mm

SA01/F — € 159,00

CYCLONE FILTER

HEPA material.



Diameter	320 mm
Height	600 mm

0687/029 — € 74,50

SANDBLAST CYCLON



Diameter	170 mm
Height	305 mm

0687/041 € 102,00

GUN

Sander



0290 € 37,70

SANDBLAST GUN

Metal gun, with ceramic nozzles.



Ceramic nozzles	Ø 4 - 5 - 6 - 7 mm
Rubber hose length	1,5 m
Air inlet	G 1/4"
Sound pressure level	< 70 dB(A)
Vibrations	< 2.5 m/s2
Working pressure	0.6 MPa

0577/17 € 44,00

FIXED GUN



U003 € 105,00

BORON CARBIDE NOZZLE

For sand blast cabinet, long life



Nozzle diameter	Ø 7,5 mm

U004 € 66,80

COMPOSITE NOZZLE

For sand blast cabinet, long life



Nozzle diameter	6 mm

0490/20 € 9,20

CERAMIC NOZZLE SET



4 Pcs

Nozzle diameter	Ø 3,5 mm

0462/55 € 36,00

CERAMIC NOZZLE SET



5 Pcs

Nozzle diameter	Ø 7,5 mm

0575/0580/12 € 17,30

CERAMIC NOZZLE SET

4 pcs, diameter Ø 4,5,6,7mm



4 Pcs

Nozzle diameter	Ø 4 - 5 - 6 - 7 mm

0687/102 € 18,70

CERAMIC NOZZLE SET



4 Pcs

Nozzle diameter	Ø 6 - 7 mm

0305 € 761,00

PART WASHER WITH HEATING SYSTEM

For washing with hot water up to 60° C, with a Venturium pneumatic gun.






Tank capacity	8 ÷ 14 l
Avg air cons.	5 SCFM 145 l / min
Working area	760 x 560 x 380 mm
Washing pressure	5 ÷ 8 Bar
Power	1350 W
Dimensions	790 x 610 x 1260 h mm
Net weight	49 kg

0203 € 582,00

BENCH PART WASHER

For washing with water/solvent, with a Venturium pneumatic gun





Dimensions	770 x 595 x 700h mm
Tank capacity	4 ÷ 9 l
Avg air cons.	5 SCFM 145 l / min
Working area	765 x 560 x 380 mm
Power	30 W
Washing pressure	5 ÷ 8 Bar
Power	230 V 50 Hz
Net weight	32 kg

0486 € 545,00

PARTS WASHER WITH DUAL PUMP






Left tank internal dimensions	470 x 520 x 270 mm
Right tank internal dimensions	590 x 520 x 270 mm
Tub capacity	150 l
Pump	230V 50Hz 26 + 26 W
Pump capacity	10 ÷ 12 l/min
Size	1140 x 550 x 880 h mm
Net weight	43 kg

0038 € 283,00

DEGREASER CLEANING TANK

75L capacity, with 26w pump, cleaning brush and hose, workpiece tray.





Internal tank dimensions	710 x 480 x 260h mm
Tub capacity	75 l
Pump	230 V 50 Hz 26 W
Pump capacity	10-12 l / min
Dimensions	775 x 540 x 880 h mm
Net weight	25 kg

0232 € 357,00

DEGREASER CLEANING TANK WITH WHEEL



Internal tank dimensions	710 x 480 x 200 h mm
Tub capacity	60 l
Pump	230 V 50 Hz 26 W
Pump capacity	10 ÷ 12 l / min
Dimensions	970 x 540 x 930 h mm
Net weight	35 kg

0632 € 805,00

DEGREASER CLEANING PNEUMATIC TANK



Internal tank dimensions	710 x 480 x 200 h mm
Height	1015 mm
Tank capacity	50 l
Tub capacity	65 l
Power pressure	6 Bar
Maximum tank pressure	0.5 Bar
Net weight	38 kg

0392 € 384,00

BENCH MICRO CLEANER

For wall mounting



Capacity	14 l
Neon light	24 V 8 W
Pump	230 V 50 Hz 26 W
Pump capacity	10 ÷ 12 l / min
Dimensions	560 x 545 x 635 h mm
Net weight	25 kg

0211 € 508,00

TEAR-DOWN WORKBENCH WITH FLUID RECOVERY

Provided in assembly kit, with one drawer equipped with lock, removable bowl and pivoting wheels, 2 with safety brake







Dimensions	1200 x 640 x 872h mm
Working table dimensions	1190 x 635 x 15h mm
Drawer dimensions	420 x 340 x 120h mm
Internal tank dimensions	360 x 260 x 115h mm
Internal shelf height	445 mm
Maximum capacity with wheels	280 kg
Maximum capacity without wheels	350 kg
Net weight	64 kg

0233 € 261,00

MOBILE PARTS WASHER

Made of ABS with rubber seals in NBR.



Internal tank dimensions	460 x 660 x 260 mm
Capacity	9 l
Pump	230 V 50 Hz 16 W

0632-

DETERGENT LIQUID



Art.	€	Contents	Specification
0632/D	€ 143,00	25 l	Solvent base
0632/DA	€ 191,00	25 l	Water dilutable max. 50%
0632/DCF	€ 105,00	25 l	Water dilutable max. 20%, hot usage

0632/01 — € 9,00

PARTS WASHER BRUSH

Not suitable for hydrocarbon based products



Length	280 mm
Diameter	35 mm
Shank	20mm x Ø10mm

0305/0203/1118 — € 35,00

PAIR OF GLOVES FOR PARTS WASHERS

Not suitable for hydrocarbon based products



Length	540 mm

A024/10 — € 69,90

WET AND DRY VACUUM CLEANER

With ABS tank, blower function, equipped with accessories.





Power	1,2 kW
Capacity	10 l
Motor	230 V 50 Hz
Air flow	30 ± 2 l/s
Net weight	3,7 kg

A025/30 — € 104,00

WET AND DRY VACUUM CLEANER

With stainless steel tank, blower function, equipped with accessories







Power	1,2 kW
Capacity	30 l
Motor	230 V 50 Hz
Air flow	28 l / s
Net weight	6 kg

A040/30A — € 182,00

INDUSTRIAL WET AND DRY VACUUM CLEANER EQUIPPED OF ACCESSORIES

For industrial use, with socket for electronic devices







Power	1.4 kW
Capacity	30 l
Motors	1 (230 V 50 Hz)
Air flow	35 l / s
Power socket	1600 W
Net weight	7,5 kg

A040/60A — € 296,00

INDUSTRIAL WET AND DRY VACUUM CLEANER EQUIPPED OF ACCESSORIES

For industrial use, with socket for electronic devices





Power	1,4 kW
Capacity	60 l
Motors	1 (230 V 50 Hz)
Air flow	46 l / s
Power socket	1600 W
Net weight	13 kg

A024/602 — € 287,00

60L 2 MOTORS WET AND DRY VACUUM CLEANER

With ABS tank, equipped with accessories.





Power	2,8 kW
Capacity	60 l
Motors	2 (230 V 50 Hz)
Air flow	30 ±2 l/s
Net weight	12,5 kg

A040/802 — € 519,00

80L 2 MOTORS INDUSTRIAL WET AND DRY VACUUM CLEANER

For industrial use, equipped with accessories





Power	2 kW
Capacity	80 l
Motors	2 (230 V 50 Hz)
Air flow	75 l / s
Dimensions	600 x 580 x 950 mm
Net weight	25 kg

A040/803 — € 642,00

80L 3 MOTORS INDUSTRIAL WET AND DRY VACUUM CLEANER

For industrial use, equipped of accessories





Power	3 kW
Capacity	80 l
Motors	3 (230 V 50 Hz)
Air flow	96 l / s
Dimensions	600 x 580 x 950 mm
Net weight	28 kg

ACAS/001 € 10,20

INLET SPONGE FILTER SET FOR VACUUM CLEANER



ACAS/002 € 14,40

HEPA FILTER FOR VACUUM CLEANER



ACAS/003 € 10,20

FLEXIBLE HOSE FOR VACUUM CLEANER

Spare parts	1.5 m hose



ACAS/004 € 14,40

METAL EXTENSION PIPE FOR VACUUM CLEANER



ACAS/005 € 10,20

PAIR OF PLASTIC TUBES FOR VACUUM CLEANER



ACAS/006 € 10,20

INLET SPONGE FILTER SET FOR VACUUM CLEANER



ACAS/007 € 10,20

FILTER FOR VACUUM CLEANER



ACAS/008 € 22,60

PAPER BAG SET FOR VACUUM CLEANER



ACAS/009 € 10,20

FLEXIBLE HOSE FOR VACUUM CLEANER



ACAS/010 € 10,20

BIG BRUSH FOR VACUUM CLEANER



ACAS/011 € 6,20

MULTI FUNCTION BRUSH FOR VACUUM CLEANER



ACAS/012 € 21,20

PAPER BAG SET FOR VACUUM CLEANER



ACAS/013 € 20,60

BAG SET

In paper for vacuum cleaner.



ACAS/014 € 10,20

PLASTIC TUBE SET

For vacuum cleaner



ACAS/015 € 9,20

SMALL BRUSH

For vacuum cleaner.



ACAS/017 € 10,20

INLET SPONGE FILTER SET

For vacuum cleaner.



A040/8037 € 18,50

FLEXIBLE HOSE FOR VACUUM CLEANER



A040/8040 € 26,70

PAIR OF METAL TUBES FOR VACUUM CLEANER

Letter	F
Spare parts	Couple of metal pipe



A040/8047U € 14,40

WET BRUSH FOR VACUUM CLEANER



A040/8047S € 13,30

DRY BRUSH FOR VACUUM CLEANERS



A040/8029 € 15,40

FILTER FOR VACUUM CLEANER



A040/8046 € 5,10

SHORT TIP FOR VACUUM CLEANER

Letter	D
Spare parts	Straight nozzle



A040/8048 € 8,30

ROUND BRUSH FOR VACUUM CLEANER



M041 PRO € 7290,00

PORTABLE PNEUMATIC DOT MARKING MACHINE

With touch screen computer



Working area	110 x 40 mm
Working speed	3 - 5 Caracters / sec
Workpiece allowed hardness	≤HRC62
Net weight	65 kg

M040 PRO € 6050,00

PNEUMATIC DOT MARKING MACHINE

Usb port, windows xp and windows 7 32 bit software





Working area	110 x 80 mm
Working speed	30 - 40 mm / sec
Table dimensions	320 x 300 mm
Workpiece allowed hardness	≤HRC62
Net weight	60 kg

M040/CF € 133,00

WIRE CONTROL FOR DOT MARKING MACHINE



M040/CP € 287,00

FOOT CONTROL FOR DOT MARKING MACHINE



M040/D € 1930,00

DIVIDER FOR DOT MARKING MACHINE



M040/SA € 154,00

SHAFTS SUPPORT FOR DOT MARKING MACHINE



M040/SP € 352,00

SUPPORT FOR PLATES FOR DOT MARKING MACHINE



M040/ST € 133,00

TUBE SUPPORT FOR DOT MARKING MACHINE



P012-L

HRC 58-60 LETTERS



Art.	€	Punch dimensions	Shank dimensions
P012/L03	€ 17,30	3 mm	6 x 6 x 60h mm
P012/L04	€ 18,00	4 mm	7 x 7 x 61h mm
P012/L05	€ 20,20	5 mm	7,5 x 7,5 x 61h mm
P012/L06	€ 22,60	6 mm	8,8 x 8,8 x 63h mm
P012/L08	€ 29,50	8 mm	10 x 10 x 66h mm

P012-LxP

HRC 58-60 LETTERS

Micro stress



Art.	€	Punch dimensions	Shank dimensions
P012/L03P	€ 37,70	3 mm	7 x 7 x 61h mm
P012/L04P	€ 41,00	4 mm	7,5 x 7,5 x 61h mm
P012/L05P	€ 45,60	5 mm	8,8 x 8,8 x 63h mm
P012/L06P	€ 53,40	6 mm	10 x 10 x 66h mm
P012/L08P	€ 90,30	8 mm	12 x 12 x 70h mm

P012-N

NUMBERS HRC 58-60



Art.	€	Punch dimensions	Shank dimensions
P012/N03	€ 9,50	3 mm	6 x 6 x 60h mm
P012/N04	€ 10,60	4 mm	7 x 7 x 61h mm
P012/N05	€ 11,50	5 mm	7,5 x 7,5 x 61h mm
P012/N06	€ 12,70	6 mm	8,8 x 8,8 x 63h mm
P012/N08	€ 13,90	8 mm	10 x 10 x 66h mm

P012-NxP

NUMBERS HRC 58-60

Micro stress



Art.	€	Punch dimensions	Shank dimensions
P012/N03P	€ 17,30	3 mm	7 x 7 x 61h mm
P012/N04P	€ 20,70	4 mm	7,5 x 7,5 x 61h mm
P012/N05P	€ 25,90	5 mm	8,8 x 8,8 x 63h mm
P012/N06P	€ 29,70	6 mm	10 x 10 x 66h mm
P012/N08P	€ 35,50	8 mm	12 x 12 x 70h mm

P021 € 25,40

ELECTRIC ENGRAVER

On battery, with 2 diamond tip Ø 2.35mm, light weight easy to use, suitable for engraving glass, ceramic, plastic, wood, inox, brass, aluminum, soft steel.



Speed	20000 rpm
Length	160 mm
Not included batteries	2 x 1,5 V AAA

P002 € 4,10

ENGINEER' S SCRIBER WITH METAL BODY AND HARD-METAL POINT



Length	153 mm

P005 € 4,69

STEEL ENGINEER'S SCRIBER



Length	270 mm

P039 € 7,20

ENGINEER' S SCRIBER

With metal body and hard-metal point.



Telescopic	
Length	150 mm

P020 € 28,50

ELECTRIC VIBRATING ENGRAVER

With vibration adjustment, suitable for engraving glass, ceramic, plastic, wood, inox, brass, aluminum, soft steel



Vibrations	7200 / min
Power	230 V 50 Hz 13 W

P039/PR € 5,10

SET HARD-METAL POINT

2 Pcs

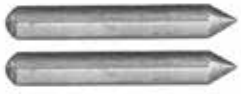


Length	40 mm

P020/P € 7,90

SPARE PART BIT SET

2 Pcs





PRESSES







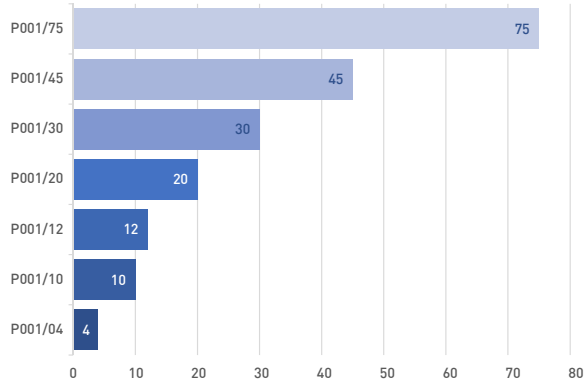




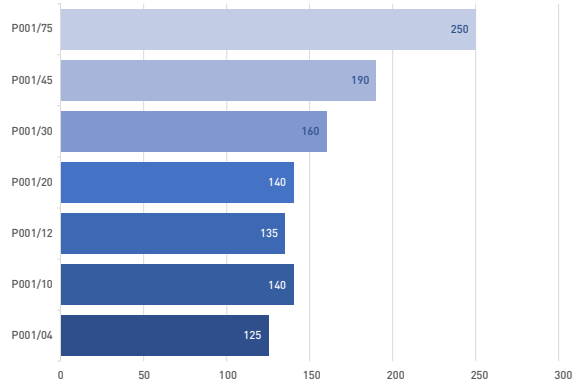




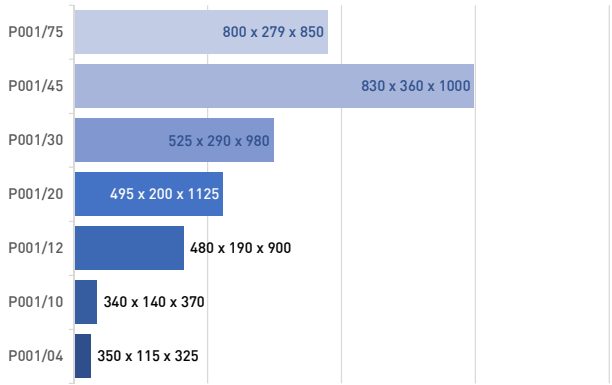
Capacity (Ton)



Ram stroke (mm)



Working area



P001/75 — € 5480,00

PNEUMATIC HYDRAULIC SHOP PRESS

Equipped with mobile piston with trolley, with winch for table handling, two speed manual control and pneumatic servo pump with foot control.







Capacity	75000 kg
Working area	800 x 279 x 850 h mm
Ram Ø	125 mm
Ram diameter	78 mm
Ram stroke	250 mm
Working pressure	0,75 ÷ 0,85 MPa
Dimensions	1140 x 800 x 1896 h mm
Net weight	460 kg

P001/45 — € 2860,00

HYDRAULIC SHOP PRESS WITH MANUAL PNEUMATIC CONTROL

Equipped with mobile piston with trolley, with winch for bench movement, manual control and pneumatic servo pump with hand control







Capacity	45000 kg
Working area	830 x 360 x 1000 h mm
Cylinder Ø	90 mm
Ram Ø	58 mm
Ram stroke	190 mm
Working pressure	7÷ 8 Bar
Max. pressure	63,5 MPa
Dimensions	1400 x 800 x 1700 h mm
Net weight	330 kg

P001/30 — € 1130,00

HYDRAULIC SHOP PRESS

With two speed pump and movable piston







Capacity	30000 kg
Working area	525 x 290 x 980h mm
Cylinder Ø	92 mm
Ram Ø	56 mm
Ram stroke	160 mm
Max. pressure	69 MPa
Dimensions	875 x 700 x 1780 h mm
Net weight	145 kg

P001/20 — € 924,00

HYDRAULIC SHOP PRESS

With moveable piston







Capacity	20000 kg
Working area	495 x 200 x 1125 h mm
Cylinder Ø	75 mm
Ram Ø	48 mm
Ram stroke	140 mm
Max. pressure	69.3 MPa
Dimensions	690 x 600 x 1830 h mm
Net weight	94 kg

P001/12 — € 559,00

HYDRAULIC SHOP PRESS

With movable piston





Capacity	12000 kg
Working area	480 x 190 x 900 h mm
Cylinder Ø	56 mm
Ram Ø	38 mm
Ram stroke	135 mm
Max. pressure	69 MPa
Dimensions	730 x 550 x 1600 h mm
Net weight	60 kg

P001/10 — € 457,00

HYDRAULIC SHOP PRESS

With bench and movable piston







Capacity	10000 kg
Working area	340 x 140 x 370 h mm
Cylinder Ø	56 mm
Ram Ø	38 mm
Ram stroke	130 mm
Max. pressure	69 MPa
Dimensions	565 x 500 x 1040 h mm
Net weight	52 kg

P001/04 — € 305,00

HYDRAULIC SHOP PRESS

Counter top, 4 ton, for brearings







Capacity	4000 kg
Working area	350 x 115 x 325 h mm
Cylinder Ø	40 mm
Ram Ø	25 mm
Ram stroke	125 mm
Max. pressure	51 MPa
Dimensions	450 x 400 x 655 h mm
Net weight	30 kg

P022-

RATCHET ARBOR PRESS

With removeable revolving table

P022/05



P022/10



P022/20



Art.	€	Capacity	Max height piece	Max Ø piece	Arbor size	Net weight
P022/05	€ 92,40	5000 N	90 mm	160 mm	19 x 19 mm	8 kg
P022/10	€ 130,00	10000 N	100 mm	180 mm	25 x 25 mm	12 kg
P022/20	€ 304,00	20000 N	170 mm	260 mm	30 x 30 mm	27 kg

P029-

RATCHET ARBOR PRESS

With removeable revolving table



Art.	€	Capacity	Dimensions	Max height piece	Max Ø piece	Arbor size	Net weight
P029/2	€ 347,00	15000 N	400 x 175 x 450h mm	210 mm	300 mm	31,5 x 31,5mm	42 kg
P029/3	€ 439,00	25000 N	450 x 200 x 570h mm	310 mm	300 mm	37,8 x 37,8mm	60 kg

P028-

HAND PUNCH

With spring loaded return



Art.	€	Capacity	Dimensions	Max height piece	Max Ø piece	Spindle travel	Net weight
P028/07	€ 137,00	1500 N	240 x 155 x 335h mm	170 mm	150 mm	60 mm	8,5 kg
P028/14	€ 232,00	2000 N	280 x 170 x 760h mm	275 mm	180 mm	70 mm	18 kg

0485 € 100,00

SHOP PRESS PIN SET

Of 20t and 30t.



8 Pcs

Pins head size	24,7 mm

0054/10 — € 385,00

HYDRAULIC BODY FRAME REPAIR KIT



Capacity	10 ton
Ram length	330 mm
Ram stroke	130 mm
Net weight	30 kg

0054/4 — € 310,00

HYDRAULIC BODY FRAME REPAIR KIT



Capacity	4 ton
Ram length	270 mm
Ram stroke	120 mm
Net weight	19 kg

0664 — € 349,00

HYDRAULIC PUMP WITH PNEUMATIC PEDAL CONTROL

Useful for shop press, trolley jacks and rams



Rated pressure	70 MPa
Working pressure	7 ÷ 8 bar
Usable oil capacity	690 c.c.
Air consumption	10 SCFM
Net weight	8 kg

0271 — € 142,00

HYDRAULIC PUMP

With pump activation pedal.



Rated pressure	63,7 MPa
Usable oil capacity	790 ml
Hose length	1500mm
Net weight	7 kg

0663 — € 127,00

PULL BACK RAM



Capacity	5 ton
Length Closed	560 mm
Length Open	690 mm
Spindle	Ø 33 mm
Swing	130 mm
Net weight	5,5 kg

0567 € 103,00

LOW PROFILE HYDRAULIC TROLLEY JACK

2 tons, made of steel



Capacity	2 ton
Lifting	90 ÷ 385 mm
Dimensions	580 x 165 x 235 h mm
Net weight	13 kg

0457 € 576,00

LOW PROFILE JACK

2 tons, made of steel, with round handle.



Capacity	2 ton
Lifting	70 ÷ 500 mm
Dimensions	785 x 350 x 152 mm
Net weight	41 kg

0369 € 358,00

HYDRAULIC TROLLEY JACK

Dual pump, with removeable saddle and rubber pad



Capacity	3,5 ton
Dimensions	745 x 335 x 180 mm
Lifting	110 ÷ 560 mm
Net weight	46 kg

0375A € 295,00

LOW PROFILE HYDRAULIC TROLLEY JACK

2,5 ton, double pump quick lift, with load limiter.



Capacity	2.5 ton
Lifting	75 ÷ 500 mm
Dimensions	680 x 345 x 220 h mm
Net weight	32,5 kg

0065A NEW € 249,00

HYDRAULIC TROLLEY JACK

With removable saddle.



Capacity	3 ton
Dimensions	660 x 345 x 260 mm
Lifting	140 ÷ 515 mm
Net weight	33 kg

C038/30 € 185,00

HYDRAULIC TROLLEY JACK



Capacity	3 ton
Dimensions	572 x 328 x 175h mm
Lifting	130 ÷ 465 mm
Net weight	28 kg

0060 € 76,10

HYDRAULIC TROLLEY JACK

Metal body frame. Handle for hand carrying. Extendable lever.



Capacity	2 ton
Dimensions	535 x 225 x 145 mm
Lifting	135 ÷ 385 mm
Net weight	11 kg

C039/25 € 315,00

HYDRAULIC TROLLEY JACK

Aluminium and steel hydraulic trolley jack with double pump



Capacity	2.5 ton
Dimensions	659 x 289 x 165 h mm
Lifting	110 ÷ 460 mm
Net weight	27 kg

C039/15 € 228,00

HYDRAULIC TROLLEY JACK

Aluminium and steel hydraulic trolley jack with double pump



Capacity	1,5 ton
Dimensions	490 x 270 x 130 h mm
Lifting	90 ÷ 358 mm
Net weight	15 kg

0658 € 858,00

HYDRAULIC JACK



Capacity	10 ton
Lifting range of foot	30 ÷ 260 mm
Lifting range of head	420 ÷ 665 mm
Net weight	30 kg

0067 € 29,20

COUPLE JACK STAND

Height adjustable with fixing pin.



Capacity	2 ton
Heigths	240 - 270 - 320 - 365 mm
Net weight	3 kg

0069-

COUPLE JACK STAND



Art.	€	Capacity	Height min - max	Base dimensions	Net weight
0069/3	**€ 48,20**	3 ton	298 ÷ 428 mm	190 x 210 mm	6,5 kg
0069/6	**€ 89,60**	6 ton	400 ÷ 610 mm	260 x 285 mm	13 kg
0069/10	**€ 197,00**	10 ton	468 ÷ 718 mm	290 x 328 mm	29 kg

0021/1 NEW € 554,00

HYDRAULIC FOLDING CRANE

With two pivoting wheels with brakes, cast iron wheels. Lowering system and pumping lever arranged laterally. The ability to fold the legs when not in use allows it to be stored in confined spaces.



Capacity	1000 kg
Dimensions	1540 x 1020 x 1550h mm
Fold dimensions	490 x 510 x 1520h mm
Min/max boom extension	810 ÷ 1090 mm
Hook heights with raised arm	1900 mm @ 1000 kg | 2080 mm @ 250 kg
Hook heights with lowered arm	0 mm @ 250 kg | 240 mm @ 1000 kg
Front opening	1030 mm
Net weight	64,5 kg

0021/2 NEW € 678,00

HYDRAULIC FOLDING CRANE

With two pivoting wheels with brakes, cast iron wheels. Lowering system and pumping lever arranged laterally. The ability to fold the legs when not in use allows it to be stored in confined spaces.



Capacity	2000 kg
Dimensions	1760 x 1031 x 1600h mm
Fold dimensions	855 x 720 x 1610h mm
Min/max boom extension	750÷ 1280 mm
Hook heights with raised arm	1980 mm @ 2000 kg | 2450 mm @ 500 kg
Hook heights with lowered arm	0 mm @ 500 kg | 300 mm @ 2000 kg
Front opening	1050 mm
Net weight	90,5 kg

0063 € 695,00

HYDRAULIC FOLDING CRANE

With two pivoting wheels and rear pad brake, lowering system and pumping lever placed in the rear, cast iron wheels. The ability to fold the legs when not in use allows it to be stored in confined spaces.



Capacity	1000 kg
Dimensions	1800 x 1000 x 1500h mm
Fold dimensions	800 x 860 x 1600h mm
Min/max boom extension	680 ÷ 1220 mm
Hook heights with raised arm	2100 mm @ 1000 kg | 2550 mm @ 250 kg
Hook heights with lowered arm	0 mm @ 250 kg | 480 mm @ 1000 kg
Front opening	800 mm
Net weight	90 kg

0094 € 348,00

TRANSMISSION JACK

With load limiter, cross support and tilt support to better align and position gearboxes and differentials.



Capacity	500 kg
Dimensions	1190 × 700 × 660 mm
Min - Max height	1190 ÷ 2000 mm
Net weight	32,5 kg

S033 NEW € 164,00

ENGINE STAND

2 swivel wheels with brake and 2 fixed cast iron wheels, possibility to tilt the engine. Equipped with rotating small parts shelf





Capacity	600 kg
Dimensions	1230 x 850 x 930 mm
Net weight	27,5 kg

S068 NEW € 209,00

ENGINE STAND

2 swivel wheels with brake and 2 fixed cast iron wheels, possibility to tilt the engine. The ability to fold it when not in use allows it to be stored in confined spaces.





Capacity	680 kg
Dimensions	860 x 830 x 870 mm
Net weight	31 kg

S019 € 149,00

ENGINE STAND

2 wheels with breaks and 2 fix wheels, possibility to tilt the motor







Capacity	450 kg
Dimensions	865 x 810 x 870 mm
Net weight	21 kg

S024 € 143,00

ENGINE SUPPORT

Engine support holds your engine or transmission in place during heavy automotive repairs, used to support the engine while removing gear box, transmission, replacing clutch and all motor mounts. rubber feet for safe hold of motor, easy regulation for hold engine in its place in the car. swivel and tilting holders.



Capacity	500 kg
Adjusting height	205 mm
Bed length	730 ÷ 1480 mm
Net weight	13 kg

0147 € 59,70

SHOP CRANE LEVELER

Shop crane and crane leveler, easy to use, just crank to level, tilts forward and backward for easy motor mount alignment



Capacity	680 kg
Width	440 mm
Max stroke of slide	330 mm
Chain	350 mm
Net weight	5 kg

R015 € 168,00

CAR RAMPS SET

Set consisting of two solid ramps to facilitate work under vehicles. These small ramps are suitable for the most common models of small cars and SUVs or even longer vehicles. Made of polypropylene, the wedges are significantly more reliable than steel ramps. In addition, thanks to their non-slip structure, they offer excellent stability. Lightweight and well-shaped, the ramps are easy to transport and space-saving.

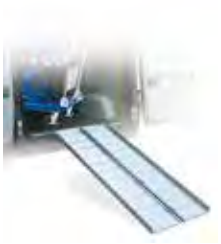


Dimensions	905 x 330 x 218 mm
Capacity	2,5 ton
Max tire width	240 mm
Min - Max height	170 mm
Tilting	15°
Net weight	8 kg

0649-

ALUMINUM RAMPS

In aluminum with non-slip floors. Load 170kg





Art.	€	Dimensions	Capacity	Max Working angle	Max Working height	Net weight
0649/1500	€ 380,00	1520 x 735 mm	170 kg	12,5 % (7°)	180 mm	13,5 kg
0649/1800	€ 472,00	1800 x 735 mm	150 kg	12,5 % (7°)	220 mm	16 kg

0598 € 20,60

PARKING GUIDE MAT

Made of polypropylene material



Dimensions	685 x 305 x 38 mm

0592 € 7,60

GARAGE WALL GUARD

Made of polypropylene material



Dimensions	640 x 165 x 15 mm

0594 € 147,00

OIL DRAINER WITHOUT TANK

With wheels, to use under lifts, for waste oil



Base dimensions	390 x 390 mm
Height max	1700 mm
Net weight	13 kg

0595 € 295,00

OIL DRAINER

With thank and wheels, to use under lifts, for waste oil



Tank capacity	70 l
Height min - max	1170 ÷ 1860 mm
Maximum tank pressure	0.45 bar
Net weight	23 kg

0596 € 473,00

PNEUMATIC OIL DRAINER

With wheels and different size of suction probes, for waste oil, for use under lifts too






Tank capacity	70 l
Measuring tank capacity	10 l
Height max	1500 mm
Metal probe	2 x Ø6 mm x 695 mm
Nylon probe	2 x Ø6 mm x 680 mm | 2 x Ø8 mm x 700 mm
Suction	Ø6 x 4,5 mm - 0,4 ÷ 0,8 l/min | Ø8 x 6,5 mm - 1 ÷ 1,6 l/min
Rubber hose length	Suction 1500 mm | Drain 2050 mm
Power pressure	8 ÷ 10 bar
Maximum tank pressure	0.45 bar
Net weight	25 kg

0630/2720 — € 1050,00

12V ELECTRIC WINCH - DIRECT CURRENT

Permanent magnet motor, metal frame, strong cable, with anti unwinding device and cable guide. To be used only for horizontal pulling, not suitable for lifting.



Rated line pull	2720 kg
Speed	1,3 - 4,5 m / min
Motor	12 V 1,3 kW 1,8 hp
Gear Reduction ratio	294:1
Cable size	Ø 7,2 mm x 32 m
Drum dimensions	Ø 63 x 228 mm
Overall dimensions	520 x 180 x 175h mm
Net weight	29 kg

0630/2200 — € 776,00

12V ELECTRIC WINCH - DIRECT CURRENT

Permanent magnet motor, metal frame, strong cable, with anti unwinding device and cable guide. To be used only for horizontal pulling, not suitable for lifting



Rated line pull	2000 kg
Speed	1,5 - 3,6 m / min
Motor	12 V 1,0 kW 1,3 hp
Gear reduction ratio	172:1
Cable size	Ø 6,4 mm x 14,5 m
Drum dimensions	Ø 45 x 97 mm
Overall dimensions	364 x 126 x 141h mm
Net weight	13 kg

0630/0900 — € 314,00

12V ELECTRIC WINCH - DIRECT CURRENT

Permanent magnet motor, metal frame, hook with pulley for double pull, resistant cable, with anti unwinding device and cable guide. To be used only for horizontal pulling, not suitable for lifting.



Rated line pull	450 / 900 kg
Speed	1,3 - 3,2 m / min
Motor	12 V 0,7 kW 0,9 hp
Gear reduction ratio	153:1
Cable size	Ø 4 mm x 15 m
Drum dimensions	Ø 31,5 x 73 mm
Overall dimensions	285 x 105 x 105h mm
Net weight	6.7 kg

0447 € 66,20

12V/2A INTELLIGENT DIGITAL BATTERY CHARGER

Recharge lead batteries, AMG, AL, GEL, WET, VRLA, MF. Microprocessor for automatic 3-stage charging. Charging mode 14.4V - 2A. Automatic commutation.





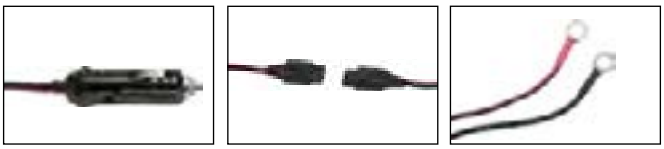
Power	220 ÷ 240 V, 50 ÷ 60 Hz
Power	14,4 V 4 A max
Battery	12 V
Usage time	Da -20°C a +50°C

0432 € 96,80

6-12V/4A INTELLIGENT DIGITAL BATTERY CHARGER

Recharge lead batteries, AMG, AL, GEL, WET, VRLA, MF. Microprocessor for a 9 step automatic recharge. Recharge mode 14.7V - 2A. Automatic commutation.





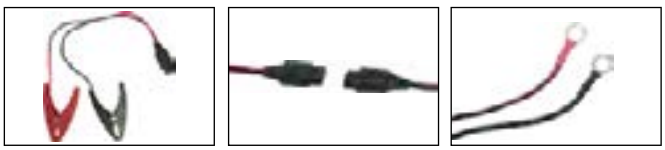
Power	230 V 50 ÷ 60 Hz
Power	14,7 V 4 A max
Operation mode motocycle	14.4 V 1 A
Operation mode auto	14.4 V 4 A
Operation mode winter	14.7 V 4 A
Operation mode battery charger	6 V : 7.2 V 4 A
Working temperature	-20°C a +50°C
Dimensions	145 x 56 x 230 mm
Battery	12 V, 6 V

0478 € 135,00

12V/8A INTELLIGENT DIGITAL BATTERY CHARGER

Suitable for charging all types of 12V lead-acid batteries including wet, gel and agm. This cahrger also charges batteries in cold conditions. With advanced 9-step charging programme, this charger recharges the batteries at almost 100% of their original capacity. It can automatically recovers slightly sulphated batteries. Charge and rescue drained batteries.





Power	230 V, 50 ÷ 60 Hz
Power	14.4 V, 8 A
Operation mode motocycle	14.4 V 2 A
Operation mode auto	14.4 V 8 A
Operation mode winter	14.7 V 8 A
power supply operating mode	13.5 V 5 A
Working temperature	from -20°C to +50°C
Dimensions	181 x 77 x 281 mm
Battery	12 V

0479 € 149,00

12V/2-6-12A INTELLIGENT DIGITAL BATTERY CHARGER

3 step, with socket for DC 12V 12A devices



Power	230V 50Hz
Power	12 V 2 - 6 - 12 A
Dimensions	218 x 165 x 238 mm
Working temperature	from -20°C to +50°C

S029 € 2630,00

ELECTRO-HYDRAULIC MOTORCYCLE LIFT







Max lifting capacity	600 kg
Platform dimensions	2200 x 750 mm
Total length	2995 mm
Service hole dimensions	550 x 340 mm
Min - Max height	260 - 520 - 625 - 710 - 780 - 840 mm
Vice	330 x 320 mm
Vice opening	40 ÷ 180 mm
Motor	230 V 50 Hz 550 W
Net weight	225 kg

S029P € 2850,00

ELECTRO-HYDRAULIC MOTORCYCLE LIFT

With pump and separate control system that give the possibility to position it at floor level.







Max lifting capacity	600 kg
Platform dimensions	2200 x 750 mm
Total length	2995 mm
Service hole dimensions	550 x 340 mm
Min - Max height	215 - 520 - 625 - 710 - 780 - 840 mm
Vice	330 x 320 mm
Vice opening	40 ÷ 180 mm
Motor	230 V 50 Hz 550 W
Net weight	240 kg

S027 € 2400,00

ELECTRO-HYDRAULIC MOTORCYCLE LIFT







Max lifting capacity	600 kg
Platform dimensions	1800 x 600 mm
Total length	2600 mm
Service hole dimensions	550 x 340 mm
Min - Max height	260 ÷ 880 mm
Vice	330 x 320 mm
Vice opening	40 ÷ 200 mm
Motor	230 V 50 Hz 550 W
Net weight	150 kg

S027ATV € 3190,00

ELECTRO-HYDRAULIC ATV & MOTORCYCLE LIFT







Max lifting capacity	600 kg
Platform dimensions	1800 x 1200 mm
Total length	2600 mm
Service hole dimensions	550 x 340 mm
Min - Max height	260 ÷ 880 mm
Vice	330 x 320 mm
Vice opening	40 ÷ 200 mm
Motor	230 V 50 Hz 550 W
Net weight	235 kg

S008/M — € 969,00

HYDRAULIC MOTORCYCLE LIFT TABLE

With foot pump





Max lifting capacity	400 kg
Platform dimensions	1825 x 660 mm
Total length	2500 mm
Min - Max height	195 ÷ 750 mm
Vice	270 x 100 mm
Vice opening	210 x 50 mm
Net weight	133 kg

S013 — € 1900,00

HYDRAULIC LIFT TABLE

With foot pu mp and pneumatic control





Max lifting capacity	600 kg
Platform dimensions	2000 x 1220 mm
Total length	2575 mm
Min - Max height	185 ÷ 825 mm
Net weight	230 kg

0452 — € 159,00

MOTORCYCLE SCISSORS LIFT

Scissor support stand suitable for use on the floor or on a motorcycle lift to repair bikes, with 2 height adjustable and removable sliding supports



Max lifting capacity	400 kg
Platform dimensions	470 x 150 mm
Min - Max height	95 ÷ 400
Stand height	55 - 80 mm
Hexagon	22 mm
Net weight	14 kg

0430 — € 266,00

MOTORCYCLE DOLLY

Powder coated steel. it is suitable for motorcycles and scooters that have the side stand. it allows you to move and to park your bike in tight spaces



Maximum capacity	300 kg
Length	1929 mm
Net weight	33 kg

0241 — € 103,00

MOTORCYCLE WHEEL BLOCK

Strong body, simple and easy use, adjustable wheel size, safety lock



Wheel sizes	15" - 21"
Overall dimensions	730 x 468 x 440h mm
Net weight	10 kg

0217 — € 206,00

VEHICLE POSITIONING JACK

With wheel positionig brakes



Capacity	680 kg
Lateral stroke	370 mm
Working range	710 - 340 mm
Max tire width	325 mm
Overall dimensions	730 x 468 x 440h mm
Net weight	15 kg

S017 — € 230,00

UNIVERSAL TELESCOPIC CART

Adjustable in height and length, made of square steel pipes, after use it can be stored in small space, upper sides with rubber to prevent scratches and give more stability to the leaned object, 4 swivel casters of which 2 with brake, ideal for the car body repair, for repairing and spraying area





Height min - max	840 ÷ 1320 mm
Length	225 ÷ 1380 mm
Width	860 mm
Capacity	100 kg
Net weight	26 kg

0645/S — € 56,70

SHOP SEAT

With pivoting wheels, tool holder base, seat with padding



Dimensions	368 x 360 x 365 mm
Net weight	3,8 kg

0645/CC — € 95,60

THREE-DRAWER CAR SEAT

Equipped with 3 drawers with bearings, 3 can trays and a small frontal tray, 4 pivoting wheels



Dimensions	370 x 400 x 367h mm
Drawer dimensions	3 - 150 x 300 x 40 h mm
Net weight	8 kg

0645/CP — € 70,50

PLASTIC CREEPER

Shockproof, with 6 wheels.



Dimensions	1000 x 470 x 120h mm
Net weight	4,8 kg

0645/C — € 63,30

6 WHEELS CAR CREEPER



Dimensions	1030 x 420 x 110h mm
Net weight	6,5 kg

0645/SS — € 69,60

2 IN 1 CREEPER AND SEAT



Creeper dimensions	1020 x 410 x 150h mm
Seat dimensions	550 x 410 x 500h mm
Net weight	9 kg

0256-

HYDRAULIC RAM



Art.	€	Maximum capacity	Working pressure	Min-max lifting height	Spindle	Ram stroke	Dimensions	Net weight
0256/05	**€ 58,00**	5 ton	63 Mpa	33 ÷ 39 mm	ø 24 mm	6 mm	45 x 95 mm	0,6 kg
0256/10	**€ 98,60**	10 ton	63.7 Mpa	44 ÷ 55 mm	ø 38 mm	11 mm	56 x 118 mm	1,3 kg
0256/20	**€ 121,00**	20 ton	63.7 Mpa	52 ÷ 63 mm	ø 50 mm	11 mm	76 x 138 mm	2,6 kg
0256/30	**€ 133,00**	30 ton	63.7 Mpa	60 ÷ 72 mm	ø 63 mm	12 mm	95 x 158 mm	4,4 kg
0256/50	**€ 190,00**	50 ton	63.7 Mpa	66 ÷ 78 mm	ø 70 mm	12 mm	118 x 186 mm	6,7 kg

0062-

BOTTLE JACK

Hydraulic jack. it provides an excellent stability thanks to its small size. easy to carry and use



Art.	€	Capacity	Min. height	Lifting	Adjusting height	Base dimensions	Ram diameter	Net weight
0062/2	**€ 26,30**	2 ton	181 mm	116 mm	48 mm	90 x 85 mm	Ø 22 mm	2,7 kg
0062/5	**€ 41,00**	5 ton	220 mm	127 mm	70 mm	115 x 100 mm	Ø 32 mm	4,3 kg
0062/10	**€ 55,10**	10 ton	230 mm	150 mm	80 mm	125 x 110 mm	Ø 40 mm	6,5 kg
0062/15	**€ 81,30**	15 ton	230 mm	150 mm	80 mm	140 x 135 mm	Ø 48 mm	8,3 kg
0062/20	**€ 92,80**	20 ton	242 mm	150 mm	60 mm	155 x 145 mm	Ø 53 mm	10,5 kg
0062/32	**€ 178,00**	32 ton	285 mm	180 mm	- mm	170 x 160 mm	Ø 56 mm	13,5 kg
0062/50	**€ 306,00**	50 ton	295 mm	180 mm	- mm	215 x 175 mm	Ø 85 mm	29 kg

0010 € 853,00

LIFT TROLLEY

With foldable handle, mechanical blocking system of the platform, swivel wheels with brakes







Capacity	500 kg
Table dimensions	850 x 500 x 50 mm
Lifting	290 ÷ 880 mm
Net weight	86 kg

0075 € 780,00

LIFT TROLLEY

With foldable handle with mechanical blocking system, swivel wheels with brakes







Capacity	300 kg
Table dimensions	850 x 500 x 50 mm
Lifting	290 ÷ 880 mm
Net weight	78 kg

0467 € 1010,00

HIGH LIFT TROLLEY

With double scissor action, mechanical blocking system of the platform, swivel wheels with brakes







Capacity	350 kg
Table dimensions	910 x 500 x 53 mm
Lifting	335 ÷ 1300 mm
Net weight	92 kg

C650 € 180,00

THREE SHELVES TROLLEY

Strong and easy to assemble, 2 swivel and 2 fixed casters



Dimensions	800 x 450 x 800h mm
Steel thickness	2 mm
Wheels	ø 80 mm
Capacity	100 kg
Net weight	23 kg

C750 € 296,00

THREE SHELVES TROLLEY

Strong and easy to assemble , 2 swivel and 2 fixed casters



Dimensions	940 x 600 x 870h mm
Steel thickness	2,3 mm
Wheels	ø 150 mm
Capacity	200 kg
Net weight	52 kg

C065/2 € 190,00

PP TWO SHELVES TOOL CART

Light weight, strong and easy to assemble , 2 swivel and 2 fixed casters



Dimensions	1010 x 440 x 840h mm
Wheels	ø 125 mm
Capacity	250 kg
Working temperature	-20 °C a +50 °C
Net weight	15,5 kg

C075/2 € 249,00

PP TWO SHELVES TOOL CART

Light weight, strong and easy to assemble , 2 swivel and 2 fixed casters



Dimensions	1170 x 652 x 840h mm
Wheels	ø 125 mm
Capacity	250 kg
Net weight	22,5 kg

C009 € 400,00

CART WITH WOODEN SHELF

Cart made of steel, with 2 fixed wheels and 2 swivel wheels with brake



Overall dimensions	1000 x 800 x 810 h mm
Steel thickness	2 mm
Plate thickness	36 mm
Wheels	ø 150 mm
Capacity	150 kg
Net weight	52 kg

Cx

PVC PLATFORM TROLLEY

With foldable handle, 2 fixed casters and 2 swivel casters



Art.	€	Wheels	Capacity	Platform dimensions	Height	Net weight
C150	**€ 70,50**	Ø 100 mm	150 kg	700 x 450 mm	820 mm	7,8 kg
C300	**€ 187,00**	Ø 125 mm	300 kg	900 x 600 mm	890 mm	13,4 kg

C1102 € 92,80

HAND TRUCK WITH PNEUMATIC WHEELS

For flower pots and boxes, safety handles, epoxy painting



Pneumatic wheels	Ø 260 x 85 mm
Capacity	200 kg
Toe plate dimensions	450 x 215 mm
Net weight	8,5 kg

C182 € 190,00

ALUMINUM HAND TRUCK WITH PNEUMATIC WHEELS

Aluminium



Pneumatic wheels	Ø 260 x 85 mm
Capacity	200 kg
Toe plate dimensions	300 x 205 mm
Net weight	6 kg

C189 € 94,40

MULTIFUNCTION HAND TRUCK

With pneumatic wheels for firewood, pots, boxes and other objects. strong, easy to handle and versatile. plastic handles





Pneumatic wheels	Ø 260 x 85 mm
Capacity	150 kg
Toe plate dimensions	400 x 250 mm
Movable grid	340 x 390 mm
Net weight	11,5 kg

0461 € 20,80

POLYURETHANE WHEEL

260 x 85mm not pierceable, with ø 20mm bearing and adapter from 20mm to 18mm, for hand trucks with 18-20mm wheel shaft.



Wheel sizes	250 x 75 mm
Hole sizes	ø 20 - 18 x 74 mm

P019 € 168,00

FOLDING ANTISLIP PLATFORM

Antislip professional, made of aluminum, easy to use, suitable for a wide range of activities in different sectors, such as: home, auto and othres



Capacity	150 kg
Dimensions	1260x380x500 mm
Platform dimensions	950x300 mm
Net weight	7,5 kg

0056-

CHAIN HOIST



Art.	€	Capacity	Lifting	Net weight
0056/1	€ 157,00	1000 kg	3000 mm	11 kg
0056/2	€ 233,00	2000 kg	3000 mm	20 kg

0237-

LEVER CHAIN HOIST



Art.	€	Capacity	Lifting	Net weight
0237/05	€ 190,00	500 kg	1500 mm	5 kg
0237/15	€ 282,00	1500 kg	1500 mm	10 kg

0236 € 92,40

HOIST ARM



Capacity	300 kg
Arm length	750 mm
Slot distance	380 mm
Stem	45 X 45 mm²
Net weight	6 kg

0602 € 287,00

ELECTRIC CABLE HOIST







Capacity	200 / 400 kg
Cable length	18 m
Speed	8 m/min
Motor	230 V 50 Hz 1 kW
Net weight	16,7 kg

0600 € 320,00

CABLE HOIST







Capacity	200 / 400 kg
Cable length	18 m
Speed	8 m / min
Motor	230 V 50 Hz 0,75 kW
Net weight	16,7 kg

Sx

MAGNETIC LIFTER

Neodymium.



Art.	€	Maximum capacity	Round bar lifting cap.	Min-max lifting diameter	Dimensions	Net weight
S0300	€ 580,00	300 kg	100 kg	50 ÷ 300 mm	189 x 163 x 92 (B) mm	9,5 kg
S0600	€ 907,00	600 kg	200 kg	70 ÷ 400 mm	267 x 198 x 129 (B) mm	19 kg
S1000	€ 1370,00	1000 kg	330 kg	75 ÷ 450 mm	350 x 277 x 156 (B) mm	36 kg

PDC4-

CHAIN SLINGS

Grade 80 alloy steel with shortening hook, security factor 4:1, the vertical capacity is calculated on 3 arms only because the fourth arm is necessary only to equilibrate the loading. EN 818-4.



Art.	€	Length	Capacity 0°	Capacity 45°	Chain	Hook
PDC4/7/2	€ 425,00	2000 mm	3150	2240	ø 7 mm	SLF
PDC4/7/3	€ 490,00	3000 mm	3150	2240	ø 7 mm	SLF
PDC4/7/4	€ 553,00	4000 mm	3150	2240	ø 7 mm	SLF
PDC4/10/2	€ 844,00	2000 mm	6700	4750	ø 10 mm	SLF
PDC4/10/3	€ 930,00	3000 mm	6700	4750	ø 10 mm	SLF
PDC4/10/4	€ 1060,00	4000 mm	6700	4750	ø 10 mm	SLF

PDC2-

CHAIN SLINGS

Grade 80 alloy steel, with shortening hooks, security factor 4:1. EN 818-4.



Art.	€	Length	Capacity 0°	Capacity 45°	Chain	Hook
PDC2/7/2	€ 206,00	2000 mm	2120	1500	ø 7 mm	SLF
PDC2/7/3	€ 219,00	3000 mm	2120	1500	ø 7 mm	SLF
PDC2/7/4	€ 247,00	4000 mm	2120	1500	ø 7 mm	SLF
PDC2/10/2	€ 315,00	2000 mm	4250	3150	ø 10 mm	SLF
PDC2/10/3	€ 348,00	3000 mm	4250	3150	ø 10 mm	SLF
PDC2/10/4	€ 418,00	4000 mm	4250	3150	ø 10 mm	SLF

PDC1-

CHAIN SLINGS

Grade 80 alloy steel, with shortening hook, security factor 4:1. EN 818-4.



Art.	€	Length	Vertical capacity	Chain	Hook
PDC1/7/1	€ 83,70	1000 mm	1500 kg	ø 7 mm	SLF
PDC1/7/2	€ 95,60	2000 mm	1500 kg	ø 7 mm	SLF
PDC1/10/1	€ 125,00	1000 mm	3150 kg	ø 10 mm	SLF
PDC1/10/2	€ 147,00	2000 mm	3150 kg	ø 10 mm	SLF

AN2G/12/1 — € 88,80

2 STEEL ARMS PENDING



Rope	ø 12 mm
Length	1000 mm
Capacity	30° 2600 kg
Capacity	90° 2100 kg

0635/25 — € 14,30

LASHING SYSTEM WITH POLYESTERE RIBBON DRAFT

EN 12195-2.



Strap ribbon mm 25 with turnbuckle and 2 hooks	4,00 + 0,30 m
Capacity	250 kg

06x

LASHING SYSTEM WITH POLYESTER RIBBON DRAFT

EN 12195-2.



Art.	€	Strap ribbon with turnbuckle	Ribbon width	Capacity	Hooks
0635	€ 29,40	5,50 + 0,50 m	35 mm	1000 kg	2
0650	€ 41,00	8,00 + 0,50 m	50 mm	2000 kg	2
0675	€ 206,00	10,00 + 1,00 m	75 mm	3000 kg	2

x-1000

POLYESTER COLORED SLINGS

Double layer band lifting system, standard, security factor 7:1. EN 1492-1.

Art.	€	m	Width	Color	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/1000	€ 14,20	1	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
2/1000	€ 19,00	2	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
3/1000	€ 22,50	3	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
4/1000	€ 27,20	4	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg



x-2000

POLYESTER COLORED SLINGS

Double layer band lifting system, security factor 7:1. EN 1492-1.

Art.	€	m	Width	Color	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/2000	€ 18,20	1	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
2/2000	€ 26,10	2	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
3/2000	€ 33,90	3	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
4/2000	€ 41,00	4	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
5/2000	€ 51,60	5	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
6/2000	€ 60,40	6	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg



x-3000

POLYESTER COLORED SLINGS

Double layer band lifting system, security factor 7:1. EN 1492-1.

Art.	€	m	Width	Color	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/3000	€ 24,90	1	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
2/3000	€ 35,20	2	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
3/3000	€ 49,20	3	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
4/3000	€ 60,40	4	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
5/3000	€ 69,60	5	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
6/3000	€ 81,30	6	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg



FTx-1000

POLYESTER ROUND SLINGS

External sleeve security factor 7:1. EN 1492-2.

Art.	€	Ring	Color	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/1000	€ 7,20	1 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT2/1000	€ 10,10	2 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT3/1000	€ 14,30	3 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT4/1000	€ 18,40	4 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT5/1000	€ 22,50	5 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT6/1000	€ 26,80	6 m	Purple	1000 kg	2000 kg	1400	1000	800 kg



FTx-2000

POLYESTER ROUND SLINGS

External sleeve security factor 7:1. EN 1492-2.

Art.	€	Ring	Color	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/2000	€ 10,10	1 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT2/2000	€ 12,50	2 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT3/2000	€ 21,00	3 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT4/2000	€ 26,60	4 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT5/2000	€ 29,50	5 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT6/2000	€ 35,20	6 m	Green	2000 kg	4000 kg	2800	2000	1600 kg



FTx-3000

POLYESTER ROUND SLINGS

External sleeve security factor 7:1. EN 1492-2.

Art.	€	Ring	Color	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/3000	€ 12,50	1 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT2/3000	€ 18,50	2 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT3/3000	€ 26,60	3 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT4/3000	€ 34,60	4 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT5/3000	€ 40,40	5 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT6/3000	€ 50,60	6 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg



0791-

WIRE ROPE PULLING HOIST

For pulling and lifting



Art.	€	Max load	Cable	Net weight
0791/08	€ 373,00	800 kg	ø 8,3mm x 20m	11 kg
0791/16	€ 504,00	1600 kg	ø 11mm x 20m	24 kg
0791/32	€ 986,00	3200 kg	ø 16mm x 20m	50 kg

0066 € 34,90

DOUBLE RATCHET HAND PULLER



Max load	800 kg
Cable diameter	ø 5 mm
Max length	2 m
Net weight	2,7 kg

0070/C € 45,80

GEARED HAND WINCH

Zinc-plated



Max load	500 kg
Throat width	50 mm
Max ø wheel	133 mm
Min. ø wheel	40 mm
Cable size	ø 4,5 mm x 10 m
Base dimensions	140 x 90 mm

0070 € 35,30

GEARED HAND WINCH

Frame in galvanized steel. Ergonomic handle



Max load	500 kg
Throat width	50 mm
Max ø wheel	133 mm
Min. ø wheel	40 mm
Base dimensions	140 x 90 mm

0590 € 74,00

HAND OPERATED WINCH WITH BRAKE



Max load	450 kg
Throat width	49 mm
Max ø wheel	110 mm
Min. ø wheel	45 mm
Overall dimensions without handle	170 x 150 x 125h mm



0068/S — € 3510,00

TRUCK PALLET WITH SCALE AND PRINTER

Not legal for trade - tare function powered by rechargeable battery - polyurethane tire





Capacity	2000 kg
Weight capacity	2000 kg
Fork height	88 ÷ 200 mm
Fork dimensions	1150 x 568 mm
Reading	1 kg
Accuracy	±2 kg
Printer	Si/Yes
Front wheel	Doppia/Double
Net weight	160 kg

0068L — € 2340,00

TRUCK PALLET WITH SCALE

Truck pallet with scale not legal for trade - tare function powered by replaceable batteries





Capacity	2000 kg
Weight capacity	2000 kg
Fork height	85 ÷ 175 mm
Fork dimensions	1150 x 570 mm
Reading	0,5 kg
Accuracy	±0,05% kg
Front wheel	Double
Net weight	125 kg

0028R — € 686,00

LOWERED MANUAL PALLET TRUCK

With polyurethane wheels.



Capacity	2500 kg
Fork height	63 ÷ 165 mm
Fork dimensions	1150 x 540 mm
Armor plate thickness	3 mm
Front wheel	Double
Net weight	68,5 kg

0028 — € 597,00

MANUAL TRUCK -PALLET

Polyurethane



Capacity	2500 kg
Fork height	85 ÷ 200 mm
Fork dimensions	1150 x 540 mm
Armor plate thickness	3 mm
Front wheel	Double
Net weight	71,5 kg

0064 — € 690,00

MANUAL TRUCK -PALLET

Polyurethane



Capacity	2500 kg
Fork height	85 ÷ 200 mm
Fork dimensions	900 x 540 mm
Armor plate thickness	3 mm
Front wheel	Single
Net weight	68,5 kg

S2/800 — € 1190,00

HIGH LIFT TRUCK-PALLET

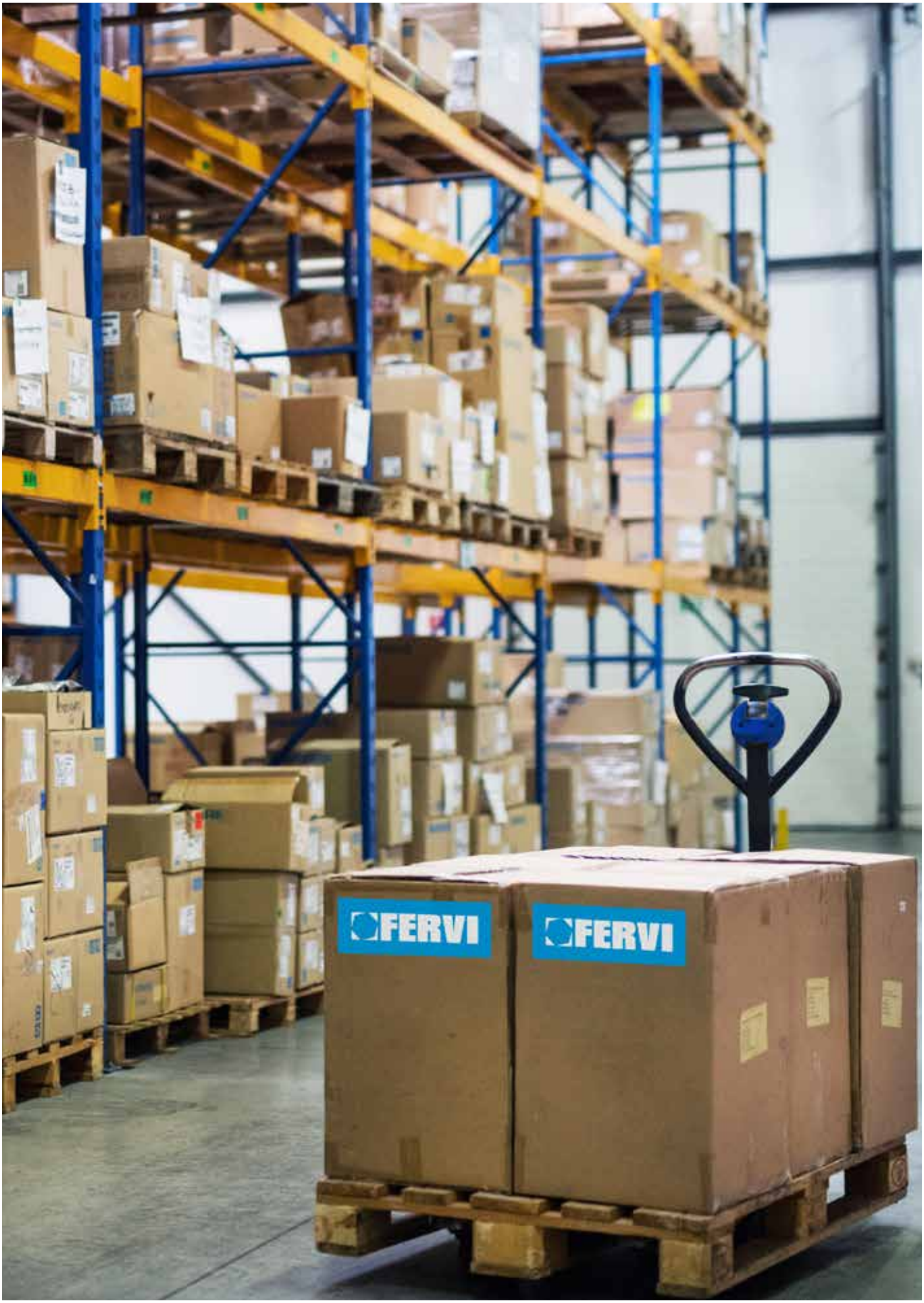
Scissors







Capacity	1000 kg
Fork height	85 ÷ 800 mm
Fork dimensions	1170 x 540 mm
Tire	Polyurethane
Front wheel	Single
Net weight	117 kg


FERVI
FERVI

0782 — € 1130,00

PLATFORM STACKER WITH FORKS







Capacity	400 kg
Fork height	85 ÷ 1500 mm
Fork dimensions	545 x 650 mm
Platform	576 x 650 mm
Mobile wheels	Ø 127 x 40 mm
Fix wheels	Ø 75 x 40 mm
Tire	Polyurethane
Dimensions	1100 x 600 x 1725h mm
Net weight	95 kg

0143A — € 1910,00

MANUAL STACKER

With brake and lifting foot pedal







Capacity	1000 kg
Fork height	90 ÷ 1600 mm
Fork dimensions	1150 x 550 mm
Fork section	160 x 55 mm
Upright height	2100 mm
Tire	Polyurethane
Front wheel	Double
Dimensions	920 x 1670 x 2100h mm
Net weight	250 kg

0143/25 — € 2110,00

MANUAL STACKER

With double telescopic mast, brake and lifting pedal







Capacity	1000 / 800 kg
Fork height	75 ÷ 1600 ÷ 2500 mm
Fork dimensions	1150 x 550 mm
Fork section	160 x 55 mm
Upright height	1840 mm
Tire	Polyurethane
Front wheel	Double
Dimensions	1670 x 920 x 1840h mm
Net weight	310 kg

0654-xL

TRANSPORT TROLLEY

With nylon wheels and hook for towing



Art.	€	Capacity	Working height	Roller dimensions	Wheels	Table dimensions	Handle length	Handle swivel range	Dimensions	Net weight
0654/06L	**€ 571,00**	6 Ton	110 mm	85 x 85 mm	8	Ø 170 mm	1080 mm	±90°	610 x 520 mm	41 kg
0654/09L	**€ 640,00**	9 Ton	110 mm	85 x 85 mm	12	Ø 170 mm	1080 mm	±90°	840 x 583 mm	59 kg
0654/12L	**€ 891,00**	12 Ton	110 mm	85 x 85 mm	16	Ø 170 mm	1080 mm	±90°	1030 x 620 mm	80 kg

0654-xF

TRANSPORT TROLLEY

With nylon wheels



Art.	€	Capacity	Working height	Roller dimensions	Wheels	Table dimensions	Lever bar length	Net weight
0654/06F	**€ 389,00**	6 Ton	110 mm	85 x 85 mm	4	200 x 220 mm	640 ÷1030 mm	30 kg
0654/09F	**€ 520,00**	9 Ton	110 mm	85 x 85 mm	6	200 x 320 mm	840 ÷ 1230 mm	43 kg
0654/12F	**€ 592,00**	12 Ton	110 mm	85 x 85 mm	8	200 x 407 mm	1104 ÷ 1430 mm	52 kg

C030-

SCRAP DUMPING CONTAINER EQUIPPED WITH WHEELS



made in italy

Art.	€	Liters	A	B	C	E	F	H	I	L	Capacity	Wheels	Net weight
C030/0300	**€ 1520,00**	300	1280 mm	820 mm	395 mm	530 mm	650 mm	490 mm	700 mm	1010 mm	600 kg	Ø 125 mm x 165h mm	95 kg
C030/0500	**€ 1720,00**	500	1280 mm	920 mm	600 mm	750 mm	915 mm	710 mm	800 mm	1010 mm	1000 kg	Ø 180 mm x 210h mm	130 kg
C030/0750	**€ 1900,00**	750	1280 mm	1070 mm	730 mm	800 mm	1035 mm	830 mm	800 mm	1055 mm	1350 kg	Ø 180 mm x 210h mm	150 kg
C030/1000	**€ 2040,00**	1000	1510 mm	1070 mm	870 mm	925 mm	1220 mm	975 mm	800 mm	1255 mm	1700 kg	Ø 200 mm x 245h mm	182 kg
C030/1350	**€ 2350,00**	1350	1510 mm	1320 mm	870 mm	925 mm	1220 mm	975 mm	800 mm	1255 mm	2000 kg	Ø 200 mm x 245h mm	205 kg


CHROM
15

WRENCHES

p. 384 — Ratchets wrenches
p. 385 — Double open end wrenches
p. 385 — Combination spanners
p. 388 — Ring spanners
p. 390 — Tubular sockets
p. 393 — Hex keys
p. 395 — Tork keys
p. 397 — T-handle swivel
p. 398 — Filter wrenches
p. 399 — Torque wrenches

SOCKET WRENCHES AND SCREW EXTRACTORS

p. 402 — Quick-release ratchets
p. 404 — Sockets
p. 418 — Impact sockets
p. 425 — Screw extractors

SCREWDRIVERS AND HAND RIVETERS

p. 427 — Sockets screwdrivers
p. 429 — Screwdrivers
p. 433 — Precision screwdrivers
p. 434 — Hex bits
p. 440 — Hand riveters

PLIERS, HAMMERS, FILES AND CHISELS

p. 442 — Pliers
p. 446 — Grip pliers
p. 446 — Pipe wrenches
p. 448 — Hammers
p. 451 — Chisels
p. 453 — Files
p. 456 — Levers

UTILITY KNIVES, DEBURRING AND CUTTING TOOLS

p. 457 — Utility knives
p. 459 — Snaggers
p. 461 — Jigsaws arches
p. 462 — Scissors
p. 463 — Tube and bolt cutters

SETS AND FASTENINGS

p. 466 — Staplers and brad nailers
p. 466 — Sets

CONSTRUCTION AND PACKAGING

p. 471 — Guns for chemicals
p. 472 — Trowels and putty knives
p. 473 — Packaging material

TOOL KITS

p. 474 — Tool rolling cabinets with tools
p. 478 — Series of tools in trays
p. 484 — Tool boxes with tools

0690- PRO

RATCHET FLEXIBLE HEAD COMBINATION SPANNER

DIN 3113.





Hangable | Cr-V | Chromed | 5° 72 teeth

Art.	€	Size	Length
0690/08	€ 10,90	8 mm	150 mm
0690/09	€ 10,90	9 mm	150 mm
0690/10	€ 13,50	10 mm	160 mm
0690/11	€ 13,50	11 mm	170 mm
0690/12	€ 13,50	12 mm	170 mm
0690/13	€ 13,50	13 mm	185 mm
0690/14	€ 17,20	14 mm	205 mm
0690/15	€ 17,20	15 mm	205 mm
0690/16	€ 17,20	16 mm	230 mm
0690/17	€ 18,50	17 mm	230 mm
0690/18	€ 19,50	18 mm	250 mm
0690/19	€ 20,80	19 mm	250 mm

0690/07P PRO € 99,00

RATCHET FLEXIBLE HEAD COMBINATION SPANNER SET

DIN 3113.



7 Pcs | Hangable | Cr-V | Chromed | 5° 72 teeth



Sizes 8 - 10 - 11 - 13 - 15 - 17 - 19 mm

0690/12P PRO € 158,00

RATCHET FLEXIBLE HEAD COMBINATION SPANNER SET

DIN 3113.



12 Pcs | Hangable | Cr-V | Chromed | 5° 72 teeth



Sizes 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

0700-

RATCHET GEAR WRENCHES



Hangable | Cr-V | Chromed | 5° 72 teeth

Art.	€	Size	Length
0700/08	€ 8,60	8 mm	140 mm
0700/09	€ 8,70	9 mm	150 mm
0700/10	€ 8,80	10 mm	160 mm
0700/11	€ 9,60	11 mm	165 mm
0700/12	€ 10,00	12 mm	172 mm
0700/13	€ 10,70	13 mm	180 mm
0700/14	€ 11,40	14 mm	190 mm
0700/15	€ 12,10	15 mm	220 mm
0700/16	€ 12,90	16 mm	221 mm
0700/17	€ 14,20	17 mm	225 mm
0700/18	€ 14,60	18 mm	238 mm
0700/19	€ 15,10	19 mm	248 mm

0700/07P € 69,30

RATCHET COMBINATION SPANNER SET

7 Pcs | Hangable | Cr-V | Chromed | 5° 72 teeth



Sizes 8 - 10 - 11 - 13 - 15 - 17 - 19 mm

0700/12P € 125,00

RATCHET COMBINATION SPANNER SET

Hangable | Cr-V | Chromed | 5° 72 teeth



Sizes 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

0546 € 52,60

SATIN FINISH COMBINATION SPANNER SET

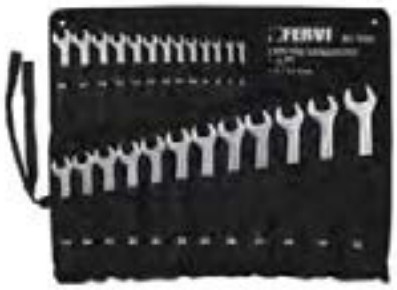


12 Pcs | Hangable | Cr-V | Satin

Sizes 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0544 € 138,00

COMBINATION SPANNER SET



25 Pcs | Box | Cr-V | Satin

Sizes 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm

0201-

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH

DIN 3110.



Cr-V | Chromed

Art.	€	Size	Length
0201/06X07	€ 1,99	6x7 mm	122 mm
0201/08X09	€ 2,60	8x9 mm	140 mm
0201/10X11	€ 2,60	10x11 mm	156 mm
0201/12X13	€ 3,74	12x13 mm	172 mm
0201/14X15	€ 3,74	14x15 mm	190 mm
0201/16X17	€ 4,63	16x17 mm	190 mm
0201/18X19	€ 5,60	18x19 mm	225 mm
0201/20X22	€ 6,40	20x22 mm	235 mm
0201/21X23	€ 7,50	21x23 mm	250 mm
0201/24X27	€ 8,10	24x27 mm	265 mm

Art.	€	Size	Length
0201/25X28	€ 10,20	25x28 mm	280 mm
0201/30X32	€ 10,80	30x32 mm	300 mm
0201/32X36	€ 11,90	32x36 mm	325 mm
0201/34X36	€ 12,70	34x36 mm	325 mm
0201/35X38	€ 13,70	35x38 mm	330 mm
0201/36X41	€ 15,50	36x41 mm	360 mm
0201/41X46	€ 26,40	41x46 mm	400 mm
0201/46X50	€ 35,50	46x50 mm	450 mm
0201/50X55	€ 51,80	50x55 mm	485 mm
0201/55X60	€ 59,00	55x60 mm	520 mm

0200 € 31,90

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH SET

DIN 3110.



8 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0201 € 73,80

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH SET

DIN 3110.



12 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0208-

MIRROR POLISH LONG PATTERN COMBINATION SPANNER

DIN 3113.



Cr-V

Chromed

Art.	€	Size	Length
0208/06	€ 3,74	6 mm	100 mm
0208/07	€ 3,74	7 mm	110 mm
0208/08	€ 3,74	8 mm	120 mm
0208/09	€ 3,74	9 mm	130 mm
0208/10	€ 3,83	10 mm	140 mm
0208/11	€ 3,83	11 mm	150 mm
0208/12	€ 3,83	12 mm	160 mm
0208/13	€ 3,83	13 mm	170 mm
0208/14	€ 5,70	14 mm	180 mm
0208/15	€ 5,70	15 mm	190 mm
0208/16	€ 5,70	16 mm	200 mm
0208/17	€ 6,40	17 mm	210 mm
0208/18	€ 6,40	18 mm	220 mm
0208/19	€ 7,50	19 mm	230 mm
0208/20	€ 9,30	20 mm	240 mm
0208/21	€ 9,30	21 mm	250 mm
0208/22	€ 10,80	22 mm	260 mm
0208/23	€ 11,30	23 mm	270 mm
0208/24	€ 12,20	24 mm	280 mm
0208/25	€ 12,20	25 mm	290 mm
0208/26	€ 12,20	26 mm	300 mm
0208/27	€ 13,30	27 mm	310 mm
0208/28	€ 13,30	28 mm	320 mm
0208/30	€ 13,30	30 mm	340 mm
0208/32	€ 15,20	32 mm	360 mm
0208/34	€ 16,30	34 mm	380 mm
0208/36	€ 17,30	36 mm	400 mm
0208/38	€ 19,10	38 mm	400 mm
0208/41	€ 24,60	41 mm	440 mm
0208/46	€ 33,60	46 mm	490 mm
0208/50	€ 39,20	50 mm	530 mm

0199P-

MIRROR POLISH LONG PATTERN COMBINATION SPANNER

DIN 3113 Inches



Cr-V

Chromed

Art.	€	Size	Length
0199P/1/4	€ 2,21	1/4"	100 mm
0199P/5/16	€ 2,42	5/16"	120 mm
0199P/3/8	€ 3,02	3/8"	140 mm
0199P/7/16	€ 3,12	7/16"	150 mm
0199P/1/2	€ 3,12	1/2"	170 mm
0199P/9/16	€ 3,93	9/16"	180 mm
0199P/5/8	€ 4,54	5/8"	200 mm
0199P/11/16	€ 4,74	11/16"	210 mm
0199P/3/4	€ 5,40	3/4"	230 mm
0199P/13/16	€ 6,40	13/16"	250 mm
0199P/7/8	€ 7,00	7/8"	260 mm
0199P/15/16	€ 10,20	15/16"	280 mm
0199P/1	€ 10,70	1"	290 mm

0199 € 52,60

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET

DIN 3113.



12 Pcs | Hangable | Cr-V | Chromed

Sizes 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0208 € 126,00

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET

DIN 3113.



25 Pcs | Box | Cr-V | Chromed

Sizes 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm

0204 € 161,00

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET

DIN 3113.



6 Pcs | Box | Cr-V | Chromed

Sizes 34 - 36 - 38 - 41 - 46 - 50 mm

0199P € 62,20

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET

DIN 3113 Inches



13 Pcs | Hangable | Cr-V | Chromed

Size 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1"

0222-

DOUBLE OPEN END WRENCH

DIN 3110.



Cr-V

Satin

Art.	€	Size	Length
0222/06X07	€ 1,37	6x7 mm	122 mm
0222/08X09	€ 1,59	8x9 mm	140 mm
0222/10X11	€ 1,81	10x11 mm	155 mm
0222/12X13	€ 2,04	12x13 mm	170 mm
0222/14X15	€ 2,16	14x15 mm	190 mm
0222/16X17	€ 2,61	16x17 mm	205 mm
0222/18X19	€ 2,95	18x19 mm	220 mm
0222/20X22	€ 3,40	20x22 mm	235 mm
0222/21X23	€ 4,54	21x23 mm	250 mm
0222/24X27	€ 7,50	24x27 mm	265 mm
0222/25X28	€ 7,50	25x28 mm	280 mm
0222/30X32	€ 8,20	30x32 mm	300 mm

0224-

COMBINATION SPANNER

DIN 3113.



Cr-V

Chromed

Art.	€	Size	Length
0224/06	€ 1,25	6 mm	100 mm
0224/07	€ 1,25	7 mm	110 mm
0224/08	€ 1,25	8 mm	120 mm
0224/09	€ 1,31	9 mm	130 mm
0224/10	€ 1,37	10 mm	140 mm
0224/11	€ 1,67	11 mm	150 mm
0224/12	€ 1,67	12 mm	160mm
0224/13	€ 1,67	13 mm	170 mm
0224/14	€ 2,07	14 mm	180 mm
0224/15	€ 2,07	15 mm	190 mm
0224/16	€ 2,07	16 mm	200 mm
0224/17	€ 2,07	17 mm	210 mm
0224/18	€ 2,07	18 mm	220 mm
0224/19	€ 3,52	19 mm	230 mm
0224/20	€ 5,20	20 mm	240 mm
0224/21	€ 5,40	21 mm	250 mm
0224/22	€ 5,40	22 mm	260 mm
0224/23	€ 5,50	23 mm	270 mm
0224/24	€ 5,50	24 mm	280 mm
0224/25	€ 6,10	25 mm	290 mm
0224/26	€ 6,90	26 mm	300 mm
0224/27	€ 7,90	27 mm	310 mm
0224/28	€ 9,30	28 mm	320 mm
0224/30	€ 9,90	30 mm	340 mm
0224/32	€ 11,30	32 mm	360 mm
0224/34	€ 12,20	34 mm	380 mm
0224/36	€ 17,30	36 mm	400 mm

0221 € 16,70

DOUBLE OPEN END WRENCH SET

DIN 3110.



8 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0222 € 40,40

DOUBLE OPEN END WRENCH SET

DIN 3110.



12 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0073 € 18,10

COMBINATION SPANNER

DIN 3113.



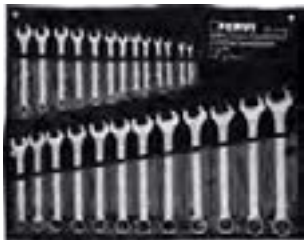
12 Pcs | Hangable | Cr-V | Chromed

Sizes 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0223 € 71,60

COMBINATION SPANNER

DIN 3113.



25 Pcs | Box | Cr-V | Chromed

Sizes 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm

0476-

MIRROR POLISH RING SPANNERS

DIN 838.



Cr-V

Chromed

Art.	€	Size	Length
0476/06X07	€ 2,29	6 x 7 mm	165 mm
0476/08X09	€ 2,49	8 x 9 mm	180 mm
0476/10X11	€ 2,60	10 x 11 mm	195 mm
0476/12X13	€ 2,71	12 x 13 mm	215 mm
0476/14X15	€ 3,33	14 x 15 mm	240 mm
0476/16X17	€ 3,74	16 x 17 mm	260 mm
0476/18X19	€ 4,14	18 x 19 mm	320 mm
0476/20X22	€ 5,80	20 x 22 mm	320 mm
0476/21X23	€ 6,30	21 x 23 mm	325 mm
0476/24X27	€ 8,10	24 x 27 mm	335 mm
0476/25X28	€ 9,30	25 x 28 mm	345 mm
0476/30X32	€ 11,30	30 x 32 mm	360 mm

0477 € 28,10

MIRROR POLISH RING SPANNER SET

DIN 838.



8 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0476 € 64,40

MIRROR POLISH RING SPANNER SET

DIN 838.



12 Pcs | Hangable | Cr-V | Chromed

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0895- PRO

PERCUSSION OPEN WRENCHES

DIN 133.



Cr-V

Art.	€	Size	Length
0895/24	€ 12,90	24 mm	160 mm
0895/27	€ 13,90	27 mm	180 mm
0895/30	€ 15,50	30 mm	195 mm
0895/32	€ 16,70	32 mm	195 mm
0895/36	€ 19,70	36 mm	215 mm
0895/38	€ 22,10	38 mm	215 mm
0895/41	€ 25,20	41 mm	235 mm
0895/46	€ 28,70	46 mm	255 mm
0895/50	€ 39,20	50 mm	280 mm
0895/55	€ 45,40	55 mm	310 mm
0895/60	€ 54,40	60 mm	320 mm
0895/65	€ 76,60	65 mm	345 mm
0895/70	€ 95,80	70 mm	370 mm

0896- PRO

POLYGONAL PERCUSSION WRENCHES

DIN 7444.



Cr-V

Art.	€	Size	Length
0896/24	€ 12,90	24 mm	160 mm
0896/27	€ 13,90	27 mm	180 mm
0896/30	€ 15,50	30 mm	195 mm
0896/32	€ 16,70	32 mm	195 mm
0896/36	€ 19,70	36 mm	205 mm
0896/38	€ 22,10	38 mm	215 mm
0896/41	€ 25,20	41 mm	230 mm
0896/46	€ 28,70	46 mm	240 mm
0896/50	€ 35,30	50 mm	255 mm
0896/55	€ 40,30	55 mm	270 mm
0896/60	€ 49,40	60 mm	280 mm
0896/65	€ 71,60	65 mm	300 mm
0896/70	€ 89,80	70 mm	325 mm

0196-

STUBBY MIRROR POLISH COMBINATION SPANNERS



Cr-V

Chromed

Art.	€	Size	Length
0196/10	€ 2,32	10 mm	95 mm
0196/11	€ 2,52	11 mm	105 mm
0196/12	€ 2,72	12 mm	105 mm
0196/13	€ 3,02	13 mm	110 mm
0196/14	€ 3,23	14 mm	115 mm
0196/15	€ 3,53	15 mm	115 mm
0196/16	€ 3,73	16 mm	125 mm
0196/17	€ 3,83	17 mm	130 mm
0196/18	€ 4,14	18 mm	140 mm
0196/19	€ 4,23	19 mm	140 mm

0134-

FLAT POLYGONAL WRENCH

DIN 837.



Cr-V

Chromed

Art.	€	Size	Length
0134/06X07	€ 3,63	6 x 7 mm	100 mm
0134/08X09	€ 4,03	8 x 9 mm	115 mm
0134/10X11	€ 4,23	10 x 11 mm	130 mm
0134/12X13	€ 4,54	12 x 13 mm	145 mm
0134/14X15	€ 4,94	14 x 15 mm	160 mm
0134/16X17	€ 5,40	16 x 17 mm	170 mm
0134/18X19	€ 5,80	18 x 19 mm	185 mm
0134/20X22	€ 6,50	20 x 22 mm	205 mm

0196 € 26,40

STUBBY MIRROR POLISH COMBINATION SPANNER SET



10 Pcs | Hangable | Cr-V | Chromed

Sizes	10-11-12-13-14-15-16-17-18-19 mm

0134S € 31,90

FLAT RING SPANNER SET

DIN 837.



8 Pcs | Box | Cr-V | Chromed

Sizes	100 - 6x7 mm, 115 - 8x9 mm, 130 - 10x11 mm, 145 - 12x13 mm, 160 - 14x15 mm, 170 - 16x17 mm, 185 - 18x19 mm, 205 - 20x20 mm

0187 € 38,30

MULTILOCK COMBINATION SPANNER SET

DIN 3113, suitable for metric, inch, torx and XZN bolt.



8 Pcs | Hangable | Cr-V | Chromed

Sizes	8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
Inch size	5/16'' - 3/8'' - 7/16'' - 15/32'' - 1/2'' - 9/16'' - 11/16'' - 3/4''
Torx size	E10 - E12 - E14 - E16 - E18 - E22 - E24
XZN size	M8 - M10 - M11 - M12 - M13 - M14 - M17 - M19

0541S € 29,30

FLARE NUT WRENCH SET

DIN 3118, 6 point from 8mm to 14mm, 12 point from 17mm to 22mm.



6 Pcs | Box | Cr-V | Chromed

Sizes	140 - 8x10 mm, 150 - 9x11 mm, 175 - 11x13 mm, 175 - 12x14 mm, 210 - 17x19 mm, 220 - 19x22 mm

0614-

HALF MOON RING SPANNERS

DIN 838.



Cr-V

Satin

Art.	€	Size
0614/08X10	€ 4,54	8 x 10 mm
0614/10X12	€ 4,91	10 x 12 mm
0614/11X13	€ 5,30	11 x 13 mm
0614/13X15	€ 5,70	13 x 15 mm
0614/14X17	€ 6,80	14 x 17 mm
0614/16X18	€ 8,40	16 x 18 mm
0614/19X22	€ 9,10	19 x 22 mm

0614 € 45,40

SET OF HALF MOON RING SPANNERS

DIN 838.



7 Pcs | Box | Cr-V | Satin

Sizes	8x10 - 10x12 - 11x13 - 13x15 - 14x17 - 16x18 - 19x22 mm

0714 NEW € 119,00

HOOK WRENCHES SET



8 Pcs | Box | Cr-Mo | Chromed

Model	35 ÷ 120
Sizes	35÷60 60÷90 90÷120

0084-

ADJUSTABLE WRENCHES

DIN 3117.



Hangable | Steel | Chromed

Art.	€	Size	Opening
0084/150	€ 5,40	6"-150 mm	18 mm
0084/250	€ 9,60	10"- 250 mm	30 mm
0084/375	€ 27,10	15"- 375 mm	48 mm

0266 € 1,58

GAS SPANNER



8 Pcs | Steel | Chromed

Size	25 mm
Pack	10

0340S € 58,40

DOUBLE HEAD SOCKET WRENCH SET

Ideal for loosen and tighten nuts and bolts located in positions hard to get



6 Pcs | Carrying case | Cr-V | Chromed

Sizes	8x9-10x11-12x13-14x15-16x17-18x19 mm

0393- NEW

DOUBLE ENDED HEXAGON/BI-HEX SOCKET WRENCHES



Hangable | Cr-V | Chromed

Art.	€	Size	Length
0393/06	€ 5,70	6 mm	100 mm
0393/07	€ 5,70	7 mm	105 mm
0393/08	€ 5,70	8 mm	115 mm
0393/09	€ 5,90	9 mm	120 mm
0393/10	€ 6,10	10 mm	130 mm
0393/11	€ 6,80	11 mm	135 mm
0393/12	€ 7,10	12 mm	145 mm
0393/13	€ 7,70	13 mm	150 mm
0393/14	€ 8,20	14 mm	160 mm
0393/15	€ 8,60	15 mm	170 mm
0393/16	€ 9,00	16 mm	180 mm
0393/17	€ 9,70	17 mm	185 mm
0393/18	€ 10,80	18 mm	200 mm
0393/19	€ 11,60	19 mm	200 mm
0393/20	€ 13,00	20 mm	210 mm
0393/21	€ 13,70	21 mm	220 mm
0393/22	€ 14,80	22 mm	230 mm

0442- PRO

HEXAGONAL TUBULAR SOCKET WRENCHES

DIN 899, mirror polish with hexagonal body.



Cr-V | Chromed

Art.	€	Size	Length
0442/06X07	€ 6,80	6 x 7 mm	105 mm
0442/08X09	€ 7,30	8 x 9 mm	110 mm
0442/10X11	€ 7,90	10 x 11 mm	120 mm
0442/12X13	€ 8,80	12 x 13 mm	140 mm
0442/14X15	€ 9,90	14 x 15 mm	145 mm
0442/16X17	€ 11,30	16 x 17 mm	155 mm
0442/18X19	€ 13,80	18 x 19 mm	165 mm
0442/20X22	€ 17,30	20 x 22 mm	170 mm

0393/A NEW € 103,00

DOUBLE ENDED HEXAGON/BI-HEX SOCKET WRENCHES SET



10 Pcs | Hangable | Cr-V | Chromed

Sizes	6-7-8-10-11-12-13-14-17-19

0393 € 76,60

"L" HEX SOCKET SPANNER



13 Pcs | Carrying case | Cr-V | Chromed

Sizes	6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0442 PRO € 88,70

HEXAGONAL TUBULAR SOCKET WRENCH SET

DIN 899, mirror polish with hexagonal body.



8 Pcs | Box | Cr-V | Chromed

Sizes	105 - 6x7 mm, 110 - 8x9 mm, 120 - 10x11 mm, 140 - 12x13 mm, 145 - 14x15 mm, 155 - 16x17 mm, 165 - 18x19 mm, 170 - 20x22 mm

0540-

HEXAGONAL TUBULAR SOCKET WRENCH

Light model





Art.	€	Size	Length
0540/06X07	€ 2,12	6 x 7 mm	110 mm
0540/08X09	€ 2,24	8 x 9 mm	120 mm
0540/10X11	€ 2,28	10 x 11 mm	125 mm
0540/12X13	€ 2,42	12 x 13 mm	135 mm
0540/14X15	€ 2,58	14 x 15 mm	135 mm
0540/16X17	€ 3,02	16 x 17 mm	150 mm
0540/18X19	€ 3,40	18 x 19 mm	160 mm
0540/20X22	€ 3,79	20 x 22 mm	170 mm

0540S € 18,50

HEXAGONAL TUBULAR SOCKET WRENCH SET

Light model, with tommy bar





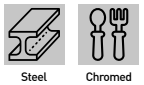


Sizes	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 mm

0540/3 € 3,02

TOMMY BAR

3 step





Length	165 mm
ø	9,5 - 7,5 - 6 mm



0090-

MALE HEX KEY SET

DIN 911.



Cr-V

Galvanized

Art.	€	L1	L2	Pack
0090/015	€ 0,64	45 mm	14 mm	10
0090/02	€ 0,64	50 mm	16 mm	10
0090/025	€ 0,64	56 mm	18 mm	10
0090/03	€ 0,69	63 mm	20 mm	10
0090/04	€ 0,69	70 mm	25 mm	10
0090/05	€ 1,04	80 mm	28 mm	10
0090/06	€ 1,25	90 mm	32 mm	10
0090/08	€ 1,88	100 mm	36 mm	5
0090/10	€ 2,29	112 mm	40 mm	5
0090/12	€ 3,52	125 mm	45 mm	5
0090/14	€ 5,00	140 mm	56 mm	5
0090/17	€ 6,50	160 mm	63 mm	5
0090/19	€ 10,50	180 mm	70 mm	5

0558/GE € 13,90

HEX KEY SET

With ph and slot screwdriver head, with multipurpose handle that can be used as a t-handle or as a key extension.



8 Pcs Blister Cr-V

Sizes	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Cross screwdriver	PH0 (3mm) - PH1 (4mm) - PH2 (5mm)
Slotted screwdriver	6mm

0545/EF PRO € 32,80

BALL POINT COLORED HEX KEY SERIES

DIN 911.

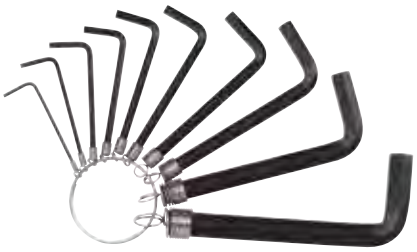


9 Pcs Blister Mo-V

Sizes	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm

0090 € 2,82

HEX KEY SET



10 Pcs Steel

Sizes	1,5 - 2 - 2,5 - 3 - 3,5- 4 - 5 - 6 - 8 - 10 mm

0269 € 5,50

HEX KEY SET

DIN 911.



9 Pcs Box Cr-V

Sizes	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

0215X

BALL POINT HEX KEY SET , LONG TYPE



9 Pcs Blister Cr-V Satin

Art.	€	Size
0215	€ 11,90	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10
0215P	€ 11,90	1/16'' - 5/64'' - 3/32'' - 1/8'' - 5/32'' - 3/16'' - 1/4'' - 5/16'' - 3/8''

0558/EM — PRO — € 17,50

HEX KEY SET WITH DIAMOND TIP

DIN ISO 2936, the diamond tip allows a perfect grip, avoiding to ruin the head of the screw. This type of tip is also very effective with already ruined screws.

8 Pcs · Hangable · Cr-V · Diamond coated



Sizes	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm

0558/EP — PRO — € 17,50

HEX KEY SET WITH DIAMOND TIP

DIN ISO 2936, the diamond tip allows a perfect grip, avoiding to ruin the head of the screw. This type of tip is also very effective with already ruined screws.

9 Pcs · Hangable · Cr-V · Diamond coated



Sizes	5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32" - 3/16" - 7/32" - 1/4"

C856- — PRO

BALL POINT TWO WAY HEX KEY WITH PLASTIC HANDLE

DIN ISO 2936.



Hangable · Cr-V · Phosphated

Art.	€	Size	Length
C856/02.5	€ 4,03	2.5 mm	175 mm
C856/03	€ 4,03	3 mm	175 mm
C856/04	€ 4,23	4 mm	175 mm
C856/05	€ 4,54	5 mm	175 mm
C856/06	€ 6,40	6 mm	175 mm
C856/08	€ 7,00	8 mm	170 mm
C856/10	€ 9,70	10 mm	170 mm

0856-

BALL POINT TWO WAY HEX KEY WITH ANATOMIC PLASTIC HANDLE

DIN 911.



Hangable · Cr-V · Chromed

Art.	€	Size	Length
0856/02	€ 2,52	2 mm	100 mm
0856/02.5	€ 2,52	2,5 mm	100 mm
0856/03	€ 2,62	3 mm	100 mm
0856/04	€ 2,82	4 mm	100 mm
0856/05	€ 3,93	5 mm	150 mm
0856/06	€ 4,33	6 mm	150 mm
0856/08	€ 6,10	8 mm	200 mm
0856/10	€ 6,30	10 mm	200 mm

0400-

MALE "T" HANDLE HEX WRENCHES

DIN ISO 2936, with sliding bar making it versatile for use in difficult situations and under extreme conditions.



Cr-V · Chromed

Art.	€	Size	Dimensions
0400/02	€ 8,70	2 mm	125 x 65 mm
0400/025	€ 8,70	2,5 mm	125 x 65 mm
0400/03	€ 8,70	3 mm	125 x 65 mm
0400/035	€ 8,70	3,5 mm	125 x 65 mm
0400/04	€ 9,30	4 mm	180 x 90 mm
0400/045	€ 9,30	4,5 mm	180 x 90 mm
0400/05	€ 9,30	5 mm	180 x 90 mm
0400/06	€ 9,80	6 mm	210 x 105 mm
0400/07	€ 9,80	7 mm	250 x 105 mm
0400/08	€ 11,30	8 mm	250 x 125 mm
0400/09	€ 13,70	9 mm	300 x 145 mm
0400/10	€ 13,70	10 mm	300 x 145 mm
0400/12	€ 19,40	12 mm	320 x 165 mm
0400/14	€ 24,80	14 mm	340 x 170 mm

0400 — € 66,50

MALE "T" HANDLE HEX WRENCH SET

DIN ISO 2936, with sliding bar making them versatile for use in difficult situations and under extreme conditions.



7 Pcs | Box | Cr-V | Chromed

Sizes 2 - 3 - 4 - 5 - 6 - 8 - 10 mm

0190 — PRO — € 74,60

3-WAY SPEEDY HEX KEY WRENCH SET

With practical "speedy" rotating handle for increased working velocity



7 Pcs | Box | Cr-V | Chromed

Sizes 2 - 3 - 4 - 5 - 6 - 8 - 10 mm

0220 — € 14,00

TORX KEY SET LONG TYPE

DIN 911, with tamper resistant head (hole).



9 Pcs | Blister | Cr-V | Satin

Sizes T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

0220/C — NEW — € 8,60

TORX KEY SET SHORT TYPE

With tamper resistant head (Hole)



9 Pcs | Cr-V | Chromed

Sizes T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

0545/TF — PRO — € 35,30

COLORED TORX KEY SERIES

DIN 911.



9 Pcs | Blister | Mo-V

Sizes T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

0558/TX — PRO — € 17,50

TORX KEY SET WITH DIAMOND TIP

DIN ISO 2936, the diamond tip allows a perfect grip, avoiding to ruin the head of the screw. This type of tip is also very effective with already ruined screws.



8 Pcs | Blister | Cr-V | Diamond coated

Sizes T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40

0855-

TWO WAY TORX AND TAMPERED KEY WITH ANATOMIC PLASTIC HANDLE



Hangable | Mo-V | Chromed

Art.	€	Size	Length
0855/T10	€ 2,52	T10	100 mm
0855/T15	€ 2,52	T15	100 mm
0855/T20	€ 2,82	T20	100 mm
0855/T25	€ 3,33	T25	100 mm
0855/T30	€ 3,93	T30	150 mm
0855/T40	€ 5,00	T40	150 mm

C855- PRO

TWO WAY TORX KEY WITH PLASTIC HANDLE

DIN ISO 2936.



Hangable | Cr-V | Phosphated

Art.	€	Size	Length
C855/T10	€ 4,03	T10	175 mm
C855/T15	€ 4,03	T15	175 mm
C855/T20	€ 4,54	T20	175 mm
C855/T25	€ 5,40	T25	175 mm
C855/T27	€ 5,40	T27	175 mm
C855/T30	€ 6,40	T30	175 mm
C855/T40	€ 8,10	T40	170 mm
C855/T50	€ 9,60	T50	170 mm

0405-

MALE "T" HANDLE TORX WRENCH

DIN ISO 2936, with sliding bar making it versatile for use in difficult situations and under extreme conditions.



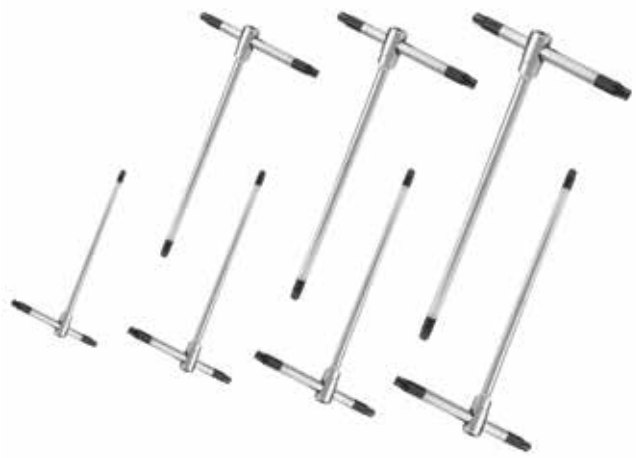
Cr-V | Chromed

Art.	€	Size	Length
0405/T06	€ 9,90	T06	125 mm
0405/T07	€ 9,90	T07	125 mm
0405/T08	€ 9,90	T08	125 mm
0405/T09	€ 9,90	T09	125 mm
0405/T10	€ 9,90	T10	125 mm
0405/T15	€ 9,90	T15	125 mm
0405/T20	€ 9,90	T20	125 mm
0405/T25	€ 10,20	T25	180 mm
0405/T27	€ 10,20	T27	180 mm
0405/T30	€ 10,20	T30	180 mm
0405/T40	€ 12,20	T40	210 mm
0405/T45	€ 13,30	T45	210 mm
0405/T50	€ 14,30	T50	210 mm

0405 € 67,40

MALE "T" HANDLE TORX WRENCH SET

DIN ISO 2936, with sliding bar making them versatile for use in difficult situations and under extreme conditions.



7 Pcs | Box | Cr-V | Chromed

Sizes	T8-T9-T10-T15-T20-T25-T30

0359-

T-HANDLE SPARK PLUG SOCKET WRENCH

DIN 3124.



Cr-V

Chromed

Art.	€	Size	Length
0359/14L	€ 23,20	14 mm	530 mm
0359/16L	€ 23,20	16 mm	530 mm
0359/21L	€ 25,20	20,8 mm	530 mm
0359/16	€ 19,10	16 mm	275 mm

007X

SPAR K PLUG WRENCH

DIN 899.



Steel

Chromed

Art.	€	Size	Length
0078	€ 7,00	20,8	500 mm
0079	€ 7,00	16 mm	510 mm

C245-

T-HANDLE DEEP SOCKET WRENCHES



Cr-V

Satin

Art.	€	Size	Length
C245/06	€ 14,20	6 mm	320 mm
C245/07	€ 14,20	7 mm	320 mm
C245/08	€ 14,20	8 mm	320 mm
C245/09	€ 14,20	9 mm	320 mm
C245/10	€ 14,60	10 mm	320 mm
C245/11	€ 14,60	11 mm	320 mm
C245/12	€ 15,10	12 mm	320 mm
C245/13	€ 15,10	13 mm	320 mm
C245/14	€ 16,10	14 mm	320 mm
C245/17	€ 18,60	17 mm	320 mm
C245/19	€ 23,20	19 mm	320 mm

C395-

T HANDLE MAGNETIC SWIVEL HEX SOCKET

DIN 3124.



Cr-V

Chromed

Art.	€	Size	Length
C395/06	€ 17,70	6 mm	390 mm
C395/07	€ 17,70	7 mm	390 mm
C395/08	€ 17,70	8 mm	390 mm
C395/09	€ 17,70	9 mm	390 mm
C395/10	€ 20,00	10 mm	500 mm
C395/11	€ 20,00	11 mm	500 mm
C395/12	€ 20,00	12 mm	500 mm
C395/13	€ 20,90	13 mm	500 mm
C395/14	€ 20,90	14 mm	500 mm
C395/15	€ 23,70	15 mm	500 mm
C395/16	€ 23,70	16 mm	500 mm
C395/17	€ 23,70	17 mm	500 mm
C395/18	€ 24,70	18 mm	500 mm
C395/19	€ 26,20	19 mm	500 mm

C391- PRO

T-HANDLE SWIVEL HEX SOCKET

DIN 896, heavy duty.



Cr-V

Satin

Art.	€	Size	Length
C391/06	€ 20,20	6 mm	395 mm
C391/07	€ 20,20	7 mm	395 mm
C391/08	€ 20,20	8 mm	395 mm
C391/09	€ 20,20	9 mm	400 mm
C391/10	€ 22,10	10 mm	400 mm
C391/11	€ 22,10	11 mm	400 mm
C391/12	€ 22,10	12 mm	400 mm
C391/13	€ 24,20	13 mm	432 mm
C391/14	€ 24,20	14 mm	432 mm
C391/15	€ 29,30	15 mm	450 mm
C391/16	€ 29,30	16 mm	450 mm
C391/17	€ 29,30	17 mm	450 mm
C391/18	€ 29,30	18 mm	450 mm
C391/19	€ 32,30	19 mm	500 mm

0352-

BELT OIL FILTER WRENCH



Box Steel

Art.	€	Filter maximum diameter	Belt
0352/01	€ 20,00	180 mm	610 mm
0352/02	€ 21,70	220 mm	800 mm

0357- PRO

OIL FILTER STELL BELT WRENCH

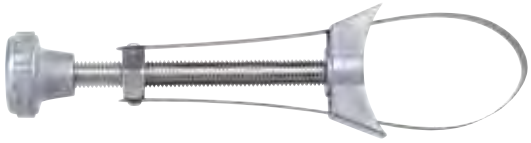


Box Steel

Art.	€	Filter maximum diameter	Belt
0357/01	€ 23,00	70 mm	180 mm
0357/02	€ 25,00	120 mm	200 mm

0076 € 4,54

TAPE OIL FILTER WRENCH



Hangable Alu Aluminum

Filter maximum diameter	120 mm
Belt	195 mm

0077 € 6,10

OIL FILTER CHAIN WRENCH



Blister Carrying case Steel

Filter maximum diameter	110 mm
Belt	380 mm

0018/15 € 64,40

OIL FILTER WRENCH SET

Useful for the removal of oil filters for many vehicles. an adapter with 3/8" male and 1/2" female drives is included in the set.



15 Pcs Carrying case Steel 3/8"

Sizes (ø mm - sides)	65 mm - 14, 65/67 mm – 14, 68 mm - 14, 74 mm - 15, 74/76 mm - 15, 75/77 mm - 15, 76 mm - 14, 76 mm - 30, 80 mm - 15, 80/82 mm
Adapter drive	1/2" (F) 3/8" (M)

0018/30 € 143,00

OIL FILTER WRENCH SET

Useful for the removal of oil filters for many vehicles. an adapter with 3/8" male and 1/2" female drives and a 3-jaw wrench are included in the set.



28 Pcs Carrying case Steel 3/8"

Sizes (ø mm - sides)	65 mm - 14, 65/67 mm - 14, 66 mm - 6, 68 mm - 14, 73 mm - 14, 74 mm - 15, 74/76 mm - 15, 75/77 mm - 15, 76 mm - 8, 76 mm - 12, 76 mm - 14,76 mm - 30,78 mm - 15,80 mm - 15,80/82 mm - 15,86 mm - 16,86 mm - 18,90 mm - 15,92 mm - 10,93 mm - 15,93 mm - 36,93 mm
Adapter drive	1/2" (F) 3/8" (M)
3 - Jaw wrench	65 ÷ 120 mm

0080 € 9,30

CROSS RIM WRENCH

DIN 899.



Steel Galvanized 1/2"

Sizes	17 - 19 - 21 mm
Dimensions	381 x 16 mm

0426-

CROSS RIM WRENCH

For trucks, with fixed hex sockets



Steel Galvanized 3/4"

Art.	€	Sizes	Dimensions
0426/30	**€ 33,60**	24 - 27 - 30 mm	550 x 20 mm
0426/32	**€ 42,60**	24 - 27 - 32 mm	700 x 22 mm

0451 PRO € 35,90

DETACHABLE CROSS RIM WRENCH

Consisting of 2 hex sockets with 4 sizes, bar and spinning handle.



Box Cr-V Chromed 1/2" 1/2"

Sockets sizes	17 - 19 - 21 - 23 mm
Bar dimensions	ø15 x 400 mm
Handle length	330 mm

0806/200 € 445,00

ELECTRONIC DIGITAL TORQUE - ANGLE WRENCH

It allows cw and ccw operation and a led and buzer diagnostic of torque/angle status.



Box Chromed 1/2"

MEASURE UNITS:	Nm / kgm / lbft / lbin
Capacity	20 ÷ 200 Nm
Reading	0,1 Nm
Accuracy	±2%, 10% @ 200 Nm
Angle range	0 ÷ 360°
Angle accuracy	±1%
Operation mode	Peak / Track
Torque memories - Angle	5
Length	605 mm
Battery	4x 1,5 V AAA

0809- PRO

ELECTRONIC DIGITAL TORQUE WRENCH

It allows cw and ccw operation and a led and buzer diagnostic of torque status.



Carrying case Chromed

Art.	€	MEASURE UNITS:	Capacity	Reading	Accuracy	Operation mode	Memory	Dr.	Length	Battery
0809/030	**€ 106,00**	Nm / kgf-cm / lbf-ft / lbf-in	6 ÷ 30 Nm	0,01 Nm	±4%	Peak / Track	50	1/4"	200 mm	2 x 3 V CR2032
0809/080	**€ 113,00**	Nm / kgf-m / lbf-ft / lbf-in	16 ÷ 80 Nm	0,1 Nm	±3%	Peak / Track	50	3/8"	230 mm	2 x 3 V CR2032
0809/100	**€ 119,00**	Nm / kgf-m / lbf-ft / lbf-in	20 ÷ 100 Nm	0,1 Nm	±2%	Peak / Track	50	1/2"	275 mm	2 x 3 V CR2032

0806/020 — € 109,00

DIGITAL TORQUE SCREWDRIVER

ISO 6789-2017, clockwise and anticlockwise tightening, sound and vibration diagnostics of the preset torque reached.



Carrying case | 1/4"

MEASURE UNITS:	Nm / lbft / lbin
Capacity	0 ÷ 20 Nm
Reading	0,01 Nm
Accuracy	±2%
Operation mode	Peak / Track
Auto power off	5 min.
Length	175 mm
Battery	2 x 1,5 V AAA
Working temperature	0 °C – 40 °C
Storage temperature	-5 °C – 45 °C

0268A — NEW — € 97,50

DIGITAL TORQUE METER

Twist monitoring tool. Applied to a ratchet wrench it can be used as a torque wrench. Backlit LCD screen, Peak and Trace operating mode. Auto power off function.





Box | Cr-V | Plastic | Chromed | 1/2" | 1/2"

Operation mode	Peak/track
MEASURE UNITS:	Nm/kgm/kgcm/lbft/lbin
Capacity	40 ÷ 200 Nm
Reading	0,1 Nm
Memory	50
Accuracy	±2%
Dimensions	75 x 44mm
Battery	2 x AAA
Working temperature	-10°C-60 °C (14°F-139.9 °F)
Storage temperature	-20°C -70°C (-4 °F-157.9°F)

0137 — € 61,00

TORQUE WRENCH



3 Pcs | Carrying case | Chromed | 3/8" | 1/2"

Capacity	28 ÷ 210 Nm
Extension	120 mm

0815- — PRO NEW

TORQUE WRENCHES

ISO 6789-2017, reading window.

Carrying case | ABS | Cr-Mo | Satin



Art.	€	Dr.	Capacity	Reading	Accuracy	Length
0815/100	**€ 161,00**	3/8"	20 ÷ 100 Nm	0,5 Nm	±4%	460 mm
0815/200	**€ 212,00**	1/2"	40 ÷ 200 Nm	1,0 Nm	±4%	515 mm
0815/320	**€ 231,00**	1/2"	60 ÷ 320 Nm	2,0 Nm	±4%	585 mm
0815/800	**€ 735,00**	3/4"	100 ÷ 800 Nm	5,0 Nm	±4%	1100 mm

0803-

TORQUE WRENCHES

ISO 6789-2017.





Carrying case | Satin

Art.	€	Shank	Capacity	Reading	Accuracy	Length
0803/110	**€ 138,00**	3/8"	20 - 110 Nm	0,5 Nm	±4%	380 mm
0803/210	**€ 198,00**	1/2"	40 - 210 Nm	1 Nm	±4%	535 mm
0803/700	**€ 645,00**	3/4"	140 - 700 Nm	2,5 Nm	±4%	1085 mm

0803/S210 € 317,00

TORQUE WRENCH SET

ISO 6789-2017.





11 Pcs | Carrying case | Satin

Spanners shank	14 x 18 mm
Ratchet head	1/2"
Capacity	40 ÷ 210 Nm
Accuracy	±4%
Reading	1 Nm
Spanner head	13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30 mm

0803/S080 € 215,00

TORQUE WRENCH SET

ISO 6789-2017.





8 Pcs | Carrying case | Satin

Spanners shank	14x 18 mm
Ratchet head	3/8"
Capacity	15 ÷ 80 Nm
Accuracy	±4%
Spanner head	17 - 22 - 24 - 26 - 27 - 30 mm
Reading	0,5 Nm

0329 € 171,00

TORQUE MULTIPLIER

DIN 3113, labor saving wheel wrench.





7 Pcs | Carrying case | 1"

1" Dr. sockets	32 - 33 mm
Ratio	1:60
Maximum torque	3200 Nm
Operating torque	1200 Nm
Net weight	7,5 kg

0360 € 77,70

TORQUE MULTIPLIER

DIN 3113, labor saving wheel wrench, supplied in plastic case.





7 Pcs | Carrying case | 1"

1" Dr. sockets	32 - 33 mm
Ratio	1 : 56
Maximum torque	3000 Nm
Operating torque	1000 Nm
Net weight	7 kg

CN450N0/0 — € 46,60

3 IN 1 QUICK CHANGE DRIVE RATCHET HANDLE



4 Pcs · Hangable · Cr-V · Cr-Mo · Chromed · 72 teeth

Length	230 mm
Shank	1/2" - 3/8" - 1/4"
Teeth	72

G090- PRO

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 90 teeth

Art.	€	Length	Dr.
G090/1/4	€ 21,50	145 mm	1/4"
G090/3/8	€ 26,10	195 mm	3/8"
G090/1/2	€ 29,80	265 mm	1/2"

F090- PRO

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 90 teeth

Art.	€	Length	Dr.
F090/1/4	€ 21,50	145 mm	1/4"
F090/3/8	€ 26,10	195 mm	3/8"
F090/1/2	€ 29,80	265 mm	1/2"

0494- PRO

DUST PROOF ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 72 teeth

Art.	€	Length	Dr.
0494/1/4	€ 26,10	165 mm	1/4"
0494/3/8	€ 29,80	215 mm	3/8"
0494/1/2	€ 35,90	276 mm	1/2"

CN450NX

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 72 teeth

Art.	€	Length	Dr.
CN450N1/4A	€ 26,00	150 mm	1/4"
CN450N3/8A	€ 30,10	205 mm	3/8"
CN450N1/2A	€ 31,10	250 mm	1/2"

0439-

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · 72 teeth

Art.	€	Dr.	Length	Teeth
0439/1/4	€ 17,80	1/4"	155 mm	72
0439/3/8	€ 25,10	3/8"	200 mm	72
0439/1/2	€ 30,10	1/2"	260 mm	72

0019-

1\4", 3\8", 1\2" DRIVE QUICK-RELEASE RATCHETS



Hangable | Cr-V | Cr-Mo | 4° 90 teeth

Art.	€	Length	Dr.
0019/1/4	€ 15,70	154 mm	1/4"
0019/3/8	€ 22,50	215 mm	3/8"
0019/1/2	€ 28,60	275 mm	1/2"

0308 € 35,80

RATCHET HANDLE



Cr-V | Chromed | 8° 45 teeth | 3/4"

Length	490 mm

0228 € 11,10

RATCHET HANDLE



Hangable | Cr-V | Chromed | 9° 39 teeth | 1/2"

Length	250 mm

0173 € 4,76

1/4" DR. SPINNER HANDLE

Made to being used also as an extension



Hangable | Cr-V | Chromed | 1/4" | 1/4"

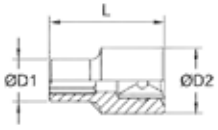


BN4E5NX

STANDARD 6 POINT HAND SOCKET

DIN 3124.





Hangable | Cr-V | Chromed | 1/4"

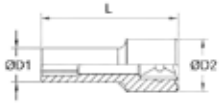
Art.	€	Size	D1	D2	Length
BN4E5N004A	€ 1,49	4 mm	6,8 mm	12 mm	25 mm
BN4E5N0045A	€ 1,49	4,5 mm	7,2 mm	12 mm	25 mm
BN4E5N005A	€ 1,49	5 mm	7,8 mm	12 mm	25 mm
BN4E5N0055A	€ 1,49	5,5 mm	8,4 mm	12 mm	25 mm
BN4E5N006A	€ 1,49	6 mm	9,3 mm	12 mm	25 mm
BN4E5N007A	€ 1,49	7 mm	10,8 mm	12 mm	25 mm
BN4E5N008A	€ 1,72	8 mm	12 mm	11 mm	25 mm
BN4E5N009A	€ 1,72	9 mm	13 mm	12 mm	25 mm
BN4E5N010A	€ 1,72	10 mm	14,6 mm	12 mm	25 mm
BN4E5N011A	€ 1,93	11 mm	16 mm	12,5 mm	25 mm
BN4E5N012A	€ 1,93	12 mm	17 mm	13,5 mm	25 mm
BN4E5N013A	€ 2,13	13 mm	18 mm	13,5 mm	25 mm
BN4E5N014A	€ 2,35	14 mm	19 mm	14,5 mm	25 mm

BN4E5LX

DEEP 6 POINT HAND SOCKET

DIN 3124.





Hangable | Cr-V | Chromed | 1/4"

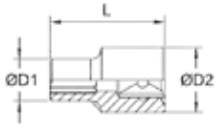
Art.	€	Size	D1	D2	Length
BN4E5L004A	€ 3,53	4 mm	6,8 mm	12 mm	50 mm
BN4E5L0045A	€ 3,53	4,5 mm	7,2 mm	12 mm	50 mm
BN4E5L005A	€ 3,53	5 mm	7,8 mm	12 mm	50 mm
BN4E5L0055A	€ 3,53	5,5 mm	8,4 mm	12 mm	50 mm
BN4E5L006A	€ 3,53	6 mm	9,3 mm	12 mm	50 mm
BN4E5L007A	€ 3,53	7 mm	10,8 mm	12 mm	50 mm
BN4E5L008A	€ 3,53	8 mm	12 mm	11 mm	50 mm
BN4E5L009A	€ 3,53	9 mm	13 mm	12 mm	50 mm
BN4E5L010A	€ 3,53	10 mm	14,6 mm	12 mm	50 mm
BN4E5L011A	€ 3,84	11 mm	16 mm	13 mm	50 mm
BN4E5L012A	€ 3,84	12 mm	17 mm	13 mm	50 mm
BN4E5L013A	€ 4,05	13 mm	18 mm	13 mm	50 mm
BN4E5L014A	€ 4,05	14 mm	19 mm	14,5 mm	50 mm

BN4P5NX

STANDARD 12 POINT HAND SOCKET

DIN 3124.





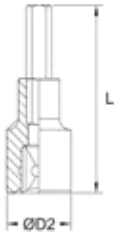
Hangable | Cr-V | Chromed | 1/4"

Art.	€	Size	D1	D2	Length
BN4P5N004A	€ 1,41	4 mm	6,8 mm	12 mm	25 mm
BN4P5N005A	€ 1,41	5 mm	7,8 mm	12 mm	25 mm
BN4P5N0055A	€ 1,41	5,5 mm	8,4 mm	12 mm	25 mm
BN4P5N006A	€ 1,41	6 mm	9,3 mm	12 mm	25 mm
BN4P5N007A	€ 1,41	7 mm	10,8 mm	12 mm	25 mm
BN4P5N008A	€ 1,60	8 mm	12 mm	11 mm	25 mm
BN4P5N009A	€ 1,60	9 mm	13 mm	12 mm	25 mm
BN4P5N010A	€ 1,60	10 mm	14,6 mm	12 mm	25 mm
BN4P5N011A	€ 1,82	11 mm	16 mm	12,5 mm	25 mm
BN4P5N012A	€ 1,82	12 mm	17 mm	13,5 mm	25 mm
BN4P5N013A	€ 2,04	13 mm	18 mm	13,5 mm	25 mm
BN4P5N014A	€ 2,13	14 mm	19 mm	14,5 mm	25 mm

BN415NX

HEX BIT SOCKET





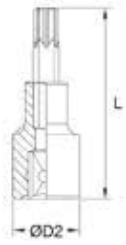
Hangable | Cr-V | Chromed | 1/4"

Art.	€	Size	D2	Length
BN415N003A	€ 2,68	3 mm	12 mm	37 mm
BN415N004A	€ 2,68	4 mm	12 mm	37 mm
BN415N005A	€ 2,68	5 mm	12 mm	37 mm
BN415N006A	€ 2,68	6 mm	12 mm	37 mm
BN415N008A	€ 2,68	8 mm	12 mm	37 mm

BN425NX

TORX BIT SOCKET





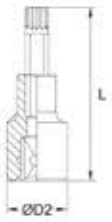
Hangable | Cr-V | Chromed | 1/4"

Art.	€	Size	D2	Length
BN425N008A	€ 2,68	T8	12 mm	37 mm
BN425N009A	€ 2,68	T9	12 mm	37 mm
BN425N010A	€ 2,68	T10	12 mm	37 mm
BN425N015A	€ 2,68	T15	12 mm	37 mm
BN425N020A	€ 2,68	T20	12 mm	37 mm
BN425N025A	€ 2,68	T20	12 mm	37 mm
BN425N027A	€ 2,68	T27	12 mm	37 mm
BN425N030A	€ 2,68	T30	12 mm	37 mm
BN425N040A	€ 2,68	T40	12 mm	37 mm

BN445NX

XZN BIT SOCKET





Hangable | Cr-V | Chromed | 1/4"

Art.	€	Size	D2	Length
BN445N004A	€ 9,00	M 4	15 mm	37 mm
BN445N005A	€ 9,00	M 5	15 mm	37 mm
BN445N006A	€ 9,00	M 6	15 mm	37 mm
BN445N008A	€ 9,00	M 8	15 mm	37 mm
BN445N009A	€ 9,00	M 9	15 mm	37 mm
BN445N010A	€ 9,00	M 10	15 mm	37 mm

RN4054NA — € 3,20

ADAPTER



Hangable | Cr-V | 1/4" | 3/8"

Length	26 mm

JN405NA — € 5,80

UNIVERSAL JOINT



Hangable | Cr-V | 1/4"

Length	38 mm

PN405NX

EXTENSION BAR



Hangable | Cr-V | Chromed | 1/4"

Art.	€	Length
PN405N050A	€ 3,20	50 mm
PN405N075A	€ 3,42	75 mm
PN405N150A	€ 5,10	150 mm

EN405NX

WOBBLE EXTENSION BAR



Hangable | Cr-V | Chromed | 1/4"

Art.	€	Length
EN405N050A	€ 4,25	50 mm
EN405N075A	€ 4,85	75 mm
EN405N150A	€ 5,30	150 mm

LN400N1/4A — € 4,85

SLIDING T BAR



Hangable | Cr-V | 1/4"

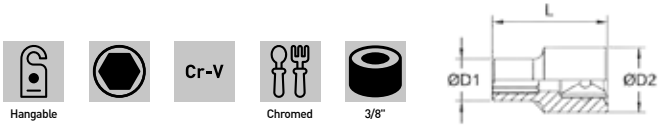
Length	115 mm

BN4E4NX

STANDARD 6 POINT HAND SOCKET

DIN 3124.





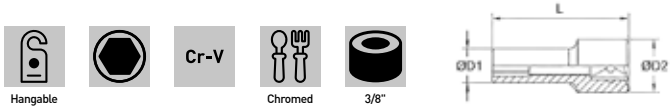
Art.	€	Size	D1	D2	Length
BN4E4N006A	€ 2,56	6 mm	9,3 mm	17 mm	28 mm
BN4E4N007A	€ 2,56	7 mm	10,6 mm	17 mm	28 mm
BN4E4N008A	€ 2,56	8 mm	11,8 mm	17 mm	28 mm
BN4E4N009A	€ 2,56	9 mm	13,2 mm	17 mm	28 mm
BN4E4N010A	€ 2,56	10 mm	14,5 mm	17 mm	28 mm
BN4E4N011A	€ 2,56	10 mm	15,7 mm	17 mm	28 mm
BN4E4N012A	€ 2,56	12 mm	17 mm	16,4 mm	28 mm
BN4E4N013A	€ 2,56	13 mm	18 mm	17 mm	28 mm
BN4E4N014A	€ 3,20	14 mm	20 mm	17 mm	28 mm
BN4E4N015A	€ 3,20	15 mm	20,9 mm	18 mm	28 mm
BN4E4N016A	€ 3,20	16 mm	22 mm	18 mm	28 mm
BN4E4N017A	€ 3,20	17 mm	24 mm	18 mm	30 mm
BN4E4N018A	€ 3,84	18 mm	26 mm	18 mm	30 mm
BN4E4N019A	€ 4,05	19 mm	26 mm	20 mm	30 mm
BN4E4N020A	€ 4,76	20 mm	27,1 mm	20 mm	30 mm
BN4E4N021A	€ 4,76	21 mm	28 mm	20 mm	30 mm
BN4E4N022A	€ 5,60	22 mm	30 mm	20 mm	32 mm

BN4E4LX

DEEP 6 POINT HAND SOCKET

DIN 3124.





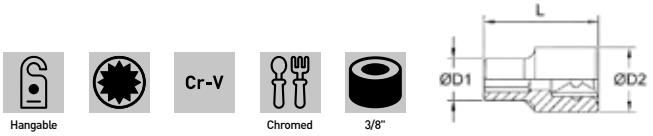
Art.	€	Size	D1	D2	Length
BN4E4L006A	€ 5,60	6 mm	9,3 mm	17 mm	63 mm
BN4E4L007A	€ 5,60	7 mm	10,6 mm	17 mm	62 mm
BN4E4L008A	€ 5,60	8 mm	11,8 mm	17 mm	63 mm
BN4E4L009A	€ 5,60	9 mm	13,2 mm	17 mm	63 mm
BN4E4L010A	€ 5,60	10 mm	14,5 mm	17 mm	63 mm
BN4E4L011A	€ 5,60	11 mm	15,7 mm	17 mm	63 mm
BN4E4L012A	€ 5,60	12 mm	17 mm	16,4 mm	63 mm
BN4E4L013A	€ 5,60	13 mm	18 mm	17 mm	63 mm
BN4E4L014A	€ 6,30	14 mm	19,6 mm	17 mm	63 mm
BN4E4L015A	€ 6,30	15 mm	20,9 mm	18 mm	63 mm
BN4E4L016A	€ 6,30	16 mm	22 mm	18 mm	63 mm
BN4E4L017A	€ 6,30	17 mm	23,4 mm	18 mm	63 mm
BN4E4L018A	€ 7,30	18 mm	24,6 mm	20 mm	63 mm
BN4E4L019A	€ 7,30	19 mm	26 mm	20 mm	63 mm
BN4E4L020A	€ 7,30	20 mm	27,1 mm	20 mm	63 mm
BN4E4L021A	€ 8,60	21 mm	28 mm	20 mm	63 mm
BN4E4L022A	€ 8,60	22 mm	30 mm	20 mm	63 mm

BN4P4NX

STANDARD 12 POINT HAND SOCKET

DIN 3125.





Art.	€	Size	D1	D2	Length
BN4P4N006A	€ 2,35	6 mm	9,3 mm	17 mm	28 mm
BN4P4N007A	€ 2,35	7 mm	10,6 mm	17 mm	28 mm
BN4P4N008A	€ 2,35	8 mm	11,8 mm	17 mm	28 mm
BN4P4N009A	€ 2,35	9 mm	13,2 mm	17 mm	28 mm
BN4P4N010A	€ 2,35	10 mm	14,5 mm	17 mm	28 mm
BN4P4N011A	€ 2,35	11 mm	15,7 mm	17 mm	28 mm
BN4P4N012A	€ 2,35	12 mm	17 mm	16,4 mm	28 mm
BN4P4N013A	€ 2,35	13 mm	18 mm	17 mm	28 mm
BN4P4N014A	€ 2,99	14 mm	20 mm	17 mm	28 mm
BN4P4N015A	€ 2,99	15 mm	20,9 mm	18 mm	28 mm
BN4P4N016A	€ 2,99	16 mm	22 mm	18 mm	28 mm
BN4P4N017A	€ 2,99	17 mm	24 mm	18 mm	30 mm
BN4P4N018A	€ 3,62	18 mm	26 mm	18 mm	30 mm
BN4P4N019A	€ 3,84	19 mm	26 mm	20 mm	30 mm
BN4P4N020A	€ 4,36	20 mm	28 mm	20 mm	30 mm
BN4P4N021A	€ 4,36	21 mm	28 mm	20 mm	30 mm
BN4P4N022A	€ 5,20	22 mm	30 mm	20 mm	32 mm



BN414NX

HEX BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN414N003A	€ 6,10	3 mm	18 mm	48 mm
BN414N004A	€ 6,10	4 mm	18 mm	48 mm
BN414N005A	€ 6,10	5 mm	18 mm	48 mm
BN414N006A	€ 6,10	6 mm	18 mm	48 mm
BN414N007A	€ 6,10	7 mm	18 mm	48 mm
BN414N008A	€ 6,10	8 mm	18 mm	48 mm
BN414N009A	€ 6,10	9 mm	20 mm	48 mm
BN414N010A	€ 6,10	10 mm	20 mm	48 mm
BN414N012A	€ 6,20	12 mm	20 mm	48 mm

BN414LX

LONG HEX BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN414L003A	€ 8,80	3 mm	18 mm	95 mm
BN414L004A	€ 8,80	4 mm	18 mm	95 mm
BN414L005A	€ 8,80	5 mm	18 mm	95 mm
BN414L006A	€ 8,80	6 mm	18 mm	95 mm
BN414L007A	€ 9,00	7 mm	18 mm	95 mm
BN414L008A	€ 9,00	8 mm	18 mm	95 mm
BN414L009A	€ 9,00	9 mm	20 mm	95 mm
BN414L010A	€ 9,00	10 mm	20 mm	95 mm
BN414L012A	€ 10,20	12 mm	20 mm	95 mm

BN424NX

TORX BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN424N010A	€ 6,50	T10	18 mm	48 mm
BN424N015A	€ 6,50	T15	18 mm	48 mm
BN424N020A	€ 6,50	T20	18 mm	48 mm
BN424N025A	€ 6,50	T25	18 mm	48 mm
BN424N027A	€ 6,50	T27	18 mm	48 mm
BN424N030A	€ 6,50	T30	18 mm	48 mm
BN424N040A	€ 6,50	T40	18 mm	48 mm
BN424N045A	€ 6,50	T45	18 mm	48 mm
BN424N050A	€ 7,30	T50	20 mm	48 mm
BN424N055A	€ 8,60	T55	20 mm	48 mm

BN424LX

LONG TORX BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN424L015A	€ 10,70	T15	18 mm	95 mm
BN424L020A	€ 10,70	T20	18 mm	95 mm
BN424L025A	€ 10,70	T25	18 mm	95 mm
BN424L027A	€ 10,70	T27	18 mm	95 mm
BN424L030A	€ 10,70	T30	18 mm	95 mm
BN424L040A	€ 10,70	T40	18 mm	95 mm
BN424L045A	€ 14,30	T45	18 mm	95 mm

BN434NX

RIBE BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN434N004A	€ 13,70	M 4	18 mm	50 mm
BN434N005A	€ 13,90	M 5	18 mm	50 mm
BN434N006A	€ 14,20	M 6	18 mm	50 mm
BN434N007A	€ 14,40	M 7	18 mm	50 mm
BN434N008A	€ 14,70	M 8	18 mm	50 mm
BN434N009A	€ 15,30	M 9	18 mm	50 mm
BN434N010A	€ 16,70	M 10	20 mm	50 mm

BN434LX

LONG RIBE BIT SOCKET



Hangable | Cr-V | Chromed | 3/8"

Art.	€	Size	D2	Length
BN434L004A	€ 14,70	M 4	18 mm	95 mm
BN434L005A	€ 14,90	M 5	18 mm	95 mm
BN434L006A	€ 15,20	M 6	18 mm	95 mm
BN434L007A	€ 15,20	M 7	18 mm	95 mm
BN434L008A	€ 16,00	M 8	18 mm	95 mm
BN434L009A	€ 16,00	M 9	18 mm	95 mm
BN434L010A	€ 19,70	M 10	20 mm	95 mm

BN444NX

XZN BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	€	Size	D2	Length
BN444N004A	€ 10,70	M 4	18 mm	48 mm
BN444N005A	€ 10,70	M 5	18 mm	48 mm
BN444N006A	€ 10,70	M 6	18 mm	48 mm
BN444N008A	€ 10,70	M 8	18 mm	48 mm
BN444N009A	€ 10,70	M 9	20 mm	48 mm
BN444N010A	€ 10,70	M 10	20 mm	48 mm
BN444N012A	€ 11,30	M 12	20 mm	48 mm
BN444N014A	€ 12,10	M 14	20 mm	48 mm

BN444LX

LONG XZN BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	€	Size	D2	Length
BN444L004A	€ 11,70	M 4	18 mm	95 mm
BN444L005A	€ 11,70	M 5	18 mm	95 mm
BN444L006A	€ 11,70	M 6	18 mm	95 mm
BN444L008A	€ 11,70	M 8	18 mm	95 mm
BN444L009A	€ 11,70	M 9	20 mm	95 mm
BN444L010A	€ 12,10	M 10	20 mm	95 mm
BN444L012A	€ 12,90	M 12	20 mm	95 mm
BN444L014A	€ 13,80	M 14	20 mm	95 mm

BN4C4LX

SPARK PLUG SOCKET



Hangable · Cr-V · Chromed

Art.	€	Size	Length
BN4C4L016A	€ 5,30	16 mm	63 mm
BN4C4L018A	€ 7,50	18 mm	63 mm
BN4C4L021A	€ 8,10	21 mm	65 mm

LN400N3/8A € 9,30

SLIDING T BAR



Hangable · Cr-V

Length	200 mm

RN4045NA € 3,20

ADAPTER



Hangable · Cr-V · 3/8" · 1/4"

Length	27 mm

RN4043NA € 3,73

ADAPTER



Hangable · Cr-V · 3/8" · 1/2"

Length	35 mm

JN404NA € 7,30

UNIVERSAL JOINT



Hangable · Cr-V · 3/8"

Length	54 mm

PN404NX

EXTENSION BAR



Hangable · Cr-V · Chromed · 3/8"

Art.	€	Length
PN404N050A	€ 3,62	50 mm
PN404N075A	€ 4,95	75 mm
PN404N150A	€ 6,00	150 mm

EN404NX

WOBBLE EXTENSION BAR



Hangable · Cr-V · Chromed · 3/8"

Art.	€	Length
EN404N038A	€ 4,25	38 mm
EN404N075A	€ 5,30	75 mm
EN404N150A	€ 6,50	150 mm
EN404N250A	€ 10,50	250 mm

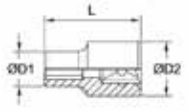
BN4E3NX

STANDARD 6 POINT HAND SOCKET

DIN 3124.



Hangable | Cr-V | Chromed | 1/2"



Art.	€	Size	D1	D2	Length
BN4E3N008A	€ 3,20	8 mm	12,2 mm	22 mm	38 mm
BN4E3N009A	€ 3,20	9 mm	13,5 mm	22 mm	38 mm
BN4E3N010A	€ 3,20	10 mm	15 mm	22 mm	38 mm
BN4E3N011A	€ 3,20	11 mm	16,3 mm	22 mm	38 mm
BN4E3N012A	€ 3,20	12 mm	17,6 mm	22 mm	38 mm
BN4E3N013A	€ 3,20	13 mm	18,8 mm	22 mm	38 mm
BN4E3N014A	€ 3,20	14 mm	20,4 mm	22 mm	38 mm
BN4E3N015A	€ 3,31	15 mm	21 mm	22 mm	38 mm
BN4E3N016A	€ 3,59	16 mm	22 mm	20,5 mm	38 mm
BN4E3N017A	€ 3,84	17 mm	24 mm	22 mm	38 mm
BN4E3N018A	€ 4,16	18mm	25,4 mm	22 mm	38 mm
BN4E3N019A	€ 4,16	19 mm	26 mm	22 mm	38 mm
BN4E3N020A	€ 4,44	20 mm	28 mm	22 mm	38 mm
BN4E3N021A	€ 4,65	21 mm	28 mm	22 mm	38 mm
BN4E3N022A	€ 5,20	22 mm	30 mm	26 mm	38 mm
BN4E3N023A	€ 5,30	23 mm	31,6 mm	26 mm	38 mm
BN4E3N024A	€ 5,30	24 mm	32 mm	26 mm	38 mm
BN4E3N025A	€ 5,90	25 mm	34 mm	26 mm	42 mm
BN4E3N026A	€ 6,00	26 mm	35,4 mm	28 mm	42 mm
BN4E3N027A	€ 6,00	27 mm	36 mm	28 mm	42 mm
BN4E3N028A	€ 6,30	28 mm	38 mm	28 mm	42 mm
BN4E3N029A	€ 6,60	29 mm	38 mm	28 mm	43 mm
BN4E3N030A	€ 6,60	30 mm	40 mm	28 mm	43 mm
BN4E3N032A	€ 6,60	32 mm	42 mm	28 mm	44 mm

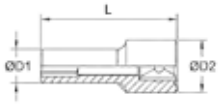
BN4E3LX

DEEP 6 POINT HAND SOCKET

DIN 3124.



Hangable | Cr-V | Chromed | 1/2"



Art.	€	Size	D1	D2	Length
BN4E3L010A	€ 7,00	10 mm	15 mm	22 mm	77 mm
BN4E3L011A	€ 7,00	11 mm	16,3 mm	22 mm	77 mm
BN4E3L012A	€ 7,00	12 mm	17,6 mm	22 mm	77 mm
BN4E3L013A	€ 7,00	13 mm	18,8 mm	22 mm	77 mm
BN4E3L014A	€ 7,30	14 mm	20,4 mm	22 mm	77 mm
BN4E3L015A	€ 7,30	15 mm	21 mm	22 mm	77 mm
BN4E3L016A	€ 7,30	16 mm	22 mm	20,5 mm	77 mm
BN4E3L017A	€ 7,50	17 mm	24 mm	22 mm	77 mm
BN4E3L018A	€ 8,10	18 mm	25,4 mm	22 mm	77 mm
BN4E3L019A	€ 8,10	19 mm	26 mm	22 mm	77 mm
BN4E3L020A	€ 8,50	20 mm	28 mm	22 mm	77 mm
BN4E3L021A	€ 8,80	21 mm	28 mm	22 mm	77 mm
BN4E3L022A	€ 8,80	22 mm	30 mm	26 mm	77 mm
BN4E3L023A	€ 10,60	23 mm	31,6 mm	26 mm	77 mm
BN4E3L024A	€ 11,10	24 mm	32 mm	26 mm	77 mm
BN4E3L027A	€ 15,50	27 mm	36 mm	28 mm	77 mm
BN4E3L030A	€ 16,80	30 mm	40 mm	28 mm	77 mm
BN4E3L032A	€ 16,80	32 mm	42 mm	28 mm	77 mm

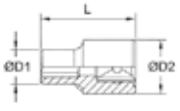
BN4P3NX

STANDARD 12 POINT HAND SOCKET

DIN 3124.



Hangable | Cr-V | Chromed | 1/2"



Art.	€	Size	D1	D2	Length
BN4P3N008A	€ 2,99	8 mm	12,2 mm	22 mm	38 mm
BN4P3N009A	€ 2,99	9 mm	13,5 mm	22 mm	38 mm
BN4P3N010A	€ 2,99	10 mm	15 mm	22 mm	38 mm
BN4P3N011A	€ 2,99	11 mm	16,3 mm	22 mm	38 mm
BN4P3N012A	€ 2,99	12 mm	17,6 mm	22 mm	38 mm
BN4P3N013A	€ 2,99	13 mm	18,8 mm	22 mm	38 mm
BN4P3N014A	€ 2,99	14 mm	20,4 mm	22 mm	38 mm
BN4P3N015A	€ 3,10	15 mm	21 mm	22 mm	38 mm
BN4P3N016A	€ 3,31	16 mm	22 mm	20,5 mm	38 mm
BN4P3N017A	€ 3,62	17 mm	24 mm	22 mm	38 mm
BN4P3N018A	€ 3,94	18 mm	25,4 mm	22 mm	38 mm
BN4P3N019A	€ 3,94	19 mm	26 mm	22 mm	38 mm
BN4P3N020A	€ 4,16	20 mm	28 mm	22 mm	38 mm
BN4P3N021A	€ 4,36	21 mm	28 mm	22 mm	38 mm
BN4P3N022A	€ 4,95	22 mm	30 mm	26 mm	38 mm
BN4P3N023A	€ 5,00	23 mm	31,6 mm	26 mm	38 mm
BN4P3N024A	€ 5,00	24 mm	32 mm	26 mm	38 mm
BN4P3N025A	€ 5,90	25 mm	34 mm	26 mm	42 mm
BN4P3N026A	€ 6,00	26 mm	35,4 mm	28 mm	42 mm
BN4P3N027A	€ 6,00	27 mm	36 mm	28 mm	42 mm
BN4P3N028A	€ 6,30	28 mm	38 mm	28 mm	43 mm
BN4P3N029A	€ 6,60	29 mm	38 mm	28 mm	43 mm
BN4P3N030A	€ 6,60	30 mm	40 mm	28 mm	43 mm
BN4P3N032A	€ 6,60	32 mm	42 mm	28 mm	44 mm

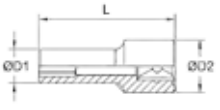
BN4P3LX

DEEP 12 POINT HAND SOCKET

DIN 3124.



Hangable | Cr-V | Chromed | 1/2"



Art.	€	Size	D1	D2	Length
BN4P3L010A	€ 6,60	10 mm	15 mm	22 mm	77 mm
BN4P3L011A	€ 6,60	11 mm	16,3 mm	22 mm	77 mm
BN4P3L012A	€ 6,60	12 mm	17,6 mm	22 mm	77 mm
BN4P3L013A	€ 6,60	13 mm	18,8 mm	22 mm	77 mm
BN4P3L014A	€ 6,80	14 mm	20,4 mm	22 mm	77 mm
BN4P3L015A	€ 6,80	15 mm	21 mm	22 mm	77 mm
BN4P3L016A	€ 6,80	16 mm	22 mm	20,5 mm	77 mm
BN4P3L017A	€ 7,10	17 mm	24 mm	22 mm	77 mm
BN4P3L018A	€ 7,60	18 mm	25,4 mm	22 mm	77 mm
BN4P3L019A	€ 7,60	19 mm	26 mm	22 mm	77 mm
BN4P3L020A	€ 8,00	20 mm	28 mm	22 mm	77 mm
BN4P3L021A	€ 8,30	21 mm	28 mm	22 mm	77 mm
BN4P3L022A	€ 8,80	22 mm	30 mm	26 mm	77 mm
BN4P3L023A	€ 10,60	23 mm	31,6 mm	26 mm	77 mm
BN4P3L024A	€ 10,60	24 mm	32 mm	26 mm	77 mm
BN4P3L027A	€ 15,50	27 mm	36 mm	28 mm	77 mm
BN4P3L030A	€ 16,80	30 mm	40 mm	28 mm	77 mm
BN4P3L032A	€ 16,80	32 mm	42 mm	28 mm	77 mm

BN413NX

HEX BIT SOCKET



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN413N004A	€ 6,10	4 mm	22 mm	55 mm
BN413N005A	€ 6,10	5 mm	22 mm	55 mm
BN413N006A	€ 6,10	6 mm	22 mm	55 mm
BN413N007A	€ 6,70	7 mm	22 mm	55 mm
BN413N008A	€ 6,70	8 mm	22 mm	55 mm
BN413N010A	€ 6,70	10 mm	22 mm	55 mm
BN413N012A	€ 6,70	12 mm	22 mm	55 mm
BN413N014A	€ 8,00	14 mm	24 mm	55 mm
BN413N017A	€ 8,60	17 mm	26 mm	55 mm
BN413N019A	€ 8,60	19 mm	28 mm	55 mm

BN413LX

LONG HEX BIT SOCKET



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN413L004A	€ 8,00	4 mm	22 mm	100 mm
BN413L005A	€ 8,00	5 mm	22 mm	100 mm
BN413L006A	€ 8,00	6 mm	22 mm	100 mm
BN413L007A	€ 8,00	7 mm	22 mm	100 mm
BN413L008A	€ 8,00	8 mm	22 mm	100 mm
BN413L010A	€ 8,00	10 mm	22 mm	100 mm
BN413L012A	€ 8,10	12 mm	22 mm	100 mm
BN413L014A	€ 8,10	14 mm	24 mm	100 mm
BN413L017A	€ 11,70	17 mm	26 mm	100 mm
BN413L019A	€ 12,60	19 mm	28 mm	100 mm

BN423NX

TORX BIT SOCKET



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN423N020A	€ 7,60	T20	22 mm	55 mm
BN423N025A	€ 7,60	T25	22 mm	55 mm
BN423N027A	€ 7,60	T27	22 mm	55 mm
BN423N030A	€ 7,60	T30	22 mm	55 mm
BN423N040A	€ 8,20	T40	22 mm	55 mm
BN423N045A	€ 8,20	T45	22 mm	55 mm
BN423N050A	€ 8,20	T50	22 mm	55 mm
BN423N055A	€ 9,20	T55	22 mm	55 mm
BN423N060A	€ 9,70	T60	22 mm	55 mm
BN423N070A	€ 11,90	T70	22 mm	55 mm

BN423LX

LONG TORX BIT SOCKET



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN423L020A	€ 8,60	T20	22 mm	100 mm
BN423L025A	€ 8,60	T25	22 mm	100 mm
BN423L027A	€ 8,60	T27	22 mm	100 mm
BN423L030A	€ 8,60	T30	22 mm	100 mm
BN423L040A	€ 9,00	T40	22 mm	100 mm
BN423L045A	€ 9,00	T45	22 mm	100 mm
BN423L050A	€ 9,00	T50	22 mm	100 mm
BN423L055A	€ 10,70	T55	22 mm	100 mm
BN423L060A	€ 10,70	T60	22 mm	100 mm
BN423L070A	€ 14,40	T70	22 mm	100 mm

BN433NX

RIBE BIT SOCKET



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN433N008A	€ 8,20	M 8	22 mm	55 mm
BN433N009A	€ 8,20	M 9	22 mm	55 mm
BN433N010A	€ 8,20	M 10	22 mm	55 mm
BN433N012A	€ 9,00	M 12	22 mm	55 mm
BN433N013A	€ 9,60	M 13	24 mm	55 mm
BN433N014A	€ 9,60	M 14	24 mm	55 mm

BN433LX

LONG RIBE BIT SOCKET

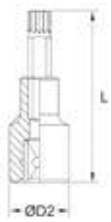


Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN433L008A	€ 10,20	M 8	24 mm	100 mm
BN433L009A	€ 10,20	M 9	24 mm	100 mm
BN433L010A	€ 10,20	M 10	24 mm	100 mm
BN433L012A	€ 11,10	M 12	24 mm	100 mm
BN433L013A	€ 11,10	M 13	24 mm	100 mm
BN433L014A	€ 12,90	M 14	24 mm	100 mm

BN443NX

XZN BIT SOCKET





Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN443N005A	€ 8,60	M 5	22 mm	55 mm
BN443N006A	€ 8,60	M 6	22 mm	55 mm
BN443N008A	€ 8,60	M 8	22 mm	55 mm
BN443N009A	€ 8,60	M 9	22 mm	55 mm
BN443N010A	€ 8,60	M 10	22 mm	55 mm
BN443N012A	€ 9,70	M 12	22 mm	55 mm
BN443N014A	€ 9,70	M 14	24 mm	55 mm
BN443N016A	€ 9,80	M 16	24 mm	55 mm

BN443LX

LONG XZN BIT SOCKET





Hangable | Cr-V | Chromed | 1/2"

Art.	€	Size	D2	Length
BN443L005A	€ 9,80	M 5	22 mm	100 mm
BN443L006A	€ 9,80	M 6	22 mm	100 mm
BN443L008A	€ 9,80	M 8	22 mm	100 mm
BN443L009A	€ 10,30	M 9	22 mm	100 mm
BN443L010A	€ 10,30	M 10	22 mm	100 mm
BN443L012A	€ 10,80	M 12	22 mm	100 mm
BN443L014A	€ 11,40	M 14	24 mm	100 mm
BN443L016A	€ 11,80	M 16	24 mm	100 mm

BN4C3LX

SPARK PLUG SOCKET



Hangable | Cr-V | Chromed

Art.	€	Size	Length
BN4C3L016A	€ 4,95	16 mm	65 mm
BN4C3L018A	€ 5,80	18 mm	65 mm
BN4C3L021A	€ 7,00	21 mm	65 mm

PN403NX

EXTENSION BAR



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Length
PN403N050A	€ 5,10	50 mm
PN403N075A	€ 6,50	75 mm
PN403N150A	€ 9,10	150 mm
PN403N250A	€ 11,20	250 mm

EN403NX

WOBBLE EXTENSION BAR



Hangable | Cr-V | Chromed | 1/2"

Art.	€	Dr.	Length
EN403N050A	€ 6,00	1/2"	50 mm
EN403N075A	€ 6,50	1/2"	75 mm
EN403N125A	€ 9,10	1/2"	125 mm
EN403N250A	€ 15,50	1/2"	250 mm
EN403N500A	€ 26,00	1/2"	500 mm

LN400N1/2A — € 12,60

SLIDING T BAR



Hangable | Cr-V

Length	300 mm

RN4034NA — € 3,73

ADAPTER



Hangable | Cr-V | 1/2" | 3/8"

Length	36 mm

RN4032NA — € 8,60

ADAPTER



Hangable | Cr-V | 1/2" | 3/4"

Length	46 mm

JN403NA — € 10,60

UNIVERSAL JOINT



Hangable | Cr-V | 1/2"

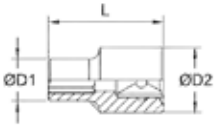
Length	75 mm

BN4E2NX

STANDARD 6 POINT HAND SOCKET

DIN 3124.





Hangable | Cr-V | Chromed | 3/4"

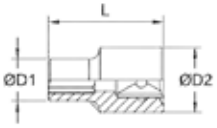
Art.	€	Size	D1	D2	Length
BN4E2N019	€ 8,10	19 mm	30 mm	36 mm	50 mm
BN4E2N020	€ 8,10	20 mm	31 mm	36 mm	50 mm
BN4E2N021	€ 8,10	21 mm	32 mm	36 mm	50 mm
BN4E2N022	€ 8,10	22 mm	33 mm	36 mm	50 mm
BN4E2N023	€ 8,10	23 mm	34 mm	36 mm	50 mm
BN4E2N024	€ 8,10	24 mm	35 mm	36 mm	50 mm
BN4E2N025	€ 8,10	25 mm	36 mm	35 mm	52 mm
BN4E2N026	€ 8,10	26 mm	37 mm	36 mm	52 mm
BN4E2N027	€ 9,60	27 mm	38 mm	36 mm	52 mm
BN4E2N028	€ 9,60	28 mm	39 mm	38 mm	52 mm
BN4E2N029	€ 9,60	29 mm	40 mm	38 mm	52 mm
BN4E2N030	€ 9,60	30 mm	42 mm	38 mm	54 mm
BN4E2N032	€ 9,60	32 mm	43 mm	38 mm	56 mm
BN4E2N033	€ 10,20	33 mm	44 mm	38 mm	56 mm
BN4E2N034	€ 10,20	34 mm	46 mm	38 mm	56 mm
BN4E2N035	€ 10,50	35 mm	47 mm	42 mm	56 mm
BN4E2N036	€ 10,50	36 mm	48 mm	42 mm	58 mm
BN4E2N038	€ 12,60	38 mm	50 mm	42 mm	58 mm
BN4E2N041	€ 14,20	41 mm	52 mm	45 mm	60 mm
BN4E2N046	€ 15,70	46 mm	56 mm	45 mm	64 mm
BN4E2N050	€ 18,90	50 mm	62 mm	48 mm	68 mm
BN4E2N055	€ 23,00	55 mm	68 mm	48 mm	72 mm
BN4E2N060	€ 28,60	60 mm	74 mm	48 mm	76 mm

BN4P2NX

STANDARD 12 POINT HAND SOCKET

DIN 3124.





Hangable | Cr-V | Chromed | 3/4"

Art.	€	Size	D1	D2	Length
BN4P2N019	€ 7,50	19 mm	30 mm	36 mm	50 mm
BN4P2N020	€ 7,50	20 mm	31 mm	36 mm	50 mm
BN4P2N021	€ 7,50	21 mm	32 mm	36 mm	50 mm
BN4P2N022	€ 7,50	22 mm	33 mm	36 mm	50 mm
BN4P2N023	€ 7,50	23 mm	34 mm	36 mm	50 mm
BN4P2N024	€ 7,50	24 mm	35 mm	36 mm	50 mm
BN4P2N025	€ 7,50	25 mm	36 mm	35 mm	52 mm
BN4P2N026	€ 7,50	26 mm	37 mm	36 mm	52 mm
BN4P2N027	€ 9,10	27 mm	38 mm	36 mm	52 mm
BN4P2N028	€ 9,10	28 mm	39 mm	38 mm	52 mm
BN4P2N029	€ 9,10	29 mm	40 mm	38 mm	52 mm
BN4P2N030	€ 9,10	30 mm	42 mm	38 mm	54 mm
BN4P2N032	€ 9,10	32 mm	43 mm	38 mm	56 mm
BN4P2N033	€ 9,60	33 mm	44 mm	38 mm	56 mm
BN4P2N034	€ 10,20	34 mm	46 mm	38 mm	56 mm
BN4P2N035	€ 10,20	35 mm	47 mm	42 mm	56 mm
BN4P2N036	€ 10,20	36 mm	48 mm	42 mm	58 mm
BN4P2N038	€ 11,90	38 mm	50 mm	42 mm	58 mm
BN4P2N041	€ 13,40	41 mm	52 mm	45 mm	60 mm
BN4P2N046	€ 14,90	46 mm	56 mm	45 mm	64 mm
BN4P2N050	€ 17,90	50 mm	62 mm	48 mm	68 mm
BN4P2N055	€ 23,00	55 mm	68 mm	48 mm	72 mm
BN4P2N060	€ 28,60	60 mm	74 mm	48 mm	76 mm

PN402NX

EXTENSION BAR



Hangable | Cr-V | Chromed | 3/4"

Art.	€	Length
PN402N200A	€ 18,90	200 mm
PN402N400A	€ 29,00	400 mm

LN400N3/4A € 31,10

SLIDING T BAR



Hangable | Cr-V

Length	500 mm

RN4023NA € 8,60

ADAPTER



Hangable | Cr-V | Chromed | 3/4" | 1/2"

Length	50 mm

JN402NA € 43,00

UNIVERSAL JOINT



Hangable | Cr-V | Chromed | 3/4"

Length	110 mm

0795/2 — € 64,00

MULTILOCK SOCKET SET

Suitable for metric, inch, torx and XZN bolt.



19 Pcs | Carrying case | Cr-V | Chromed | 1/2"

Sizes	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
Inch size	3/8'' - 7/16'' - 15/32'' - 1/2'' - 19/32'' - 5/8'' - 3/4'' - 25/32'' - 13/16'' - 7/8'' - 15/16'' - 1-1/16'' - 1-13/16'' - 1-1/4'
Torx size	E12 - E14 - E16 - E18 - E20 - E22 - E24 - E26 - E28 - E30 - E34 - E38 - E40
XZN size	M12 - M14 - M16 - M18

0795/1 — € 23,20

MULTILOCK SOCKET SET

Suitable for metric, inch, torx and XZN bolt.



13 Pcs | Carrying case | Cr-V | Chromed | 1/4"

Sizes	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
Inch size	5/32'' - 7/32'' - 1/4'' - 5/16'' - 11/32'' - 3/8'' - 7/16'' - 15/32'' - 1/2''
Torx size	E5 - E6 - E8 - E10 - E12 - E14 - E16 - E18
XZN size	M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 - M18

0195 — € 46,60

E SOCKET SET

Suitable for torx bolt



28 Pcs | Carrying case | Cr-V | Chromed | 1/4" | 3/8" | 1/2"

Torx size	1/4'': E4 - E5 - E6 - E7 - E8 - E10 - E11 3/8'': E4 - E5 - E6 - E7 - E8 - E10 - E11 - E12 - E14 - E16 - E18 - E20 1/2'' : E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24

SN4E5C012 — PRO — € 59,30

LOW PROFILE 12 POINT SOCKET SET

Composed of 11 sockets and 1 60t ratchet handle, suitable for operations in small spaces



12 Pcs | Box | Cr-V | Chromed | 1/4"

Socket	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm

SN4E4C013 — PRO — € 77,50

LOW PROFILE 12 POINT SOCKET SET

Composed of 12 sockets and 1 60t ratchet handle, suitable for operations in small spaces



13 Pcs | Box | Cr-V | Chromed | 3/8"

Socket	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

SN4E3C015 — PRO — € 98,60

LOW PROFILE 12 POINT SOCKET SET

Composed of 14 sockets and 1 60t ratchet handle, suitable for operations in small spaces



15 Pcs | Box | Cr-V | Chromed | 1/2"

Socket	8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 23, 24 mm

0589 € 71,50

LOW PROFILE GO-THROUGH SPLINE SOCKET SET

Composed of 11 go-through spline sockets, one ratchet handle and accessories, suitable for metric, inch, torx and XZN size, can operate in small spaces.



24 Pcs | Carrying case | Cr-V | Chromed | 72 teeth | 1/4"

Socket	4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
Ratchet handle	
Extension	50 mm
Socket	1/4"
Bit holder	
Bits	PH: 1 - 2 - 3 (S2) Torx: T10-T15-T20-T25-T30-T40 (S2)

0624 € 67,30

1/4" DR. SOCKET SET



46 Pcs | Carrying case | Cr-V | Chromed

1/4" Dr. sockets	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
Sockets with bits	1/4" : T8 - T10 - T15 - T20 - T25 - T30 - T40 - H3 - H4 - H5 - H6 - H7 - H8 - SL4 - SL5.5 - SL7 - PH1 - PH2 - PH3 - PZ1 - PZ2 - PZ3
Ratchet handle	1/4"
Flexible bar	1/4" - 150 mm
1/4" Dr. socket-bars	50 - 100 mm
Socket handle	1/4"
Universal joint	1/4"
Sliding T-bar	1/4"
Hex keys	1,27 - 1,5 - 2 - 2.5 mm

S520 € 41,00

1/4" DR. 6 POINT SAE SOCKET SET



20 Pcs | Carrying case | Cr-V | Chromed | 1/4"

1/4" Dr. sockets	5/32", 3/16", 7/32", 1/4", 9/32" 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 9/16"
Universal joint	1/4"
1/4" Dr. socket-bars	2", 4", 6"
Sliding T-bar	1/4"
Socket handle	1/4"
Ratchet handle	1/4"

0679 € 77,00

3/8" AND 1/4" DR. SOCKET SET



42 Pcs | Carrying case | Cr-V | Satin | 1/4" | 3/8"

3/8" Dr. sockets	9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
Spark plug sockets sizes	3/8" : 16 - 21 mm
3/8" Dr. socket-bars	75 - 150 mm
Universal joint	3/8"
Adapter	F. 1/2" - M. 3/8"
Ratchet handle	3/8"
1/4" Dr. sockets	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
Socket handle	1/4"
Adapter	F. 3/8" - M. 1/4"
Bits holder socket	1/4"
Bits	PH1 - PH2 - PH3 - H3 - H4 - H5 - H6 - H7 - SL4 - SL5,5 - SL7

S328 PRO € 134,00

1/2" DR. SOCKET SET



28 Pcs | Carrying case | Cr-V | Chromed | 1/2"

1/2" Dr. sockets	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm
Spark plug sockets sizes	1/2" : 16 - 21 mm
1/2" Dr. socket-bars	75 - 150 - 250 mm
Universal joint	1/2"
Adapter	F. 3/8" - M. 1/2"
Ratchet handle	1/2"

SN4P3N027 PRO € 119,00

1/2" DR. 6 POINT SAE SOCKET SET

Composed of 20 standard sockets, 2 spark plug sockets, 1 ratchet handle, 1 universal joint, 2 extension bars and 1 sliding T-bar.



27 Pcs | Carrying case | Cr-V | Chromed | 1/2"

Standard sockets sizes	5/16", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1",1-1/16", 1-3/16", 1-1/4", 23/32", 1-1/8"
Spark plug sockets sizes	5/8", 13/16"
Extension bars sizes	3", 10"

0620 € 119,00

1/2" DR. SOCKET SET



24 Pcs | Carrying case | Cr-V | Chromed | 1/2"

1/2" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm
Spark plug sockets sizes	1/2" : 21 mm
1/2" Dr. socket-bars	125 - 250 mm
Universal joint	1/2"
Sliding T-bar	1/2"
Ratchet handle	1/2"

0181 € 159,00

3/4" DR. SOCKET SET



20 Pcs | Carrying case | 40 Cr | Satin | 3/4"

Sizes	19 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 - 34 - 36 - 38 - 41 - 46 - 48 - 50 mm
Ratchet handle	3/4"
Sliding T-bar	3/4"
Extension bars	3/4" : 100 - 200 mm

0622 — € 50,70

SOCKET TORX BIT SET



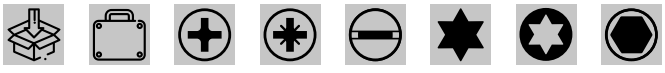


10 Pcs | Box | Satin | 1/2"

Sizes	T20 - T25 - T27 - T30 - T40 T45 - T50 - T55 - T60 - T70

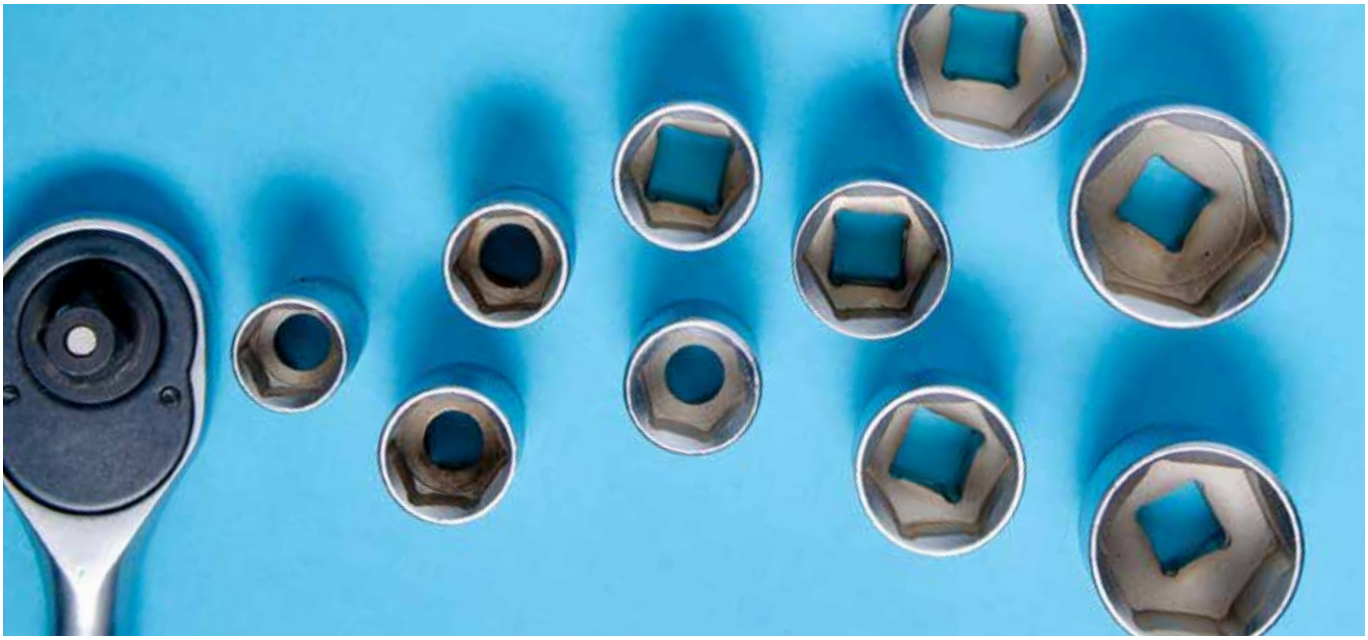
S108 — € 179,00

1/4" & 1/2" DR. SOCKET SET



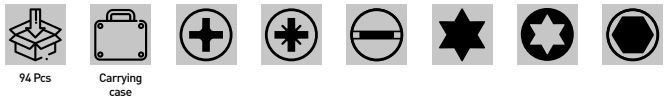
108 Pcs | Carrying case

1/4" Dr. sockets	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
1/4" Dr. deep sockets	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
1/4" Dr. deep sockets	Torx: E4 - E5 - E6 - E7 - E8 mm
1/2" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
1/2" Dr. deep sockets	14 - 15 - 17 - 19 - 22 mm
1/2" Dr. sockets	Torx: E10 - E11 - E12 - E14 - E16 - E18 - E20 - E24
Sockets with bits	1/4" : T8 - T10 - T15 - T20 - T25 - T27 - T30 - H3 - H4 - H5 - H6 - SL4 - SL5.5 - SL6.5 - PH1 - PH2 - Pcs1 - Pcs2
Spark plug sockets sizes	1/2" : 16 - 21 mm
Bits holder socket	1/2"
Bits	5/16" x 30mm : H7 - H8 - H10 - H12 - H14 - SL8 - SL10 - SL12 - PH3 - PH4 - Pcs3 - Pcs4 - T40 - T45 - T50 - T55 - T60
1/4" Dr. socket-bars	50 - 85 mm
1/2" Dr. socket-bars	125 - 250 mm
Socket handle	1/4"
Adapter	F. 3/8" - M. 1/2"
Universal joint	1/4"
Universal joint	1/2"
Sliding T-bar	1/4"
Ratchet handle	1/4"
Ratchet handle	1/2"
Hex keys	1.5 - 2 - 2.5 mm



0618 — € 198,00

1/2" & 1/4" DR. SOCKET SET

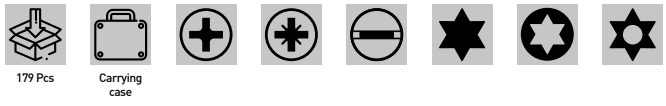




1/4" Dr. sockets	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
1/4" Dr. deep sockets	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
Male adapter 1/4" Dr. and 1/4" hex	
1/2" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm
1/2" Dr. deep sockets	14 - 15 - 17 - 19 mm
Flexible bar	1/4" - 150 mm
Sockets with bits	1/4" : T8 - T10 - T15 - T20 - T25 - T30 - H3 - H4 - H5 - H6 - SL4 - SL5.5 - SL7 - PH1 - PH2 - Pcs1 - Pcs2
Spark plug sockets sizes	1/2" : 16 - 21 mm
Socket for 5/16" inserts	1/2"
Bits	5/16" x 30mm : H8 - H10 - H12 - H14 - SL8 - SL10 - SL12 - PH3 - PH4 - Pcs3 - Pcs4 - T40 - T45 - T50 - T55
1/4" Dr. socket-bars	50 - 100 mm
1/2" Dr. socket-bars	125 - 250 mm
Socket handle	1/4"
Adapter	F. 3/8" - M. 1/2"
Universal joint	1/4"
Universal joint	1/2"
Sliding T-bar	1/4"
Ratchet handle	1/4"
Ratchet handle	1/2"
Hex keys	1.5 - 2 - 2.5 mm

S179 — € 307,00

DR. SOCKET SET





1/4" Dr. sockets	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
1/4" Dr. deep sockets	6 - 7 - 8 - 9 - 10 mm
1/4" Dr. deep sockets	Torx: E4 - E5 - E6 - E7 - E8 mm
1/4" Dr. socket-bars	50 - 100 mm
Sliding T-bar	1/4"
Bits holder socket	1/4"
Sockets with bits	1/4" – Torx: T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30
Sockets with tampered bits	1/4" – Torx: T8H - T9H - T10H - T15H - T20H - T25H - T27H - T30H
Sockets with bits	1/4" : PH0 - PH1 - PH2
Sockets with bits	1/4" : Pcs0 - Pcs1 - Pcs2
Sockets with hex bits	1/4" : 3 - 4 - 5 - 6 mm
Sockets with slotted bits	1/4" : 4 - 5.5 - 6.5 - 7 mm
Universal joint	1/4"
Socket handle	1/4"
Ratchet handle	1/4"
3/8" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
3/8" Dr. sockets	Torx: E10 - E11 - E12 - E13
3/8" Dr. deep sockets	10 - 11 - 12 - 13 - 14 - 15 mm
Spark plug sockets sizes	3/8" - 18 mm
3/8" Dr. socket-bars	150 mm
Socket for 5/16" inserts	3/8"
Universal joint	3/8"
Ratchet handle	3/8"
1/2" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
1/2" Dr. deep sockets	16 - 17 - 18 - 19 - 22 mm
1/2" Dr. sockets	Torx: E16 - E18 - E20 - E24
Spark plug sockets sizes	1/2" : 16 - 21 mm
1/2" Dr. socket-bars	125 - 250 mm
Socket for 5/16" inserts	1/2"
Universal joint	1/2"
Adapter	F. 3/8" - M. 1/2"
Ratchet handle	1/2"
Bits	1/4" x 25 mm XZN: M5 - M6 - M8
Bits	1/4" x 25 mm Torx: T5 - T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30
Bits	1/4" x 25 mm Ribe: RM5 - RM6 - RM7 - RM8 - RM9
Bits	1/4" x 25 mm Torx "5": TS7 - TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45
Bits	5/16" x 30 mm Torx: T40 - T45 - T50 - T55 - T60 - T70
Tampered bits	5/16" x 30 mm Torx: T40H - T45H - T50H - T55H - T60H - T70H
Hex bits	5/16" x 30 mm: 7 - 8 - 10 - 12 - 14 mm
Bits	5/16" x 30 mm: PH3 - PH4
Bits	5/16" x 30 mm: Pcs3 - Pcs4
Slotted bits	5/16" x 30 mm: 8 - 10 - 12 mm
Hex keys	1.3 - 1.5 - 2 - 2.5 - 3 - 4 - 5 mm

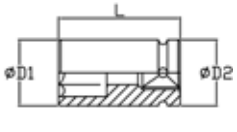
BI4E3NX

STANDARD IMPACT SOCKET

DIN 3129.



Cr-Mo | Phosphated | 1/2"



Art.	€	Size	D1	D2	Length
BI4E3N008	€ 4,04	8 mm	15 mm	24 mm	38 mm
BI4E3N009	€ 4,04	9 mm	16 mm	24 mm	38 mm
BI4E3N010	€ 4,04	10 mm	17,5 mm	24 mm	38 mm
BI4E3N011	€ 4,04	11 mm	18,5 mm	24 mm	38 mm
BI4E3N012	€ 4,04	12 mm	19,5 mm	24 mm	38 mm
BI4E3N013	€ 4,04	13 mm	20,5 mm	24 mm	38 mm
BI4E3N014	€ 4,04	14 mm	22 mm	24 mm	38 mm
BI4E3N015	€ 4,56	15 mm	24 mm	24 mm	38 mm
BI4E3N016	€ 4,56	16 mm	24 mm	24 mm	38 mm
BI4E3N017	€ 4,56	17 mm	26 mm	26 mm	38 mm
BI4E3N018	€ 4,56	18 mm	28 mm	28 mm	38 mm
BI4E3N019	€ 4,56	19 mm	28 mm	28 mm	38 mm
BI4E3N020	€ 5,50	20 mm	30 mm	30 mm	38 mm
BI4E3N021	€ 5,50	21 mm	30 mm	30 mm	38 mm
BI4E3N022	€ 5,50	22 mm	32 mm	30 mm	38 mm
BI4E3N023	€ 5,80	23 mm	34 mm	30 mm	38 mm
BI4E3N024	€ 5,80	24 mm	34 mm	30 mm	38 mm
BI4E3N025	€ 5,80	25 mm	36 mm	30 mm	38 mm
BI4E3N026	€ 6,50	26 mm	36 mm	30 mm	38 mm
BI4E3N027	€ 6,50	27 mm	38 mm	30 mm	42 mm
BI4E3N028	€ 7,70	28 mm	40 mm	30 mm	42 mm
BI4E3N029	€ 7,70	29 mm	42 mm	30 mm	42 mm
BI4E3N030	€ 8,30	30 mm	42 mm	30 mm	42 mm
BI4E3N031	€ 8,50	31 mm	44 mm	30 mm	42 mm
BI4E3N032	€ 9,30	32 mm	44 mm	30 mm	44 mm

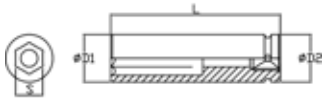
BI4E3LX

DEEP IMPACT SOCKET

DIN 3129.



Cr-Mo | Phosphated | 1/2"



Art.	€	Size	D1	D2	Length
BI4E3L008	€ 6,70	8 mm	15 mm	24 mm	78 mm
BI4E3L009	€ 6,70	9 mm	16 mm	24 mm	78 mm
BI4E3L010	€ 6,70	10 mm	17,5 mm	24 mm	78 mm
BI4E3L011	€ 6,70	11 mm	18,5 mm	24 mm	78 mm
BI4E3L012	€ 6,70	12 mm	19,5 mm	24 mm	78 mm
BI4E3L013	€ 6,70	13 mm	20,5 mm	24 mm	78 mm
BI4E3L014	€ 6,70	14 mm	22 mm	24 mm	78 mm
BI4E3L015	€ 8,00	15 mm	24 mm	24 mm	78 mm
BI4E3L016	€ 8,00	16 mm	24 mm	24 mm	78 mm
BI4E3L017	€ 8,00	17 mm	26 mm	26 mm	78 mm
BI4E3L018	€ 8,00	18 mm	28 mm	28 mm	78 mm
BI4E3L019	€ 8,00	19 mm	28 mm	28 mm	78 mm
BI4E3L020	€ 8,00	20 mm	30 mm	30 mm	78 mm
BI4E3L021	€ 8,00	21 mm	30 mm	30 mm	78 mm
BI4E3L022	€ 8,30	22 mm	32 mm	30 mm	78 mm
BI4E3L023	€ 8,50	23 mm	34 mm	30 mm	78 mm
BI4E3L024	€ 9,70	24 mm	34 mm	30 mm	78 mm
BI4E3L025	€ 10,60	25 mm	36 mm	30 mm	78 mm
BI4E3L026	€ 10,80	26 mm	36 mm	30 mm	78 mm
BI4E3L027	€ 10,80	27 mm	38 mm	30 mm	78 mm
BI4E3L028	€ 11,40	28 mm	40 mm	30 mm	78 mm
BI4E3L029	€ 11,40	29 mm	42 mm	30 mm	78 mm
BI4E3L030	€ 11,40	30 mm	42 mm	30 mm	78 mm
BI4E3L031	€ 11,80	31 mm	44 mm	30 mm	78 mm
BI4E3L032	€ 11,80	32 mm	44 mm	30 mm	78 mm



BI413L0X

IMPACT HEX BIT SOCKET

DIN 3129.



Cr-Mo | Phosphated | 1/2"

Art.	€	Size	D	Length
BI413L004	€ 6,30	4 mm	25 mm	78 mm
BI413L005	€ 6,30	5 mm	25 mm	78 mm
BI413L006	€ 6,30	6 mm	25 mm	78 mm
BI413L008	€ 6,30	8 mm	25 mm	78 mm
BI413L010	€ 6,30	10 mm	25 mm	78 mm
BI413L012	€ 6,30	12 mm	25 mm	78 mm
BI413L014	€ 6,30	14 mm	25 mm	78 mm
BI413L017	€ 7,10	17 mm	25 mm	78 mm
BI413L019	€ 7,70	19 mm	25 mm	78 mm

BI423LX

IMPACT TORX BIT SOCKET

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1/2"

Art.	€	Size	D	Length
BI423L025	€ 7,10	T25	25 mm	78 mm
BI423L027	€ 7,10	T27	25 mm	78 mm
BI423L030	€ 7,10	T30	25 mm	78 mm
BI423L040	€ 7,60	T40	25 mm	78 mm
BI423L045	€ 7,70	T45	25 mm	78 mm
BI423L050	€ 7,70	T50	25 mm	78 mm
BI423L060	€ 10,00	T60	25 mm	78 mm
BI423L070	€ 11,20	T70	25 mm	78 mm
BI423L080	€ 11,60	T80	25 mm	78 mm

BI433MX

IMPACT RIBE BIT SOCKET

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1/2"

Art.	€	Size	D	Length
BI433M004	€ 6,20	4	25 mm	60 mm
BI433M005	€ 6,20	5	25 mm	60 mm
BI433M006	€ 6,20	6	25 mm	60 mm
BI433M007	€ 6,20	7	25 mm	60 mm
BI433M008	€ 6,20	8	25 mm	60 mm
BI433M009	€ 6,20	9	25 mm	60 mm
BI433M010	€ 6,20	10	25 mm	60 mm
BI433M012	€ 7,10	12	25 mm	60 mm
BI433M014	€ 7,70	14	25 mm	60 mm
BI433M016	€ 8,00	16	25 mm	60 mm
BI433M018	€ 8,30	18	25 mm	60 mm

BI443MX

IMPACT XZN BIT SOCKET

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1/2"

Art.	€	Size	D	Length
BI443M004	€ 6,20	4	25 mm	60 mm
BI443M005	€ 6,20	5	25 mm	60 mm
BI443M006	€ 6,20	6	25 mm	60 mm
BI443M008	€ 6,20	8	25 mm	60 mm
BI443M010	€ 6,20	10	25 mm	60 mm
BI443M012	€ 6,20	12	25 mm	60 mm
BI443M014	€ 6,50	14	25 mm	60 mm
BI443M016	€ 6,70	16	25 mm	60 mm
BI443M018	€ 7,20	18	25 mm	60 mm
BI443M020	€ 7,70	20	25 mm	60 mm

PI403X

IMPACT EXTENSION BAR

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1/2"



Art.	€	D	Length
PI403075	€ 8,00	25 mm	75 mm
PI403125	€ 8,70	25 mm	125 mm
PI403150	€ 10,60	25 mm	150 mm
PI403250	€ 13,10	25 mm	250 mm

PI453X

QUICK RELEASE IMPACT EXTENSION BAR

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1/2"



Art.	€	D	Length
PI453075	€ 18,90	25 mm	75 mm
PI453150	€ 20,40	25 mm	125 mm
PI453250	€ 23,00	25 mm	250 mm

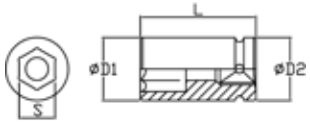
BI4E2NX

STANDARD IMPACT SOCKET

DIN 3129.



Cr-Mo | Phosphated | 3/4"



Art.	€	Size	D1	D2	Length
BI4E2N018	€ 10,60	18 mm	30 mm	44 mm	51 mm
BI4E2N019	€ 10,60	19 mm	32 mm	44 mm	51 mm
BI4E2N020	€ 10,60	20 mm	33 mm	44 mm	51 mm
BI4E2N021	€ 10,60	21 mm	35 mm	44 mm	51 mm
BI4E2N022	€ 10,60	22 mm	36 mm	44 mm	51 mm
BI4E2N023	€ 10,60	23 mm	38 mm	44 mm	51 mm
BI4E2N024	€ 10,60	24 mm	39 mm	44 mm	51 mm
BI4E2N025	€ 10,60	25 mm	41 mm	44 mm	54 mm
BI4E2N026	€ 10,60	26 mm	41 mm	44 mm	54 mm
BI4E2N027	€ 10,60	27 mm	42 mm	44 mm	54 mm
BI4E2N028	€ 11,30	28 mm	44 mm	44 mm	54 mm
BI4E2N029	€ 11,30	29 mm	46 mm	44 mm	54 mm
BI4E2N030	€ 11,30	30 mm	46 mm	44 mm	54 mm
BI4E2N032	€ 12,60	32 mm	48 mm	44 mm	57 mm
BI4E2N033	€ 12,60	33 mm	50 mm	44 mm	57 mm
BI4E2N034	€ 13,60	34 mm	52 mm	44 mm	57 mm
BI4E2N035	€ 13,70	35 mm	52 mm	44 mm	57 mm
BI4E2N036	€ 13,90	36 mm	54 mm	44 mm	57 mm
BI4E2N038	€ 16,20	38 mm	56 mm	44 mm	57 mm
BI4E2N041	€ 18,00	41 mm	60 mm	44 mm	58 mm
BI4E2N046	€ 19,80	46 mm	66 mm	44 mm	68 mm
BI4E2N050	€ 30,80	50 mm	71 mm	54 mm	68 mm
BI4E2N055	€ 37,70	55 mm	77 mm	54 mm	73 mm
BI4E2N060	€ 40,90	60 mm	84 mm	54 mm	75 mm
BI4E2N065	€ 45,80	65 mm	88 mm	54 mm	78 mm

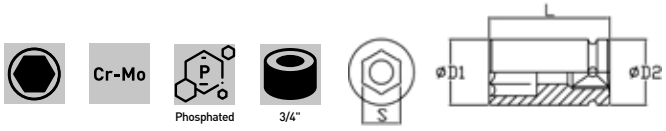
BI4E2LX

DEEP IMPACT SOCKET

DIN 3129.



Cr-Mo | Phosphated | 3/4"



Art.	€	Size	D1	D2	Length
BI4E2L018	€ 18,90	18 mm	30 mm	44 mm	90 mm
BI4E2L019	€ 18,90	19 mm	32 mm	44 mm	90 mm
BI4E2L020	€ 18,90	20 mm	33 mm	44 mm	90 mm
BI4E2L021	€ 18,90	21 mm	35 mm	44 mm	90 mm
BI4E2L022	€ 18,90	22 mm	36 mm	44 mm	90 mm
BI4E2L023	€ 18,90	23 mm	38 mm	44 mm	90 mm
BI4E2L024	€ 18,90	24 mm	39 mm	44 mm	90 mm
BI4E2L025	€ 18,90	25 mm	41 mm	44 mm	90 mm
BI4E2L026	€ 18,90	26 mm	41 mm	44 mm	90 mm
BI4E2L027	€ 18,90	27 mm	42 mm	44 mm	90 mm
BI4E2L028	€ 18,90	28 mm	44 mm	44 mm	90 mm
BI4E2L029	€ 18,90	29 mm	46 mm	44 mm	90 mm
BI4E2L030	€ 18,90	30 mm	46 mm	44 mm	90 mm
BI4E2L032	€ 20,30	32 mm	48 mm	44 mm	90 mm
BI4E2L033	€ 20,30	33 mm	50 mm	44 mm	90 mm
BI4E2L034	€ 20,80	34 mm	52 mm	44 mm	90 mm
BI4E2L035	€ 20,80	35 mm	52 mm	44 mm	90 mm
BI4E2L036	€ 20,80	36 mm	54 mm	44 mm	90 mm
BI4E2L038	€ 24,60	38 mm	56 mm	44 mm	90 mm
BI4E2L041	€ 26,00	41 mm	60 mm	44 mm	90 mm
BI4E2L046	€ 33,80	46 mm	66 mm	44 mm	90 mm
BI4E2L050	€ 42,00	50 mm	71 mm	54 mm	90 mm

PI402X

IMPACT EXTENSION BAR

DIN 3121 & 3129.

Cr-Mo | Phosphated | 3/4"



Art.	€	D	Length
PI402175	€ 30,10	44 mm	175 mm
PI402200	€ 33,20	44 mm	200 mm
PI402300	€ 43,50	44 mm	300 mm
PI402400	€ 61,50	44 mm	400 mm



BI4E1NX

STANDARD IMPACT SOCKET

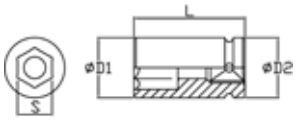
DIN 3129.



Cr-Mo

Phosphated

1"



Art.	€	Size	D1	D2	Length
BI4E1N021	€ 19,50	21 mm	38 mm	54 mm	58 mm
BI4E1N022	€ 19,50	22 mm	39 mm	54 mm	58 mm
BI4E1N023	€ 19,50	23 mm	41 mm	54 mm	58 mm
BI4E1N024	€ 19,50	24 mm	42 mm	54 mm	58 mm
BI4E1N025	€ 19,50	25 mm	43 mm	54 mm	58 mm
BI4E1N026	€ 19,50	26 mm	44 mm	54 mm	58 mm
BI4E1N027	€ 19,50	27 mm	46 mm	54 mm	58 mm
BI4E1N028	€ 19,50	28 mm	47 mm	54 mm	58 mm
BI4E1N029	€ 19,50	29 mm	48 mm	54 mm	58 mm
BI4E1N030	€ 19,50	30 mm	49 mm	54 mm	62 mm
BI4E1N031	€ 19,50	31 mm	50 mm	54 mm	62 mm
BI4E1N032	€ 19,50	32 mm	52 mm	54 mm	62 mm
BI4E1N033	€ 19,50	33 mm	54 mm	54 mm	62 mm
BI4E1N034	€ 21,60	34 mm	54 mm	54 mm	62 mm
BI4E1N035	€ 21,60	35 mm	54 mm	54 mm	62 mm
BI4E1N036	€ 22,40	36 mm	56 mm	54 mm	65 mm
BI4E1N037	€ 22,90	37 mm	57 mm	54 mm	65 mm
BI4E1N038	€ 25,70	38 mm	58 mm	54 mm	65 mm
BI4E1N039	€ 25,70	39 mm	59 mm	54 mm	65 mm
BI4E1N040	€ 25,70	40 mm	60 mm	54 mm	65 mm
BI4E1N041	€ 25,70	41 mm	61 mm	54 mm	68 mm
BI4E1N042	€ 28,80	42 mm	64 mm	54 mm	68 mm
BI4E1N043	€ 28,80	43 mm	66 mm	54 mm	68 mm
BI4E1N044	€ 28,80	44 mm	66 mm	54 mm	68 mm
BI4E1N045	€ 28,80	45 mm	67 mm	54 mm	68 mm
BI4E1N046	€ 28,80	46 mm	68 mm	54 mm	72 mm
BI4E1N047	€ 32,20	47 mm	69 mm	54 mm	72 mm
BI4E1N048	€ 32,20	48 mm	70 mm	54 mm	72 mm
BI4E1N050	€ 32,20	50 mm	74 mm	54 mm	75 mm
BI4E1N052	€ 40,00	52 mm	75 mm	54 mm	75 mm
BI4E1N054	€ 40,00	54 mm	78 mm	54 mm	80 mm
BI4E1N055	€ 41,50	55 mm	80 mm	54 mm	83 mm
BI4E1N056	€ 44,60	56 mm	81 mm	54 mm	83 mm
BI4E1N060	€ 44,60	60 mm	86 mm	54 mm	87 mm
BI4E1N065	€ 48,60	65 mm	92 mm	54 mm	90 mm
BI4E1N070	€ 54,70	70 mm	97 mm	54 mm	93 mm
BI4E1N075	€ 64,70	75 mm	104 mm	86 mm	95 mm
BI4E1N080	€ 91,10	80 mm	112 mm	86 mm	95 mm
BI4E1N085	€ 105,00	85 mm	115 mm	86 mm	100 mm
BI4E1N090	€ 117,00	90 mm	124 mm	86 mm	105 mm
BI4E1N095	€ 147,00	95 mm	130 mm	86 mm	105 mm
BI4E1N100	€ 182,00	100 mm	135 mm	86 mm	105 mm

BI4E1LX

DEEP IMPACT SOCKET

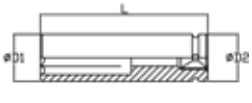
DIN 3129.



Cr-Mo

Phosphated

1"



Art.	€	Size	D1	D2	Length
BI4E1L021	€ 27,10	21 mm	38 mm	54 mm	90 mm
BI4E1L022	€ 27,10	22 mm	39 mm	54 mm	90 mm
BI4E1L023	€ 27,10	23 mm	41 mm	54 mm	90 mm
BI4E1L024	€ 27,10	24 mm	42 mm	54 mm	90 mm
BI4E1L027	€ 27,10	27 mm	46 mm	54 mm	90 mm
BI4E1L028	€ 27,10	28 mm	47 mm	54 mm	90 mm
BI4E1L030	€ 27,10	30 mm	49 mm	54 mm	90 mm
BI4E1L032	€ 27,10	32 mm	52 mm	54 mm	90 mm
BI4E1L033	€ 27,10	33 mm	54 mm	54 mm	90 mm
BI4E1L034	€ 27,40	34 mm	54 mm	54 mm	90 mm
BI4E1L035	€ 27,60	35 mm	54 mm	54 mm	90 mm
BI4E1L036	€ 27,60	36 mm	56 mm	54 mm	90 mm
BI4E1L038	€ 31,80	38 mm	58 mm	54 mm	95 mm
BI4E1L039	€ 33,30	39 mm	59 mm	54 mm	95 mm
BI4E1L040	€ 33,30	40 mm	60 mm	54 mm	95 mm
BI4E1L041	€ 34,20	41 mm	61 mm	54 mm	95 mm
BI4E1L042	€ 34,20	42 mm	64 mm	54 mm	95 mm
BI4E1L043	€ 36,20	43 mm	66 mm	54 mm	95 mm
BI4E1L044	€ 36,20	44 mm	66 mm	54 mm	95 mm
BI4E1L045	€ 36,90	45 mm	67 mm	54 mm	95 mm
BI4E1L046	€ 36,90	46 mm	68 mm	54 mm	95 mm
BI4E1L048	€ 45,10	48 mm	70 mm	54 mm	100 mm
BI4E1L049	€ 46,60	49 mm	72 mm	54 mm	100 mm
BI4E1L050	€ 46,60	50 mm	74 mm	54 mm	100 mm
BI4E1L051	€ 48,10	51 mm	74 mm	54 mm	100 mm
BI4E1L052	€ 48,90	52 mm	74 mm	54 mm	100 mm
BI4E1L054	€ 48,90	54 mm	78 mm	54 mm	100 mm
BI4E1L055	€ 52,60	55 mm	80 mm	54 mm	105 mm
BI4E1L057	€ 54,80	57 mm	82 mm	54 mm	105 mm
BI4E1L060	€ 72,60	60 mm	86 mm	54 mm	110 mm
BI4E1L065	€ 87,20	65 mm	92 mm	54 mm	115 mm
BI4E1L070	€ 86,90	70 mm	97 mm	54 mm	120 mm
BI4E1L075	€ 127,00	75 mm	104 mm	86 mm	135 mm
BI4E1L080	€ 137,00	80 mm	112 mm	86 mm	135 mm
BI4E1L085	€ 144,00	85 mm	115 mm	86 mm	140 mm
BI4E1L090	€ 189,00	90 mm	124 mm	86 mm	140 mm
BI4E1L095	€ 246,00	95 mm	130 mm	86 mm	140 mm

I340 — € 235,00

STANDARD & DEEP IMPACT SOCKET SET



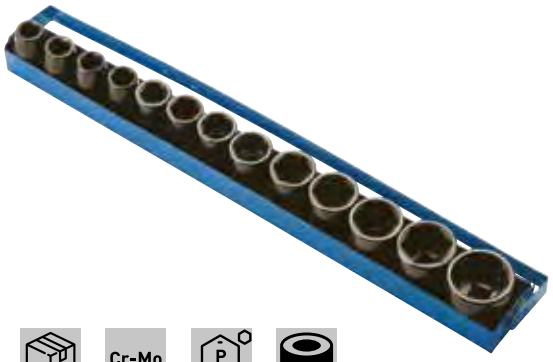
Phosphated · 1/2" · 40 Pcs · Carrying case · Cr-Mo

1/2" Dr. sockets	9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 mm
1/2" Dr. deep sockets	9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 mm
Universal joint	1/2"
1/2" Dr. socket-bars	125 mm

SI4E3N013 — € 59,30

STANDARD IMPACT SOCKET SET

DIN 3129



13 Pcs · Box · Cr-Mo · Phosphated · 1/2"

Socket	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30 mm

SI413M006 — € 51,80

IMPACT HEX BIT SOCKET SET

DIN 3129.



6 Pcs · Carrying case · Cr-Mo · Phosphated · 1/2"

Socket	8, 10, 12, 14, 17, 19 mm
Length	60 mm

SI423M006 — € 59,30

IMPACT TORX BIT SOKET SET

DIN 3129.



6 Pcs · Carrying case · Cr-Mo · Phosphated · 1/2"

Length	60 mm
Socket	T40, T45, T50, T55, T60, T70

0341-X

IMPACT HEX SOCKET WITH PLASTIC SLEEVE



Cr-Mo · 1/2"

Art.	€	Size	Length
0341/17	€ 8,80	17 mm	87 mm
0341/19	€ 8,80	19 mm	87 mm
0341/21	€ 8,80	21 mm	87 mm
0341/22	€ 10,90	22 mm	87 mm
0341/24	€ 12,40	24 mm	87 mm

0341 — € 36,90

DEEP IMPACT HEX SOCKET SET WITH PLASTIC SLEEVE



3 Pcs · Box · Cr-Mo · 1/2"

Sizes	17 - 19 - 21 mm
Length	87 mm

0341/5S — € 51,80

IMPACT HEX SOCKET SET WITH PLASTIC SLEEVE



5 Pcs · Box · Cr-Mo · 1/2"

Sizes	17 - 19 - 21 - 22 - 24 mm
Length	87 mm

0341-XL

LONG IMPACT HEX SOCKET WITH PLASTIC SLEEVE



Cr-Mo · 1/2"

Art.	€	Size	Length
0341/17L	€ 17,20	17 mm	150 mm
0341/19L	€ 17,20	19 mm	150 mm
0341/21L	€ 17,20	21 mm	150 mm

0341/3LS — € 56,90

IMPACT HEX SOCKET SET WITH PLASTIC SLEEVE



3 Pcs · Box · Cr-Mo · 1/2"

Sizes	17 - 19 - 21 mm
Length	150 mm

0341-SX

PLASTIC SLEEVE FOR HEX IMPACT SOCKETS



Plastic

Art.	€	Size
0341/S17	€ 1,03	17 mm
0341/S19	€ 1,03	19 mm
0341/S21	€ 1,03	21 mm
0341/S22	€ 1,03	22 mm
0341/S24	€ 1,03	24 mm

I306 — PRO — € 70,50

LONG IMPACT SOCKET SET



3 Pcs · Box · Cr-Mo · Chromed · 1/2"

Sizes	17 – 19 – 21 mm
Length	150 mm

I217 — € 310,00

METRIC STANDARD IMPACT SOCKET SET



17 Pcs · Carrying case · Cr-Mo · Phosphated · 3/4"

Sizes	19 - 21 - 22 - 24 - 27 - 30 - 32 - 33 - 34 - 35 - 36 - 38 - 40 - 41 - 46 - 50 - 55 mm

SI4E2N008 — € 110,00

STANDARD IMPACT SOCKET SET

DIN 3129.



8 Pcs | Box | Cr-Mo | Phosphated | 3/4"

Socket	26, 27, 29, 30, 32, 35, 36, 38 mm

SI4E1N008 — € 162,00

STANDARD IMPACT SOCKET SET

DIN 3129.



8 Pcs | Box | Cr-Mo | Phosphated | 1"

Socket	24, 27, 30, 32, 33, 36, 38, 41 mm

PI401X

IMPACT EXTENSION BAR

DIN 3121 & 3129.



Cr-Mo | Phosphated | 1"

Art.	€	D	Length
PI401175	€ 41,40	54 mm	175 mm
PI401200	€ 44,50	54 mm	200 mm
PI401250	€ 53,80	54 mm	250 mm
PI401300	€ 57,30	54 mm	300 mm
PI401400	€ 72,60	54 mm	400 mm

IMPACT UNIVERSAL JOINT

1" dr., made of 42crmo2 alloy steel



Cr-Mo | Phosphated

Art.	€	Dr.	D	Length
JI401N	€ 84,70	1"	54 mm	115 mm
JI402N	€ 53,00	3/4"	44 mm	90 mm
JI403N	€ 22,40	1/2"	30 mm	63 mm

I109 — € 177,00

IMPACT SOCKET SET

DIN 3129.



9 Pcs | Carrying case | Cr-Mo | Phosphated | 1"

1" Dr. sockets	21 - 22 - 24 - 26 - 30 - 38 mm
1" Dr. deep sockets	27 - 28 - 32 mm

SI40N006 — € 37,30

IMPACT ADAPTER SET



6 Pcs | Box | Cr-Mo | Phosphated

Sizes	1/4" int. - 3/8" ext.; 3/8" int. - 1/4" ext.; 3/8" int. - 1/2" ext.; 1/2" int. - 3/8" ext.; 1/2" int. - 3/4"
Blow mould case	126 x 100 x 52 mm

JI40XL

IMPACT UNIVERSAL JOINT

Heavy duty, 3/4" dr., made of 42CRMO2 alloy steel.



Cr-Mo | Phosphated

Art.	€	Dr.	Length	D
JI401L	€ 84,70	1"	130 mm	54 mm
JI402L	€ 53,00	3/4"	105 mm	44 mm

RI40X

IMPACT ADAPTER

DIN 3121



Cr-Mo | Phosphated

Art.	€	Female junction	Shank	D	Length
RI4012N	€ 19,70	1"	3/4"	54 mm	70 mm
RI4021N	€ 15,70	3/4"	1"	44 mm	63 mm
RI4023N	€ 12,20	3/4"	1/2"	44 mm	58 mm
RI4032N	€ 8,70	1/2"	3/4"	30 mm	48 mm

0088 € 17,20

MAGNETIC EXTRACTOR WITH LIGHT



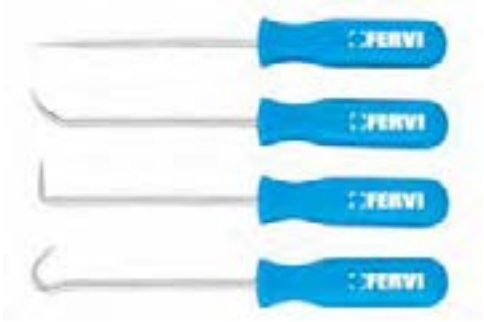
Hangable | Alu Aluminum

Sizes	ø 9 / 17 x 430 mm
Not included batteries	2 x 1.5 V AA

0471 € 5,90

O-RING REMOVAL SET

Suitable for removing motor seals



4 Pcs | Hangable | Steel | Chromed

Length	135 mm

0456 € 5,90

O RING HOOK SET

Equipped of hex handle with magnet



4 Pcs | Hangable | Steel | Chromed

Handle dimensions	8 x 90 mm

E003 € 21,50

HSS SCREW EXTRACTOR SET



5 Pcs | Hangable | HSS | 1/4"

num. 0	2-3 mm
num. 1	4-5 mm
num. 2	6-8 mm
num. 3	8-10 mm
num. 4	10-12 mm

E001 € 14,10

SCREW EXTRACTOR SET



5 Pcs | Box | Steel

num. 1	M3 - M6
num. 2	M6 - M8
num. 3	M8 - M11
num. 4	M11 - M14
num. 5	M14 - M18

E005 € 35,20

BOLT REMOVER SET

External hex



11 Pcs | Box | Cr-Mo | 3/8"

Sizes	9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 mm
Height	27 mm

E191-

3 JAW GEAR PULLER



Box Steel Satin

Art.	€	Dimensions
E191/120	€ 57,60	Max Ø 120 mm - h 101 mm
E191/200	€ 108,00	Max Ø 200 mm - h 150 mm

E190-

2 JAW GEAR PULLER



Box C45 Satin

Art.	€	Dimensions
E190/080	€ 30,00	Max Ø 80 mm - h 100 mm
E190/130	€ 39,20	Max Ø 130 mm - h 100 mm
E190/160	€ 48,20	Max Ø 160 mm - h 150 mm
E190/200	€ 52,00	Max Ø 200 mm - h 150 mm

E190-BX

EXTENDED JAWS



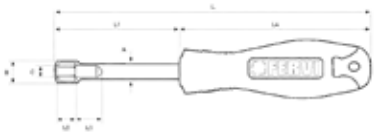
Box C45 Satin

Art.	€	Length
E190/B2	€ 28,80	300 mm

CB01-

NUT DRIVER WITH PLASTIC HANDLE

Ansi





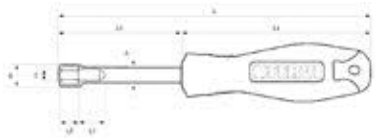
Hangable | Cr-V | Chromed

Art.	€	Size	L	L1	L2	L3	L4	A	B	C
CB01/04	€ 5,80	4 mm	185 mm	75 mm	4 ~ 5 mm	20,5 mm	110 mm	ø 5,9 mm	ø 7 mm	ø 3,3 mm
CB01/05	€ 5,80	5 mm	185 mm	75 mm	4,5 ~ 5,5 mm	20 mm	110 mm	ø 5,9 mm	ø 8,3 mm	ø 3,7 mm
CB01/055	€ 5,80	5,5 mm	185 mm	75 mm	5,5 ~ 6,5 mm	19 mm	110 mm	ø 5,9 mm	ø 9 mm	ø 3,7 mm
CB01/06	€ 5,80	6 mm	185 mm	75 mm	6,5 ~ 7,5 mm	18 mm	110 mm	ø 5,9 mm	ø 9,5 mm	ø 3,7 mm
CB01/07	€ 6,20	7 mm	185 mm	75 mm	7,5 ~ 8,5 mm	17 mm	110 mm	ø 5,9 mm	ø 10,5 mm	ø 3,7 mm
CB01/08	€ 6,20	8 mm	185 mm	75 mm	8,5 ~ 9,5 mm	16 mm	110 mm	ø 7,2 mm	ø 11,9 mm	ø 5 mm
CB01/09	€ 6,20	9 mm	185 mm	75 mm	8,5 ~ 9,5 mm	16 mm	110 mm	ø 7,2 mm	ø 12,8 mm	ø 5 mm
CB01/10	€ 6,70	10 mm	185 mm	75 mm	10,5 ~ 11,5 mm	14 mm	110 mm	ø 9,3 mm	ø 14,1 mm	ø 7 mm
CB01/11	€ 6,70	11 mm	185 mm	75 mm	10,5 ~ 11,5 mm	14 mm	110 mm	ø 9,3 mm	ø 15 mm	ø 7 mm
CB01/12	€ 6,70	12 mm	185 mm	75 mm	10,5 ~ 11,5 mm	14 mm	110 mm	ø 9,3 mm	ø 16 mm	ø 7 mm
CB01/13	€ 6,70	13 mm	185 mm	75 mm	11,5 ~ 12,5 mm	14 mm	110 mm	ø 11 mm	ø 17 mm	ø 8,5 mm

CB02-

HOLLOW NUT DRIVER WITH PLASTIC HANDLE

Ansi





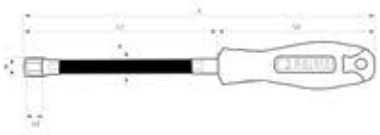
Hangable | Cr-V | Chromed

Art.	€	Size	L	L1	L2	L3	L4	A	B	C
CB02/04	€ 7,30	4 mm	185 mm	75 mm	4 ~ 5 mm	105,5 mm	110 mm	ø 7,2 mm	ø 7 mm	ø 3,3 mm
CB02/05	€ 7,30	5 mm	185 mm	75 mm	4,5~ 5,5 mm	105 mm	110 mm	ø 7,2 mm	ø 8,3 mm	ø 3,7 mm
CB02/055	€ 7,30	5,5 mm	185 mm	75 mm	5,5 ~ 6,5 mm	104 mm	110 mm	ø 7,2 mm	ø 9 mm	ø 3,7 mm
CB02/06	€ 7,30	6 mm	185 mm	75 mm	6,5 ~ 7,5 mm	103 mm	110 mm	ø 7,2 mm	ø 9,5 mm	ø 3,7 mm
CB02/07	€ 7,70	7 mm	185 mm	75 mm	7,5 ~ 8,5 mm	102 mm	110 mm	ø 7,2 mm	ø 10,5 mm	ø 3,7 mm
CB02/08	€ 7,70	8 mm	185 mm	75 mm	8,5 ~ 9,5 mm	101 mm	110 mm	ø 9,3 mm	ø 11,9 mm	ø 5 mm
CB02/09	€ 7,70	9 mm	185 mm	75 mm	8,5 ~ 9,5 mm	101 mm	110 mm	ø 9,3 mm	ø 12,8 mm	ø 5 mm
CB02/10	€ 7,70	10 mm	185 mm	75 mm	10,5 ~ 11,5 mm	100 mm	110 mm	ø 9,3 mm	ø 14,1 mm	ø 7 mm
CB02/11	€ 8,70	11 mm	185 mm	75 mm	10,5 ~ 11,5 mm	100 mm	110 mm	ø 11 mm	ø 15 mm	ø 7 mm
CB02/12	€ 8,70	12 mm	185 mm	75 mm	10,5 ~ 11,5 mm	100 mm	110 mm	ø 11 mm	ø 16 mm	ø 7 mm
CB02/13	€ 9,60	13 mm	185 mm	75 mm	11,5 ~ 12,5 mm	99 mm	110 mm	ø 11 mm	ø 17 mm	ø 8,5 mm

CBF1-

FLEXIBLE NUT DRIVER WITH PLASTIC HANDLE

Ansi





Hangable | Cr-V

Art.	€	Size	L	L1	L2	L3	A	B
CBF1/05	€ 7,30	5 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 11,8 mm
CBF1/055	€ 7,30	5,5 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 11,8 mm
CBF1/06	€ 7,30	6 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 11,8 mm
CBF1/07	€ 7,30	7 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 11,8 mm
CBF1/08	€ 7,30	8 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 11,8 mm
CBF1/09	€ 7,40	9 mm	265 mm	150 mm	9,5 mm	115 mm	ø 11 mm	ø 13 mm
CBF1/10	€ 7,70	10 mm	265 mm	150 mm	10 mm	115 mm	ø 11 mm	ø 14,5 mm
CBF1/11	€ 8,20	11 mm	265 mm	150 mm	9 mm	115 mm	ø 11 mm	ø 15,9 mm
CBF1/12	€ 8,20	12 mm	265 mm	150 mm	9 mm	115 mm	ø 11 mm	ø 17 mm
CBF1/13	€ 8,20	13 mm	265 mm	150 mm	8,5 mm	115 mm	ø 11 mm	ø 17,8 mm

CBF1/10P — € 71,20

FLEXIBLE NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet



10 Pcs | Box | Cr-V

Sizes	5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

CB01/04P — € 26,40

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent



4 Pcs | Box | Cr-V | Chromed

Sizes	10 - 11 - 12 - 13 mm

CB01/07P — € 40,40

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet



7 Pcs | Box | Cr-V | Chromed

Sizes	4 - 5 - 5.5 - 6 - 7 - 8 - 9 mm

CB01/11P — € 65,40

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet



11 Pcs | Box | Cr-V | Chromed

Sizes	4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

CB02/04P — € 33,70

HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet with deep hole



4 Pcs | Box | Cr-V | Chromed

Sizes	10 - 11 - 12 - 13 mm

CB02/07P — € 52,80

HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet with deep hole



7 Pcs | Box | Cr-V | Chromed

Sizes	4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 mm

CB02/11P — € 85,60

HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponenet with deep hole



11 Pcs | Box | Cr-V | Chromed

Sizes	4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

DIN 2380-1, with black blade and tricomponent handle made of highly elastic TPR resin and oil-resistant polypropylene material. The diamond tip allows a perfect grip, avoiding to ruin the head of the screw. This type of tip is also very effective with already ruined screws.



D883- PRO

ELECTRICIAN FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	€	Size	Pole length	Total length
D883/3075	€ 2,98	3 mm	75 mm	115 mm
D883/4100	€ 4,04	4 mm	100 mm	145 mm

D884- PRO

FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	€	Size	Pole length	Total length
D884/3075	€ 3,17	3 mm	75 mm	115 mm
D884/4100	€ 3,84	4 mm	100 mm	145 mm
D884/5125	€ 4,33	5 mm	125 mm	170 mm
D884/6150	€ 5,00	6 mm	150 mm	200 mm
D884/8150	€ 6,10	8 mm	150 mm	210 mm

D882- PRO

CROSS SCREWDRIVER PH WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	€	Size	Pole length	Total length
D882/1075	€ 4,33	PH 1	75 mm	120 mm
D882/2100	€ 5,60	PH 2	100 mm	150 mm
D882/3150	€ 6,30	PH 3	150 mm	210 mm

D884/6038 PRO € 3,75

FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	6 mm
Pole length	38 mm
Total length	70 mm

D885- PRO

CROSS SCREWDRIVER PZ WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	€	Size	Pole length	Total length
D885/1075	€ 4,33	PZ 1	75 mm	120 mm
D885/2100	€ 5,50	PZ 2	100 mm	150 mm
D885/3150	€ 6,30	PH 3	10 mm	210 mm

D882/2038 PRO € 3,84

CROSS SCREWDRIVER PH WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	PH 2
Pole length	38 mm
Total length	70 mm

D880/006 PRO € 23,90

DIAMOND TIP SCREWDRIVER SET



6 Pcs | Hangable | Diamond coated

Sizes Slot	(-) 4 x 100 mm, (-) 5 x 125 mm, (-) 6 x 150 mm
Cross	(+) PH 1 x 75 mm, (+) PH 2 x 100 mm, (+) PH 3 x 150 mm

D885/2038 PRO € 3,75

CROSS SCREWDRIVER PZ WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	PZ 2
Pole length	38 mm
Total length	70 mm

C883-

ELECTRICIAN SCREWDRIVER, HANGING PACKAGE

Slotted, with black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant



Hangable | Cr-V | Chromed

Art.	€	Size	Pole length
C883/3075	€ 1,73	3 mm	75 mm
C883/4100	€ 2,55	4 mm	100 mm

C884-

SLOTTED SCREWDRIVER, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



Hangable | Cr-V | Chromed

Art.	€	Size	Pole length
C884/3075	€ 1,73	3 mm	75 mm
C884/4100	€ 2,67	4 mm	100 mm
C884/5125	€ 3,17	5 mm	125 mm
C884/6150	€ 3,56	6 mm	150 mm
C884/8150	€ 4,15	8 mm	150 mm

C884/6038 € 2,77

SLOTTED SCREWDRIVER, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



Hangable | Cr-V | Chromed

Size	6 mm
Pole length	38 mm

C882-

CROSS SCREWDRIVER PH, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant



Hangable | Cr-V | Chromed

Art.	€	Size	Pole length
C882/1075	€ 3,17	PH 1	75 mm
C882/2100	€ 4,15	PH 2	100 mm
C882/3150	€ 4,42	PH 3	150 mm

C882/2038 € 2,77

CROSS SCREWDRIVER PH, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant



Hangable | Cr-V | Chromed

Size	PH 2
Pole length	38 mm

C885-

CROSS SCREWDRIVER PZ, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant



Hangable | Cr-V | Chromed

Art.	€	Size	Pole length
C885/1075	€ 3,17	PZ 1	75 mm
C885/2100	€ 4,15	PZ 2	100 mm
C885/3150	€ 4,42	PZ 3	150 mm

C885/2038 — € 2,77

CROSS SCREWDRIVER PZ, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



Hangable · Cr-V · Chromed

Size	PZ 2
Pole length	38 mm

C880/006 — € 16,20

SCREWDRIVER SET

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



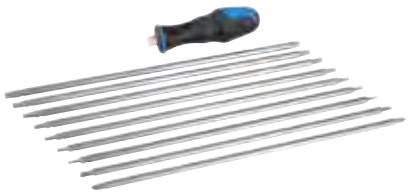
6 Pcs · Hangable · Cr-V · Chromed

Sizes Slot	(-) 4 x 100 mm, (-) 5 x 125 mm, (-) 6 x 150 mm
Cross	(+) PH 1 x 75 mm, (+) PH 2 x 100 mm, (+) PH 3 x 150 mm

0887 — € 36,10

EXTRA LONG INTERCHANGEABLE SCREWDRIVER SET

9 pcs double ended blades, with tampared torx and tampared security tox with 5 lobes



10 Pcs · Hangable · Mo-V · Satin

Tamper proof tee star	T10 - T15 - T20 - T25 - T27 - T30 - T40
Tampared security Torx	TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40
Slotted	4 - 5 mm
Length	300 mm

C881- — NEW

TORX SCREWDRIVER, HANGING PACKAGE

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



Hangable · Cr-V · Chromed

Art.	€	Sizes
C881/07075	€ 1,15	T7x75mm
C881/08075	€ 1,15	T8x75mm
C881/10075	€ 1,15	T10x75mm
C881/15100	€ 1,68	T15x100mm
C881/20100	€ 1,68	T20x100mm
C881/25125	€ 1,84	T25x125mm
C881/27125	€ 1,84	T27x125mm
C881/30150	€ 2,39	T30x150mm
C881/35150	€ 2,87	T35x150mm
C881/40150	€ 2,87	T40x150mm

C881/006 — NEW — € 10,50

TORX SCREWDRIVER SET

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



6 Pcs · Hangable · Cr-V · Chromed

Torx size	T10x75mm, T15x100mm, T20x100mm, T25x125mm, T27x125mm, T30x150mm

0633 — € 15,10

SCREWDRIVER SET



6 Pcs · Box · Cr-V · Chromed

Sizes Slot	(-) 5,0x1,0x75 mm, (-) 6,0x1,2x100 mm, (-) 6,0x1,2x125 mm, (-) 8,0x1,2x150 mm
Cross	(+) PH 1x5x75 mm, (+) PH 2x6x100 mm

0634 € 11,90

SCREWDRIVER SET



Cr-V
Chromed
6 Pcs
Box

Sizes Slot	(-) 4x0,8x75 mm, (-) 5,5x1,0x100 mm, (-) 6,5x1,2x150 mm
Cross	(+) PH 0x3x75 mm, (+) PH 1x5x100 mm, (+) PH 2x6x125 mm

0880/307 € 19,40

SCREWDRIVER SET



Mo-V
7 Pcs
Box

Slotted	(-) 3,0x0,5x75 mm, (-) 4,0x0,8x100 mm, (-) 5,5x1,0x125 mm, (-) 6,5x1,2x150 mm, (-) 8,0x1,2x150 mm
Cross	(+) PH 1x80 mm, (+) PH 2x100 mm

0881/008 € 16,20

SCREWDRIVER TORX SET



8 Pcs
Box
Mo-V
Chromed

Tee star	T 7x60 - T 8x60 - T 9x60 - T 10x80 - T 15x80 - T 20x100 - T 25x100 - T 30x115 mm

CI82- PRO

INSULATED CROSS SCREWDRIVER

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



Mo-V

Art.	€	Size	Pole length	Total length
CI82/0060	**€ 2,88**	PH0 x 3 mm	60 mm	160 mm
CI82/1080	**€ 3,75**	PH1 x 4.5 mm	80 mm	185 mm
CI82/2100	**€ 4,42**	PH2 x 6 mm	100 mm	210 mm
CI82/3150	**€ 7,30**	PH3 x 8 mm	150 mm	265 mm

CI83- PRO

INSULATED SLOT SCREWDRIVER

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



Mo-V

Art.	€	Size	Pole length	Total length
CI83/25075	**€ 2,88**	0.4 x 2.5 mm	75 mm	175 mm
CI83/30100	**€ 3,75**	0.6 x 3 mm	100 mm	200 mm
CI83/40100	**€ 3,75**	0.8 x 4 mm	100 mm	200 mm
CI83/55125	**€ 4,04**	1 x 5.5 mm	125 mm	230 mm
CI83/65150	**€ 5,30**	1.2 x 6.5 mm	150 mm	260 mm
CI83/80175	**€ 7,00**	1.6 x 8 mm	175 mm	290 mm

CI80/006 PRO € 21,70

INSULATED SCREWDRIVER SET

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



6 Pcs
Hangable
Mo-V

Sizes Slot	(-) 0,6 x 3 x 100 mm, (-) 0,8 x 4 x 100 mm, (-) 1 x 5,5 x 125 mm
Cross	(+) PH 0 x 3 x 60 mm, (+) PH 1 x 4,5 x 80 mm, (+) PH 2 x 6 x 100 mm

0355 € 18,80

ELECTRICIAN'S SCREWDRIVER



7 Pcs | Box | Cr-Mo

Sizes Slot	(-) 0,4x2,5x85 mm, (-) 0,8x4,0x100 mm, (-) 1,0x5,5x125 mm, (-) 1,2x6,5x150 mm
Cross	(+) PH 0x75 mm, (+) PH 1x100 mm, (+) PH 2x100 mm

0083 € 11,30

IMPACT DRIVER

Supplied in plastic box



7 Pcs | Box | Steel | Satin

Dimensions	165 x 42 mm
Bits	6
Shank	5/16"

P883- PRO

SLOT PRECISION SCREWDRIVER

DIN 2380-1, with burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip



Cr-V | Phosphated

Art.	€	Size	Pole length	Total length
P883/1250	€ 2,69	1,2 mm	50 mm	140 mm
P883/1650	€ 2,69	1,6 mm	50 mm	140 mm
P883/1850	€ 2,69	1,8 mm	50 mm	140 mm
P883/2050	€ 2,69	2,0 mm	50 mm	140 mm
P883/2450	€ 2,69	2,4 mm	50 mm	140 mm
P883/3050	€ 2,69	3,0 mm	50 mm	140 mm
P883/3550	€ 2,69	3,5 mm	50 mm	140 mm
P883/4050	€ 2,69	4,0 mm	50 mm	140 mm

P882- PRO

PH PRECISION SCREWDRIVER

DIN 8764, with burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip



Cr-V | Phosphated

Art.	€	Size	Pole length	Total length
P882/0150	€ 2,69	PH 1	50 mm	140 mm
P882/1050	€ 2,69	PH 0	50 mm	140 mm
P882/2050	€ 2,69	PH 00	50 mm	140 mm

P881- PRO

TORX PRECISION SCREWDRIVER

With burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip.



Cr-V | Phosphated

Art.	€	Size	Pole length	Total length
P881/0550	€ 2,69	T5	50 mm	140 mm
P881/0650	€ 2,69	T6	50 mm	140 mm
P881/0750	€ 2,69	T7	50 mm	140 mm
P881/0850	€ 2,69	T8	50 mm	140 mm
P881/0950	€ 2,69	T9	50 mm	140 mm
P881/1050	€ 2,69	T10	50 mm	140 mm
P881/1550	€ 2,69	T15	50 mm	140 mm

P886- PRO

HEXAGONAL PRECISION SCREWDRIVER

DIN ISO 2936, with burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip



Cr-V | Phosphated

Art.	€	Size	Pole length	Total length
P886/1350	€ 2,69	1,3 mm	50 mm	140 mm
P886/1550	€ 2,69	1,5 mm	50 mm	140 mm
P886/2050	€ 2,69	2,0 mm	50 mm	140 mm
P886/2550	€ 2,69	2,5 mm	50 mm	140 mm
P886/3050	€ 2,69	3,0 mm	50 mm	140 mm

P880/06S — PRO — € 14,90

PRECISION SCREWDRIVER SERIES

With burnished magnetic tip, handle in bicomponent material with free end part to rotate for a perfect grip.



6 Pcs · Hangable · Cr-V

Slotted	1.2 x 50 mm, 2.0 x 50 mm, 3.0 x 50 mm
Cross	PH 00 x 50 mm, PH 0 x 50 mm, PH 1 x 50 mm

P881/06S — PRO — € 14,90

TORX PRECISION SCREWDRIVER SERIES

With burnished magnetic tip, handle in bicomponent material with free end part to rotate for a perfect grip.



6 Pcs · Hangable · Cr-V · Phosphated

Tee star	T5 x 50 mm, T6 x 50 mm, T7 x 50 mm, T8 x 50 mm, T9 x 50 mm, T10

0245 — € 10,70

PRECISION SCREWDRIVER SET



6 Pcs · Hangable · Cr-V

Cross	00x50 - 0x50 mm
Slotted	1,5x50 - 2x50 - 2,5x50 - 3x50 mm

0207 — € 14,40

DOUBLE HEAD SCREWDRIVER BIT SET



9 Pcs · Box · Cr-V · Chromed

Blade length	110 mm
Handle length	170 mm

0829 — € 6,00

PRECISION SCREWDRIVER AND SPANNER SET



16 Pcs · Box · Steel

0082 — € 1,47

PRECISION SCREWDRIVER SET



6 Pcs · Blister · Steel

Slot 4 Pcs	4 Pcs 1,4x20 mm - 2x23 mm - 2,4x24 mm - 3x27 mm
Cross 2 Pcs	2 Pcs PH 1x30 mm - PH 0x25 mm

0466/DM — € 1,93

SCREWDRIVERS MAGNETIZER/ DEMAGNETIZER



Blister · ABS

Dimensions	52 x 50 x 28.5 mm

0888 — € 21,60

L-SHAPED DRIVER

Bits inside the handle



5 Pcs · Hangable · Aluminum · Satin · 1/4"

PIF1 — € 8,20

FLEXIBLE NUT DRIVER





Hangable | Cr-V | 1/4"

L	265 mm
L1	150 mm
L2	9,5 mm
L3	115 mm
A	10 mm
B	11,8 mm

0562 — PRO NEW — € 5,70

SHANK MAGNETIC HANDLE

Tricomponent handle made of highly elastic TPR resin and oil-resistant polypropylene material



Hangable | Cr-V | Chromed | 1/4"

Length	200 mm

0562N — PRO NEW — € 4,64

SHANK MAGNETIC HANDLE

Tricomponent handle made of highly elastic TPR resin and oil-resistant polypropylene material



Hangable | Cr-V | Chromed | 1/4"

Length	110 mm

0304 — € 6,90

1/4 SHANK MAGNETIC HANDLE



Hangable | Chromed | 1/4"

0548 — € 12,50

STUBBY RATCHET SCREWDRIVERS

With one bit, to use for tight and loose in reduced space



Hangable | Cr-V | Satin | 72 teeth | 1/4"

Dimensions	ø 29 x 60 mm

0406 — € 3,47

QUICK CHANGE 6 POINT BIT HOLDER



Expositor | Cr-V | Chromed | 1/4"

Length	60 mm

0407 — € 3,84

BIT HOLDER

Straight and 90° , easy to use in small spaces



8 Pcs | Hangable

Length	105 mm
Phillips	1 - 2
Pozi-driv	1 - 2
Slotted	2 - 3 - 4 mm

0089 — € 1,79

BIT SET



7 Pcs | Hangable

Phillips	1 - 2
Pozi-driv	1 - 2
Slotted	4 - 6 mm

0358 — € 30,80

SCREWDRIVER BIT AND SOCKET SET

122 Pcs | Box | Cr-V | Satin | 1/4"



Bits	
Phillips	0 - 1 - 2 (x5 Pcs/Pcs) - 3
Pozi-driv	0 - 1 – 2 (x5 Pcs/Pcs) - 3
Slotted	3 - 4 - 4,5 - 5 – 5,5 - 6 - 6.5 - 7 - 8 mm
Spanner	4 - 6 - 8 - 10
Tee star	8 - 10 - 15 - 20 - 25 - 27 - 30 – 40 - 45
Tripley	1 - 2 - 3 - 4
Tamper proof tee star	8 - 10 - 15 - 20 - 25 - 27 - 30 - 35 - 40
Tee cross	6 - 8 - 10
Metric hex	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 mm
Square	0 - 1 - 2 - 3
Inch hex	1/16 - 5/64 - 3/32 - 7/64 - 1/8 – 9/64 - 5/32 - 3/16 - 7/32 -
Spline	M5 - M6 - M8
Hex tamper proof	2 - 2,5 - 3 - 4 - 5 - 6 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32
Clutch	1 - 2 - 3
Male adapter 1/4" Dr. and 1/4" hex	25 mm
Male adapter 1/4" Dr. and 1/4" hex	50 mm
"Y" adapter	1 Pcs
Bit holder	1 Pcs
Magnetic bit holder	60 mm
Bit Holder	1 Pcs
Nut bit driver	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 5/32 - 3/13 - 7/32 -

0626L — € 20,70

LONG BIT SET

With magnetic holder

33 Pcs | Hangable | Mo-V | Satin



Length	50 mm
Bits	
Tamper proof tee star	T7 - T8 - T10 - T15 - T20 - T25 - T30 - T35 - T40
Hex tamper proof	6 - 5 - 4 - 3 - 2.5 - 2 mm
Hex tamper proof	5/32 - 9/64 - 1/8 - 7/64 - 3/32 - 5/64
Spanner	4 - 6 - 8 - 10
Tee cross	6 - 8 - 10
Tri-wing	1 - 2 - 3 - 4

0626 — € 9,30

BIT SET

With magnetic holder

33 Pcs | Hangable | Mo-V | Satin | 1/4"



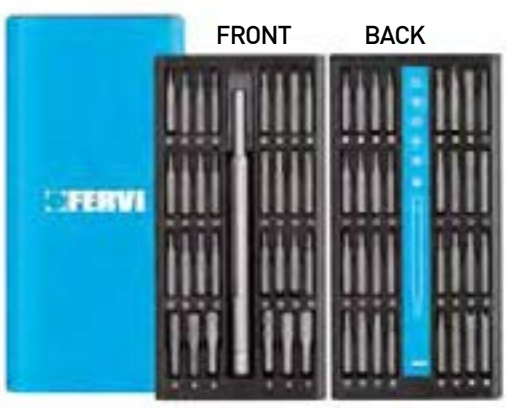
Bits	
Tee star	T7 - T8 - T10 - T15 - T20 - T25 - T30 - T35 - T40
Hexagonal	
Metric	6 - 5 - 4 - 3 - 2,5 - 2 mm
Inch	5/32 - 9/64 - 1/8 - 7/64 - 3/32 - 5/64
Spanner	4 - 6 - 8 - 10
Tee cross	6 - 8 - 10
Tri-wing	1 - 2 - 3 - 4

PI063 — NEW € 25,80

MULTIFUNCTION REPAIR TOOL KIT

62 pieces kit with magnetic revolving handle for precision repair of your tools, including smartphones, watches and appliances. The magnetic tray and the click-clack function allow to keep the bits organized without losing them.

63 Pcs | Box | Cr-V



Magnetic bit holder	1
Phillips	PH00000-PH0000-PH000-PH00-PH0-PH1-PH2
Slotted	1.0 - 1.3 - 1.5 - 2.0 - 2.5 - 3.0 - 4.0
Hexagonal	0.7 - 0.9 - 1.3 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0
Pozi-driv	PZ000 - PZ00 - PZ0 - PZ1
Square	0 - 1 - 2
"Y" adapter	Y0.6 - Y1.5 - Y2.3 - Y3.0
Pentagram	0.8 - 1.2 - 1.5 - 2.0
Triangle	2.0 - 2.3 - 3.0
U Type	U2.3 - U2.6
G	G3.8 - G4.5
M	M2.5 - M3.0- M4.0
MID	
ICS	

0403 — € 16,70

HEX BIT AND SOCKET SET

Composed of , 6 sockets, 1 socket adapter and 1 ratchet screwdriver bit holder



26 Pcs | Blister | Cr-V | Mo-V | Nickel plated | 1/4" | 1/4"

Ratchet bit handle	1
Magnetic bit holder	1
Socket	25 mm
Socket	5 - 6 - 7 - 8 - 9 -10 mm
Slotted	3 - 4 - 5 - 6 - 7 mm
Phillips	0 - 1 - 2 - 3
Pozi-driv	0 - 1 - 2 - 3
Square bits	S0 - S1 - S2 - S3

0404 — € 14,70

HEX BIT AND SOCKET SET

With nichel coated bits made of S2 steel, sockets made of CR-V steel and quick change bit holder.



35 Pcs | Blister | Cr-V | Mo-V | Nickel plated | 1/4" | 1/4"

Socket	25 mm
Magnetic bit holder	1
Socket holder extension	1
Socket	5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 mm
Slotted	3 - 4 - 5 - 5,5 - 6 - 7 mm
Phillips	0 - 1 - 2 - 3
Pozi-driv	0 - 1 - 2 - 3
Square bits	S0 - S1 - S2 - S3
Tee star	T10 - T15 - T20 - T25 -T30 -T40

0402 — € 17,30

HEX BIT SET

Made of s2 steel and nichel coated, composed of 40 bits and 1 72t ratchet handle



41 Pcs | Blister | Cr-V | Mo-V | Nickel plated | 1/4" | 1/4"

Shank	1/4"
Slotted	3 - 4 - 5 - 5,5 - 6 - 7 mm
Phillips	2 x 0 - 2 x 1 - 2 x 2 - 2 x 3
Pozi-driv	2 x 0 - 2 x 1 - 2 x 2 - 2 x 3
Square bits	S0 - S1 - S2 - S3
Tee star	T10 - T15 - T20 - T25 - T27 - T30 - T40
Hexagonal	2 - 2,5 - 3 - 4 - 5 - 5,5 - 6mm

0104 — € 35,30

SOCKET SET



40 Pcs | Carrying case | Cr-V | Satin | 1/2" | 3/8"

1 Socket bit 1/2"	10 mm
1 Socket bit 3/8"	10 mm
7 Hex bits 4-5-6-7-8-10-12 mm	30 mm
7 Hex bits 4-5-6-7-8-10-12 mm	75 mm
5 Bits "XZN" 5-6-8-10-12 mm	30 mm
5 Bits "XZN" 5-6-8-10-12 mm	75 mm
Bits TORX T20-T25-T30-T40-T45-T50-T55	30 mm
Bits TORX T20-T25-T30-T40-T45-T50-T55	75 mm

0640 — € 21,60

BIT SET





100 Pcs | Box | Satin | 1/4"

Bits	
Phillips	0 - 1 - 2 (x5 Pcs/Pcs) - 3
Pozi-driv	0 - 1 – 2 (x5 Pcs/Pcs) - 3
Slotted	3 - 4 - 4,5 - 5 – 5,5 - 6 - 6.5 - 7 - 8 mm
Spanner	4 - 6 - 8 - 10
Tee star	8 - 10 - 15 - 20 - 25 - 27 - 30 – 40 - 45
Tripley	1 - 2 - 3 - 4
Tamper proof tee star	8 - 10 - 15 - 20 - 25 - 27 - 30 - 35 - 40
Tee cross	6 - 8 - 10
Metric hex	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 mm
Square	0 - 1 - 2 - 3
Inch hex	1/16 - 5/64 - 3/32 - 7/64 - 1/8 – 9/64 - 5/32 - 3/16 - 7/32 - 1/4
Spline	M5 - M6 - M8
Hex tamper proof	2 - 2,5 - 3 - 4 - 5 - 6 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32
Clutch	1 - 2 - 3

0277 — € 31,70

HEX BIT AND SOCKET SET

With bit holder and ratchet handle





58 Pcs | Box | 1/4" | 1/4"

Bits	25 mm
Phillips (25 mm)	1 - 2 - 3
Pozi-driv	1 - 2 - 3
Slotted	3,5 - 4,5 - 5,5 - 6,5 mm
Spanner	4 - 6 - 8
Tee star	10 - 15 - 20 - 25 - 27 - 30 - 40
Tri-wing	1 - 2 - 3 - 4
Tee cross	6 - 8 - 10
Hexagonal	2 - 3 - 4 - 5 - 6 - 8 mm
Square	1 - 2 - 3
Spline	5 - 6 - 8
Clutch	1 - 2 - 3
Hex. sockets	5 - 6 - 7 - 8 - 10 mm
Hex. sockets	3/16 - 1/4 - 9/32 - 5/16 - 3/8
Socket	1/4"
"Y" adapter	1
Socket	1
Magnetic bit holder	1
Bit Holder	1
Ratchet handle	1/4"



IS25-ESX PRO

HEXAGONAL BITS

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/ES2	€ 0,54	2 mm	25 mm	10
IS25/ES25	€ 0,54	2.5 mm	25 mm	10
IS25/ES3	€ 0,54	3 mm	25 mm	10
IS25/ES4	€ 0,54	4 mm	25 mm	10
IS25/ES5	€ 0,54	5 mm	25 mm	10
IS25/ES6	€ 0,54	6 mm	25 mm	10
IS25/ES8	€ 0,82	8 mm	25 mm	10
IS25/ES10	€ 1,31	10 mm	25 mm	10

IS25-PHX PRO

CROSS BITS PH

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/PH0	€ 0,36	PH0 mm	25 mm	20
IS25/PH1	€ 0,36	PH1 mm	25 mm	20
IS25/PH2	€ 0,36	PH2 mm	25 mm	20
IS25/PH3	€ 0,36	PH3 mm	25 mm	20

IS25-PHXAS PRO

CROSS BITS PH ANTI SLIP

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/PH1AS	€ 0,58	PH1 mm	25 mm	10
IS25/PH2AS	€ 0,58	PH2 mm	25 mm	10
IS25/PH3AS	€ 0,58	PH3 mm	25 mm	10

IS25-PZX PRO

CROSS BITS PZ

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/PZ1	€ 0,36	PZ1 mm	25 mm	20
IS25/PZ2	€ 0,36	PZ2 mm	25 mm	20
IS25/PZ3	€ 0,36	PZ3 mm	25 mm	20

IS25-PZXAS PRO

CROSS BITS PZ ANTI SLIP

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/PZ1AS	€ 0,58	PZ1 mm	25 mm	10
IS25/PZ2AS	€ 0,58	PZ2 mm	25 mm	10
IS25/PZ3AS	€ 0,58	PZ3 mm	25 mm	10

IS25-TGX PRO

SLOTTED BITS

DIN 3126.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/TG3	€ 0,44	3 x 0.5 mm	25 mm	10
IS25/TG4	€ 0,44	4 x 0.8 mm	25 mm	10
IS25/TG5.5	€ 0,44	5.5 x 0.8 mm	25 mm	10
IS25/TG6	€ 0,44	6 x 1 mm	25 mm	10
IS25/TG8	€ 0,77	8 x 1.2 mm	25 mm	10

IS25-TXX PRO

TORX BITS

DIN 3126



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS25/TX10	€ 0,44	T10 mm	25 mm	10
IS25/TX15	€ 0,44	T15 mm	25 mm	10
IS25/TX20	€ 0,44	T20 mm	25 mm	10
IS25/TX25	€ 0,44	T25 mm	25 mm	10
IS25/TX30	€ 0,44	T30 mm	25 mm	10
IS25/TX35	€ 0,44	T35 mm	25 mm	10
IS25/TX40	€ 0,44	T40 mm	25 mm	10
IS25/TX45	€ 1,15	T45 mm	25 mm	10
IS25/TX50	€ 1,15	T50 mm	25 mm	10
IS25/TX55	€ 1,31	T55 mm	25 mm	10

IS50-ESX PRO

HEXAGONAL BITS

DIN 3126, turn-down body.



Mo-V · Phosphated · 1/4"

Art.	€	Size	Length	Pack
IS50/ES2	€ 1,11	2 mm	50 mm	5
IS50/ES25	€ 0,91	2.5 mm	50 mm	5
IS50/ES3	€ 0,91	3 mm	50 mm	5
IS50/ES4	€ 0,91	4 mm	50 mm	5
IS50/ES5	€ 0,91	5 mm	50 mm	5
IS50/ES6	€ 0,91	6 mm	50 mm	5
IS50/ES8	€ 1,15	8 mm	50 mm	5
IS50/ES10	€ 1,15	10 mm	50 mm	5

IS50-PHX PRO

CROSS BITS PH

DIN 3126, with turn-down body.



Art.	€	Size	Length	Pack
IS50/PH1	€ 0,73	PH 1 mm	50 mm	10
IS50/PH2	€ 0,73	PH 2 mm	50 mm	10
IS50/PH3	€ 0,73	PH 3 mm	50 mm	10

IS50-PZX PRO

CROSS BITS PZ

DIN 3126, with turn-down body.



Art.	€	Size	Length	Pack
IS50/PZ1	€ 0,73	PZ1 mm	50 mm	10
IS50/PZ2	€ 0,73	PZ2 mm	50 mm	10
IS50/PZ3	€ 0,73	PZ3 mm	50 mm	10

IS50-TGX PRO

SLOTTED BITS

DIN 3126, with turn-down body.

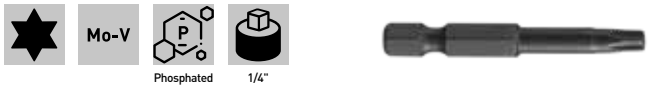


Art.	€	Size	Length	Pack
IS50/TG3	€ 1,15	3 x 0.5 mm	50 mm	5
IS50/TG4	€ 1,15	4 x 0.8 mm	50 mm	5
IS50/TG5.5	€ 1,15	5.5 x 0.8 mm	50 mm	5
IS50/TG6	€ 1,15	6 x 1 mm	50 mm	5
IS50/TG8	€ 1,31	8 x 1.2 mm	50 mm	5

IS50-TXX PRO

TORX BITS

DIN 3126, with turn-down body.

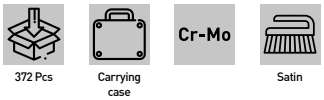


Art.	€	Size	Length	Pack
IS50/TX10	€ 1,31	T10 mm	50 mm	5
IS50/TX15	€ 1,31	T15 mm	50 mm	5
IS50/TX20	€ 1,31	T20 mm	50 mm	5
IS50/TX25	€ 1,31	T25 mm	50 mm	5
IS50/TX30	€ 1,31	T30 mm	50 mm	5
IS50/TX35	€ 1,31	T35 mm	50 mm	5
IS50/TX40	€ 1,31	T40 mm	50 mm	5

S018 € 86,50

HAND RIVETER SET





Rivets	50 x ø2,4 mm - 50 x ø3,2 mm - 50 x ø4.0 mm - 50 x ø4,8 mm
Nut rivets	50 x M3 - 50 x M4 - 25 x M5 - 25 x M6 - 20 x M8

0455 PRO € 95,20

DOUBLE HAND NUT RIVETER

With 7 nosepieces



15 Pcs | Carrying case | Steel | Tempered

Nosepieces	M3 – M4 – M5 – M6 – M8 – M10 – M12
Length	400 mm

0469 PRO € 52,80

HAND NUT RIVETER

With 4 nosepieces. Ergonomic handles.



10 Pcs | Box | Steel | Tempered

Nosepieces	M3 – M4 – M5 – M6
Length	200 mm

0453 PRO € 42,70

DOUBLE HAND RIVETER

Long levers for effortless working, even with 6.4mm rivets. Plastic container, under the riveting tool, to collect the pins of the used rivets to be recycled.



Box | Steel | Tempered

Rivets	Ø 3,2 – 4,0 – 4,8 – 6,4 mm
Length	400 mm

0454 PRO € 48,10

DOUBLE HAND RIVETER WITH ROTATING HEAD

For rivets from 3.2mm to 6.4mm. Long levers for effortless working, even with 6.4mm rivets. Plastic container, under the riveting tool, to collect the pins of the used rivets to be recycled.



Box | Steel | Tempered

Rivets	Ø 3,2 – 4,0 – 4,8 – 6,4 mm
Length	400 mm

0470 PRO € 17,30

HAND RIVETER WITH MULTI-SIDES BLOCKER

With rotating head - 4 positions



Hangable | Steel | Tempered

Rivets	2,4 mm – 3 / 32", 3,2 mm – 1 / 8", 4,0 mm – 5 / 32", 4,8 mm – 3 / 16"

0789 € 17,30

HAND RIVETER



Hangable | Alu (Aluminum)

Rivets	Ø 2,4 ÷ 4,8 mm
Length	255 mm

0058 € 14,30

10.5" HAND RIVETER SET



Hangable | Steel

Rivets	Ø 2,4 ÷ 4,0 mm

0124 € 11,40

10.5" HAND RIVETER



Hangable | Steel

Rivets	Ø 2,4 ÷ 4,0 mm

0872/P — PRO — € 65,30

DOUBLE JOINT LONG PLIER SET

3 Pcs · Hangable · Cr-V · Chromed



Length	335 mm
Length	300 mm

0872/PDD — PRO — € 24,50

DOUBLE X LONG REACH PLIER LONG NOSE

Hangable · Cr-V · Chromed



Length	335 mm
Thickness	10 mm

0872/PCD — PRO — € 24,50

DOUBLE X LONG REACH PLIER LONG BENT NOSE 45°

Hangable · Cr-V · Chromed



Length	335 mm
Thickness	10 mm

0872/OPD — PRO — € 25,50

DOUBLE X LONG REACH PLIER

With round tips and grip not inferior to 8mm

Hangable · Cr-V · Chromed



Length	335 mm
Thickness	10 mm

0873-U — PRO

COMBINATION PLIERS

Hangable · Cr-V · Chromed



Art.	€	Length	Thickness
0873/U6	**€ 8,00**	160 mm	11 mm
0873/U7	**€ 8,50**	180 mm	10,5 mm
0873/U8	**€ 9,60**	200 mm	12 mm

0873-BD — PRO

LONG NOSE PLIERS

Hangable · Cr-V · Chromed



Art.	€	Length	Thickness
0873/BD6	**€ 6,90**	160 mm	9 mm
0873/BD8	**€ 8,70**	200 mm	10 mm

0873-BC — PRO

BENT NOSE PLIERS 45°

Hangable · Cr-V · Chromed



Art.	€	Length	Thickness
0873/BC6	**€ 6,90**	160 mm	9 mm
0873/BC8	**€ 8,70**	200 mm	10 mm

0873/TL — PRO — € 7,50

DIAGONAL SIDE CUTTING NIPPERS

Hangable · Cr-V · Chromed



Length	160 mm
Thickness	9 mm

0873/TF PRO € 9,50
END CUTTING NIPPERS

Blister
Cr-V
Chromed



Length	160 mm
Thickness	11 mm

0020/1 € 5,10
EXTRA LONG NOSE MINI PLIERS

Blister
Steel
Chromed



Length	150 mm

0020/2 € 3,84
BENT NOSE PLIERS

Blister
Steel
Chromed



Length	125 mm

0020/3 € 4,18
FLAT NOSE MINI PLIERS

Blister
Steel
Chromed



Length	125 mm

0020/4 € 4,09
LONG NOSE MINI PLIERS

Blister
Steel
Chromed



Length	125 mm

0020/5 € 4,61
END CUTTING NIPPERS

Blister
Steel
Chromed



Length	110 mm

0020/6 € 4,45
DIAGONAL SIDE CUTTING NIPPERS

Blister
Steel
Chromed



Length	110 mm

0020 € 15,80
FINE POLISHED MINI PLIER SET



5 Pcs
Blister
Steel
Chromed

Length	110 ÷ 125 mm

08X
COMBINATION PLIERS



Hangable Satin

Art.	€	Length	Thickness
0810	€ 5,50	160 mm	11 mm
0811	€ 6,80	180 mm	11 mm
0850	€ 7,50	200 mm	13 mm

08XX
LONG NOSE PLIERS



Hangable Satin

Art.	€	Length	Thickness
0812	€ 5,60	160 mm	10 mm
0851	€ 7,10	200 mm	11 mm

0813 € 6,10
BENT NOSE PLIERS 45°



Hangable Satin

Length	160 mm
Thickness	10 mm

0814 € 5,10
DIAGONAL SIDE CUTTING NIPPERS



Hangable Satin

Length	160 mm
Thickness	10 mm

0841 PRO € 21,70
RATCHET CRIMPING TOOL
With release lever



Blister Steel

For insulated terminals	Ø 0,8 ÷ 3,5 mm / 0,25 ÷ 6 mm2 AWG 22-10
Length	230 mm
Thickness	12 mm

0843 PRO € 22,60
RATCHET CRIMPING TOOL
With release lever



Blister Steel

For barrel open terminals	Ø 1 ÷ 3,5 mm / 0,5 ÷ 6 mm2 AWG 20-10
Length	230 mm
Thickness	12 mm

0847 PRO € 70,80
CRIMPING PLIERS FOR END SLEEVES TERMINALS
With release lever



Blister Steel Satin

Terminals	0,25 ÷ 6 mm2 AWG 23-10
Length	175 mm
Thickness	12 mm

0628 PRO € 17,10
MODULAR PLUG CRIMPING TOOL
With release knob



Blister Steel

Electric plugs	RJ-11 (6P4C); RJ-12 (6P6C); RJ-45 (8P8C)

0826 — € 27,70

CRIMPING PLIER AND WIRE STRIPPER

Car and computer crimping plier with wire stripper for thin wire



Blister Steel

Length	215 mm
Terminals	AWG 30-26 - AWG 24-20 - AWG 18-14
Cutting capacity	ø 0,25 - 0,3 - 0,4 - 0,5 - 0,65 - 0,8 - 1,0 mm AWG30 - AWG28 - AWG26 - AWG24 - AWG22 - AWG20 - AWG18

0122 — € 9,30

UNIVERSAL CRIMPING PLIER SET

With insulated terminals



Blister Steel

Length	220 mm

024XE — NEW

CIRCLIP PLIERS

External straight nose



Hangable Cr-V

Art.	€	Circlips	Length
0246	€ 10,80	Ø 19 ÷ 60 mm	175 mm
0636	€ 9,10	Ø 10 ÷ 25 mm	150 mm
0674	€ 8,20	Ø 3 ÷ 10 mm	125 mm
0676	€ 10,40	Ø 32 ÷ 80 mm	225 mm

024XI — NEW

CIRCLIP PLIERS

Internal straight nose



Hangable Cr-V

Art.	€	Circlips	Length
0248	€ 10,80	Ø 19 ÷ 60 mm	175 mm
0638	€ 9,10	Ø 8 ÷ 25 mm	150 mm
0619	€ 8,20	Ø 3 ÷ 10 mm	125 mm
0631	€ 10,40	Ø 32 ÷ 80 mm	225 mm

063XE — NEW

CIRCLIP PLIERS

External curved nose



Hangable Cr-V

Art.	€	Circlips	Length
0247	€ 10,80	Ø 19 ÷ 60 mm	175 mm
0637	€ 9,10	Ø 10 ÷ 25 mm	150 mm
0108	€ 8,20	Ø 3 ÷ 10 mm	125 mm
0324	€ 10,40	Ø 32 ÷ 80 mm	225 mm

063XI — NEW

CIRCLIP PLIERS

Internal curved nose



Hangable Cr-V

Art.	€	Circlips	Length
0249	€ 10,80	Ø 19 ÷ 60 mm	175 mm
0639	€ 9,10	Ø 8 ÷ 25 mm	150 mm
0340	€ 8,20	Ø 3 ÷ 10 mm	125 mm
0364	€ 10,40	Ø 32 ÷ 80 mm	225 mm

0136 — € 22,80

NYLON CLAMP SET

Automotive hose



3 Pcs Blister Nylon

Length	158 - 185 - 254 mm
Hose diameter	10 - 15 - 24 mm

0603 — PRO € 97,00

AUTO REPAIRING PLIERS SET FOR CARS ZIP TIES



9 Pcs Carrying case Steel

0118 € 4,75

WATER PUMP PLIERS

6 positions



Hangable Steel

Length	240 mm

0831- PRO

WATER PUMP PLIERS

DIN ISO 8976/C, 7 positions.



Hangable Cr-V

Art.	€	Length
0831/175	**€ 7,70**	175 mm
0831/250	**€ 9,10**	250 mm
0831/300	**€ 11,20**	300 mm

0834- NEW

TOWER PINCERS

DIN ISO 9242.



Hangable Steel

Art.	€	Length
0834	**€ 5,50**	220 mm
0834/200	**€ 4,66**	200 mm
0834/250	**€ 5,80**	250 mm
0834/280	**€ 7,30**	280 mm

0206 € 6,50

CARPENTER PINCER

Carpenter pincer



Hangable Steel

Length	200 mm

0121 € 23,70

LOCKING L-GRIP CLAMP



Box Steel Satin

Length	230 mm
Adjustable	0 ÷ 155 mm

0120 € 9,30

4 POSITIONS ADJUSTABLE LOCK WRENCH



Box Steel Satin

Length	230 mm
Opening	18 - 39 - 43 mm

0119 € 6,80

ADJUSTABLE LOCK WRENCH



Box Steel Satin

Length	220 mm

0379 € 11,60

FOUR JAWS ADJUSTABLE LOCK WRENCH



Box Steel Satin

Length	225 mm

0368-
AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Art.	€	Length
0368/7	€ 26,20	160 mm
0368/10	€ 33,50	230 mm

0370-
LONG NOSE AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Art.	€	Length
0370/8	€ 28,50	200 mm
0370/11	€ 40,70	275 mm

0373-
"C" NOSE AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Art.	€	Length	Opening
0373/9	€ 32,70	210 mm	65 mm
0373/11	€ 39,50	300 mm	95 mm

0130-
HEAVY DUTY PIPE WRENCH



Cr-V

Art.	€	Dimensions	Max Opening
0130/350	€ 15,10	350 mm - 14"	50 mm
0130/600	€ 23,30	600 mm - 24"	90 mm

0225-
45° BENT NOSE PIPE WRENCH



Cr-V

Art.	€	Dimensions	Max Opening
0225/340	€ 19,10	340 mm - 1"	46 mm
0225/440	€ 28,70	440 mm - 1,5"	62 mm
0225/580	€ 35,60	580 mm - 2"	72 mm
0225/700	€ 48,40	700 mm - 3"	100 mm

0227-
90° BENT NOSE PIPE WRENCH



Cr-V

Art.	€	Dimensions	Max Opening
0227/340	€ 19,10	340 mm - 1" mm	41 mm
0227/440	€ 27,30	415 mm - 1,5" mm	55 mm
0227/580	€ 39,50	580 mm - 2" mm	75 mm
0227/700	€ 53,80	700 mm - 3" mm	100 mm

0511 € 36,10

SLEDGE HAMMER

With safety fiberglass plastic handle with black rubber grip



Glass fiber

Length	820 mm
Head weight	3,50 kg
Net weight	4,45 kg

0780 € 9,60

CLA W HAMMER

With safety fiberglass plastic handle with black rubber grip



Glass fiber

Net weight	500 g

0154-

MACHINIST'S HAMMER GERMAN TYPE

DIN 1041.



Wood

Art.	€	Net weight
0154/100DIN	€ 2,70	100 g
0154/200DIN	€ 3,83	200 g
0154/300DIN	€ 4,02	300 g
0154/400DIN	€ 5,30	400 g
0154/500DIN	€ 5,60	500 g
0154/600DIN	€ 6,20	600 g
0154/800DIN	€ 6,90	800 g
0154/1000DIN	€ 10,20	1000 g
0154/1500DIN	€ 11,30	1500 g
0154/2000DIN	€ 14,40	2000 g

0781 € 12,20

STONING HAMMER

DIN 6475, with safety fiberglass plastic handle with black rubber grip.



Glass fiber

Length	260 mm
Net weight	1000 g

0514-

MACHINIST'S HAMMER GERMAN TYPE

DIN 1041, with safety fiberglass plastic handle with black rubber grip.



Glass fiber

Art.	€	Net weight
0514/200	€ 5,10	200 g
0514/300	€ 6,30	300 g
0514/400	€ 7,50	400 g
0514/500	€ 9,00	500 g
0514/1000	€ 13,40	1000 g

0153-

STONING HAMMER

DIN 6475.



Wood

Art.	€	Net weight
0153/800DIN	€ 6,90	800 g
0153/1000DIN	€ 7,60	1000 g
0153/1250DIN	€ 9,30	1250 g
0153/1500DIN	€ 10,80	1500 g

0169-

CLAW HAMMER ITALIAN TYPE

Magnetic



Wood

Art.	€	Net weight
0169/300	€ 6,90	300 g
0169/400	€ 8,30	400 g

0216/400 € 8,00

CHIPPING HAMMER

With wooden handle



Wood

Handle length	380 mm
Net weight	400 g

0239/400 € 9,90

CHIPPING HAMMER

With fiberglass plastic handle with black rubber grip



Glass fiber

Handle length	380 mm
Net weight	400 g

0148/500 € 4,12

RUBBER MALLET



Wood

Head	ø 65 mm
Net weight	500 g

0243-

TWO WAY MALLET



Glass fiber

Art.	€	Head	Net weight
0243/30	€ 5,40	ø 30 mm	350 g
0243/40	€ 7,60	ø 40 mm	500 g

0794-

TWO WAY RUBBER MALLET

Equipped of fiberglass handle



Glass fiber

Art.	€	Head	Net weight
0794/350	€ 5,50	ø 55 mm	350 g
0794/450	€ 7,70	ø 58 mm	500 g

0808-

MALLET

Aluminium with anatomic handle and polyethylene heads



Wood

Art.	€	Head	Net weight
0808/35	€ 18,20	ø 35 mm	350 g
0808/60	€ 43,20	ø 60 mm	800 g

033X

DEAD BLOW RUBBER MALLET



Art.	€	Head	Net weight
0336	€ 11,90	ø 45 mm	500 g
0337	€ 13,40	ø 50 mm	900 g

0839- PRO

DEAD BLOW MALLET

Nylon, spare part head



made in Italy

Art.	€	Head	Net weight
0839/40	€ 50,10	ø 40 mm	750 g
0839/50	€ 58,30	ø 50 mm	1000 g
0839/60	€ 65,30	ø 60 mm	1500 g

0839-XT

SPARE PART HEAD

For dead blow mallet 0839-



made in Italy

Art.	€	Head
0839/40T	€ 11,80	ø 40 mm
0839/50T	€ 11,80	ø 50 mm
0839/60T	€ 17,20	ø 60 mm

072X PRO

DEAD BLOW NYLON MALLET

With monoblock body made of shock resistant aluminium alloy. Anatomic handle made of non-sliding wood. Internal mass composed of lead balls. Changeable heads made of non-deformable nylon.



made in Italy

Art.	€	Head	Net weight
0726	€ 70,40	ø 40 mm	550 g
0727	€ 82,40	ø 50 mm	900 g
0728	€ 89,80	ø 60 mm	1100 g

073X

SPARE PART HEAD

For dead blow nylon mallet 072x.



made in Italy

Art.	€	Head	Pack
0729	€ 20,90	ø 40 mm	2
0730	€ 24,90	ø 50 mm	2
0731	€ 32,30	ø 60 mm	2

G009 € 15,80

SAFE SPRING HOOK

To put in safety tools when working on ladders or scaffolds

Blister

INOX





Capacity	5 kg
Length	430 ÷ 1600 mm



B006-

CENTER PUNCH

DIN 7250, with octagonal body.



Hangable | Cr-Mo

Art.	€	Sizes	Length
B006/4	€ 3,95	4 mm	120 mm
B006/5	€ 5,40	5 mm	150 mm

S022-

CHISEL FOR METAL



Hangable | Cr-Mo

Art.	€	Dimensions	Length
S022/18	€ 8,00	18 mm	150 mm
S022/21	€ 10,90	21 mm	200 mm
S022/25	€ 14,80	25 mm	250 mm
S022/26	€ 14,40	26 mm	240 mm

C015 PRO € 60,20

DRIFT PIN SET

With octagonal body and hand guard



7 Pcs | Hangable | Cr-Mo | Chromed

Sizes	ø 2 - 3 - 4 - 5 - 6 - 7 - 8 mm

C012-

DRIFT PIN

With octagonal body



Hangable | Cr-Mo

Art.	€	Dimensions	Length
C012/02	€ 4,55	ø 2 mm	150 mm
C012/03	€ 4,55	ø 3 mm	150 mm
C012/04	€ 4,55	ø 4 mm	150 mm
C012/05	€ 5,10	ø 5 mm	150 mm
C012/06	€ 5,60	ø 6 mm	150 mm
C012/08	€ 6,20	ø 8 mm	150 mm

C015- PRO

DRIFT PIN

With octagonal body and hand guard



Hangable | Cr-Mo | Chromed

Art.	€	Size	Length
C015/2	€ 7,10	ø 2 x 8 mm	140 mm
C015/3	€ 7,50	ø 3 x 8 mm	150 mm
C015/4	€ 8,10	ø 4 x 10 mm	180 mm
C015/5	€ 8,40	ø 5 x 10 mm	220 mm
C015/6	€ 9,90	ø 6 x 12 mm	210 mm
C015/7	€ 9,90	ø 7 x 12 mm	210 mm
C015/8	€ 10,20	ø 8 x 12 mm	220 mm

0126 € 13,90

DRIFT PIN SET WITH PLASTIC HOLDER



6 Pcs | Blister | Cr-V

Dimensions	Ø 3-4-5-6-8-10 mm
Length	150 mm

0127 € 14,50

MECHANIC CHISEL, PIN PUNCH AND CENTER PUNCH SET WITH PLASTIC HOLDER



6 Pcs | Blister | Cr-V

Length	120 - 150 mm

0391 € 30,90

MECHANIC CHISEL, PIN PUNCH AND CENTER PUNCH SET WITH HAND GUARD



6 Pcs | Hangable | Cr-V

Chisel	10 x 135 mm, 13 x 150 mm, 16 x 160 mm
Center punches	04 x 130 mm
Solid punch	03 x 120 mm
Pin punch	03 x 120 mm

0381 € 8,30

AUTOMATIC CENTER PUNCH

Spring



Blister Steel

Length	125 mm

0396 € 12,60

CHISEL SET FOR METAL



3 Pcs Hangable Cr-V

Dimensions	10 x 8 x 140 mm,13 x 9,5 x 150 mm, 16 x 12 x 170 mm

0152 € 5,50

STONING CHISEL SET WITH HAND GUARD



2 Pcs Box Steel

Dimensions	16 x 250 mm

0258 € 4,12

FLAT POINT COLD CHISEL WITH HAND GUARD



Steel

Dimensions	16 x 300 mm

0259 € 3,95

POINT COLD CHISEL WITH HAND GUARD



Steel

Dimensions	16 x 300 mm



0300 € 17,80

CHISEL SET FOR WOOD



4 Pcs | Blister | Steel

Hardness	HRC 58-60
Dimensions	10-16-20-25 mm

0301-

WOOD CHISEL

Hardness HRC 58-60.



Blister | Steel

Art.	€	Dimensions
0301/06	**€ 4,27**	6 mm
0301/10	**€ 4,27**	10 mm
0301/16	**€ 5,10**	16 mm
0301/20	**€ 5,10**	18.5 mm
0301/24	**€ 6,20**	25 mm

0168 € 10,50

WOOD CHISEL SET



5 Pcs | Blister | Steel

Hardness	HRC 58-60
Sizes	240 x 6-10-16-20-24 mm

0306 € 59,80

CARVING CHISEL SET



12 Pcs | Box | Steel | Chromed

Hardness	HRC 58-60
Length	215 mm

0162 € 17,60

WOOD CHISEL SET FOR LATHE



3 Pcs | Blister | Steel

Hardness	HRC 58-60
Total length	370 mm

0166 € 18,80

IRON PLANER FOR WOOD



Box | Steel

Planner length	225 mm
Blade width	50 mm

0519 € 5,40

WOOD RASP SET WITH PLASTIC HANDLE



3 Pcs | Blister | Steel

Dimensions	200 mm - 8" mm

0160 € 16,60

FILE SET FOR METAL WITH ANATOMIC HANDLE



5 Pcs | Blister | Steel

Dimensions	200 mm - 8" mm

0219 € 5,30

NEEDLE FILE SET



6 Pcs | Blister | Steel

Total length	180 mm

0214 € 5,40

ROUND HANDLE NEEDLE FILE SET



12 Pcs | Hangable | Steel | Tempered

Dimensions	Ø 3 x 140 mm

L011 € 25,50

BENT NOSE DIAMOND NEEDLE FILE SET



5 Pcs | Hangable | Steel | Diamond coated

Length	140 mm

L012 € 33,20

DIAMOND NEEDLE FILE SET



5 Pcs | Hangable | Steel | Diamond coated

Length	180 mm

L013 € 21,70

DIAMOND NEEDLE FILE SET



5 Pcs | Hangable | Steel | Diamond coated

Length	140 mm

L012/PIA € 9,10

DIAMOND FLAT FILE



Hangable | Steel | Diamond coated

Length	180 mm

0737-

STEEL FILE

Rectangular shape, with ergonomic plastic handle



Blister Steel Satin

Art.	€	Slotted	Dimensions	Pack
0737/150T2	€ 4,63	Half cut	150 mm 6 Inch	10
0737/150T3	€ 4,63	Smooth cut	150 mm 6 Inch	10
0737/200T2	€ 5,50	Half cut	200 mm 8 Inch	10
0737/200T3	€ 5,50	Smooth cut	200 mm 8 Inch	10
0737/250T2	€ 6,80	Half cut	250 mm 10 Inch	10
0737/250T3	€ 6,80	Smooth cut	250 mm 10 Inch	10

0738-

STEEL FILE

Triangular shape. with ergonomic plastic handle



Blister Steel Satin

Art.	€	Slotted	Dimensions	Pack
0738/150T2	€ 4,63	Half cut	150 mm 6 Inch	10
0738/150T3	€ 4,63	Smooth cut	150 mm 6 Inch	10
0738/200T2	€ 5,50	Half cut	200 mm 8 Inch	10
0738/200T3	€ 5,50	Smooth cut	200 mm 8 Inch	10
0738/250T2	€ 6,80	Half cut	250 mm 10 Inch	10
0738/250T3	€ 6,80	Smooth cut	250 mm 10 Inch	10

0739-

STEEL FILE

Half round shape. with ergonomic plastic handle



Blister Steel Satin

Art.	€	Slotted	Dimensions	Pack
0739/150T2	€ 4,63	Half cut	150 mm 6 Inch	10
0739/150T3	€ 4,63	Smooth cut	150 mm 6 Inch	10
0739/200T2	€ 5,50	Half cut	200 mm 8 Inch	10
0739/200T3	€ 5,50	Smooth cut	200 mm 8 Inch	10
0739/250T2	€ 6,80	Half cut	250 mm 10 Inch	10
0739/250T3	€ 6,80	Smooth cut	250 mm 10 Inch	10

0740-

STEEL FILE

Round shape. with ergonomic plastic handle



Blister Steel Satin

Art.	€	Slotted	Dimensions	Pack
0740/150T2	€ 4,63	Half cut	150 mm 6 Inch	10
0740/150T3	€ 4,63	Smooth cut	150 mm 6 Inch	10
0740/200T2	€ 5,50	Half cut	200 mm 8 Inch	10
0740/200T3	€ 5,50	Smooth cut	200 mm 8 Inch	10
0740/250T2	€ 6,80	Half cut	250 mm 10 Inch	10
0740/250T3	€ 6,80	Smooth cut	250 mm 10 Inch	10

0741-

STEEL FILE

Squared shape. with ergonomic plastic handle



Blister Steel Satin

Art.	€	Slotted	Dimensions	Pack
0741/150T2	€ 4,63	Half cut	150 mm 6 Inch	10
0741/150T3	€ 4,63	Smooth cut	150 mm 6 Inch	10
0741/200T2	€ 5,50	Half cut	200 mm 8 Inch	10
0741/200T3	€ 5,50	Smooth cut	200 mm 8 Inch	10
0741/250T2	€ 6,80	Half cut	250 mm 10 Inch	10
0741/250T3	€ 6,80	Smooth cut	250 mm 10 Inch	10

0742-

ANATOMIC PLASTIC FILE HANDLE



Hangable

Art.	€	For file	Pack
0742/4	€ 1,33	4" - 6"	12
0742/6	€ 1,33	6" - 10"	12
0742/10	€ 1,52	10" - 16"	12

0202 € 34,80

PRY BAR SET GO THROUGH TYPE



4 Pcs | Blister | Steel

Dimensions	230mm/9" - 300mm/12" - 450mm/18" - 590mm/24"

0320 € 6,30

WRECKING BAR



Steel

Total length	600 mm
Hexagon	15,6 mm

0192 € 140,00

HEAVY DUTY PRY BAR SET

1 Pc straight 910mm/36", 1 Pc bent 45° 910mm/36", 1 Pc bent 60° 610mm/24", 1 Pc bent 90° 610mm/24".

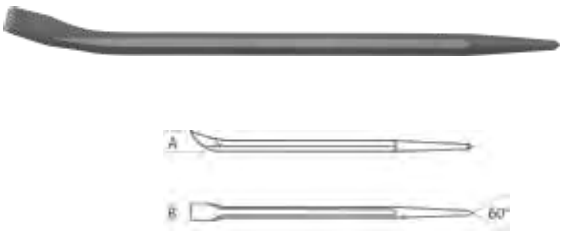


4 Pcs | Carrying case | Cr-V

0198 € 5,80

POINTED PRY BAR

Pointed pry bar



Steel

Length	400 mm
A	30 mm
B	23 mm
Pack	5

L007 € 7,10

MOTORCYCLE TYRE LEVER



Box | Steel | Satin

Dimensions	215 x 16 X 5 mm

0267 € 9,10

TYRE LEVER



Box | Steel | Satin

Dimensions	510 x 26 x 9 mm



0623 PRO € 5,10

SNAP-OF UTILITY KNIFE, BLADES INCLUDED

With automatic loading of the blade



Blister Steel

Standard blades	3
Blade width	18 mm

0627 PRO € 3,95

SNAP-OFF UTILITY KNIFE BLADES INCLUDED

With automatic loading of the blade



Blister Steel

Standard blades	5
Blade width	9 mm

0617 € 2,49

AUTOMATIC SNAP-OFF UTILITY KNIFE BLADES INCLUDED



Expositor Steel

Standard blades	3
Blade width	18 mm

0613 € 1,98

STAINLESS STEEL SNAP-OFF UTILIY KNIFE

ISO 9001.



Blister Steel

Standard blades	3
Blade width	9 mm

0096 € 2,49

SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



Expositor Steel

Standard blades	3
Blade width	18 mm

0612 € 2,97

STAINLESS STEEL SNAP-OFF UTILIY KNIFE



Blister Steel

Standard blades	3
Blade width	9 mm

0611 € 2,77

STAINLESS STEEL SNAP-OFF UTILIY KNIFE



Blister Steel

Standard blades	3
Blade width	9 mm

0035 PRO € 6,20

SECURITY SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



24 Pcs Expositor Steel

Standard blades	4
Trapezoidal blade	19 x 61 x 0,6 mm

0792 € 10,20

AUTOMATIC SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



Blister Steel

Standard blades	5
Blade width	25 x 0,7 mm

0696 € 7,60

FOLDABLE UTILITY KNIFE, BLADES INCLUDED



Blister Steel

Standard blades	5
Blade width	20 mm

0095 € 1,64

SNAP-OFF KNIFE SET



3 Pcs Hangable Steel

0696/L € 1,88

PAPER CUTTER BLADE SET



10 Pcs Hangable

Trapezoidal blade	19 x 61 x 0,6 mm

0627/L € 2,05

10 PCS PAPER CUTTER BLADE SET





10 Pcs Hangable

Blade length	9 mm

0096/L — € 2,05

PAPER CUTTER BLADE SET



10 Pcs | Hangable | Steel

0792/L — € 7,80

PAPER CUTTER BLADE SET



10 Pcs | Hangable | Steel

0420 — € 6,90

DEBURRING TOOL WITH 1 BLADE



Blister | HSS

Length	120 mm
Max. handle diameter	9,2 mm
Blade	E100 - Ø 3,2 mm
Blade material	HSS

0411 — PRO € 13,40

DEBURRING TOOL WITH 1 BLADE



Box | HSS

Length	124 mm
Max. handle diameter	29 mm
Blade	E100 - ø 3,2 mm
Blade material	HSS

0415 — € 9,10

DEBURRING TOOL WITH 2 BLADE



3 Pcs | Blister | HSS

Length	125 mm
Max. handle diameter	22 mm
Blade	E100 - E200 - ø 3,2 mm
Blade material	HSS

S002 — € 14,50

EXTENSIBLE DEBURRING TOOL WITH 3 BLADES



4 Pcs | Box | HSS

Blade	ø 3,2 mm
Blade dimensions	E100 - E200 - E300

0420/S — NEW € 21,20

DEBURRING SET WITH BLADES



4 Pcs | Blister | HSS | Plastic

Length	120 mm
Blade	ø 3.2mm

S002/E100 — € 14,40

HSS LONG SHANK BLADE SET

For internal and external deburring for long chips material like steel, aluminum, plastic materials



10 Pcs | Hangable | HSS

S002/E200 — € 13,40

HSS BIDIRECTIONAL BLADE SET

For internal and external deburring short chips material like brass and cast iron



10 Pcs | Hangable | HSS

S002/E300 — € 14,40

HSS BIDIRECTIONAL BLADE SET

For internal and external deburring for holes until 4mm of thikness.



10 Pcs | Hangable | HSS

S005 € 13,50

DOUBLE DEBURRER WITH HSS DISK BLADE

For steel, aluminum, brass, copper and plastic sheets deburring max 10mm.



Box | HSS

S005/R € 15,10

DISK BLADE SET



4 Pcs | Box | HSS

0384 € 6,20

INNER-OUTER REAMER

For copper and ferrous metals



2 Pcs | Box | Plastic

Capacity	3 ÷ 32 mm 3/16" ÷ 1-1/2"

0647/25 € 16,60

PAINT SCRAPER WITH 25MM CARBIDE BLADE THREE CUTTING EDGES



Blister | HM | Satin

0647/50 € 17,30

PAINT SCRAPER WITH 50MM CARBIDE BLADE TWO CUTTING EDGES



Blister | HM | Satin

0647/25L € 13,50

2 PCS BLADE SET



2 Pcs | Blister | HM

0647/50L € 13,80

2 PCS BLADE SET



2 Pcs | Blister | HM

0647/65 € 18,90

PAINT SCRAPER WITH 65MM CARBIDE BLADE TWO CUTTING EDGES



Blister | HM | Satin

0647/65L € 13,80

2 PCS BLADE SET



2 Pcs | Blister | HM

0367 € 25,50

CARVING KNIFE SET

With 240 grit stone, 26 spare knives. For use on wood, polystyrene, EVA, foam.



34 Pcs | Blister | Steel

Grindstone	1 - grana / grain 240
Precision screwdriver	1
Tweezers	1
Double color grip	4
Carving knife blades	26
Plastic case	1, ABS+TPR

0869 € 14,40

HANDSAW FOR JOINER WITH TRIPLE DRESSED SHARPENING DIAMOND TYPE



Steel

Blade length	400 mm

0226 € 9,00

HACKSAW FRAME WITH ALUMINUM ALLOY HANDLE

With handle for small cut. bi-metal hack saw blade and aluminum body



Blade length	310 mm

0629 € 19,80

HACKSAW WITH BLADE

Bi-metal hack saw blade and aluminum body



Blade length	300 mm

0161 € 3,79

MINI HACKSAW WITH BLADE



Alu

Aluminum

Blade length	150 mm

0327 € 7,50

BOW HANDSAW FOR WOOD



Steel

Blade length	530 mm / 21"

0724/B PRO € 1,90

BI-METAL HACK SAW BLADE

ISO 2336-1.



Box

Sizes	300 x 12,7 x 0,62 mm x 24T - 12" x 1/2" x 0.025" x 24T
Pack	10

0159 € 0,28

HACKSAW BLADE

ISO 2336-1.



Box

Sizes	300 x 12,7 x 0,62 mm x 24T - 12" x 1/2" x 0.025" x 24T
Pack	100

0670 — € 51,20

NIBBLER FOR POWER DRILL

Double head nibbler, with accessory for round and straight cutting purpose

Box | HSS | TiN

Cutting capacity	
Iron plates	1,8 mm
Stainless steel plate	1,2 mm
Copper and aluminum plate	2,0 mm
Plastic materials	2,0 mm
Round speed	1500 ÷ 3000 rpm
Collar	Ø 43,2 mm
Metal box	

0670/U — € 13,50

CUTTER HOLDERS



0655/L — € 9,40

LEFT HAND AVIATION TIN SNIP

With serrated and hardened blade and ergonomic handles



Blister | Cr-V | Chromed

Length	245 mm
Hardness	50 - 52 HRC

0655/S — € 9,40

STRAIGHT AVIATION TIN SNIP

With serrated and hardened blade and ergonomic handles



Blister | Cr-V | Chromed

Length	245 mm
Hardness	50 - 52 HRC

0655/R — € 9,40

RIGHT HAND AVIATION TIN SNIP

With serrated and hardened blade and ergonomic handles



Blister | Cr-V | Chromed

Length	245 mm
Hardness	50 - 52 HRC

0818/250 — € 10,50

TINMAN'S SNIPS



Blister | Steel | Satin

Length	250 mm

0699/240 — € 6,20

INOX SCISSORS

With nylon handle



Blister | INOX | Satin

Length	240 mm

0672 — € 7,50

ELECTRICIAN SCISSORS

With serrated blade, and ergonomic handle in abs material



Blister | INOX | Satin

Length	5" 1/2 - 140 mm

0672/B — PRO — € 10,20

ELECTRICIAN SCISSORS

With serrated blade and, bicolor non-slip ergonomic handle



Blister | INOX | Satin

Length	140 mm

0141 — € 11,10

ELECTRICIAN SCISSORS



Blister | INOX | Satin

Length	5" 1/2 - 140 mm

F018 — PRO — € 25,80

INSULATED ELECTRICIAN SCISSORS

1000V IEC 60900, with serrated blade, and ergonomic handle in ABS material.



Blister | INOX | Satin

Length	6" - 160 mm

0673 — € 10,20

MULTIPURPOSE SCISSORS

With serrated blade, ergonomic bicolor non-slip plastic and rubber handle



Blister | INOX | Satin

Length	175 mm / 7" mm

0325 — € 13,20

MULTIPURPOSE SCISSORS

With serrated blade and ergonomic bicolor non-slip handle



Blister | INOX | Satin

Length	210 mm /8" mm

0424 — € 12,20

PUNCH PLIER

It allows to perform small holes on materials of small thickness such as: paper, cardboard, rubber and leather



Blister | Steel

Length	250 mm

0081 — € 31,30

HOLLOW PUNCH SET



9 Pcs | Carrying case | Steel | Satin

Sizes	ø 5 - 6 - 8 - 10 - 12,5 - 16 - 20 - 25 - 32 mm

0093/22 — PRO — € 5,60

PIPE CUTTER FOR COPPER AND PLASTIC

With zinc alloy body.



Blister | Steel | Tempered

Cutting capacity	3÷22 mm , 1 / 8" ÷ 55 / 64"

0093/42 PRO € 22,20

PIPE CUTTER FOR COPPER AND IRON

With aluminium alloy body.



Blister Steel Tempered

Cutting capacity	6÷42 mm , 15 / 64" ÷ 1-21 / 32"
Hardness	HRC 58-60

0092 € 6,20

COPPER TUBE CUTTER



Blister Alu Aluminum

Capacity	3 ÷ 28 mm - 1/8" ÷ 1 1/8"

0472 € 17,80

PIPE FLARING TOOL FOR COPPER AND ALUMINUM



Box Steel

Round pipe	5 - 6 - 8 - 10 - 12 - 14 - 16 mm

0297 € 67,80

RATCHET PLASTIC TUBE CUTTER



Blister

Max cut	Ø 42 mm

0844 € 10,20

POLYURETHANE AND RUBBER HOSE CUTTER



Blister

Max cut	Ø 25 mm

0287-

BOLT CUTTER

Ideal for cutting iron rods, chains and a vast type of ferrous and non-ferrous materials



Cr-V

Art.	€	Dimensions
0287/300	€ 16,10	300 mm – 12"
0287/350	€ 18,40	350 mm - 14" mm
0287/450	€ 23,50	450 mm - 18" mm
0287/600	€ 29,70	600 mm - 24" mm
0287/750	€ 38,50	750 mm - 30" mm

0253 € 9,60

POLYURETHANE AND RUBBER HOSE CUTTER

Suitable for pe, pu and rubber hoses, bi-component handle



Blister Steel

Max Opening	19 mm
Length	133 mm

0846/150 € 116,00

RATCHET HAND CABLE CUTTER

For electric cables



Box Steel

Cutting capacity	150 mm2 (Al - Cu)
Length	250 mm

0862 € 6,90

ADJUSTABLE AUTOMATIC WIRE STRIPPER



Blister Steel

Max cut	Ø 0,8 ÷ 3,5mm 0,25 ÷ 6 mm2

0801 € 6,90

CABLE WIRE STRIPPER



Blister Plastic

Max cut	Ø 0,8 ÷ 28,0 mm

0101/500 € 8,90

CAMP AXE



Wood

0513 € 11,30

CAMP AXE WITH FIBRE-GLASS HANDLE



Glass fiber

0515 € 25,80

AXE WITH FIBRE-GLASS HANDLE



Glass fiber

Length	900 mm

0842 € 36,40

UNIVERSAL GRAFTING MACHINE





4 Pcs

0322 € 44,50

TELESCOPIC RATCHET LOPPING SHEARS TEFLON COATED HARDENED BLADE

Ergonomic handle.



Hangable Steel Tempered

Length	690 - 1030 mm

0587-

STAPLES



5000 Pcs | Blister

Art.	€	Model	Size
0587/8006	€ 6,90	80	12,9 x 6h mm
0587/8008	€ 8,00	80	12,9 x 8h mm
0587/8010	€ 8,70	80	12,9 x 10h mm
0587/8012	€ 9,50	80	12,9 x 12h mm
0587/8014	€ 10,20	80	12,9 x 14h mm
0587/8016	€ 11,10	80	12,9 x 16h mm

0585-

STAPLES



2500 Pcs | Blister

Art.	€	Model	Size
0585/9013	€ 7,00	90	5,7 x 13h mm
0585/9019	€ 9,90	90	5,7 x 19h mm
0585/9032	€ 12,50	90	5,7 x 32h mm
0585/9040	€ 13,40	90	5,7 x 40h mm

0584-

NAILS



5000 Pcs | Blister

Art.	€	Model	Size
0584/F10	€ 6,90	TI-PIN	1 x 10h mm
0584/F15	€ 8,00	TI-PIN	1 x 15h mm
0584/F20	€ 10,20	TI-PIN	1 x 20h mm
0584/F25	€ 10,90	TI-PIN	1 x 25h mm
0584/F30	€ 12,20	TI-PIN	1 x 30h mm
0584/F35	€ 13,40	TI-PIN	1 x 35h mm
0584/F40	€ 15,10	TI-PIN	1 x 40h mm
0584/F45	€ 15,30	TI-PIN	1 x 45h mm
0584/F50	€ 15,60	TI-PIN	1 x 50h mm

0588-

HEADLESS PINS

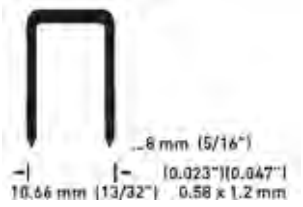


10000 Pcs | Blister

Art.	€	Model	Size
0588/615	€ 7,50	0,60	0,63 x 15h mm
0588/620	€ 9,30	0,60	0,63 x 20h mm
0588/625	€ 10,90	0,60	0,63 x 25h mm

0151 € 2,99

STAPLES



500 Pcs | Blister

Stem	0,58 x 1,2 mm

0295 € 10,80

RIVET SET

25 Pcs 2.4x6.4 mm; 25 Pcs 2.4x8 mm; 25 Pcs 3.2x5 mm; 25 Pcs 3.2x6.4 mm; 25 Pcs 3.2x8 mm; 25 Pcs 4x6.4 mm; 25 Pcs 4x8 mm; 25 Pcs 4.8x6.4 mm; 25 Pcs 4.8x8 mm;



225 Pcs | Box | Alu Aluminum

0376/AC € 9,90

CARBON STEEL NUT RIVET SET

Yellow zinc plated, M3: 40 Pcs - M4: 40 Pcs - M5: 30 Pcs - M6: 20 Pcs - M8: 10 Pcs - M10: 5 Pcs - M12: 5 Pcs.



150 Pcs | Hangable | Steel | Zn Galvanized

Nut rivets	M3 - M4 - M5 - M6 - M8 - M10 - M12

0376/AL — € 12,40

ALUMINUM NUT RIVET SET

M4: 50 Pcs - M5: 35 Pcs - M6: 15 Pcs - M8: 10Pcs - M10: 10 Pcs



120 Pcs | Hangable | Alu Aluminum

Nut rivets M4 - M5 - M6 - M8 - M10

0376/AI — € 34,70

STAINLESS STEEL NUT RIVET SET

M3: 40 Pcs - M4: 40 Pcs - M5: 30 Pcs - M6: 20 Pcs - M8: 10Pcs - M10: 5 Pcs - M12: 5 Pcs



150 Pcs | Hangable | INOX

Nut rivets M3 - M4 - M5 - M6 - M8 - M10 - M12

0178 — € 10,50

WASHER SET

50 Pcs Grower #6; 50 Pcs Grower #8; 50 Pcs Grower #10; 40 Pcs Grower 1/4"; 30 Pcs Grower 5/16"; 20 Pcs Grower 3/8"; 50 Pcs Notched out. #6; 50 Pcs Notched out. #8; 50 Pcs Notched out. #10; 40 Pcs Notched out. 1/4"; 30 Pcs Notched out. 5/16"; 20 Pcs Notched out. 3/18"; 50 Pcs Notched ins. #6; 50 Pcs Notched ins. #8; 50 Pcs Notched ins. #10; 40 Pcs Notched ins. 1/4"; 30 Pcs Notched ins. 5/16"; 20 Pcs Notched ins. 3/18";



720 Pcs | Box | Alu Aluminum

0229 — € 15,60

COPPER WASHER SET

30 Pcs M6; 25 Pcs M8; 20 Pcs M10; 15 Pcs M12; 10 Pcs M14; 10 Pcs M16;



110 Pcs | Box

0294 — € 11,10

COTTER PIN SET

150 Pcs 1/16" x 1"; 150 Pcs 3/32" x 1"; 100 Pcs 3/32" x 1 - 1/2"; 1/8"x1-1/4"; 50 Pcs 1/8" x 2"; 30 Pcs 5/32"x2-1/2".



555 Pcs | Box | Steel

0298 — € 10,20

HITCH PIN SET

42 Pcs 3/32"x1-3/16"; 30 Pcs 5/64"x1-5/16"; 25 Pcs 5/64"x1-9/16"; 25 Pcs 7/64"x1-5/18"; 20 Pcs 9/64"x1-3/4"; 8 Pcs 5/32"x2-15/16";



150 Pcs | Box | Steel

0231 — € 11,20

ROLL PIN SET

4 Pcs 4x16 mm; 4 Pcs 4x26 mm; 4 Pcs 4x40 mm; 4 Pcs 6x16 mm; 4 Pcs 6x32 mm; 4 Pcs 6x45 mm; 4 Pcs 8x20 mm; 4 Pcs 8x40 mm; 4 Pcs 8x50 mm; 4 Pcs 2x6 mm; 4 Pcs 2x14 mm; 4 Pcs 2x26 mm; 4 Pcs 1.5x5 mm, 4 Pcs 1.5x20 mm; 4 Pcs 1.5x8 mm; 4 Pcs 2.5x16 mm; 4 Pcs 2.5 x24 mm; 4 Pcs 2.5x32 mm; 5 Pcs 3x16 mm; 5 Pcs 3x26 mm; 5 Pcs 3x32 mm; 2 Pcs 10x20 mm; 2 Pcs 10x40 mm; 2 Pcs 10x50 mm; 4 Pcs 5.5x32 mm; 4 Pcs 5.5x45 mm; 4 Pcs 5.5x16 mm; 5 Pcs 5x16 mm; 5 Pcs 5x26 mm; 5 Pcs 5x32 mm;



120 Pcs | Box | Steel

0296 — € 11,10

E-CLIP SET

30 Pcs 1/16"; 30 Pcs 1/8"; 40 Pcs 3/16"; 50 Pcs 1/4"; 50 Pcs 3/8"; 40 Pcs 1/2"; 20 Pcs 5/8"; 20 Pcs 3/4"; 20 Pcs 7/8";



300 Pcs | Box | Steel

0179 € 10,20

SNAP RING SET

3 Pcs ø 32; 5 Pcs ø 25; 5 Pcs ø 22; 10 Pcs ø 16; 10 Pcs ø 14; 10 Pcs ø 10; 5 Pcs R14; 10 Pcs R12; 10 Pcs R10; 10 Pcs ø 9; 10 Pcs ø 8; 12 Pcs ø 6;



100 Pcs Box Steel

0263 € 13,40

WOODRUFF METRIC KEY SET

10 Pcs 4x7.5x19 mm; 10 Pcs 5x7.5x19 mm; 10 Pcs 3x5x13 mm; 10 Pcs 3x6.5x16 mm; 10 Pcs 4x5x13 mm; 10 Pcs 4x6.5x16 mm; 10 Pcs 5x9x22 mm; 10 Pcs 6x9x22 mm;



80 Pcs Box Steel

0257 € 13,40

PARALLEL KEY SET

5 Pcs 6x6x20 mm; 4 Pcs 3x3x20 mm; 4 Pcs 3x3x25 mm; 5 Pcs 8x5x32 mm; 5 Pcs 5x5x20 mm; 5 Pcs 8x7x36 mm; 5 Pcs 5x5x25 mm; 5 Pcs 10x8x40 mm; 5 Pcs 5x5x36 mm: 5 Pcs 10x8x50 mm; 5 Pcs 6x6x36 mm; 2 Pcs 12x8x40 mm; 5 Pcs 6x6x50 mm;



60 Pcs Box Steel

0116 € 11,10

METRIC CHROMED STEEL BALL SET

DIN 5401 grade, class III 50 Pcs 2.00mm; 50 Pcs 2.50mm; 50 Pcs 3.00mm; 50 Pcs 3.50mm; 50 Pcs 4.00mm; 50 Pcs 4.50mm; 50 Pcs 5.00mm; 30 Pcs 5.50mm; 30 Pcs 6.00mm; 20 Pcs 7.00mm; 20 Pcs 8.00mm.



450 Pcs Box Steel

0116P € 13,80

INCH CHROMED STEEL BALL SET

DIN 5401 grade, class III 50 Pcs 3/32"; 50 Pcs 1/8"; 50 Pcs 5/32"; 50 Pcs 3/16"; 50 Pcs 7/32"; 50 Pcs 1/ 4"; 30 Pcs 9/32"; 30 Pcs 5/16"; 30 Pcs 11/32"; 20 Pcs 3/8"; 20 Pcs 13/32".



430 Pcs Box Steel

0180 € 11,10

SPRING SET

8 a Compress. 12 Ext. 10Pc Comp. 9/32"x 1/2"; 10Pc Ext.13/64"x 13/16"; 10Pc Comp. 3/8"x 5/8"; 10Pc Ext.5/16"x 1-1/8"; 10Pc Comp. 1/4"x 13/32"; 10Pc Ext.7/32"x 1"; 10Pc Comp. 3/8"x 3/4"; 10Pc Comp. 7/32"x 11/16"; 10Pc Ext.1/4"x 7/8"; 10Pc Ext.5/16"x 1-1/4"; 10Pc Ext.11/32"x 1-27/32"; 10Pc Ext.5/16"x 1-3/4"; 10Pc Ext.9/32"x 2"; 10Pc Ext.5/32"x 3-1/8"; 10Pc Comp. 23/64"x 1-3/8"; 10Pc Ext.3/16"x 1-3/4"; 10Pc Comp. 7/32"x 1-1/2"; 10Pc Ext.9/32"x 1-1/2"; 10Pc Comp 9/32"x 3/4"; 10Pc Ext.11/32"x 1-7/16".



200 Pcs Box Steel

0299 € 21,10

METRIC O-RING SET

419 pieces in 32 different sizes made of high quality NBR nitrile rubber, heat resistant, oil resistant, gas resistant.



419 Pcs Box

0299/P € 21,10

O-RING SET IN INCHES

Assortment made of high quality NBR nitrile rubber, heat resistant, oil resistant, gas resistant.



419 Pcs Box

0177 — € 10,80

O-RING SET

10 Pcs 3/32" x 15/64"; 20 Pcs 1/8" x 1/4"; 20 Pcs 5/32" x 9/32"; 20 Pcs 3/16" x 5/16"; 15 Pcs 7/32" x 11/32"; 15 Pcs 1/4" x 3/8"; 10 Pcs 9/16" x 3/4"; 10 Pcs 5/8" x 13/16"; 10 Pcs 11/16" x 7/8"; 10 Pcs 3/4" x 15/16"; 10 Pcs 3/4" x 1"; 10 Pcs 13/16" x 11/16"; 15 Pcs 5/16" x 7/16"; 10 Pcs 3/8" x 1/2"; 10 Pcs 5/8" x 3/4"; 10 Pcs 3/8" x 9/16"; 10 Pcs 7/16" x 5/8"; 10 Pcs 1/2" x 11/16";



225 Pcs | Box

0261 — € 9,30

HOSE CLIP SET

2 Pcs 12.8x0.9x50-70 mm; 4 Pcs 12.8x0.9x35-50 mm; 8 Pcs 12.8x0.9x25-40 mm; 6 Pcs 10x0.8x12-22 mm;



20 Pcs | Box | Steel

Dimensions	10 x 0,8 x 12-22 mm ; 12,8 x 0,9 x 25-40 mm; 12,8 x 0,9 x 35-50 mm; 12,8 x 0,9 x 50-70 mm

0876 — € 12,20

NYLON CABLE TIE SET



650 Pcs | Box

300 Pcs	2,5 x 100 mm
200 Pcs	3,6 x 150 mm
150 Pcs	4,8 x 200 mm

0398 — € 9,50

SCREW AND U TYPE CUSHIONS ASSORTMENT

Screws: 3x8mm 40Pcs 4x16mm 20Pcs 5x12mm 15Pcs 6x20mm 10Pcs U clips: 3mm 20Pcs 4mm with notch 20Pcs 4mm 20Pcs 5mm 15Pcs 6mm 10Pcs.



170 Pcs | Box | Steel

0465 — € 8,90

RUBBER GROMMET ASSORTMENT

Grommets sizes: 5 Pcs - D 21 mm - ID 15 mm - OD 26 mm - T 2,2 mm 40 Pcs - D 9 mm - ID 6 mm - OD 13 mm - T 2,1 mm 5 Pcs - D 15 mm - ID 12 mm - OD 19 mm - T 1,9 mm 40 Pcs - D 5,8 mm - ID 2,5 mm - OD 7,9 mm - T 1,8 mm 40 Pcs - D 7,5 mm - ID 4,8 mm - OD 9,8 mm - T 1,8 mm 20 Pcs - D 12 mm - ID 10,5 mm - OD 15 mm - T 1,8 mm 25 Pcs - D 11 mm - ID 8,5 mm - OD 14,5 mm - T 1,5 mm 5 Pcs - D 25 mm - ID 18 mm - OD 32 mm - T 1,5 mm



180 Pcs | Box

0468 — € 9,90

CONNECTING PLATE AND SCREW ASSORTMENT

4 Pcs Assembly square: 25×25×16×2.0mm 8 Pcs Assembly square: 40×40×16×2.0mm 4 Pcs Assembly square: 60×60×16×2.0mm 4 Pcs Assembly square: 75×75×16×2.0mm 4 Pcs L Flat angle plate: 40×40×12×2.0mm 4 Pcs L Flat angle: 60×60×12×2.0mm 4 Pcs Flat plate Connector: 80×15×2.0mm 4 Pcs Flat plate Connector: 40×15×2.0mm 144 Pcs screws: 3×16mm



180 Pcs | Box | Steel

0307/1 — € 19,80

GLASS FUSE SET

Fast: 10 x 1A F1, 10 x 1.25A F1, 10 x 1.6A F1, 10 x 2A F1, 10 x 2.5A F1, 10 x 4A F1, 10 x 5A F1, 10 x 6.3A F1, 10 x 10A F1, time delay: 10 x 1A F1 T, 10 x 1.25A F1 T, 10 x 1.6A F1 T, 10 x 2A F1 T, 10 x 2.5A F1 T, 10 x 4A F1 T, 10 x 5A F1 T, 10 x 6.3A F1 T, 10 x 10A F1 T.



180 Pcs | Hangable

Dimensions	5 x 20 mm

0307/2 — € 22,30

GLASS FUSE SET

Time delay: 10 Pcs 100mA T, 10 Pcs 160mA T, 10 Pcs 200mA T, 10 Pcs 250mA T, 10 Pcs 315mA T, 10 Pcs 400mA T, 10 Pcs 500mA T, 10 Pcs 630mA T, 10 Pcs 800mA T, fast: 10 Pcs100mA F, 10 Pcs 160mA F, 10 Pcs 200mA F, 10 Pcs 250mA F, 10 Pcs 315mA F, 10 Pcs 400mA F, 10 Pcs 500mA F, 10 Pcs 630mA F, 10 Pcs 800mA F.



180 Pcs | Hangable

Dimensions	5 x 20 mm

0317 € 11,90

CAR FUSE SET

3A 15 Pcs, 5A 15 Pcs, 7.5A 15 Pcs, 10A 15 Pcs, 15A 15 Pcs, 20A 15 Pcs, 25A 15 Pcs, 30A 15 Pcs, Fuse puller 1 Pc.



120 Pcs Hangable

Dimensions	19.1 x 5.1 x 18.5 mm

0318 € 12,80

CAR FUSE SET

2 AMP × 10 pz; 3 AMP × 10 pz; 4 AMP × 10 pz; 5 AMP × 10 pz; 7.5 AMP × 20 pz; 10 AMP × 10 pz; 15 AMP × 20 pz; 20 AMP × 20 pz; 25 AMP × 20 pz; 30 AMP × 10 pz; Fuse Puller × 1



141 Pcs Hangable

Dimensions	10.9 x 3.6 x 16.3 mm

0293 € 14,50

INSULATED TERMINAL SET

15 Pcs FDD1-110 2.8x0.5/0.8 mm; 15 Pcs FDD1-187 4.75x0.5/0.8 mm; 10 Pcs FDD2-187 6.35x0.5/0.8 mm; 15 Pcs FDD1-250 4.75x0.5/0.8 mm; 10 Pcs FDD2-250 6.35x0.8 mm; 10 Pcs FDD5-250 6.35x0.8 mm; 10 Pcs BV1; 10 Pcs BV2; 10 Pz BV5; 10 Pcs MDD1-250; 10 Pcs MDD2-250; 10 Pcs MDD5-250; 10 Pcs SVL1.25-3.7; 10 Pcs SVL1.25-4; 10 Pcs SVL1.25-5.3; 10 Pcs SVM2-4; 10Pcs SVS2-5; 10 Pcs SVL5-4; 10 Pcs SVL5.5-4;



200 Pcs Box

0877 € 11,30

END TERMINAL SET

50 Pcs 0.5mm^2; 100 Pcs 0.75mm^2; 100 Pcs 1.0 mm^2; 100 Pcs 1.5 mm^2; 50 Pcs 2.5 mm^2;



400 Pcs Box

White end	50 x 0,5 mm²
Grey end	100 x 0,75 mm²
Red end	100 x 1 mm²
Black end	100 x 1,5 mm²
Blue end	50 x 2,5 mm²

0380 € 10,20

PVC SHRINKABLE TUBE ASSORTMENT

30 Pcs 5/64"x1-9/16"; 25 Pcs 3/32"x1-9/16"; 20 Pcs 1/8"x1-9/16"; 30 Pcs 3/16"x1-9/16"; 16 Pcs 9/32"x3-1/8"; 8 Pcs 3/8"x3-1/8"; 8 Pcs 1/2"x3-3/8";



127 Pcs Box

0176 € 31,80

GREASE FITTING SET

Pcs. 35 straight M6x1; Pcs. 15 Straight 1/8"-27; Pcs. 5 45° 1/8"-27; Pcs. 5 45° M6x1; Pcs. 10 45° M8x1; Pcs. 5 45° M10x1; Pcs. 10 Straight M10x1; Pcs. 10 Straight M8x1; Pcs. 5 90° M6x1; Pcs. 5 90° M8x1; Pcs. 5 90° M10x1.



110 Pcs Box

SR44W € 5,50

BATTERIES FOR DIGITAL INSTRUMENTS



Hangable

Voltage	1,5 V
Pack	10

CR20X

BATTERIES FOR DIGITAL INSTRUMENTS



Art.	€	Voltage	Pack
CR2025	**€ 7,60**	3 V	10
CR2032	**€ 7,60**	3 V	10

0678 € 20,10

POLYURETHANE FOAM GUN

Mount and foam adjustment



Box

Length	290 mm

0085 PRO € 12,30

9" HEAVY DUTY CAULKING GUN





Nickel plated

0521 PRO € 9,90

9" HEAVY DUTY CAULKING GUN







Nickel plated

0234 € 4,30

9" REINFORCED CAUL KING GUN SKELETON TYPE EXAGONAL ROD







Steel

0091 € 3,75

9" RATCHET CAUL KING GUN BARREL TYPE





0604 € 20,10

9" EPOXY SEAL CAULKING GUN 345 ML AND 235 ML





Nickel plated

0861 € 20,10

9" EPOXY SEAL CAUL KING GUN





Nickel plated

0819-

BRICKLAYING TROWELS ROUND NOSE



Steel

Art.	€	Length
0819/18	€ 4,84	180 mm
0819/20	€ 5,00	200 mm

0820-

SQUARE TROWELS



Steel

Art.	€	Length
0820/18	€ 4,84	180 mm
0820/20	€ 5,00	200 mm

0821/14 € 3,75

BRICKLAYING TROWEL ROUND NOSE



Steel

Length	140 mm

0822 € 5,40

PLASTERING TROWEL WITH ABS HANDLE



Steel

Length	280 x 120 mm

0823 € 5,40

NOTCHED TROWEL WITH ABS HANDLE



Steel

Length	280 x 120 mm

0184-

PUTTY KNIFE WITH CLIPPED PLASTIC HANDLE MIRROR POLISH



INOX

Art.	€	Blade dimensions
0184/01	€ 1,49	30 x 90h mm
0184/02	€ 1,49	50 x 95h mm
0184/03	€ 1,93	75 x 100h mm
0184/04	€ 2,96	100 x 100h mm

0606 € 4,37

POLYETHYLENE BUCKET



Dimensions	ø 360 x 240h mm
Capacity	14 l

0043 € 5,70

RED AND WHITE SIGNAL TAPE



Length	200 m
Height	70 mm

0103 € 8,70

TAPE FILM DISPENSER



Box

0747 € 2,52

PPL TAPE HAVANA COLOR



Belt dimensions	50 mm x 66 m
Pack	6

0760 € 8,70

STRETCH FILM HANDLE DISPENSER



PVC300/125 € 5,20

PPL FILM



Dimensions	0,125h x 100 m
Thickness	20 µm
Pack	48

0748 € 10,30

PPL FILM HANDLE DISPENSERS



PVC300 € 19,60

PPL FILM



Dimensions	0,5h x 300 m
Thickness	23 µm
Pack	6

028X

POLYETHYLENE PROTECTION COVER SHEET, TWO-COLOUR GREEN - BLUE

Protected to uv rays, woven polyethylene tarpaulin 140/150 g/m2, eyelets every 50cm.



Art.	€	Dimensions	Net weight
0281	€ 11,80	2 x 3 m	0,9 kg
0282	€ 34,10	4 x 5 m	2,8 kg
0283	€ 68,10	5 x 8 m	5,6 kg
0284	€ 88,80	6 x 10 m	8 kg

C190C — € 1250,00

7 DRAWERS ROLLER CABINET WITH TOOLS

With 152 tools, with anti-rolling system. it's possible to open only one drawer at one time; worktop made of plastic and wood with practical compartments, retractable shelf and integrated both side bottles or tool holders, screwdrivers compartment






152 Pcs

External Dimensions	1000 x 470 x 920h mm
Drawer dimensions	560 x 400 mm
Drawers height	2 x 40 mm - 4 x 60 mm - 1 x 170 mm

C960C — € 978,00

TOOL ROLLING CABINET WITH TOOLS








291 Pcs

Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	5 x 74,5 mm - 2 x 153.5 mm
Drawer capacity	25 kg

C960CB

NEW € 978,00

TOOL ROLLING CABINET WITH TOOLS





291 Pcs

Dimensions	890 x 458 x 994 mm
Drawer dimensions	565 x 405 mm
Drawers height	5 x 74,5 mm - 2 x 153.5 mm
Drawer capacity	25 kg

C980/CC01

€ 1610,00

TOOL ROLLING CABINET WITH TOOLS

Tool rolling cabinet with tools with tool set: TM01/002, TM01/005, TM01/008, TM01/009, TM01/020, TM01/029, TM01/042.





72 Pcs

Included foam trays	TM01/002, TM01/005, TM01/008, TM01/009, TM01/020,TM01/029, TM01/042
Tool cabinet size	890 x 530 x 1030h mm
Drawer capacity	25 kg
Drawer dimensions	565 x 405 mm
Drawers height	3 x 50 mm - 3 x 105 mm - 1 x 165 mm

C960/CC01 € 1130,00

TOOL ROLLING CABINET WITH TOOLS

Tool rolling cabinet with tools with tool set: TM01/002, TM01/010, TM01/012, TM01/014, TM01/016, TM01/018, TM01/023, TM01/025, TM01/030, TM01/033, TM01/042.





159 Pcs

Included foam trays	TM01/002, TM01/010, TM01/012, TM01/014, TM01/016,TM01/018, TM01/023, TM01/025, TM01/030, TM01/033, TM01/042
Tool cabinet size	890 x 475 x 1015h mm
Drawer capacity	25 kg
Drawer dimensions	5640x 405 mm
Drawers height	5 x 65 mm - 2 x 145 mm

C900/CC01 € 686,00

TOOL ROLLING CABINET WITH TOOLS

Tool rolling cabinet with tools with tool set: TM01/001, TM01/012, TM01/014, TM01/020, TM01/022, TM01/024, TM01/042.





113 Pcs

Included foam trays	TM01/001, TM01/012, TM01/014, TM01/020, TM01/022, TM01/024, TM01/042
Tool cabinet size	685 x 455 x 850h mm
Drawer capacity	25 kg
Drawer dimensions	585 xx 410 mm
Drawers height	2 x 45 mm - 2 x 100 mm- 2 x 150 mm

C960/AM01 € 1130,00

TOOL ROLLING CABINET WITH AUTOMOTIVE TOOLS









142 Pcs

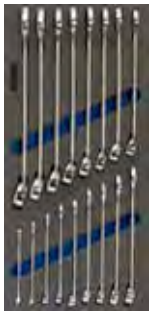
Tool cabinet size	890 x 475 x 1015h mm
Drawer capacity	25 kg
Drawer dimensions	565 x 405 mm
Drawers height	5 x 65 mm - 2 x 145 mm



TM01/001 — € 57,90

COMBINATION SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
Included items	0224/..

TM01/002 — € 119,00

COMBINATION SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
Included items	0208/..

TM01/005 — € 60,80

OPEN END WRENCHES SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



12 Pcs | Cr-V | Satin

Dimensions	376 x 405 x 33 mm
Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm
Included items	0222/..

TM01/006 — € 92,10

OPEN END WRENCHES SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



12 Pcs | Cr-V | Chromed

Dimensions	376 x 405 x 33 mm
Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm
Included items	0201/..

TM01/056 — NEW — € 193,00

FOAM TRAY WITH ART. 0690 RATCHET SPANNER SET 8-19MM

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools. DIN 3113



12 Pcs | Cr-V | Chromed | 72 teeth

Dimensions	188 x 405 x 33 mm
Sizes	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
Included items	0690/..

TM01/008 — € 160,00

MALE T-HANDLE HEX WRENCH SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a CNC machine with a set of tools



11 Pcs | Cr-V | Chromed

Dimensions	376 x 405 x 33 mm
Sizes	2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 mm
Included items	0400/..

TM01/009 — € 165,00

MALE T-HANDLE TORX WRENCH SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



13 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
Included items	0405/..

TM01/010 — € 250,00

T HANDLE MAGNETIC SWIVEL HEX SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



26 Pcs | Cr-V | Chromed

Dimensions	565 x 405 x 33 mm
T handle	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Torx Keys	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
Included items	C395/.. - 0215 - 0220

TM01/011 — € 276,00

T HANDLE MAGNETIC SWIVEL HEX SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



26 Pcs | Cr-V | Satin

Dimensions	565 x 405 x 33 mm
T handle	7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Torx Keys	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
Included items	C391/.. - 0215 - 0220

TM01/012 — € 46,10

TWO WAY HEX KEY WITH ANATOMIC PLASTIC HANDLE SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



6 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	3 - 4 - 5 - 6 - 8 mm
Included items	0856/..

TM01/014 — € 46,10

TWO WAY TORX KEY WITH ANATOMIC PLASTIC HANDLE SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a CNC machine with a set of tools



6 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	T10 - T15 - T20 - T25 - T30 - T40
Included items	0855/..

TM01/016 — € 40,20

FLAT SCREWDRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Slotted screwdriver	3 x 75 - 4 x 100 - 5 x 125 - 6 x 150 - 8 x 150 - 6 x 38 mm
Electrician screwdriver	3 x 75 - 4 x 100 mm
Included items	C883/.. - C884/..

TM01/018 — € 46,10

CROSSTIP SCREWDRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Cross screwdriver	PH 1 x 75 - PH 2 x 100 - PH 3 x150 - PH 2 x 38 mm
Cross screwdriver	PZ 1 x 75 - PZ 2 x 100 - PZ 3 x 150 - PZ 2 x 38 mm
Included items	C882/.. - C885/..

TM01/020 — € 41,20

MIXED SCREWDRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Slotted screwdriver	3 x 75 - 4 x 100 - 5 x 125 - 6 x 150 - 6 x 38 mm
Cross screwdriver	PH 1 x 75 - PH 2 x 100 - PH 2 x 38 mm
Included items	C882/.. - C884/..

TM01/044 — PRO — € 50,70

FLAT SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm
Slotted screwdriver	4 x 75 - 4 x 100 - 5 x 125 - 6 x 150 - 8 x 150 - 6 x 38 mm
Electrician screwdriver	3 x 75 - 4 x 100 mm
Included items	D883/.. - D884/..

TM01/045 — PRO — € 57,30

CROSSTIP SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm
Cross screwdriver	PH 1 x 75 - PH 2 x 100 - PH 3 x150 - PH 2 x 38 mm
Cross screwdriver	PZ 1 x 75 - PZ 2 x 100 - PZ 3 x 150 - PZ 2 x 38 mm
Included items	D882/.. - D885/..

TM01/046 — PRO — € 51,30

MIXED SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm
Slotted screwdriver	3 x 75 - 4 x 100 - 5 x 125 - 6 x 150 - 6 x 38 mm
Cross screwdriver	PH 1 x 75 - PH 2 x 100 - PH 2 x 38 mm
Included items	D882/.. - D884/..

TM01/053 — PRO — € 258,00

ADDITIONAL TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a CNC machine with a set of tools



8 Pcs | Mo-V

Dimensions	565 x 405 x 33 mm
Included items	L002/250 - 0136 - 0370/8 - 0368/10 - 0432 - 0209

TM01/022 — € 219,00

HEXAGONAL HAND SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



30 Pcs | Cr-V | Chromed | 1/2"

Dimensions	188 x 405 x 33 mm
Socket	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm
Extension bars	75 - 250 mm
Adapter	Female 1/2", Male 3/8"
Universal joints	46 mm
Sliding T-bar	300 mm
Included items	BN4E3N0.. - CN450N1/2A

TM01/023 — € 214,00

BI-HEXAGONAL HAND SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



30 Pcs | Cr-V | Chromed | 1/2"

Dimensions	188 x 405 x 33 mm
Socket	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm
Extension bars	75 - 250 mm
Adapter	Female 1/2", Male 3/8"
Universal joints	46 mm
Sliding T-bar	300 mm
Included items	BN4P3N0.. - CN450N1/2A

TM01/024 — € 222,00

HEXAGONAL HAND SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



42 Pcs | Cr-V | Chromed | 1/4" | 3/8"

Dimensions	188 x 405 x 33 mm
1/4" Dr. sockets	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
3/8" Dr. sockets	7 - 8 - 9 -10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
Included items	BN4E5N0.. - BN4E4N0.. - CN450N1/4A - CN450N3/8A - JN40,, - LN400N,, - PN405N.. - PN404N.. - BN4C4L..

TM01/025 — € 218,00

BI-HEXAGONAL HAND SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a CNC machine with a set of tools.



42 Pcs | Cr-V | Chromed | 1/4" | 3/8"

Dimensions	188 x 405 x 33 mm
1/4" Dr. sockets	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
3/8" Dr. sockets	7 - 8 - 9 -10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
Included items	BN4P5N0.. - BN4P4N0.. - CN450N1/4A - CN450N3/8A - JN40,, - LN400N,, - PN405N.. - PN404N.. - BN4C4L..

TM01/026 — PRO — € 44,10

INSULATED SCREWDRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Mo-V

Dimensions	188 x 405 x 33 mm
Slotted insulated screwdriver	3 x 100 - 4 x 100 - 5,5 x 125 - 6,5 x 150 mm
Cross insulated screwdriver	PH 0 x 60 - PH 1 x 80 - PH 2 x 100 mm
Included items	CI82/.. - CI83/.. - 0013/142

TM01/027 — € 58,80

NUT DRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



7 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	5,5 - 6 - 7 - 8 - 10 - 12 - 13 mm
Included items	CB01/..

TM01/028 — € 70,60

NUT DRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



7 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	5,5 - 6 - 7 - 8 - 10 - 12 - 13 mm
Included items	CB02/..

TM01/029 — € 67,60

FLEXIBLE NUT DRIVER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



7 Pcs | Cr-V | Cr-Mo | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	5,5 - 6 - 7 - 8 - 10 - 12 - 13 mm
Included items	CBF1/..
Dimensions	188 x 405 x 33 mm
Sizes	Ø2x140 - Ø3x150 - Ø4x180 - Ø5x220 - Ø6x210 - Ø7x210 - Ø8x220 mm
Included items	C015/..

TM01/030 — € 43,20

RING SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
Included items	0476/..

TM01/031 — € 50,90

RING SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	21x23 - 24x27 - 25x28 - 30x32 mm
Included items	0476/..

TM01/032 — € 50,90

COMBINATION SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	24 - 27 - 30 - 32 mm
Included items	0224/..

TM01/033 — € 71,50

COMBINATION SPANNER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Sizes	24 - 27 - 30 - 32 mm
Included items	0208/..

TM01/035 — € 136,00

HEXAGONAL TUBULAR SOCKET AND FLARE NUT WRENCH SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



16 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Tubular sockets	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
Flare nit wrenches	100 - 6x7, 115 - 8x9, 130 - 10x11, 145 - 12x13, 160 - 14x15, 170- 16x17, 185 - 18x19 - 205 - 20x22 mm
Included items	0442/.. - 0134S

TM01/036 — € 77,40

HEXAGONAL TUBULAR SOCKET AND FLARE NUT WRENCH SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Tubular sockets	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
Flare nit wrenches	100 - 6x7, 115 - 8x9, 130 - 10x11, 145 - 12x13, 160 - 14x15, 170- 16x17, 185 - 18x19 - 205 - 20x22 mm
Included items	0540/.. - 0134S

TM01/037 — PRO — € 80,30

DRIFT PIN SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



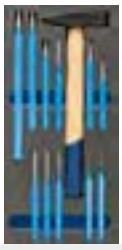
7 Pcs | Cr-Mo | Chromed

Sizes	Ø2x140 - Ø3x150 - Ø4x180 - Ø5x220 - Ø6x210 - Ø7x210 - Ø8x220 mm
Included items	C015/..

TM01/038 — € 92,10

DRIFT PIN SET WITH HAMMER IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



12 Pcs | Cr-Mo | Chromed

Dimensions	188 x 405 x 33 mm
Pin punch	Ø2x150 - Ø3x150 - Ø4x150 - Ø5x150 - Ø6x150 - Ø7x150 - Ø8x150 mm
Center punches	4x120 - 5x150 mm
Chisel	18x150 - 21x200 - 25x250 mm
German hammer	400g
Included items	C012/.. - B006/.. - S022/.. - 0154/400DIN

TM01/042 — PRO — € 43,20

PLIER SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm
Combination plier	180 mm
Diagonal cutting nippers	160 mm
Bent long nose pliers	160 mm
Long nose pliers	160 mm
Included items	0873/U7 - 0873/BD6 - 0873/BC6 - 0873/TL

TM01/043 — € 185,00

HEXAGONAL IMPACT SOCKET SET IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



16 Pcs | Cr-Mo | 1/2"

Dimensions	188 x 405 x 33 mm
Socket	10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 - 21 - 22 - 23 - 24 mm
Extension bars	75 - 150 - 250 mm
Included items	BI4E3N.. - PI453..

TM01/050 — € 539,00

MEASURING INSTRUMENTS FOR AUTOMOTIV IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine with a set of tools



9 Pcs

Dimensions	565 x 405 x 33 mm
Included items	C033/150 - C004 - 0212 - C058 - F685 - T053 - 0446 - C070 - 0312

TM01/052 — € 503,00

PNEUMATIC SERIES FOR AUTOMOTIVE IN FOAM TRAY

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a CNC machine with a set of tools



19 Pcs

Dimensions	565 x 405 x 33 mm
Included items	AP03 - BI4E3Nx - PI453150 - 0341 - JI403N - 0608

TM01/054 — NEW — € 19,60

EMPTY FOAM TRAY 2 SLOTS FOR A007/16 CABINET



TM01/055 — NEW — € 19,60

EMPTY FOAM TRAY 3 SLOTS FOR A007/16 CABINET



TM01/100 € 19,60

EMPTY FOAM TRAY FOR SMALL ITEMS

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine





Dimensions	188 x 405 x 33 mm

TM01/110 € 29,40

EMPTY FOAM TRAY FOR SMALL ITEMS

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine





Dimensions	376 x 405 x 33 mm

TM01/120 € 39,20

EMPTY FOAM TRAY FOR SMALL ITEMS

Polyethylene foam tray with 4 layers in 2 colours: grey-blue milled with a cnc machine





Dimensions	564 x 405 x 33 mm



0105T — € 303,00

TOOL TROLLEY WITH ACCESSORIES







162 Pcs | Box | Cr-V

Ball point hex key	1,5-2-2,5-3-4-5-6-8-10 mm
Screwdrivers	(-) 5 x 75 - 6 x 100 mm - (+) 1 x 75 - 2 x 100 mm
Electric tester	100 ÷ 250 V
Precision screwdrivers	(-) 2 x 140 - 2,4 x 140 - 3 x 140 - (+) 00 x 140 mm - 0 x 140 mm
Pliers	160 mm
Adjustable wrench	200 mm
Diagonal cutting nippers	160 mm
Long nose pliers	160 mm
Tower pincers	220 mm
Multipurpose scissors	175 mm
Punches and chisel	5
Snap ring pliers with 3 heads	1
Water pump pliers	240 mm
Combination spanner	8-10-11-12-13-15-17-19-21 mm
1/4" Dr. sockets	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	12-13-14-15-16-17-18-19-21-24-27-30-32 mm
Sliding T-bar	1/4"
Universal joint	1/4" - 1/2"
1/4" Dr. socket-bars	50 mm - 100 mm
1/2" Dr. socket-bars	125 mm - 250 mm

3 way joint	1
Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
File	200 mm
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Blade	3
Aluminum flashlight	1
Crimping pliers	200 mm
Terminals	35
Utility knife	1
Level	300 mm
Vernier caliper	150 mm
Magnetic bit holder	1
Bits	30 - 1/4"
Ratchet bit handle	1
Male adapter 1/4" Dr. and 1/4" hex	1
Case size	470 x 350 x 135 mm
Net weight	12 kg

0110T — € 256,00

TOOL BOX WITH TROLLEY, TOOLS AND ACCESSORIES







133 Pcs | Box | Cr-V

Ball point hex key	1,5-2-2,5-3-4-5-6-8 mm
Screwdrivers	(-) 3 x 75 - 5 x 75 - 6 x 100 - 8 x 150 mm - (+) 0 x 75 - 1 x 75
Precision screwdrivers	(-) 2,4 x 140 - (+) 00 x 140 mm - 0 x 140 mm
Pliers	180 mm
Slip joint pliers	150 mm
Diagonal cutting nippers	115 mm
Long nose pliers	150 mm
Wire stripper plier	160 mm
Scissors	200 mm
Water pump pliers	240 mm
Combination spanner	6-8-10-13-14-15-17-19 mm
1/4" Dr. sockets	4-5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
Sliding T-bar	1/4"
Universal joint	1/4" - 1/2"
1/4" Dr. socket-bars	100 mm
1/2" Dr. socket-bars	250 mm
3 way joint	1

Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
Flexible bar	1/4" - 145 mm
Bits holder socket	1/4"
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Terminals	20
Utility knife	1
Blade	5
Level	300 mm
Socket handle	1/4"
Magnetic bit holder	1/4"
Bits	30 - 1/4"
Male adapter 1/4" Dr. and 1/4" hex	1
Case size	470 x 350 x 135 mm
Net weight	10 kg

0105 — € 259,00

TOOL BOX WITH ACCESSORIES



162 Pcs | Box | Cr-V

Ball point hex key	1,5-2-2,5-3-4-5-6-8-10 mm
Screwdrivers	(-) 5 x 75 - 6 x 100 mm - (+) 1 x 75 - 2 x 100 mm
Electric tester	100 ÷ 250 V
Precision screwdrivers	(-) 2 x 140 - 2,4 x 140 - 3 x 140 - (+) 00 x 140 mm - 0 x 140 mm
Pliers	160 mm
Adjustable wrench	200 mm
Diagonal cutting nippers	160 mm
Long nose pliers	160 mm
Tower pincers	220 mm
Multipurpose scissors	175 mm
Punches and chisel	5
Snap ring pliers with 3 heads	1
Water pump pliers	240 mm
Combination spanner	8-10-11-12-13-15-17-19-21 mm
1/4" Dr. sockets	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	12-13-14-15-16-17-18-19-21-24-27-30-32 mm
Sliding T-bar	1/4"
Universal joint	1/4" - 1/2"
1/4" Dr. socket-bars	50 mm - 100 mm
1/2" Dr. socket-bars	125 mm - 250 mm
3 way joint	1

Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
File	200 mm
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Blade	3
Aluminum flashlight	1
Crimping pliers	200 mm
Terminals	35
Utility knife	1
Level	300 mm
Vernier caliper	150 mm
Magnetic bit holder	1
Bits	30 - 1/4"
Ratchet bit handle	1
Male adapter 1/4" Dr. and 1/4" hex	1
Case size	470 x 350 x 135 mm
Net weight	11,5 kg

0110 — € 211,00

TOOL BOX WITH ACCESSORIES



133 Pcs | Box | Cr-V

Ball point hex key	1,5-2-2,5-3-4-5-6-8 mm
Screwdrivers	(-) 3 x 75 - 5 x 75 - 6 x 100 - 8 x 150 mm - (+) 0 x 75 - 1 x 75 - 2 x 100 3 x 100 mm
Precision screwdrivers	(-) 2,4 x 140 - (+) 00 x 140 mm - 0 x 140 mm
Pliers	180 mm
Slip joint pliers	150 mm
Diagonal cutting nippers	115 mm
Long nose pliers	150 mm
Wire stripper plier	160 mm
Scissors	200 mm
Water pump pliers	240 mm
Combination spanner	6-8-10-13-14-15-17-19 mm
1/4" Dr. sockets	4-5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
Sliding T-bar	1/4"
Universal joint	1/4" - 1/2"
1/4" Dr. socket-bars	100 mm
1/2" Dr. socket-bars	250 mm

3 way joint	1
Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
Flexible bar	1/4" - 145 mm
Bits holder socket	1/4"
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Terminals	20
Utility knife	1
Blade	5
Level	300 mm
Socket handle	1/4"
Magnetic bit holder	1/4"
Bits	30 - 1/4"
Male adapter 1/4" Dr. and 1/4" hex	1
Case size	470 x 350 x 135 mm
Net weight	9,5 kg

0399 — € 192,00

TOOL BOX WITH TOOLS AND ACCESSORIES

Durable case with ergonomic handle.

88 Pcs | Box | Cr-V



Ball point hex key	2-2,5-3-4-5-6-8-10 mm
Screwdrivers	(-) 5 x 75 - 6 x 100 mm - (+) 1 x 75 - 2 x 100 mm
Pliers	150 mm
Adjustable wrench	250 mm
Diagonal cutting nippers	150 mm
Long nose pliers	150 mm
Multipurpose scissors	150 mm
Water pump pliers	240 mm
Combination spanner	8-10-11-12-13-15-17 mm
1/4" Dr. sockets	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	10-13-14-15-16-17-19-21-22 mm
Sliding T-bar	1/4"
Universal joint	1/4" - 1/2"
1/4" Dr. socket-bars	50 mm - 100 mm
1/2" Dr. socket-bars	125 mm - 250 mm
3 way joint	1
Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
German hammer	300 g
Utility knife	1
Magnetic bit holder	1
Bits	30 - 1/4"
Ratchet bit handle	1
Male adapter 1/4" Dr. and 1/4" hex	1
Case size	450 x 360 x 120 mm
Net weight	7 kg

0434 — € 93,10

TOOL BOX WITH TOOLS AND ACCESSORIES



54 Pcs | Box | Cr-V

Ball point hex key	1,5-2-2,5-3-4-5-6-8-10 mm
Screwdrivers	(-) 5 x 75 - 6 x 100 mm - (+) 1 x 75 - 2 x 100 mm
Pliers	150 mm
Adjustable wrench	200 mm
Long nose pliers	150 mm
Water pump pliers	240 mm
Spark plug sockets sizes	16 mm - 21 mm
German hammer	300 g
Utility knife	1
Magnetic bit holder	1
Bits	30 - 1/4"
Ratchet bit handle	1
Precision tape	5 m
Case size	400 x 270 x 120 mm
Net weight	3 kg

0165 — € 255,00

TOOL BOX WITH ACCESSORIES

175 tools and accessories made of light chrome vanadium metal. Suitcase with wheels and extendable handle.

175 Pcs | Box | Cr-V

Ratchet handles	1/4" - 1/2"
1\2" Dr. spark plug sockets	16 mm - 21 mm
Gear Reduction ratio	1/2" (M) - 3/8" (F)
Ratchet bit handle	1/4"
1/4" Dr. sockets	4-4,5-5-5,5-6-7-8-9-10-11-12-13 mm
Spinner handle	1/4"
1/2" Dr. sockets	10-11-12-13-14-15-16-17-18-19-20-21-22 23-24-27-30 mm
Sliding bars	1/4" - 1/2"
1/4" Dr. socket-bars	50 - 100 mm
Universal joints	1/4" - 1/2"
Flexible bar	1/4" - 150 mm
Ball point long nose hex key	1,5-2-2,5-3-4-5-6-8-10 mm
Electric tester	100 ÷ 250 V
Precision screwdrivers	(-) 1 - 1,4 - 1,8 - 2,4 - (+) 0 - 1
Pliers	200 - 180 - 160 mm
Adjustable wrench	200 mm
Water pump pliers	250 mm
Combination spanner	6-8-10-11-12-13-14-15-17-19 mm
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Magnetic level	250 mm
Aluminum flashlight	1
Crimping pliers	200 mm
Terminals	50
Utility knife	1
Locking pliers	175 mm
PVC tape	1
Pickup tools with magnet	1
Vernier caliper	150 mm
Electrician screwdrivers	(-) 5 x 125 - 4 x 100 - (+) 3 x 75 mm
Screwdrivers	(-) 3 x 75 - 3 x 100 - 5 x 75 - 6 x 38 - 6 x 100 mm (+) 3 x 75 - 3 x 100 - 5 x 75 - 6 x 38 - 6 x 100 – 8 x 150 mm
Magnetic bit holder	1
Bits	25 1/4"
Plastic case size	500 x 440 x 200/270 mm trolley mm
Trolley	1
Net weight	15 kg



0315 — € 175,00

TOOL BOX WITH ACCESSORIES

Ergonomic suitcase handle.

132 Pcs | Box | Cr-V

Ball point hex key	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Electric tester	100 ÷ 250 V
Precision screwdrivers	(-) 1 - 1,4 - 1,8 - 2,4 - (+) 0 - 1
Pliers	200 - 180 - 160 mm
Adjustable wrench	250 mm
Water pump pliers	250 mm
Combination spanner	6 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
German hammer	300 g
Precision tape	5 m
Mini hacksaw	1
Magnetic level	250 mm
Aluminum flashlight	1
Crimping pliers	200 mm
Terminals	50
Utility knife	1
Locking pliers	175 mm
PVC tape	1
Pickup tools with magnet	1
Vernier caliper	150 mm
Electrician screwdrivers	(-) 5 x 125 - 4 x 100 - (+) 3 x 75 mm
Screwdrivers	(-) 3 x 75 - 3 x 100 - 5 x 75 - 6 x 38 - 6 x 100 mm (+) 3 x 75 - 3 x 100 - 5 x 75 - 6 x 38 - 6 x 100 – 8 x 150 mm
Magnetic bit holder	1
Bits	25 - 1/4"
Plastic case size	500 x 440 x 150 mm
Net weight	9 kg




GELG
20 l
GELG

PNEUMATICS

p. 490 — Staplers and brad nailers
p. 492 — Air impact wrenches
p. 495 — Air die grinders
p. 495 — Air belt sander
p. 498 — Air guns
p. 500 — Spray guns
p. 503 — Air hose reel

SOLDERING IRONS, PAINT STRIPPERS AND HEAT GLUE GUNS

p. 505 — Solderings
p. 506 — Hot air guns
p. 507 — Glue guns

EQUIPMENT FOR LIQUIDS AND FLUIDS

p. 508 — Oilers
p. 509 — Greaser guns
p. 510 — Spray
p. 513 — Tanks
p. 513 — Pressure sprayers
p. 514 — Pumps

HEATERS, LIGHTING AND LENSES

p. 516 — Heaters
p. 517 — LED Lights
p. 518 — Lamps
p. 520 — Magnifier lens
p. 520 — Battery operated torches and lamps
p. 525 — Powers sockets

SAFETY AND ACCIDENT PREVENTION

p. 526 — Detergents and sanitizers
p. 527 — Gloves
p. 530 — Eyewear
p. 531 — First aid
p. 533 — Noise-protection headphones
p. 534 — Masks
p. 535 — Shoes and boots

0149 € 30,60

HEAVY DUTY STAPLE GUN TACKER

With 500 staples and 500 nails



Blister

F585 PRO € 139,00

2 IN 1 AIR STAPLER AND BRAD NAILER



Carrying case

Loader capacity	100
Working pressure	5 - 7 bar
Dimensions	255 x 230 x 67 mm
Nails	F - 10 / 50 mm
Staples	90 - 10 / 40 mm
Air inlet	1/4"
Net weight	1,4 kg

C586 PRO € 134,00

AIR BRAD NAILER



Carrying case

Loader capacity	120
Working pressure	5 - 7 bar
Dimensions	260 x 240 x 65 mm
Nails	F - 10 / 50 mm
Air inlet	1/4"
Net weight	1,3 kg

0587 € 94,80

AIR STAPLER



Carrying case

Loader capacity	100
Working pressure	5 - 7 bar
Dimensions	225 x 165 x 45 mm
Staples	80 - 6 / 16 mm
Air inlet	1/4"
Net weight	0,9 kg

F588/6 PRO € 129,00

AIR BRADDER FOR MINI PINS



Carrying case

Loader capacity	195
Working pressure	5 - 7 bar
Dimensions	235 x 198 x 46 mm
Staples	0,60 - 12 / 25 mm
Air inlet	1/4"
Net weight	1 kg

0585 € 115,00

2 IN 1 AIR STAPLER AND BRAD NAILER



Carrying case

Loader capacity	80
Working pressure	5 - 7 bar
Dimensions	245 x 230 x 55 mm
Nails	F - 10 / 50 mm
Staples	90 - 10 / 40 mm
Air inlet	1/4"
Net weight	1,4 kg

0586 — € 105,00

AIR BRAD NAILER



Carrying case

Loader capacity	110
Working pressure	5 - 7 bar
Dimensions	245 x 225 x 55 mm
Nails	F - 10 / 50 mm
Air inlet	1/4"
Net weight	1,5 kg

0588/6 — € 89,50

AIR BRADDER FOR MINI PINS



Carrying case

Loader capacity	130
Working pressure	5 - 7 bar
Dimensions	225 x 170 x 45 mm
Staples	0,60 - 12 / 30 mm
Air inlet	1/4"
Net weight	1 kg

C589 — € 76,60

AIR PALM NAILER



Box

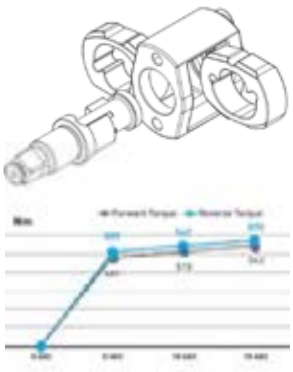
Working pressure	5 - 7 bar
Dimensions	111 x 115 x 70 mm
Nails	Ø 2.5 ÷ 4.1 - head Ø 6.3 ÷ 8.7 - length 38 ÷ 90 mm
Air inlet	1/4"
Net weight	0,5 kg



AP01 PRO € 238,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability





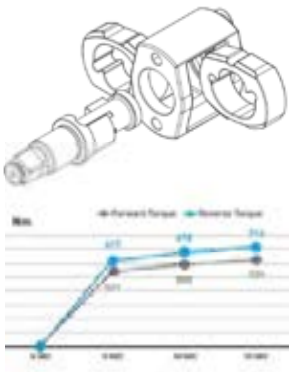
Box 3/8"

Speed	8500 rpm
Torque	542 Nm | 400 lb-ft
Avg air cons.	108 l/min | 3.8 SCFM
Working pressure	6 bar | 90 psi
Air inlet	1/4"
Net weight	1,2 kg

AP02 PRO € 247,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability





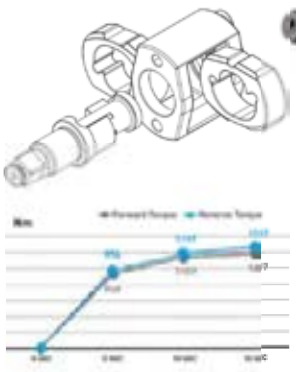
Box 1/2"

Speed	7800 rpm
Torque	678 Nm | 500 lb-ft
Avg air cons.	136 l/min | 4.8 SCFM
Working pressure	6 bar | 90 psi
Air inlet	1/4"
Net weight	1,2 kg

AP03 PRO € 255,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability





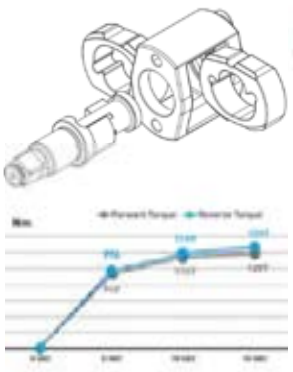
Box 1/2"

Speed	7300 rpm
Torque	1085 Nm | 800 lb-ft
Avg air cons.	153 l/min | 5.4 SCFM
Working pressure	6 bar | 90 psi
Air inlet	1/4"
Net weight	2 kg

AP04 PRO € 265,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability





Box 3/4"

Speed	7300 rpm
Torque	1085 Nm | 800 lb-ft
Avg air cons.	153 l/min | 5.4 SCFM
Working pressure	6 bar | 90 psi
Air inlet	1/4"
Net weight	2,1 kg

AP05 PRO € 617,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability



Box 3/4"

Speed	5300 rpm
Torque	1900 Nm | 1400 lb-ft
Avg air cons.	224 l/min | 8.1 SCFM
Working pressure	6 bar | 90 psi
Air inlet	3/8"
Net weight	3,3 kg

AP05/150 PRO € 741,00

AIR IMPACT WRENCH

With 150mm Anvil professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability.



Box 3/4"

Speed	5300 rpm
Torque	1900 Nm | 1400 lb-ft
Avg air cons.	224 l/min | 8.1 SCFM
Working pressure	6 bar | 90 psi
Air inlet	3/8"
Net weight	4 kg

AP06 PRO € 238,00

AIR IMPACT WRENCH

Professional series. In composite material, handle and head in shockproof rubber. Operating lever, change of rotation and speed adjustment operated with one hand. High power and great reliability



Box 1/2"

Speed	9000 rpm
Torque	312 Nm | 230 lb-ft
Avg air cons.	113 l/min | 4 SCFM
Working pressure	6 bar | 90 psi
Air inlet	1/4"
Net weight	1,1 kg

0573 € 119,00

AIR IMPACT WRENCH



Box 3/8"

Speed	10000 rpm
Torque	244 Nm
Avg air cons.	4 SCFM (120 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	1,5 kg

0571 € 162,00

AIR IMPACT WRENCH





Box | Alu Aluminum | 1/2"

Speed	7000 rpm
Torque	610 Nm
Avg air cons.	5 SCFM (150 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	2,6 kg

0576 € 171,00

AIR IMPACT WRENCH





Box | Alu Aluminum | 1/2"

Speed	7000 rpm
Torque	435 Nm
Avg air cons.	5 SCFM (150 l/min)
Working pressure	6 bar / 90 psi
Shank	1/4"
Net weight	2,5 kg

0786 € 287,00

AIR IMPACT WRENCH





Box | Alu Aluminum | 3/4"

Speed	4200 rpm
Torque	950 Nm
Avg air cons.	8 SCFM (240 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	4,8 kg

0044 € 94,80

AIR IMPACT WRENCH SET

With 10 wrenches, a wrench extension, ¼ "nozzle





13 Pcs | Box | Alu Aluminum | 1/2"

Speed	7000 rpm
Torque	320 Nm
Socket	9-10-11-13-14-17-19-22-24-27 mm
Extension	125 mm
Avg air cons.	5 SCFM (150 l/min)

Working pressure	6 bar/90 psi
Sound pressure level	84.4 ± 2.94 dB(A)
Level vibration transmitted to hand-arm	8.53 ± 2.05 m/s2
Air inlet	1/4"
Net weight	4 kg

0045 € 56,90

AIR IMPACT WRENCH





Box | Alu Aluminum | 1/2"

Speed	7000 rpm
Torque	320 Nm
Avg air cons.	5 SCFM (150 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	2,3 kg

0052 € 134,00

AIR IMPACT WRENCH





Box | Alu Aluminum | 3/4"

Speed	4800 rpm
Torque	680 Nm
Avg air cons.	6 SCFM (180 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	4,7 kg

0413 — € 30,80

MINI AIR DIE GRINDER

Collet 3mm and 6mm. Revolving rear air outlet. Body frame made from composite material.



Box

Pliers	Ø 3 mm - Ø 6 mm
Speed	25000 rpm
Avg air cons.	4 SCFM (113 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,4 kg

0414 — € 35,20

AIR DIE GRINDER

3mm and 6mm, with rear exhaust 360°, exclusive composite body design.



Box

Pliers	Ø 3 mm - Ø 6 mm
Speed	22000 rpm
Avg air cons.	7 SCFM (198 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,6 kg

0416 — € 54,80

90° AIR DIE GRINDER

Collet Ø 3mm - Ø 6mm. Revolving rear air outlet.



Box

Pliers	Ø 3 mm - Ø 6 mm
Speed	20000 rpm
Avg air cons.	4 SCFM (113 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,5 kg

0417 — € 60,50

LONG TYPE AIR DIE GRINDER

3 and 6mm pincers, with rear exhaust 360°, exclusive composite body design.



Box

Pliers	Ø 3 mm - Ø 6 mm
Length	295 mm
Speed	20000 rpm
Avg air cons.	4 SCFM (113 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,6 kg

0418 — € 53,70

REVERSIBLE AIR DRILL

Chuck 10 Ø mm , with rear exhaust 360°,composite body design



Box

Chuck sizes	Ø 10 mm
Speed	1800 rpm
Avg air cons.	4 SCFM (113 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,9 kg

0419 — € 90,60

6" AIR ORBIT SANDER WITH SUCTION

And speed control, hook & loop pad, 360° rear exhaust, die cast aluminum body with soft handle grip in lightweight and ergonomic design



Box

Disc diameter	150 mm – 6"
Orbit	5 mm, 3/16"
Speed	10500 rpm MAX.
Avg air cons.	3 SCFM (85 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Length	200 mm
Net weight	1 kg

0421 € 98,60

6" AIR ORBIT SANDER WITH SELF-INTEGRATED SUCTION

Speed control, hook & loop pad, 360° rear exhaust, die cast aluminum body with soft handle grip in lightweight and ergonomic design, corrugated hose and dust bag



Box

Disc diameter	150 mm – 6"
Orbit	5 mm, 3/16"
Speed	10500 rpm
Avg air cons.	3 SCFM (85 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Length	200 mm
Net weight	1 kg

0458 € 90,60

6" AIR ORBIT SANDER WITH SUCTION

Speed control, 2.5mm orbit, hook & loop pad, 360° rear exhaust, die cast aluminum body with soft handle grip in lightweight and ergonomic design.



Box

Disc diameter	150 mm – 6"
Orbit	2,5 mm - 3 / 32"
Max speed	10500 rpm
Avg air cons.	3 SCFM (85 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Length	200 mm
Net weight	1 kg

0460 € 107,00

6" AIR ORBIT SANDER WITH SELF-INTEGRATED SUCTION

Speed adjustable, revolving rear air outlet, aluminum body, soft and ergonomic handle, Suction tube and dust collection bag.



Box

Disc diameter	150 mm – 6"
Orbit	2,5 mm - 3 / 32"
Max speed	10500 rpm
Avg air cons.	3 SCFM (85 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Length	200 mm
Net weight	1 kg

0046 € 89,50

AIR RATCHET WRENCH SET

With 7 sockets, a fixed 75 mm extension for sockets, a 75 mm extension with joint for sockets, ¼ "nozzle, three screwdriver bits and a fixed 75 mm extension for screwdriver bits.



16 Pcs | Carrying case | 1/2"

Speed	160 rpm
Torque	65 Nm
Socket	9-10-11-13-14-17-19 mm
Extension	75 mm
Universal joint	1/2"
Bit holder	1/4"
Avg air cons.	4 SCFM (120 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	2,6 kg

0047 € 72,30

REVERSIBLE AIR SCREWDRIVER



Box | 1/4"

Speed	9000 rpm
Screw	4-5 mm
Torque	2,3 - 6,8 Nm
Length	180 mm
Avg air cons.	5 SCFM (150 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,8 kg

0339 € 73,80

REVERSIBLE AIR DRILL



Box

Chuck sizes	Ø 10 mm
Speed	1800 rpm
Avg air cons.	5 SCFM (150 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	1,1 kg

0574 € 98,20

REVERSIBLE AIR DRILL



Box

Chuck sizes	Ø 10 mm
Speed	1800 rpm
Avg air cons.	5 SCFM (150 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	1 kg

0313 € 101,00

5" AIR ANGLE DIE GRINDER



Box

Saw blade	Ø 125 mm
Speed	10000 rpm
Avg air cons.	5 SCFM (150 l/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	2 kg

0050 € 43,30

AIR DIE GRINDER SET



13 Pcs

Carrying case

Pliers	Ø 3 mm - Ø 6 mm
Mounted stone	10 Pcs / Pcs
Speed	22000 rpm
Avg air cons.	4 SCFM (120 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	1,2 kg

0051 € 29,50

AIR DIE GRINDER



Box

Pliers	Ø 3 mm - Ø 6 mm
Speed	22000 rpm
Avg air cons.	4 SCFM (120 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,8 kg

0570 € 99,30

AIR DIE GRINDER SET

With 10 clips, 2 pliers, 1 nozzle for connecting the feeding tube



14 Pcs

Carrying case

Pliers	Ø 3 mm - Ø 6 mm
Mounted stone	10 Pcs
Speed	21000 rpm
Power	0,45 hp
Avg air cons.	5 SCFM (150 l/min.)
Working pressure	6 bar / 90 psi
Sound pressure emitted in atmosphere	77.9 ± 3.0 dB(A)
Air inlet	1/4"
Net weight	1 kg

0115 € 55,30

AIR DIE GRINDER



Box

Pliers	Ø 3 mm - Ø 6 mm
Speed	20000 rpm
Length	295 mm
Avg air cons.	4 SCFM (120 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,7 kg

0641 — € 63,30

FLEXIBLE PNEUMATIC MICROGRINDING WHEEL

For grinding and chamfering

15 Pcs | Carrying case



Collet capacity	3 mm
Speed	56000 rpm
Avg air cons.	2 SCFM (60 l/min.)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,7 kg

0784 — € 74,30

AIR BELT SANDER

With spare belts. Light metal body

Box



Speed	16000 rpm	Belt	10 x 330 mm
Avg air cons.	6 SCFM (180 l / min.)	Air inlet	1/4"
Working pressure	6 bar / 90 psi	Net weight	0,9 kg

0644 — € 40,90

PNEUMATIC AXIAL GRINDING WHEEL

Carrying case



Saw blade	Ø 75 x 1,5 x Ø 10 mm	Working pressure	6 bar / 90 psi
Speed	15000 rpm	Air inlet	1/4"
Avg air cons.	5 SCFM (150 l/min.)	Net weight	0,7 kg

0059 — € 34,60

HEAVY DUTY AIR HAMMER WITH 4 HEXAGONAL CHISELS

5 Pcs | Box



Speed	BPM 3500	Working pressure	6 bar / 90 psi
Bore-stroke	19 x 66 mm / 3/4"x 2 5/8"	Air inlet	1/4"
Avg air cons.	4,5 SCFM (135 l/min)	Net weight	1,5 kg

0049 — € 8,80

OILER

For pneumatic tools



Blister | 1/4"

W021PA — € 7,10

BLOW GUN



Blister | Aluminum

Nozzle	2.0 mm
Working pressure	2 - 6 bar
Air inlet	1/4"

W021PG — € 18,10

TYRE INFLATING GUN

Blister | Aluminum



Max. pressure	12 bar (170 psi)
Working pressure	2 - 4 bar (30 - 60 psi)
Accuracy	±1%
Rubber hose length	440 mm
Air inlet	1/4"

W021PN — € 14,90

WASHING GUN

With aluminium body and steel cup

Box



Capacity	900 ml
Nozzle	4.5 mm
Working pressure	3 - 4 bar
Air inlet	1/4"

0607 € 6,50

BLOW GUN



Blister | Alu (Aluminum)

Nozzle	2.0 mm
Working pressure	4-6 bar
Air inlet	1/4"

0125 PRO € 37,40

DIGITAL TYRE GAUGE

With backlight and various measurement units. equipped with tyre valve screwdriver



Blister

Max. pressure	8 bar (110 psi)
Working pressure	2 - 4 bar (30 - 60 psi)
Reading	0,05 bar | 0,7 psi
Not included batteries	2 x 1.5V AAA
Rubber hose length	80 mm
Air inlet	1/4"

0608 € 18,30

TYRE INFLATING GUN



Blister

Manometer	Ø 63 mm
Reading	0÷12 bar | 0÷174 psi
Rubber hose length	420 mm
Air inlet	1/4"

0610 € 15,00

WASHING GUN



Box

Capacity	1000 cc
Air inlet	1/4"

0609 PRO € 44,80

TYRE INFLATING GUN



Blister

Manometer	Ø 70 mm
Reading	0÷12 bar | 0÷174 psi
Rubber hose length	1000 mm
Air inlet	1/4"

0725 € 6,70

BLOW GUN



Blister

Hose length	100 mm
Air inlet	1/4"

0725L € 9,10

LONG NOSE BLOW GUN



Blister

Hose length	275 mm
Air inlet	1/4"

0412 € 10,80

BLOW GUN

High quality, with chromed steel 100mm nozzle gun body in POM plastic (Polyoxymethylene) brass valve.



Blister

Hose length	100 mm
Air inlet	1/4"

TH601A — PRO — € 151,00

GRAVITY FEED SPRAY GUN

600ml feed HVLP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle, brass air cap, alum clamp and knobs. HVLP = high volume, low pressure.

Box | INOX | Chromed

Capacity	600 ml
Nozzle diameter	1,3 mm
Fluid delivery	130 ml/min
Working pressure	2 bar (29 PSI)
Working range	200 mm
Pattern	280 - 300 mm
Air inlet	1/4"
Net weight	0,5 kg



TH602A — PRO — € 123,00

GRAVITY FEED SPRAY GUN

100ml feed HVLP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle, brass air cap, alum clamp and knobs, male thread fitting 1/4" HVLP = high volume, low pressure.

Box | INOX | Chromed

Capacity	100 ml
Nozzle diameter	1,0 mm
Fluid delivery	50 ml/min
Working pressure	1,5 bar (20 PSI)
Working range	150 mm
Pattern	160 mm
Air inlet	1/4"
Net weight	0,3 kg



TH901A — PRO — € 151,00

GRAVITY FEED SPRAY GUN

600ml feed LVMP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle, brass air cap, alum clamp and knobs. LVMP = low volume, medium pressure.

Box | INOX | Chromed

Capacity	600 ml
Nozzle diameter	1,3 mm
Fluid delivery	140 ml/min
Working pressure	2 ÷ 2,2 bar (29 ÷ 32 PSI)
Working range	200 mm
Pattern	270 - 300 mm
Air inlet	1/4"
Net weight	0,5 kg



A601DS — € 101,00

SUCTION SPRAY GUN

1000ml suction HVLP spray gun with baionet lock, aluminum cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle brass air cap, alum clamp and knobs. HVLP = high volume, low pressure.

Box | INOX | Chromed

Nozzle	Ø 1,4mm
Capacity	1000 cc
Working pressure	2,5 - 3 bar
Air inlet	1/4"
Net weight	1,1 kg



A601A — € 97,10

GRAVITY FEED SPRAY GUN

600ml feed HVLP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle brass air cap, blue color alum clamp and knobs. HVLP = high volume, low pressure.

Box | INOX | Chromed

Nozzle	Ø 1,4mm
Capacity	600 cc
Working pressure	2,5 - 3,5 bar
Air inlet	1/4"
Net weight	1 kg



A602A — € 62,80

GRAVITY FEED SPRAY GUN

100ml feed HVLP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle brass air cap, blue color alum clamp and knobs. HVLP = high volume, low pressure.

Box | INOX | Chromed

Nozzle	Ø 1,0mm
Capacity	100 cc
Working pressure	2 - 2,5 bar
Air inlet	1/4"
Net weight	0,5 kg



A901A — € 95,40

GRAVITY FEED SPRAY GUN

600ml feed LVMP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle, brass air cap, blue color alum clamp and knobs. LVMP = low volume, medium pressure.

Box · INOX · Chromed



Capacity	600 ml
Nozzle diameter	1,4 mm
Fluid delivery	200-380 ml/min
Max. pressure	2-3 bar (30-43 PSI)
Air inlet	1/4"
Net weight	0,6 kg

A902A — € 64,00

GRAVITY FEED SPRAY GUN

100ml feed LVMP spray gun, nylon gravity cup, made with CNC machine, without O-ring, with stainless steel nozzle and needle brass air cap, blue color alum clamp and knobs. 1/4" LVMP = low volume, medium pressure.

Box · INOX · Chromed



Capacity	100 ml
Nozzle diameter	1 mm
Fluid delivery	45 - 65 ml/min
Max. pressure	1.5 - 2.5 bar (22 - 36 PSI)
Air inlet	1/4"
Net weight	0,3 kg

A162DS — € 38,30

SPRAY GUN WITH FLUID CUP PROVIDED WITH BAYONET LOCK

Aluminum cover

Box · Alu (Aluminum)



Nozzle	Ø 1,8 mm
Capacity	1000 cc
Working pressure	4-8 bar
Air consumption	100-200 l/min
Air inlet	1/4"
Net weight	0,9 kg

A162C — € 27,20

SPRAY GUN WITH FLUID CUP PROVIDED WITH RAPID LOCK

Aluminum cover

Box · Alu (Aluminum)



Nozzle	Ø 1,8 mm
Capacity	1000 cc
Working pressure	4-8 bar
Air consumption	100-200 l/min
Air inlet	1/4"
Net weight	0,8 kg

A162A — € 23,00

SPRAY GUN WITH GRAVITY FLOW CUP

Box



Nozzle	Ø 1,8 mm
Capacity	500 cc
Working pressure	4-8 bar
Air consumption	100-200 l/min
Net weight	0,5 kg

0048 — € 17,40

MINI SPRAY GUN

Fitting for pressurized air container and 1/4" fitting for air compressor



7 Pcs · Box

TH250 € 15,40

PRESSURE REGULATOR

With gauge for air tools



Blister

Manometer	Ø 40 mm
Reading	0÷11 bar | 0÷160 psi

TH500 € 26,90

PRESSURE REGULATOR

With gauge for air tools



Blister

Manometer	Ø 30 mm
Reading	0÷10 bar | 0÷145 psi

0777/2 € 38,60

REDUCER WITH GAUGE AND FILTER



Box

Shank	1/4" - 3/8" - 1/2"
Reading	0÷10 bar | 0÷140 psi

0777/3 € 68,50

REDUCER WITH GAUGE, FILTER AND OILER



Box

Shank	1/4" - 3/8" - 1/2"
Reading	0÷10 bar | 0÷140 psi

0785-XM

SET 2 PCS UNIVERSAL MALE QUICK COUPLER



Blister

Art.	€	Shank
0785/1M	€ 10,00	1/4"
0785/2M	€ 10,00	3/8"

0785-XF

SET 2 PCS UNIVERSAL FEMALE QUICK COUPLER



Blister

Art.	€	Shank
0785/1F	€ 10,00	1/4"
0785/2F	€ 10,00	3/8"

0783-XM

SET 2 PCS OF GERMAN TYPE MALE PLUG



Blister Steel Nickel plated

Art.	€	Shank
0783/1M	€ 2,84	1/4"
0783/2M	€ 2,84	3/8"

0783-XF

2 PCS SET GERMAN TYPE FEMALE PLUG



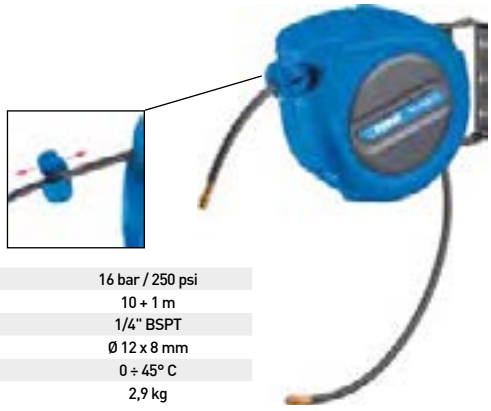
Blister Steel Nickel plated

Art.	€	Shank
0783/1F	€ 2,62	1/4"
0783/2F	€ 2,62	3/8"

A481/10 PRO NEW € 73,40

AUTO REWIND AIR HOSE REEL

Made of polypropylene shell, with polyurethane mesh hose and regulation for distributing evenly the tube in the internal part, tools free adjustable stop ball and 180° swivel mount bracket



Box PP Polyprop.

Max. pressure	16 bar / 250 psi
Hose length	10 + 1 m
Male Fitting	1/4" BSPT
Hose diameter	Ø 12 x 8 mm
Working temperature	0 ÷ 45° C
Net weight	2,9 kg

A481/15 PRO NEW € 113,00

AUTO REWIND AIR HOSE REEL

Made of polypropylene shell, with polyurethane mesh hose and regulation for distributing evenly the tube in the internal part, tools free adjustable stop ball and 180° swivel mount bracket



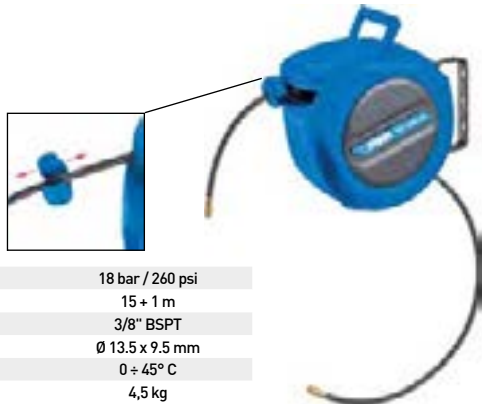
Box PP Polyprop.

Max. pressure	16 bar / 250 psi
Hose length	15 + 1 m
Male Fitting	1/4" BSPT
Hose diameter	Ø 12 x 8 mm
Working temperature	0 ÷ 45° C
Net weight	4,4 kg

A481/15H PRO NEW € 134,00

AUTO REWIND AIR HOSE REEL

Made of polypropylene shell, with polyurethane mesh hose and regulation for distributing evenly the tube in the internal part, tools free adjustable stop ball and 180° swivel mount bracket



Box PP Polyprop.

Max. pressure	18 bar / 260 psi
Hose length	15 + 1 m
Male Fitting	3/8" BSPT
Hose diameter	Ø 13.5 x 9.5 mm
Working temperature	0 ÷ 45° C
Net weight	4,5 kg

A481/30H PRO NEW € 200,00

AUTO REWIND AIR HOSE REEL

Made of polypropylene shell, with polyurethane mesh hose and regulation for distributing evenly the tube in the internal part, tools free adjustable stop ball, low speed retraction system and 180° swivel mount bracket



Box PP Polyprop.

Max. pressure	18 bar / 260 psi
Hose length	30 + 2 m
Male Fitting	3/8" BSPT
Hose diameter	Ø 13.5 x 9.5 mm
Working temperature	0 ÷ 45° C
Net weight	9 kg

0378/1510 PRO € 166,00

AUTO REWIND AIR HOSE REEL

With pu mesh hose and regolation for distributing evenly the tube in the internal part



Box PP Polyprop.

Max. pressure	18 bar / 260 psi
Hose length	15 + 1 m
Male Fitting	3/8" BSPT
Hose diameter	Ø 13,5 x 9,5 mm
Working temperature	0 ÷ 45° C
Net weight	5 kg

0481/15 € 127,00

AUTO REWIND AIR HOSE REEL

With pu mesh hose, german type female quick coupler, german type female plug and regolation for distributing evenly the tube in the internal part



Box ABS

Max. pressure	16 bar / 250 psi
Hose length	15 + 1 m
Male Fitting	1/4" BSPT
Hose diameter	Ø 12 x 8 mm
Working temperature	0 ÷ 45° C
Net weight	4,5 kg

0240/15 — € 150,00

AUTO REWIND AIR HOSE REEL

With pu mesh hose



Box

Max. pressure	16 bar / 250 psi
Hose length	15 m + 1m
Male Fitting	3/8" BSPT
Hose diameter	12 x 8 mm
Net weight	5 kg

S075-

POLYURETHANE SPIRAL HOSE WITH SWIVEL MALE FITTING



Art.	€	Length	Diameter	Thread
S075/08X5	**€ 12,90**	7,5 m	Ø 8 x 5 mm	1/4"
S075/10X6.5	**€ 18,10**	7,5 m	Ø 10 x 6,5 mm	1/4"
S100/08X5	**€ 15,60**	10 m	Ø 8 x 5 mm	1/4"
S100/10X6.5	**€ 23,00**	10 m	Ø 10 x 6,5 mm	1/4"
S100/12X8	**€ 25,40**	10 m	Ø 12 x 8 mm	1/4"



0793 € 20,20

WOOD-BURNING PEN SET WITH 6 PINS OF DIFFERENT SHAPE



7 Pcs Blister

Power	230 V 50 Hz 30 W

0031 € 32,90

HIGH PRECISION TEMPERATURE -CONTROLLED SOLDERING IRON STATION

Adjustable temperature 150-420°C, iron tip with hole Ø 6 mm



Box

Melting point	215°
Working temperature	215 ÷ 300°C
Max temperature	450°C
Power	230 V, 50 Hz, 37 W

0027/40W € 14,40

SOLDERING IRON



Blister

Power	230 V 50 Hz 40 W
Working temperature	450°C ± 10%

0037 € 19,60

SOLDERING IRON COMBINATION SET



Blister

Power	230V 50Hz 30W

0033A PRO € 112,00

HIGH PRECISION TEMPERATURE -CONTROLLED SOLDERING IRON STATION

Adjustable temperature 150-420°C, iron tip with hole Ø 6 mm



Box

Melting point	215°
Working temperature	215 ÷ 300°C
Max temperature	420°C
Power station supply	230 V 50 Hz
Soldering power supply	24 V 48 W

0027/30W € 12,70

SOLDERING IRON



Blister

Power	230 V 50 Hz 30 W
Working temperature	450°C ± 10%

0033A/TIP € 18,00

SOLDERING IRON TIP SET



4 Pcs Hangable

0027/40W/TIP € 18,00

SOLDERING IRON TIP SET



4 Pcs Hangable

0037/TIP € 16,00

SOLDERING IRON SPARE PART TIP

Set of tips with hole Ø 6mm.



5 Pcs Hangable

0864 — € 45,00

GAS SOLDERING IRON

Tip and solder heads with protection cap and gas igniter



Blister

Dimensions	165 x 23 mm

0026 — € 20,00

SOLDERING GUN

With tin and a spare pointer



Blister

Power	230 V 50 Hz 100 W

0443 — PRO — € 56,30

FAST HEATING SOLDERING GUN

With adjustable temperature



Carrying case

Power	230V 50Hz 200W
Temperature	70 °C ÷ 500 °C

0024 — € 30,10

HOT AIR GUN



Box

Temperature	300 °C - 500 °C
Air stream	280 l/min - 480 l/min
Power	230 V 50Hz 1,5 kW

0694 — € 44,60

HOT AIR GUN SET

At 2 temperatures, with spatula, scrapers and diffusers



10 Pcs — Carrying case

Temperature	300 °C - 600 °C
Air stream	500 l/min - 650 l/min
Power	230 V 50 Hz 1 - 2 kW

0444 — PRO — € 84,00

DIGITAL HOT AIR GUN SET

With electronic temperature control, lcd display to show the temperature, 2 levels of air flow, ideal for heating, folding, bending, removing paint



6 Pcs — Box — ABS

Power	230 V, 50 Hz, 2000 W
Temperature	I 70°C - II 70°C ÷ 600°C - III 70°C ÷ 600°C
Air stream	I 300L/min - II 300L/min - III 500L/min

0865 — € 63,50

ELECTRIC BARBECUE LIGHTER

Lights charcoal on the barbecue or in the fireplace completely without chemicals and matchsticks. 600°c heat generated and sets charcoal on fire in approx. 30 - 60 seconds



Box

Power	230 V, 50 Hz, 2000 W
Temperature	600° C

0441 — € 69,90

HOT KNIFE FOR POLYSTYRENE WITH ADJUSTABLE TEMPERATURE

For polystyrene, plastic, foam and sponge, adjustable cutting length, metal stand



Box

Power	230 V, 50 Hz, 220 W
Temperature	120 - 220 - 330 - 400 - 450 °C
Cutting capacity with adjustment	20 ÷ 90 mm
Max cut	150 mm

0321 € 47,60

HOT KNIFE FOR POLYSTYRENE WITH ADJUSTABLE TEMPERATURE

For polystyrene, plastic, foam and sponge, adjustable cutting length, metal stand



Box

Power	230 V, 50 Hz, 130 W
Temperature	Max 450 °C
Cutting capacity with adjustment	14 ÷ 97 mm
Max cut	120 mm

0333 PRO € 111,00

HOT KNIFE FOR POLYSTYRENE WITH ADJUSTABLE TEMPERATURE

For polystyrene, plastic, foam and sponge, adjustable cutting length, metal stand

Carrying case



Power	230 V, 50 Hz, 150 W
Temperature	Max 500 °C
Max cut	150 mm

0706 PRO € 36,50

GLUE GUN TRIGGER FEED



Carrying case

Power	230 V 40W 300 °C
Glue stick	Ø 12 mm

0431 PRO € 18,00

GLUE GUN TRIGGER FEED

Equipped with automatic advance and Led to segnal connection to electric power.



Blister

Power	230 V, 35 W, 200 °C
Glue stick	Ø 12 mm
Glue flow	16 ÷ 20 g/min

0333/150 € 18,00

SPARE BLADE



0034 € 5,10

HOT MELT GLUE STICKS



10 Pcs Blister

Dimensions	Ø 12 x 200 mm Tot. 200 gr

0071 € 5,40

HOT MELT GLUE STICKS



10 Pcs Blister

Dimensions	Ø 12 x 200 mm 200 gr mm

0156-

FLEXIBLE OIL-CAN



Art.	€	Capacity
0156/200	€ 6,00	200 cc
0156/500	€ 7,50	500 cc

0158/500 € 9,10

OILER WITH FLEXIBLE SPOUT



Plastic

Capacity	500 cc

0164/250 € 7,80

OILER WITH VERTICAL FLEXIBLE SPOUT



Plastic

Capacity	250 cc

0473-

OIL DRAIN PAN

With pouring spout and handles, made of high density polyethylene, impact resistant



Art.	€	Capacity	Dimensions
0473/10	€ 19,60	10 l	Ø400 x 120h mm
0473/15	€ 21,40	15 l	Ø500 x 130h mm

0171-

MEASURING JUG

With flexible spout, screw cover and anti-dripping end cap



Plastic

Art.	€	Capacity
0171/2	€ 11,30	2 l
0171/3	€ 11,10	3 l
0171/5	€ 15,20	5 l

0183/750 € 3,60

PLASTIC CAN WITH SPOUT



Plastic

Capacity	750 cc

0172/150 € 8,60

PLASTIC FUNNEL

Closing screw, flexible spout, anti-dripping top/end covers and upper handle for the hanging.



Plastic

Diameter	Ø150 mm
Height	435 mm

0677/500 — € 18,00

500CC HAND OPERATED LEVER GREASE GUN

Composed of metal tank and pump, coupler and 300mm PVC flexible hose, for using with loose grease or Ø 53mm grease cartridges.



Box

Capacity	500 cc
Flexible hose sizes	Ø 8 x 300 mm
Working pressure	6000-8000 psi

0677 — € 41,00

HAND OPERATED LEVER GREASE GUN

Composed of metal tank and pump, coupler and 450mm PVC flexible hose for using Ø 55mm grease cartridges or loose grease (adaptor already mounted).



Box

Capacity	1000 cc
Flexible hose sizes	Ø 9 x 450 mm

0677/IA — € 280,00

AIR OPERATED GREASE GUN

To be used with Ø 55mm cartridge or loose grease with 2 grease cartridges, 400mm reinforced hose included and 4 jaw adjustable fitting.



Box

Capacity	800 cc
Dimensions	Ø 60 x 500 mm
Working pressure	4 - 6 bar

0677/500CG — NEW — € 9,30

GREASE CARTRIDGE



Box

Capacity	500cc
Dimensions	Ø 53mm

0677/CG — € 10,60

GREASE CARTRIDGE



Box

Capacity	650 cc
Dimensions	Ø 55 mm

0677/SO — € 28,60

PLASTIC SUCTION DISCHARGE GUN



Box

Plastic

Capacity	500 g
Dimensions	Ø 50 x 500 mm

G030-

EMULSIFIABLE COOLANT AND LUBRICANT FLUID

Of high quality, mixable with water in these percentages: grinding: 2.5-3.5%, turning and milling: 3.00-4.00%, deep drilling: 4.00-7.00%, threading, tapping and light stamping: 7-15%.



made in Italy

Art.	€	Quantity
G030/01	€ 12,50	1 l
G030/05	€ 50,60	5 l
G030/25	€ 240,00	25 l

S401/00 € 7,80

MULTI-FUNCTION SPRAY

A multipurpose product: it lubricates, protects, and releases. It is water-repellent and corrosion preventive. It protects parts subject to exposed water-pins, levers, and outboard motor parts. It meets the nautical market requirements and thanks to its high waterproofing / water-repellent capacities it's ideal for maintenance on any machine part.



made in Italy

Capacity	400 ml

S401/01 € 6,60

COLD GALVANIZER

Cold galvanizer with high molecular weight, it chemically solidifies producing a long lasting metal coating. It protects all metal surfaces from oxidation. It forms an even resistant layer which can be painted or left as a final protection. It is ideal for retouching, for finishing and repairing galvanized parts.



made in Italy

Capacity	400 ml

S401/02 € 5,90

MULTIPURPOSE GREASE

A compound of high quality saponified greases. Grease with a wide range of use, good chemical stability, water-repellent and adhesiveness properties. It protects against water and it is perfectly stable and resistant to salty and dirty atmospheres,acid and basic solution and atmospheric corrosion. Ideal for lubricating bearing, bushings, hubs, kingpins, guides and general use on motor vehicles, farming and industrial machinery.



made in Italy

Capacity	400 ml

S401/03 € 5,30

SOLVENT AND RELEASING

Penetrating synthetic fluid with a high solvent and releasing power, it facilitates the releasing process of bolts, joints, threads, hinges and all other mechanical parts from rust and oxidation. It also leaves a long lasting waterproof and water repellent protective film.



made in Italy

Capacity	400 ml

S401/04 € 5,80

PURE SILICONE OIL

Solution based on pure silicone oil that has anti-stick release agents and lubricants on various materials. It also gives a good water repellency on treated materials preventing the accumulation of electrostatic charges. It works as polishing and protective on plastic parts and it protects the seals from cracking increasing tightness and durability.



made in Italy

Capacity	400 ml

S401/05 — € 5,70

WELDING ANTIADHESIVE

A product made of filmforming synthetic polymers which, owing to their special features, it prevents the seizure of welding spatter to any surface. The film also prevents oxidation and corrosion caused by chemicals. It is suitable for autogenous, electric and inert-gas welding. The compound is free of silicon substances.



Capacity	400 ml

S401/06 — € 9,50

SPRAY STAINLESS STEEL

This zinc coating is silicone resin based and it forms a protective layer. Formulated to remain unchanged over time with exceptional resistance to chemical corrosion and weathering and good mechanical strenght. Quick drying coating.



Capacity	400 ml

S401/08 — € 10,00

DRY PTFE LUBRICANTING AGENT

Dry, water-repellent, anti-adhesive lubricant. Does not withhold dust and does not stain. It forms a dry and flexible layer of PTFE on the part treated that adheres tightly to metal, wood, and plastic, etc. Temperature-resistant between -80°C and +260°C. It provides protection against corrosion. Ideal for drive chains, threads, rollers, belts, guides and heavy-duty tools, etc.



Capacity	400 ml

S401/09 — € 7,20

COPPER GREASE

This product is made of super fine foliated copper particles and special corrosion inhibitors. It has protective and lubricating properties at high temperatures. Resistance to high temperatures (1000 °C), high adhesive capacity and anti-corrosion capacity make it ideal for all cases where heat or a highly corrosive environment can create irreversible blocks: slip, ring, pins, motor, exhausts, electrical, contacts, threaded connections, injection valves, etc.



Capacity	400 ml

S401/10 — € 6,70

CUTTING OIL

New product developed for specific professional applications in hard metal cutting and operations. Oil with a paraffin mineral base enriched with special EP anti-weld additives. Ideal for use in difficult threading operations with particularly hard, alloy steel. Suitable for use in the hydraulic sector.



Capacity	400 ml

S401/11 — € 5,10

AIR CLEAN

It removes dust even from lesser accessible parts. It is a must for cleaning lenses, objectives, computers and any kind of mechanism.



Capacity	400 ml

S401/12 — € 5,60

DE-OXIDIZING AGENT FOR ELECTRIC CONTACTS

Specifically formulated for the deep cleaning of electrical, electronic and electromagnetic contacts. It immediately removes humidity and oily substances like grease, oil, sludge, wax and glue from the surface, leaving it clean and degreased. The product might be corrosive to certain delicate surfaces.



made in Italy

Capacity	400 ml

S401/13 — € 6,20

VASELINE OIL

Pure vaseline oil particularly indicated for applications where periodically maintenance, cleaning and lubrication are necessary. It is recommended for the lubrication of delicate mechanism. Due to its special formulation it protects and lasts for long time.



made in Italy

Capacity	400 ml

S401/07 — € 5,50

BRAKE CLEANER, CARBURETORS AND THROTTLE BODIES

Special cleaner particularly effective on all mechanical components that require to be degreased without rinsing such as brakes and clutches. It rapidly dissolves oil, grease and other dirty substances. Developed for cleaning throttle bodies and intake manifolds that are made out of plastic material. It removes carbon and oily deposits from the throttle body and the entire intake system. It reduces the emission of harmful exhaust gases.



made in Italy

Capacity	500 ml

S401/14 — € 6,50

PURE ZINC

It is a cold galvanizer with high molecular weight. It chemically solidifies producing a long-lasting metal coating. It protects all metal surfaces from oxidation. It forms a resistant layer which can be painted or left as a final protection. It offers exceptional resistance to weathering in difficult conditions. It is ideal for retouching, finishing, and repairing galvanized parts.



made in Italy

Capacity	400 ml

S401/15 — € 6,70

ZINC ADHESIVE LUBRICANT FOR CHAINS

High performance chain grease, this high quality product developed and tested for the racing industry (on-and off-road motorcycles) provides guaranteed lubrication for extended periods of intense use. It reduces wearing of chains, crowns, pinions and all mechanical moving parts, while also protecting against water and dust.



made in Italy

Capacity	400 ml

S401/16 — € 6,60

LITHIUM GREASE

Contains lithium and titanium oxides that make it specific and suitable for the nautical sector. It has long-term lubrication and performs in the presence of saline and aggressive atmospheres. It has long-term stability and resistance to oxidation. It protects surfaces from corrosive agents and it is suitable for both high temperatures (220°C/428°F) and low temperatures (-40°C/-40°F). Excellent for lubricating pins, joints, transmissions, levers, suspensions, hinges and exposed machine parts.



made in Italy

Capacity	400 ml

0660-

PLASTIC FUEL TANK

With flexible filler, "un" certified according to european directives



Plastic

Art.	€	Capacity Liters	Dimensions	Net weight
0660/05	**€ 11,30**	5	260 x 120 x 250h mm	0,5 kg
0660/10	**€ 16,30**	10	330 x 160 x 300h mm	0,7 kg
0660/20	**€ 21,40**	20	400 x 200 x 360h mm	1 kg

0189-

METAL FUEL TANK

With flexible filler, "un" certified according to european directives



Art.	€	Capacity Liters	Net weight
0189/05C	**€ 42,30**	5	1,5 kg
0189/10C	**€ 42,90**	10	2,5 kg
0189/20C	**€ 48,90**	20	3,7 kg

0189/G — € 1,82

METAL POURING SPOUT



Pack 10

0194 — € 13,50

METAL POURING SPOUT



Pack 5

0356 — € 63,30

TROLLEY PRESSURE SPRAYER WITH BRASS LANCE PIPE

With FPM gaskets.



Box

Capacity 16 l

0303 — € 43,20

PRESSURE SPRAYER WITH BRASS LANCE PIPE

With gauge and FPM gaskets.



Box

Capacity 8 l

0274 PRO € 8,40

PRESSURE SPRAYER WITH BRASS NOZZLE

With FPM gaskets.



Capacity	2 l

0289 € 6,10

PRESSURE SPRAYER WITH BRASS NOZZLE

Rubber gaskets



Capacity	2 l

P024/06 € 52,70

LEVER ACTION HAND PUMP

For transferring lubricating oil, diesel, kerosene and antifreeze drums with rigid steel pipe Ø 16 x 700mm with thread M16 x 1 and delivery pipe in plastic.



Box Alu Aluminum

Capacity	6 l/min
Single stroke capacity	0.1 l
Pump thread	2" / 1-1/2"

P024/15 € 62,50

LEVER ACTION HAND PUMP

For transferring lubricating oil, diesel, kerosene and antifreeze drums with rigid steel pipe Ø 20 x 820mm with 1/2 " gas thread and plastic delivery pipe.



Box Alu Aluminum

Single stroke capacity	0.350 l
Capacity	15 l/min
Pump thread	2" / 1-1/2"

0385 € 54,60

ROTARY HAND PUMP

For transferring lubricating oil, diesel, kerosene and antifreeze drums with telescopic suction pipe



Box Alu Aluminum

Capacity	20 l/min
Pump thread	2"

0386 € 39,00

LEVER ACTION HAND OIL PUMP

For transferring lubricating oil, diesel, kerosene and antifreeze drums with telescopic pipe



Box

Capacity	18 l/min
Pump thread	2" / 1-1/2"

0474/PP — € 15,70

PVC DIESEL GUN



Box

Capacity	60÷80 l/min
Nozzle	Ø25 mm
Inlet thread	1" BSP

0474/PE — € 30,30

NOZZLE OIL GUN

With swivel connector.



Box — Alu Aluminum

Capacity	60÷120 l/min
Nozzle	Ø25 mm
Inlet thread	1" BSP

0474/PA — € 74,90

AUTOMATIC DIESEL GUN

With swivel connector.



Box

Capacity	90 l/min
Nozzle	Ø25 mm
Inlet thread	1" BSP

0755 — € 98,20

12VDC DIESEL PUMP

For mineral oil and diesel.



Box

Motor	DC 12 V, 175 W
Motor speed	4500 rpm
Pump capacity	40 l/min
Hydraulic head	2 m
Suction	4 m
Inlet thread	25 mm
Size	200 x 120 x 155 mm
Usage time	Max 30 min

0272 — € 14,70

DRILL PUMP

For no flammable, explosive, corrosive and oily liquid. suitable use for rack spindles



Blister

Hydraulic head	30 m
Pump capacity	2.4 m3/h
Max. pressure	0.3 MPa
Max speed	3400 rpm

R607 € 110,00

1800 W INFRARED HEATER WITH SUPPORT FOR WALL MOUNTING

Dust and water proof, metal housing, with metal net-cover.



Box IP55

Power	230 V, 2000 W

R608 € 247,00

2000W INFRARED HEATER WITH SUPPORT FOR WALL MOUNTING

Dust and water proof, metal housing, with metal net-cover and remote control.



Box IP55

Power	230 V, 2000 W

R609 € 117,00

1300W INFRARED HEATER WITH SUPPORT FOR WALL MOUNTING

Dust and water proof, metal housing, with metal net-cover, with R7S 1300w infrared bulb, 0.3m H07RN-F 3x1.5mm2 power cord.



Box IP20

Power	230 V, 1300 W

R610 € 162,00

2000W INFRARED HEATER WITH SUPPORT FOR WALL MOUNTING

Dust and water proof, metal housing, with metal net-cover, with R7S 2000w infrared bulb, 0.3m h07rn-f 3x1.5mm2 power cord



Box IP20

Power	230 V, 2000 W

R60XA

TRIPOD ELECTRIC RADIANT INFRARED HEATER



Box IP20

Art.	€	Power	Tripod height without heaters
R609A	**€ 144,00**	I V 1,3 kW	600 ÷ 1500 mm
R610A	**€ 207,00**	0 V 2 kW	600 ÷ 1500 mm

R60XB

ELECTRIC RADIANT INFRARED HEATER WITH STAND



Box IP20

Art.	€	Power
R609B	**€ 148,00**	230 V 1,3 kW
R610B	**€ 194,00**	230 V 2 kW

T609 € 47,80

ADJUSTABLE HEIGHT TRIPOD

Suitable for light, heater



Box

Height	600 ÷ 1500 mm
Upper fixing	M 8

B609 € 30,90

INFRARED BULB

230V, 1300w



Box

Length	250 mm

B610 € 40,80

INFRARED BULB

230V, 2000w.



Box

Length	340 mm

0218-

LED FLOODLIGHTS

Aluminium super slim die-cast housing, tempered glass



Box Aluminum

Art.	€	Power	Luminous flux	Color temperature	LED number	Cable	Dimensions
0218/10	**€ 14,00**	230 V, 50 Hz, 10 W	800 lm	4000 K	15 SMD LED	30 cm, H05RN-F 3x1.0 mm² mm	150 x 95 mm
0218/20	**€ 20,50**	230 V, 50 Hz, 20 W	1600 lm	4000 K	28 SMD LED	30 cm, H05RN-F 3x1.0 mm² mm	145 x 120 mm
0218/30	**€ 33,40**	230 V, 50 Hz, 30 W	2400 lm	4000 K	42 SMD LED	30 cm, H05RN-F 3x1.0 mm² mm	180 x 150 mm
0218/50	**€ 47,40**	230 V, 50 Hz, 50 W	4000 lm	4000 K	56 SMD LED	30 cm, H05RN-F 3x1.0 mm² mm	210 x 180 mm

0218-XB

LED FLOODLIGHT WITH STAND

Aluminium super slim die-cast housing, tempered glass



Box Aluminum

Art.	€	Power	Luminous flux	Color temperature	Cable
0218/10B	**€ 31,40**	230 V, 50 Hz, 10 W	800 lm	4000 K	2 m, 3x1 mm² H05VV-F
0218/20B	**€ 37,60**	230 V, 50 Hz, 20 W	1600 lm	4000 K	2 m, 3x1 mm² H05VV-F
0218/30B	**€ 49,20**	230 V, 50 Hz, 30 W	2400 lm	4000 K	2 m, 3x1 mm² H05VV-F
0218/50B	**€ 64,40**	230 V, 50 Hz, 50 W	4000 lm	4000 K	2 m, 3x1 mm² H05VV-F

0218-XS

LED FLOODLIGHT WITH MOTION AND BRIGHTNESS SENSOR

Aluminium super slim die-cast housing, tempered glass



Box Aluminum

Art.	€	Power	Luminous flux	Color temperature	Cable
0218/10S	**€ 27,20**	230 V, 50 Hz, 1 0W	800 lm	4000 K	30 cm, 3x1 mm² H05VV-F
0218/20S	**€ 32,40**	230 V, 50 Hz, 20 W	1600 lm	4000 K	30 cm, 3x1 mm² H05VV-F
0218/30S	**€ 42,90**	230 V, 50 Hz, 30 W	2400 lm	4000 K	30 cm, 3x1 mm² H05VV-F
0218/50S	**€ 58,10**	230 V, 50 Hz, 50 W	4000 lm	4000 K	30 cm, 3x1 mm² H05VV-F

0218/50T — € 93,10

50W LED FLOODLIGHT WITH TRIPOD

Aluminium super slim die-cast housing, tempered glass



Box | Alu (Aluminum) | IP65

Power	220 - 240 V, 50 Hz, 50W
Luminous flux	4000 lm
Color temperature	4000 K
Cable	2 m, 3x1 mm² H05VV-F

0713/15 — € 66,70

LED FLOODLIGHT WITH MAGNETIC BASE

12 and 24 v 15 w, to fit on cars, offroads, campers, boats, agricultural machines and earthmoving machines, with 3 a fuse and car plug lighter





Box

Power	DC 9 ÷ 32 V (12 V, 24 V) 15 W
LED number	5 x 3 W
Luminous flux	1050 lm
Color temperature	6000 K
Lighting distance	5 m - 23 lux; 8,5 m - 10 lux m
Cable length	2 m
Projector size	108 x 108 mm
Base dimensions	Ø 86,50 mm
Back holes center distance	87 x 28 mm M6 mm
Overall dimensions	108 x 86,50 x 160 mm

0713/18 — € 75,40

LED FLOODLIGHT WITH MAGNETIC BASE

12V and 24V 18w , to fit on cars, offroads, campers, boats, agricultural machines and earthmoving machines, with 3 a fuse and car plug lighter.





Box

Power	DC 9 ÷ 32 V (12 V, 24 V) 18 W
LED number	6 x 3 W
Luminous flux	1260 lm
Color temperature	6000 K
Lighting distance	5 m - 45 lux; 12 m - 10 lux m
Cable length	2 m
Projector size	Ø 116 mm
Base dimensions	Ø 86,50 mm
Back holes center distance	87 x 28 mm M6 mm
Overall dimensions	116 x 86,50 x 165 mm

0713/27 — € 116,00

LED FLOODLIGHT WITH MAGNETIC BASE

12V and 24V 27w, to fit on cars, offroads, campers, boats, agricultural machines and earthmoving machines, with 3 a fuse and car plug lighter.





Box

Power	DC 9 ÷ 32 V (12 V, 24 V) 27 W
LED number	9 x 3 W
Luminous flux	1890 lm
Color temperature	6000 K
Lighting distance	5 m - 85 lux; 15,5 m - 10 lux m
Cable length	2 m
Projector size	Ø 116 mm
Base dimensions	Ø 86,50 mm
Back holes center distance	87 x 28 mm M6 mm
Overall dimensions	116 x 86,50 x 165 mm

0343 — € 26,20

FLEXIBLE ARM LAMP



Box | IP20

Power	110 / 230 V 50 / 60 Hz
Bulb	Max 40 W, E27 not included
Range	800 mm
Clamp capacity	35 mm

0366 — € 116,00

56 LED MAGNIFIER LAMP

With lense



Box | IP20

Power	230 V 50 Hz 8 W
Magnification	2x
Luminous flux	600 lm
Color temperature	6500 K
Lens	Ø 120 mm
Range	810 mm
Clamp capacity	70 mm

0530 € 119,00

LOW CONSUMPTION LAMP WITH LENS

With lens



Box

Power	230 V 50 Hz 22 W
Magnification	3x
Lens	Ø 120 mm
Range	810 mm
Clamp capacity	70 mm
Luminous flux	1000lm

0516 € 164,00

LOW CONSUMPTION LAMP

With lens



Box

Power	230V 50Hz 2 x 9W
Magnification	2x
Lens	190 x 157 mm
Range	810 mm
Clamp capacity	70 mm
Luminous flux	1000 lm

0344 € 33,80

FLEXIBLE ARM LAMP

With lens. Bulb not included



Box

Power	230 V 50/60 Hz
Bulb	Max 60 W, E27 not included
Magnification	2x
Lens	Ø 100 mm
Range	800 mm
Clamp capacity	35 mm

0661 € 50,80

TABLE LAMP

With lens



Box

Power	230 V 50 Hz 11 W
Magnification	2x
Lens	Ø 89 mm



0625 € 33,10

HEAD LIGHT WITH MAGNIFYING LEN SET



Box

Multiplier	Target distance mm
1,2x	520 ÷ 620
1,8x	230 ÷ 320
2,5x	150 ÷ 250
3,5x	80 ÷ 120
Bulb	2,2 V - 0,25 A
Battery	2 AAA

0659 € 38,60

CRYSTAL LENS SET



12 Pcs Expositor

Contents	Magnifications
3 Pcs Ø 50	3x - 10x mm
3 Pcs Ø 60	3x - 8x mm
3 Pcs Ø 75	3x - 8x mm
3 Pcs Ø 90	3x - 8x mm

0659-

CRYSTAL LENS



Box

Art.	€	Ø	Magnification	Pack
0659/50	€ 4,19	50 mm	3x - 10x	10
0659/60	€ 5,50	60 mm	3x - 8x	10
0659/75	€ 6,90	75 mm	3x - 8x	10
0659/90	€ 11,50	90 mm	3x - 8x	10

L006 € 10,30

LED MAGNIFIER



Box

Lens	50 x 50 mm
Magnification	3x
LED	5 - 9000 mcd
LED	1
Battery	4 Ag10
Pack	10

0437 € 24,60

HIGH POWERFUL LED TORCH

Long range, distance capacity more than 150m, long life.



Box

Not included batteries	4 C
LED power	3 W
Autonomy	25 h / 100 %

0482/3 PRO € 56,50

HEAD LAMP WITH SENSOR

Switch on and off function by passing the hand in front of the lamp.



Box

LED	3 W COB
Luminous flux	Max 300 lm
Color temperature	6500 K
Battery	3.7 V 1500 mAh Li-ion
Autonomy	4h
Recharging time	3h

0493/1 € 9,20

LED HEADLIGHT

80lm, made of ABS and rubber cover, with elastic belt, 2 funcitons: focus and flash, for using with 3 batteries AAA type.



Box

Not included batteries	3 x AAA
Intensity	80 lm
Sizes	Ø 50 x 42 x 58 mm
Autonomy	10 h

0493/2 € 23,70

LED HEADLIGHT

120lm, with elastic belt, 2 funcitons: focus and flash, for using with 3 batteries AAA type.



Box

Not included batteries	3 x AAA
Intensity	120 lm
Sizes	Ø 75 x 45 x 45 mm
Autonomy	5 h

0209 — € 37,60

10 + 1 LED MAGNETIC WORK LIGHT

With rotating head, Led on the top and front with 2 brightness levels.



Blister | Alu Aluminum | IP20

Luminous flux	50 - 300 lm
Color temperature	6500 K
Not included batteries	3 AAA
Tilting head	180°
Revolution	180°
Dimensions	35 x 330 mm

0397 — € 6,90

7 LED POCKET TORCH LIGHT

With magnetic and swivel clip, long lasting, small size and high brightness make it essential in professional and do-it-yourself lines



Expositor | ABS

Not included batteries	3 AAA
Sizes	33 x 16 x 160 mm

0128A — NEW — € 7,80

COB +1 LED POCKET TORCH LIGHT WITH MAGNET

Swivel clip, long lasting, small size and high brightness make it essential in professional and do-it-yourself lines

ABS



Sizes	174 x 43 x 22 mm
Luminous flux	140 lm
Not included batteries	3 AAA

0671/8 — € 13,90

WHITE LED FLASHLIGHT WITH EXTRA BRIGHTNESS



Blister | Alu Aluminum

Not included batteries	2 AA
LED number	8 - 9000 mcd
Sizes	Ø 25 x 20 x 140 mm

0671/1P — € 7,00

WHITE LED FLASHLIGHT WITH EXTRA BRIGHTNESS



IP44 Aluminum | Alu Aluminum | Blister

Not included batteries	2 AAA
LED number	1 - 9000 mcd
Sizes	Ø 12,5 x 141 mm

0787 — € 21,10

ALUMINUM TORCH



Blister | Alu Aluminum

Not included batteries	2 C
LED number	8 LED 11000 mcd
Sizes	Ø 48,5 x 31 x 215 mm

0492 — € 11,80

LED FLASHLIGHT WITH TELESCOPIC MAGNET



Expositor | Alu Aluminum

Button batteries	4-LR44
LED number	6
Intensity	6 x 10 lm

Sizes	Ø 30 x 21 x 180 mm
Max length	710 mm
Autonomy	3 h

0107 — € 7,90

30 + 7 LED MAGNETIC LIGHT

With magnet and hook on the back side



Expositor | ABS

Single LED life	100000 hours
Intensity	50 lm
Not included batteries	3 AA
Dimensions	40 x 35 x 203 mm

0311 € 11,20

24 LED MAGNETIC LIGHT

With magnet and hook on the back side



Expositor

ABS

Single LED life	100000 hours
Not included batteries	3 AA

0291 € 9,20

24 + 3 LED MAGNETIC LIGHT

With magnet and hook on the back side



Expositor

ABS

Single LED life	100000 hours
Not included batteries	3 AAA

0338 € 41,90

ALUMINUM HAND TORCH WITH 1 LED AND MANUAL ZOOM

3 light types: strong, media and flashing; adapter to work with 3 batteries AAA type in a box



Box

Alu
Aluminum

Battery	1 lithium (rechargeable), 3 AAA
LED	Q3 3 W
Sizes	Ø 34,5 x 28 x 135 mm
Battery charger	110 / 230 V 50 / 60 Hz
Autonomy	4 h

0597 € 29,10

RECHARGEABLE LED LIGHT WITH MAGNET

With battery charger 12VDC and 230VAC, foldable, hanghing and magnetic.



Box

ABS

IP20

Battery	3.7 V 1800 mAh
LED	8 SMD + 5 LED
Recharging time	8 ÷ 10 h
Autonomy	7 ÷ 8 h

0889 € 60,10

RECHARGEABLE LED LIGHT WITH MAGNET

With battery charger 12VDC and 230VAC, foldable, hanging and magnetic.



Box

ABS

Battery	3,7 V - 1100 mAh - Lithium
LED	21 + 5 - 9000 mcd
Recharging time	4 ÷ 5 h
Autonomy	4 ÷ 6 h

0693A PRO NEW € 84,00

RECHARGEABLE LED LAMP

With charging station, foldable, hanging and magnetic



Box

ABS

Battery	3,7V - 2600mAh - Li-ion
LED	6W COB LED - 1W SMD 6500K
Luminous flux	600 lm
Recharging time	4h
Autonomy	4.5h Eco mode
Working temperature	-10°C÷ 40°C

0401 PRO € 73,10

COB LED TECHNOLOGY RECHARGEABLE LAMP

High capacity lithium battery for long time operation, magnetic back for hand-free application, flexible standing arm for multi-angle lighting purposes, strong light output 180 lumens.

Box ABS

Power	100 ÷ 240 V , 50 ÷ 60 Hz
Battery	3,7 V - 2600 mAh - Li-ion
Recharging time	6 h
Autonomy	3,5 h
Intensity	180 lm



0123 € 61,60

MULTIFUNCTION USB RECHARGEABLE LED LIGHT

With front torch with various steps of brightness, lateral white and red Leds with flashing function. Usb recharging cable and transformer. Charge and recharge status Led. It can be charged directly from a computer.



Box ABS

Battery	3.7V - 1800 mAh - Li-ion
LED	24 Cree XPG R5
Intensity	30 - 300 lm
Dimensions	191 x 99 x 148 mm
Battery charger	USB 110 - 230 V 50 - 60 Hz
Autonomy	2.5 h

L008 PRO € 127,00

SLIM INSPECTION CORDLESS LED LIGHT

Rechargeable, high capacity lithium battery for long time operation, strong light output 400 lumen, the slim design and robust structure make it indestructible even if it falls from a height of one meter or, if it is forgotten on a flat floor, the car passes over it



Box ABS



Power	100 ÷ 240 V , 50 ÷ 60 Hz
Battery	3,7 V 2400 mAh Lithium
Luminous flux	400 lm
Recharging time	3,5 h
Autonomy	3 - 10 h
Intensity	400 lm

G900 NEW € 14,60

CAMPING LANTERN



Box ABS

Dimensions	Ø 60 x 160 mm
Intensity	150 lm
Not included batteries	3 x AAA

0445/20 € 156,00

RECHARGEABLE LED FLOODLIGHT

With switch, adapters to recharge batteries with car dc lighter and home ac 230V.



Box Alu Aluminum IP65

Power	DC 12 - 24 V, 20 W; AC 230 V 20W
Luminous flux	600 - 1450 lm
Battery	7.4V 5400mAh Li-ion
Autonomy	1,5 h

0429 € 25,60

WORKING LAMP HOLDER WITH 5M POWER CORD

Without on/off switch, max 60W for incandescent lamps, E27 screw cup bulb, voltage range 12 ÷ 230V; bulb not included.



Hangable

Cable length	5 m
Screw cup bulb	E27
Voltage	230 V

0342 € 16,70

PORTABLE NEON LAMP WITH HOOK



Blister

IP20

Power	230 V 50 Hz 8 W
Dimensions	Ø 31 x 435 mm
Cable	5 m

0900 PRO NEW € 84,00

MULTI PORTABLE MAGNETIC LED LIGHT

COB Led portable lamp made in impact-resistant ABS. Adjustable in four different light intensities from 350 to 1400 Lumen. The strong magnet at the base and the rotatable body through 180°, makes it perfect to be used in any circumstance.



Box

Alu

Aluminum

LED	COB
Power	USB Type C	5 V 2 A
Battery	3.7 V 5200 mAh Li-ion
Luminous flux	350 ÷ 1400 lm
Recharging time	4 h
Autonomy	3 h ÷ 14 h
Dimensions	116 x 101 x 41.5 mm

0900/BL PRO NEW € 235,00

EXTENSIBLE AND MAGNETIC UNDERHOOD LED LIGHT

Underhood light with two COB Led and magnetic light spots rotatable through 360°, for a maximum of 2800 Lumen (1400lm + 1400lm). This bar is easily extensible to 2100mm to be hooked to any kind of bonnet.



Box

ABS

Alu

Aluminum

Nylon

LED	COB
Power	USB Type C	5 V 2 A
Battery	3.7 V 5200 mAh Li-ion
Luminous flux	2 x 400-1400 lm
Recharging time	4 h
Autonomy	4 h
Adjustable extension clamps	850 ÷ 2100mm



0840 € 119,00

RECHARGEABLE LED LAMP WITH ADJUSTABLE HOOKS AND MAGNETS

Made of ABS and polycarbonate, with lithium battery, 12V car plug adapter and 230V home adapter, charging indicator light.



Box

ABS

Power	DC 12 V 7,2 W; AC 230V
Working lamp dimensions	Ø 38 x 1080 mm
Adjustable extension clamps	1210 ÷ 1950 mm
Battery	7.4 V, 1800 mAh Lithium
Intensity	900 lm, 36 SMD
Recharging time	4 - 5 h
Autonomy	3h

0621/A3 — € 107,00

AUTO RE-ENTERING CABLE REEL



Box

Cable length	10 m
Cable type	3 x 1,50 mm2 H05VV-F
Power	12 V ÷ 240 V
Max power for rolled cable	1200 W
Max power for unrolled cable	1800 W

0428 — € 113,00

AUTOMATIC CABLE REEL WITH LAMP HOLDER

Overload protection, max 60W for incandescent lamps, Led light on the cable reel to show the presence of power, bulb not included.



Box IP20

Cable size	13 + 1 m - H05RR-F - 2 x 1mm2
Screw cup bulb	E27
Voltage	12 ÷ 230 V

A010-X

CABLE REEL

Double isolation cable H05VV-F homologated, homologated PVC pressure-cast plug, thermal circuit breaker with manual reset, max. Power with rolled cable 1,2kw, max. Power with unrolled cable 3,4kw.



Box

Art.	€	Cable length	Stem	Drum
A010/10	**€ 39,40**	10 m	3 x 1,5 mm²	Ø 200 mm
A010/20	**€ 64,00**	20 m	3 x 1,5 mm²	Ø 250 mm

A010-

CABLE REEL

Complies with standard EN 61242, double isolation cable H05VV-F homologated, homologated PVC pressure-cast plug, thermal circuit breaker with manual reset, max. Power with rolled cable 1,2kw, max. Power with unrolled cable 3,4kw.



Box

Art.	€	Cable length	Stem	Drum
A010/15	**€ 57,30**	15 m	3 x 1,5 mm²	Ø 190 mm
A010/25	**€ 82,90**	25 m	3 x 1,5 mm²	Ø 240 mm
A010/50	**€ 148,00**	50 m	3 x 1,5 mm²	Ø 310 mm

A010/20G — € 59,20

GARDEN CABLE REEL

20m complies with standard EN 61242, double isolation cable H05VV-F homologated, homologated schuko plug and schuko socket, thermal circuit breaker with manual reset, max. Power with rolled cable 1,2kw, max. power with unrolled cable 3,4kw.



Box

Cable length	20 m
Stem	3 x 1 mm²
Drum	Ø 250 mm

A010/30 — PRO € 270,00

CABLE REEL

Conform to standard EN 61316, flexible cord H07RN-F neoprene homologated, IP 44 plugs, thermal circuit breaker with manual reset, max. power with rolled cord 5kw max. power with unrolled cord 11kw.



Box

Power	230 V
Cable length	30 m
Stem	3 x 2,5 mm²
Drum	Ø 340 mm

A010/30T — PRO € 371,00

CABLE REEL

Complies with standard EN 61316, flexible cord H07RN-F, neoprene homologated, IP 44 plugs, thermal circuit breaker, with manual reset, max. Power with rolled cord 5kw, max. Power with unrolled cord11 kw.



Box

Power	380 V
Cable length	30 m
Stem	4 x 2,5 mm²
Drum	Ø 340 mm

0651/6S — € 12,30

6 ITALIAN AND GERMAN TYPE POWER SOCKET, WITH OVERLOAD PROTECTION AND GERMAN PLUG

With overload protection



Cable	3 x 1 mm²
Cable length	1,5 m

OX05C PRO € 63,80

CONCENTRATED OXIDIZING SOLUTION WITH SILVER SALTS

Concentrated oxidizing solution based on hydrogen peroxide stabilized with silver salts.
Hydrogen peroxide, concentration 47.5 – 50%



made in Italy

Capacity	5 kg

OX20C PRO € 202,00

CONCENTRATED OXIDIZING SOLUTION WITH SILVER SALTS

Concentrated oxidizing solution based on hydrogen peroxide stabilized with silver salts.
Hydrogen peroxide, concentration 47.5 - 50%.



made in Italy

Capacity	20 kg

OX090S PRO € 13,80

READY TO USE OXIDIZING SOLUTION WITH SILVER SALTS

Oxidizing product based on hydrogen peroxide stabilized with silver salts. The synergistic action of these two active ingredients allows to thoroughly hygienize the surfaces to be treated: hydrogen peroxide releases active oxygen when in contact with the treated surfaces, thus acting as a sanitizing cleaner, whilst silver salts enhance the purifying effect.



made in Italy

Capacity	900 ml
Pack	12

OX090 PRO € 10,90

READY TO USE SOLUTION WITH SILVER SALTS

Oxidizing product based on hydrogen peroxide stabilized with silver salts. The synergistic action of these two active ingredients allows to thoroughly hygienize the surfaces to be treated: hydrogen peroxide releases active oxygen when in contact with the treated surfaces, thus acting as a sanitizing cleaner, whilst silver salts enhance the purifying effect.



made in Italy

Capacity	900 ml
Pack	12

CP05 PRO € 28,70

DETERGENT AND HYGIENIZER FOR FILTERS AND LAMELLAR PACKS

Concentrated liquid product containing wetting agents,
non-ionic surfactants and hydrogen peroxide.
Easily removes the residues of dirt and grease depositing on lamellar packs of finned batteries of convectors and on filters.



made in Italy

Capacity	5 kg

CP090S PRO € 13,30

DETERGENT AND HYGIENIZER FOR FILTERS AND LAMELLAR PACKS

Concentrated liquid product containing wetting agents, non-ionic surfactants and hydrogen peroxide. Easily removes the residues of dirt and grease depositing on lamellar packs of finned batteries of convectors and on filters.



made in Italy

Capacity	900 ml
Pack	12

HC001 PRO € 16,00

HYGIENIZING DETERGENT WIPES

Slightly abrasive wet wipes with cleaning, hygienizing and degreasing action, ideal for cleaning hands. They are used without water and are the optimal solution for all those who need to clean and sanitize their hands in any situation and place. They remove bad smells leaving hands delicately scented. No need to rinse with water.



made in Italy

Dimensions	200 x 160 mm
Pack	6

GL642-

COW GRAIN LEATHER GLOVE

Hemmed with internal elastic cuff



Art.	€	Size	Pack
GL642/07	€ 5,90	7	12
GL642/08	€ 5,90	8	12
GL642/09	€ 5,90	9	12
GL642/10	€ 5,90	10	12
GL642/11	€ 5,90	11	12

GL814-

COW GRAIN/SPLIT LEATHER GLOVE

Extra-quality, wing thumb, cow grain leather palm, cow split back. hemmed wrist with internal elastic cuff



Art.	€	Size	Pack
GL814/07	€ 4,77	7	12
GL814/08	€ 4,77	8	12
GL814/09	€ 4,77	9	12
GL814/10	€ 4,77	10	12
GL814/11	€ 4,77	11	12

GL349-

NBR COATED COTTON JERSEY GLOVE

Palm, fingers and knuckles coated, lightweight, good abrasion resistance, knitwrist cuff and partially aerated back



Art.	€	Size	Pack
GL349/07	€ 2,03	7	12
GL349/08	€ 2,03	8	12
GL349/09	€ 2,03	9	12
GL349/10	€ 2,03	10	12
GL349/11	€ 2,03	11	12

GL650-

SHEEP GRAIN LEATHER-COTTON GLOVE

Sheep grain leather palm, stretch cotton back, cuff adjustable with velcro



Art.	€	Size	Pack
GL650/08	€ 6,70	8 - Blue	12
GL650/09	€ 6,70	9 - Yellow	12
GL650/10	€ 6,70	10 - Red	12
GL650/11	€ 6,70	11 - Black	12

GL345-

NBR COATED COTTON JERSEY GLOVE

Palm, fingers and knuckles coated, excellent resistance to abrasion, grease and oil, hydrocarbons and dirt, cotton canvas safety cuff



Art.	€	Size	Pack
GL345/09	€ 3,13	9	12
GL345/10	€ 3,13	10	12

GL347- NEW

NBR COATED COTTON JERSEY GLOVE

Fully coated, excellent resistance to abrasion, grease and oil, hydrocarbons and dirt, cotton canvas safety cuff



Art.	€	Size	Pack
GL347/10	€ 3,24	10	12
GL347/11	€ 3,24	11	12

GL373-

SEAMLESS POLYESTER GLOVE/NITRILE

Palm coated with nitrile for good protection in the presence of liquids, oils and/or grease, excellent abrasion resistance, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL373/07	€ 1,66	7	12
GL373/08	€ 1,66	8	12
GL373/09	€ 1,66	9	12
GL373/10	€ 1,66	10	12

GL365-

SEAMLESS POLYESTER GLOVE/NITRILE

Palm coated with nitrile for good protection in the presence of liquids, oils and/or grease, excellent abrasion resistance, ergonomic design for a comfortable fit, knitwrist cuff



Art.	€	Size	Pack
GL365/08	€ 3,39	8	12
GL365/09	€ 3,39	9	12
GL365/10	€ 3,39	10	12

GL722-

SEAMLESS NYLON GLOVE/POLYURETHANE

Palm coated with a special ultralight polyurethane compound, extra lightweight and elastic with high tactile sensitivity and dexterity, excellent dry & wet grip, with antibacterial sanitized® treatment, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL722/07	€ 4,79	7	12
GL722/08	€ 4,79	8	12
GL722/09	€ 4,79	9	12
GL722/10	€ 4,79	10	12

GL764-

SEAMLESS POLYESTER GLOVE/POLYURETHANE

Palm coated with polyurethane, superior dexterity and tactile sensitivity, lightweight, flexible, with excellent abrasion and wear resistance, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL764/07	€ 1,66	7	12
GL764/08	€ 1,66	8	12
GL764/09	€ 1,66	9	12
GL764/10	€ 1,66	10	12

GL762-

SEAMLESS NYLON GLOVE/POLYURETHANE

Palm coated with polyurethane, lightweight, elastic, with excellent tactile sensitivity, suggested for delicate and precision jobs, excellent abrasion resistance and durability, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL762/M	€ 3,13	M	12
GL762/L	€ 3,13	L	12
GL762/XL	€ 3,13	XL	12
GL762/XXL	€ 3,13	XXL	12

GL516-

SEAMLESS NYLON GLOVE/LATEX

Palm coated with latex, wrinkle finish for extraordinary dry & wet grip, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL516/08	€ 6,10	8	12
GL516/09	€ 6,10	9	12
GL516/10	€ 6,10	10	12

GL398-

15-GAUGE SEAMLESS NYLON-ELASTANE GLOVE/NITRILE FOAM

Palm coated with nitrile foam which makes the glove soft, light and breathable, dots on palm for better grip and wear resistance, anti-pilling, water and oil repellent, excellent abrasion resistance, together with high flexibility and dexterity, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL398/07	€ 5,50	7	12
GL398/08	€ 5,50	8	12
GL398/09	€ 5,50	9	12
GL398/10	€ 5,50	10	12

GL396-

15-GAUGE SEAMLESS NYLON-ELASTANE GLOVE/NITRILE FOAM

Palm coated with nitrile foam with nft™ technology, for outstanding grip and non-slip properties, both in dry & wet conditions, or in contact with oily surfaces and for increased abrasion resistance, with antibacterial sanitized® treatment, considerable flexibility and dexterity, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL396/07	€ 5,70	7	12
GL396/08	€ 5,70	8	12
GL396/09	€ 5,70	9	12
GL396/10	€ 5,70	10	12

GL503-

SEAMLESS NYLON GLOVE/LATEX

Palm coated with a special soft latex foam, wrinkle finish for extraordinary dry & wet grip, yellow fluo liner for higher visibility when used in half-light or low visibility conditions, high wear and tear resistance, exceptional flexibility, good tactile sensitivity, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL503/08	€ 4,94	8	12
GL503/09	€ 4,94	9	12
GL503/10	€ 4,94	10	12

GL711- NEW

15 GAUGE CONTINUOUS THREAD GLOVE IN HI-TECH TECHNICAL YARN + LYCRA® / POLYURETHANE

The new hi-tech anti-cut yarn does not use glass or steel fibers to increase performance, avoiding possible contact allergies. Palm covered in polyurethane for a secure, flexible, light, fresh and breathable grip for maximum comfort. Ergonomic shape, no seams, reduces hand fatigue, elastic wrist and ventilated back



Art.	€	Size	Pack
GL711/08	€ 4,96	8	12
GL711/09	€ 4,96	9	12
GL711/10	€ 4,96	10	12

GL386-

13 GAUGE SEAMLESS POLYESTER GLOVE/NITRILE

Palm coated with nitrile with a slightly wrinkle fiinish due to the processing of the liner, very good grip, high flexibility and dexterity, high abrasion resistance, ergonomic design for a comfortable fit, knitwrist cuff and breathable back



Art.	€	Size	Pack
GL386/08	€ 2,32	8	12
GL386/09	€ 2,32	9	12
GL386/10	€ 2,32	10	12



EW210 € 4,43

POLYCARBONATE EYEGLASS TEMPLE

EN 166 single lens with side protections. It can be worn on top of spectacles.



Optic class	1
Pack	12

EW152 € 3,13

PANORAMIC GOGGLES

EN 166 plastic one-piece lens, side aeration holes, elastic band.

Plastic



Optic class	1
Pack	20

EW154 € 3,27

PANORAMIC GOGGLES

EN 166 plastic one-piece lens, aeration valves, elastic band.

Plastic



Optic class	1
Pack	20

EW207 € 7,20

EYEGLASS TEMPLE

EN 166 transparent polycarbonate frame, no-mist and anti-scratch lenses, panoramic wrap-around structure, side protections.



Optic class	1
Pack	12

EW213 € 7,50

EYEGLASS TEMPLE

EN 166 polycarbonate frame, no-mist and anti-scratch lenses, panoramic wrap-around structure, temples with adjustable length.



Optic class	1
Pack	12

EW205 NEW € 10,50

EYEGLASS TEMPLE

EN 166 transparent polycarbonate frame, no-mist and anti-scratch lenses, panoramic wrap-around structure, side protections. Silicone rubber inserts.



Optic class	1

EW249 NEW € 16,80

EYEGLASS TEMPLE

EN 166 transparent polycarbonate frame with soft inner protection. No-mist and anti-scratch lenses, panoramic wrap-around structure, side protections. Tilt-adjustable temples



Optic class	1

EW257 NEW € 13,50

EYEGLASS TEMPLE

EN 166 transparent polycarbonate frame, no-mist and anti-scratch lenses, panoramic wrap-around structure, side protections. Tilt-adjustable temples with non-slip colored inserts. Nosepad and front protection in soft non-slip rubber.



Optic class	1

FP120 — € 8,70

POLYTHENE HELMET

EN 397 adjustable straps with 6 fastening points, electric insulation up to 440V, sweat band.



FP190 — € 45,30

POSITIONING BELT

EN 358 2 lateral anchor rings, adjustable buckle, padded back support.



FP194 — € 30,40

ADJUSTABLE SAFETY LANYARD

EN 354 & EN 358 "Kernmantel" polyamide safety lanyard, with adjustable buckle, zinc galvanized steel connector (ø 18mm) with safety lock.



Cable diameter	Ø 12 mm
Length	Max 2 m (connectors included)

FP166 — € 10,60

SELF-CLOSING CONNECTOR

EN 362 - Classe B



Steel — Galvanized

Opening	18 mm
Static resistance of spring catch	> 25 kN

FP144 — € 67,50

SAFETY LANYARD WITH ENERGY ABSORBER

EN 355 "kernmantel" safety lanyard, connectors not included.



Cable diameter	Ø 10,5 mm
Length	Max 2 m (connectors included)

FP192 — € 38,70

BODY HARNESS

EN 361 with dorsal and sternal anchor points, adjustable buckle for legs, adjustable chest connecting strap.





0148/72 — € 31,80

FIRST AID PRODUCTS

Conform to attachment 2 for firm with max 2 peoples, packed in polypropylene case with screws for wall mount



INCLUDED ACCESSORIES

- Content:
- 2 Pair sterile gloves
- 1 Bottle disinfectant 125 ml IODINE TINCTURE at 10% iodine
- 1 Bottle sterile physiological solution 250 ml
- 3 sterile gauze compresses cm 10x20
- 1 sterile gauze compress cm 18x40
- 1 Packet cotton wool
- 1 Latex Tourniquet
- 1 Sterile tweezers
- 1 Pack of 20 assorted adhesive plasters
- 1 Roll adhesive plaster 5m x 2.5 cm
- 1 gauze bandage rolls cm 10
- 1 Pair scissors
- 1 Single-use instant ice pack
- 1 Bag for sanitary waste
- 1 Multilingual first aid instruction booklet

Case size	309 x 209 x 97 mm

0148/73 — € 118,00

FIRST AID PRODUCTS

That are conform to attachment 1 for firm with more than 2 peoples, packed in polypropylene case with screws for wall mount



INCLUDED ACCESSORIES

- Content:
- 5 Pairs sterile gloves
- 1 Mask with splash guard visor
- 3 Bottles sterile physiological solution 500 ml
- 2 Bottles disinfectant 500 ml IODINE TINCTURE at 10% iodine
- 10 Packets sterile gauze compress cm 20x20
- 2 Packets sterile gauze compress cm 18x40
- 2 Sterile sheets cm. 40x60
- 2 Sterile TWEEZERS
- 1 Packet cotton wool
- 1 Box tubular elastic bandage – medium size
- 2 Packs of 20 assorted plasters
- 2 Rools adhesive plaster 5 m x 2.5 cm
- 1 Pair scissors
- 3 Latex Tourniquets
- 2 Single-use instant ice packs
- 2 Bags for sanitary waste
- 1 Clinical thermometer CE with case
- 1 Sphygmomanometer with stethoscope
- 1 multilingual first aid instruction booklet

Case size	405 x 300 x 114 mm

0148/64 — € 21,00

FIRST AID PRODUCTS

Nylon bag for vehicles and firms with less than 3 people, included contents of attachment 2, with handle, shoulder strap and zipper.



INCLUDED ACCESSORIES

- Content:
- 2 Pair sterile gloves
- 1 Bottle disinfectant 125 ml IODINE TINCTURE at 10% iodine
- 1 Bottle sterile physiological solution 250 ml
- 3 sterile gauze compresses cm 10x20
- 1 sterile gauze compress cm 18x40
- 1 Packet cotton wool
- 1 Latex Tourniquet
- 1 Sterile tweezers
- 1 Pack of 20 assorted adhesive plasters
- 1 Roll adhesive plaster 5m x 2.5 cm
- 1 gauze bandage rolls cm 10
- 1 Pair scissors
- 1 Single-use instant ice pack
- 1 Bag for sanitary waste
- 1 Multilingual first aid instruction booklet

Case size	250 x 180 x 90 mm

HP207 € 24,90

PROTECTIVE EARMUFF

EN 352-1 head bow with soft padding for increased comfort, fast and stable height adjustment, adjustable ABS cups with soft padded cushions, can be used with helmets, eye shields and masks.



Box

SNR	32

HP205 € 12,40

PROTECTIVE EARMUFF

EN 352-1 ABS bow, turning in three positions, cushions in sponge + PVC, height trigger adjustment, can be used with helmets, eye shields and masks.



Hangable

ABS

SNR	27

HP603 € 3,83

EARPLUGS WITH BOW

EN 352-2 polyethylene bow, extremely soft polyurethane plugs which lean on the ear canal without penetrating inside.



SNR	20
Pack	40

HP601 € 53,30

DISPOSABLE EARPLUGS IN POLYURETHANE FOAM

EN 352-2 anatomical shape, smooth surface for improved comfort and hygiene, 1 pair/ bag.



200 Pcs

SNR	37



RP120 € 1,54

MASK IN NONWOVEN FABRIC

EN 149: 2001 + A1: 2009 protection against non-toxic solid and liquid aerosols in concentrations up to 4x tlv, semirigid structure, soft seal on the nose.



Features	FFP1 NR D
Pack	20

RP123 € 1,49

MASK IN NONWOVEN FABRIC

EN 149: 2001 + A1: 2009 protection against non-toxic and low-to-average toxicity solid and liquid aerosols, in concentration up to 12x tlv.



Features	FFP2 NR D
Pack	20

RP124 € 2,58

MASK IN NONWOVEN FABRIC

EN 149: 2001 + A1: 2009 with exhalation valve, protection against non-toxic and low-to-average toxicity solid and liquid aerosols, in concentration up to 12x tlv.



Features	FFP2 NR D
Pack	10

RP127 € 4,42

MASK IN NONWOVEN FABRIC WITH ACTIVE CARBONS

EN 149: 2001 + A1: 2009 protection against non-toxic and low-to- average toxicity solid and liquid aerosols, in concentration up to 12x tlv, equipped with new exhalation valve newtec®, with active carbon to prevent inhalation of strong odours, soft seal on the nose.



Features	FFP2 NR D
Pack	10

RP133 € 3,57

FLEXIBLE MASK IN NONWOVEN FABRIC

EN 149: 2001 + A1: 2009 protection against high-toxicity powders, including water based aerosol in concentrations up to 50x tlv, equipped with new exhalation valve newtec®, soft seal on the nose, individually packaged.



Features	FFP3 NR D
Pack	20

RP126 € 6,30

MASK IN NONWOVEN FABRIC

EN 149: 2001 + A1: 2009 protection against non - toxic, low - to - average toxicity and high - toxicity solid and liquid aerosols in concentrations up to 50x tlv, equipped with exhalation valve newtec®, soft seal protection along the inner edge of the face.



Features	FFP3 NR D
Pack	5

FW131- NEW

PROTECTIVE LOW SHOE

EN ISO 20345: 2011 Upper made of a highly breathable technical fabric with high abrasion resistance. Inner lining air mesh, breathable, hydrophilic, anti-humidity. Removable, breathable, antistatic preformed insole with antibacterial treatment, shock absorber insert in the heel and arch support. Sole in mono-density polyurethane, antistatic and highly slip resistant. Composite toe cap. Anti-perforation textile foil.

Art.	€	Features	Size
FW131/38	€ 103,00	S3 SRC	38
FW131/39	€ 103,00	S3 SRC	39
FW131/40	€ 103,00	S3 SRC	40
FW131/41	€ 103,00	S3 SRC	41
FW131/42	€ 103,00	S3 SRC	42
FW131/43	€ 103,00	S3 SRC	43
FW131/44	€ 103,00	S3 SRC	44
FW131/45	€ 103,00	S3 SRC	45
FW131/46	€ 103,00	S3 SRC	46
FW131/47	€ 103,00	S3 SRC	47



FW542- NEW

PROTECTIVE HIGH SHOE

EN ISO 20345: 2011 Upper made of a highly breathable technical fabric with high abrasion resistance. Inner lining air mesh, breathable, hydrophilic, anti-humidity. Removable, breathable, antistatic preformed insole with antibacterial treatment, shock absorber insert in the heel and arch support. Sole in mono-density polyurethane, antistatic and highly slip resistant. Composite toe cap. Anti-perforation textile foil.

Art.	€	Features	Size
FW542/38	€ 113,00	S3 SRC	38
FW542/39	€ 113,00	S3 SRC	39
FW542/40	€ 113,00	S3 SRC	40
FW542/41	€ 113,00	S3 SRC	41
FW542/42	€ 113,00	S3 SRC	42
FW542/43	€ 113,00	S3 SRC	43
FW542/44	€ 113,00	S3 SRC	44
FW542/45	€ 113,00	S3 SRC	45
FW542/46	€ 113,00	S3 SRC	46
FW542/47	€ 113,00	S3 SRC	47



FW077- NEW

FULLY ANTISTATIC PROTECTIVE SPORTS SHOE (ESD PROTECTION).

EN ISO 20345: 2011 Upper in microfibre with breathable and resistant KPU mesh. Wear-resistant TNT reinforcements. Air mesh lining, breathable, hydrophilic, moisture wicking. Removable memory preformed insole, in EVA + rubber compound, anti-fatigue, antibacterial, breathable, with arch support. Non-slip, abrasion-resistant, oil-resistant dual-density polyurethane sole with energy absorption in the heel. Fiberglass tip. Anti-perforation textile foil.

Art.	€	Features	Size
FW077/38	€ 101,00	S1P SRC ESD	38
FW077/39	€ 101,00	S1P SRC ESD	39
FW077/40	€ 101,00	S1P SRC ESD	40
FW077/41	€ 101,00	S1P SRC ESD	41
FW077/42	€ 101,00	S1P SRC ESD	42
FW077/43	€ 101,00	S1P SRC ESD	43
FW077/44	€ 101,00	S1P SRC ESD	44
FW077/45	€ 101,00	S1P SRC ESD	45
FW077/46	€ 101,00	S1P SRC ESD	46
FW077/47	€ 101,00	S1P SRC ESD	47




0
10
20
30
40
50
60

CALIPERS, HEIGHT GAUGE AND RULERS

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p. 538 — Calipers with dial gauge
p. 539 — Vernier calipers
p. 540 — Height gauge
p. 544 — Steel and digital rules

DIAL INDICATORS

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MICROMETERS

p. 550 — Outside micrometers
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GAUGE BLOCKS, SCREW GAUGE AND HOLE PLAIN GAUGE

p. 552 — Gauge blocks
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MEASURING TOOLS

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PRECISION TAPES, LEVELS AND GONIOMETERS

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ANALOGIC AND DIGITAL METERS

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SCALES AND DYNAMOMETERS

p. 576 — Scales
p. 577 — Dinamometers

C031/150 — PRO — € 176,00

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With 2 functions and a big screeen



Box | INOX | 862 | IP67

Range	0÷150 mm | 0÷6"
Reading	0,01 mm | 0,0005"
Jaws	40 mm
Beam	16 x 3 mm

C035- — PRO NEW

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With glass rail for better accuracy, metal housing and buttons, data output with mini USB port, removable thumbroll, ground and lapped jaws, with locking screw.



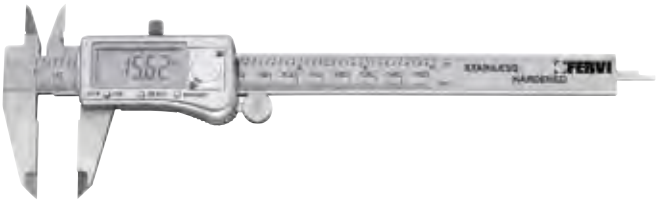
Box | INOX | 862

Art.	€	Range	Reading	Accuracy	Repeatability	Beam	Jaws	Back Jaws	Battery	Digit height
C035/150	**€ 69,20**	0÷150 mm | 0÷6"	0,01 mm | 0,0005"	0,02 mm	0,01 mm	16 x 3 mm	40 mm	16,5 mm	1 x 3V CR2032	9 mm
C035/200	**€ 95,10**	0÷200 mm | 0÷8"	0,01 mm | 0,0005"	0,03 mm	0,01 mm	16 x 3 mm	50 mm	19,5 mm	1 x 3V CR2032	9 mm
C035/300	**€ 166,00**	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm	0,01 mm	16 x 3 mm	60 mm	20,5 mm	1 x 3V CR2032	9 mm

C033-

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With 3 functions and a big screen



Box | INOX | 862

Art.	€	Range	Reading	Beam	Jaws
C033/150	**€ 61,00**	0÷150 mm | 0÷6"	0,01 mm | 0,0005"	16 x 3,2 mm	40 mm
C033/200	**€ 88,80**	0÷200 mm | 0÷8"	0,01 mm | 0,0005"	16 x 3,2 mm	50 mm
C033/300	**€ 132,00**	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	16 x 3,2 mm	60 mm

C041/150 — € 34,20

MONOBLOCK STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

3 functions with big lcd



Box | INOX

Range	0÷150 mm | 0÷6"
Reading	0,01 mm | 0,0005"
Jaws	40 mm
Beam	16 x 3 mm

C043-

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With 4 functions and big lcd, fine adjustment



Box INOX DIN 862

Art.	€	Range	Reading	Jaws	Beam
C043/500	€ 325,00	0÷500 mm | 0÷20"	0,01 mm | 0,0005"	100 mm	25 x 6 mm
C043/1000	€ 650,00	0÷1000 mm | 0÷40"	0,01 mm | 0,0005"	150 mm	30 x 8 mm

C047- PRO NEW

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

Hardened stainless steel mechanics, large easy-to-read LCD screen, "Absolute" function, measuring jaws ground and lapped, with locking screw,offset jaws for inside measurement, with fine adjustment



Box INOX DIN 862 IP54

Art.	€	Range	Reading	Accuracy	Repeatability	Jaws	Back Jaws	Battery	Digit height
C047/300	€ 212,00	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm	0,01 mm	90 mm	Ø 10 mm	2 x 3V CR2032	11 mm
C047/500	€ 358,00	0÷500 mm | 0÷20"	0,01 mm | 0,0005"	0,05 mm	0,01 mm	150 mm	Ø 20 mm	2 x 3V CR2032	11 mm
C047/1000	€ 795,00	0÷1000 mm | 0÷40"	0,01 mm | 0,0005"	0,06 mm	0,01 mm	150 mm	Ø 20 mm	2 x 3V CR2032	11 mm

C047-xB PRO NEW

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER WITH KNIFE POINTS

Hardened stainless steel mechanics, large easy-to-read LCD screen, "Absolute" function, measuring jaws ground and lapped, with locking screw,offset jaws for inside measurement, with fine adjustment



Box INOX DIN 862 IP54

Art.	€	Range	Reading	Accuracy	Repeatability	Jaws	Back Jaws	Knife points	Battery	Digit height
C047/300B	€ 240,00	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm	0,01 mm	90 mm	Ø 10 mm	38 mm	2 x 3V CR2032	11 mm
C047/500B	€ 388,00	0÷500 mm | 0÷20"	0,01 mm | 0,0005"	0,05 mm	0,01 mm	150 mm	Ø 20 mm	60 mm	2 x 3V CR2032	11 mm
C047/1000B	€ 937,00	0÷1000 mm | 0÷40"	0,01 mm | 0,0005"	0,06 mm	0,01 mm	150 mm	Ø 20 mm	63 mm	2 x 3V CR2032	11 mm

C005/150 € 53,70

STAINLESS STEEL DIAL CALIPER



Box INOX DIN 862

Range	0 ÷ 150 mm
Reading	0,01 mm
Jaws	40 mm
Beam	15,5 x 3 mm

C006-

STAINLESS STEEL DIAL CALIPER



INOX

Box 862

Art.	€	Range	Reading	Jaws	Beam
C006/150	€ 48,10	0 ÷ 150 mm	0,02 mm	40 mm	16 x 3 mm
C006/200	€ 73,30	0 ÷ 200 mm	0,02 mm	50 mm	16 x 3 mm
C006/300	€ 119,00	0 ÷ 300 mm	0,02 mm	60 mm	20 x 4 mm

C018- PRO

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER



INOX

Box 862

Art.	€	Range	Reading	Jaws	Beam
C018/150	€ 36,20	0÷150 mm | 0÷6"	1/20 0,05 mm | 1/128"	40 mm	16 x 3 mm
C018/200	€ 56,30	0÷200 mm | 0÷8"	1/50 0,02 mm | 1/1000"	50 mm	16 x 3 mm

C057/150 € 20,80

CHROMED VERNIER CALIPER



Box 862

Range	0÷150 mm | 0÷6"
Reading	1/20 0,05 mm | 1/128"
Jaws	40 mm
Beam	16 x 3 mm

C011- PRO

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER

High precision, with wheel for slider locking, measuring range 0 - 200mm



INOX

Box 862

Art.	€	Range	Reading	Jaws	Beam
C011/150	€ 39,50	0÷150 mm | 0÷6"	1/50 0,02 mm | 1/1000"	40 mm	16 x 3 mm
C011/200	€ 65,40	0÷200 mm | 0÷8"	1/50 0,02 mm | 1/1000"	50 mm	16 x 3 mm

C019/150 — € 16,50

CHROMED VERNIER CALIPER



Box 862

Range	0÷150 mm | 0÷6"
Reading	1/20 0,05 mm | 1/128"
Jaws	40 mm
Beam	16 x 3 mm

C056/200 — € 28,90

CHROMED VERNIER CALIPER



Box 862

Range	0÷200 mm | 0÷8"
Reading	1/50 0,02 mm | 1/1000"
Jaws	50 mm
Beam	16,5 x 3,5 mm

C049/300 — € 61,00

CHROMED VERNIER CALIPER

Fine adjustment



Box 862

Range	0 ÷ 300 mm
Reading	1/50 - 0,02 mm
Jaws	60 mm
Beam	20 x 4 mm

C021- — PRO

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER

Fine adjustment



Box INOX 862

Art.	€	Range	Reading	Jaws	Beam
C021/300	**€ 171,00**	0÷300 mm | 0÷12"	1/50 0,02 mm | 1/1000"	100 mm	23 x 6 mm
C021/500	**€ 235,00**	0÷500 mm | 0÷20"	1/50 0,02 mm | 1/1000"	150 mm	23 x 6 mm
C021/1000	**€ 525,00**	0÷1000 mm | 0÷40"	1/50 0,02 mm | 1/1000"	150 mm	32 x 10 mm

C020-

CHROMED VERNIER CALIPER

Fine adjustment



Box 862

Art.	€	Range	Reading	Jaws	Beam
C020/500	€ 148,00	0 ÷ 500 mm	1/50 0,02 mm	100 mm	23 x 6 mm
C020/1000	€ 365,00	0 ÷ 1000 mm	1/50 0,02 mm	150 mm	30 x 10 mm
C020/1500	€ 1020,00	0 ÷ 1500 mm	1/50 0,02 mm	225 mm	49 x 14 mm
C020/2000	€ 1650,00	0 ÷ 2000 mm	1/50 0,02 mm	250 mm	50 x 15 mm

C044-

STAINLESS STEEL ELECTRONIC DIGITAL DEPTH GAUGE

With 3 functions with big display



Box INOX 862

Art.	€	Range	Reading	Base	Beam
C044/200	€ 86,10	0÷200 mm | 0÷8"	0,01 mm | 0,0005"	100 mm	13 x 3,5 mm
C044/300	€ 148,00	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	150 mm	15 x 4 mm

C007-

CHROMED VERNIERE DEPTH GAUGE



Box 862

Art.	€	Range	Reading	Base	Beam
C007/200	€ 37,30	0 ÷ 200 mm	1/50 0,02 mm	100 mm	9,6 x 4,5 mm
C007/300	€ 51,20	0 ÷ 300 mm	1/50 0,02 mm	100 mm	12 x 4 mm

C010/200 € 53,90

SCRATCH VERNIER CALIPER

C010/200P € 7,90

2-BIT SET FOR CALIPER C010/200



Box



Range	0÷200 mm | 0÷8"
Reading	1/10 0,1 mm | 1/64"
Jaws	10 mm
Beam	16 x 3 mm

CF08 — NEW € 8,40

GAUGE TO MEASURE WHEEL NUT HOLES CENTER DISTANCE

Handy tool for measuring the hole circle on steel and aluminium rims. Suitable for 4 -, 5 -, 6 - and 8-hole rims



Box

Range	4-8 LUG 100 ÷ 210 mm

T092-

ELECTRONIC DIGITAL MULTI FUNCTION HEIGHTGAUGE

With 4 functions and big display, with scriber



Box

Art.	€	Range	Reading	Accuracy	Net weight
T092/300	**€ 542,00**	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm | 0,015"	4 kg
T092/600	**€ 901,00**	0÷600 mm | 0÷24"	0,01 mm | 0,0005"	0,05 mm | 0,025"	9 kg

T093- — PRO NEW

ELECTRONIC DIGITAL MULTI FUNCTION HEIGHTGAUGE

With integrated Bluetooth technology, stainless steel guide bar, with hand wheel for quick adjustment, "Absolute" function, carbide tipped steel scriber, with data connection for digital gauges, with built-in connection for external power supply, cast iron base



Box INOX

Art.	€	Range	Reading	Accuracy	Repeatability	Beam	Base dimensions
T093/300	**€ 710,00**	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm	0,02 mm	35 x 15 mm	150 x 100 x 50 mm
T093/600	**€ 1020,00**	0÷600 mm | 0÷24"	0,01 mm | 0,0005"	0,05 mm	0,02 mm	35 x 15 mm	150 x 100 x 50 mm

T100-

VERNIER HEIGHTGAUGE CHROME PLATED

With scriber



Box

Art.	€	Range	Reading	Net weight
T100/300	**€ 110,00**	0 ÷ 300 mm	0,02 mm	2 kg
T100/500	**€ 218,00**	0 ÷ 500 mm	0,02 mm	5,5 kg

REAx-FS

STAINLESS STEEL RULE

Etched scale for easier reading; flexible version, reading from left to right, non glare matte surface.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0150/FS	€ 3,10	150 mm	13 x 0.5 mm
REA0300/FS	€ 4,12	300 mm	13 x 0.5 mm
REA0500/FS	€ 7,20	500 mm	18 x 0.5 mm
REA1000/FS	€ 17,30	1000 mm	18 x 0.5 mm

REAx-FD

STAINLESS STEEL RULE

Etched scale for easier reading; flexible version, reading from right to left, non glare matte surface.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0150/FD	€ 3,10	150 mm	13 x 0.5 mm
REA0300/FD	€ 4,12	300 mm	13 x 0.5 mm
REA0500/FD	€ 7,20	500 mm	18 x 0.5 mm
REA1000/FD	€ 17,30	1000 mm	18 x 0.5 mm

REAx-RS

STAINLESS STEEL RULE

Etched scale for easier reading; semi rigid version, reading from left to right, non glare matte surface

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0300/RS	€ 7,90	300 mm	30 x 1.0 mm
REA0500/RS	€ 16,50	500 mm	30 x 1.0 mm
REA1000/RS	€ 31,50	1000 mm	30 x 1.0 mm
REA2000/RS	€ 58,60	2000 mm	30 x 1.0 mm

REAx-RD

STAINLESS STEEL RULE

Etched scale for easier reading; semi rigid version, reading from right to left, non glare matte surface.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0300/RD	€ 7,90	300 mm	30 x 1.0 mm
REA0500/RD	€ 16,50	500 mm	30 x 1.0 mm
REA1000/RD	€ 31,50	1000 mm	30 x 1.0 mm
REA2000/RD	€ 58,60	2000 mm	30 x 1.0 mm

REAx-RS-MID

STAINLESS STEEL RULE MID

Etched scale for easier reading; semi rigid version, reading from left to right, non glare matte surface, EC II tolerance MID.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0500/RS/MID	€ 19,40	500 mm	30 x 1.0 mm
REA1000/RS/MID	€ 37,80	1000 mm	30 x 1.0 mm
REA2000/RS/MID	€ 75,50	2000 mm	30 x 1.0 mm

REAx-RD-MID

STAINLESS STEEL RULE MID

Etched scale for easier reading; semi rigid version, reading from right to left, non glare matte surface, EC II tolerance MID.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REA0500/RD/MID	€ 19,40	500 mm	30 x 1.0 mm
REA1000/RD/MID	€ 37,80	1000 mm	30 x 1.0 mm
REA2000/RD/MID	€ 75,50	2000 mm	30 x 1.0 mm

RLAx-RS-MID

STAINLESS STEEL RULE MID

Laser engraved scale for easier reading; semi rigid version, reading from left to right, non glare matte surface, EC II tolerance MID.

Hangable INOX Made in Germany



Art.	€	Length	Stem
RLA0500/RS/MID	€ 50,60	500 mm	30 x 1.0 mm
RLA1000/RS/MID	€ 99,00	1000 mm	30 x 1.0 mm
RLA2000/RS/MID	€ 199,00	2000 mm	30 x 1.0 mm

RLAx-RD-MID

STAINLESS STEEL RULE MID

Laser engraved scale for easier reading; semi rigid version, reading from right to left, non glare matte surface, EC II tolerance MID

Hangable INOX Made in Germany



Art.	€	Length	Stem
RLA0500/RD/MID	€ 50,60	500 mm	30 x 1.0 mm
RLA1000/RD/MID	€ 99,00	1000 mm	30 x 1.0 mm
RLA2000/RD/MID	€ 199,00	2000 mm	30 x 1.0 mm

REGx-FS

STAINLESS STEEL RULE WITH HOOK 90°

Etched scale for easier reading; flexible version, reading from left to right, non glare matte surface.

Hangable INOX Made in Germany



Art.	€	Length	Stem
REG0200/FS	€ 11,90	200 mm	13 x 0.5 mm
REG0300/FS	€ 13,50	300 mm	13 x 0.5 mm
REG0500/FS	€ 26,70	500 mm	18 x 0.5 mm

Rx

SCALE WITH MULTIFUNCTION DIGITAL READOUT

The scale can be cut to reach the desired length functions: on/off - mm/inch - zero - abs/inc - auto power off.

Box



Art.	€	Total length	Range	Reading
R060	€ 82,00	630 mm - 24.8" inch	500 mm - 19.7"	0,01 mm | 0.001"
R100	€ 107,00	1000 mm - 40" inch	900 mm - 35"	0,01 mm | 0.001"

C064 — € 105,00

MULTIFUNCTIONAL ELECTRONIC DIGITAL INDICATOR LARGE DISPLAY

Functions: zero point at any position, mm/inch, conversion, hold, min/max functions, auto power off.



Box 878

Range	0÷12,7 mm | 0÷0,5"
Reading	0,01 mm | 0,005"
Accuracy	0,02 mm | 0,002"
Dial size	60 mm
Battery	SR44W

C060 — PRO — € 220,00

MULTIFUNCTIONAL ELECTRONIC DIGITAL INDICATOR LARGE DISPLAY

Functions: zero point at any position, mm/inch conversion, hold, min, max functions, auto power off.



Box 878

Range	0÷12,7 mm | 0÷0,5"
Reading	0,001 mm | 0,0005"
Accuracy	0,005 mm | 0,0025"
Dial size	60 mm
Battery	CR2025

C004 — PRO — € 86,50

DIAL INDICATOR



Box 878

Dial size	60 mm
Range	0 ÷ 1 mm
Reading	0,001 mm
Accuracy	0,002 mm

C017 — PRO — € 59,90

SHOCKPROOF AND SPLASHPROOF DIAL INDICATOR

With movement on jewels, with back lug



Box 878

Dial size	60 mm
Range	10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C002 — € 52,00

DIAL INDICATOR



Box 878

Dial size	60 mm
Range	10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023 — € 30,50

DIAL INDICATOR



Box 878

Dial size	60 mm
Range	10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023G — € 20,10

DIAL INDICATOR



Box 878

Dial size	60 mm
Range	10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023/N — € 34,50

DIAL INDICATOR



Box 878

Dial size	60 mm
Range	10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C002/42 — € 37,50

DIAL INDICATOR



Box 878

Dial size	42 mm
Range	5 mm
Reading	0,01 mm
Accuracy	0,015 mm

C048 — € 73,40

DIAL INDICATOR

With back lug



Box 878

Dial size	60 mm
Range	30 mm
Reading	0,01 mm
Accuracy	0,015 mm

T003-

DIAL TEST INDICATOR



Box 2270

Art.	€	Dial size	Range	Reading	Accuracy	Contact point
T003	**€ 92,30**	32 mm	0,8 mm	0,01 mm	0,015 mm	Ø 2 mm
T003G	**€ 54,80**	32 mm	0,8 mm	0,01 mm	0,008 mm	Ø 2 mm

T007-

DIAL TEST INDICATOR



Box

Art.	€	Dial size	Range	Reading	Accuracy	Contact point
T007	**€ 93,20**	40 mm	0,8 mm	0,01 mm	0,011 mm	Ø 2 mm
T007G	**€ 59,40**	40 mm	0,8 mm	0,01 mm	0,008 mm	Ø 2 mm

T006 — € 99,60

DIAL TEST INDICATOR WITH LONG CONTACT POINT



Box 2270

Dial size	40 mm
Range	0,8 mm
Reading	0,01 mm
Accuracy	0,011 mm
Contact point	Ø 2 mm
Contact point length	29 mm

T005 — PRO € 110,00

DIAL TEST INDICATOR



Box 2270

Dial size	32 mm
Range	0,2 mm
Reading	0,002 mm
Accuracy	0,005 mm
Contact point	Ø 2 mm

T011 — € 84,40

DIAL TEST INDICATOR



Box 2270

Dial size	32 mm
Range	0,8 mm
Reading	0,01 mm
Accuracy	0,011 mm
Contact point	Ø 2 mm

A016-
BORE GAUGE SET WITH DIAL INDICATOR



Box

Art.	€	Range	Reading	Depth
A016/6/10	€ 142,00	6 ÷ 10 mm	0,01 mm	40 mm
A016/10/18	€ 147,00	10 ÷ 18 mm	0,01 mm	100 mm
A016/18/35	€ 147,00	18 ÷ 35 mm	0,01 mm	125 mm
A016/35/50	€ 147,00	35 ÷ 50 mm	0,01 mm	150 mm
A016/50/160	€ 147,00	50 ÷ 160 mm	0,01 mm	150 mm
A016/160/250	€ 164,00	160 ÷ 250 mm	0,01 mm	400 mm
A016/250/450	€ 186,00	250 ÷ 450 mm	0,01 mm	400 mm

M055/120 € 95,90
DIAL THICKNESS GAUGE



Box

Range	0 ÷ 10 mm
Reading	0,01 mm
Throat depth	120 mm

C016 € 157,00
DIAL DEPTH GAUGE



Box

Range	0 ÷ 110 mm
Dial indicator range	0 ÷ 10 mm
Base dimensions	63 x 17 mm
Reading	0,01 mm
Extension bars	10 pz

M062 € 23,80
DIGITAL DIAL THICKNESS GAUGE



Box

Range	0÷12 mm - 0÷0,5"
Reading	0,01 mm | 0,0005"
Throat depth	20 mm
Accuracy	±0,1 mm | 0,004"

M055 € 63,00
DIAL THICKNESS GAUGE



Box

Range	0 ÷ 10 mm
Reading	0,01 mm
Throat depth	9 ÷ 16 mm

C014-
DIAL INSIDE GAUGE



Box

Art.	€	Range	Depth	Anvil	Reading
C014/15/35	€ 142,00	15 ÷ 35 mm	50 mm	Ø 3 x 3 mm	0,01 mm
C014/35/55	€ 142,00	35 ÷ 55 mm	80 mm	Ø 3 x 6 mm	0,01 mm
C014/55/75	€ 142,00	55 ÷ 75 mm	80 mm	Ø 3 x 6 mm	0,01 mm
C014/75/95	€ 142,00	75 ÷ 95 mm	100 mm	Ø 3 x 8 mm	0,01 mm

A020 € 134,00
ZERO SETTING WITH DIAL INDICATOR WITH MAGNETIC BASE



Box

Zero setting height	50 mm
Reading	0,01 mm
Range	0 ÷ 8 mm

A021 PRO NEW € 124,00

ZERO SETTING WITH DIAL INDICATOR WITH MAGNETIC BASE

To position or reset the height of tools, such as end mills, directly on the machine tools, also determining the position of the machine spindle

Box IP65



Range	0÷2,40 mm | 0÷0,094"
Reading	0,01 mm | 0,0005"
Platform dimensions	Ø 24 mm
Digit height	8 mm
Battery	1 x 3V CR2032
Dimensions	Ø 50 x 51 mm

C062 € 37,50

MECHANICAL EDGE FINDER

Box



Shank	Ø 10 mm
Anvil	Ø 4 - 10 mm

C063 € 71,90

ELECTRONIC EDGE FINDER

Box



Shank	Ø 20 mm
Contact point	Ø 10 mm
Total length	100 mm
Power	2 x SR44W

C063/L PRO € 87,90

ELECTRONIC EDGE FINDER

With led light and audible beep

Box



Shank	Ø 20 mm
Contact point	Ø 10 mm
Total length	160 mm
Power	2 x LR1 1.5 V

C061 € 227,00

CO-AX INDICATOR

With positioning rod



Box

Dial indicator	Ø 40 mm
Swing	4,9 mm
Reading	0,01 mm
Max speed	800 rpm
Cylindric shank	Ø 10 mm
Straight feelers	3
Bent feelers	3
Feeler length	50 – 100 - 150 mm
Contact point	Ø 3 mm
Scriber point	50 mm

M021-

ELECTRONIC DIGITAL MICROMETER

Friction thimble with carbide faces, functions: abs/inc, set, on/off and mm/inch.



Box | HM | DIN 863

Art.	€	Size	Reading	Accuracy
M021/00/25	€ 92,30	0 ÷ 25 mm - 0 ÷ 1"	0,001 mm - 0,00005"	0,003 mm - 0.00015"
M021/25/50	€ 115,00	25 ÷ 50 mm - 1" ÷ 2"	0,001 mm - 0,00005"	0,003 mm - 0.00015"
M021/50/75	€ 139,00	50 ÷ 75 mm - 2" ÷ 3"	0,001 mm - 0,00005"	0,004 mm - 0.0002"
M021/75/100	€ 162,00	75 ÷ 100 mm - 3" ÷ 4"	0,001 mm - 0,00005"	0,004 mm - 0.0002"

M026-

PRO

ELECTRONIC DIGITAL MICROMETER

Friction thimble with carbide faces



Box | HM | DIN 863

Art.	€	Size	Reading	Accuracy
M026/0/25	€ 179,00	0 ÷ 25 mm - 0 ÷ 1"	0,001 mm | 0,0001"	0,0002 mm | 0,00008"
M026/25/50	€ 224,00	25 ÷ 50 mm - 1 ÷ 2"	0,001 mm | 0,0001"	0,0002 mm | 0,00008"
M026/50/75	€ 241,00	50 ÷ 75 mm - 2 ÷ 3"	0,001 mm | 0,0001"	0,0003 mm | 0,00012"
M026/75/100	€ 267,00	75 ÷ 100 mm - 3 ÷ 4"	0,001 mm | 0,0001"	0,0003 mm | 0,00012"

M022-

CHROMED OUTSIDE MICROMETER

With big 100 step graduation thimble with carbide faces and friction on thimble



Box | HM | DIN 863

Art.	€	Size	Reading	Accuracy
M022/00/25	€ 67,80	0 ÷ 25 mm	0,01 mm	0,004 mm
M022/25/50	€ 84,30	25 ÷ 50 mm	0,01 mm	0,004 mm
M022/50/75	€ 99,20	50 ÷ 75 mm	0,01 mm	0,005 mm
M022/75/100	€ 114,00	75 ÷100 mm	0,01 mm	0,005 mm

M033

€ 197,00

OUTSIDE MICROMETER SET

With carbide faces and painted frame



Carrying case | HM | DIN 863

Size	0÷25 - 25÷50 - 50÷75 - 75÷100 - 100÷125 - 125÷150 mm
Reading	0,01 mm
Accuracy	0,004 - 0,004 - 0,005 - 0,005 - 0,006 - 0,006 mm
Spindle	Ø 6,3 mm

M033-

CHROMED OUTSIDE MICROMETER

With carbide faces and painted frame



Box | HM | DIN 863

Art.	€	Size	Reading	Spindle
M033/00/25	€ 24,80	0÷25 mm	0,01 mm	ø 6,3 mm
M033/25/50	€ 34,80	25÷50 mm	0,01 mm	ø 6,3 mm
M033/50/75	€ 38,90	50÷75 mm	0,01 mm	ø 6,3 mm
M033/75/100	€ 43,10	75÷100 mm	0,01 mm	ø 6,3 mm

M033-x

CHROMED OUTSIDE MICROMETER

With carbide faces and painted frame



Box | HM | DIN 863

Art.	€	Size	Reading	Spindle
M033/100/125	€ 46,10	100÷125 mm	0,01 mm	ø 6,3 mm
M033/125/150	€ 49,20	125÷150 mm	0,01 mm	ø 6,3 mm
M033/150/175	€ 58,80	150÷175 mm	0,01 mm	ø 6,3 mm
M033/175/200	€ 67,00	175÷200 mm	0,01 mm	ø 6,3 mm
M033/200/225	€ 77,70	200÷225 mm	0,01 mm	ø 6,3 mm
M033/225/250	€ 94,90	225÷250 mm	0,01 mm	ø 6,3 mm
M033/250/275	€ 97,70	250÷275 mm	0,01 mm	ø 6,3 mm
M033/275/300	€ 110,00	275÷300 mm	0,01 mm	ø 6,3 mm

M009-

CHROMED OUTSIDE MICROMETER

With carbide faces and painted frame



Box HM DIN 863

Art.	€	Size	Reading	Spindle
M009/300/400	€ 338,00	300 ÷ 400 mm	0,01 mm	ø 6,5 mm
M009/400/500	€ 369,00	400 ÷ 500 mm	0,01 mm	ø 6,5 mm
M009/500/600	€ 426,00	500 ÷ 600 mm	0,01 mm	ø 6,5 mm
M009/600/700	€ 507,00	600 ÷ 700 mm	0,01 mm	ø 6,5 mm
M009/700/800	€ 608,00	700 ÷ 800 mm	0,01 mm	ø 6,5 mm
M009/800/900	€ 702,00	800 ÷ 900 mm	0,01 mm	ø 6,5 mm
M009/900/1000	€ 834,00	900 ÷ 1000 mm	0,01 mm	ø 6,5 mm
M009/1000/1200	€ 1230,00	1000 ÷ 1200 mm	0,01 mm	ø 6,5 mm

M010-

DISC MICROMETER

Painted frame



Box DIN 863

Art.	€	Size	Reading	Discs
M010/0/25	€ 106,00	0 ÷ 25 mm	0,01 mm	Ø 20 mm
M010/25/50	€ 130,00	25 ÷ 50 mm	0,01 mm	Ø 20 mm
M010/50/75	€ 137,00	50 ÷ 75 mm	0,01 mm	Ø 20 mm
M010/75/100	€ 144,00	75 ÷ 100 mm	0,01 mm	Ø 20 mm
M010/100/125	€ 184,00	100 ÷ 125 mm	0,01 mm	Ø 27 mm
M010/125/150	€ 209,00	125 ÷ 150 mm	0,01 mm	Ø 27 mm
M010/150/175	€ 232,00	150 ÷ 175 mm	0,01 mm	Ø 27 mm
M010/175/200	€ 245,00	175 ÷ 200 mm	0,01 mm	Ø 27 mm

M019-

BLIND HOLE THREE POINT INSIDE MICROMETER



Box

Art.	€	Ring	Size	Reading	Accuracy
M019/06/08	€ 377,00	1	6 ÷ 8 mm	0,001 mm	0,004 mm
M019/08/10	€ 377,00	1	8 ÷ 10 mm	0,001 mm	0,004 mm
M019/10/12	€ 377,00	1	10 ÷ 12 mm	0,001 mm	0,004 mm
M019/12/16	€ 353,00	1	12 ÷ 16 mm	0,005 mm	0,004 mm
M019/16/20	€ 353,00	1	16 ÷ 20 mm	0,005 mm	0,004 mm
M019/20/25	€ 379,00	1	20 ÷ 25 mm	0,005 mm	0,004 mm
M019/25/30	€ 379,00	1	25 ÷ 30 mm	0,005 mm	0,004 mm
M019/30/40	€ 417,00	1	30 ÷ 40 mm	0,005 mm	0,004 mm
M019/40/50	€ 497,00	1	40 ÷ 50 mm	0,005 mm	0,005 mm
M019/50/63	€ 507,00	1	50 ÷ 63 mm	0,005 mm	0,005 mm
M019/62/75	€ 561,00	1	62 ÷ 75 mm	0,005 mm	0,005 mm
M019/75/88	€ 568,00	1	75 ÷ 88 mm	0,005 mm	0,005 mm
M019/87/100	€ 568,00	1	87 ÷ 100 mm	0,005 mm	0,005 mm
M019/100/125	€ 632,00	0	100 ÷ 125 mm	0,005 mm	0,005 mm
M019/125/150	€ 698,00	0	125 ÷ 150 mm	0,005 mm	0,005 mm

M019-x

BLIND HOLE THREE POINT INSIDE MICROMETER SET



Carrying case

Art.	€	Micrometers	Rings	Size	Reading	Accuracy
M019/06/12	€ 981,00	3	3	6 ÷ 12 mm	0,001 mm	0,004 mm
M019/12/20	€ 535,00	2	1	12 ÷ 20 mm	0,005 mm	0,004 mm
M019/20/40	€ 1040,00	3	2	20 ÷ 40 mm	0,005 mm	0,004 mm
M019/40/100	€ 2290,00	5	3	40 ÷ 100 mm	0,005 mm	0,005 mm

M013/0/100 € 120,00

DEPTH MICROMETER



Carrying case

Range	0÷25 mm, 25÷50 mm, 50÷75 mm, 75÷100 mm
Reading	0,01 mm
Base	100 x 17 mm

B0x

NEW

METRIC GAUGE BLOCK SET

Inspection certificate issued by the factory, Accredia certificate upon request



Carrying case

DIN 3650

Art.	€	Grade	Pieces	Nominal size (mm)	Increment (mm)	Pcs by step
B008/1	**€ 1030,00**	1	8	25 - 50 - 75 - 100 - 250 - 300 - 400 - 500	-	1
B011/0	**€ 212,00**	0	11	2,5 - 5,1 - 7,7 - 10,3 - 12,9 - 15 - 17,6 - 20,2 - 22,8 - 23,4 - 25	-	1
B032/0	**€ 429,00**	0	32	1,005 1,01÷1,09 1,1÷1,9 1÷9 10 - 20 - 30 - 50	- 0,01 0,1 1	1 9 9 9 4
B032/1	**€ 266,00**	1	32	1,005 1,01÷1,09 1,1÷1,9 1÷9 10 - 20 - 30 - 50	- 0,01 0,1 1	1 9 9 9 4
B032/2	**€ 149,00**	2	32	1,005 1,01÷1,09 1,1÷1,9 1÷9 10 - 20 - 30 - 50	- 0,01 0,1 1	1 9 9 9 4
B047/0	**€ 610,00**	0	47	1,005 1,01÷1,2 1,3÷1,9 1÷9 10÷100	- 0,01 0,1 1 10	1 20 7 9 10
B047/1	**€ 361,00**	1	47	1,005 1,01÷1,2 1,3÷1,9 1÷9 10÷100	- 0,01 0,1 1 10	1 20 7 9 10
B047/2	**€ 214,00**	2	47	1,005 1,01÷1,2 1,3÷1,9 1÷9 10÷100	- 0,01 0,1 1 10	1 20 7 9 10
B087/0	**€ 1020,00**	0	87	1,001÷1,009 1,01÷1,49 0,5÷9,5 10÷100	0,001 0,01 0,5 10	9 49 19 10
B087/1	**€ 544,00**	1	87	1,001÷1,009 1,01÷1,49 0,5÷9,5 10÷100	0,001 0,01 0,5 10	9 49 19 10
B087/2	**€ 333,00**	2	87	1,001÷1,009 1,01÷1,49 0,5÷9,5 10÷100	0,001 0,01 0,5 10	9 49 19 10
B103/0	**€ 1170,00**	0	103	1,005 1,01÷1,49 0,5÷24,5 25÷100	- 0,01 0,5 25	1 49 49 4
B103/1	**€ 722,00**	1	103	1,005 1,01÷1,49 0,5÷24,5 25÷100	- 0,01 0,5 25	1 49 49 4
B103/2	**€ 407,00**	2	103	1,005 1,01÷1,49 0,5÷24,5 25÷100	- 0,01 0,5 25	1 49 49 4
B112/0	**€ 1020,00**	0	112	1,005 1,001 ÷ 1,009 1,01 ÷ 1,49 0,5 ÷ 24,5 25 ÷ 100	- 0,001 0,01 0,5 25	1 9 49 49 4
B112/1	**€ 721,00**	1	112	1,005 1,001 ÷ 1,009 1,01 ÷ 1,49 0,5 ÷ 24,5 25 ÷ 100	- 0,001 0,01 0,5 25	1 9 49 49 4

C025-

H7 HOLE PLAIN GAUGE WITH "GO" & "NO GO" CHECKS MADE OF HARDENED ALLOY STEEL



Art.	€	ø	Pieces
C025/03	€ 34,30	3 mm	1
C025/04	€ 34,30	4 mm	1
C025/05	€ 34,30	5 mm	1
C025/06	€ 34,30	6 mm	1
C025/07	€ 34,30	7 mm	1
C025/08	€ 34,30	8 mm	1
C025/09	€ 34,30	9 mm	1
C025/10	€ 34,30	10 mm	1
C025/11	€ 42,50	11 mm	1
C025/12	€ 42,50	12 mm	1
C025/13	€ 42,50	13 mm	1
C025/14	€ 42,50	14 mm	1
C025/15	€ 42,50	15 mm	1
C025/16	€ 42,50	16 mm	1
C025/17	€ 42,50	17 mm	1
C025/18	€ 42,50	18 mm	1
C025/19	€ 42,50	19 mm	1
C025/20	€ 42,50	20 mm	1
C025/21	€ 63,60	21 mm	1
C025/22	€ 63,60	22 mm	1
C025/23	€ 63,60	23 mm	1
C025/24	€ 63,60	24 mm	1
C025/25	€ 63,60	25 mm	1
C025/26	€ 63,60	26 mm	1
C025/27	€ 63,60	27 mm	1
C025/28	€ 63,60	28 mm	1
C025/29	€ 63,60	29 mm	1
C025/30	€ 79,70	30 mm	1
C025/32	€ 79,70	32 mm	1
C025/33	€ 79,70	33 mm	1
C025/34	€ 79,70	34 mm	1
C025/35	€ 79,70	35 mm	1
C025/36	€ 79,70	36 mm	1
C025/37	€ 79,70	37 mm	1
C025/38	€ 79,70	38 mm	1
C025/40	€ 79,70	40 mm	1
C025/42	€ 79,70	42 mm	1
C025/44	€ 79,70	44 mm	1
C025/45	€ 89,60	45 mm	1
C025/46	€ 89,70	46 mm	1
C025/47	€ 89,70	47 mm	1
C025/48	€ 89,70	48 mm	1
C025/50	€ 89,70	50 mm	1
C025/51	€ 96,20	51 mm	1
C025/52	€ 96,20	52 mm	1
C025/55	€ 96,20	55 mm	2
C025/56	€ 96,20	56 mm	2
C025/57	€ 96,20	57 mm	2
C025/58	€ 96,20	58 mm	2
C025/59	€ 96,20	59 mm	2
C025/60	€ 96,20	60 mm	2
C025/62	€ 116,00	62 mm	2
C025/63	€ 116,00	63 mm	2
C025/65	€ 116,00	65 mm	2
C025/66	€ 116,00	66 mm	2
C025/67	€ 116,00	67 mm	2
C025/68	€ 116,00	68 mm	2
C025/69	€ 116,00	69 mm	2
C025/70	€ 154,00	70 mm	2
C025/71	€ 154,00	71 mm	2
C025/72	€ 154,00	72 mm	2
C025/74	€ 154,00	74 mm	2
C025/75	€ 154,00	75 mm	2
C025/76	€ 154,00	76 mm	2
C025/78	€ 154,00	78 mm	2
C025/80	€ 154,00	80 mm	2

C025-3x

H7 HOLE PLAIN GAUGE SET "GO" & "NO GO"



Carrying case

Art.	€	Pieces	Pitch	ø
C025/3/30	€ 1080,00	28	1 mm	3 ÷ 30 mm
C025/32/62	€ 1290,00	16	-	32-35-37-38-40-42-45-47-48-50-52-55-56-58-60-62 mm

A015-

RING GAUGE FOR ZERO SETTING

6g accuracy.



DIN 2250

Art.	€	Size
A015/008	€ 51,90	8 mm
A015/010	€ 58,20	10 mm
A015/011	€ 58,20	11 mm
A015/017	€ 63,60	17 mm
A015/025	€ 63,60	25 mm
A015/035	€ 63,60	35 mm
A015/040	€ 108,00	40 mm
A015/062	€ 120,00	62 mm
A015/087	€ 283,00	87 mm
A015/100	€ 298,00	100 mm
A015/125	€ 461,00	125 mm
A015/150	€ 647,00	150 mm

T048x

THREAD PLUG GAUGE "GO" & "NO GO"

Cylindric bsp



Art.	€	Dimensions
T0481/8	€ 64,50	1/8" - 28 TPI
T0481/4	€ 64,50	1/4" - 19 TPI
T0483/8	€ 64,50	3/8" - 19 TPI
T0481/2	€ 83,00	1/2" - 14 TPI
T0485/8	€ 96,80	5/8" - 14 TPI
T0483/4	€ 103,00	3/4" - 14 TPI
T0487/8	€ 134,00	7/8" - 14 TPI
T0481	€ 157,00	1" - 11 TPI

A018x

"GO" SCREW GAUGE

"go" screw gauge, cylindric bsp



Art.	€	Dimensions
A0181/8	€ 66,50	1/8" - 28 TPI
A0181/4	€ 66,50	1/4" - 19 TPI
A0183/8	€ 66,50	3/8" - 19 TPI
A0181/2	€ 91,20	1/2" - 14 TPI
A0185/8	€ 91,20	5/8" - 14 TPI
A0183/4	€ 111,00	3/4" - 14 TPI
A0187/8	€ 134,00	7/8" - 14 TPI
A0181	€ 97,70	1" - 11 TPI

T049x

6H "GO" & "NO GO" ISOMETRIC THREAD PLUG GAUGE



Art.	€	Dimensions
T0493X0.5	€ 59,10	3 x 0,5 mm
T0494X0.7	€ 76,10	4 x 0,7 mm
T0495X0.8	€ 78,70	5 x 0,8 mm
T0496X1	€ 78,70	6 x 1 mm
T0498X1	€ 71,70	8 x 1 mm
T0498X1.25	€ 71,70	8 x 1,25 mm
T04910X1	€ 73,40	10 x 1 mm
T04910X1.25	€ 73,40	10 x 1,25 mm
T04910X1.5	€ 73,40	10 x 1,5 mm
T04912X1.25	€ 73,40	12 x 1,25 mm
T04912X1.5	€ 73,40	12 x 1,5 mm
T04912X1.75	€ 73,40	12 x 1,75 mm
T04914X1.5	€ 78,70	14 x 1,5 mm
T04914X2	€ 78,70	14 x 2 mm
T04916X1.5	€ 82,20	16 x 1,5 mm
T04916X2	€ 82,20	16 x 2 mm
T04918X1.5	€ 61,00	18 x 1,5 mm
T04918X2.5	€ 61,00	18 x 2,5 mm
T04920X1.5	€ 66,80	20 x 1,5 mm
T04920X2.5	€ 66,80	20 x 2,5 mm
T04922X1.5	€ 68,40	22 x 1,5 mm
T04922X2.5	€ 68,40	22 x 2,5 mm
T04924X1.5	€ 71,70	24 x 1,5 mm
T04924X2	€ 71,70	24 x 2 mm
T04924X3	€ 71,70	24 x 3 mm

A017x

6G "GO" ISOMETRIC SCREW GAUGE



Art.	€	Dimensions
A0173X0.5	€ 57,30	3 x 0,5 mm
A0174X0.7	€ 64,50	4 x 0,7 mm
A0175X0.8	€ 64,50	5 x 0,8 mm
A0176X1	€ 53,70	6 x 1 mm
A0178X1	€ 53,70	8 x 1 mm
A0178X1.25	€ 53,70	8 x 1,25 mm
A01710X1	€ 76,10	10 x 1 mm
A01710X1.25	€ 59,10	10 x 1,25 mm
A01710X1.5	€ 59,10	10 x 1,5 mm
A01712X1.25	€ 82,20	12 x 1,25 mm
A01712X1.5	€ 82,20	12 x 1,5 mm
A01712X1.75	€ 82,20	12 x 1,75 mm
A01714X2	€ 82,20	14 x 2 mm
A01716X1.5	€ 87,10	16 x 1,5 mm
A01716X2	€ 87,10	16 x 2 mm
A01718X1.5	€ 61,00	18 x 1,5 mm
A01718X2.5	€ 61,00	18 x 2,5 mm
A01720X1.5	€ 64,30	20 x 1,5 mm
A01720X2.5	€ 64,30	20 x 2,5 mm
A01722X1.5	€ 73,30	22 x 1,5 mm
A01722X2.5	€ 73,30	22 x 2,5 mm
A01724X1.5	€ 97,70	24 x 1,5 mm
A01724X2	€ 97,70	24 x 2 mm
A01724X3	€ 97,70	24 x 3 mm

S091 € 474,00

STEEL PLUG GAUGE SET



Carrying case

Pieces	91
Size	1÷10 mm
Increment	0,1 mm
Length	50 mm
Hardness	HRC-60-62
Accuracy	±0,002 mm



T009 € 31,90

DIAL INDICATOR HOLDER



Carrying case

Shank	Ø 8 mm
Female junction	Ø 4 mm

B201/1 € 16,60

MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base



Carrying case

Base dimensions	36 x 30 x 35 mm
Hole	M5 x 0,8
Magnetic force	300 N

B201/2 € 19,70

MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base



Carrying case

Base dimensions	60 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	800 N

B201/3 € 26,00

MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base



Carrying case

Base dimensions	73 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	1000 N

B201/4 € 36,30

MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base



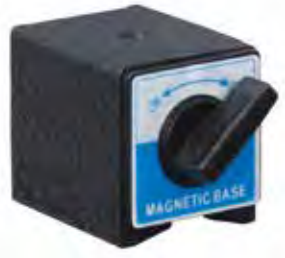
Carrying case

Base dimensions	117 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	1300 N

B100 € 23,70

MAGNETIC STAND

Abs switch and prismatic base



Carrying case

Dimensions	63 x 50 x 55h mm
Hole	M 8 x 1,25
Magnetic force	600 N

S052/2 € 31,20

MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. magnetic base with prismatic support and switch



Carrying case

Main stem	ø 12 x 176 mm
Assistant stem	ø 10 x 150 mm
Magnetic force	800 N
Base dimensions	60 x 50 x 55 mm

S052/3 € 54,00

MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. Magnetic base with prismatic support and switch.



Carrying case

Main stem	ø 16 x 225 mm
Assistant stem	ø 14 x 165 mm
Magnetic force	1000 N
Base dimensions	73 x 50 x 55 mm

S052/4 — € 80,00

MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. magnetic base with prismatic support and switch



Carrying case

Main stem	ø 20 x 355 mm
Assistant stem	ø 14 x 210 mm
Magnetic force	1300 N
Base dimensions	117 x 50 x 55 mm

S049 — € 35,20

MAGNETIC STAND

With microadjustment



Carrying case

Main stem	ø 12 x 170 mm
Assistant stem	ø 10 x 150 mm
Magnetic force	600 N
Base dimensions	63 x 50 x 55h mm

S047 — € 65,90

MAGNETIC STAND

With microadjustment



Carrying case

Main stem	Ø 16 x 220 mm
Assistant stem	Ø 12 x 180 mm
Magnetic force	800 N
Base dimensions	65 x 50 x 55h mm

S054 — € 31,90

MAGNETIC STAND



Carrying case

Main stem	Ø 12 x 170 mm
Assistant stem	Ø 10 x 165 mm
Magnetic force	600 N
Base dimensions	63 x 50 x 55h mm

S055 — € 62,20

MAGNETIC STAND



Carrying case

Main stem	Ø 16 x 210 mm
Assistant stem	Ø 12 x 175 mm
Magnetic force	800 N
Base dimensions	75 x 50 x 55h mm

S042/1 — € 57,50

UNIVERSAL MECHANICAL ARM STAND

With 3d central lock



Carrying case

Base dimensions	36 x 30 x 35 mm
Magnetic force	300 N
Arm length	145 mm

S042/2 — € 72,70

UNIVERSAL MECHANICAL ARM STAND

With micrometric adjustment and 3d central lock



Carrying case

Base dimensions	60 x 50 x 55 mm
Magnetic force	800 N
Arm length	290 mm

S042/3 — € 93,50

UNIVERSAL MECHANICAL ARM STAND

With micrometric adjustment and 3d central lock



Carrying case

Base dimensions	75 x 50 x 55 mm
Magnetic force	1000 N
Arm length	365 mm

S045 € 73,80

UNIVERSAL MECHANICAL ARM STAND



Carrying case

Main stem	Ø 12 x 160 mm
Assistant stem	Ø 10 x 180 mm
Magnetic force	600 N
Base dimensions	63 x 50 x 55h mm

S046 € 113,00

HYDRAULIC UNIVERSAL MAGNETIC STAND



Carrying case

Main stem	Ø 17 x 180 mm
Assistant stem	Ø 14 x 200 mm
Magnetic force	600 N
Base dimensions	63 x 50 x 55h mm

B025 € 218,00

DIAL GAUGE STAND

With grooved steel plate and aluminium base.



Carrying case

Dial stand	ø 8 mm
Plate Dimensions	80 x 80 mm
Base dimensions	150 x 100 mm
Column	ø 25 x 180 mm

B010 € 269,00

DIAL GAUGE STAND

With granite base



Carrying case

Dial stand	ø 8 mm
Base dimensions	300 x 200 x 50h mm
Column	ø 35 x 300 mm
Base flatness	0,002 mm

A019-

ECCENTRICY BENCH TESTER

With dial stand



Wooden Box Cast Iron

Art.	€	Distance between centers	Centers height Min. - Max	MT	Dimensions	Dial stand	Net weight
A019/300	**€ 1220,00**	300 mm	145 / 175 mm	2	730 x 310 x 370h mm	2	65 kg
A019/500	**€ 1560,00**	500 mm	135 / 170 mm	2	924 x 330 x 482h mm	2	70 kg
A019/1000	**€ 1840,00**	1000 mm	135 / 170 mm	2	1400 x 330 x 430h mm	2	100 kg

S051 € 31,50

MICROMETER STAND

With plastic covered jaws



Box Cast Iron

P04x

GRANITE INSPECTION PLATE

Grade 0



Wooden Box

Art.	€	Dimensions	Net weight
P040	€ 87,60	310 x 230 x 80 mm	20 kg
P042	€ 281,00	630 x 400 x 100 mm	80 kg
P043	€ 752,00	1000 x 630 x 150 mm	280 kg
P047	€ 1250,00	1200 x 800 x 160 mm	497 kg
P044	€ 2640,00	1600 x 1000 x 200 mm	1059 kg

B040-

GRANITE SURFACE STAND WITH TWO DRAWERS



Art.	€	Base dimensions	Plate Dimensions	Net weight
B040/1	€ 883,00	945 x 590 mm	1000 x 630 mm	63,5 kg
B040/2	€ 986,00	1200 x 750 mm	1200 x 800 - 1600 x 1000 mm	80 kg

S06x

GRANITE SQUARE

Grade 0



Wooden Box

876

Art.	€	Dimensions	Accuracy
S061	€ 417,00	250 x 40 x 400h mm	± 6 µm
S062	€ 589,00	400 x 100 x 635h mm	± 9 µm

S050- PRO

90° SQUARE

Suitable for checking squareness and flatness in the precision mechanical industry. With back



Steel

875/1

Art.	€	Dimensions	Stem
S050/150	€ 33,50	150 x 100 mm	25,5 x 4,8 mm²
S050/200	€ 42,60	200 x 130 mm	30.3 x 6 mm²
S050/250	€ 56,90	250 x 165 mm	35 x 7 mm²
S050/300	€ 63,30	300 x 200 mm	36 x 9 mm²
S050/400	€ 140,00	400 x 265 mm	39 x 9 mm²
S050/500	€ 168,00	500 x 330 mm	50 x 9 mm²

S051- NEW

90° SQUARE

Suitable for checking squareness and flatness in the mechanical industry. With back



Steel

Made in Germany

Art.	€	Dimensions	Stem
S051/100	€ 14,30	100 x 70 mm	20 x 5,5 mm²
S051/150	€ 16,50	150 x 100 mm	20 x 5,5 mm²
S051/200	€ 22,60	200 x 130 mm	20 x 5,5 mm²
S051/250	€ 26,10	250 x 160 mm	25 x 5,5 mm²
S051/300	€ 33,60	300 x 175 mm	25 x 5,5 mm²
S051/400	€ 37,00	400 x 200 mm	29,5 x 5,5 mm²
S051/500	€ 56,90	500 x 250 mm	29,5 x 5,5 mm²
S051/600	€ 71,50	600 x 330 mm	29,5 x 5,5 mm²
S051/750	€ 169,00	750 x 375 mm	29,5 x 5,5 mm²
S051/1000	€ 201,00	1000 x 500 mm	29,5 x 5,5 mm²

S059- NEW

90° SQUARE

Suitable for checking squareness and flatness in the mechanical industry. Without back



Steel

Made in Germany

Art.	€	Dimensions	Stem
S059/100	€ 8,30	100 x 70 mm	20 x 5,5 mm²
S059/150	€ 9,90	150 x 100 mm	20 x 5,5 mm²
S059/200	€ 11,60	200 x 130 mm	20 x 5,5 mm²
S059/250	€ 13,90	250 x 160 mm	25 x 5,5 mm²
S059/300	€ 15,90	300 x 175 mm	25 x 5,5 mm²
S059/400	€ 20,20	400 x 200 mm	29,5 x 5,5 mm²
S059/500	€ 24,10	500 x 250 mm	29,5 x 5,5 mm²
S059/600	€ 28,90	600 x 330 mm	29,5 x 5,5 mm²
S059/750	€ 49,60	750 x 375 mm	29,5 x 5,5 mm²
S059/1000	€ 72,30	1000 x 500 mm	29,5 x 5,5 mm²

S048-

STAINLESS STEEL 90° KNIFE EDGE SQUARE



DIN 875/00

Art.	€	Dimensions	Stem
S048/100	€ 35,60	100 x 70 mm	20 x 5 mm²
S048/150	€ 54,00	150 x100 mm	25 x 5 mm²

0286-

YELLOW PAINTED JOINER SQUARE



Art.	€	Dimensions
0286/250	€ 2,83	250 x 130 x 0,8 mm
0286/300	€ 3,34	300 x 130 x 0,8 mm
0286/350	€ 3,72	350 x 155 x 0,8 mm

0129- PRO

CARPENTER TRY SQUARE

With hardened black anodized aluminum blade (HRB 70) with laser engraved anti-reflective scale on both sides and elongated aluminum handle with grooved profile.



Box · Alu Aluminum · Made in Germany

Art.	€	Blade length	Blade section	Handle length	Handle section
0129/150	€ 21,10	150 mm	40 x 2 mm	130 mm	40 x 12 mm
0129/200	€ 21,50	200 mm	40 x 2 mm	130 mm	40 x 12 mm
0129/250	€ 23,00	250 mm	40 x 2 mm	145 mm	40 x 12 mm
0129/300	€ 24,60	300 mm	40 x 2 mm	145 mm	40 x 12 mm
0129/400	€ 29,60	400 mm	40 x 2 mm	170 mm	40 x 12 mm
0129/500	€ 32,30	500 mm	40 x 2 mm	170 mm	40 x 12 mm

0132- PRO

BEVEL SQUARE

Carbon steel blade, aluminum handle with grooved profile and galvanized fixing screw.



Box · Steel · Made in Germany

Art.	€	Blade length	Blade section	Handle section
0132/200	€ 20,00	200 mm	29 x 1.6 mm	30 x 11.5 mm
0132/250	€ 21,50	250 mm	29 x 1.6 mm	30 x 11.5 mm
0132/300	€ 23,40	300 mm	29 x 1.6 mm	30 x 11.5 mm

0139- PRO

MITRE SQUARE

With hardened black anodized aluminium blade (HRB 70) with laser engraved anti-reflective scale on both sides and elongated aluminium handle with grooved profile.



Box · Alu Aluminum · Made in Germany

Art.	€	Blade length	Blade section	Handle section	Angle
0139/250	€ 21,90	250 mm	40 x 2 mm	40 x 12 mm	45° / 135°
0139/300	€ 23,10	300 mm	40 x 2 mm	40 x 12 mm	45° / 135°

S056-

90° MAGNETIC SQUARE



Box

Art.	€	Dimensions	Max. magnetic force
S056/150	€ 82,30	150 x 150 x 50 mm	500 N
S056/200	€ 103,00	200 x 200 x 50 mm	1000 N

S058 € 94,80

TITLTABLE MAGNETIC SQUARE



Box

Dimensions	115 x 115 x 35 mm
Degrees	45° ÷ 90°
Max. magnetic force	250 N

S057/125 € 19,10

WELDING HOLDER



Box

Dimensions	135 x 135 x 25 mm
Magnetic force	340 N
Hold working angle	45 - 90 - 135°

S057/060S € 12,90

MINI WELDING HOLDER



4 Pcs Box

Dimensions	50 x 60 x 12,5 mm
Magnetic force	45 N
Hold working angle	45 - 90 - 135°

0212 € 8,00

FEELER



Blister

Feelers num.	20
Sizes	0,05 - 1,00 mm

FGx

FEELER GAUGE SET

Conical-shaped blades, nickel-plated case with locking nut, measurements in mm and inches on each blade.



Blister Steel

Art.	€	Feelers num.	Tolerance	Sizes	Blade length
FG01	**€ 4,42**	13	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mmm
FG02	**€ 7,50**	20	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mmm

FGx-AI

FEELER GAUGE SET, STAINLESS STEEL

Conical-shaped blades, nickel-plated case with locking nut, measurements in mm and inches on each blade.



Blister INOX

Art.	€	Feelers num.	Tolerance	Sizes	Blade length
FG01/AI	**€ 13,10**	13	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mm
FG02/AI	**€ 20,90**	20	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mm

TGx-AE

THICKNESS GAUGE FOIL

Measure in mm and inches on each blade. T2 tolerance



Blister Steel Made in Germany

Art.	€	Thickness	Length
TG001/AE	€ 60,90	0.01 mm | 0.0004"	5 m
TG002/AE	€ 47,20	0.02 mm | 0.0008"	5 m
TG003/AE	€ 26,00	0.03 mm | 0.0012"	5 m
TG004/AE	€ 27,00	0.04 mm | 0.0016"	5 m
TG005/AE	€ 18,90	0.05 mm | 0.0020"	5 m
TG006/AE	€ 18,90	0.06 mm | 0.0024"	5 m
TG007/AE	€ 18,90	0.07 mm | 0.0028"	5 m
TG008/AE	€ 18,90	0.08 mm | 0.0030"	5 m
TG009/AE	€ 18,90	0.09 mm | 0.0035"	5 m
TG010/AE	€ 18,90	0.10 mm | 0.0040"	5 m
TG012/AE	€ 18,90	0.12 mm | 0.005"	5 m
TG015/AE	€ 17,40	0.15 mm | 0.006"	5 m
TG018/AE	€ 18,90	0.18 mm | 0.007"	5 m
TG020/AE	€ 17,40	0.20 mm | 0.008"	5 m
TG025/AE	€ 17,40	0.25 mm | 0.010"	5 m
TG030/AE	€ 17,40	0.30 mm | 0.012"	5 m
TG035/AE	€ 18,90	0.35 mm | 0.014"	5 m
TG040/AE	€ 18,90	0.40 mm | 0.016"	5 m
TG045/AE	€ 18,90	0.45 mm | 0.018"	5 m
TG050/AE	€ 18,90	0.50 mm | 0.020"	5 m
TG055/AE	€ 27,00	0.55 mm | 0.022"	5 m
TG060/AE	€ 27,00	0.60 mm | 0.024"	5 m
TG065/AE	€ 27,00	0.65 mm | 0.026"	5 m
TG070/AE	€ 23,20	0.70 mm | 0.028"	5 m
TG075/AE	€ 23,20	0.75 mm | 0.030"	5 m
TG080/AE	€ 23,20	0.80 mm | 0.032"	5 m
TG085/AE	€ 23,20	0.85 mm | 0.034"	5 m
TG090/AE	€ 23,20	0.90 mm | 0.036"	5 m
TG095/AE	€ 23,20	0.95 mm | 0.038"	5 m
TG100/AE	€ 23,20	1.00 mm | 0.040"	5 m
TG110/AE	€ 17,70	1.10 mm	1 m
TG120/AE	€ 17,70	1.20 mm	1 m
TG130/AE	€ 17,70	1.30 mm	1 m
TG140/AE	€ 17,70	1.40 mm	1 m
TG150/AE	€ 17,70	1.50 mm	1 m
TG160/AE	€ 17,70	1.60 mm	1 m
TG170/AE	€ 17,70	1.70 mm	1 m
TG180/AE	€ 17,70	1.80 mm	1 m
TG190/AE	€ 17,70	1.90 mm	1 m
TG200/AE	€ 17,70	2.00 mm	1 m

C026-

PRECISION DIVIDER

With square legs



Art.	€	Length
C026/150	€ 8,80	150 mm
C026/200	€ 10,90	200 mm
C026/250	€ 14,90	250 mm
C026/300	€ 17,20	300 mm

HT125 € 7,00

HOLDER FOR FEELER GAUGE BLADES





Blister

Dimensions	125 x 17 mm

C058/52 NEW € 9,00

52 BLADE SCREW PITCH GAUGE SET



Blister

Metric size	0.25 - 6 mm 60°
Whitworth size	4 - 62 TPI 55°

C058 € 12,80

58 BLADE SCREW PITCH GAUGE SET



Blister

Metric size	0.25 - 6 mm 60°
Whitworth size	4 - 62 TPI 55°
Gas size	8 - 28 TPI 55°

C027-

PRECISION DIVIDER

With setting wings and square legs



Art.	€	Length
C027/150	€ 12,30	150 mm
C027/200	€ 14,50	200 mm
C027/250	€ 18,00	250 mm
C027/300	€ 20,00	300 mm

C028-

OUTSIDE CALIPER

For external thicknesses



Art.	€	Length
C028/150	€ 8,80	150 mm
C028/200	€ 10,90	200 mm
C028/250	€ 12,70	250 mm
C028/300	€ 14,90	300 mm

C029-

INSIDE CALIPER

For interiors



Art.	€	Length
C029/150	€ 8,80	150 mm
C029/200	€ 10,90	200 mm
C029/250	€ 12,70	250 mm
C029/300	€ 14,90	300 mm

P007-

MAGNETIC VEE BLOCK

Single or couple

Box



Art.	€	Dimensions	Width	Max. magnetic force	Pieces
P007/1	€ 112,00	70 x 60 x 72 mm	38 mm	400 N	1
P007/2	€ 144,00	100 x 70 x 95 mm	50 / 16 mm	300 N	1
P007/1C	€ 213,00	71 x 60 x 73 mm	38 mm	400 N	2
P007/2C	€ 328,00	100 x 70 x 95 mm	50 / 16 mm	300 N	2

P30x

90° BLOCK AND CLAMP

Single and couple.

Box Steel Tempered



Art.	€	Dimensions	Max clamp	Accuracy	Pieces
P301/2	€ 62,80	63,5 x 63,5 x 50 mm	ø 35 mm	±0,01 mm	1
P302/2	€ 107,00	100 x 75 x 75 mm	ø 65 mm	±0,01 mm	1
P303/2	€ 165,00	150 x 125 x 100 mm	ø 110 mm	±0,01 mm	1
P301/2C	€ 121,00	63,5 x 63,5 x 50,8 mm	ø 35 mm	±0,01 mm	2
P302/2C	€ 210,00	100 x 75 x 75 mm	ø 65 mm	±0,01 mm	2
P303/2C	€ 329,00	150 x 125 x 100 mm	ø 110 mm	±0,01 mm	2

P20x

PARALLEL VEE BLOCKS

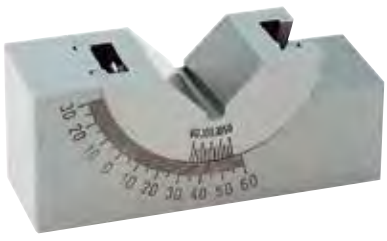


Box C45

Art.	€	Dimensions	Accuracy
P200/1	€ 229,00	75 x 75 x 60 mm	1/100 mm
P201/1	€ 304,00	100 x 80 x 60 mm	1/100 mm

P011-

ANGLE BLOCK



Box

Art.	€	Dimensions
P011/075	€ 106,00	75 x 32 x 25 mm
P011/100	€ 126,00	102 x 48 x 46 mm



F2Gx

PRECISION TAPE

With steel wire stop mechanism and riveted end hook with bottom blade protector built in shock absorber



Expositor

Art.	€	Belt dimensions	Accuracy class
F2G2	€ 3,26	2 m x 16 mm	II
F2G3	€ 3,73	3 m x 16 mm	II
F2G5	€ 5,70	5 m x 19 mm	II

F68x

MAGNETIC PRECISION TAPE

With steel wire stop mechanism and riveted end hook with bottom blade protector built in shock absorber



Expositor

Art.	€	Belt dimensions	Accuracy class
F683	€ 6,10	3 m x 19 mm	II
F685	€ 8,50	5 m x 25 mm	II
F688	€ 12,20	8 m x 25 mm	II

F80x

PRECISION TAPE

With ergonomic shape, comfortable stopper, polyester film coating, belt clip, blade extra strong. resistance to abrasions, easy to control



Expositor

Art.	€	Belt dimensions	Accuracy class
F802	€ 2,58	2 m x 16 mm	II
F803	€ 4,19	3 m x 16 mm	II
F805	€ 5,90	5 m x 19 mm	II
F808	€ 8,50	8 m x 25 mm	II

F32x

MAGNETIC PRECISION TAPE

With automatic brake and magnet



Expositor

Art.	€	Belt dimensions	Accuracy class
F322	€ 4,20	2 m x 16 mm	II
F323	€ 5,60	3 m x 19 mm	II
F325	€ 7,60	5 m x 25 mm	II
F328	€ 10,60	8 m x 25 mm	II

R0x

LONG TAPE

Made of steel



Box

Art.	€	Belt dimensions
R030	€ 25,60	30 m x 13 mm
R050	€ 39,70	50 m x 13 mm

0646/A — € 117,00

AUTOLEVELLING LASER LEVEL



Box

Leveling accuracy	0,5 mm / m
Horizontal and vertical line accuracy	± 0,5 mm / m
Battery	3 x 1,5V AA
Laser type	Classe II / 650 nm
Recommended working distance	10 m
Max height	126,5 cm
Minimum height	52,5 cm

0449 — € 23,30

MINI LASER LEVEL

With 4 vials, body in ABS and laser capable of emitting a single point or a perpendicular cross.



Box

Laser type	Classe II / 650 nm
Working range	20 m
Power	< 1 mW
Accuracy	0,05°
Battery	2 x 1,5V AAA

0666 — € 176,00

DIGITAL LEVEL WITH LASER

Measuring unit in degrees or %.



Box

Length	600 mm
Auto power off	5 min
Measuring range	0 ~ 360°
Wave length	650 nm
Reading	0,1°
Laser power	< 1 mW
Accuracy	± 0,05°
Pointing accuracy	±1 mm / m
Battery	9 V

0109 — € 48,00

DIGITAL LEVEL

Magnetic with aluminum body, automatic power off, backlight, 2 vials, inc, abs and hold funcions



Box

Length	400 mm
Auto power off	5 min
Measuring range	0 ~ 90° x 4
Reading	0° - 90°: 0,1°
Accuracy	0° - 90°: ±0,2°
Battery	2 x AAA 1,5 V

0112 — € 105,00

DIGITAL LEVEL

Magnetic with milled aluminum base, automatic power off, backlight, 2 vials, "hold function, 0° and 90° with sound, reading: absolute, ref, percent, mm/m and in/ft, carring bag.



Box

Length	600 mm
Auto power off	5 min
Measuring range	0 ~ 90° x 4
Reading	0° & 90°: 0,05°; 0° - 89°: 0,1°
Accuracy	0° & 90°: ±0,05°; 0,1° - 89,9°: ±0,2°
Battery	2 x AAA 1,5 V

L090A — € 109,00

DIGITAL LEVEL - INCLINOMETER AND GONIOMETER WITH MAGNET

0 ÷ 90° magnetic digital level on all the 4 directions, inclinometer and goniometer, function: inclination mm/m and in/ft, % of inclination, backlight, automatic power off, ABS and relative measurements and automatic digit inversion for overhead measurements, with beeper.



Box

Accuracy	± 0.15°
Measuring range	0 ÷ 90° x 4
Reading	0.05°
Dimensions	151 x 31 x 60 mm
Battery	2 x 1.5 V AAA

L080 — € 53,00

DIGITAL LEVEL BOX

0 ÷ 90° magnetic on all the 4 directions, backlight, automatic power off, ABS and relative measurements and automatic digit inversion for overhead measurements.



Blister

Accuracy	0° ± 0.1°; 90° ± 0.1°; 0.1° ÷ 89.9° ± 0.2°
Measuring range	0 ÷ 90° x 4
Reading	0.1°
Dimensions	59 × 27 × 59 mm
Battery	1 x 1.5 V AAA

L085 — € 83,60

DIGITAL LEVEL BOX

±0 ÷ 180° magnetic, automatic power off, ABS and relative measurements and automatic digit inversion for overhead measurements, hold function.



Blister

Accuracy	± 0.1°
Measuring range	0° ÷ 180°
Reading	0.1°
Dimensions	51 x 51 x 33 mm
Battery	1 x 3 V CR2032

0805/400 — € 9,10

MAGNETIC LEVEL

Heavy duty with 3 vials



Dimensions	400 x 50 x 20 mm

0824-

LEVEL

Heavy duty aluminium miled level with 3 vials



Art.	€	Dimensions
0824/300	**€ 5,60**	300 x 49 x 23 mm
0824/400	**€ 6,30**	400 x 49 x 23 mm
0824/500	**€ 7,40**	500 x 49 x 23 mm
0824/600	**€ 8,40**	600 x 49 x 23 mm

L200 — € 188,00

LINEAR LEVEL

Master precision, with v-slot s ground



Dimensions	200 x 45 x 45 mm
Accuracy	0,02 mm / m

L150 € 218,00

SQUARE LEVEL

Master precision, with 2 plane sides and 2 prismatic sides



Dimensions	150 x 38 x 150 mm
Accuracy	0,02 mm / m

G008 € 50,90

DIGITAL ANGLE FINDER AND LEVEL WITH 2 VIALS

Automatic calculation of angles and inclinations



Length	400 mm
Range	0 ÷ 225°
Reading	0,1°
Accuracy	± 0,5°
Battery	9 V - 6F22

G006-

PROTRACTOR

With locking screw, laser engraved scale



Steel Chromed

Art.	€	Arch	Beam	Range
G006/120	**€ 21,00**	Ø 80 mm	120 mm	0 ÷ 180°
G006/150	**€ 23,50**	Ø 120 mm	150 mm	0 ÷ 180°
G006/200	**€ 28,50**	Ø 150 mm	200 mm	0 ÷ 180°
G006/300	**€ 40,00**	Ø 200 mm	300 mm	0 ÷ 180°
G006/500	**€ 82,50**	Ø 300 mm	500 mm	0 ÷ 180°
G006/600	**€ 94,00**	Ø 300 mm	600 mm	0 ÷ 180°

G004- PRO NEW

PROTRACTOR

With locking screw, laser engraved scale



Alu Aluminum

Made in Germany

Art.	€	Arch	Beam	Range	Hardness
G004/120	**€ 26,50**	Ø 80 mm	120 mm	0 ÷ 180°	HRC 63
G004/150	**€ 30,50**	Ø 120 mm	150 mm	0 ÷ 180°	HRC 63
G004/200	**€ 37,50**	Ø 150 mm	200 mm	0 ÷ 180°	HRC 63
G004/300	**€ 50,00**	Ø 200 mm	300 mm	0 ÷ 180°	HRC 63
G004/500	**€ 105,00**	Ø 300 mm	500 mm	0 ÷ 180°	HRC 63

G005 € 85,30

UNIVERSAL BEVEL PROTRACTOR



Reading	5'
Range	0° ÷ 360°
Beam	300 mm

E023/5 — € 675,00

FLEXIBLE ENDOSCOPE FOR MECHANICAL USE

With probe Ø 5.5mm - wi-fi usb equipped with: 3.5 " color lcd screen with wi-fi connection to the probe - memory micro sd 2gb with sd adapter - usb port - output with usb cable - flexible probe - camera with Led lights - 45° mirror - ball direction - protection ring nut.



Carrying case

Length without handle	1000 mm
Probe	Ø 5,5 mm
Digital zoom	4 X
Depth of field	50 mm
View	60°
Rechargeable battery	Lithium

E022/5 — € 348,00

FLEXIBLE PROBE



Dimensions	Ø 5,5 mm
Length	1070 mm

E022/P — € 75,80

FLEXIBLE EXTENSION



Dimensions	Ø 18 mm
Length	2750 mm

M071 — € 393,00

STEREO MICROSCOPE



Box

Indipendent incident and transmitted illumination	12 V - 10 W
Max height of piece to check	75 mm
Power	230 V 50 Hz
Eyepieces	10x
Objectives	2x - 4x
Magnification	20x ÷ 40x

E022/12 — € 348,00

FLEXIBLE ENDOSCOPE FOR MECHANICAL USE

With probe Ø 12mm equipped with: 3.5" color lcd screen, flexible probe, camera with Led lights, you can add up to 2 extensions, magnetic terminal, terminal hook, terminal with mirror.



Carrying case

Length without handle	900 mm
Probe	Ø 12 mm
View	0° - 60°
Battery	9 V
Max depth of detecting	50 mm
Distance	2.5 cm - 30 cm
Display	3.5" LCD
Usage time	> 2hr
Working temperature	0°C – 45°C
Storage temperature	-20°C - +60°C
Dimensions	215 x 156 x 96 mm

M069 — € 556,00

STEREO MICROSCOPE



Box

Indipendent transmitted illumination	12 V - 10 W
Working range	165 mm 10x - 119 mm 20x
Power	230 V 50 Hz
Eyepieces	10x - 20x
Objectives	1x - 2x
Magnification	10x ÷ 40x

M072 — € 28,70

MAGNIFIER FOR MEASURING



Box

Magnification	10x
Field of view	24 mm
Range	0 ÷ 20 mm
Reading	0,1 mm

P080 — € 78,70

DIGITAL CLAMP METER

With LCD display. 7 operating modes: AC current, AC voltage, DC voltage, resistance, continuity, frequency, diode control. High reliability



Box

ACV	4 / 40 / 400 / 600 V ±1,5 % + 4
ACA	4 / 40 / 400 / 600 A ±1,5 % + 4
DCV	4 / 40 / 400 / 600 V ±1,0 % + 2
RES	400 Ω /4 kΩ /40 kΩ /400 kΩ /4 MΩ /40 MΩ ±1,0 % + 2
Frequency	10 MHz ±0,8 % + 2
Battery	2 x 1,5 V x AA
Storage temperature	-20°C - 60°C
Working temperature	0°C - 50°C
Dimensions	250 x 71 x 38.8 mm

P075 — PRO — € 132,00

DIGITAL CLAMP METER



Box

ACV	750 V ±1,2 %
ACA	200 - 1000 A ±2,0 %
DCV	1000 V ±1,0 %
DCA	200 - 1000 A ±2,0 %
RES	200 Ω ±1,0 %
Frequency	2k Hz ±2,5 %
Battery	9 V

0013/142 — € 1,64

CIRCUIT TESTER SCREWDRIVER

With handle in insulating material, neon light and steel blade



Range	100 ÷ 500 V
Length	142 mm

0013/185 — € 1,79

CIRCUIT TESTER SCREWDRIVER

With handle in insulating material, neon light and steel blade



Range	100 ÷ 500 V
Length	190 mm

0446 — € 14,00

BATTERY AND CHARGING SYSTEM TESTER

With Led lights that indicate the status of the battery and of the charging system. easy to use.



Battery	11,5 ÷ 12,6V
Charging system voltage range	13,2 ÷ 15,5 V
Cable length	800 mm

0029 — € 5,50

AUTOMOTIVE CIRCUIT TESTER

For the identification of the current in the wires of the cars, with voltage of 6-12-24V.



Voltage	6 - 12 - 24 V

T051 — € 18,80

POCKET DIGITAL MULTIMETER

Audible continuity and diode test



Box

DCV	2-20-200-500V ±0,5%
ACV	200-500V ±1,2%
DCA	200mA ±1,5%
RES	2K-20K-200K-2M Ω ±1%
Battery	12V

T050 — € 37,30

DIGITAL MULTIMETER

High accuracy temperature meter, audible continuity and diode test

Box

DCV	200 mV ±0,5%
DCV	2 V - 20 V - 200 V ±0,8%
DCV	1000 V ±0,1%
ACV	2mV - 20 V - 200 V ±1,0%
ACV	750 V ±1,2%
DCA	2 mA - 20 mA ±1,8%
DCA	200 mA ±2,0%
DCA	20 A ±2,0%
ACA	200 mA ±2,0%
ACA	20 A ±3,0%
RES	200 Ω ±1,0%
RES	2KΩ - 20KΩ - 200KΩ - 2MΩ ±1,0%
RES	20 MΩ ± 1.0%
RES	200 MΩ ±5.0%
CAP	2000 pF - 20 nF - 200 nF - 2 µF - 20 µF ±4%
Temperature	-40 °C ÷ 400 °C ±1,0%
Temperature	400 °C ÷ 1000 °C ±1,5%
Battery	9 V



T053 — PRO € 89,50

DIGITAL MULTIMETER

High accuracy temperature meter, audible continuity and diode test

Box

DCV	200 mV - 2 V - 20 V - 200 V - 1000 V ±0,8%
ACV	200 mV - 2 V - 20 V - 750 V ±1,2%
DCA / ACA	200 µA - 2 mA - 20 mA - 200 mA - 20 A ±2.0%
RES	200Ω - 2kΩ - 20kΩ - 200kΩ - 2MΩ - 20MΩ - 200MΩ ±1%
CAP	20 nF / 200 nF / 2 µF / 20 µF / 200 µF / 2000 µF ±2,5%
Inductance	2 mH - 20mH - 200 mH - 2 H - 20 H
Battery	9 V
Temperature	-20 °C ÷ 1000 °C
Frequency	10 mHz
hFE transistor test	0 ~ 1000



ML80A — € 81,00

LASER METER

Handy and lightweight, ideal for the measurements in construction and carpentry, functions: addition, subtraction, area and volume calculation, auto power off

Blister

IP54



Range	0,05 ÷ 80 m
Accuracy	±2 mm
Battery	3 AAA x 1,5 V

ML40 — € 60,20

LASER DISTANCE METER

Ideal for the measurements in construction and carpentry, functions: addition, subtraction, area and volume calculation, auto power off

Blister

IP54



Range	0,05 ÷ 40 m
Accuracy	± 2 mm
Battery	2 AAA x 1.5 V

T068 € 131,00

LASER POINTER INFRARED TEMPERATURE METER

Not suitable for body temperature measurement



Blister

Range	-30°C÷550 °C | -22 F÷1022 F
Accuracy	-30 °C ÷ 0 °C | -22 F ÷ 32 F ±3 % or ±3 °C
Accuracy	0 °C ÷ 100 °C | 32 F ÷ 212 F ±2 % or ±2 °C
Accuracy	> 100 °C | > 212 F ±3 % or ±3 °C
Reading	0,1 °C | 0,1 F
Emissivity	0,1 ÷ 1,0
Battery	9 V
Dimensions	146 x 80 x 38 mm
Distance/Spot size	1 : 12

T064 € 101,00

LASER POINTER INFRARED TEMPERATURE METER

High precision. Non-contact temperature measurement. Not suitable for human beings



Blister

Range	-25°C÷400 °C | -13 F÷752 F
Accuracy	-25 °C ÷ 400 °C ±(2 % + 1 °C)
Accuracy	-13 F ÷ 752 F ±(2 % +1 F)
Reading	1 °C | 2 F
Battery	9 V
Distance/Spot size	1 : 10
Sampling time	0.5 s
Emissivity pre-set	0.95

T057 € 224,00

ENVIRONMENTAL TEMPERATURE AND HUMIDITY DIGITAL TESTER

High precision, with micro-computer LSI.



Carrying case

Temperature	-10 °C ÷ +65 °C
Temperature reading	0,1° C
Temperature accuracy	±0,5 °C
Humidity	10 % ÷ 100 %
Accuracy	2 % ±1 % RH
Battery	4 x 1,5 V AA
Response time	0.4 s
Energy consumption	16 mA
Dimensions	202 x 72 x 37 mm

I002 € 327,00

INDUCTIVE MOISTURE METER FOR MEASURING HUMIDITY

Wood and building materials. With Micro-Computer LSI and crystal timer for high precision. Computer connection for data transfer. Not suitable for measuring environmental humidity.



Carrying case

Working temperature	0 °C - 40 °C
Range	0 - 80 %
Building moisture	0 - 50 %
Reading	0,1 %
Accuracy	± (0,5 % n+1)
Battery	4 x 1,5 V AA
Dimensions	165 x 62 x 26 mm

T054 € 37,30

POCKET DIGITAL TEMPERATURE METER

With environmental and immersion purpose thermocouples



Box

Reading	1° C
Range	-50°C ÷ 1100°C with not supplied probe T056/TP03, -50°C ÷ 750°C with supplied probe T056/TP02, -50°C ÷ 250°C with suppl
Accuracy	0°C ÷ 500°C ±(0,75% +1°C), 500°C ÷750°C ± (1% + 1°C),750°C ÷1000°C ± (2% + 1°C),1000°C ÷1200°C ± (4% + 3°C)
Thermocouple type	"K"
Battery	9 V

T063 € 67,40

PORTABLE DIGITAL TEMPERATURE METER

Environmental and immersion purpose thermocouples type "K", double temperature detection, with box.



Box

Range	T056/TP01: -50°C ÷ 250°C
Range	T056/TP02: -50°C ÷ 750°C
Reading	1° C
Accuracy	-50 °C ÷ 1200 °C ±(0.3 % + 2 °C)
Accuracy	1200°C ÷ 1300 °C ±(0.6 % + 2 °C)
Accuracy	-58 F ~ 1200 F ±(0.3 % + 2 F)
Accuracy	1200 F ~ 1999 F ±(0.6 % + 2 F)
Battery	9 V

T055 € 145,00

PORTABLE DIGITAL TEMPERATURE METER

Environmental and immersion purpose thermocouples type "K" with plastic box.



Box

Range	T056/TP01: -50°C ÷ 250°C
Range	T056/TP02: -50°C ÷ 750°C
Reading	0,1 F
Reading	0,1 °C
Accuracy	±(0,3% n+1.8 F)
Accuracy	±(0,3% n+1 °C)
Dimensions	178 x 68 x 39 mm
Thermocouple length	120 mm
Battery	4 x 1,5 V AA

T056/TP01 € 8,80

ENVIRONMENTAL THERMOCOUPLE "K" TYPE



Range	-50°C ÷ 250°C
Thermocouple type	"K"
Thermocouple length	2 mm

T056/TP02 € 10,80

ENVIRONMENTAL OR IMMERSION THERMOCOUPLE "K" TYPE



Range	-50°C ÷ 750°C
Thermocouple type	"K"
Total length	135 mm

T056/TP03 € 64,40

THERMOCOUPLE "K" TYPE

Environmental or immersion



Range	-50 °C ÷ 1100 °C
Thermocouple type	"K"
Thermocouple length	650 mm

F010 € 308,00

SOUND LEVEL METER

High precision, Fast, Slow Max survey mode. Computer connection for data transfer.



Carrying case

Frequency range	31,5 Hz ÷ 8 kHz
Range	30 dB ÷ 130 dB (A) | 32 dB ÷ 130 dB (C) | 35 dB ÷ 130 dB (Lineare)
Reading	0,1 dB
Functions	SL, LN, Leq (livello equivalente)
Detection characteristics	Fast, Slow , Max
Sampling time	0,1 s
Display	10 mm
Working temperature	-10 °C ÷ 40 °C
Not included batteries	4 x 1,5 V AAA
Response time	1 s
Dimensions	236 x 63 x 26 mm

A005 € 206,00

DIGITAL ANEMOMETER



Carrying case

AIR SPEED MEASUREMENT	
Measurement	m/s - Km/h - ft/min - Knots
Spindle speed	0,4 ÷ 30,0 / 1,4 ÷ 108 / 80 ÷ 5910 / 0,8 ÷ 58,3
Reading	0,1
Accuracy	± (2%+1 digit) / ± (2%+3 digits) / ± (2%+2 digits) / ± (2%+2 digits)
TEMPERATURE MEASUREMENT	
Range	0°C÷60°C | 32 F÷140 F
Reading	0,1° C | 0,1 F
Accuracy	0,5°C | 0.9 F
Battery	9 V not included

L014 € 72,00

DIGITAL LUXMETER



Carrying case

Range	0 LUX ÷ 2000 LUX ÷ 20000 LUX ÷ 50000 LUX
Reading	1 LUX
Accuracy	± 5 %
Battery	9 V

0387A NEW € 67,40

DIGITAL MULTI-FUNCTION DETECTOR

For measuring ferrous and non-ferrous metals, wood and live cables in walls, ceilings and floors.



Blister

Max depth of detecting	
Ferrous metal	100 ± 5 mm
No ferrous metal	70 ± 5 mm
Wood	20 ± 5 mm
Depth of AC	50 ± 5 mm
Battery	9 V
Dimensions	150 x 75 x 24 mm

MD01 € 118,00

METAL DETECTOR

Analogue consisting of 2 color Leds for metal recognition. Audio sensor.



Box

Coil diameter	170 mm
Jack connector	1/4"
Sensitivity	> 15 cm per una moneta di Ø 25 mm
Battery	9 V

C070 € 154,00

CONTACT AND OPTICAL TYPE DIGITAL TACHOMETER

With reflective stripes



Carrying case

Rotation laser speed	2,5 ÷ 9999,9 rpm
Rotation contact speed	0,05 ÷ 999,9 rpm
Surface speed	0,1 ÷ 999,99 m / min
Reading	0,1 (2,5 ÷ 999,9) rpm
Reading	1 (1000 ÷ 9999,9) rpm
Use distance	da 50 ÷ 60 mm a 50 ÷ 250 mm (con ottico)
Accuracy	± 0,05 % + 1 digit
Dimensions	220 x 75 x 29 mm
Battery	4 x 1,5V AA
Working temperature	0°C ÷ 40°C
Sampling time	0.8 s

C069 € 110,00

CONTACT TYPE DIGITAL TACHOMETER



Carrying case

Round speed	2,5 - 9999,9 rpm
Surface speed	0,05 - 999,99 m/min
Reading	0,1 (7,5 - 999,9) rpm
Reading	1 (1000-9999,9) rpm
Accuracy	± 0,05 % + 1 digit
Dimensions	190 x 72 x 37 mm
Battery	4 x 1,5 V AA

C067 € 110,00

PHOTO TYPE DIGITAL TACHOMETER

With reflective stripes



Carrying case

Range	2,5 ÷ 9999,9 rpm
Reading	0,1 (2,5 ÷ 999,9) rpm
Reading	1 (1000 ÷ 9999,9) rpm
Use distance	da 50 ÷ 60 mm a 50 ÷ 250 mm
Accuracy	±0.05 % of reading + 1 digit
Dimensions	170 x 72 x 37 mm
Battery	4 x 1,5V AA

0543 € 20,80

CAR EMERGENCY DIGITAL TIRE GAUGE

Suitable in emergency conditions, it can be used in 4 different ways: digital tire gauge, Led flashlight, glass breaker hammer, seat belt cutter.



Blister

Range	3÷150 psi | 0,21÷10,34 bar | 21÷1034 kPa
Working temperature	-20°C ~ + 50° C
Battery	2 AA included

0836 € 17,30

DIGITAL PRESSURE GAUGE

With tyre depth gauge and Led light.



Blister

Range	0,5÷99,5 psi 0,034÷6,86 bar, 3,45÷686 kPa
Accuracy	±1%
Battery	3 x SR44 incluse

V002 € 1080,00

VIBRATION TESTER

Equipped of magnetic probe, 2 ends, software and usb cable



Acceleration	0,1 ÷ 400 m/s2
Speed	0,01 ÷ 40 cm/s
Max offset	0,001 ÷ 4 mm
Balancing rpm	60 ÷ 99,990
Frequency	1÷20 kHz
Accuracy	± 5 %
Battery	4 x 1,5 V AA

S004 € 1490,00

ULTRASONIC THICKNESS GAUGE



Reading	4-digit LCD
Range	1,0 ÷ 225,0 mm
Accuracy	±0,1 mm
Dimensions	126 x 68 x 23 mm
Battery	2 x 1,5 V AA

0583 € 89,50

BRIX REFRACTOMETER



Carrying case

Range	0 ÷ 80 % Brix

0433 € 82,10

REFRACTOMETER

Brix, useful to check coolant oils



Carrying case

Range	0 ÷ 32% Brix

0312 € 89,50

REFRACTOMETER TO MEASURE FREEZING POINT



Carrying case

Range for coolants E	-50 °C ÷ 0 °C
Range for coolants P	-50 °C ÷ 0 °C
Range for battery liquids B	1,10 ÷ 1,40 SG
Range for cleaner liquids C	-40 ÷ 0°C

0312/AB NEW € 67,10

REFRACTOMETER FOR AUTOMOTIVE LIQUIDS WITH ADBLUE



Carrying case

Range for coolants E	-40 °C ÷ 0 °C
Range for coolants P	-50 °C ÷ 0 °C
Range for battery liquids B	1,10 ÷ 1,40 SG
AdBlue	30 ÷ 35 %

D007/A — € 78,50

SHORE "A" DUROMETER

Rubber and soft material hardness tester



Range	0 ÷ 100 A
Reading	2 A

D011/A — € 137,00

SHORE "A" DIGITAL DUROMETER

Rubber and soft material hardness tester



Range	0 ÷ 100 A
Reading	0.5 A

D011/D — € 137,00

SHORE "D" DIGITAL DUROMETER

Hard rubber and plastic material hardness tester



Range	0 ÷ 100 D
Reading	0.5 D

P013 — € 143,00

SHORE "A" DUROMETER TEST BLOCK

With variable hardness from 26ha to 88ha. test block colours: purple, brown, green, orange, red, yellow and grey. precision ±2ha



7 Pcs

D018 — PRO € 4660,00

HARDNESS TESTING MACHINE

Motorized, rockwell, brinell and vickers









Wooden Box

Test force	294,2 N / 306,5 N / 588,4 N / 612,9 N / 980,7 N / 1471 N / 1839 N; 30 kgf / 31,25 kgf / 60 kgf / 62,5 kgf / 100 kgf / 150 kgf /
Diamond cone and pyramid penetrators	n° 1+1
Steel ball penetrators	n° 3
Flat anvils	n° 2
V - anvil	n° 1
Hardness test blocks	n° 1 Brinell; n° 5 Rockwell; n° 1 Vickers
Magnification	37,5x - 75x
Max Height of tested piece	Rockwell: 175 mm; Brinell - Vickers: 145 mm

Throat depth	160 mm
Power	230 V - 50 / 60 Hz - 6 W
Durometer dimensions	525 x 240 x 730h mm
MEASURE UNITS:	
HBS	4 - 450
HRB	20 - 100
HRA	20 - 88
HRC	20 - 70
HV	200 - 1000
Net weight	70 kg

D001 € 2430,00

ROCKWELL HARDNESS TESTING MACHINE



Wooden Box

Reading	0,5 HR
Diamond and still ball penetrators	n° 1+1
Flat anvils	n° 2
V - anvil	n° 1
Hardness test blocks	n° 5 (HRC, 3xHRB, HRA)
Max Height of tested piece	170 mm
Throat depth	125 mm
Durometer dimensions	185 x 465 x 640 mm
Test force	588,4 N / 980,7 / 1471 N (60 kgf / 100 kgf / 150 kgf)
MEASURE UNITS:	
HRC	20 ÷ 70
HRB	25 ÷ 100
HRA	20 ÷ 88
Net weight	90 kg

S110 € 393,00

CONCRETE TEST HAMMER

For measuring the hardness of cement manufactured products



Test force	2.207 Nm
Spring tension	7.84 N
Swing	75 mm

S111 € 434,00

ANVIL FOR CONCRETE TEST HAMMER SETTING



R004 NEW € 2500,00

PORTABLE DIGITAL SURFACE ROUGHNESS TESTER

For measurement of roughness parameters Rz, Ra, Rq, Ry, Rt, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr, with USB 2.0 data output, large OLED display with clear reading and with backlight, comprehensive information and graphic representations, diamond tracer tip, 90°, radius 5 µm, contact power 4 mN (0.4 gf), standard acc. to ISO, DIN, ANSI, JIS, digital filter RC, PCRC, Gauss, D-T13565, data memory 2 MB + 2 GB, with built-in and rechargeable Li-Ion battery, automatic power off



Carrying case

Ra	0,005 ÷ 16 µm
Rq	0,02 ÷ 160 µm
Cut off	0,25 | 0,8 | 2,5

Accuracy	< ±10 %
Repeatability	< 6 %
Dimensions	140 x 55 x 47 mm

B031 € 23,10

HIGH ACCURACY DIGITAL POCKET SCALE

Not legal for trade



Box

Capacity	100 g
Reading	0,01 g
Weighing mode	g / dwt / tl / ct

B021 € 18,80

HIGH ACCURACY DIGITAL POCKET SCALE

Not legal for trade. tare and calibration functions



Box

Capacity	500 g
Reading	0,1 g
Weighing mode	g / dwt / gn / ct
Power	2 x 1.5 Vdc Ministilo AAA

B003/5/1 € 33,60

ELECTRONIC DIGITAL SCALE

Not legal for trade, auto power off, tare function



Box

Capacity	5 kg - 176,4 oz
Reading	1 g | 0,1 oz
Battery	2 x 1,5V AA
Dimensions	170 x 240 x 35 mm

B018 € 122,00

ELECTRONIC DIGITAL SCALE WITH DOUBLE DISPLAY

Not suitable for dealings with third parties. Equipped with 4 V 4AH battery and charger. Memory for unit values. Calculate total values.



Box

Capacity	30 kg
Reading	10 g
Platform size	340 x 230 mm
Dimensions	350 x 330 x 120 mm
Power	230V 50 Hz
Rechargeable battery	4 V 4 Ah

B004-

RECHARGEABLE ELECTRONIC DIGITAL COUNTER SCALES

Not legal for trade with 6V 4A and transformer.



Box

0561/B € 35,10

SPARE PART BATTERY

For every B004 scale

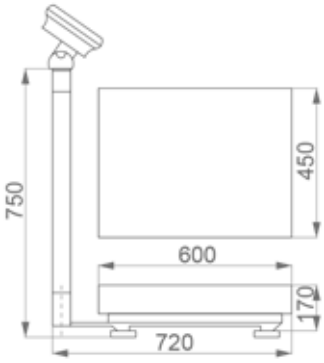


Art.	€	Capacity	Reading	Scale dimensions	Platform dimensions	Rechargeable battery
B004/7	**€ 374,00**	7,5 kg	0,2 g	350 x 340 x 105 mm	335 x 228 mm	6 V 4 Ah
B004/30	**€ 374,00**	30 kg	1 g	350 x 340 x 105 mm	335 x 228 mm	6 V 4 Ah

B004/150 — € 729,00

RECHARGEABLE ELECTRONIC DIGITAL COUNTER SCALE

Not legal for trade with 6V 4A battery and transformer.





Box

Capacity	150 kg
Reading	10 g
Rechargeable battery	6 V 4 Ah
Net weight	17 kg

D010- — NEW

DIGITAL CRANE SCALES

With cast aluminum structure, equipped with battery, charger, infrared remote control and sound signal Double unit of measurement kg / lb. With Peak, Hold, Tare, Zero and addition functions. Large fonts for easy reading. Not suitable for relations with third parties.



Box

Art.	€	Digits sizes	Capacity	Reading	Minimum weighing	Max weight	Battery	Net weight
D010/0100	**€ 567,00**	40 x 20 mm	1000 kg	0.500 kg	0.500 kg	150%	6 V 4 Ah	7,1 kg
D010/0300	**€ 683,00**	40 x 20 mm	3000 kg	1 kg	1 kg	150%	6 V 4 Ah	7,5 kg
D010/0500	**€ 798,00**	40 x 20 mm	5000 kg	2 kg	2 kg	150%	6 V 4 Ah	12,3 kg
D010/1000	**€ 998,00**	40 x 20 mm	10000 kg	5 kg	5 kg	150%	6 V 4 Ah	25,7 kg

D012- — PRO

DIGITAL CRANE SCALES

Equipped with battery, charger, remote control, back light and sound signal Double unit of measurement kg/lb. With Peak, Hold, Tare and Zero functions. Large fonts for easy reading. Not suitable for relations with third parties.



Box

Art.	€	Digits sizes	Capacity	Reading	Minimum weighing	Max weight	Rechargeable battery	Net weight
D012/0100	**€ 855,00**	40 x 20 mm	1001 kg	0,200 kg	0,200 kg	150%	6 V 10 Ah	12 kg
D012/0300	**€ 1010,00**	40 x 20 mm	3001 kg	0,500 kg	0,500 kg	150%	6 V 10 Ah	14,5 kg
D012/0500	**€ 1170,00**	40 x 20 mm	5001 kg	1 kg	1 kg	150%	6 V 10 Ah	19 kg
D012/1000	**€ 1390,00**	40 x 20 mm	10001 kg	2 kg	2 kg	150%	6 V 10 Ah	32 kg

ART	PAG
“A” drawer dividers	320
“B” drawer dividers	320
“C” drawer dividers	320
“go” screw gauge	552
“l” hex socket spanner	389
0° ÷ 90° tilting rotary table	101
1/2'' & 1/4'' dr. socket set	415
1/2'' dr. 6 point sae socket set	413
1/2'' dr. socket set	413
1/4'' & 1/2'' dr. socket set	415
1/4'' dr. 6 point sae socket set	412
1/4'' dr. drill bit holder set	213
1/4'' dr. socket set	412
1/4'' dr. spinner handle	401
1/4 shank magnetic handle	433
1/4-1/2 BSF thread repair F-coil set	227
1/4-1/2 BSW thread repair F-coil set	227
1/4-1/2 UNC thread repair F-coil set	228
1/4-1/2 UNF thread repair F-coil set	228
1\4”, 3\8”, 1\2” drive quick-release ratchets	401
10 + 1 Led magnetic work light	519
10 Pcs paper cutter blade set	457
10'' wood band saw	88
10.5” hand riveter	440
10.5” hand riveter set	440
12'' planer & thicknesser	80
12'' wood lathe	78
12V electric winch - direct current	363
12V/2-6-12A intelligent digital battery charger	365
12V/2A intelligent digital battery charger	364
12V/8A intelligent digital battery charger	364
12Vdc diesel pump	513
13 gauge seamless polyester glove/nitrile	528
1300w infrared heater with support for wall mounting	514
14'' wood band saw	88
15 gauge continuous thread glove in hi-tech technical yarn + Lycra® / Polyurethane	527
15-gauge seamless nylon-elastane glove/ nitrile foam	527
1800 w infrared heater with support for wall mounting	514

ART	PAG
2 - way cross vice	99
2 - way cross vice with swivel base	99
2 door tall cabinet	314
2 flute straight shank end mill	196
2 in 1 air stapler and brad nailer	488
2 in 1 creeper and seat	368
2 in 1 spindle moulder and spindle sander	82
2 jaw gear puller	424
2 Pcs blade set	459
2 Pcs set german type female plug	501
2 steel arms pending	373
2000w infrared heater with support for wall mounting	514
24 + 3 Led magnetic light	520
24 Led magnetic light	520
2-bit set for caliper C010/200	541
3 hole magnetic spray cans and 7 screwdrivers holder	326
3 in 1 drilling-taping-deburring tool and bit set	219
3 in 1 drilling-tapping-deburring tool	219
3 in 1 quick change drive ratchet handle	400
3 jaw gear puller	424
3 Pcs steel case set	323
3 soft jaws set	107
3 solid soft jaws set	107
3/4'' dr. socket set	414
3/8'' and 1/4'' dr. socket set	413
30 + 7 Led magnetic light	520
3-way speedy hex key wrench set	393
4 feet set	120
4 flute straight shank end mill	196
4 flute straight shank roughing end mill	196
4 jaw independent chuck	107
4 jaw self-centering chuck	108
4 positions adjustable lock wrench	444
4 soft jaws set	108
4 solid soft jaws set	108
45° bent nose pipe wrench	446
45° external tool holder	134
45° internal tool holder	137
4-way clamping system	334

ART	PAG
5 bushing set	150
5 carbide base 16mm	150
5 carbides	150
5 Pcs mill screws	150
5 rhombic bases 11mm	150
5 square bases 12mm	150
5” air angle die grinder	495
500cc hand operated lever grease gun	507
50w led floodlight with tripod	516
52 blade screw pitch gauge set	559
56 Led magnifier lamp	517
58 blade screw pitch gauge set	559
6'' air orbit sander with self-integrated suction	494
6'' air orbit sander with suction	494
6 italian and german type power socket, with overload protection and german plug	524
6 wheels car creeper	368
60L 2 motors wet and dry vacuum cleaner	348
6-12V/4A intelligent digital battery charger	364
6g “go” isometric screw gauge	552
6h “go” & “no go” isometric thread plug gauge	552
7 drawers roller cabinet	323
7 drawers roller cabinet with tools	472
7 Led pocket torch light	519
7 Pcs counterborer with solid pilot straight shank	194
8 functions combine machine	79
80L 2 motors industrial wet and dry vacuum cleaner	348
80L 3 motors industrial wet and dry vacuum cleaner	349
9” epoxy seal caul king gun	470
9” epoxy seal caulking gun 345 ml and 235 ml	470
9” heavy duty caulking gun	469
9” ratchet caul king gun barrel type	470
9” reinforced caul king gun skeleton type exagonal rod	469
90° air die grinder	493
90° bent nose pipe wrench	446
90° block and clamp	560
90° external tool holder	133
90° magnetic square	558
90° solid boring bar	138
90° square	556
90° three flutes countersink	194
90° three flutes countersink set	194
93° external tool holder	134
93° solid boring bar	138
95° external tool holder	133
95° solid boring bar	137
Abrasive belts	278
Abrasive cloth wheels	266
Abrasive nylon black cleaner	281
Abrasive nylon discs	281
Abrasive nylon wire wheels	268
Abrasive rubber blocks	288
ABS tool case	329
Adapter	403
Adapter from shaft 3mm to 6mm	264
Additional tools series for automotive in foam tray	478
Adhesive abrasive discs	270
Adjustable angle plate	104
Adjustable automatic wire stripper	463
Adjustable height roller stand	64
Adjustable height tripod	515
Adjustable lock wrench	445
Adjustable safety lanyard	529
Adjustable tailstock	102
Adjustable tap holder	219
Adjustable wrenches	388
Air belt sander	496
Air brad nailer	488
Air bradder for mini pins	489
Air clean	510
Air die grinder	493
Air die grinder set	495
Air impact wrench	490
Air impact wrench set	492
Air operated grease gun	507
Air palm nailer	489
Air ratchet wrench set	494

ART	PAG
Air stapler	488
Alluminum case set	322
Aluminium and plastic carbide tipped saw blade	239
Aluminium magnetic jaw pair	332
Aluminium magnetic jaw pair with rubber face	332
Aluminium oxide cloth belts	267
Aluminium oxide cloth wheels with hole	265
Aluminium oxide shaft-mounted cloth wheels	264
Aluminium tool case	329
Aluminum case	322
Aluminum hand torch with 1 Led and manual zoom	520
Aluminum hand truck with pneumatic wheels	371
Aluminum magnetic jaw couple	332
Aluminum nut rivet set	465
Aluminum ramps	362
Aluminum torch	519
Anatomic plastic file handle	454
Angle precision vice	96
Anti waste rolls	274
Anti-vibration mountings	125
Anti-waste sponge rolls	274
Anvil for concrete test hammer setting	573
Arbor adapter for hole saws	191
Arbor for carbide tipped masonry core drills bit hole saw	208
Arbor for milling cutter	114
Arbor for milling cutters	114
Auto re-entering cable reel	523
Auto repairing pliers set for cars zip ties	444
Auto rewind air hose reel	501
Autolevelling laser level	562
Automatic cable reel with lamp holder	523
Automatic center punch	450
Automatic diesel gun	513
Automatic lock wrench	445
Automatic precision boring head	118
Automatic snap-off utility knife blades included	455
Automatic snap-off utility knife, blades included	456

ART	PAG
Automotive circuit tester	567
Axe with fibre-glass handle	463
Backing pad	280
Backing pad for lambs wool discs	287
Backing pad with ventilation	273
Backing pads	270
Backing pads for orbital sanders	273
Backing pads with foam	273
Backing pads without foam	273
Bag set	349
Ball point colored hex key series	392
Ball point hex key set , long type	392
Ball point two way hex key with anatomic plastic handle	392
Ball point two way hex key with plastic handle	392
Base	150
Base bracket screw kit	150
Batteries for digital instruments	469
Battery and charging system tester	566
Belt and disc sander	91
Belt oil filter wrench	396
Bench chamfering machine	72
Bench grinder	67
Bench grinder safety guard with lexan screen	126
Bench grinder with belt	67
Bench grinder with brush	67
Bench lathe	24
Bench lathe stand	26
Bench lathe with variable speed inverter	24
Bench micro cleaner	346
Bench part washer	345
Bench sandblast	340
Bench sandblast cabinet	340
Bending machine	74
Bent nose diamond needle file set	452
Bent nose pliers	441
Bent nose pliers 45°	441
Bevel brushes	290
Bevel brushes with shaft	292

ART	PAG
Bevel square	557
Big brush for vacuum cleaner	349
Bi-hexagonal hand socket set in foam tray	478
Bi-metal bandsaw blade for metal	238
Bi-metal hack saw blade	460
Bimetal hole saws with variable teeth	189
Bit holder	434
Bit set	434
Blade	91
Blade adapter	91
Blade for wood	239
Blade set	74
Blades for wood	239
Blades set	91
Blind hole three point inside micrometer	549
Blind hole three point inside micrometer set	549
Block for velcro discs	274
Blow gun	496
Body harness	530
Bolt cutter	463
Bolt remover set	424
Bore gauge set with dial indicator	546
Boron carbide nozzle	344
Bottle jack	368
Bow handsaw for wood	459
Brad point woodworking drills	212
Brad point woodworking drills set	212
Brake cleaner, carburetors and throttle bodies	510
Brass steel wire wheels	268
Bricklaying trowel round nose	470
Bricklaying trowels round nose	470
Brix refractometer	571
BSF F-coil sti tap	235
BSF thread repair F-coil set	227
BSP F-coil STI 2 Pcs taps	236
BSP thread repair F-coil set	228
Bsw F-coil STI tap	235
BSW thread repair F-coil set	227
C nose automatic lock wrench	445

ART	PAG
C50 hardened steel anvil	335
Cabinet	319
Cable hoist	372
Cable reel	523
Cable wire stripper	463
Camp axe	463
Camp axe with fibre-glass handle	463
Camping lantern	521
Car emergency digital tire gauge	571
Car fuse set	468
Car ramps set	362
Carbide base left tool	150
Carbide base right tool	150
Carbide drill for granite and marble	207
Carbide rotary burrs	199
Carbide rotary file set	205
Carbide tipped dead center	121
Carbide tipped hammer twist drill and chisel set	208
Carbide tipped lath e tool set	165
Carbide tipped masonry core drill bit hole saw	208
Carbide tipped masonry core drill bit hole saw set	208
Carbide tipped pilot drill for hole cutters for masonry	208
Carbide tipped router bit set	213
Carbide tipped sds plus shank type hammer twist drill	207
Carbide tipped tool for blind holes	166
Carbide tipped tool for cutting off	166
Carbide tipped tool for external thread	165
Carbide tipped tool for facing	166
Carbide tipped tool for internal slots	166
Carbide tipped tool for internal thread	165
Carbide tipped tool for outside roughing	166
Carbon steel nut rivet set	465
Carpenter pincer	444
Carpenter try square	557
Cart with wooden shelf	371
Cartridge rolls	277
Carving chisel set	451
Carving knife set	459

ART	PAG
Cast iron anvil	335
CBN wheel	71
Center drill	179
Center drill set	179
Center punch	449
Centrifugal expanding wheel	268
Ceramic belts	267
Ceramic flap disc classic	261
Ceramic flap disc raptor	262
Ceramic mini flap disc	263
Ceramic nozzle set	344
Chain hoist	372
Chain slings	373
Chipping hammer	447
Chisel for metal	449
Chisel set for metal	450
Chisel set for wood	451
Chromed metal jointed tube for refrigerating liquids	126
Chromed outside micrometer	548
Chromed vernier caliper	538
Chromed verniere depth gauge	540
Chuck for lathe	108
Chuck holder	119
Chuck holder tiltable	119
Circlip pliers	443
Circuit tester screwdriver	566
Circular brushes	289
Circular brushes with shaft	291
Circular saw bench	83
Cla w hammer	446
Clamping kit	105
Clamping set	105
Claw hammer italian type	447
Co-ax indicator	547
COB +1 Led Pocket torch light with magnet	519
Cob Led technology rechargeable lamp	521
Cobalt cylindrical twist drill	176
Cobalt twist drill set	176
Cold galvanizer	508

ART	PAG
Collet chuck	112
Colored torx key series	394
Combination pliers	440
Combination spanner	385
Combination spanner set	383
Combination spanner set in foam tray	476
Combined bench grinder	66
Combined planer and thicknesser	80
Composite nozzle	344
Concrete test hammer	573
Conical felt disc	285
Connecting plate and screw assortment	467
Contact and optical type digital tachometer	570
Contact type digital tachometer	571
Cooling hose	125
Copper grease	509
Copper tube bender	76
Copper tube cutter	462
Copper washer set	465
Copy device for wood lathe	77
Core drill with weldon shank	181
Corner for workshop modular furnitures	310
Corner slides	317
Corrugated discs	286
Cotter pin set	465
Counterborer with solid pilot straight shank medium type	193
Countersink set with hex shank	194
Countersink with hex shank	194
Couple jack stand	360
Couple of supports	120
Cow grain leather glove	525
Cow grain/split leather glove	525
Crimping plier and wire stripper	443
Crimping pliers for end sleeves terminals	443
Cross bits PH	437
Cross bits PH anti slip	437
Cross bits PZ	437
Cross bits PZ anti slip	437
Cross feed motor	125

ART	PAG
Cross rim wrench	397
Cross screwdriver ph with diamond tip	427
Cross screwdriver PH, hanging package	428
Cross screwdriver PZ with diamond tip	428
Cross screwdriver PZ, hanging package	429
Cross working table	103
Crosstip screwdriver set in foam tray	477
Crosstip screwdriver set with diamond tip in foam tray	478
Crystal lens	518
Crystal lens set	518
Cup brushes	289
Cup brushes with shaft	292
Cut-off machine	64
Cutter head set for machine	213
Cutter holders	460
Cutting band saw	63
Cutting inserts	164
Cutting oil	510
Cyclone filter	344
Cyclone for Sand blast cabinet	342
Dead blow mallet	448
Dead blow nylon mallet	448
Dead blow rubber mallet	448
Deburring set with blades	457
Deburring tool with 1 blade	457
Deburring tool with 2 blade	457
Deep 12 point hand socket	408
Deep 6 point hand socket	402
Deep impact hex socket set with plastic sleeve	421
Deep impact socket	416
Degreaser cleaning pneumatic tank	346
Degreaser cleaning tank	346
Degreaser cleaning tank with wheel	346
De-oxidizing agent for electric contacts	510
Depth micrometer	550
Detachable cross rim wrench	397
Detergent and hygienizer for filters and lamellar packs	524
Detergent liquid	347

ART	PAG
Diagonal side cutting nippers	441
Dial depth gauge	547
Dial gauge stand	555
Dial indicator	544
Dial indicator holder	553
Dial inside gauge	546
Dial test indicator	545
Dial test indicator with long contact point	545
Dial thickness gauge	546
diamond core drill bit set	211
Diamond cup wheel	305
Diamond cut rotary burrs	198
Diamond drill bit and core drill with continuos edge set	209
Diamond drill bit set with continuos edge	211
Diamond drill bits and core drills with continuous edge	209
Diamond drill bits with continuos edge	210
Diamond flat file	453
Diamond mounted point and disc set	211
Diamond mounted point set	211
Diamond needle file set	452
Diamond saw blades continuous rim	303
Diamond tip screwdriver set	428
Diamond wheel	71
Die gas thread	220
Digital anemometer	570
Digital angle finder and level with 2 vials	564
Digital clamp meter	566
Digital crane scales	575
Digital dial thickness gauge	546
Digital hot air gun set	504
Digital level	563
Digital level - inclinometer and goniometer with magnet	563
Digital level box	563
Digital level with laser	562
Digital luxmeter	570
Digital multi-function detector	570
Digital multimeter	567
Digital pressure gauge	571

ART	PAG
Digital torque meter	398
Digital torque screwdriver	398
Digital tyre gauge	497
Disc micrometer	549
Disc type gear shaper cutter	206
Disk blade set	458
Disposable earplugs in polyurethane foam	531
Divider for dot marking machine	351
Divider kit for modular drawer unit	322
Dividing plates for rotary table	101
Dome mops	287
Door cabinet	314
Double deburrer with HSS disk blade	458
Double ended hexagon/bi-hex socket wrenches	389
Double ended hexagon/bi-hex socket wrenches set	389
Double hand nut riveter	439
Double hand riveter	439
Double hand riveter with rotating head	439
Double head screwdriver bit set	432
Double head socket wrench set	389
Double joint long plier set	440
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GENERAL CONDITIONS OF SALE

1. GENERAL REGULATIONS

Fervi SpA is a company that markets its own products such as machine tools, accessories, measurement instruments and products generically called hardware items.
The general conditions of sale, reported below, are undertaken by Fervi SpA and are considered valid for any order received and to be applied to all sales of products by the same.
Fervi reserves the right to modify these general conditions of sale at any time and without prior notice. Any amendments, exemptions and/or particular conditions in regards to these clauses deriving from the Client shall not be in any way binding for Fervi unless expressly agreed in writing and duly signed by both parties.

2. DEFINITIONS

For the purposes of these general conditions of the contract of sale (hereinafter referred to as "Conditions of Sale"), the following terms are understood as follows:

- "Fervi/The Vendor": Fervi SpA;
- "Client(s)/Purchaser(s)": any company, body or registered entity that purchases Fervi products;
- "Product(s)": the goods produced, assembled, sold and/or distributed by Fervi;
- "Order(s)": each and any written request and/or offer of purchase of the products forwarded from the Client to Fervi by fax, email, sales representative or by any other means recognised by Fervi;
- "Sale(s)": each contract of sale concluded by Fervi and the Client, also through a sales representative;
- "Goods": quantity and type of product contained in the Client order;
- "Catalogue": illustrative volume of the Fervi products;
- "Returns": all products and goods returned by means of the procedure provided by Fervi
- "Trademark(s)": all of the trademarks of which Fervi is owner, title holder and/or licensee;
- "Intellectual Property Rights": all intellectual and industrial property right of Fervi including, without any limitation, the rights pertaining to licences for inventions, drawings or models, utility models, trademarks, logos, knowhow, technical specifications, data, whether registered rights or not, in addition to any application or registration relative to said right and every other right or form of protection of a similar nature or having an equivalent effect.

3. PRODUCTS AND MODIFICATIONS

The weights, dimensions, prices, colours and any other characteristic and date even of a figurative nature inserted in the catalogue, price lists, brochures, illustrations, flyers, offers, advertising material in general and/or other illustrative documents by Fervi, are approximate indications and are not in any case binding for Fervi.
The Vendor reserves the right to vary its products' technical or manufacturing data at any time and without prior notice and to perform any modifications considered necessary.
The Vendor is not required to make modifications that have subsequently been agreed upon to an order should the products have been already produced or be in the process of production.
The type of products and their availability may vary at any time without this incurring any liability for Fervi.
Any modification to the products by Fervi does not give the client grounds to file complaints in any case.

4. PRICES

The price is expressed in Euros and the price for each individual product is indicated in the catalogue and/or on the Fervi website; it is merely indicative and can therefore be subject to change without prior notification to the client.
In the event of promotional offers by Fervi, the price will be that indicated in these offers and may be subject to change for certain products, where specified.
Unless agreed otherwise in writing between the parties, the goods will be invoiced at the prices applicable at the time of the order.
The prices are net of VAT, taxes, tolls, customs and tax charges or any type arising from the contract which are the exclusive responsibility of the Client.
The cost of packaging is included in the price while shipping costs are always excluded.

5. ORDERS

These conditions of sale are read and approved by the Client upon the submission of the order, which is in any case received by Fervi with the clause "Subject to Company Approval."
The order must be defined in all its parts and all of the technical and administrative indications must be completed, including any tax relief. The item code and the relative quantities must be specified.
The minimum order quantities for each item are indicated in the catalogue/website.
Orders that do not correspond to this, or multiples of these amounts, will be automatically adjusted by Fervi without prior client authorisation.
Unless otherwise agreed in writing between the parties, the order is deemed irrevocable pursuant to and in accordance with Article 1331 of the Italian Civil Code.
Fervi reserves the right, at its sole discretion, to refuse or accept, in whole or in part, any variations to the order proposed by the purchaser after the submission of the order.
Fervi confirms that the client is prohibited from unilaterally withdrawing from an order and sale. In the event that the client withdraws from the order confirmed by Fervi, the client is liable in any case for the full amount of the goods.

6. ORDER ACCEPTANCE/CONFIRMATION

Upon submission of the order, the client remains committed to the prices and conditions indicated in the catalogue applicable at the time of the order.
Fervi can accept the order by shipping the goods pursuant to Article 1327 of the Italian Civil Code, without any obligation to notify the client, notwithstanding the provision in the 2nd paragraph of the aforementioned article. Fervi has the right, following the acceptance of the order, if deemed appropriate, to send the client an order confirmation by way of acceptance.

7. PARTIAL PROCESSING OF THE ORDER

Fervi reserves the right to process the order in full or in part or in various batches, taking into account the availability of products, without guaranteeing the final balance.
The remaining products will be sent to the Client, based on Fervi's availability, in accordance with the terms and conditions agreed upon by the parties in writing.

8. RETURNS

The Client is required to inform Fervi (fax: +39 059 763 037; email:assistenza@fervi.com) if the goods are returned within 8 days of receipt.
Fervi shall accept any return of goods only if approved and authorised in advance by the vendor in writing and the relative costs are fully incurred of the client.
In any case the reason for the return, the authorisation number received and the purchase invoice must be specifically indicated in the accompanying document.
The goods must be returned in their original packaging.
Unauthorised returns or returns performed using different methods from those agreed upon will not be accepted by Fervi and will be returned to the clients at their own expense.
Damaged, altered and/or modified products will not be accepted.
The aforementioned returns must be sent to Fervi SpA, Via del Commercio No. 81, 41058 Vignola (MO) Italy.

9. CLAIMS/COMPLAINTS/NON-COMPLIANT PRODUCTS

The client, through the people assigned to receive the goods, is required to check the goods, the state of the packaging or any other faults that are evident at the time of delivery in the presence of the transporter in addition to verifying the integrity of the parcels delivered and their corresponding number.
If the packaging is damaged, goods are missing or other faults are detected, the purchaser is required to file a claim in writing with the transporter immediately upon receipt of the goods at the designated space provided on the transporter slip, specifying the grounds for the claim.
The aforementioned slip, duly signed with a legible signature, must be delivered directly to the transporter.
Upon completion of the aforementioned procedure, the client is required to inform the vendor about problems in writing by fax or email, upon penalty of expiry, within 4 days from the date of receipt of the goods, indicating the order number and the date of receipt of the goods.
Any complaints regarding defects that cannot be identified through a diligent check upon receipt of the goods (visible faults) must be reported in writing to the vendor by fax or email, under penalty of expiry, within 15 days from the date the fault is discovered and, in any case, no later than twelve months from the date of receipt of the goods.
The complaint must, in any case, specify the fault encountered, the products to which it refers and the details of the purchase invoice.
If the products delivered do not comply with the order, the purchaser is required to inform the vendor, in writing, under penalty of expiry, within 8 days from the date of receipt of the goods in order to arrange the replacement.
The goods returned must be accompanied by the corresponding delivery slip with the words "goods non-compliant with order".
The return of the goods to Fervi by the purchaser, regardless of the reason, is in any case subject to written authorisation by the vendor, which will report the return method and schedule.
The goods must be returned in their original packaging, accompanied by the authorisation number received from Fervi.
Any complaints and/or disputes do not give the purchaser the right to suspend or, in any way, delay payment of the products that are the subject of the complaint and/

or dispute or other supplies.
Unauthorised returns and/or returns carried out in a method that differs to those agreed will not be accepted by Fervi and the goods will be returned to the client at the client's expense.
Product returns will not be accepted if products have been tampered with, altered, modified or are old or no longer offered by Fervi.
If the claim is not submitted in accordance with the methods and timeframes specified above, the products shall be considered compliant with those ordered by the client and the client is required to pay for the goods.

10. PAYMENT CONDITIONS/OWNERSHIP OF GOODS

Payments must be made in accordance with the methods and under the terms indicated in the invoice issued by Fervi.
The purchaser is not required to authorise any deduction or modification to the price, unless previously agreed upon in writing with the vendor.
The purchaser shall acquire ownership of the goods only upon full payment of the invoice issued by the vendor. The purchaser will, however, assume all risks pertaining to it at the time of delivery to the courier.
In the case of late payments, the vendor shall unilaterally modify the terms of any other supply and/or suspend execution until obtaining the appropriate guarantee of payment (i.e. surety or bank guarantee).

11. SHIPPING AND TRANSPORT

The client is solely responsible for shipping and transportation costs.
Fervi reserves the right to choose the carrier, to whom Fervi is not required to report the value of the goods. If the client intends to insure the shipment, it is required to expressly request this insurance upon placing the order, assuming payment of all relative charges.
The transfer of risk for the goods takes place upon their delivery to the carrier: consequently the goods always travel at the full risk and peril of the client, even in the event of carriage paid by Fervi.
Shipping of the goods, as well as any order confirmation is subject to a minimum order of €1000. If the client purchases goods directly from the sales desk at the Fervi Distribution Centre, the minimum order amount is reduced to €500. Direct shipping to Client's Customers is excluded.

12. DELIVERY TERMS

Any terms to process the order, where provided, are calculated for business days and are understood in any case as purely indicative, not mandatory or legally binding for Fervi.
Therefore, in consideration of the purely indicative nature of the terms indicated above, Fervi is not liable for damages caused directly or indirectly by the delayed execution or delayed or non-delivery of the goods.
Fervi shall not in any case be held liable for delayed or non-delivery resulting from acts of God or force majeure.

13. PRODUCT GUARANTEE/TECHNICAL COMPLIANCE

All Fervi products are covered by a manufacturer's guarantee and have all the certifications and technical compliance certificates required by law.
This guarantee is time-specific and applies to the specific product sold, excluding any other service such as any indemnity and/or compensation. This guarantee shall be applied to the product that has compliance issues and/or malfunctions not detected at the time of purchase, provided that said product is used correctly, with due diligence and with respect for its uses provided in any technical documentation, with strict compliance with the utility function as described in the manuals.
The aforementioned guarantee shall not, however, be applicable in the case of negligence or negligent product use and maintenance. In all cases, Fervi cannot be held liable for the use, applications and/or operations of the product by the client or assistant in the event of use for purposes other than and not related to those set forth in the catalogue and/or in the instructions for use/technical manual.

14. REPAIRS/TECHNICAL INTERVENTIONS/ASSISTANCE

Fervi also carries out technical assistance and repair centre services for its products.
Clients requiring interventions are required to submit their intervention request to Fervi in writing by fax or email, expressly indicating the reason for the request, the product type, the date of purchase and any other information necessary for the purpose of determining the intervention methods.
Fervi's assistance department, having examined the request, shall inform the client about the intervention to be conducted and the corresponding timeframes.
The intervention costs shall be calculated following receipt of the request and may vary based on whether the product has a valid guarantee or not.
The guarantee is effective on the date indicated on the purchase invoice. The requesting party is required to provide proof of guarantee by submitting the purchase document.
Fervi shall provide an estimate of the repair costs if the guarantee does not apply; if the guarantee is applicable, Fervi is liable for the intervention costs.
In any case, intervention is subjected to authorisation by Fervi: the client, therefore, may not send the material without Fervi's prior acceptance unless accepting the risk of incurring return costs.
The goods shall be returned by the clients at the Fervi warehouse at their own costs.

15. CHANGE TO CLIENT OWNERSHIP CONDITIONS

Fervi shall have the right to withdraw from the contract, in addition to suspending fulfilment of the obligations deriving from the sale of the products, at no charge if it becomes aware of any changes to the ownership conditions that put the products' performance at serious risk unless a suitable guarantee is provided. Fervi has this right if it becomes aware, for example and without this list being exhaustive, of a dishonoured checks or bills, or the initiation of legal, summary, ordinary or insolvency proceedings, including in tort proceedings, filed by the client.

16. INTELLECTUAL PROPERTY RIGHTS

The intellectual property rights are the complete and exclusive property of Fervi and their communication or use in connection with the Conditions of Sale does not result in any right or claim for the client.
The client is required in all cases to refrain from performing any act that is not in line with ownership of the intellectual property rights.
The client hereby declares that: Fervi is the exclusive owner of the intellectual property rights; the client shall refrain from using and registering trademarks that are similar to and/or could be confused with the trademarks that Fervi owns and/or holds the licence for; said client shall use the trademarks exclusively in compliance with Fervi instructions and exclusively for the purposes contained in these Conditions of Sale.
In all cases, the Fervi's products catalogue is, for all intents and purposes, protected by the copyright laws and, therefore, any reproduction and/or use not expressly authorised in writing is prohibited.

17. APPLICABLE LAW AND COMPETENT COURT

This contract is regulated by Italian law and for any dispute regarding its validity, interpretation or execution, the client accepts the jurisdiction of the Italian state and, in any case, the application of the Italian law in effect at the moment the dispute arises, in addition to the applicable norms on sales regulated by articles 1470 and the following of the Italian Civil Code. Any dispute arising involving the interpretation, application, execution, termination of the contract and/or these general conditions of contract, or in any way related thereof, shall be under the exclusive jurisdiction of the Court of Modena.

18. PERSONAL DATA PROCESSING

Fervi guarantees that the data provided on this contract shall be processed with the utmost confidentiality and in full respect for the regulations in effect on the protection of personal data (Legislative Decree of 30 June 2003, No. 196). In any case, processing this data follows the principles of correctness, lawfulness and transparency. All data is processed by Fervi, the data controller, in order to send the catalogue (considered pre-contractual activity), acquire, manage and process orders for the post-contractual activities and comply with the administrative, legal and tax obligations and requirements.
Data processing can be carried out both in hardcopy and through automated methods and instruments, located in and outside Italy and with electronic tools at the data controller's offices. Upon submitting the purchase order, the client is required to provide the data for administrative, legal and tax purposes and requirements.
Any refusal to provide the data will hinder the order processing. The data will not be circulated but may be distributed to Fervi employees, partners and consultants, parties who are legally permitted to accept them based on legal provisions, regulations and EU regulations and, as strictly necessary, share them with subjects that, for the purposes indicated herein, need to supply goods and/or perform services in relation to Fervi services or work. The data may be transferred to European Union countries and third party countries within the scope indicated above.
At any time, the client may exercise the rights pursuant to article 7 of the Legislative Decree No. 196/2003 or access personal data in order to learn about the use of said data, request a cancellation, correction, modification, update or integration or object to the processing by writing by sending notice to the Fervi offices at Via del Commercio No. 81, 41058, Vignola (Mo).

**WARNING - ALWAYS CHECK THE INTEGRITY OF THE PARCELS AT THE TIME OF RECEIPT.
IN THE EVENT OF DAMAGE, INCLUDE AN INTELLIGIBLE CLAIM ON OUR DELIVERY SLIP OR INVOICE.
FERVI SpA CANNOT BE HELD LIABLE FOR ANY DAMAGES CAUSED DURING TRANSPORT.**