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FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)



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PROFESSIONAL LATHE

T095F30



T095F20



T095F



T095F10



T094F30



T094F20



T094F



T094F10



T085F30



T085F20



T085F



T085F10



T080F20



T080F



T080F10



T076/400V3A



T075I



T075/400V3A



T074/400V3A



T070/400V3A15



T070/400VI3A



T070/400V3A



T069/...



T998/400V...



T998/230V3A



T997/400V...

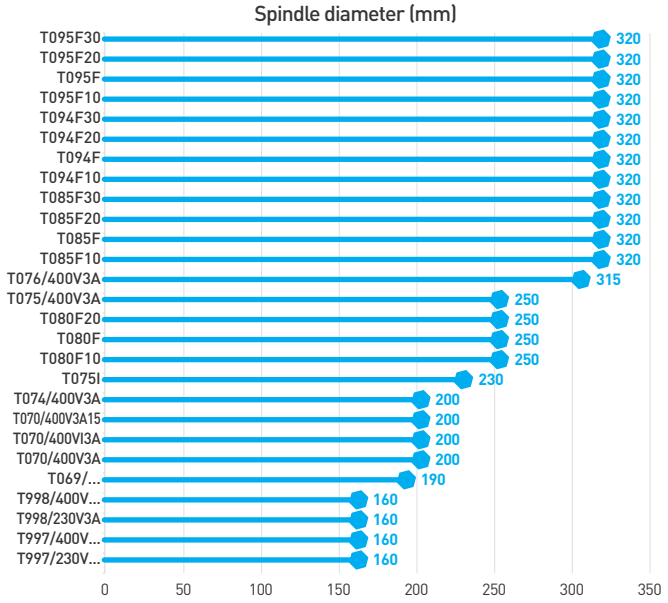


T997/230V...

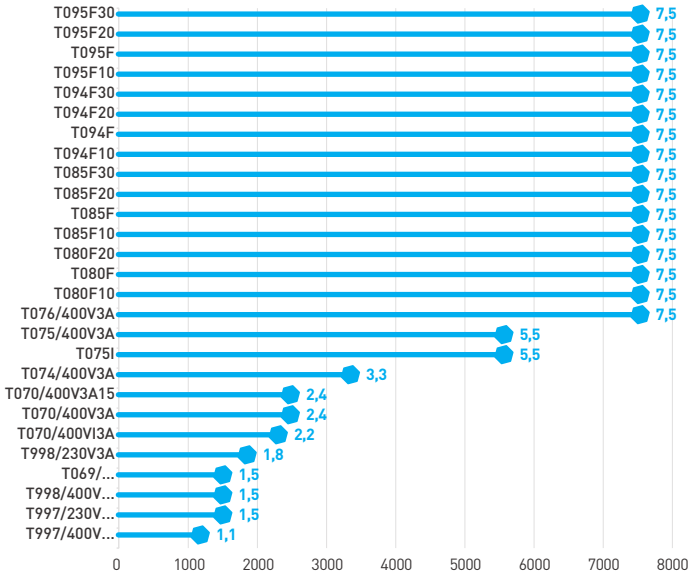


PROFESSIONAL LATHE

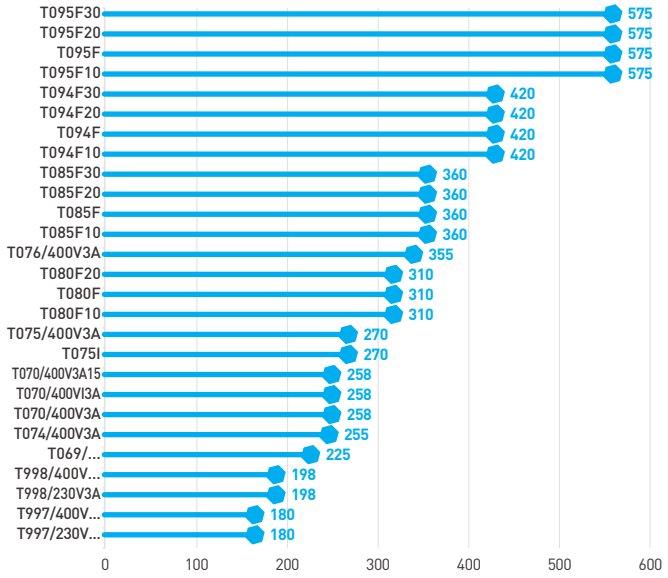
Spindle diameter (mm)



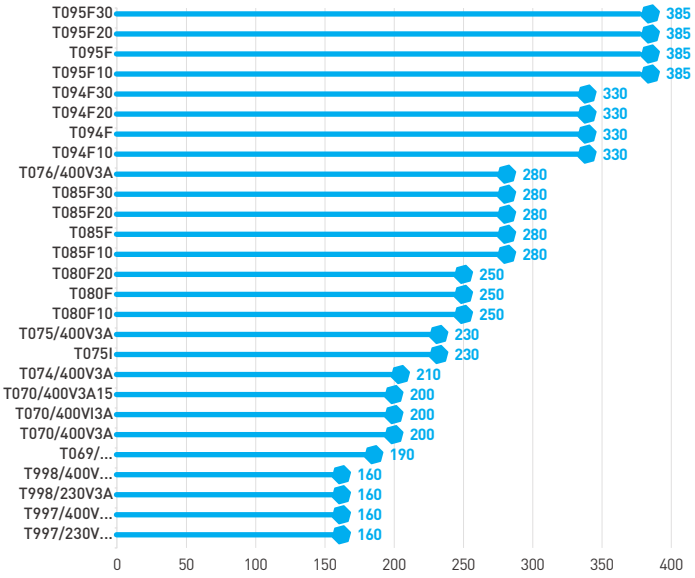
Power (kW)



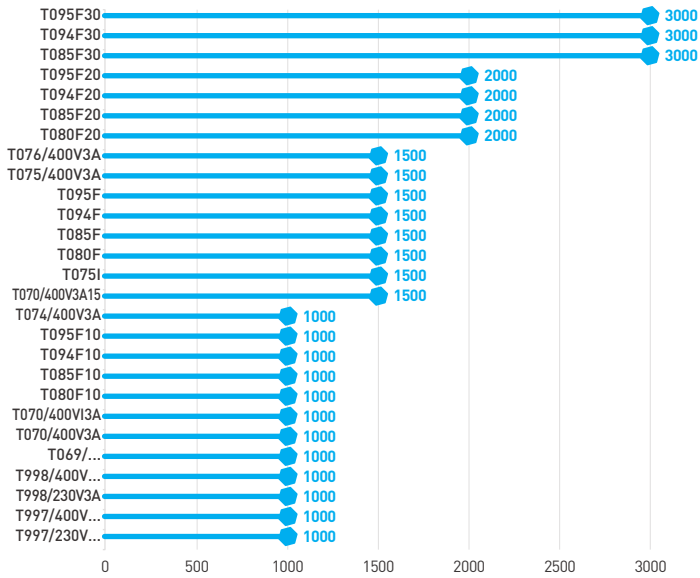
Max swing over the cross slide (mm)



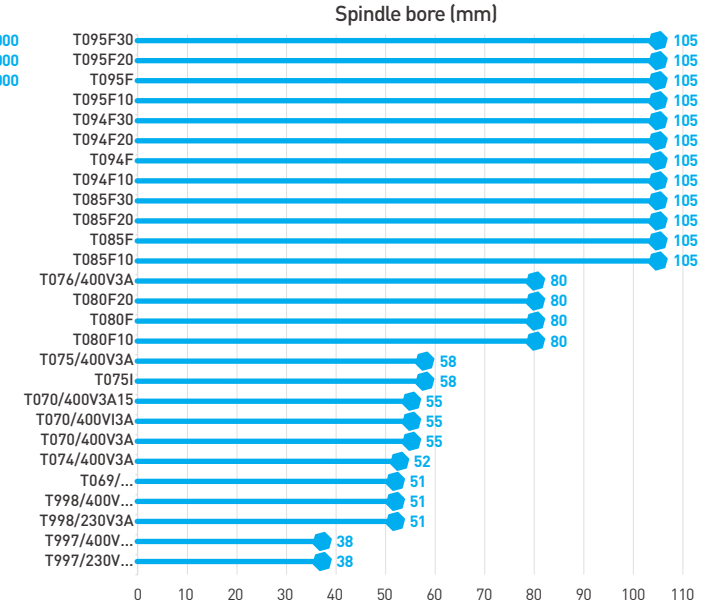
Centers height (mm)



Distance between centers (mm)



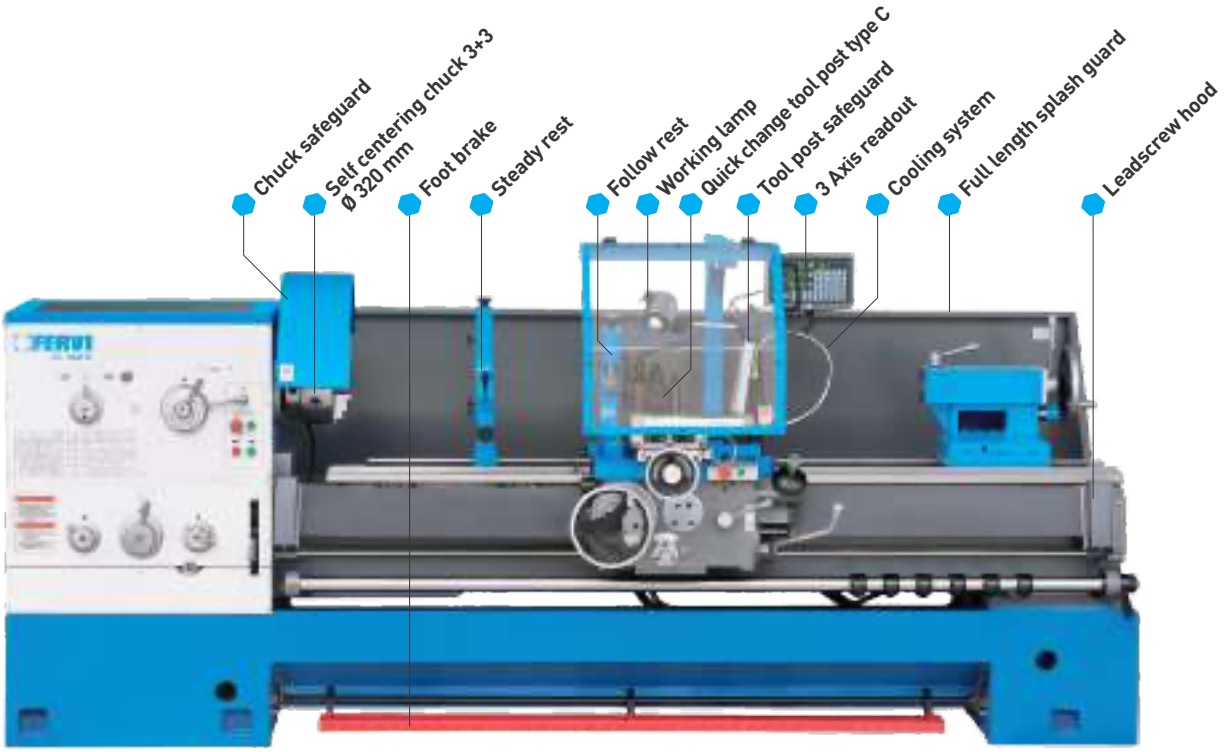
Spindle bore (mm)



T095Fx

GEAR HEAD LATHE WITH READOUT

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



INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 320 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

Art.	T095F10	T095F	T095F20	T095F30
Centers height	385 mm	385 mm	385 mm	385 mm
Max swing over the bed	770 mm	770 mm	770 mm	770 mm
Max swing over the cross slide	575 mm	575 mm	575 mm	575 mm
Max swing over the gap	1050 mm	1050 mm	1050 mm	1050 mm
Tool height	32 mm	32 mm	32 mm	32 mm
Distance between centers	1000 mm	1500 mm	2000 mm	3000 mm
Spindle bore	105 mm	105 mm	105 mm	105 mm
Spindle nose Camlock	Camlock D1-8	Camlock D1-8	Camlock D1-8	Camlock D1-8
Spindle speed	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev
Cross feeds	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev
Metric threads	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm
Inch threads	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI
Tailstock taper MT	5	5	5	5
Motor	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW
Cooling pump	400 V 50 Hz 90 W	400 V 50 Hz 90 W	400 V 50 Hz 90 W	400 V 50 Hz 90 W
Dimensions	2500 x 1550 x 1700 mm	3000 x 1550 x 1700 mm	3500 x 1550 x 1700 mm	4500 x 1550 x 1700 mm
Net weight	3250 kg	3560 kg	3950 kg	4050 kg

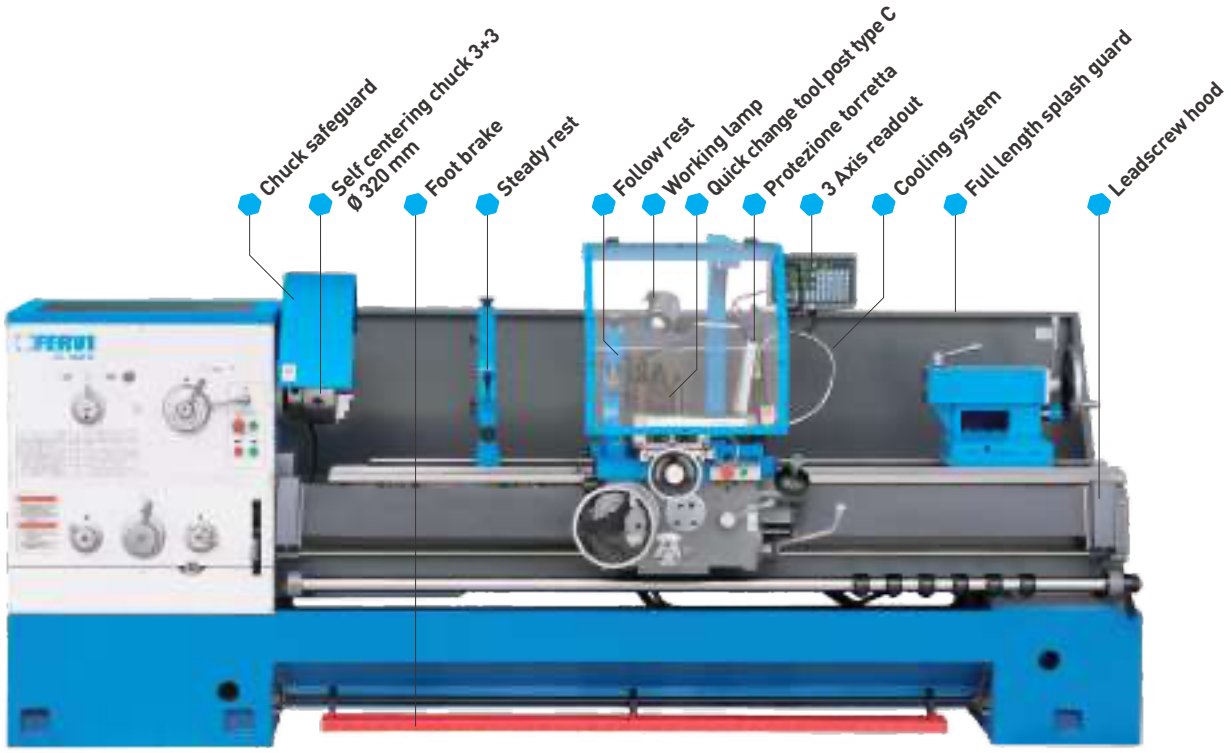





T094Fx

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.



INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 320 mm
- 4 indipendent jaw chuck Ø 400 mm
- Face plate Ø 600 mm
- Follow rest
- Follow 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

Art.	T094F10	T094F	F094F20	T094F30
Centers height	330 mm	330 mm	330 mm	330 mm
Max swing over the bed	660 mm	660 mm	660 mm	660 mm
Max swing over the cross slide	420 mm	420 mm	420 mm	420 mm
Max swing over the gap	870 mm	870 mm	870 mm	870 mm
Tool height	32 mm	32 mm	32 mm	32 mm
Distance between centers	2000 mm	3000 mm	1000 mm	1500 mm
Spindle bore	105 mm	105 mm	105 mm	105 mm
Spindle nose Camlock	Camlock D1-8	Camlock D1-8	Camlock D1-8	Camlock D1-8
Spindle speed	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev
Cross feeds	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev
Metric threads	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm
Inch threads	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI
Tailstock taper MT	5	5	5	5
Motor	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW
Cooling pump	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W
Dimensions	3500 x 1400 x 1600 mm	4500 x 1400 x 1600 mm	2500 x 1400 x 1600 mm	3000 x 1400 x 1600 mm
Net weight	3700 kg	3820 kg	3040 kg	3330 kg

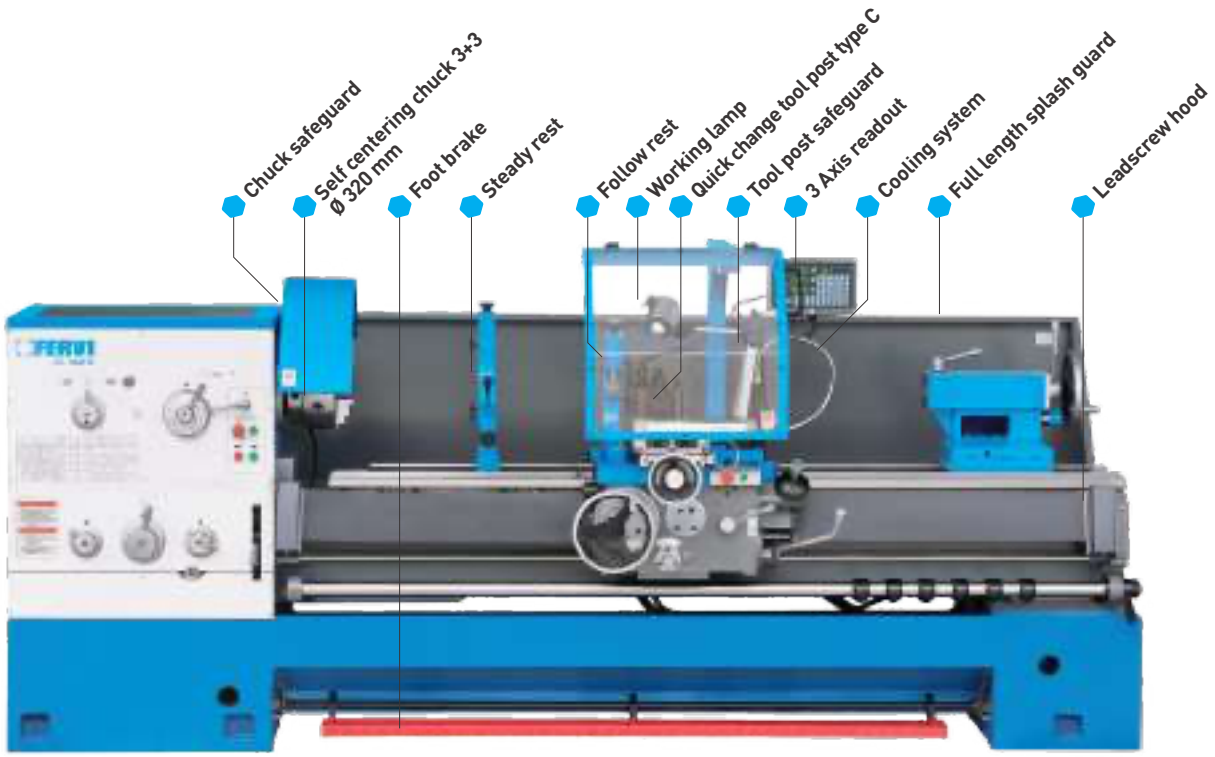





T085Fx

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.



INCLUDED ACCESSORIES

- 3 reversible jaw self centering chuck Ø 320 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

Art.	T085F10	T085F	T085F20	T085F30
Centers height	280 mm	280 mm	280 mm	280 mm
Max swing over the bed	560 mm	560 mm	560 mm	560 mm
Max swing over the cross slide	360 mm	360 mm	360 mm	360 mm
Max swing over the gap	770 mm	770 mm	770 mm	770 mm
Tool height	32 mm	32 mm	32 mm	32 mm
Distance between centers	1000 mm	1500 mm	2000 mm	3000 mm
Spindle bore	105 mm	105 mm	105 mm	105 mm
Spindle nose Camlock	Camlock D1-8	Camlock D1-8	Camlock D1-8	Camlock D1-8
Spindle speed	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev
Cross feeds	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev
Metric threads	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm
Inch threads	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI
Tailstock taper MT	5	5	5	5
Motor	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW	400 V 50 Hz 7,5 kW
Cooling pump	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W	400 V 50/60 Hz 90 W
Dimensions	2500 x 1400 x 1500 mm	3000 x 1400 x 1500 mm	3500 x 1400 x 1500 mm	4500 x 1400 x 1500 mm
Net weight	2920 kg	3210 kg	3580 kg	3700 kg

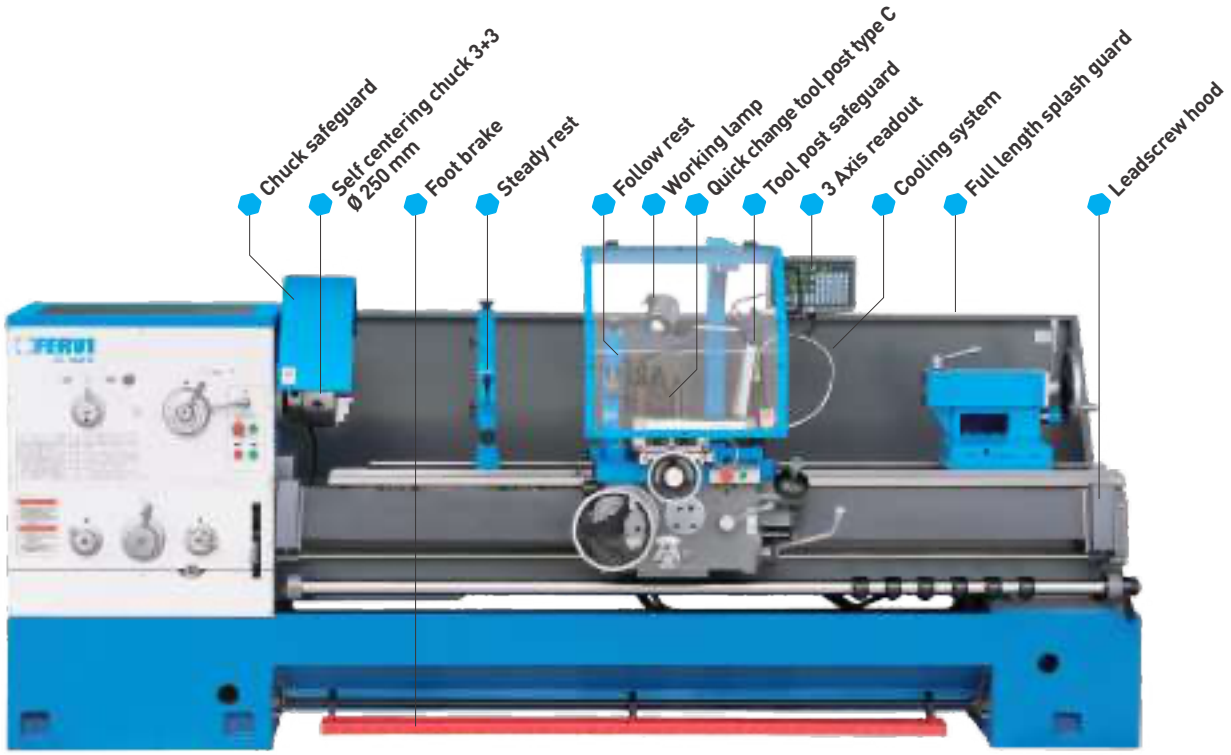





T080Fx

GEAR HEAD LATHE WITH READ OUT

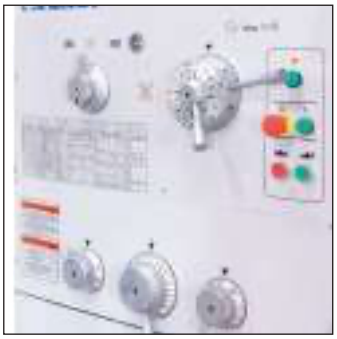
With mechanical spindle clutch and 3 axis read out, semi norton gear box. Equipped with a joystick for the insertion of rapid advances.
With cast iron monobloc base.



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

Art.	T080F10	T080F	T080F20
Centers height	250 mm	250 mm	250 mm
Max swing over the bed	500 mm	500 mm	500 mm
Max swing over the cross slide	310 mm	310 mm	310 mm
Max swing over the gap	720 mm	720 mm	720 mm
Tool height	32 mm	32 mm	32 mm
Distance between centers	1000 mm	1500 mm	2000 mm
Spindle bore	80 mm	80 mm	80 mm
Spindle nose Camlock	Camlock D1-8	Camlock D1-8	Camlock D1-8
Spindle bore taper MT	7	7	7
Spindle speed	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm	(12) 36 ÷ 1600 rpm
Longitudinal feeds	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev	0,063 ÷ 2,52 mm/rev
Cross feeds	0,063 ÷ 2,52 mm/rev	0,027 ÷ 1,07 mm/rev	0,027 ÷ 1,07 mm/rev
Metric threads	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm	(22) 1 ÷ 14 mm
Inch threads	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI	(26) 2 ÷ 28 TPI
Tailstock taper MT	5	5	5
Motor	400 V 50/60 Hz 7,5 kW	400 V 50/60 Hz 7,5 kW	400 V 50/60 Hz 7,5 kW
Cooling pump	400 V 50 Hz 90 W	400 V 50 Hz 90 W	400 V 50 Hz 90 W
Dimensions	2500 x 1400 x 1500 mm	3000 x 1400 x 1500 mm	3500 x 1400 x 1500 mm
Net weight	2840 kg	3080 kg	3320 kg



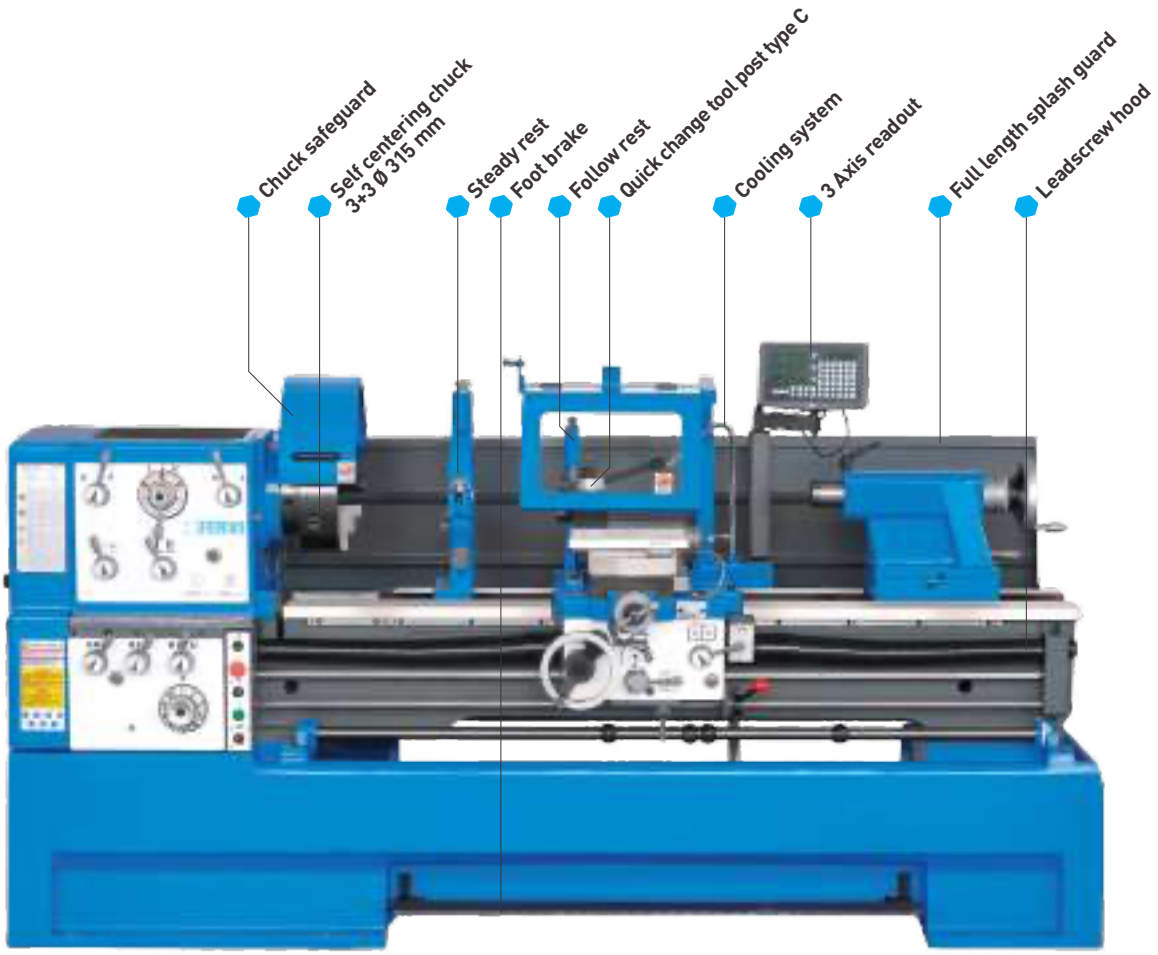



T076/400V3A

NEW

GEAR HEAD LATHE WITH READ OUT

With 2 speed motor and 3 axis read out, semi norton gear box. With cast iron monobloc base.



Centers height	280 mm
Max swing over the bed	560 mm
Max swing over the cross slide	355 mm
Max swing over the gap	785 mm
Tool height	25 mm
Distance between centers	1500 mm
Spindle bore	80 mm
Spindle nose Camlock	Camlock D1-8
Spindle bore taper MT	CM 7
Variable spindle speed	(12) 25 - 1600 rpm
Longitudinal feeds	(35) 0,059 - 1,646 mm/rev
Cross feeds	(35) 0,020 - 0,573 mm/rev
Metric threads	(47) 0,2 - 14 mm
Inch threads	(60) 2 - 112 TPI
Tailstock taper MT	CM 5
Motor	400 V 50 Hz 7,5 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	3340 x 1150 x 1610 mm
Net weight	2600 kg

INCLUDED ACCESSORIES

- 3+3 jaw self-centering chuck, Ø315 mm
- 4-jaw independent chuck, Ø400 mm
- CM 7/5 reduction sleeve
- Ø450 mm drive flange
- Moving steady rest
- Fixed steady rest
- 2 x CM 5 fixed tailstocks
- CM 5 rotating tailstock
- Thread comparator
- Turret guard
- Spindle guard
- Rear splash guard
- Type C quick-change turret
- LED light
- Cooling system
- Foot brake
- Quick-lock tailstock carriage
- Oil-bath slide gears
- Adjustable leveling feet

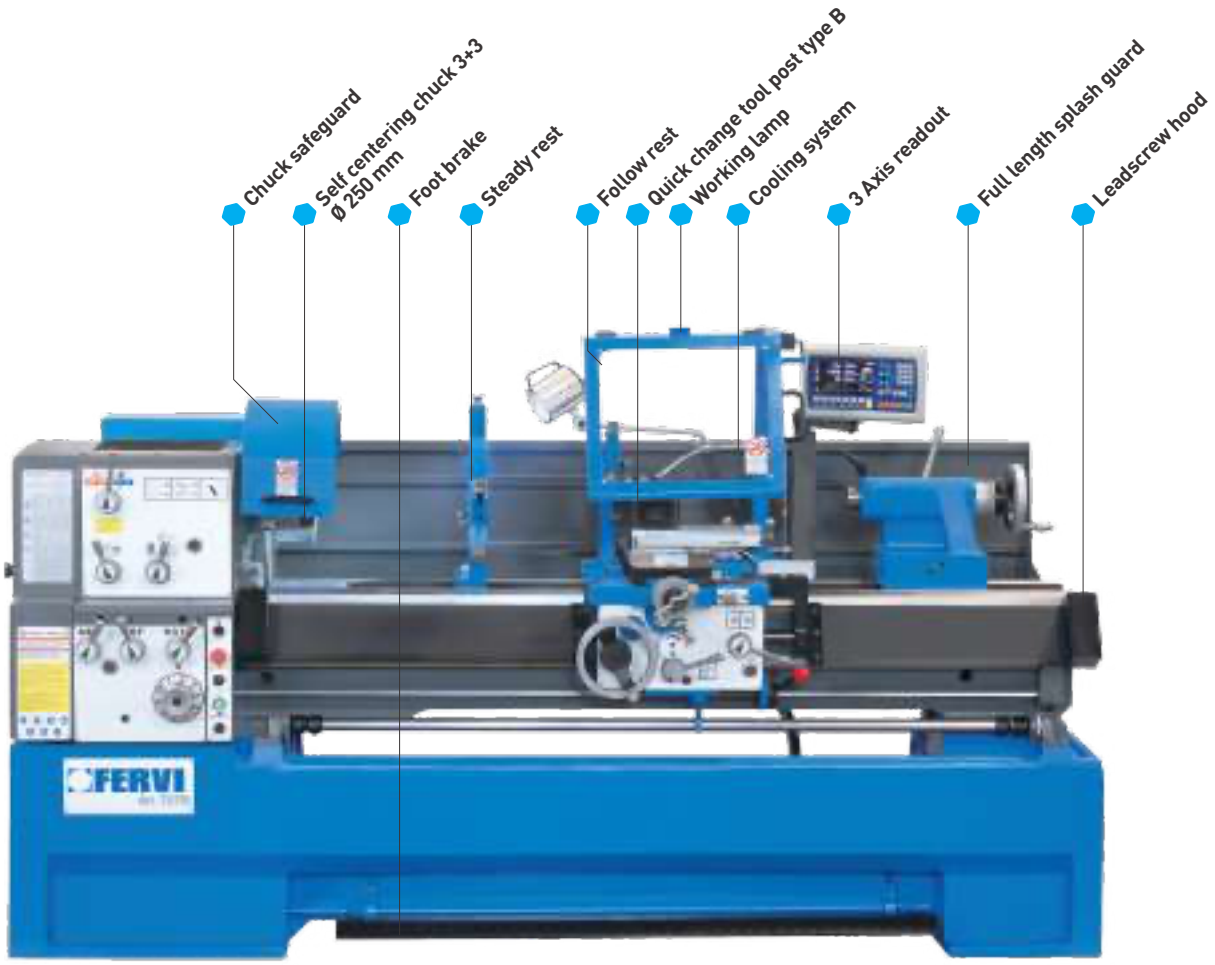





T075I

GEAR HEAD LATHE WITH INVERTER AND READOUT

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.



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
Tool height	25 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	400 V 50 Hz 5,5 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	2750 x 1080 x 1650h 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
- Electro-mechanic foot brake
- Quick change tool post type B
- Working lamp LED
- Cooling system
- Turret guard
- Quick locking tailstock carriage
- Wagon gears in oil bath



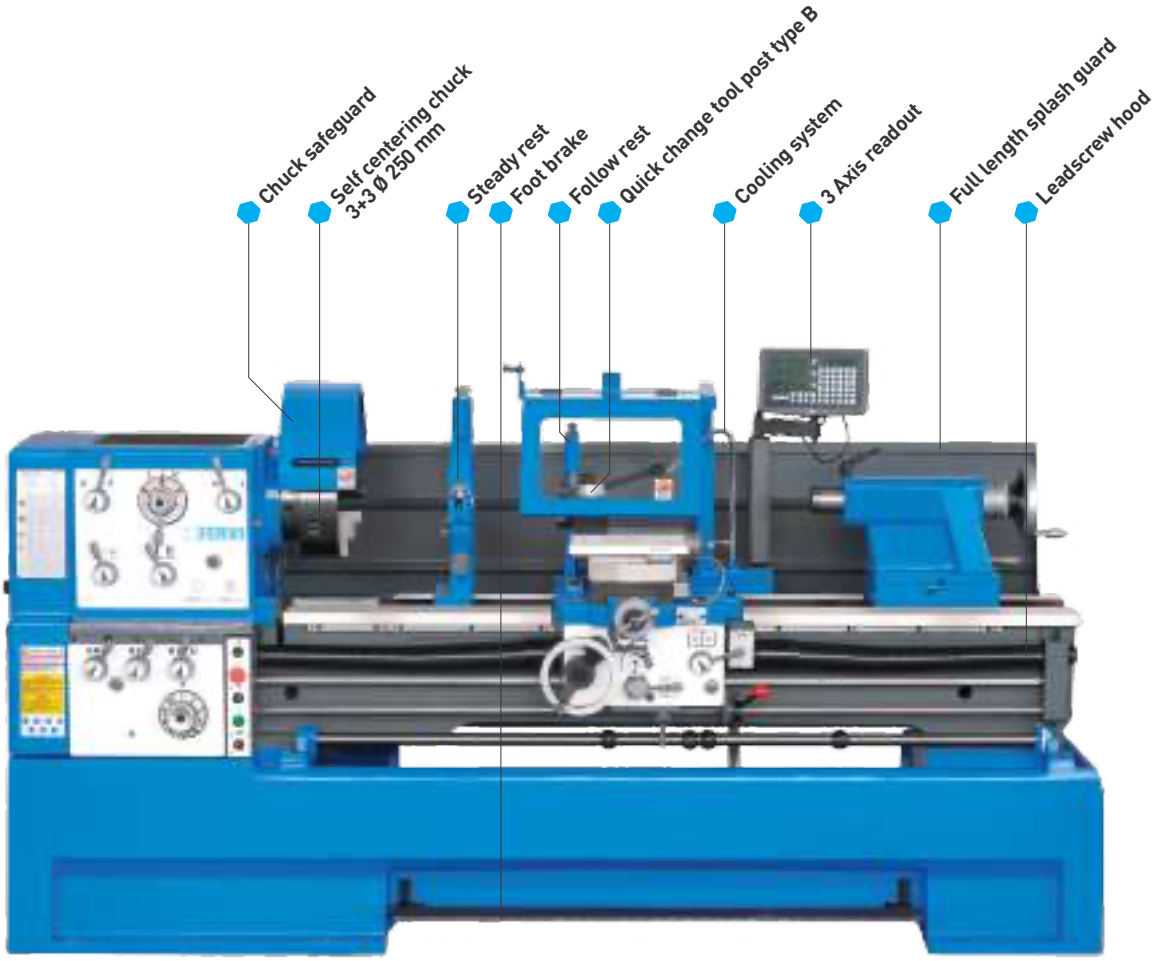



T075/400V3A

NEW

GEAR HEAD LATHE WITH READ OUT

With 2 speed motor and 3 axis read out, semi norton gear box. With cast iron monobloc base.



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
Tool height	25 mm
Distance between centers	1500 mm
Spindle bore	58 mm
Spindle nose Camlock	Camlock D1-6
Spindle bore taper MT	CM 6
Variable spindle speed	(12) 25 - 2000 rpm
Longitudinal feeds	(42) 0,031 - 1,7 mm/rev
Cross feeds	(42) 0,014 - 0,784 mm/rev
Metric threads	(41) 0,1 - 14 mm
Inch threads	(60) 2 - 112 TPI
Tailstock taper MT	CM 4
Motor	400 V 50 Hz 5,5 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	2750 x 1080 x 1370 mm
Net weight	1900 kg

INCLUDED ACCESSORIES

- 3+3 jaw self-centering chuck, Ø 250 mm
- 4-jaw independent chuck, Ø 300 mm
- CM 6/4 reduction sleeve
- Ø 350 mm drive flange
- Moving steady rest
- Fixed steady rest
- 2 x CM 4 fixed tailstocks
- CM 4 rotating tailstocks
- Thread comparator
- Turret guard
- Spindle guard
- Rear splash guard
- Type B quick-change turret
- LED light
- Cooling system
- Foot brake
- Quick-lock tailstock carriage
- Oil-bath slide gears
- Adjustable leveling feet



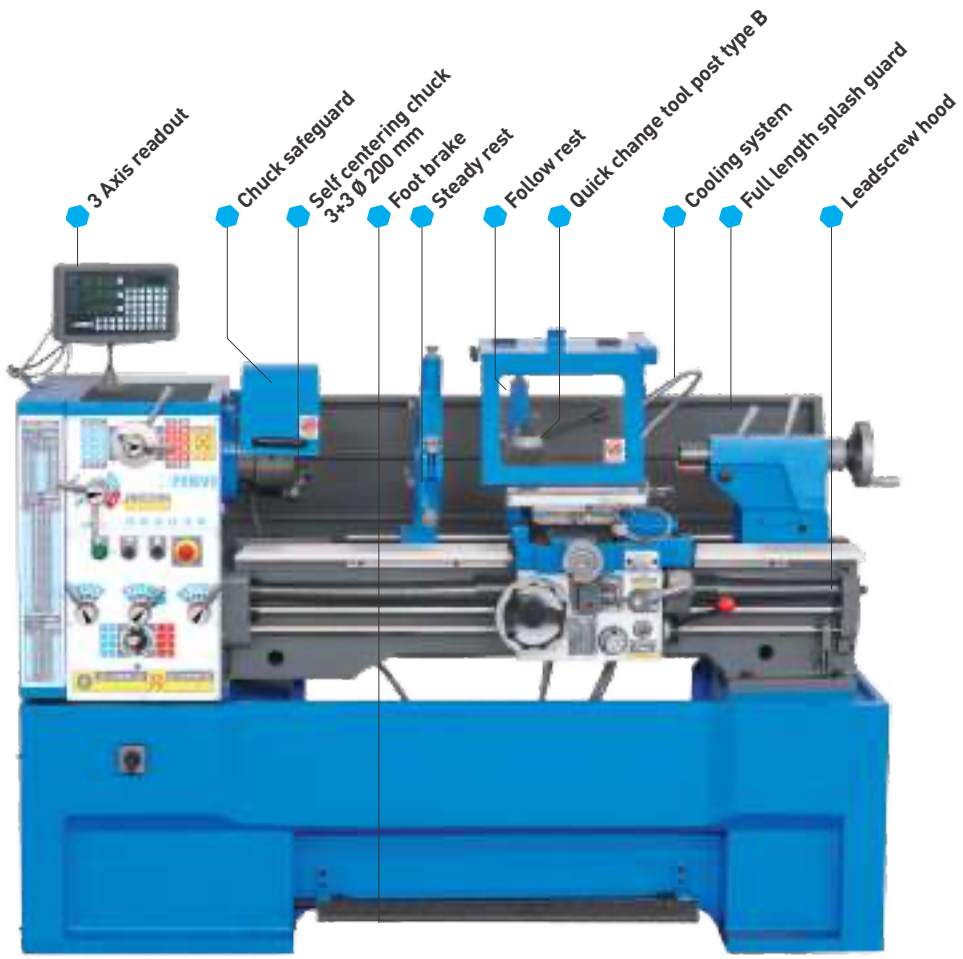



T074/400V3A

NEW

GEAR HEAD LATHE WITH READ OUT

With 2 speed motor and 3 axis read out, semi norton gear box. With cast iron monobloc base.



Centers height	210 mm
Max swing over the bed	420 mm
Max swing over the cross slide	255 mm
Max swing over the gap	580 mm
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	52 mm
Spindle nose Camlock	Camlock D1-6
Spindle bore taper MT	CM 6
Variable spindle speed	(16) 45 - 1800 rpm
Longitudinal feeds	(17) 0,05 - 1,7 mm/rev
Cross feeds	(17) 0,025 - 0,85 mm/rev
Metric threads	(42) 0,2 - 14 mm
Inch threads	(45) 0,2 - 14 mm
Tailstock taper MT	CM 4
Motor	400 V 50 Hz 2,2/3,3 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	2030 x 1000 x 1450 mm
Net weight	1200 kg

INCLUDED ACCESSORIES

- 3+3 jaw self-centering chuck, Ø200 mm
- 4-jaw independent chuck platform, Ø250 mm
- CM 6/4 reduction sleeve
- Ø350 mm drive flange
- Moving steady rest
- Fixed steady rest
- CM 4 fixed tailstock
- CM 4 rotating tailstock
- Thread comparator
- Turret guard
- Spindle guard
- Rear splash guard
- Type B quick-change turret
- LED light
- Cooling system
- Foot brake
- Quick-release tailstock carriage
- Oil-bath slide gears
- Adjustable leveling feet

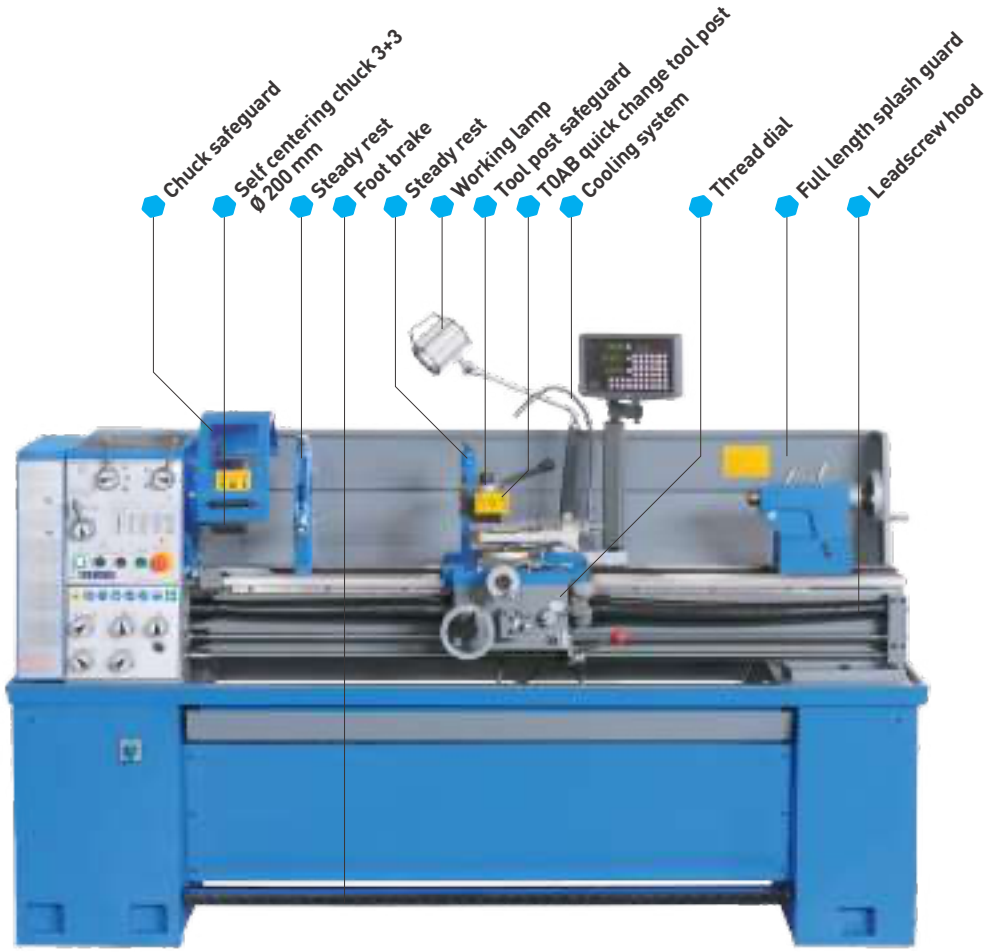





T070/400V3A15

GEAR HEAD LATHE WITH READ OUT

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



Centers height	200 mm
Max swing over the bed	400 mm
Max swing over the cross slide	258 mm
Tool height	20 mm
Distance between centers	1500 mm
Spindle bore	55 mm
Spindle bore	50 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	400 V 50 Hz 1,5/2,4 kW
Dimensions	2360 x 760 x 1600h mm
Net weight	850 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
- Turret guard
- T0AB quick change tool post
- Working lamp LED
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath

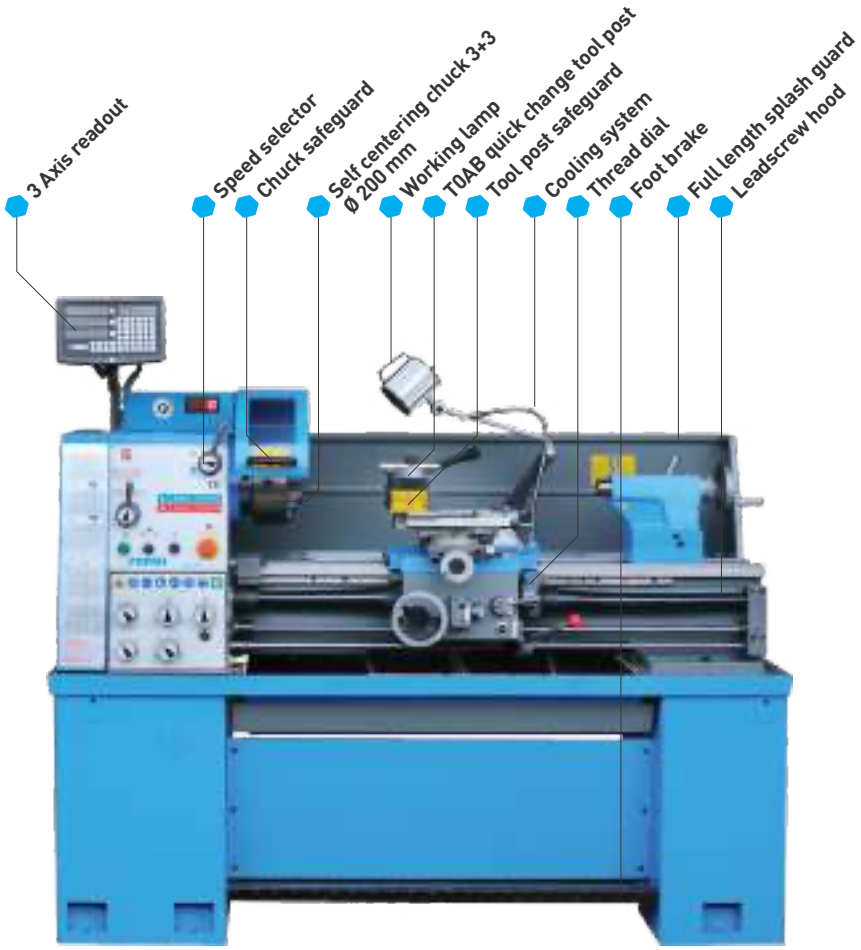





T070/400VI3A

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.



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
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle bore	50 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	400 V 50 Hz 2,2 kW
Dimensions	1860 x 900 x 1650h 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

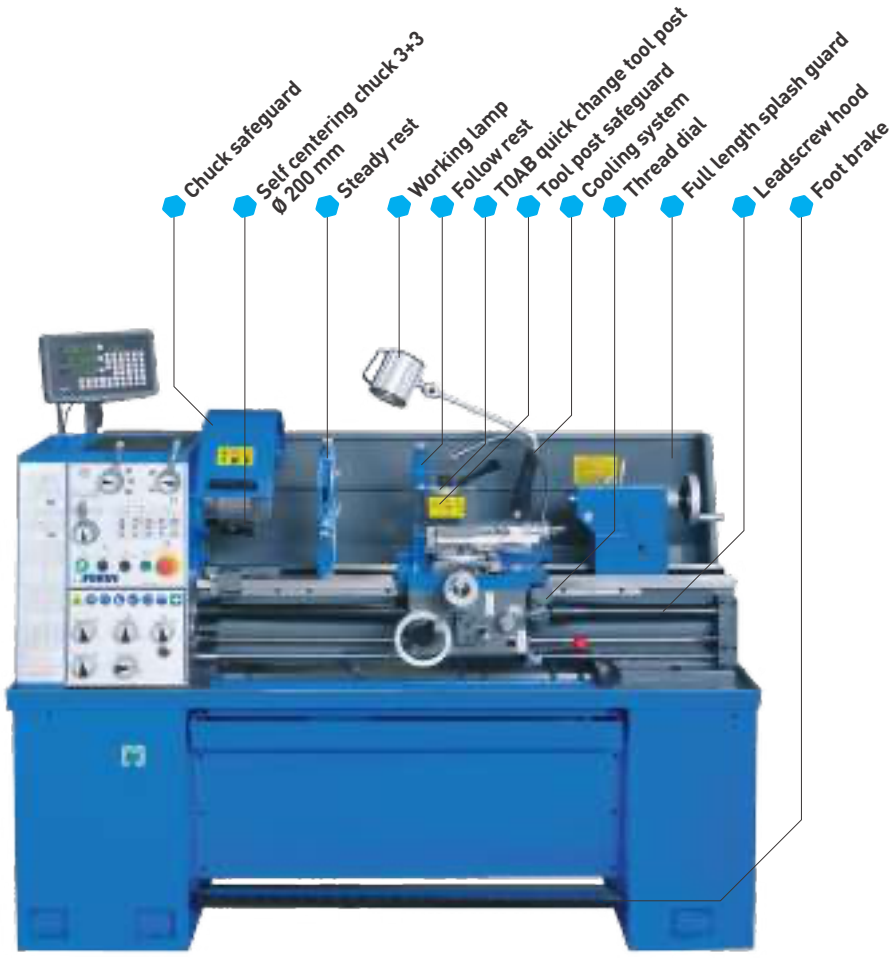





T070/400V3A

GEAR HEAD LATHE WITH READ OUT

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



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
Tool height	20 mm
Distance between centers	1000 mm
Spindle bore	55 mm
Spindle bore	50 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	400 V 50 Hz 1,5/2,4 kW
Dimensions	1860 x 800 x 1600h 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

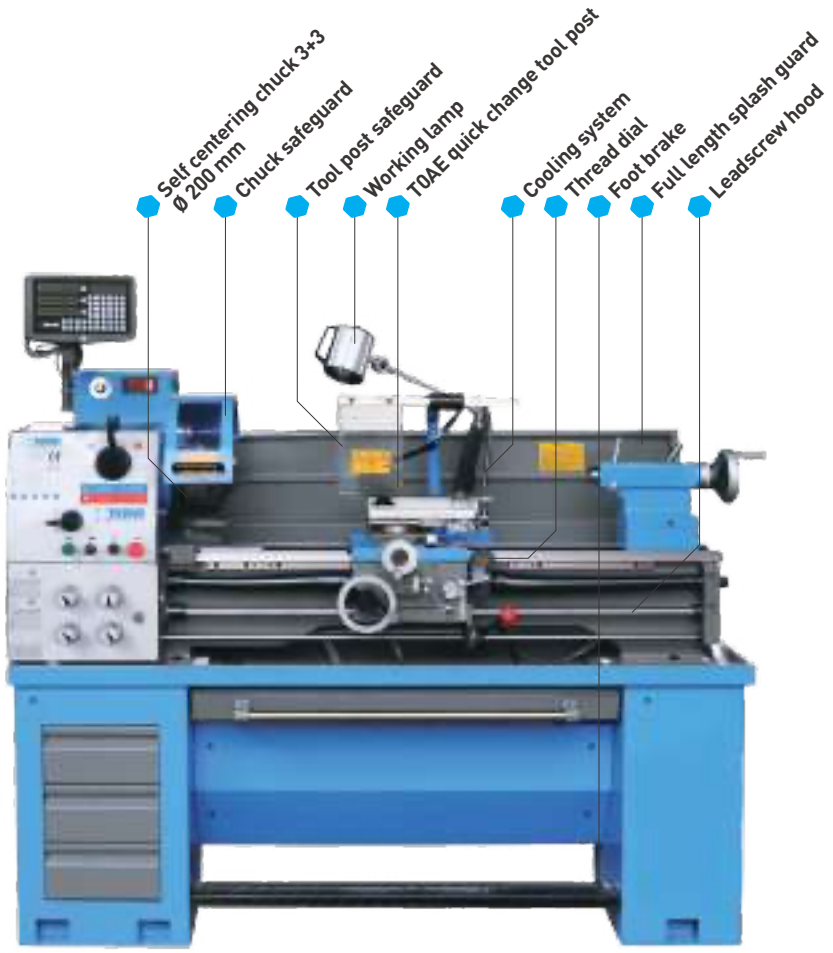





T069/400VI3A

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.



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
Tool height	20 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	400 V 50 Hz 1,5 kW
Dimensions	1820 x 90 x 1650h 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






T069/400V

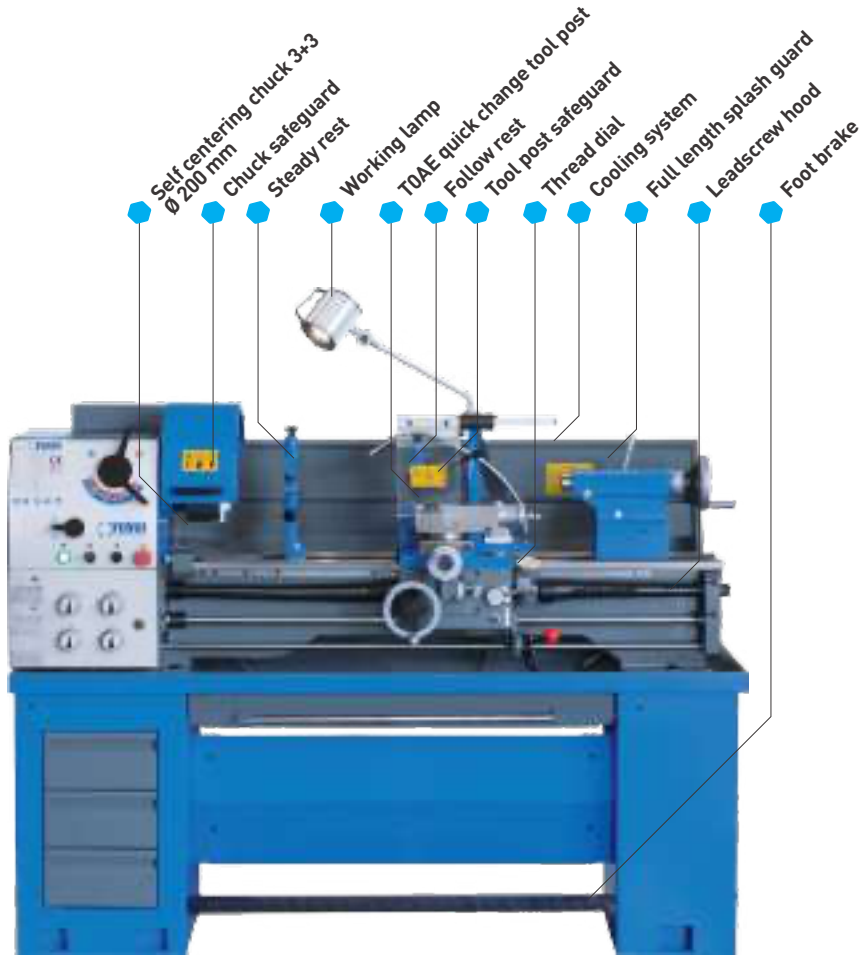
GEAR HEAD LATHE WITHOUT READOUT

With semi norton gear box. Turning bar with adjustable clutch.

T069/400V3A

WITH READOUT

3-axis readout.





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
Tool height	20 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	400 V 50 Hz 1,5 kW
Dimensions	1800 x 800 x 1600h 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
- Turret guard
- T0AE quick change tool post
- Working LED lamp
- Cooling system
- Foot brake
- Clutch on turning bar
- Quick locking tailstock carriage
- Wagon gears in oil bath





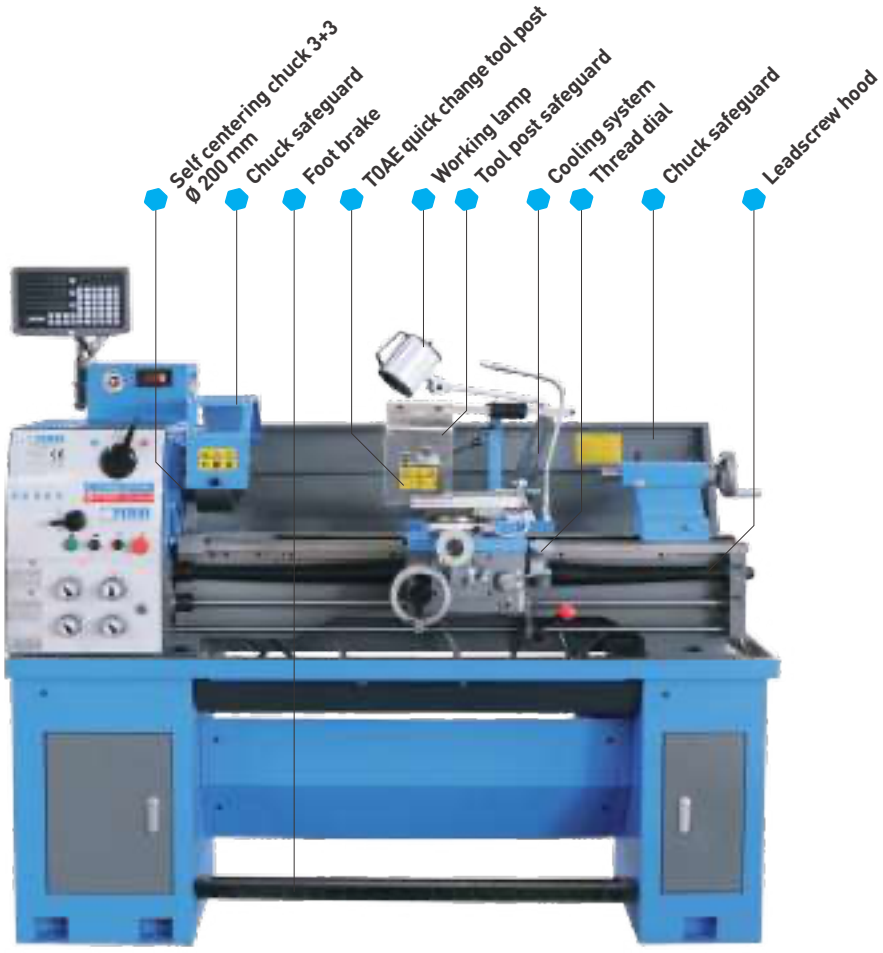




T998/400VI3A

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.



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
Tool height	20 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	400 V 50 Hz 1,5 kW
Dimensions	1820 x 900 x 1650h 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 6/4
- Face plate Ø 250 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 4
- 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






T998/400V

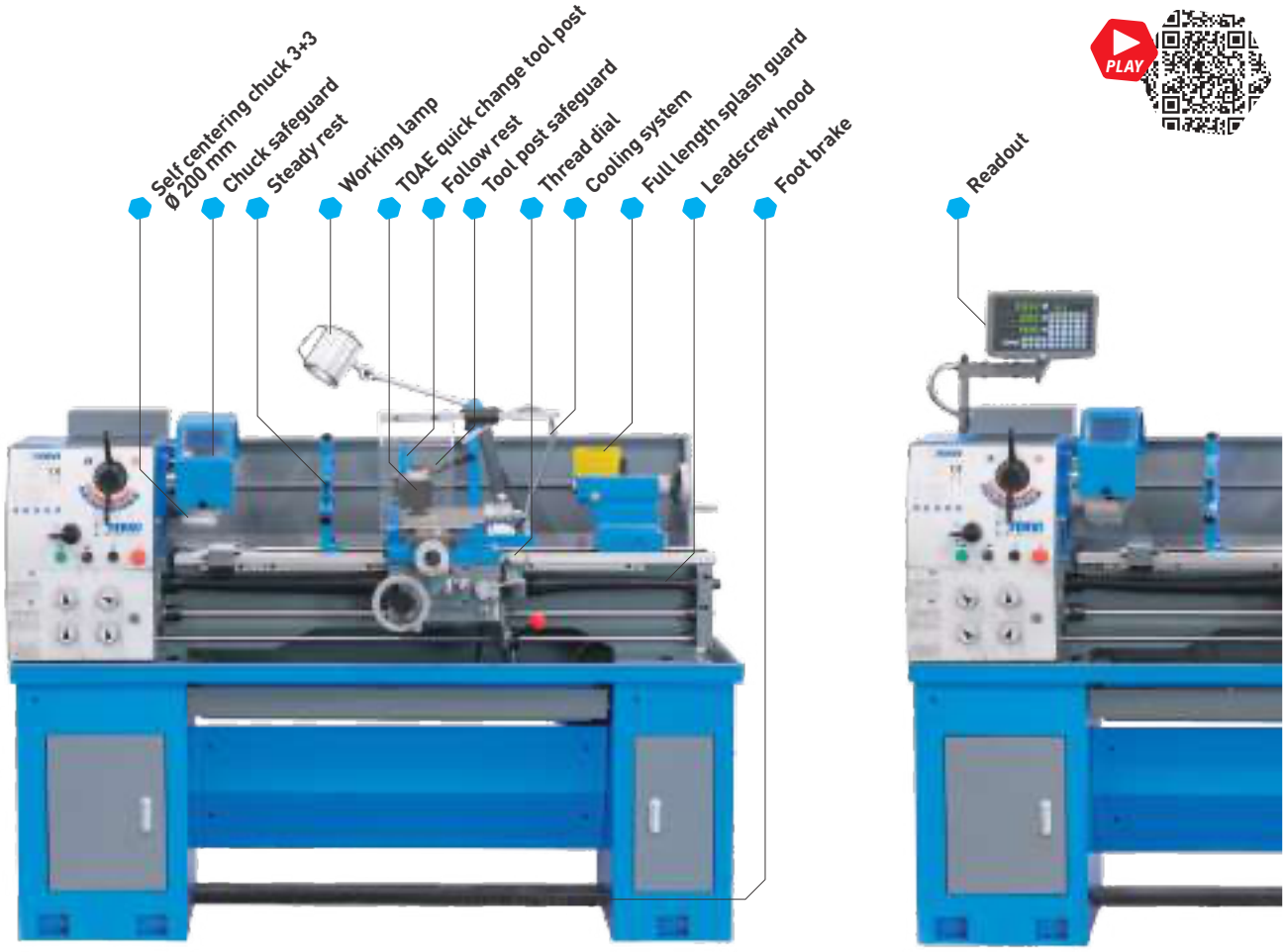
GEAR HEAD LATHE WITHOUT READOUT

With semi norton gear box. Turning bar with adjustable clutch.

T998/230V3A & T998/400V3A

WITH READOUT

3-axis readout.



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
Tool height	20 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	400 V 50 Hz 1,5 kW / 230 V 50 Hz 1,8 kW
Dimensions	1820 x 800 x 1320h 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 6/4
- Face plate Ø 320 mm
- Follow rest
- Steady rest
- Dead center MT 3
- Dead center MT 4
- 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






T997/230VI

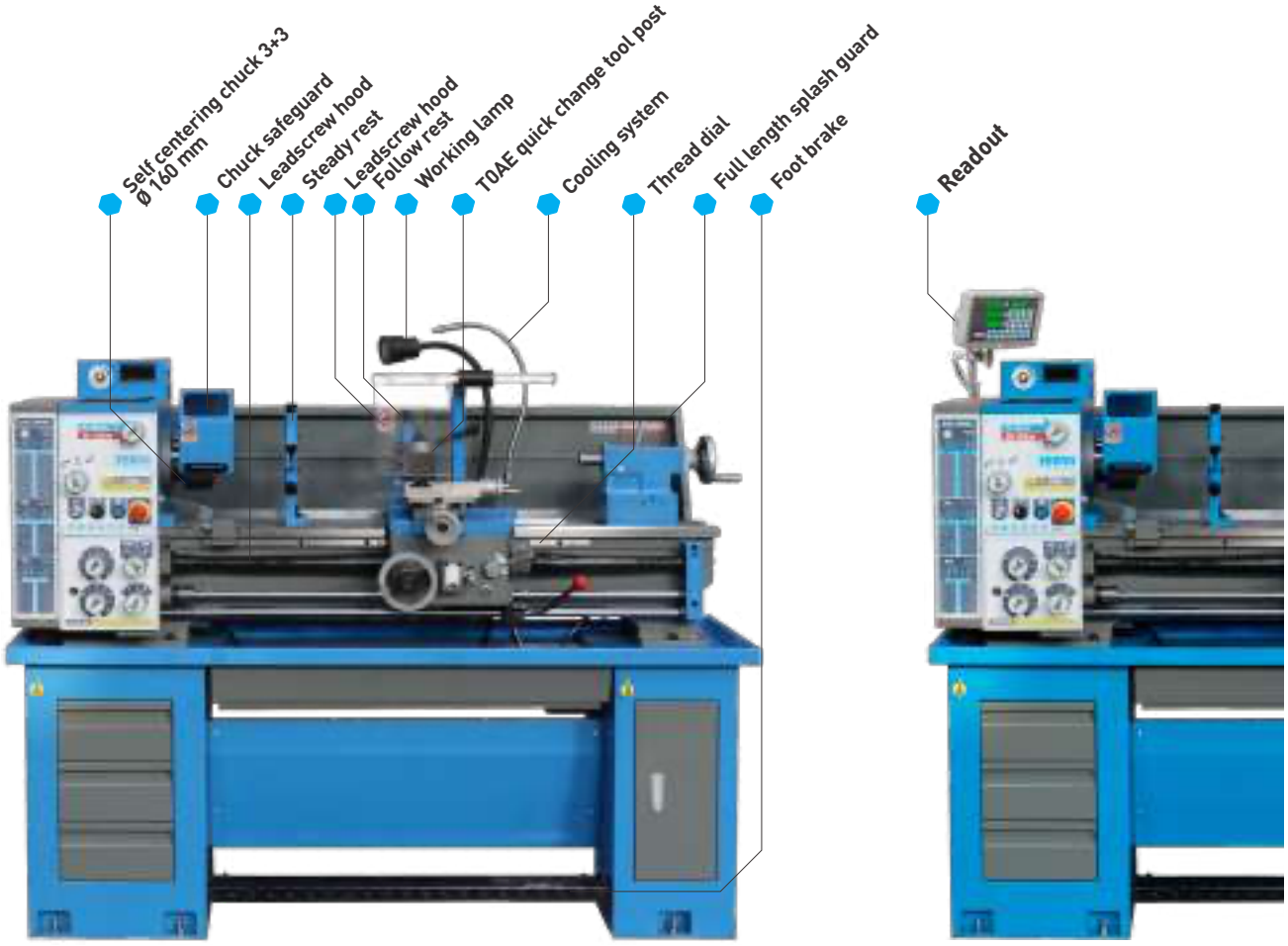
GEAR HEAD LATHE WITH INVERTER WITHOUT READOUT

Semi norton gear box. Turning bar with adjustable clutch and rotation speed display.

T997/230VI3A

WITH READOUT

3-axis readout.



Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	180 mm
Tool height	16 mm
Distance between centers	1000 mm
Spindle bore taper MT	5
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle speed	(3) 60-1750 rpm
Longitudinal feeds	(40) 0,053 - 1,291 mm/rev
Cross feeds	(40) 0,011 - 0,275 mm/rev
Metric threads	(32) 0,4 - 7 mm
Inch threads	(36) 4 - 60 TPI
Tailstock taper MT	3
Motor	230 V 50 Hz 1,5 kW
Dimensions	1850 x 700 x 1550 mm
Net weight	550 kg

INCLUDED ACCESSORIES

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





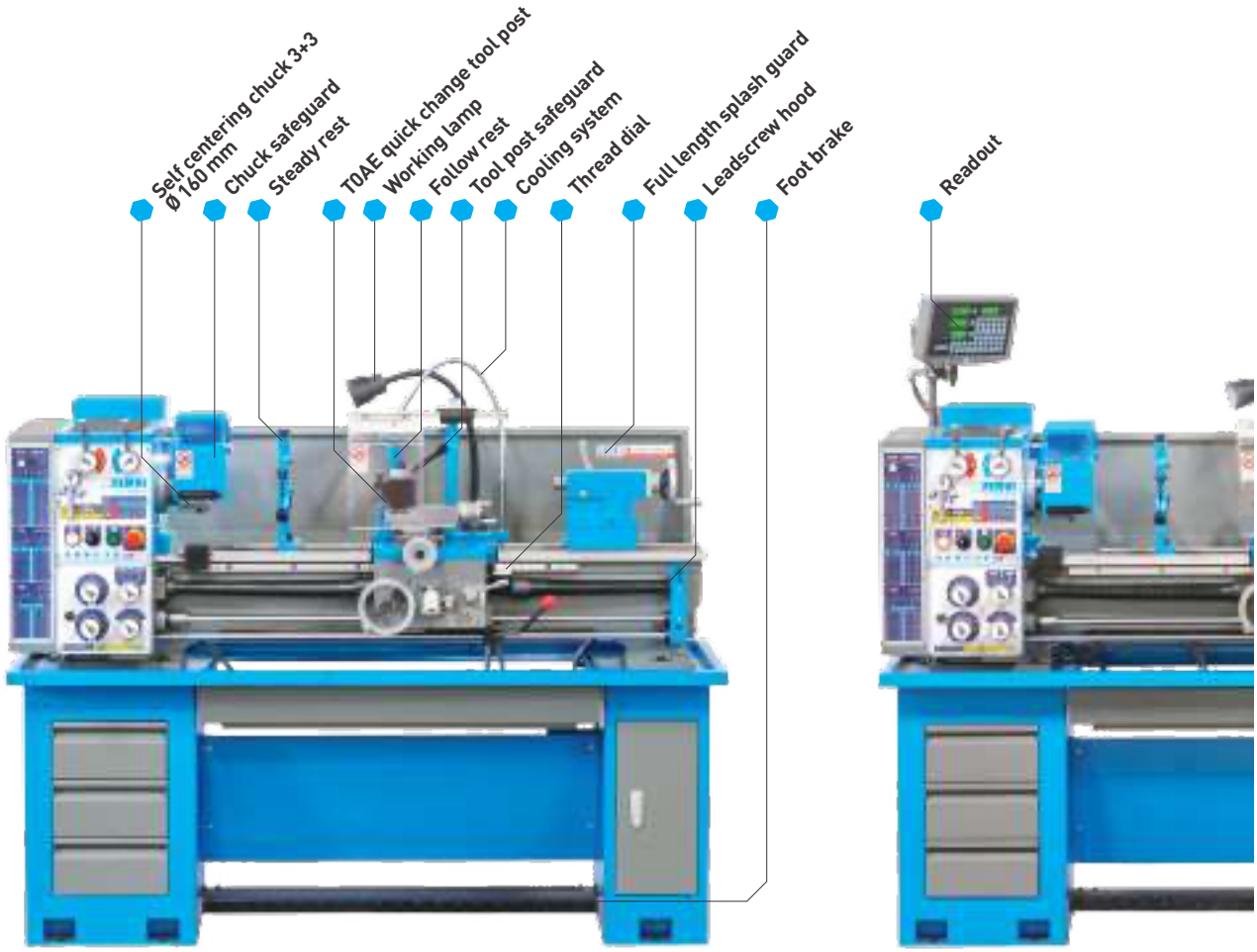

T997/400V & T997/230V

GEAR HEAD LATHE WITHOUT READOUT

T997/400V3A & T997/230V3A

WITH READOUT

3-axis readout.



Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	180 mm
Tool height	16 mm
Distance between centers	1000 mm
Spindle bore taper MT	5
Spindle bore	38 mm
Spindle nose Camlock	Camlock D1-4
Spindle speed	(18) 75-1800 rpm
Longitudinal feeds	(40) 0,053 - 1,291 mm/rev
Cross feeds	(40) 0,011 - 0,275 mm/rev
Metric threads	(32) 0,4 - 7 mm
Inch threads	(36) 4 - 60 TPI
Tailstock taper MT	3
Motor	400 V 50 Hz 1,5 kW / 230 V 50 Hz 1,5 kW
Dimensions	1850 x 700 x 1550 mm
Net weight	550 kg

INCLUDED ACCESSORIES

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











60Hz frequency available

Our machine tools can also be supplied
at **60Hz upon request** and quotation.



LATHES

T900...



T750...



T700...



T660...



0657



0708



0506



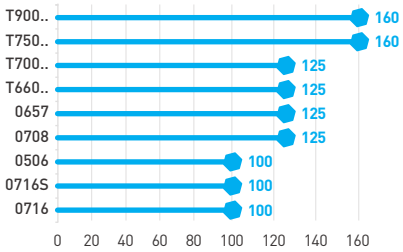
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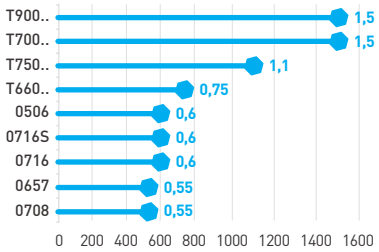
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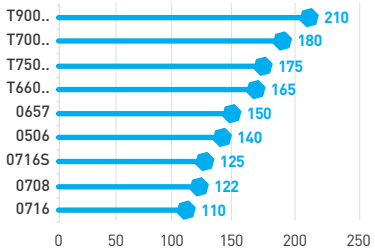
Spindle diameter (mm)



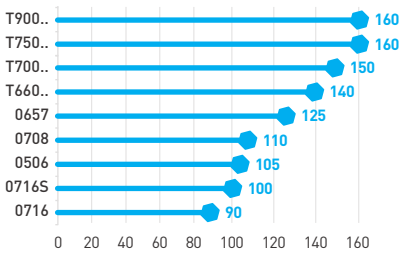
Power (kW)



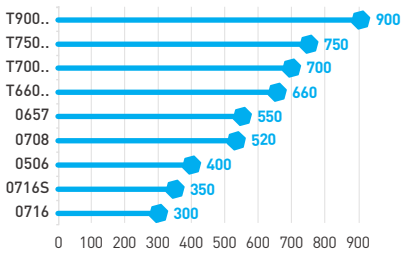
Max swing over the cross slide (mm)



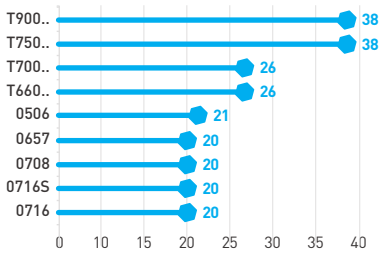
Centers height (mm)



Distance between centers (mm)



Spindle bore (mm)



T900I

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 T0AE
- LED light
- Quick locking tailstock carriage 75 mm
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Tool height	16 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
Motor	230 V 50/60 Hz 1,5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	360 kg







T900

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 75 mm
- Wagon gears in oil bath

Centers height	160 mm
Max swing over the bed	320 mm
Max swing over the cross slide	210 mm
Tool height	16 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
Motor	230 V 50/60 Hz 1,5 kW
Dimensions	1600 x 750 x 1300 mm
Net weight	330 kg







T750I

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
- 2 x Dead centers MT 3
- Reduction sleeve MT 5/3
- 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
Tool height	16 mm
Distance between centers	750 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
Motor	230 V 50 Hz 1,5 kW
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg





T750

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
- 2 x Dead centers MT 3
- Reduction sleeve MT 5/3
- 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
Tool height	16 mm
Distance between centers	750 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
Motor	230 V 50 Hz 1,5 kW
Dimensions	1450 x 720 x 1280 mm
Net weight	310 kg





T700V

GEAR HEAD LATHE WITH INVERTER

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
- Saddle gears in oil

Centers height	145 mm
Max swing over the bed	290 mm
Max swing over the cross slide	150 mm
Tool height	12 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 ÷ 48 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

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
Tool height	12 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 1320h mm
Net weight	270 kg







T660I

GEAR HEAD LATHE WITH 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
Tool height	14 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

GEAR HEAD 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
Tool height	14 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

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
Tool height	12 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

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
Tool height	12 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

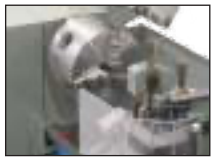
0506

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
Tool height	12 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/rev

Metric threads	(9) 0,5 ÷ 2,5 mm
Tailstock taper MT	2
Motor	230 V 50/60 Hz 0,6 kW
Dimensions	780 x 300 x 340h mm
Net weight	49 kg

0716S

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 160 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
Tool height	12 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 290h mm
Net weight	46 kg

0716

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 160 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
Tool height	10 mm
Distance between centers	300 mm

Spindle bore	20 mm
Spindle bore taper MT	3
Spindle speed	(2) 100 ÷ 1100 200 ÷ 2500 rpm
Metric threads	0,5 ÷ 2,5 mm

Tailstock taper MT	2
Motor	230 V 50 Hz 0,5 kW
Dimensions	730 x 290 x 280h mm
Net weight	40 kg

0657/B

UNIVERSAL BENCH LATHE STAND

Not assembled bench lathe stand. Adjustable in three positions. In the case of special dimensions, it is possible to drill the plate. Provided with 2 small doors and 2 shelfs. Suitable for lathes



Box

Dimensions	90 ÷ 91,5 | 105 ÷ 106,5 | 118,5 ÷ 119,5 x 433 x 720h mm
Net weight	37,5 kg

0710

BENCH LATHE STAND

Partially assembled bench lathe stand.



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

0716/B

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	535 x 70 mm
Internal shelf height	300 mm
Net weight	23,50 kg



DRILLING MILLING MACHINES

F060/..



F050/..



T047/..



T044/..



T059/28V



T061A



T059/16V



T058



T073



T052/..

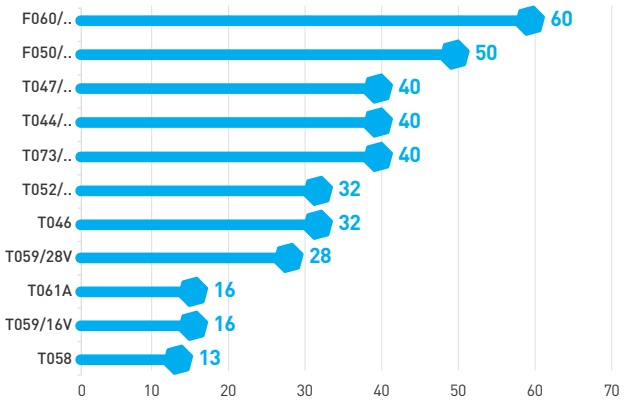


T046

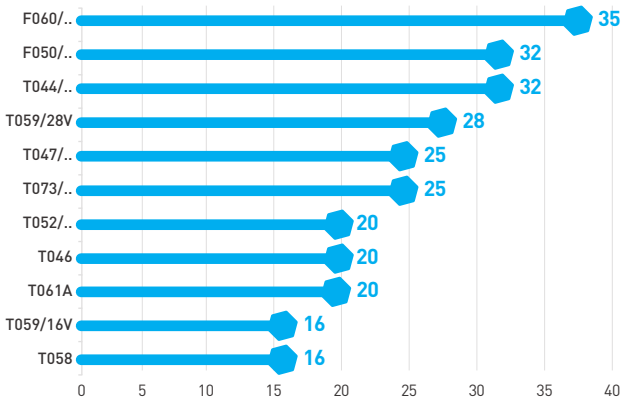


DRILLING MILLING MACHINES

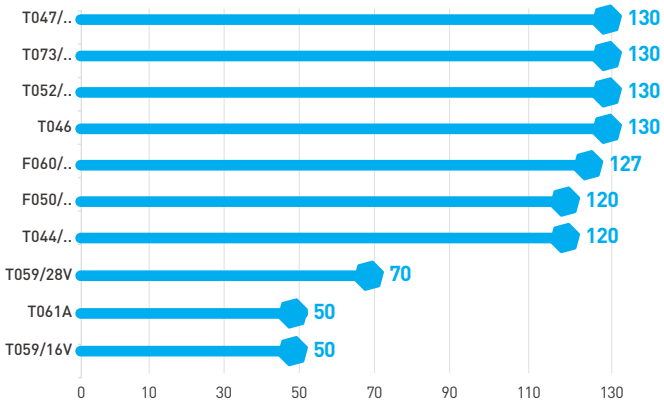
Max drilling capacity (mm)



End milling cutter max (mm)



Spindle travel (mm)



Junction

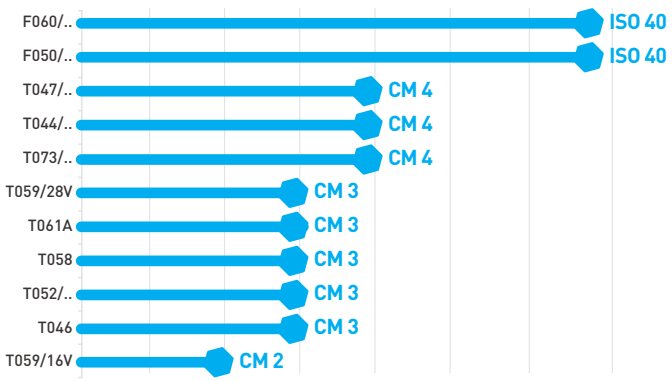
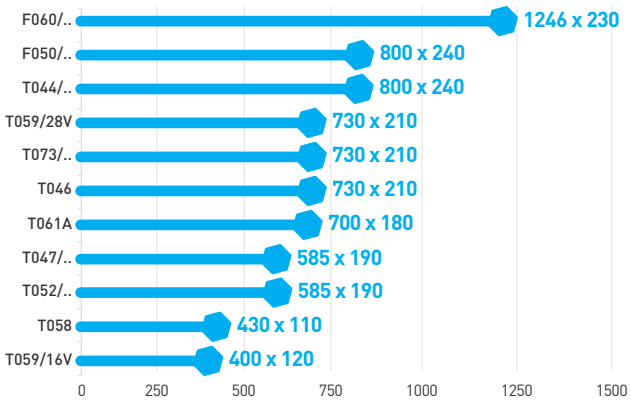
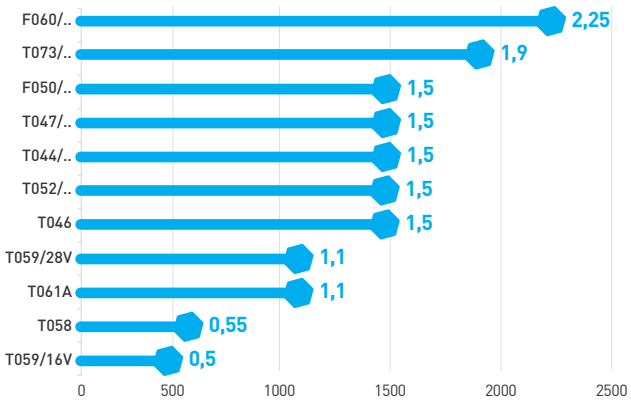


Table dimensions (mm)



Power (kW)



F060I

INVERTER VERTICAL MILLING MACHINE

ISO 40, with automatic down feed, 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	(X,Y) 400 V 50 Hz 180 W (Z) 400 V 50 Hz 100W
Cooling pump	400 V 50 Hz 90 W
Feed range	(3) 0,04 - 0,08 - 0,15 mm/rev
Surface speed	(X,Y) 42 - 76 - 164 - 262 mm/min (Z) 0 ÷ 457 mm/min
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
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100h mm
Net weight	1000 kg









F060V

VERTICAL MILLING MACHINE WITH MECHANICAL SPEED VARIATOR

Variable speed, ISO 40, with automatic down feed, 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	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°
Vertical spindle speeds	(2) 60 ÷ 500 | 500 ÷ 3600 rpm
Motor	400 V 50 Hz 2,25 kW
Table movement motor	(X,Y) 400 V 50 Hz 180 W (Z) 400 V 50 Hz 100W
Cooling pump	400 V 50 Hz 90 W
Feed range	(3) 0,04 - 0,08 - 0,15 mm/rev
Surface speed	(X,Y) 42 - 76 - 164 - 262 mm/min (Z) 0 ÷ 457 mm/min
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
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100h mm
Net weight	1000 kg









F060

VERTICAL MILLING MACHINE

ISO40, with automatic down feed, 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	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°
Vertical spindle speeds	(16) 80 ÷ 650 I 660 ÷ 5440 rpm
Motor	400 V 50 Hz 2,25 kW
Table movement motor	(X,Y) 400 V 50 Hz 180 W (Z) 400 V 50 Hz 100 W
Cooling pump	400 V 50 Hz 90 W
Feed range	(3) 0,04 - 0,08 - 0,15 mm/rev
Surface speed	(X,Y) 42 - 76 - 164 - 262 mm/min (Z) 0 ÷ 457 mm/min
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
Maximum capacity	400 kg
Dimensions	1680 x 1500 x 2100h mm
Net weight	1000 kg





F050U

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	(V) 400 V 50 Hz 0,85 - 1,5 kW (O) 400 V 50 Hz 1,5 kW
Table movement motor	400 V 50 Hz 325 W
Base dimensions	510 x 900 mm
Cooling pump	400 V 50 Hz 40 W
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
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100h mm
Net weight	930 kg





F050I

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 ISO40
- 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	400 V 50 Hz 325 W
Base dimensions	510 x 900 mm
Cooling pump	400 V 50 Hz 40 W
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	16 mm
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100 mm
Net weight	930 kg





F050

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	400 V 50 Hz 325 W
Base dimensions	510 x 900 mm
Cooling pump	400 V 50 Hz 40 W
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
Maximum capacity	300 kg
Dimensions	1380 x 1200 x 2100 mm
Net weight	930 kg





F050B

MILLING MACHINE

Vertical milling, ISO 40, motorized variable one axis cross table



INCLUDED ACCESSORIES

- Base with chip tray
- Coolant system
- LED Lamp
- ISO40 ER32 8Pcs Collet Chuck Set
- Reduction Sleeve ISO40 MT3
- Key Type Drill Chuck 3-16mm/B18
- Drill Arbor ISO40 B18
- Draw Bar M16 ISO40 2 Pcs
- Variable speed motorized axis with rapid function
- 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	110 V 50 Hz 300 W
Base dimensions	510 x 900 mm
Cooling pump	400 V 50 Hz 40 W
Distance between spindle nose and table	45 - 395 mm
Distance spindle axis - column surface	215 - 450 mm
Table dimensions	800 x 240 mm
Longitudinal axis	380 mm
Cross axis	220 mm
Slot	14 mm
Maximum capacity	400 Kg
Dimensions	1680 x 1500 x 2100h mm
Net weight	1000 kg





T047/400VDA

GEARED MILLING DRILLING MACHINE

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

NEW PRICE



INCLUDED ACCESSORIES

- Self-locking chuck 1 ÷ 16 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 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
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/rev
Distance between spindle nose and table	715 mm
Distance spindle axis - column surface	260 mm
Table dimensions	585 x 190 mm
Table slots	12 mm
Longitudinal travel	360 mm
Cross travel	250 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Base slot	14 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

GEARED MILLING DRILLING MACHINE

Reversible with coolant system and temporised tapping.

NEW PRICE



INCLUDED ACCESSORIES

- Self-locking chuck 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 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
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
Table slots	12 mm
Longitudinal axis	360 mm
Cross axis	250 mm
Base dimensions	648 x 412 mm
Base slot	14 mm
Motor	230 V 50 Hz 1,5 kW 400 V 50 Hz 1,1-1,5 kW
Cooling pump	230 V 50 Hz 40 W 400 V 50 Hz 40 W
Dimensions	740 x 790 x 1960h mm
Net weight	355 kg





T044/230V & T044/400V

GEARED DRILLING MILLING MACHINE

Square column and dovetail guides, timed reversing, tapping.

NEW PRICE



INCLUDED ACCESSORIES

- Chuck with key 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
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 - 13 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 400 V 50 Hz 1,5 kW
Net weight	300 kg





T059/28V

GEARED DRILLING MILLING MACHINE

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

NEW PRICE



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 13 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	3 ÷ 16 mm B16
Spindle speed	90 ÷ 2400 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

GEARED DRILLING MILLING MACHINE

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

NEW PRICE



INCLUDED ACCESSORIES

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

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	60 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 50/60 Hz 1,1 kW
Net weight	120 kg





T059/16V

GEARED DRILLING MILLING MACHINE

With variable speed.









INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Drill chuck shank with hole MT 2 B16
- 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 0,5 kW
Net weight	72 kg

T058

GEARED DRILLING MILLING MACHINE

With variable speed.

NEW PRICE









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

FLOOR DRILLING MILLING MACHINE

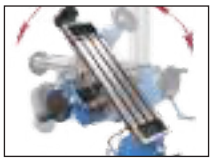
With belt drive, down speed, reversible, cooling system.



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B18
- Drill chuck shank MT 4 B18
- 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 ÷ 16 mm B18
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
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 75 W
Dimensions	850 x 1100 x 1900h mm
Net weight	420 kg







T073

FLOOR DRILLING MILLING MACHINE

With belt drive, tilting table, cooling system.



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B18
- Drill chuck shank MT 4 B18
- 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 ÷ 16 mm B18
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 75 W
Dimensions	850 x 1100 x 1900h mm
Net weight	410 kg







T052/400VDA

FLOOR DRILLING MILLING MACHINE

With down feed, rotation selection and drive belt.



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm 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	100 ÷ 2080 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/rev
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	400 V 50 Hz 40 W
Dimensions	928 x 910 x 1700h mm
Net weight	310 kg





T052/400V

FLOOR DRILLING MILLING MACHINE

With rotation selection and drive belt.



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 3 B16
- 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	100 ÷ 2080 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	400 V 50 Hz 40 W
Dimensions	928 x 910 x 1700h mm
Net weight	300 kg





T046

DRILLING MILLING MACHINE

With rotation selection and drive belt.



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 13 mm B16
- Spindle drilled MT 3 B16
- Spindle taper shank MT 3 Ø 27 mm
- Reduction sleeve MT 3/2
- 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	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







0599

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

TR01/280



TR01/200



TR01/180



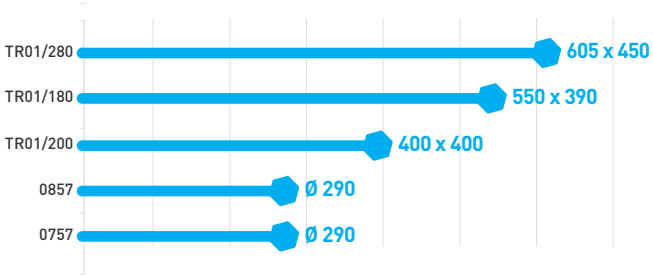
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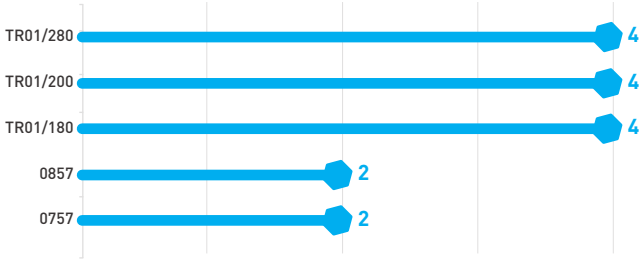
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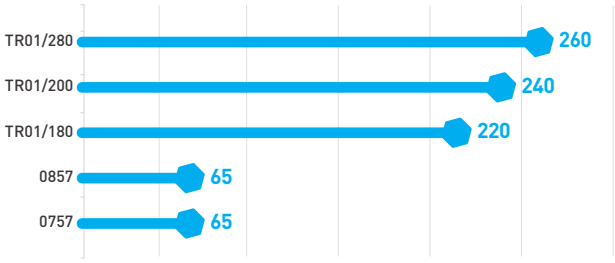
Table dimensions (mm)



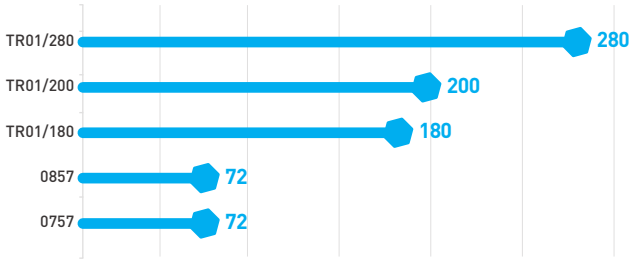
CM



Spindle travel (mm)



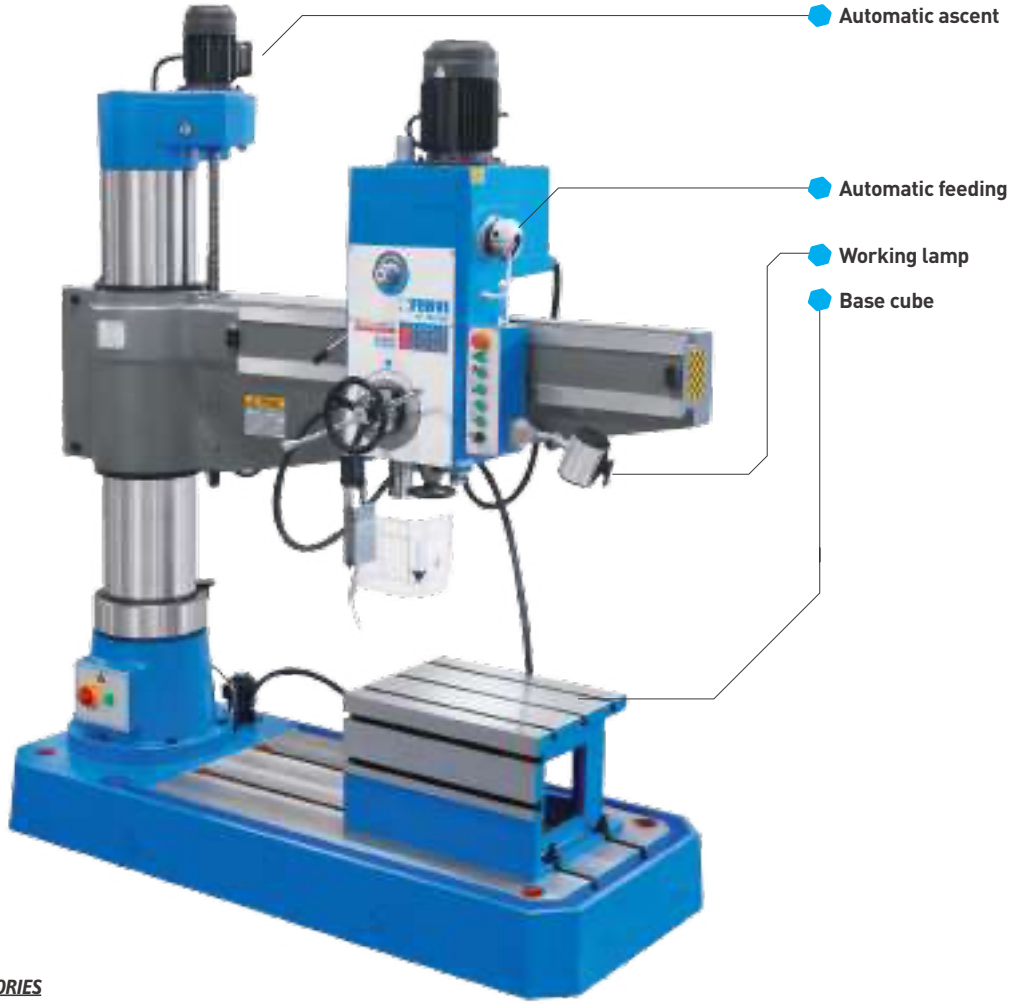
Column diameter (mm)



TR01/280

RADIAL DRILLING MACHINE

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



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 mm B16
- Spindle drilled MT 4 B16
- 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
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	605 x 440 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 0,75 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	2050 x 820 x 2480 mm
Net weight	2100 kg






TR01/200

RADIAL DRILLING MACHINE

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



INCLUDED ACCESSORIES

- Drill chuck with key 3 ÷ 16 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
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 0,75 kW
Cooling pump	400 V 50 Hz 90 W
Dimensions	1760 x 770 x 2100h mm
Net weight	1250 kg

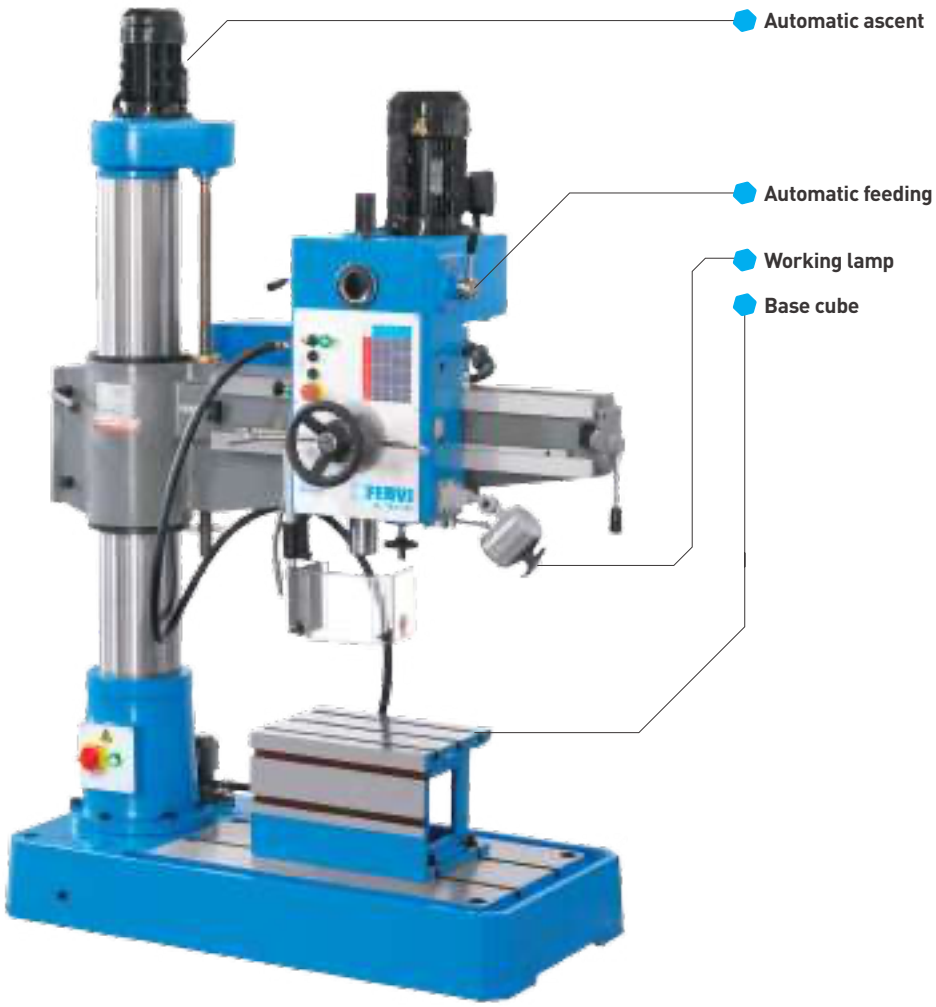





TR01/180

RADIAL DRILLING MACHINE

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



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
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	400 V 50 Hz 0,55 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	1400 x 650 x 1900h mm
Net weight	1050 kg






0857

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 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
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 375 W
Dimensions	950 x 300 x 1600 mm
Net weight	60 kg

0757

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 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
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	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 375 W
Dimensions	950 x 300 x 810h mm
Net weight	46 kg


NON RIMUOVERE
DO NOT REMOVE

FLOOR DRILLING MACHINES

T145



T066



T062



T041/..



T072/..



T032/..



T071



0252/..



0754/..



0752CM3



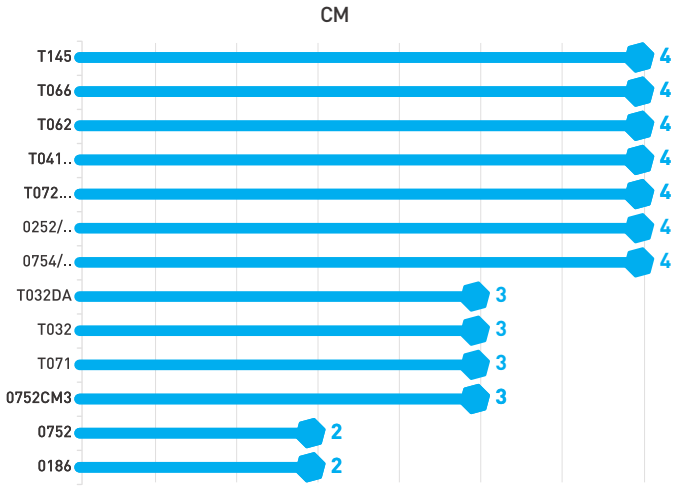
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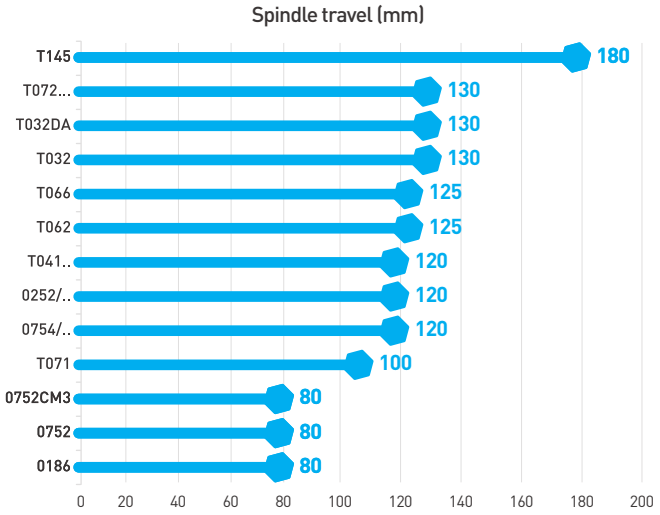


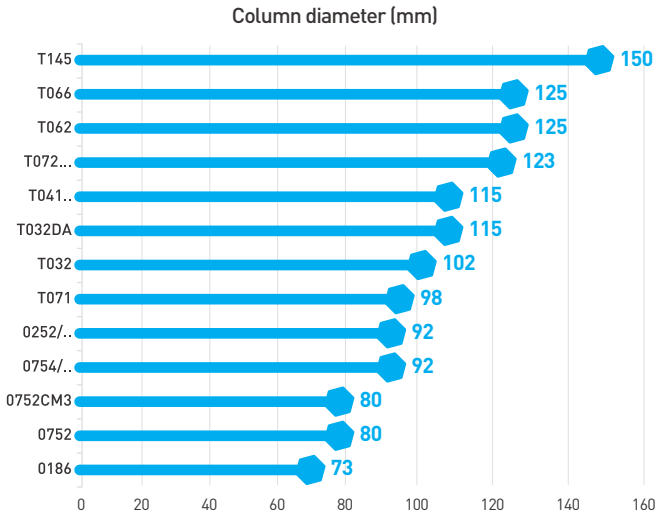
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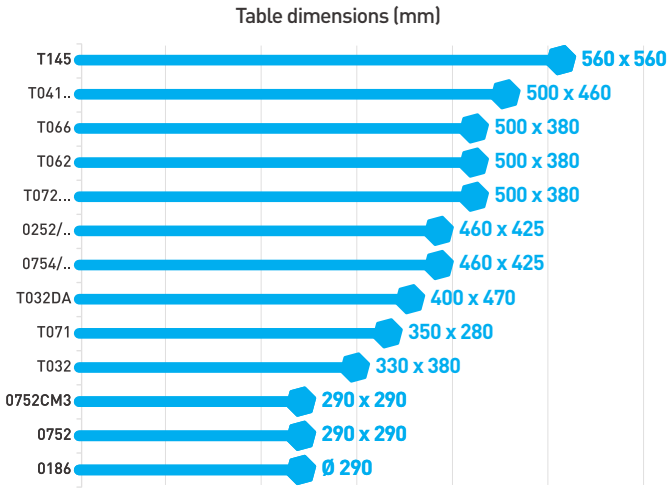


FLOOR DRILLING MACHINES





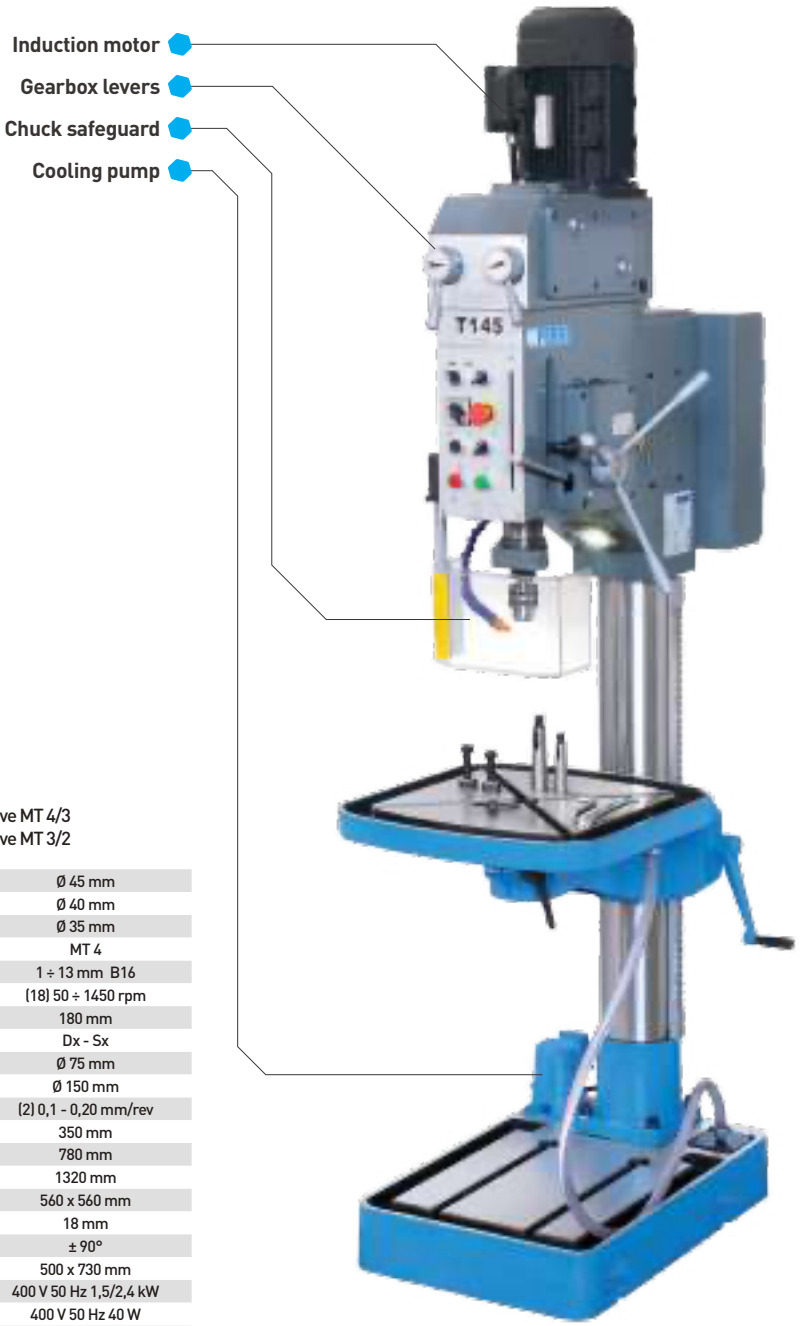




T145

GEARED DRILLING MACHINE

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



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/rev
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 1,5/2,4 kW
Cooling pump	400 V 50 Hz 40 W
Dimensions	935 x 530 x 2280 mm
Net weight	550 kg









T066

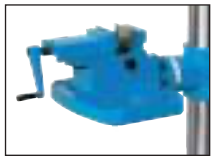
GEARED DRILLING MACHINE

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

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 mm B18
- Spindle drilled MT 4 B18
- 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 ÷ 16 mm B18
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/rev
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	145 mm
Base dimensions	470 x 670 mm
Motor	400 V 50 Hz 1,1/1,5 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	500 x 750 x 2000 mm
Net weight	400 kg



T062

GEARED DRILLING MACHINE

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

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 mm B18
- Spindle drilled MT 4 B18
- 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 ÷ 16 mm B18
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	145 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

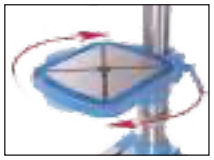
GEARED DRILLING MACHINE

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

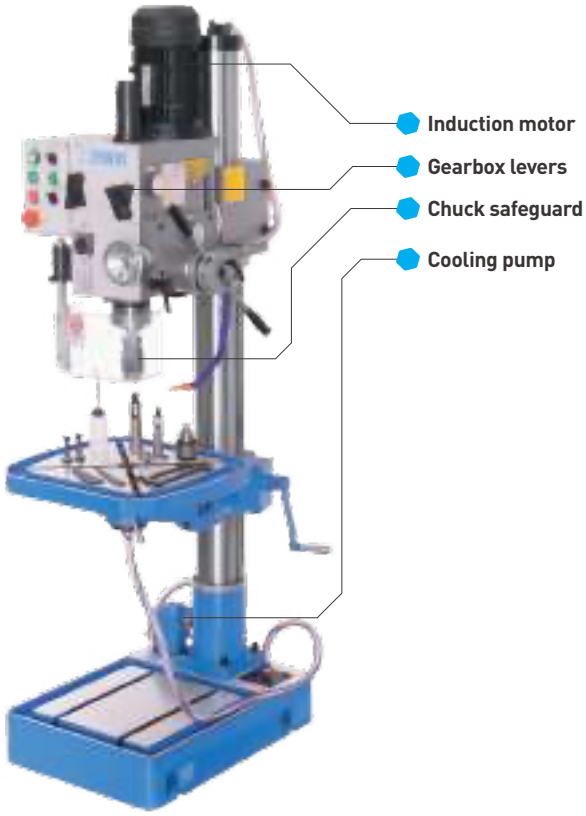
INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 mm B16
- Drill chuck shank 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
Tapping capacity	22 mm
Spindle taper	MT 4
Chuck sizes	1 ÷ 16 mm 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/rev
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

GEARED DRILLING MACHINE

Reversible, tilting head and timed tapping, rotating table

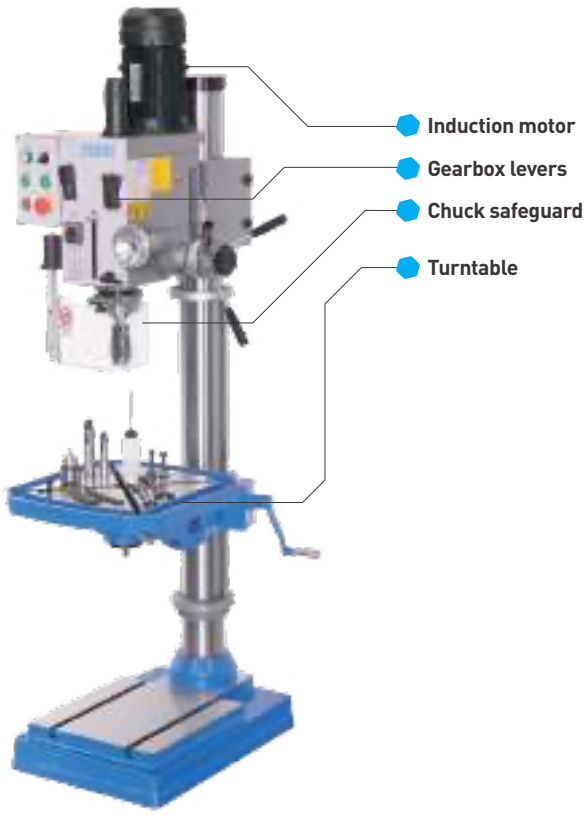
INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 mm B16
- Drill chuck shank 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
Tapping capacity	22 mm
Spindle taper	CM 4
Chuck sizes	1 ÷ 16 mm 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

FLOOR DRILLING MACHINE WITH DRIVE BELT

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

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	140 mm
Base dimensions	460 x 670 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	700 x 1100 x 1900 mm
Net weight	385 kg



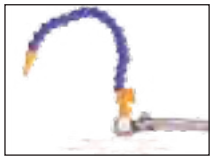
T072

FLOOR DRILLING MACHINE WITH BELT DRIVE

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

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	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	140 mm
Base dimensions	610 x 670 mm
Motor	400 V 50 Hz 1,1/1,9 kW
Cooling pump	400 V 50 Hz 75 W
Dimensions	700 x 1100 x 1900 mm
Net weight	375 kg



T032DA

FLOOR DRILL PRESS WITH DRIVE BELT

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

NEW PRICE



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B18
- Spindle drilled MT 3 B18
- 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 mm B18
Spindle speed	(8) 160 ÷ 2200 rpm
Spindle travel	130 mm
Column	Ø 115 mm
Feed range	0,1- 0,16- 0,26 mm/rev
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	340 kg

T032

FLOOR DRILL PRESS WITH DRIVE BELT

Partially rotating table, with 125mm vice.

NEW PRICE



INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B18
- Spindle drilled MT 3 B18
- 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 mm 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	400 V 50 Hz 1,5 kW
Dimensions	900 x 430 x 1760 mm
Net weight	280 kg

T071

FLOOR DRILLING MACHINE WITH DRIVE BELT

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

INCLUDED ACCESSORIES

- Drill chuck with key 1 ÷ 16 mm B18
- Drill chuck shank MT 3 B18
- 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 ÷ 16 mm B18
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	120 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

FLOOR DRILL PRESS WITH DRIVE BELT

New belt tension device, reversible table with integrated sliding vice , drilling depth readout, Led light included. Electrical system with separate 24V circuit for on-board machine controls.

INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 16 B18
- Drill chuck shank MT 4 B18





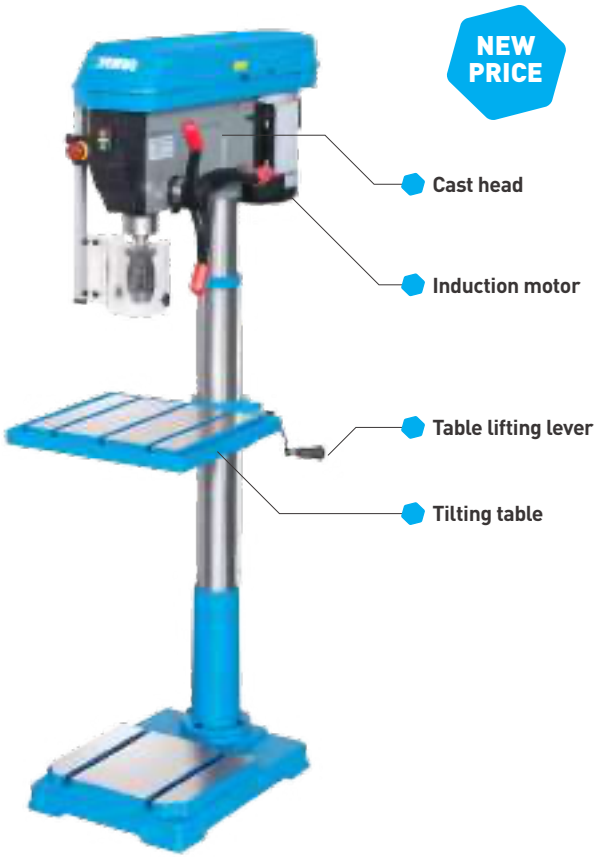
Max drilling capacity on cast iron with pre-drilling hole	Ø 32 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 28 mm
Continuous drilling capacity	Ø 20 mm
Spindle taper	4
Chuck sizes	1 - 16 mm B18
Spindle speed	(12) 150 ÷ 2450 rpm
Spindle travel	120 mm
Quill	Ø 62 mm
Column	Ø 92 mm
Height	1720 mm
Distance spindle axis - column surface	255 mm
Distance between spindle nose and table	700 mm
Table dimensions	460 x 425 mm
Distance between spindle nose and base	1220 mm
Slot	14 mm
Vice	210 x 165 mm
Motor	230 V 50 Hz 1,5 kW 400 V 50 Hz 1,5 kW
Net weight	136 kg



0754/230V & 0754/400V

FLOOR DRILL PRESS WITH DRIVE BELT

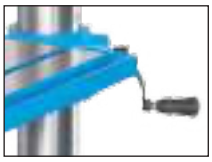
Tilting table. Electrical system with separate 24V circuit for on-board machine controls.



INCLUDED ACCESSORIES

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





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	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	460 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	126 kg

0752CM3

FLOOR DRILL PRESS WITH DRIVE BELT

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

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 B18
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

0752

CM2 VERSION Ø 16 MM



PLAY

0186

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 DRILLS

0242



0750CM3



0260



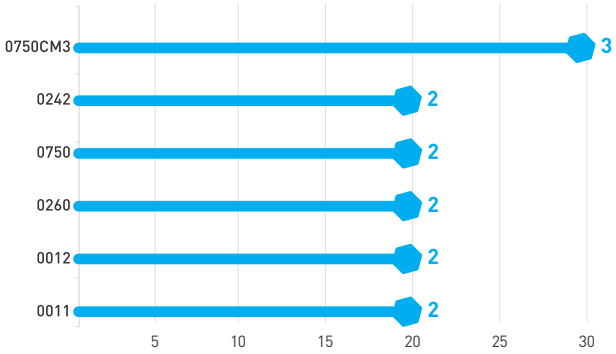
0012



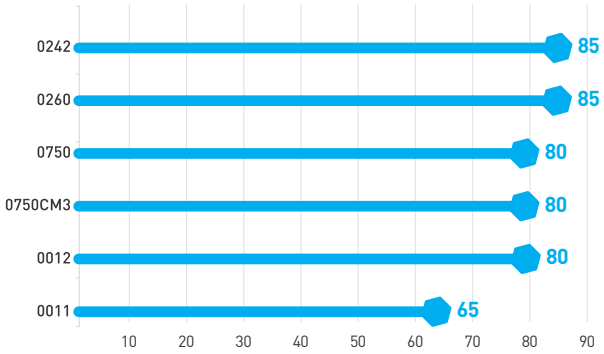
0011



CM



Spindle travel (mm)



Column diameter (mm)

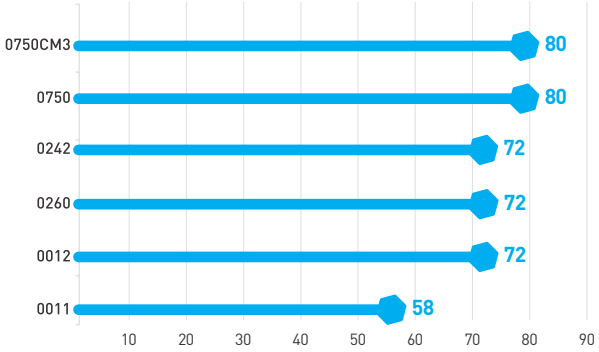
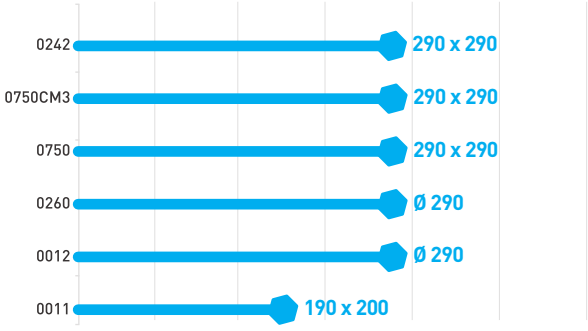


Table dimensions (mm)



0242

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.



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	290 x 290 mm
Slot	16 mm
Tilting table	± 45°
Motor	230 V 50 Hz 0,75 kW
Net weight	60 kg

0750CM3

DRILL PRESS WITH DRIVE BELT

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

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 B18
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

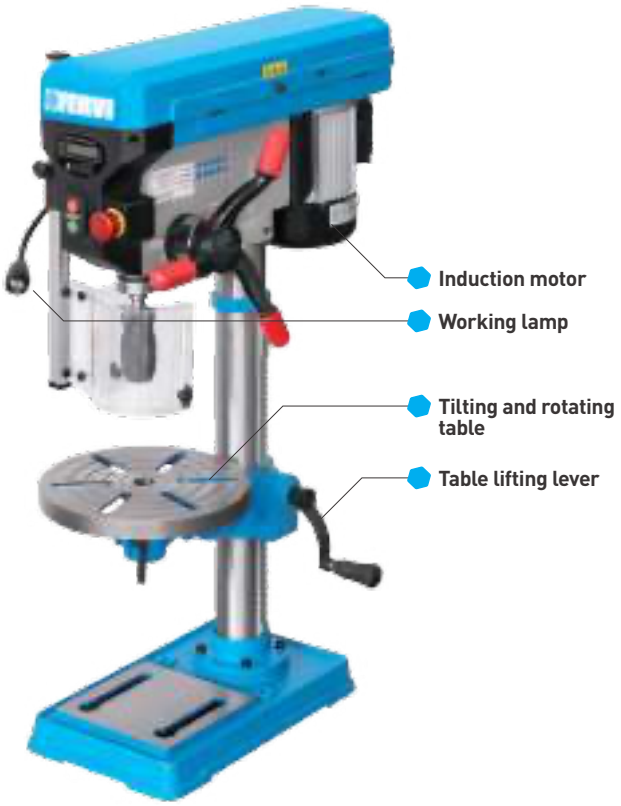
CM2 VERSION Ø 16 MM



0260

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.



INCLUDED ACCESSORIES

- Keyless chuck 1 ÷ 13 B16
- Drill chuck shank MT 2



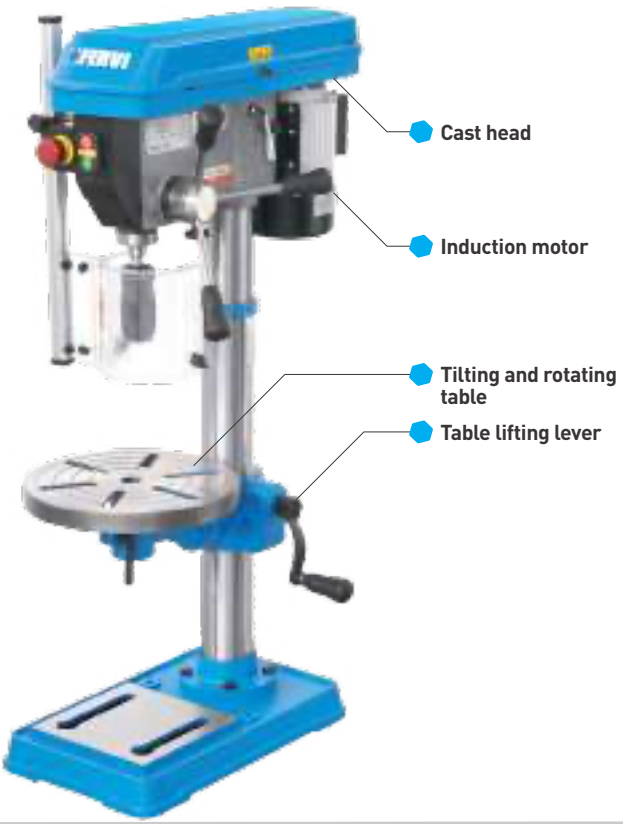


Max drilling capacity on cast iron with pre-drilling hole	Ø 20 mm
Max drilling capacity on steel with pre-drilling hole(s235jr)	Ø 16 mm
Continuous drilling capacity	Ø 12 mm
Spindle taper	CM 2
Chuck sizes	1 - 13 mm B16
Spindle speed	(16) 180 ÷ 2770 rpm
Spindle travel	85 mm
Quill	Ø 40 mm
Column	Ø 72 mm
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

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 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

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	1 - 13 mm B16
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 375 W
Dimensions	315 x 530 x 690h mm
Net weight	25 kg



0518/20

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.

PLAY



Continuous drilling capacity	Ø 20 mm
Key chuck	1.5 ÷ 13 mm B16
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
Base dimensions	155 x 80 mm
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

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	3 ÷ 16 mm B16
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

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	0,8 ÷ 16 mm B18
Spindle taper	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 1,05 kW
Dimensions	400 x 310 x 475 mm
BMC	587 x 489 x 265 mm
Net weight	35 kg

0518/80

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	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

0518/38M

MAGNETIC TAPPING/DRILL

With coolant system for core drills until 38mm with weldon shank ø 19.05mm and conical drill bits until ø 20mm. Tapping capacity M3 - M16.

NEW PRICE



Continuous drilling capacity	Ø 20 mm
Spindle taper	2
Arbor	Weldon Ø 19,05 mm
Spindle travel	180 mm
Max working capacity	Ø 38 mm
Tapping capacity	M3 ÷ 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



M037/16 NEW

ELECTRIC TAPPING MACHINE

Articulated arm with 2 joints for quick and precise positioning of the tapping tool. The head is tiltable and the spindle speed is variable, adapting to different machining needs. Equipped with advanced software for automatic management of cutting parameters.



Metric threads	M3 - M16
Inch threads	1/8" - 7/16"
Head tilt left and right	0° - 90°
Range of action	Min. 330 mm - Max. 1045 mm
Base locating slot	4 x 90° - Ø100 mm
Column	Ø 30 mm
Variable spindle speed	0 - 312 rpm
Motor	230 V 50/60 Hz 0,6 kW
Net weight	32 kg

M037/24 NEW

ELECTRIC TAPPING MACHINE

Articulated arm with 2 joints for quick and precise positioning of the tapping tool. The head is tiltable and the spindle speed is variable, adapting to different machining needs. Equipped with advanced software for automatic management of cutting parameters.



Metric threads	M6 - M24
Inch threads	3/16" - 7/8"
Head tilt left and right	0° - 90°
Range of action	Min. 370 mm - Max. 1180 mm
Base locating slot	4 x 90° - Ø100 mm
Column	Ø 40 mm
Variable spindle speed	0 - 200 rpm
Motor	230 V 50/60 Hz 1,2 kW
Net weight	49 kg

M037/B NEW

BENCH FOR ELECTRIC TAPPING MACHINE

Equipped with fixing holes for tapping machines, 3 slots for fixing parts directly on plane. Drawers on bearings. 2 fixed casters and 2 swivel casters with brakes.



Dimensions	900 x 600 x 800h mm
Drawer dimensions	320 x 120 mm
Slot	3 x 16 mm
Wheels	4 x Ø 70 mm
Net weight	92,5 kg

M037/BM1000 NEW

MAGNETIC BASE FOR ELECTRIC TAPPING MACHINE

Equipped with mounting holes for installation of M037/16 and M037/24 tapping machines. Includes a handy quick-release lever that facilitates assembly and disassembly operations. Allows the electric tapping machine to be placed on magnetizable parts so that the machine is portable.



Maximum capacity	1000 kg		
Holes	4 x M8	Net weight	18 kg
Slot distance	70 x 70mm	Dimensions	200 x 165 x 70h mm

M037/BM300 NEW

MAGNETIC BASE FOR ELECTRIC TAPPING MACHINE

Equipped with mounting holes for installation of M037/16 and M037/24 tapping machines. Includes a handy quick-release lever that facilitates assembly and disassembly operations. Allows the electric tapping machine to be placed on magnetizable parts so that the machine is portable.



Maximum capacity	300 kg		
Holes	4 x M8	Net weight	9,3 kg
Slot distance	70 x 70 mm	Dimensions	160 x 125 x 68h mm

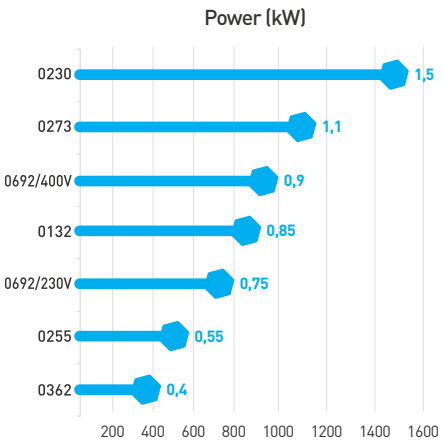


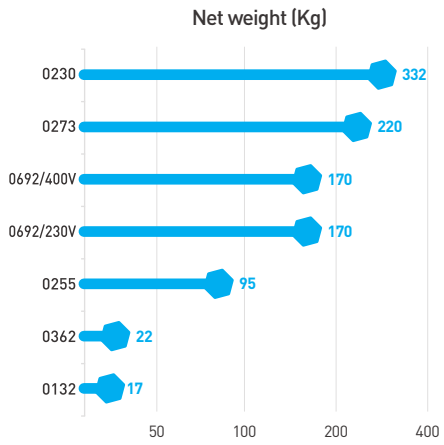
CUTTING BAND SAWS

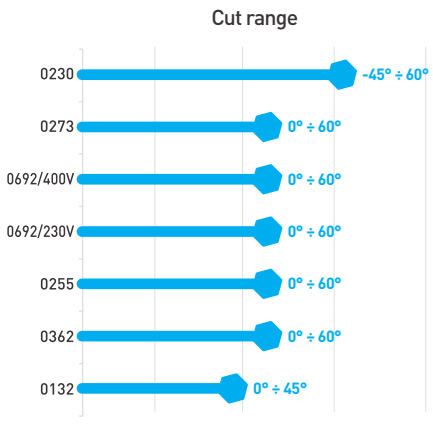


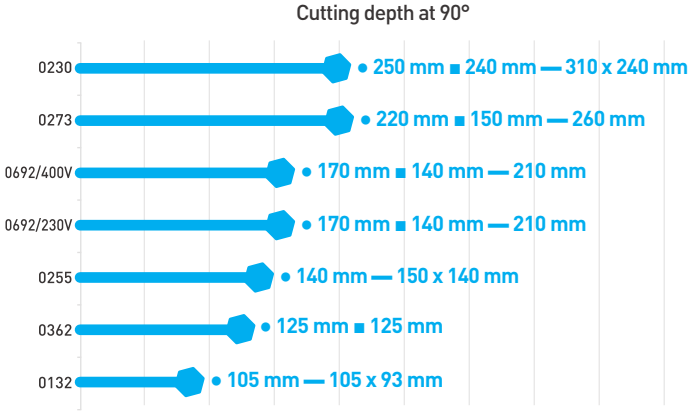


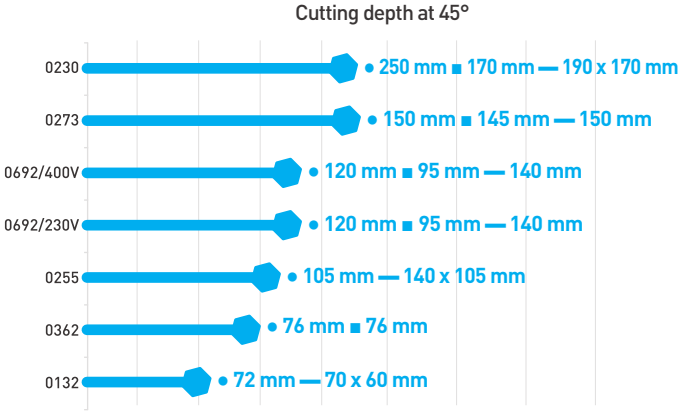










0230

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	2715 x 27 x 0,9 mm
Motor	400 V 50 Hz 0,75/1,5 kW
Cutting speed	36 - 72 m/min
Cutting angle	-45° ÷ 60°
Cutting depth at 90°	● 250 mm ■ 240 mm ▬ 310 x 240mm
Cutting depth at 45°	● 200 mm ■ 170 mm ▬ 190 x 170mm
Jaws	145 x 120h mm
Lateral stroke	380 mm
Vice opening	306 mm
Dimensions	1500 x 670 x 1520 mm
Net weight	332 kg

0273

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
Motor	400 V 50 Hz 0,59/1,1 kW
Cutting speed	36 - 72 m/min
Cutting angle	0° ÷ 60°
Cutting depth at 90°	● 220 mm ■ 150 mm ▬ 260 mm
Cutting depth at 45°	● 150 mm ■ 145 mm ▬ 150 mm
Cutting depth at 60°	● 90 mm ■ 85 mm
Jaws	150 x 120 h mm
Vice opening	260 mm
Dimensions	1720 x 880 x 1810h mm
Net weight	220 kg

0692/230V & 0692/400V

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	230 V 50 Hz 0,75 kW 400 V 50 Hz 0,75 kW
Cutting speed	65 m/min
Cutting angle	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 1620h mm
Net weight	170 kg

0255

METAL BAND SAW

With coolant system, quick vice, base with cabinet tools.

NEW PRICE



INCLUDED ACCESSORIES

- Base for tool stock
- Coolant pump
- Quick vice





Blade dimensions	1735 x 13 x 0,65 mm
Motor	230 V 50 Hz 0,55 kW
Cutting angle	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

ELECTRONIC CUTTING BAND SAW FOR BENCH

With brushless motor and variable cutting speed adjustment.







Blade dimensions	1435 x 12,7 x 0,65 mm
Motor	230 V 50/60 Hz 400 W
Cutting speed	35 ÷ 80 m/min
Cutting angle	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

CUTTING BAND SAW

Bench type, easy to carry, with two cutting speed.

PLAY







Blade dimensions	1335 x 12,7 x 0,65 mm
Speed	(2) 60 | 80 m/min
Cutting angle	0° ÷ 45°
Motor	230 V 50/60 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

0642

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
Cutting angle	± 45°
Cutting capacity	■ 100 x 100 mm — 200 x 40 mm ● 100 mm
Vice opening	155 mm - 190 mm - 230 mm
Net weight	19 kg

0133

ROLLER STAND



Roller shaft diameter	Ø 52 x 350 mm
Height	690 / 1200 mm
Maximum capacity	800 kg
Net weight	15 kg

R003/09

PANTOGRAPH ROLLER CONVEYOR



Capacity	130 kg
Roller dimensions	Ø 50 x 485 mm
Length	485 ÷ 1400 mm

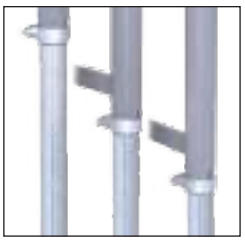
Height	610 ÷ 950 mm
Size	1460 x 660 x 950h mm
Net weight	31 kg

R001-

ADJUSTABLE HEIGHT ROLLER STAND

With independent height adjustment feet.







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

0565

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

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

0554 & 0554/400V



0552 & 0552/400V



0556



0553



0551



0377



S503



S510



S023



S383



0510



0023



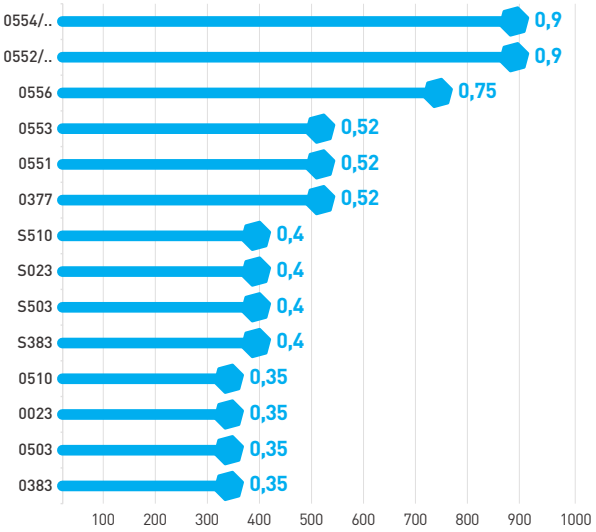
0503



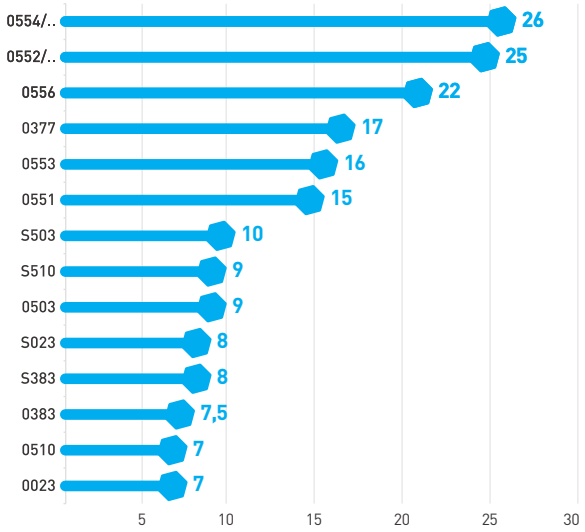
0383



Power (kW)



Weight (Kg)



P. 074

0554 & 0554/400V

PROFESSIONAL COMBINED BENCH GRINDER

Grinding wheel protection screen. Bracket for workpiece support.



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 0,9 kW 400 V 50 Hz 0,9 kW
Usage type	S2 - 10 min
Net weight	26 kg

0552 & 0552/400V

PROFESSIONAL BENCH GRINDER

Grinding wheel guards. Workpiece support square.



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

0556

PROFESSIONAL COMBINED BENCH GRINDER WITH LONG ARMS

Grinding wheel protection screen. Bracket for workpiece support.



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

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

PROFESSIONAL BENCH GRINDER

Grinding wheel protection screen. Bracket for workpiece support.



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 x 225 mm
Net weight	15 kg

0377

COMBINED BENCH GRINDER

Grinding wheel protection screen. Bracket for workpiece support.



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

S503

WET DRY BENCH GRINDER

With wet grinding wheel and dry grinding wheel.



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 400 W
Usage type	S2 - 10 min
Net weight	10 kg

S510

BENCH GRINDER WITH BRUSH

With brush and grinding wheel.



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 400 W
Usage type	S2 - 10 min
Net weight	9 kg

S023

BENCH GRINDER

With two grinding wheels of different grain.



Dry grinding wheel	2950 rpm - Ø 150 x 20 x 16 mm GR36 - GR80
Motor	230 V 50 Hz 400 W
Usage type	S2 - 10 min
Net weight	8 kg

S383

BENCH GRINDER WITH BELT

Grinding wheel protection screen.
Bracket for workpiece support.



Dry grinding wheel	2950 rpm Ø 150 x 20 x 16 mm GR36
Belt	50 x 686 mm GR100
Motor	230 V 50 Hz 400 W
Usage type	S2 - 10 min
Net weight	8 kg

0510

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 350 W
Usage type	S2 - 10 min
Net weight	7 kg

0023

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	230 V 50 Hz 350 W
Usage type	S2 - 10 min
Net weight	7 kg

0503

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 350 W
Usage type	S2 - 10 min
Net weight	9 kg

0383

BENCH GRINDER WITH BELT

Grinding wheel protection screen.
Bracket for workpiece support.



Dry grinding wheel	2950 rpm Ø150 X 20 X Ø12.7 mm GR36
Belt	50 x 686 mm GR100
Motor	230 V 50 Hz 350 W
Usage type	S2 - 10 min
Net weight	7,5 kg

0555

GRINDING WHEEL STAND

Heavy duty.



Height	760 mm
Column	Ø 75 mm
Table dimensions	320 x 210 mm
Net weight	13,5 kg

0106

GRINDING WHEEL STAND

Light duty.



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

0316

POWER CHAINSAW SHARPENER

With chain feed lever.
Grinding wheel protection screen.



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" - 0,235" - 3/8" - 0,404" - 3/4"
Motor	230 V 50 Hz 230 W
Net weight	5 kg

0502

POWER CHAINSAW SHARPENER

With chain feed lever. Grinding wheel protection screen.



Pink grinding wheel	Ø 100 x 4,5 x 10 mm
Sharpening	±35°
For chains	1/4" - 0,325" - 3/8" - 0,404"

Motor	230 V 50 Hz 250 W
Speed	7500 rpm
Usage type	intermittent S2

0770

PROFESSIONAL WATER-COOLED SHARPENING MACHINE

For sharpening knives, scissors, gouges, chisels and most common cutting tools. Water tank for workpiece cooling. Universal tool grinding device. Angle gauge for adjusting the grinding angle.







Motor	90 rpm | 230 V | 50 Hz | 200 W
Rotation speed of the wheels	90 rpm
Wet grinding wheel	Ø 250 x 50 x Ø 32 mm
Grit	220
Dry grinding wheel	Ø 200 x 30 x Ø 12 mm
Net weight	17 kg



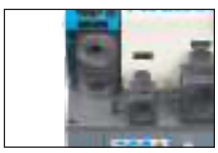
A003/32

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.

NEW PRICE







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

A003/13A

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.

PLAY

NEW PRICE







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

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

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

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

MANUAL GRINDER FOR SAW BLADE



Grinding capacity	Ø 80 ÷ 700 mm
Speed	2850 rpm
Motor	230 V 50 Hz 250 W
Net weight	29 kg

A003/32CBN

CBN WHEEL

For HSS twist drills from 13.1 to 32mm.



Dimensions 125 x 20 x 19 mm

A003/32SDC

DIAMOND GRINDING WHEEL IN SDC

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



Dimensions 125 x 20 x 19 mm

A003/32CBN13 NEW

CBN WHEEL

For HSS twist drills up to 13 mm.



A003/32SDC13 NEW

DIAMOND GRINDING WHEEL IN SDC

For hard metal twist drills up to 13mm.



A003/13ACBN

CBN WHEEL

For HSS twist drills from 3 to 13mm.



Dimensions 78,50 x 10 x 12,7 mm

A003/13ASDC

SDC WHEEL

For hard metal twist drills from 3 to 13mm.



Dimensions 78,50 x 10 x 12,7 mm

A0132A/MR

PINK GRINDING WHEEL

Thread M 8, ø 40 x 38mm inner ø 26mm.



A0132A/MB

WHITE GRINDING WHEEL

Thread M8, ø 40 x 38mm inner ø 26mm.



0804/MD

DIAMOND WHEEL

125 x 10 x F32 x 8 mm.



A004/14CBN

CBN WHEEL

For HSS end mills from 4 to 14mm.



A004/14SDC

SDC WHEEL

For hard metal end mills from 4 to 14mm.



A004/20CBN

SET OF 2 CBN WHEELS

For HSS end mills from 4 to 20mm.



A004/20SDC

SET OF 2 SDC WHEELS

For hard metal end mills from 4 to 20mm.



0770/MC

LEATHER GRINDING WHEEL

For finishing sharpening of knives, chisels and for most common cutting tools. Compatible with art.0770.



Dimensions Ø 200 x 30 x Ø 12 mm

0770/MA

ABRASIVE WHEEL

For rough grinding of knives, chisels and most common cutting tools. Compatible with art.0770



Dimensions Ø 250 x 50 x Ø 32 mm
Grit 220

0691/400V

TILTING BELT SANDER

The rubberized rollers and graphite support bearings provide an even torque throughout use and guarantee the belt's alignment, which can be corrected if necessary using the adjustment knob. The belt is easy to replace via the quick-change mechanism, avoiding unnecessary wasted time. The sander can be tilted quickly thanks to the quick-release lever, allowing you to carry out complex work in comfort.







Belt dimensions	2000 x 150 mm
Speed	(2) 18-37 m/sec
Three-phase motor	400 V 50 Hz 4 kW
Net weight	110 kg
Dimensions	560 x 1000 x 1010h mm

0701

TILTING BELT SANDER

The rubberized rollers and graphite support bearings provide an even torque throughout use and guarantee the belt's alignment, which can be corrected if necessary using the adjustment knob. The belt is easy to replace via the quick-change mechanism, avoiding unnecessary wasted time. The sander can be tilted quickly thanks to the quick-release lever, allowing you to carry out complex work in comfort.







Belt dimensions	2000 x 150 mm GR80
Speed	(2) 15-30 m/sec
Motor	400 V 50 Hz 2,4/2,8 kW
Dimensions	1000 x 540 x 610h mm
Net weight	84 kg

0662

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	1940 rpm
Dimensions	710 x 510 x 1000h mm
Motor	230 V 50 Hz 0,75 kW
Net weight	54 kg

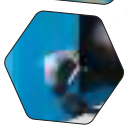
0560

BENCH CHAMFERING MACHINE

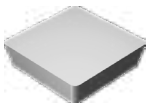
SPUN13P

SPARE PART INSERT









Chamfer	45° 0 - 5 mm
Speed	2800 rpm
Motor	230 V 50 Hz 250 W
Table dimensions	2 - 400 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	21 kg

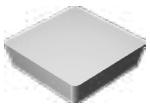
0022

PORTABLE CHAMFERING MACHINE

SPUN13P

SPARE PART INSERT





Chamfer	15° - 45° 0 - 5 mm
Speed	2950 rpm
Motor	230 V 50 Hz 250 W
Plate Dimensions	2 - 200 x 50 mm
Mill size	Ø 80 mm - Z 8
Insert	SPUN13P
Net weight	11,5 kg

0285/75

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

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

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

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

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

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

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

MANUAL 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

BENDING MACHINE



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

0483

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

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

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

BLADE SET



0773/05L

BLADE SET



Art.	Dimensions	Base dimensions	Handle length	Blade length	Flat bar	Plate thicknesser	Round	Net weight
0773/05	290 x120 x 240 mm	240 x 90 mm	410 mm	130 mm	38 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	10 kg
0773/10	420 x 120 x 390 mm	400 x 90 mm	800 mm	250 mm	70 x 3 mm	0,5 ÷ 3 mm	Ø 6 mm	19 kg

0892

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

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 / Ø 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

MOTORIZED 3 ROLL PIPE & PROFILE BENDING MACHINES

Horizontal and vertical operation for pipes, profiles and bars.







Roller 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

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 Ø 16 mm Stainless Steel Ø 14 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

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

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

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

HYDRAULIC PIPE 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

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	Ø 20 ÷ 50 mm
Max bending angle	120°
Handle length	1000 mm
Net weight	65 kg

0719

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 Ø 25 mm | Stainless Steel Ø 22 mm
Square	20 x 20 mm
Net weight	46 kg

0723

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 PIPE BENDER

0292



Art.	Sizes
0292	Ø 8 - 10 - 12 mm
0292/14	Ø 14 mm
0292/16	Ø 16 mm

0758

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

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

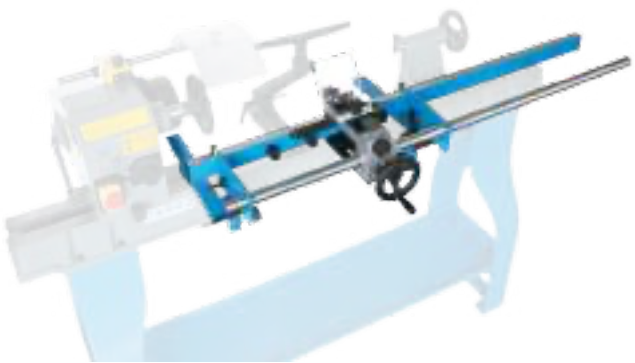




Distance between centers	900 mm
Centers height	155 mm
Maximum turning diameter	310 mm
Thread	1" - 8 TPI
Tailstock	MT 2
Motor	230 V 50 Hz 370 W
Spindle speed	500 ÷ 2000 rpm
Net weight	75 kg

0758/C

COPY DEVICE FOR WOOD LATHE



Distance between centers	1000 mm



0648

WOOD LATHE WITH COPY DEVICE

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

INCLUDED ACCESSORIES

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





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	457 mm	125 mm	250 mm	230 V 50 Hz 370 W	(5) 700 - 3000 rpm	1" - 8 TPI	CM 2	33 kg
0497/300	457 mm	150 mm	300 mm	230 V 50 Hz 550 W	(5) 700 - 3000 rpm	1" - 8 TPI	CM 2	33 kg



0498

8 FUNCTIONS COMBINE MACHINE

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

NEW PRICE



Overall dimensions	1880 x 1500 x 1050 mm
Tables height	840 mm
Motor	3 x 230 V 50 Hz 2,2 kW
Net weight	445 kg



BENCH SAW	
Main table dimensions	1045 x 800 mm
Blade dimensions	254 x 3,2 x 30 mm 24 Z
Plate Dimensions	1285 x 310 mm
Blade speed	4050 rpm
Cut height	65 mm 90° - 45 mm 45°



PLANER THICKNESSER	
Plate Dimensions	1285 x 310 mm
Arbor size	Ø 75 mm
Inlet size	ø 100 mm
Blade dimensions	Ø 80 x 3,2 x 20 mm 8 Z
Blade	3
Planer capacity	310 x 5 mm
Thickness capacity	310 x 180 mm
Spindle speed	4000 rpm



SLIDING CARRIAGE	
Max cutting length with saw bench	1370 mm
Sliding table	1500 x 840 mm
SCORING BLADE	
Blade speed	6300 rpm



MORTISER	
Vertical stroke	0 ÷ 80 mm
Longitudinal travel	0 ÷ 85 mm
Cross travel	0 ÷ 140 mm
Spindle speed	4000 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



0499

12'' PLANER & THICKNESSER

With mortise option.






Overall dimensions	1290 x 550 x 1000 mm
Tables height	810 mm
Plate 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

COMBINED PLANER AND THICKNESSER

With cast iron tables.






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

0517A

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

COMBINED PLANER AND THICKNESSER

With aluminum working tables.



INCLUDED ACCESSORIES

- Knife for planer (Art. 0686/200C)

Dimensions	770 x 430 x 450h mm
Tables height	360 mm
Plate Dimensions	737 x 210 mm
Arbor	Ø 50 mm
Blade	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

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

"WESTCOTT" CHUCK



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

M057/16

"WESTCOTT" CHUCK



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

0697

SET MAGNETIC QUICK PLANER KNIFE SETTING JIG



For planer blade with cutter arbor	Ø 75 ÷ 125 mm

0499/C

KNIVES SET

For planer and thicknesser.



Sizes	310 x 30 x 3 mm

0749/C

SET OF KNIVES FOR PLANER

For thickness planer.



Sizes	250 x 30 x 3 mm

0517/59

KNIVE SET FOR THICKNESSER

For thickness planer.



Sizes	335 x 12 x 1,5 mm

0686/200C

SET OF KNIVES FOR PLANER

For thickness planer.



Sizes	210 x 22 x 2 mm

0559

2 IN 1 SPINDLE MOULDER AND SPINDLE SANDER

For milling and drilling in wood, sanding by mounting sandpaper.





Motor	230 V 50 Hz 1,5 kW
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

SANDING DRUM

Abrasive belt not included.



0504

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

PARTIALLY ASSEMBLED PANEL SAW

Capacity 254 mm, partially assembled.





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

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

PANEL SAW

Capacity 310mm, 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

CIRCULAR SAW BENCH

315mm, professional, 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

0827

NEW

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 50/60 Hz 2 kW
Motor speed	4500 rpm
Net weight	25 kg

0871

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 50/60 Hz 2 kW
Motor speed	4500 rpm
Net weight	25 kg

0870/250

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

PORTABLE UNIVERSAL MITRE SAW STAND

Folding stand, with a load capacity up to 220 kg.



Working height	945 mm
Extension height	1030 ÷ 1180 mm
Stand length	1360 mm
Extensions height operation length	1360 ÷ 3040 mm
Clamp size	505 x 35 x 90 mm
Dimensions	1620 x 825 x 1075h mm
Capacity	220 kg
Net weight	17,5 kg



WOOD BAND SAW

0764/455



0764



0509/340



0509/305



0509/245



0855



FC94/350



FC94/245



0302/305



0302/245



0302/200

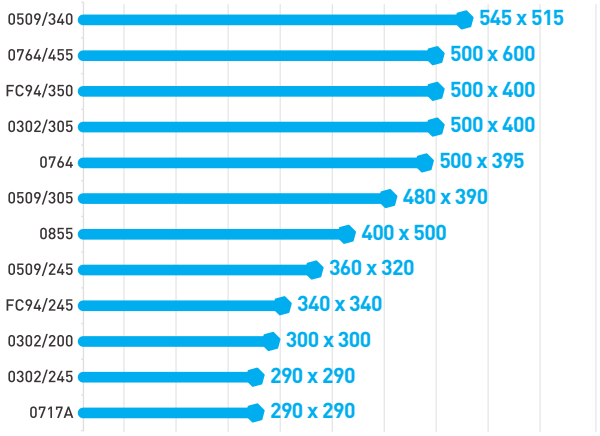


0717A

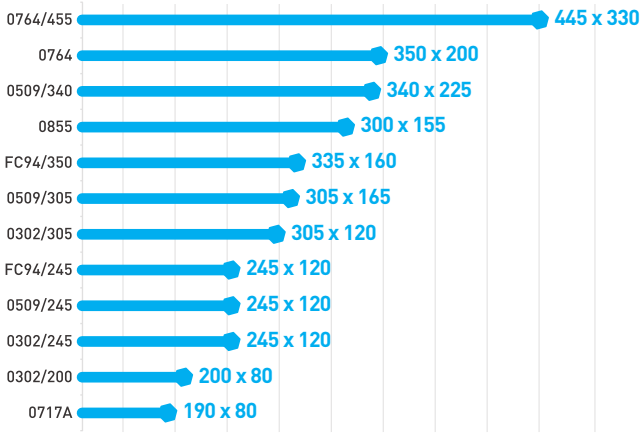


WOOD BAND SAW

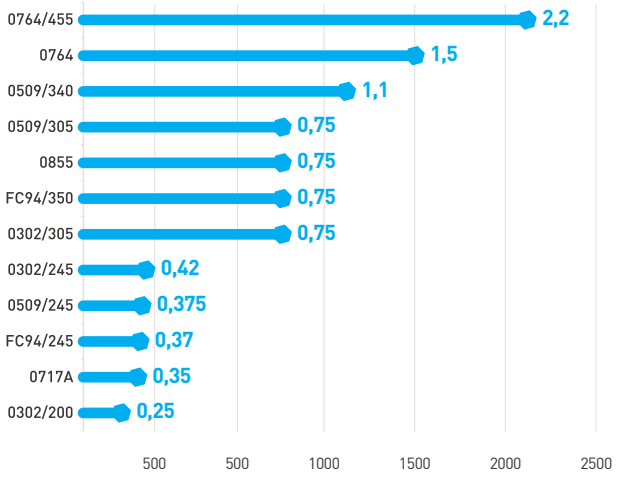
Table dimensions (mm)



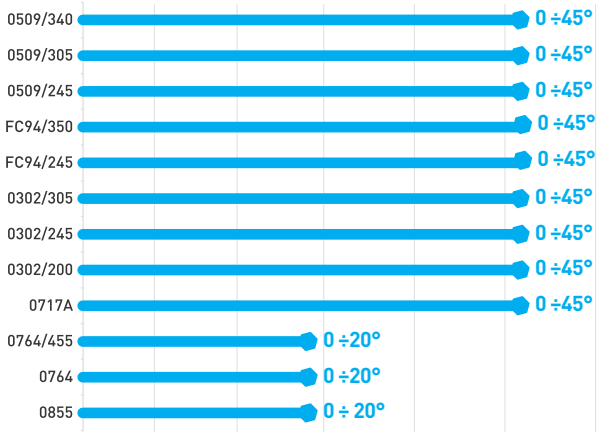
Cutting capacity (mm)



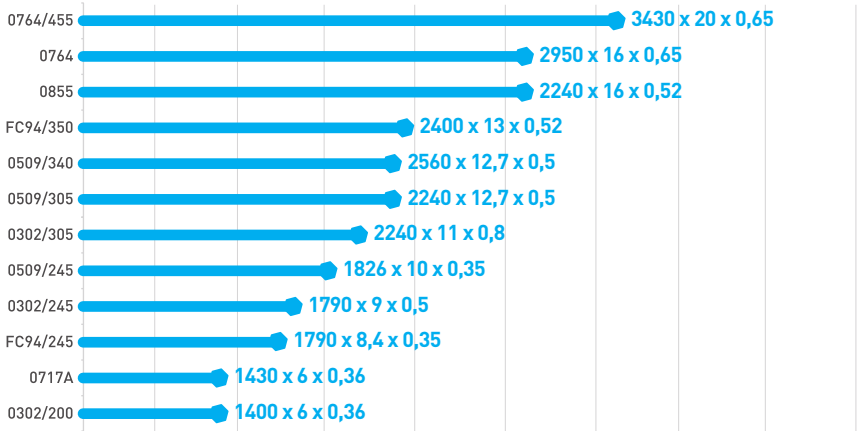
Power (kW)



Tilting table



Blade dimensions



0764/455

WOOD BAND SAW

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







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

WOOD BAND SAW

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







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 1710h mm
Net weight	130 kg

0509/340

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 1720h mm
Net weight	70 kg

0509/305

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 1585h mm
Net weight	62 kg

0509/245

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	230 V 50 Hz 375 W
Dimensions	750 x 480 x 1420 mm
Net weight	37 kg

0855

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

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 1540h mm
Net weight	79 kg

FC94/245

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 370 W
Dimensions	420 x 250 x 800h mm
Net weight	29 kg

0302/305

WOOD BAND SAW

With aluminium table.



PLAY

Saw wheel	Ø 315 mm
Cutting capacity	305 x 120 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	800 x 500 x 1580h mm
Net weight	58 kg

0302/245

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 420 W
Dimensions	600 x 400 x 1480h mm
Net weight	28 kg

0302/200

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 680h mm
Motor	230 V 50 Hz 250 W
Net weight	17 kg

0717A

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 350 W
Dimensions	430 x 355 x 665h mm
Net weight	17 kg

0523

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. 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	230 V 50 Hz 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

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	230 V 50 Hz 0,5 kW
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

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	230 V 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

BENCH BELT 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 450 W 1450 rpm
Table dimensions band	180 x 150 mm
Table dimensions disc	250 x 120 mm
Net weight	26 kg

0144

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

BLADES SET



0753/A

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 120 W
Net weight	16 kg

0720

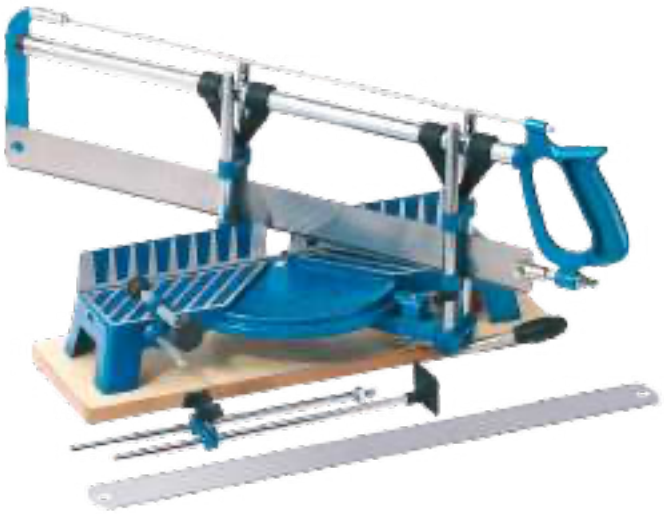
PRECISION MITRE SAW

With depth of cut adjustment, corner selection lever.

0720/L

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

MANUAL LOG SPLITTER

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

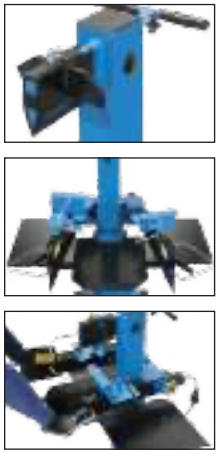


Log capacity	ø 254 x 460 mm
Max splitting force	1,2 ton
Blade dimensions	100 x 80h mm
Net weight	8,5 kg

S009

VERTICAL HEAVY DUTY LOG SPLITTER

7 ton, with cross log splitter.





Working height	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

DUST COLLECTOR

Partially assembled





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 | 260GSM
Dimensions	1450 x 800 x 2000 mm
Net weight	48 kg

0759

DUST COLLECTOR

Partially assembled





Inlet size	2 x ø 100 mm
Air flow	2500 m3/h
Filtration rate	5 micron
Cloth bag	Ø 510 mm | 260GSM
Motor speed	2950 rpm
Vacuum suction	1,95 kPa
Motor	230 V 50 Hz 1,5 kW
Dimensions	840 x 560 x 1800h mm
Net weight	40 kg

0756

DUST COLLECTOR

Partially assembled.





Inlet size	100 mm
Air flow	850 m3/h
Filtration rate	5 micron
Cloth bag	Ø 370 mm | 220GSM
Motor speed	2950 rpm
Vacuum suction	1,08 kPa
Motor	230 V 50 Hz 0,75 kW
Dimensions	500 x 600 x 1700h mm
Net weight	23 kg

0507

DUST COLLECTOR

Partially assembled.





Inlet size	100 mm
Air flow	900 m3/h
Filtration rate	5 micron
Cloth bag	ø 320 mm | 260GSM
Motor speed	2840 rpm
Vacuum suction	0,70 kPa
Motor	230 V 50 Hz 0,55 kW
Dimensions	500 x 600 x 1700h mm
Net weight	18 kg

0495

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 | 306GSM
Motor	230 V 50 Hz 0,75 kW
Dimensions	395 x 325 x 350 mm
Net weight	14 kg



0759/F

FILTER BAG



Dimensions	Ø 510 mm x 855h mm
Cloth bag	260GSM

0759/S

PLASTIC BAG SET



10 Pcs

Dimensions	Ø 510 mm x 855h mm

0756/F

FILTER BAG



Dimensions	Ø 370 mm x 590h mm
Cloth bag	220GSM

0756/S

PLASTIC BAG SET



10 Pcs

Dimensions	Ø 370 mm x 590h mm

0756/T

PLASTIC HOSE FITTING

With metal core.



Max length	2 m
Diameter	100 mm

0756/Y

Y FITTING



Diameter	100 mm

0507/Y

Y FITTING



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

0507/14

PLASTIC BAG SET



10 Pcs

Dimensions	Ø 330 mm x 500h mm

0507/15

FILTER BAG



Dimensions	Ø 320 mm x 590h mm
Cloth bag	260GSM

0507/07

PLASTIC HOSE FITTING

With metal core.



Length	2 m
Diameter	100 mm

0507/4R

FITTING WITH 4 DIAMETERS

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



Diameter	100 mm

0495/24

FILTER BAG

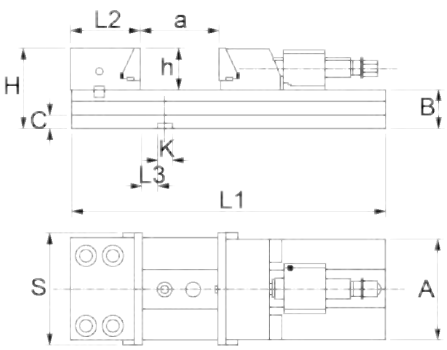


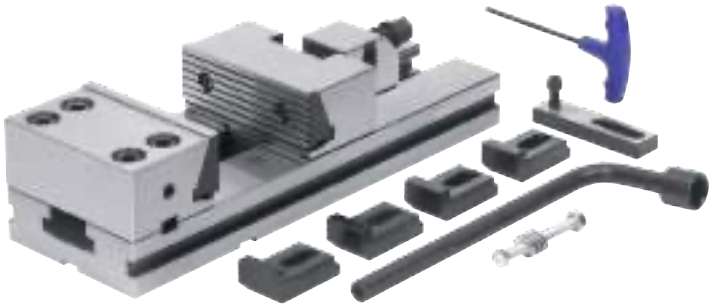
Dimensions	Ø 380 mm x 530h mm
Cloth bag	306GSM

M011-

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.









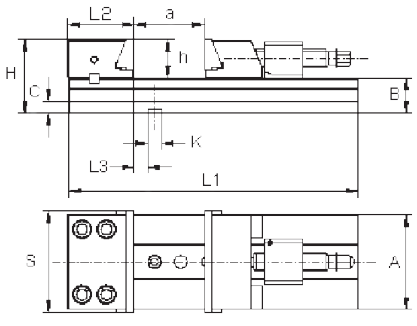
Wooden Box | Steel | Tempered | Grounded | Mill

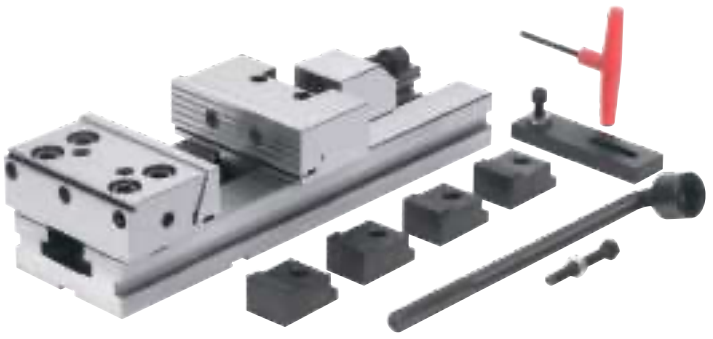
Art.	Jaw dimensions	S	A	B	C	H	L1	L2	L3	h	K h7	a	Net weight
M011/125/150	125 x 50h mm	125 mm	125 mm	40 mm	15 mm	90 mm	350 mm	80 mm	25,6 mm	50 mm	16 mm	150 mm	19 kg
M011/150/210	150 x 60h mm	150 mm	150 mm	50 mm	20 mm	110 mm	435 mm	93 mm	25,6 mm	60 mm	16 mm	210 mm	35 kg
M011/150/300	150 x 60h mm	150 mm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

M028-

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	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	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	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	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	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	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	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	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	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	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	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	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	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

SPARE PART JAWS



Box Steel Tempered Grounded

Art.	Description	Jaw dimensions
M011/125GP	Prismatic jaw	125 x 40h mm
M011/125GR	Pair of striped jaws	125 x 40h mm
M011/150GP	Prismatic jaw	150 x 45h mm
M011/150GR	Pair of striped jaws	150 x 45h mm

M028-xG

SPARE PRISMATIC JAW



Box Steel Tempered

Art.	Dimensions
M028/100GP	100 x 24,5h mm
M028M029/125GP	125 x 32h mm
M028M029/150GP	150 x 40h mm
M028/175GP	175 x 43h mm
M028/200GP	200 x 53h mm

M028-xGR

SPARE RIBBED JAWS



Steel Grounded

Art.	Jaw dimensions
M028/100GR	100 x 30h mm
M028/125GR	125 x 40h mm
M028/150GR	150 x 50h mm
M028/175GR	175 x 60h mm
M028/200GR	200 x 65h mm

M061

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

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

M012-

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.



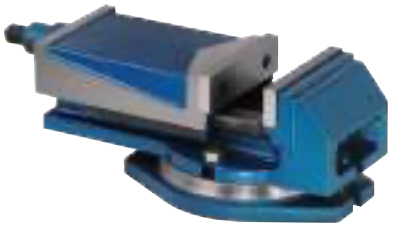
Wooden Box Steel Tempered Grounded Mill

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

M023-

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	100 x 35 mm	80 mm	310 x 165 x 130h mm	215 x 165 mm	195 mm	14 mm	11 kg
M023/125	125 x 40 mm	100 mm	355 x 190 x 127h mm	255 x 185 mm	195 mm	14 mm	15 kg
M023/160	160 x 50 mm	125 mm	422 x 235 x 162h mm	300 x 235 mm	275 mm	16 mm	30 kg
M023/200	200 x 61 mm	160 mm	490 x 270 x 175h mm	360 x 280 mm	315 mm	18 mm	47 kg

M014-

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	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	100 x 35 mm	75 mm	242 x 129 x 106h mm	135 x 186 mm	160 mm	14 mm	9 kg
M014/125	125 x 40 mm	95 mm	285 x 166 x 126h mm	166 x 210 mm	185 mm	14 mm	14 kg
M014/160	160 x 52 mm	120 mm	390 x 218 x 166h mm	218 x 275 mm	245 mm	18 mm	28 kg
M014/200	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	136 x 32 mm	170 mm	375 x 162 x 123h mm	223 x 165 mm	200 mm	14 mm	14 kg
M024/160	160 x 50 mm	180 mm	402 x 182 x 142h mm	252 x 182 mm	225 mm	14 mm	23 kg
M024/200	200 x 45 mm	220 mm	470 x 234 x 172h mm	290 x 222 mm	260 mm	18 mm	33 kg
M024/250	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	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	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	160 x 50 mm	125 mm	0° - 90°	443 x 270 x 194h mm	325 x 250 mm	300 mm	18 mm	35 kg

M017-

DRILL PRESS VICE HEAVY DUTY

Equipped with prismatic jaws, with screw protection from dust and other residues.



Box Cast Iron Drill press

Art.	Jaws	Jaw height	Opening	Base dimensions	Slot distance	Net weight
M017/080	80 mm	25 mm	87 mm	185 x 155 mm	118 mm	4,3 kg
M017/100	100 mm	32 mm	100 mm	230 x 200 mm	152 mm	7,8 kg

M027-

DRILL PRESS VICE

Equipped with scraped guides for greater precision and better sliding.



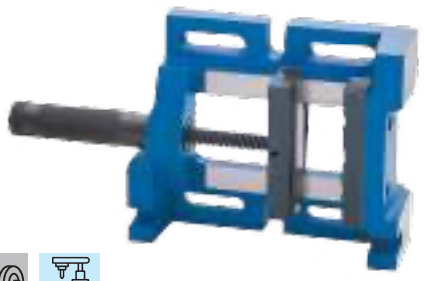
Box Cast Iron Mill Drill press

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

M016-

MACHINE VICE HORIZONTAL - VERTICAL

Equipped with a prismatic and a smooth jaw, constant overall length thanks to the screw inserted in the handle. Adjusted to 3 positions so that it can be fixed in horizontal, vertical and lateral positions.







Box Cast Iron Drill press

Art.	Jaws	Jaw height	Opening	Base dimensions	Net weight
M016/075	75 mm	30 mm	70 mm	150 x 142 mm	3 kg
M016/100	100 mm	30 mm	95 mm	175 x 160 mm	4,3 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	100 mm	80 mm	182 x 156 mm	4 kg
M001/120	120 mm	110 mm	200 x 175 mm	5 kg
M001/150	150 mm	135 mm	230 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	75 X 24 mm	55 mm	123 x 115 mm	1,5 kg
0142/100	100 x 25,5 mm	85 mm	160 x 155 mm	2,5 kg
0142/125	125 x 30 mm	100 mm	182 x 182 mm	4 kg

0698/100

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

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	100 x 25 mm	90 mm	240 x 140 mm	140 mm	130 mm	110 mm	7,5 kg
0188/125	125 x 40 mm	110 mm	255 x 160 mm	150 mm	170 mm	130 mm	13 kg
0188/150	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	100 X 25 mm	90 mm	210 x 150 mm	175 mm	130 mm	110 mm	18mm	11,5 kg
0188/125G	125 X 40 mm	120 mm	230 x 175 mm	180 mm	150 mm	120 mm	20mm	14,5 kg
0188/150G	150 X 45 mm	150 mm	235 x 195 mm	190 mm	170 mm	115 mm	20mm	19,5 kg

0766-

MAGNETIC PARALLEL SERIES

Ground in pairs. Used as workpiece shims in a wide variety of machining operations, ensuring parallel clamping. Thanks to the magnetic coupling, clamping times are reduced.



11 Pcs | Box | 65Mn | Tempered | Grounded

Art.	Dimensions	Hardness	Accuracy
0766/090	90 x 2,5 x (15-22-25-30-32) mm	HRC 60	± 0,005 mm
0766/125	125 x 2,5 x (15-30-35-37-39) mm	HRC 60	± 0,005 mm
0766/150	150 x 2,5 x (25-35-40-45-47) mm	HRC 60	± 0,005 mm

P014

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

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

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

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.



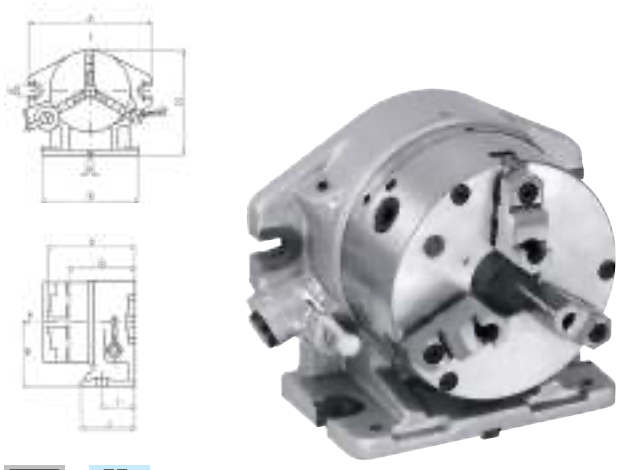
Wooden Box | Mill

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

D003

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	**H**	149,25 mm
A	310 mm	**I**	80 mm
B	255 mm	**J**	130 mm
C	210 mm	**K**	16 mm
D	259,25 mm	**Hole**	62 mm
E	18 mm	**Hor. max load**	50 kg
F	214 mm	**Ver. max load**	10 kg
G	171,5 mm	**Net weight**	52 kg

T016/100

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.



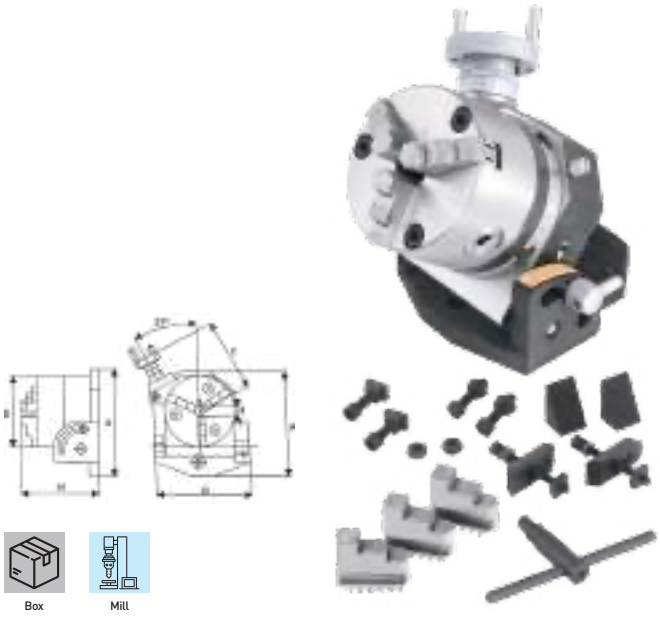
Box | Mill

A	143 mm	**Revolution**	360°
B	130 mm	**Tilting table**	90°
C	105 mm	**Ratio**	1:36
D	102 mm	**Slots**	4 x 6,35 mm | 5/16"
d	18 mm	**Horizontal height**	102 mm
H	68 mm	**Net weight**	5 kg

T017/100

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.



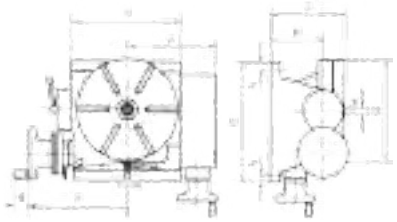
Box | Mill

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



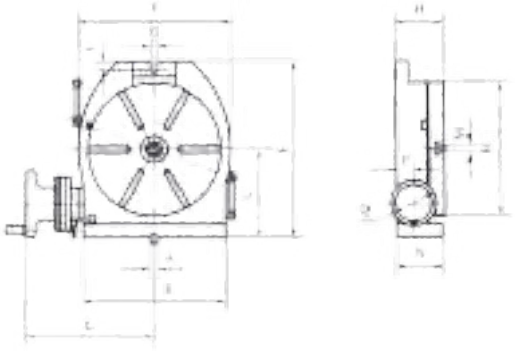
Box

Art.	For rotary table	Ratio	Plates holes	Hole	External
D005	T001/250 - 320, T002/160 - 320	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	38 mm	130 mm
D005/400	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

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
T002/160	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	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	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	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	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

ADJUSTABLE TAILSTOCK



Wooden Box

Mill

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

C051

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

ADJUSTABLE TAILSTOCK



Wooden Box

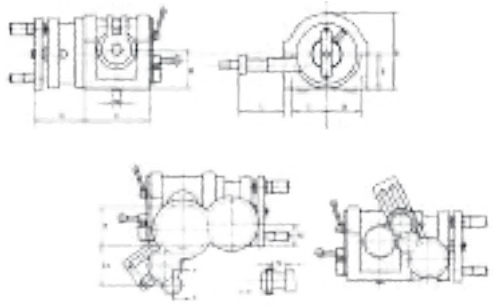
Mill

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

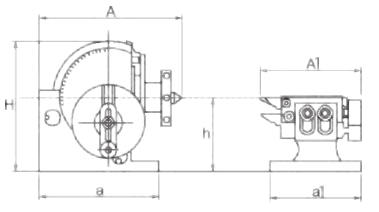
Mill

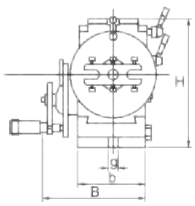
Art.	A	B	C	D	E	F	G	H	L	MT	N	P	Chuck sizes	Ratio	Capacity	Plates holes	Net weight
D004/125L	209 mm	18 mm	116 mm	98 mm	224 mm	117 mm	120 mm	125 mm	103 mm	4	34,5 mm	100 mm	Ø 160 mm	1:40	130 kg	24 - 25 - 28 - 30 - 34 - 37 - 38 - 39 - 41 - 42 - 43 - 46 - 47 - 49 - 51 - 53 - 54 - 57 - 58 - 59 - 62 - 66	119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

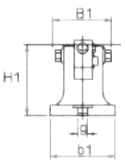
D006-

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	193 mm	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	242 mm	168 mm	220 mm	128 mm	206 mm	113 mm	16 mm	183 mm	87 mm	137 mm	128 mm	158 mm	110 mm	Ø 160 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

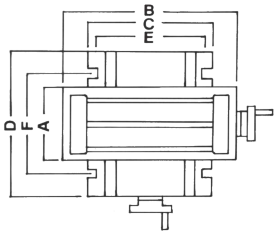
CROSS WORKING TABLE

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
Division	0,05 mm
Net weight	70 kg



T014G

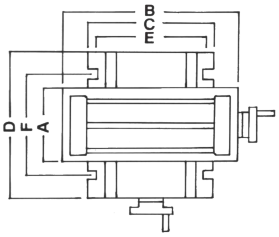
SWIVELING CROSS WORKING TABLE

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



Wooden Box | Cast Iron | Mill

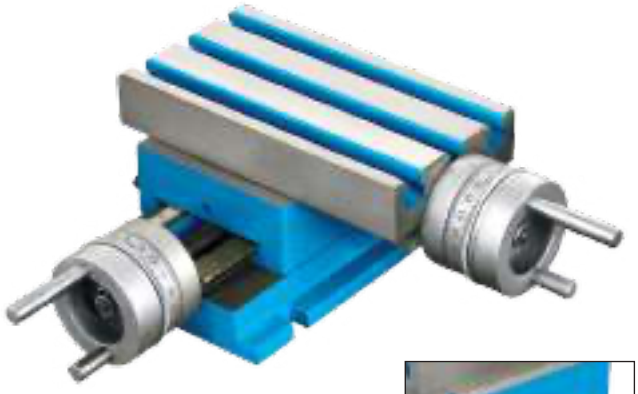
A	240 mm
B	600 mm
C	280 mm
D	340 mm
E	260 mm
F	250 mm
Slot	12 mm
Height	160 mm
Travels	155 x 370 mm
Division	0,02 mm
Net weight	60 kg



T015

CROSS WORKING TABLE

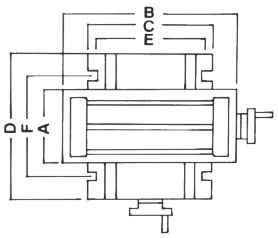
With adjustable graduation of the handwheel. Equipped with conical gib with screw on the head and scraped guides for greater precision and better sliding.





Box | Cast Iron | Mill

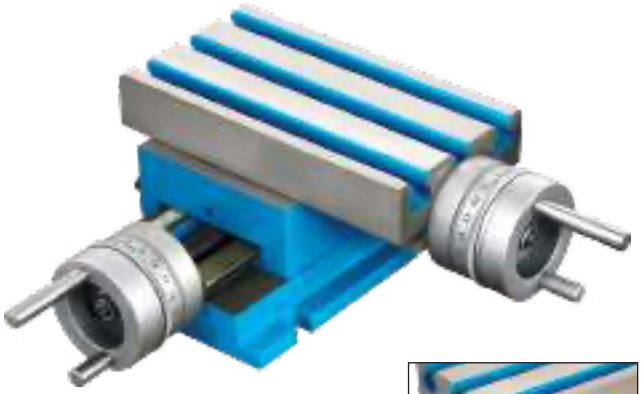
A	100 mm
B	185 mm
C	130 mm
D	170 mm
E	104 mm
F	103 mm
Slot	10 mm
Height	100 mm
Travels	50 x 80 mm
Division	0,01 mm
Net weight	10 kg



T015/E

CROSS WORKING TABLE

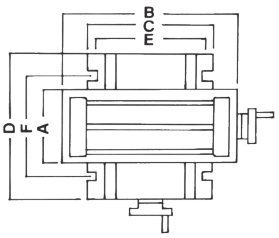
With adjustable graduation of the handwheel.





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
Division	0,01 mm
Net weight	10 kg



T008

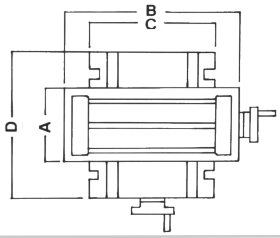
CROSS WORKING TABLE

Cast iron cross table, suitable for milling machines.



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

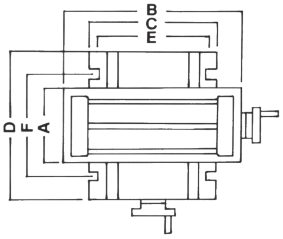
CROSS WORKING TABLE

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
Division	0,05 mm
Overall dimensions	415 x 255 mm
Net weight	6 kg



T018/330

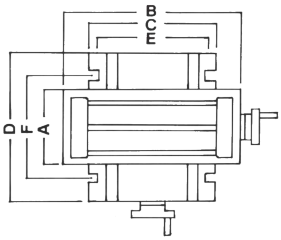
CROSS WORKING TABLE

With fixed millimeter scale for longitudinal table movements.



Box | Aluminum | Mill | Drill press

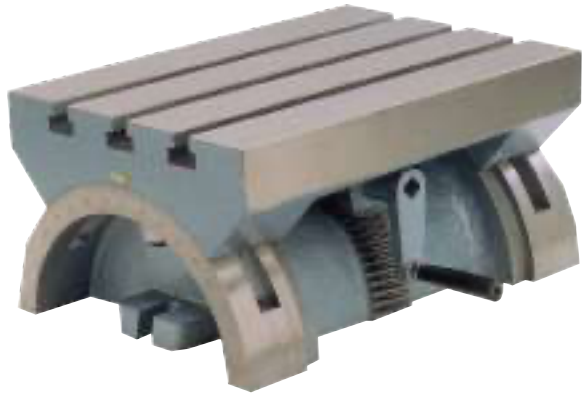
A	95 mm
B	330 mm
C	125 mm
D	145 mm
Height	82 mm
Slot	8 mm
Slot distance	36 mm
Travels	190 x 65 mm
Division	0,05 mm
Overall dimensions	395 x 210 mm
Net weight	2,5 kg



T004-

ADJUSTABLE ANGLE PLATE

With tilting regulation on both sides.



Wooden Box | Cast Iron | Mill

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

P077-

PERMANENT MAGNETIC CHUCK



Wooden Box | Steel

Art.	Dimensions	Magnetic force	Pole pitch	Net weight
P077/1525	250 x 150 x 60 mm	180 N/cm2	3 + 12 mm	17 kg
P077/1530	300 x 150 x 60 mm	180 N/cm2	3 + 12 mm	20 kg
P077/2040	400 x 200 x 60 mm	180 N/cm2	3 + 12 mm	37 kg
P077/3050	500 x 300 x 60 mm	180 N/cm2	3 + 12 mm	65 kg
P077/3060	600 x 300 x 60 mm	180 N/cm2	3 + 12 mm	80 kg

P078-

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	250 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	16 kg
P078/1530	300 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	17 kg
P078/1535	350 x 150 x 48 mm	120 N/cm2	0,5 + 1,5 mm	20 kg
P078/1540	400 x 150 x 51 mm	120 N/cm2	0,5 + 1,5 mm	24 kg
P078/1545	450 x 150 x 51 mm	120 N/cm2	0,5 + 1,5 mm	27 kg
P078/2045	450 x 200 x 51 mm	120 N/cm2	0,5 + 1,5 mm	38 kg
P078/2050	500 x 200 x 58 mm	120 N/cm2	0,5 + 1,5 mm	57 kg
P078/2060	600 x 200 x 58 mm	120 N/cm2	0,5 + 1,5 mm	55 kg

P079-

MAGNETIC TOP WITH BREAST BAR



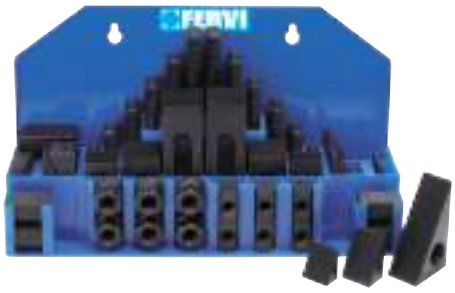
Box | Steel

Art.	Dimensions	Magnetic force	Pole pitch	Tilting	Net weight
P079/1515	150 x 150 x 86 mm	120 N/cm2	0,5 + 1,5 mm	0° - 60°	17 kg
P079/1530	150 x 300 x 86 mm	120 N/cm2	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	12 mm	M10
K001/14	14 mm	M12
K001/16	16 mm	M14
K001/18	18 mm	M16

K002-

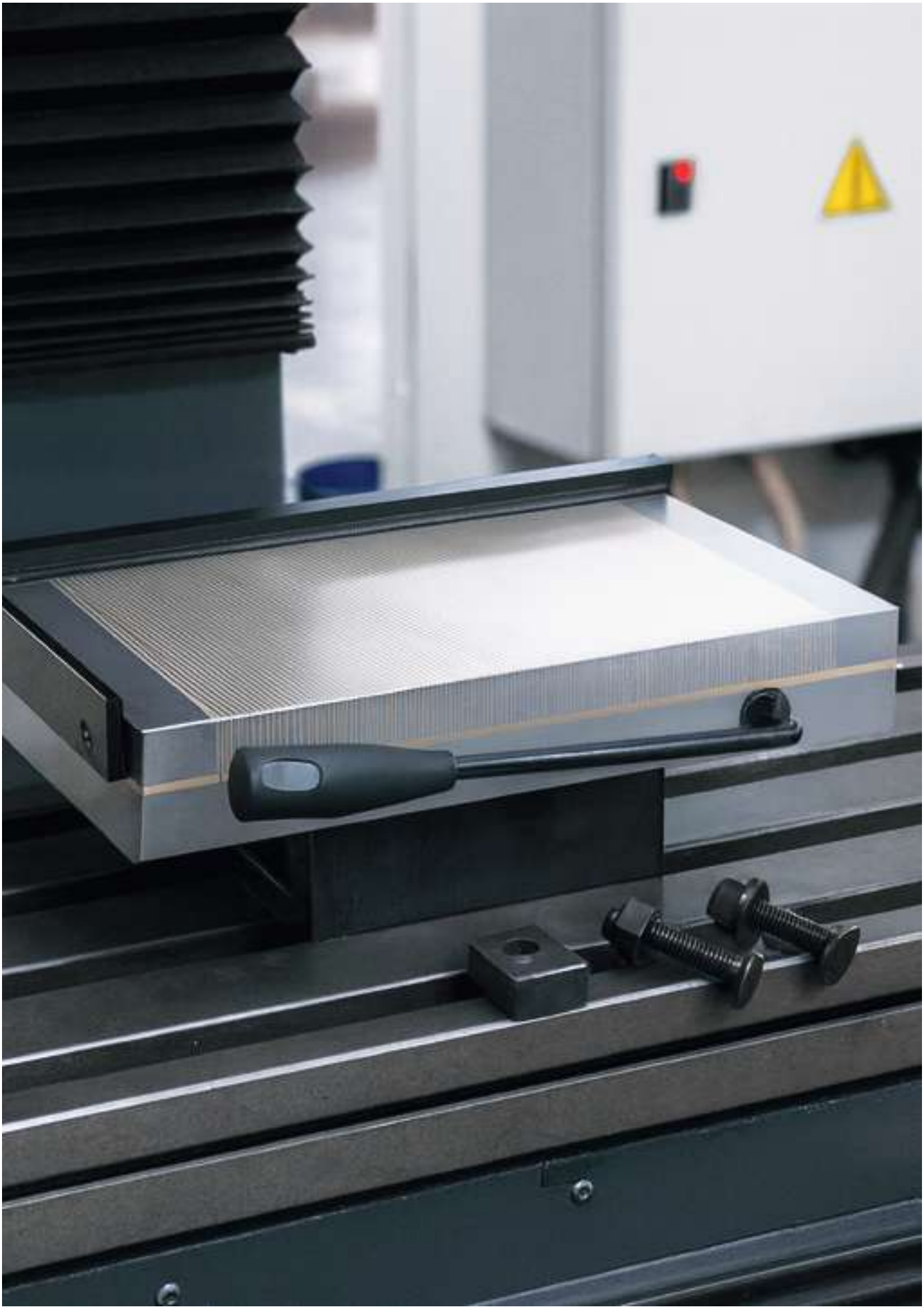
CLAMPING SET

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

Art.	2 Step blocks	2 Clamp	2 Studs with Tee nuts	Slot
K002/08	25 x 25 x 42 mm	90 x 25 x 12 mm	M6 x 100 mm	8 mm
K002/10	25 x 25 x 42 mm	100 x 25 x 15 mm	M8 x 100 mm	10 mm
K002/12	25 x 25 x 42 mm	100 x 25 x 15 mm	M10 x 100 mm	12 mm
K002/14	25 x 25 x 42 mm	100 x 31 x 19 mm	M12 x 100 mm	14 mm

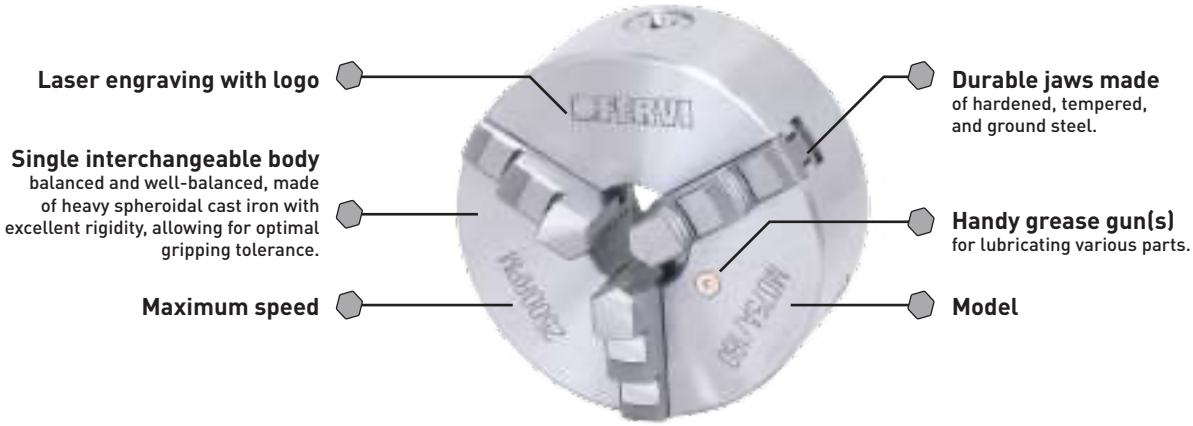


SPINDLE RANGE FERVI



MAIN FEATURES

The new spindle line is compatible with all Fervi lathes.





FLANGE MOUNT

This range of spindles is designed for attachment by flange. Mechanical machining may be required to couple the spindle with the flange. They can also be applied to other mechanical parts (such as dividing tables or dividers), subject to mechanical adjustment.



INTEGRATED CAMLOCK ATTACHMENT

Camlock couplings allow faster changeover and, most importantly, prevent accidental unscrewing of the spindle. It does not require any preliminary machining for mounting on the machine.

SPINDLE SELECTION GUIDE

The choice of spindle is related to the type of machining to be performed.



3-JAW CHUCK (SELF CENTERING)

They allow solid circular or tubular, polygonal workpieces with a number of sides divisible by 3 to be clamped, centering them, by means of straight or reverse jaws.



4-JAW CHUCK (SELF-CENTERING)

They are used for fastening solid circular or tubular workpieces, with irregular or polygonal cross-section with a number of sides divisible by 4, by means of straight or reverse jaws.



INDEPENDENT JAW CHUCK

In this type of chuck, each jaw has independent movement in order to be able to clamp the workpiece with its axis off-center in the case of particular types of machining.

BASED ON THE LATHE



CENTER HEIGHT

This parameter indicates the height between the center of the spindle and the lathe bed The tip height determines the maximum radius that can be machined on the bench. Multiplying the value by 2 will give us the maximum diameter that can be machined on the bench.

SPINDLE BORE

This is the diameter of the through-hole present on the lathe to be able to thread long bars to be turned by threading and clamping them between the jaws of the chuck.

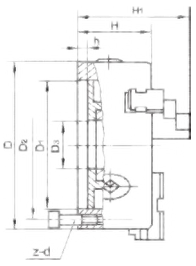
SPINDLE NOSE CAMLOCK

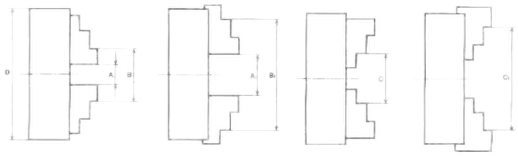
Determined by the diameter of the lathe head flange pins or if available from machine technical data.

M075A-

PRECISION SELF-CENTERING CHUCK 3 + 3 + 3 JAWS

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 and 1 series consisting of 3 solid soft jaws. Metal's rear cover for Ø250mm, Ø320mm and Ø400mm chucks







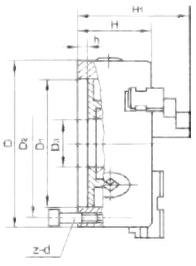
Box | Wooden Box | Cast Iron | 6350 | Lathe

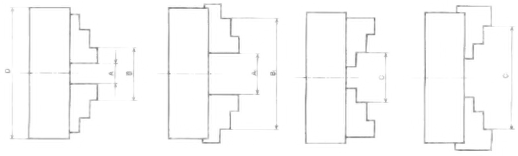
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M075A/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,9 kg
M075A/100	100 mm	72 mm	84 mm	22 mm	74,5 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,2 kg
M075A/125	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5,0 kg
M075A/160	160 mm	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,8 kg
M075A/200	200 mm	165 mm	180 mm	65 mm	109 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15,5 kg
M075A/250	250 mm	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	25,7 kg
M075A/320	320 mm	270 mm	290 mm	100 mm	143,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	47,5 kg
M075A/400	400 mm	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	71,0 kg

M076A-

PRECISION SELF-CENTERING CHUCK 4+4+4 JAWS

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 and 1 series consisting of 4 solid soft jaws.







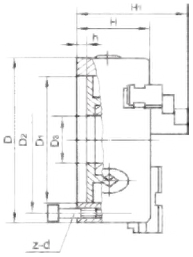
Box | Wooden Box | Cast Iron | 6350 | Lathe

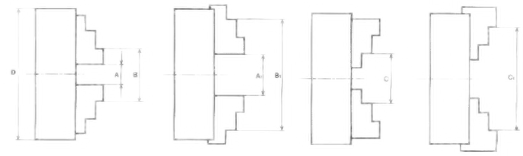
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M076A/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	2,1 kg
M076A/100	100 mm	72 mm	84 mm	22 mm	75 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,6 kg
M076A/125	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	4,5 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5,9 kg
M076A/160	160 mm	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	9,7 kg
M076A/200	200 mm	165 mm	180 mm	65 mm	113 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	20,3 kg
M076A/250	250 mm	206 mm	226 mm	80 mm	124 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	28,3 kg
M076A/320	320 mm	270 mm	290 mm	100 mm	148,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	67,0 kg
M076A/400	400 mm	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	94,0 kg

M049A-

PRECISION SELF-CENTERING 3+3 JAWS CHUCK

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.
Metal's rear cover for Ø250mm, Ø320mm and Ø400mm chucks







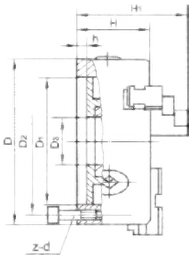
Box | Wooden Box | Cast Iron | 6350 | Lathe

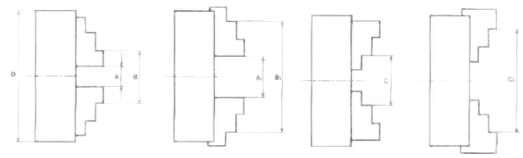
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M049A/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,7 kg
M049A/100	100 mm	72 mm	84 mm	22 mm	74,5 mm	55 mm	4 mm	3-M8	8 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	2,9 kg
M049A/125	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	5 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,7 kg
M049A/160	160 mm	130 mm	142 mm	45 mm	95 mm	65 mm	6 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,1 kg
M049A/200	200 mm	165 mm	180 mm	65 mm	114 mm	75 mm	6,5 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	14,4 kg
M049A/250	250 mm	206 mm	226 mm	80 mm	125 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	25,6 kg
M049A/320	320 mm	270 mm	290 mm	100 mm	143,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	47,4 kg
M049A/400	400 mm	340 mm	368 mm	145 mm	155 mm	104 mm	6 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	78,0 kg

M449A-

PRECISION SELF-CENTERING 4+4 JAWS 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. Metal back cover for size Ø250mm, Ø300mm and Ø400mm.







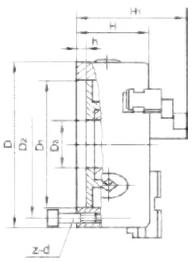
Box | Wooden Box | Cast Iron | 6350 | Lathe

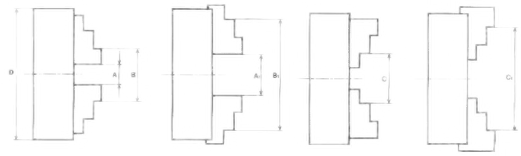
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M449A/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	4 mm	3-M6	8 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	1,8 kg
M449A/100	100 mm	72 mm	84 mm	22 mm	75 mm	55 mm	4 mm	3-M8	8 mm	2,5 - 30 mm	30 - 90 mm	30 - 80 mm	3,1 kg
M449A/125	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3-M8	10 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,9 kg
M449A/160	160 mm	130 mm	142 mm	45 mm	95 mm	65 mm	5 mm	3-M8	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	8,6 kg
M449A/200	200 mm	165 mm	180 mm	65 mm	113 mm	75 mm	6 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15,3 kg
M449A/250	250 mm	206 mm	226 mm	80 mm	124 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	27,2 kg
M449A/320	320 mm	270 mm	290 mm	100 mm	148,5 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	52,3 kg
M449A/400	400 mm	340 mm	368 mm	145 mm	155 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	78,1 kg

M078A-

PRECISION SELF-CENTERING 3+3 JAWS CHUCK CAMLOCK

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.







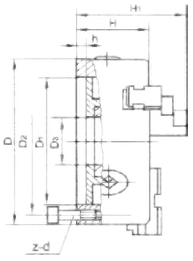
Box | Wooden Box | Cast Iron | 55029 | Lathe

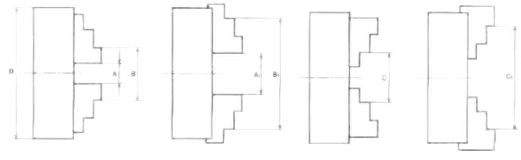
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M078A/160/D1-4	160 mm	63,513 mm	82,6 mm	40 mm	100,5 mm	71 mm	13 mm	3-M10	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	10,6 kg
M078A/200/D1-4	200 mm	63,513 mm	82,6 mm	50 mm	124 mm	86 mm	13 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	17,0 kg
M078A/200/D1-5	200 mm	82,563 mm	104,8 mm	50 mm	124 mm	86 mm	15 mm	6-M12	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	20,1 kg
M078A/250/D1-5	250 mm	82,563 mm	104,8 mm	70 mm	139 mm	95 mm	15 mm	6-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32,0 kg
M078A/250/D1-6	250 mm	106,375 mm	133,4 mm	80 mm	142 mm	98 mm	16 mm	6-M16	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32,0 kg
M078A/250/D1-8	250 mm	139,719 mm	171,4 mm	80 mm	142 mm	98 mm	18 mm	6-M20	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	32,0 kg
M078A/320/D1-6	320 mm	106,375 mm	133,4 mm	102 mm	158 mm	103,5 mm	16 mm	6-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	51,0 kg
M078A/320/D1-8	320 mm	139,719 mm	171,4 mm	102 mm	158 mm	103,5 mm	18 mm	6-M20	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	51,0 kg
M078A/400/D1-8	400 mm	139,719 mm	171,4 mm	130 mm	173 mm	118 mm	18 mm	6-M20	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	82,0 kg

M079A-

PRECISION SELF-CENTERING 4+4 JAWS CHUCK CAMLOCK

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.







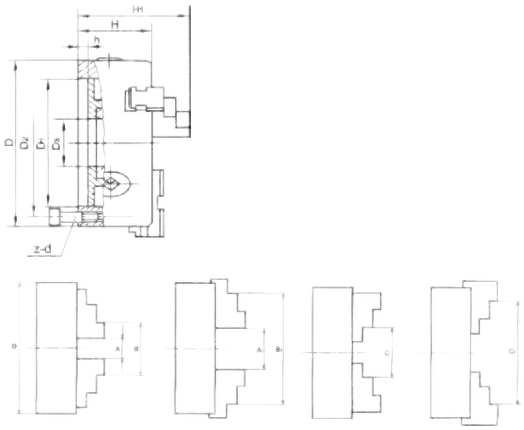
Box | Wooden Box | Cast Iron | 55029 | Lathe

Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M079A/160/D1-4	160 mm	63,513 mm	82,6 mm	40 mm	100,5 mm	71 mm	13 mm	3-M10	10 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	11,0 kg
M079A/200/D1-4	200 mm	63,513 mm	82,6 mm	50 mm	124 mm	86 mm	13 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	19,0 kg
M079A/200/D1-5	200 mm	82,563 mm	104,8 mm	50 mm	124 mm	86 mm	15 mm	6-M12	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	19,0 kg
M079A/250/D1-5	250 mm	82,563 mm	104,8 mm	70 mm	139 mm	95 mm	15 mm	6-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35,0 kg
M079A/250/D1-6	250 mm	106,375 mm	133,4 mm	80 mm	142 mm	98 mm	16 mm	6-M16	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35,0 kg
M079A/250/D1-8	250 mm	139,719 mm	171,4 mm	80 mm	142 mm	98 mm	18 mm	6-M20	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	35,0 kg
M079A/320/D1-6	320 mm	106,375 mm	133,4 mm	102 mm	158 mm	103,5 mm	16 mm	6-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	56,0 kg
M079A/320/D1-8	320 mm	139,719 mm	171,4 mm	102 mm	158 mm	103,5 mm	18 mm	6-M20	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	56,0 kg
M079A/400/D1-8	400 mm	139,719 mm	171,4 mm	130 mm	173 mm	118 mm	18 mm	6-M20	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	90,0 kg

M005A-

PRECISION SELF CENTERING 3 REVERSIBLE JAWS CHUCK

With single guide, single guide, equipped with 3 internal - external reversible hard jaws, clamping key and jaw-fixing screws., tightening wrench and jaw fixing screws. Plastic back cover for size Ø200mm.





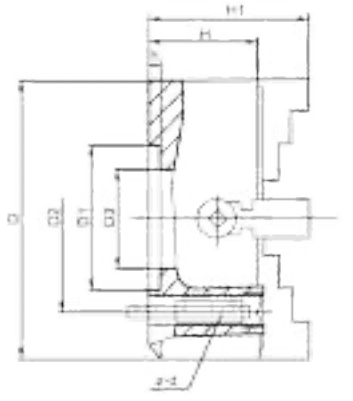
Box | Wooden Box | Cast Iron | 6350 | Lathe

Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square	A - A1	B - B1	C - C1	Net weight
M005A/200	200 mm	165 mm	180 mm	65 mm	122 mm	75 mm	5 mm	3-M10	12 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	14,0 kg
M005A/250	250 mm	206 mm	226 mm	80 mm	136 mm	80 mm	5 mm	3-M12	12 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	23,4 kg
M005A/320	320 mm	270 mm	290 mm	100 mm	170 mm	95 mm	11 mm	3-M16	13 mm	11,5 - 145 mm	95 - 320 mm	110 - 320 mm	42,4 kg
M005A/400	400 mm	340 mm	368 mm	145 mm	175 mm	101,5 mm	7 mm	3-M16	14 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	71,0 kg
M005A/500	500 mm	440 mm	465 mm	210 mm	197 mm	115 mm	7 mm	6-M16	17 mm	25 - 280 mm	150 - 500 mm	150 - 500 mm	119,0 kg
M005A/630	630 mm	560 mm	595 mm	280 mm	218 mm	135 mm	8 mm	6-M16	19 mm	50 - 350 mm	170 - 630 mm	170 - 630 mm	208,0 kg

P444A-

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
P444A/125	125 mm	95 mm	108 mm	30 mm	78 mm	56 mm	6 mm	4-M8	7 mm	4,8 kg
P444A/160	160 mm	65 mm	95 mm	55 mm	103 mm	75 mm	5 mm	4-M10	10 mm	10,0 kg
P444A/200	200 mm	80 mm	112 mm	70 mm	119 mm	80 mm	6 mm	4-M10	10 mm	14,5 kg
P444A/250	250 mm	110 mm	130 mm	100 mm	131 mm	90 mm	6 mm	4-M12	12 mm	23,0 kg
P444A/320	320 mm	140 mm	165 mm	115 mm	152 mm	102 mm	16 mm	4-M16	14 mm	43,0 kg
P444A/400	400 mm	160 mm	185 mm	125 mm	157 mm	110 mm	13 mm	4-M16	14 mm	71,0 kg

COMPATIBILITY BETWEEN GRIPS AND CHUCKS

ART.	COMPATIBILITY
M049A/080ST	M049A/080, M075A/080
M049A/100ST	M049A/100, M075A/100
M049A/125ST	M049A/125, M075A/125
M049A/160ST	M049A/160, M075A/160, M078A/160/D1-4
M049A/200GBD	M049A/200, M075A/200, M078A/200/D1-4, M078A/200/D1-5
M049A/250GBD	M049A/250, M075A/250, M078A/250/D1-5, M078A/250/D1-6
M049A/320GBD	M049A/320, M075A/320, M078A/320/D1-6, M078A/320/D1-8
M049A/400GBD	M049A/400, M075A/400, M078A/400/D1-8
M449A/080ST	M449A/080, M076A/080
M449A/100ST	M449A/100, M076A/100
M449A/125ST	M449A/125, M076A/125
M449A/160ST	M449A/160, M076A/160, M079A/160/D1-4
M449A/200GBD	M449A/200, M076A/200, M079A/200/D1-4, M079A/200/D1-5
M449A/250GBD	M449A/250, M076A/250, M079A/250/D1-5, M079A/250/D1-6
M449A/320GBD	M449A/320, M076A/320, M079A/320/D1-6, M079A/320/D1-8
M449A/400GBD	M449A/400, M076A/400, M079A/400/D1-8
M075/200T	M049A/200GBD, M449A/200GBD, M005A/200, M076A/200
M075/250T	M049A/250GBD, M449A/250GBD, M005A/250, M076A/250
M075/315T	M049A/320GBD, M449A/320GBD, M005A/320, M076A/320
262206R	M049A/400GBD, M449A/400GBD, M005A/400, M076A/400
262207R	M005A/500, M005A/630



M049A-xST

3 SOLID SOFT JAWS SET

For self-centering chucks with simple guide.



Box Steel

Art.	Chuck sizes
M049A/080ST	Ø 80 mm
M049A/100ST	Ø 100 mm
M049A/125ST	Ø125 mm
M049A/160ST	Ø 160 mm

M449A-xST

4 SOLID SOFT JAWS SET

For self-centering chucks with simple guide.



Box

Art.	Chuck sizes
M449A/080ST	Ø 80 mm
M449A/100ST	Ø 100 mm
M449A/125ST	Ø 125 mm
M449A/160ST	Ø 160 mm

M049A-xGBD

3 SOFT JAWS SET

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



Box

Art.	Chuck sizes
M049A/200GBD	Ø 200 mm
M049A/250GBD	Ø 250 mm
M049A/320GBD	Ø 320mm
M049A/400GBD	Ø 400 mm

M449A-xGBD

4 SOFT JAWS SET

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



Box

Art.	Chuck sizes
M449A/200GBD	Ø 200 mm
M449A/250GBD	Ø 250 mm
M449A/320GBD	Ø 320 mm
M449A/400GBD	Ø 400 mm

2622x

SOFT TOP JAW FOR CHUCKS

Applicable on hard jaws.



Steel

Art.	ø	Slot distance
M075/160T	160 mm	38,1 mm
M075/200T	200 mm	44,50 mm
M075/250T	250 mm	54 mm
M075/315T	315 mm	63,5 mm
262206R	400 mm	76,2 mm
262207R	500 - 630 mm	76,2 mm

0563-

LATHE CHUCK KEY

For spindles, with safety spring.



Steel Burnished Lathe

Art.	Spanner square	Dimensions
0563/08	8 mm	61 x 120 mm
0563/10	10 mm	120 x 210 mm
0563/12	12 mm	155 x 300 mm
0563/13	13 mm	120 x 300 mm
0563/14	14 mm	130 x 350 mm
0563/17	17 mm	130 x 400 mm
0563/19	19 mm	200 x 500 mm

0751/P

CHUCK FOR LATHE

For wood lathe, ø 125mm.



Box Steel

4 jaw independent reversible chuck	Ø 150 mm
Thread	1"- 8 TPI
Hole	Ø 22 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
FD04/125	4"	Ø 125 mm	26 mm	Ø 15,9 mm
FD04/160	4"	Ø 160 mm	26 mm	Ø 15,9 mm
FD04/200	4"	Ø 200 mm	28 mm	Ø 15,9 mm
FD05/200	5"	Ø 200 mm	30 mm	Ø 19 mm
FD05/250	5"	Ø 250 mm	30 mm	Ø 19 mm
FD06/250	6"	Ø 250 mm	30 mm	Ø 22 mm
FD06/380	6"	Ø 400 mm	30 mm	Ø 22 mm
FD08/250	8"	Ø 250 mm	30 mm	Ø 25,4 mm
FD08/320	8"	Ø 320 mm	30 mm	Ø 25,4 mm
FD08/380	8"	Ø 380 mm	30 mm	Ø 25,4 mm
FD08/500	8"	Ø 500 mm	36 mm	Ø 25,4 mm
FD11/320	11"	Ø 320 mm	45 mm	Ø 30 mm
FD11/400	11"	Ø 400 mm	30 mm	Ø 30 mm
FD11/500	11"	Ø 500 mm	36 mm	Ø 30 mm

0751/A4

CHUCK FOR LATHE

For wood lathe, ø 125mm.



Box Steel

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

0425-

4 JAW SELF-CENTERING CHUCK

For wood lathe, ø 125mm.



Box Steel

Art.	ø	Clamping range	Thread
0425/100	95 mm	Int. 32 - 45 mm - Ext. 68 - 85 mm	1" - 8 TPI
0425/125	125 mm	Int. 50 - 70 mm - Ext. 85 - 110 mm	1" - 8 TPI e M33 x 3,5

M051-

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.



Box · Steel · No Percussion · Lathe · Mill · Drill press

Art.	Capacity	Taper DIN	Dimensions
M051/08	0,5 ÷ 8 mm	B 12	Ø 39 x 80 mm
M051/10	1 ÷ 10 mm	B 12	Ø 44,5 x 82 mm
M051/13	1 ÷ 13 mm	B 16	Ø 49,5 x 91 mm
M051/16	1 ÷ 16 mm	B 18	Ø 54 x 102,5 mm
M051/20	1 ÷ 20 mm	B 22	Ø 59 x 119 mm

M042-

LIGHT DUTY PROFESSIONAL SELF-TIGHTENING KEYLESS DRILL CHUCKS

For professional use. Anodized body.



Box · Steel · No Percussion · Lathe · Mill · Drill press

Art.	Capacity	Taper DIN	Dimensions
M042/08	0.5 ÷ 8 mm	B12	Ø 36 x 71 mm
M042/10	1 ÷ 10 mm	B12	Ø 39 x 80 mm
M042/13	1 ÷ 13 mm	B16	Ø 41 x 87 mm
M042/16	3 ÷ 16 mm	B18	Ø 49 x 98 mm
M042/20	5 ÷ 20 mm	B22	Ø 53 x 106 mm

M052-

KEY TYPE TAPER HOLE DRILL CHUCKS



Box · Steel · No Percussion · Lathe · Drill

Art.	Capacity	Taper DIN	Dimensions
M052/10	1 ÷ 10 mm	B12	Ø 43 x 57 mm
M052/13	1 ÷ 13 mm	B16	Ø 53 x 65 mm
M052/16	3 ÷ 16mm	B18	Ø 53 x 74 mm
M052/20	5 ÷ 20 mm	B22	Ø 64 x 83 mm

M080/13

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

Capacity	2 ÷ 13 mm
Shank	1/2" 20 UNF

M081-

KEY TYPE TAPER HOLE DRILL CHUCKS



Box · Steel · Percussion · No Percussion · Portable Drill

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

0711-

DRILL CHUCKS KEYS



Steel · Burnished

Art.	l	A
0711/06	56 mm	4 mm
0711/10	56 mm	6 mm
0711/13	80 mm	8 mm
0711/16	90 mm	8 mm
0711/20	120 mm	8,8 mm

1-xA

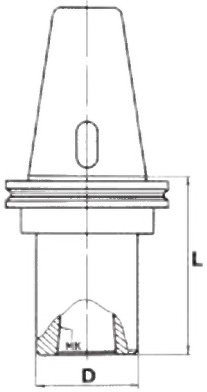
MORSE TAPER ADAPTER

DIN 69871/A, balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.

Box | 18Ni CrMo5 | Grounded | Mill

Art.	ISO	MT	D	L
1/1A40	40	1	25 mm	45 mm
1/2A40	40	2	32 mm	60 mm
1/3A40	40	3	40 mm	75 mm
1/4A40	40	4	50 mm	98 mm
1/2A50	50	2	32 mm	40 mm
1/3A50	50	3	40 mm	50 mm
1/4A50	50	4	48 mm	95 mm
1/5A50	50	5	63 mm	110 mm





1-xB

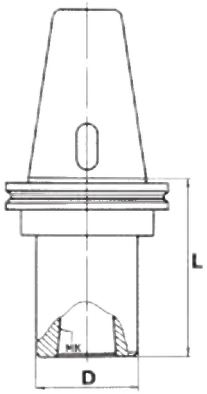
MORSE TAPER ADAPTER

DIN 2080, balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.

Box | 18Ni CrMo5 | Grounded | Mill

Art.	ISO	MT	D	L
1/1B40	40	1	25 mm	50 mm
1/2B40	40	2	32 mm	50 mm
1/3B40	40	3	40 mm	65 mm
1/4B40	40	4	48 mm	95 mm
1/1B50	50	1	25 mm	45 mm
1/2B50	50	2	32 mm	60 mm
1/3B50	50	3	40 mm	65 mm
1/4B50	50	4	48 mm	70 mm
1/5B50	50	5	63 mm	100 mm





1-xD

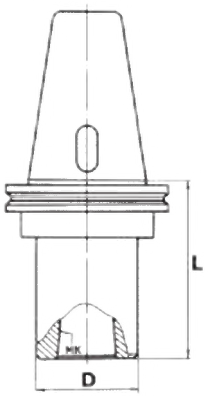
MORSE TAPER ADAPTER

MAS-403 BT, balanced chuck body, with extraction slot for tools. Balancing 12.000 rpm.

Box | 18Ni CrMo5 | Grounded | Mill

Art.	BT	MT	D	L
1/1D40	40	1	25 mm	45 mm
1/2D40	40	2	32 mm	60 mm
1/3D40	40	3	40 mm	75 mm
1/4D40	40	4	50 mm	98 mm
1/2D50	50	2	32 mm	40 mm
1/3D50	50	3	40 mm	75 mm
1/4D50	50	4	50 mm	80 mm
1/5D50	50	5	63 mm	110 mm





ST45-xL

EXTENDED MORSE TAPER ADAPTERS

For mounting tools with tapered shank vices.



Box Steel Tempered Grounded 2187 Lathe Mill Drill press

Art.	MT External	MT Internal	L	l	D
ST45/2/1L	2	1	160 mm	85 mm	20 mm
ST45/2/2L	2	2	175 mm	90 mm	30 mm
ST45/2/3L	2	3	196 mm	121 mm	36 mm
ST45/3/1L	3	1	175 mm	81 mm	20 mm
ST45/3/2L	3	2	194 mm	100 mm	30 mm
ST45/3/3L	3	3	215 mm	121 mm	36 mm
ST45/3/4L	3	4	240 mm	146 mm	48 mm
ST45/4/1L	4	1	200 mm	82,5 mm	20 mm
ST45/4/2L	4	2	215 mm	97,5 mm	30 mm
ST45/4/3L	4	3	240 mm	122,5 mm	36 mm
ST45/4/4L	4	4	265 mm	147,5 mm	48 mm
ST45/4/5L	4	5	300 mm	182,5 mm	63 mm
ST45/5/1L	5	1	232 mm	82,5 mm	20 mm
ST45/5/2L	5	2	247 mm	97,5 mm	30 mm
ST45/5/3L	5	3	268 mm	118,5 mm	36 mm
ST45/5/4L	5	4	300 mm	150,5 mm	48 mm
ST45/5/5L	5	5	335 mm	185,5 mm	63 mm
ST45/5/6L	5	6	396 mm	247 mm	82 mm

ST45-

PRECISION MORSE TAPER REDUCTION SLEEVE

For mounting tools with tapered shank vices.



Box Steel Tempered Grounded 2185 Lathe Mill Drill press

Art.	MT External	MT Internal
ST45/2/1	2	1
ST45/3/1	3	1
ST45/3/2	3	2
ST45/4/1	4	1
ST45/4/2	4	2
ST45/4/3	4	3
ST45/5/3	5	3
ST45/5/4	5	4

A001-

PRECISION DRILL CHUCK SHANK

For spindles with taper shank.



Box Steel Tempered Grounded 238 Lathe Mill Drill press

Art.	Spindle taper	Taper DIN
A001/2/12	2	B12
A001/2/16	2	B16
A001/2/18	2	B18
A001/3/12	3	B12
A001/3/16	3	B16
A001/3/18	3	B18
A001/3/22	3	B22
A001/4/16	4	B16
A001/4/18	4	B18
A001/4/22	4	B22

E002-

DRIFT SLEEVES

For cone extraction.



Blister Steel Tempered Burnished 317 Mill Drill press

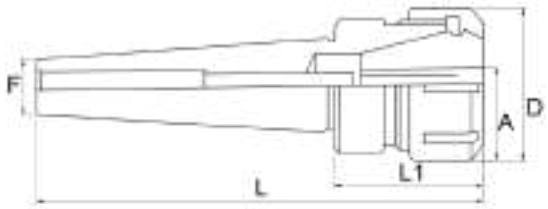
Art.	MT
E002/12	1-2
E002/3	3
E002/4	4

3-CM

COLLET CHUCK

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





Box | 18Ni CrMo5 | Grounded | Lathe | Mill | Magnetic Drill | Drill press

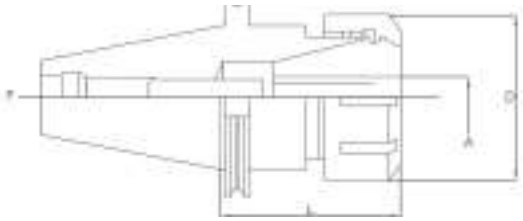
Art.	Pliers	D	L	L1	F	A
3/CM2	ER 32	50 mm	135 mm	60 mm	M 10	3/20 mm
3/CM3	ER 32	50 mm	146 mm	60 mm	M 12	3/20 mm
3/CM4	ER 32	50 mm	166 mm	58 mm	M 16	3/20 mm

3A40-

COLLET CHUCK

DIN 69871/A, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule. Balancing 12.000 rpm.





Box | 18Ni CrMo5 | Grounded | Mill

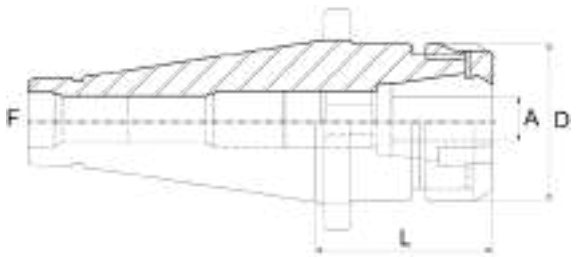
Art.	Pliers	A	D	L	F
3A40/16	ER 16	1/10 mm	28 mm	100 mm	M 16
3A40/20	ER 20	2/13 mm	34 mm	100 mm	M 16
3A40/25	ER 25	2/16 mm	42 mm	100 mm	M 16
3/A/40	ER 32	3/20 mm	50 mm	72 mm	M 16

3/B/40

COLLET CHUCK

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





Box | 18Ni CrMo5 | Grounded | Mill

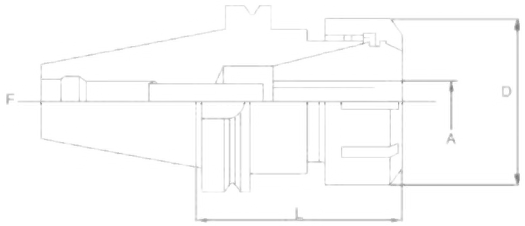
Pliers	ER 32
A	3/20 mm
D	50 mm
L	65 mm
F	M 16
Balancing rpm	2000

3D40-

COLLET CHUCK

MAS-403 BT, for mounting tools with cylindrical shank on DIN 6499 (ER) collets. Supplied with locking ferrule. Balancing 12.000 rpm.





Box | 18Ni CrMo5 | Grounded | Mill

Art.	Pliers	A	D	L	F
3D40/16	ER 16	1/10 mm	28 mm	100 mm	M 16
3D40/20	ER 20	2/13 mm	34 mm	100 mm	M 16
3D40/25	ER 25	2/16 mm	42 mm	100 mm	M 16
3/D/40	ER 32	3/20 mm	50 mm	63 mm	M 16

PR16/10P

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

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

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

SPRING COLLET SET

ER32 DIN 6499/B, usable with collet chucks.



7 Pcs | Carrying case | 65Mn | Grounded

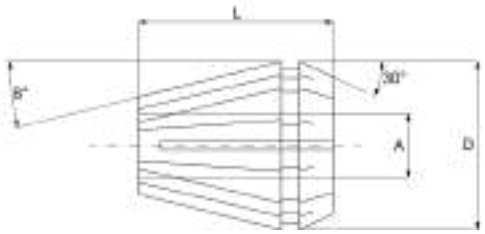
Sizes	Ø 4-6-8-10-12-16-20 mm

P032-

SPRING COLLET

ER32 DIN 6499/B, usable with collet chucks.





Box | 65Mn | Grounded

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

P032/18P

SPRING COLLET SET

ER32 DIN 6499/B, usable with collet chucks.



18 Pcs | Carrying case | 65Mn | Grounded

Sizes	Ø 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.	Plier
G016	ER16
G020	ER20
G025	ER25
G032	ER32

CHERx

LOCK RING DRIVING KEY

ER DIN 6499.



C45 | Tempered

Art.
CHER25
CHER32

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.



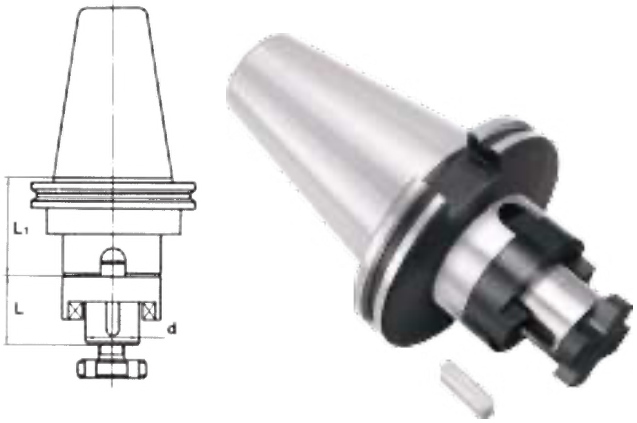
Box | 18NiCrMo5 | Grounded | Mill

Art.	d - h6	Spindle taper	F	H
16/CM3	16 mm	3	M 12	40 mm
16/CM4	16 mm	4	M 16	55 mm
22/CM3	22 mm	3	M 12	50 mm
22/CM4	22 mm	4	M 16	55 mm
27/CM3	27 mm	3	M 12	50 mm
27/CM4	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. Balancing 12.000 rpm.



Box | 18NiCrMo5 | Grounded | Mill

Art.	ISO	d-h6	L	L1	Balancing rpm
16A40	40	16 mm	27 mm	35 mm	12000
22A40	40	22 mm	31 mm	41 mm	12000
27A40	40	27 mm	33 mm	41 mm	12000
32A40	40	32 mm	38 mm	45 mm	12000
16A50	50	16 mm	27 mm	35 mm	12000
22A50	50	22 mm	31 mm	35 mm	12000
27A50	50	27 mm	33 mm	35 mm	12000
32A50	50	32 mm	38 mm	40 mm	12000
40A50	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. Balancing 2.000 rpm.



Box | 18NiCrMo5 | Grounded | Mill

Art.	ISO	d - h6	L	L1
16/B40	40	16 mm	27 mm	35 mm
22/B40	40	22 mm	31 mm	39 mm
27/B40	40	27 mm	33 mm	40 mm
32/B40	40	32 mm	38 mm	40 mm
16/B50	50	16 mm	27 mm	35 mm
22/B50	50	22 mm	31 mm	35 mm
27/B50	50	27 mm	33 mm	35 mm
32/B50	50	32 mm	38 mm	40 mm
40/B50	50	40 mm	41 mm	40 mm

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. Balancing 12.000 rpm.



Box | 18NiCrMo5 | Tempered | Grounded | Mill

Art.	BT	d - h6	L	L1
16/D40	40	16 mm	27 mm	35 mm
22/D40	40	22 mm	31 mm	35 mm
27/D40	40	27 mm	33 mm	35 mm
32/D40	40	32 mm	38 mm	40 mm
16/D50	50	16 mm	27 mm	35 mm
22/D50	50	22 mm	31 mm	35 mm
27/D50	50	27 mm	33 mm	35 mm
32/D50	50	32 mm	38 mm	40 mm
40/D50	50	40 mm	41 mm	40 mm

M004-

HOLE CUTTER SHANK WITH COOLANT SYSTEM AND WELDON SHANK

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



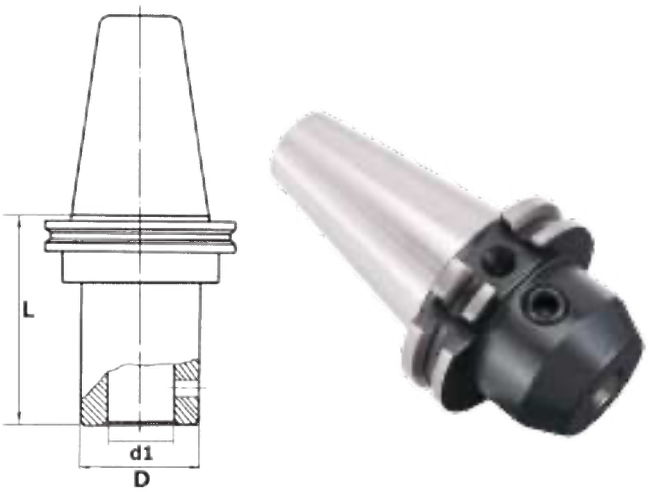
Box Lathe Mill Magnetic Drill Drill press

Art.	Spindle taper	Total length	Female connection
M004/2	2	170,5 mm	Weldon 19,05 mm
M004/3	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. Balancing 12.000 rpm.



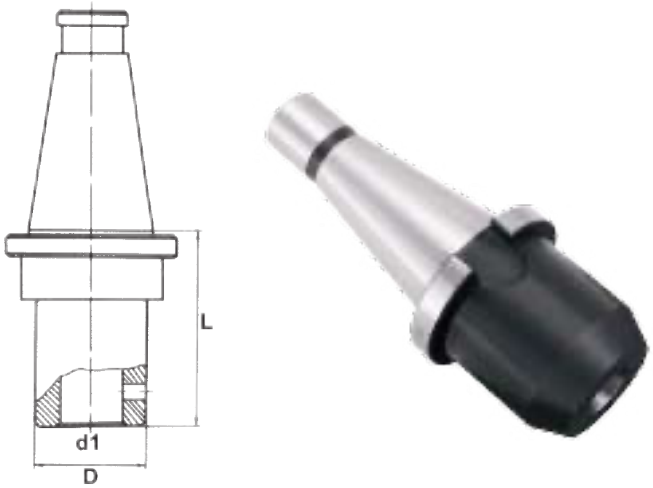
Box 18NiCrMo5 Grounded Mill

Art.	ISO	d1 - h6	D	L
4/06A40	40	6 mm	25 mm	60 mm
4/08A40	40	8 mm	28 mm	60 mm
4/10A40	40	10 mm	35 mm	50 mm
4/12A40	40	12 mm	42 mm	60 mm
4/14A40	40	14 mm	42 mm	70 mm
4/16A40	40	16 mm	48 mm	70 mm
4/18A40	40	18 mm	48 mm	70 mm
4/20A40	40	20 mm	52 mm	63 mm
4/25A40	40	25 mm	40 mm	100 mm
4/32A40	40	32 mm	72 mm	100 mm
4/06A50	50	6 mm	25 mm	65 mm
4/08A50	50	8 mm	28 mm	65 mm
4/10A50	50	10 mm	35 mm	70 mm
4/12A50	50	12 mm	42 mm	75 mm
4/14A50	50	14 mm	42 mm	75 mm
4/16A50	50	16 mm	48 mm	80 mm
4/18A50	50	18 mm	48 mm	80 mm
4/20A50	50	20 mm	52 mm	80 mm
4/25A50	50	25 mm	65 mm	100 mm
4/32A50	50	32 mm	72 mm	105 mm
4/40A50	50	40 mm	80 mm	120 mm

4-xB

WELDON SHANK TOOL HOLDER

DIN 2080, balanced chuck body, for milling cutters (Weldon) according to DIN 1835 B and DIN 6535 HB. Supplied with tightening screw. Balancing 2.000 rpm.



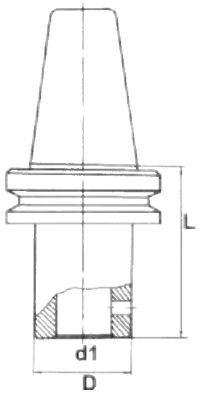
Box 18NiCrMo5 Grounded Mill

Art.	ISO	d1 - h6	D	L
4/06B40	40	6 mm	25 mm	50 mm
4/08B40	40	8 mm	28 mm	50 mm
4/10B40	40	10 mm	35 mm	50 mm
4/12B40	40	12 mm	42 mm	50 mm
4/16B40	40	16 mm	48 mm	63 mm
4/18B40	40	18 mm	48 mm	50 mm
4/20B40	40	20 mm	52 mm	63 mm
4/25B40	40	25 mm	65 mm	100 mm
4/32B40	40	32 mm	72 mm	80 mm
4/06B50	50	6 mm	25 mm	50 mm
4/08B50	50	8 mm	28 mm	50 mm
4/10B50	50	10 mm	35 mm	50 mm
4/12B50	50	12 mm	42 mm	50 mm
4/16B50	50	16 mm	48 mm	50 mm
4/20B50	50	20 mm	52 mm	63 mm
4/25B50	50	25 mm	65 mm	80 mm
4/32B50	50	32 mm	72 mm	80 mm
4/40B50	50	40 mm	90 mm	90 mm

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. Balancing 12.000 rpm.





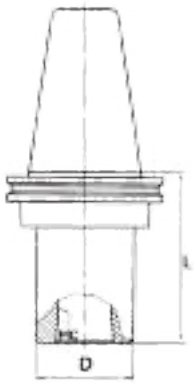
Box | 18NiCrMo5 | Grounded | Mill

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

2-xA

MORSE TAPER ADAPTER WITH THREAD

DIN 69871/A, balanced chuck body. Balancing 12.000 rpm.





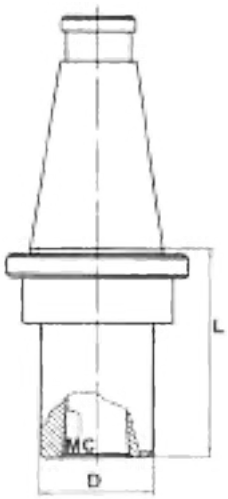
Box | 18NiCrMo5 | Grounded | Mill

Art.	ISO	MT	D	L
2/1A40	40	1	25 mm	45 mm
2/2A40	40	2	32 mm	60 mm
2/3A40	40	3	40 mm	75 mm
2/4A40	40	4	50 mm	98 mm
2/2A50	50	2	32 mm	40 mm
2/3A50	50	3	40 mm	50 mm
2/4A50	50	4	50 mm	80 mm
2/5A50	50	5	63 mm	110 mm

2-xB

MORSE TAPER ADAPTER WITH THREAD

DIN 2080, balanced chuck body. Balancing 2.000 rpm.





Box | 18NiCrMo5 | Grounded | Mill

Art.	ISO	MT	D	L
2/1B40	40	1	25 mm	15 mm
2/2B40	40	2	32 mm	30 mm
2/3B40	40	3	40 mm	64 mm
2/4B40	40	4	50 mm	94 mm
2/2B50	50	2	32 mm	20 mm
2/3B50	50	3	40 mm	30 mm
2/4B50	50	4	50 mm	65 mm
2/5B50	50	5	63 mm	105 mm

2-xD

MORSE TAPER ADAPTER WITH THREAD

MAS-403 BT, balanced chuck body. Balancing 12.000 rpm.



Box | 18NiCrMo5 | Grounded | Mill

Art.	BT	MT	D	L
2/1D40	40	1	25 mm	45 mm
2/2D40	40	2	32 mm	60 mm
2/3D40	40	3	40 mm	75 mm
2/4D40	40	4	50 mm	98 mm
2/2D50	50	2	32 mm	40 mm
2/3D50	50	3	40 mm	75 mm
2/4D50	50	4	50 mm	80 mm
2/5D50	50	5	63 mm	110 mm

TIPAx

TIP

DIN 69871/A.



Box | Steel | Tempered | Mill

Art.	ISO
TIPA40	40
TIPA50	50

TIPDx

TIP

MAS-403 BT.



Box | Steel | Grounded | Mill

Art.	ISO
TIPD40	40
TIPD50	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	Taper DIN
M059/07	M 2 - 7	Ø 55 x 130h mm	2	B16
M059/12	M 5 - 12	Ø 75 x 162h mm	3	B16
M059/20	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: N°1 3.5x2.7mm - N°1 4.5x3.4mm - N°2 6x4.9mm - N°1 8x6.2mm - N°1 10x8mm - N°1 9x7mm.



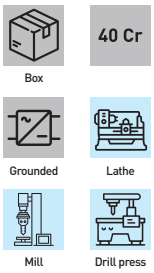
8 Pcs | Box | Mill | Magnetic Drill | Drill press

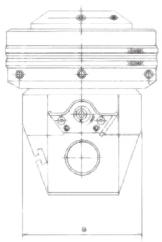
Art.	Tapping range	Arbor length with and without holder	Spindle taper
M060/2	M 3 - 12	213 - 175 - Ø 46 mm	2
M060/3	M 3 - 12	228 - 190 - Ø 46 mm	3
M060/4	M 3 - 12	253 - 215 - Ø 46 mm	4

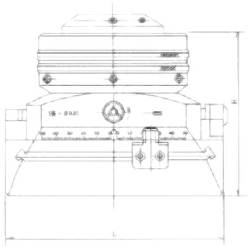
T021-

AUTOMATIC PRECISION BORING HEAD

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







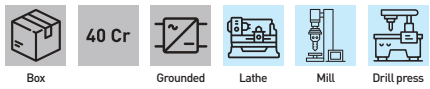


Art.	T021/030 - T021/030CM3	T021/050	T021/100 - T021/100/50
Max facing and boring ø	150 mm	350 mm	450 mm
Max stroke of slide	±15 mm	±25 mm	±50 mm
Fine feed per graduation	0,005 mm	0,005 mm	0,005 mm
Manual feed per revolution	2 mm	3 mm	3 mm
Self acting feed per revolution	0,02-0,04-0,06 0,08-0,10-0,12 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 (L) mm	105 (L) mm	160 (L) mm
Width of sliding block	70 (B) mm	90 (B) mm	90 (B) mm
Collets hole	4 - 8 - 12 ø mm	8 - 10 - 12 - 14 ø mm	8 - 10 - 12 - 14 ø 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
Shank	ISO40 - DIN2080 - CM3/MT3 - DIN 228A	ISO40 - DIN2080	ISO40 - DIN2080 - ISO50 - DIN2080

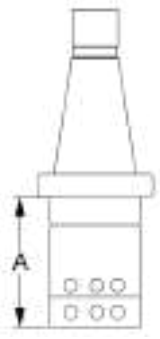
T010-

PRECISION BORING HEAD

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







Art.	Boring head body	Shank	Tools	Max offset	A
T010/5003	Ø 50 mm	CM/MT3-DIN228A	Ø 12 mm	15 mm	75 mm
T010/5004	Ø 50 mm	CM/MT4-DIN228A	Ø 12 mm	15 mm	75 mm
T010/5040	Ø 50 mm	ISO 40-DIN2080	Ø 12 mm	15 mm	81 mm
T010/7540	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.





Art.	Suitable	Diameter	Length	Screw	Insert (not included)
B001/12	T010/50	Ø 12 mm	60 mm	KV250	TCMT110204N
B001/18	T010/75	Ø 18 mm	99 mm	KV250	TCMT110204N

S007-

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	230 x 150h mm	Ø 150 mm	ISO 30 DIN 2080 - SK30 DIN 69871 - BT30 - CAT30 - HSK50A - CAPTO C5
S007/40	235 x 155h mm	Ø 150 mm	ISO 40 DIN 2080 - SK40 DIN 69871 - BT40 - CAT40 - HSK63A - CAPTO C6
S007/50	265 x 200h mm	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	BT 40 ISO 40
S014/40DIN	DIN 69871.40 ISO 40
S014/50BT	BT 50 ISO 50
S014/50DIN	DIN 69871.50 ISO 50

P450A

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	1080 x 656 x 830h mm
Taper	ISO 50

P440A

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	1080 x 656 x 830h mm
Taper	ISO 40

P350A

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 15 cone holders.



Box

Dimensions	620 x 453 x 350h mm
Taper	ISO 50

P340A

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	620 x 453 x 350h mm
Taper	ISO 40

PC50A

TOOL HOLDER SHELFS

Equipped with handles for handling. Supplied with 5 cone holders.



Box

Dimensions	620 x 140 x 90h mm
Taper	ISO 50

PC40A

TOOL HOLDER SHELFS

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



Box

Dimensions	620 x 145 x 65h mm
Taper	ISO 40

PC50A/R

TOOL HOLDER SET

Pin fixing.



10 Pcs Box Plastic

Dimensions	140 x 105 mm
Taper	ISO 50

PC40A/R

TOOL HOLDER SET 10PCS

Pin fixing.



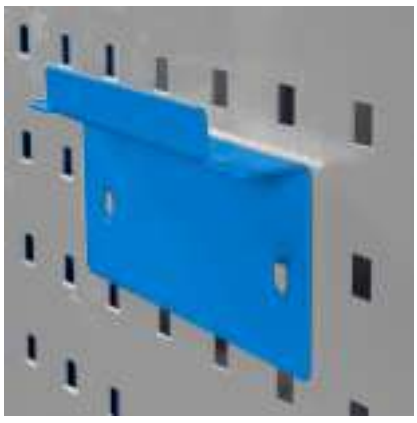
10 Pcs Box Plastic

Dimensions	140 x 80 mm
Taper	ISO 40

P4ACS

COUPLE OF SUPPORTS

For tool rolling cabinet.



Steel



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.



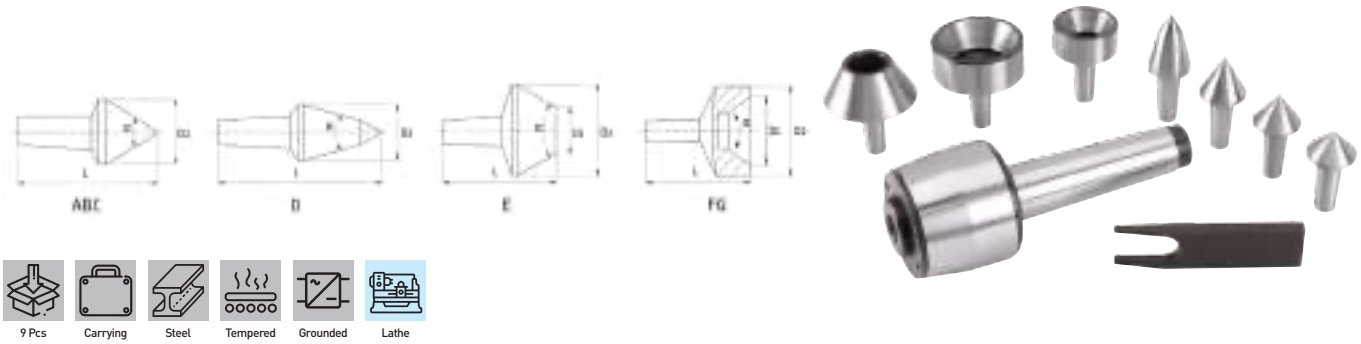
Box Steel Tempered Grounded Lathe

Art.	Spindle taper	Center	Body	Length	rpm max	Maximum capacity
C046/2	2	60° - max Ø21mm	Ø 45 mm	152 mm	2500 g/min	50 kg
C046/3	3	60° - max Ø27mm	Ø 53 mm	180 mm	2500 g/min	75 kg
C046/4	4	60° - max Ø29mm	Ø 63 mm	218 mm	2000 g/min	150 kg
C046/5	5	60° - max Ø37mm	Ø 80 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.	ST	A	B	C	D	E	F	G	rpm max	Maximum capacity
C050/2	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	5000 g/min	45 kg
C050/3	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	5000 g/min	150 kg
C050/4	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 69 mm - D2-D3 26 mm - α 60° mm	L2 61,5 mm - D2-D3 50 mm / 28 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	5000 g/min	240 kg

C055-

TUBE ROTARY LIVE CENTER

For turning and grinding of pipes and hollow bodies.



Box Steel Tempered Grounded Lathe

Art.	Spindle taper	ø	Length	rpm max	Maximum capacity
C055/3	3	60° - 30 ÷ 100 mm	170 mm	2500 g/min	200 kg
C055/4	4	60° - 40 ÷ 160 mm	230 mm	1600 g/min	350 kg
C055/5	5	60° - 66 ÷ 200 mm	290 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	Carbide center max	Length
C053/2	2	60° - max Ø 8 mm	100 mm
C053/3	3	60° - max Ø 11 mm	125 mm
C053/4	4	60° - max Ø 13 mm	160 mm
C053/5	5	60° - max Ø 17 mm	200 mm

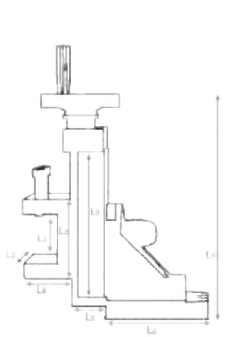
HOW TO CHOOSE YOUR TOOL POST

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

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	L5	37 mm
L2	80 mm	L6	110 mm
L3	65 mm	L8	46 mm
L4	220 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.





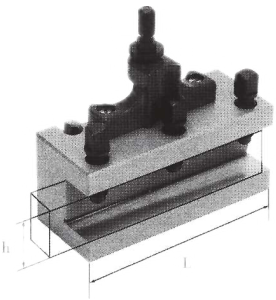
Box Lathe

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

T00x-D

FLAT TYPE TOOL HOLDERS

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



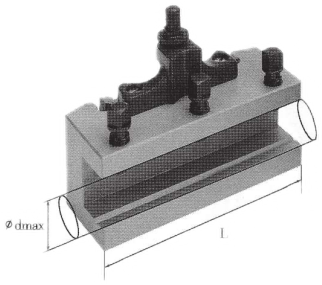
Box Lathe

Art.	L	h
T00A/D	80 mm	16 mm
T00E/D	100 mm	20 mm
T00B/D	120 mm	25 mm
T00C/D	150 mm	32 mm

T00x-B

PRISMATIC TYPE TOOL HOLDERS

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



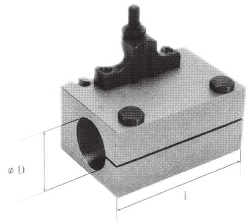
Box Lathe

Art.	L	d max
T00A/B	80 mm	20 mm
T00E/B	100 mm	30 mm
T00B/B	130 mm	32 mm
T00C/B	160 mm	32 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.



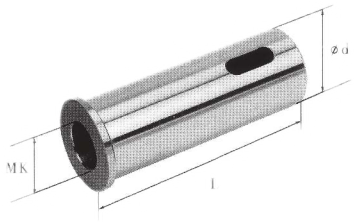
Box Lathe

Art.	L	D
T00A/S	80 mm	30 mm
T00E/S	100 mm	30 mm
T00B/S	120 mm	40 mm
T00C/S	150 mm	40 mm

T00x-LC

REDUCTION SLEEVE

For housing tools with CM attachment.



Box Lathe

Art.	L	d	MT
T00AE/LCM1	80 mm	30 mm	1
T00AE/LCM2	95 mm	30 mm	2
T00BC/LCM2	105 mm	36 mm	2
T00BC/LCM3	120 mm	40 mm	3
T00BC/LCM4	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 height
T0AA	57 mm	64 mm	56 mm	14,4 mm	14 mm
T0AE	76,5 mm	76,5 mm	90 mm	16,5 mm	20 mm
T0AB	95 mm	85 mm	76 mm	19,9 mm	20 mm
T0AC	100 mm	100 mm	92 mm	22,22 mm	25 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	76 mm	25,5 mm	38 mm	14 mm
T0AE/D	89 mm	29 mm	45 mm	20 mm
T0AB/D	108 mm	35 mm	54 mm	20 mm
T0AC/D	125 mm	40 mm	63 mm	25 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	60 mm	50 mm	30 mm	10 mm	12 mm
T00A0L	60 mm	50 mm	40 mm	10 mm	12 mm
T00A1R	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.



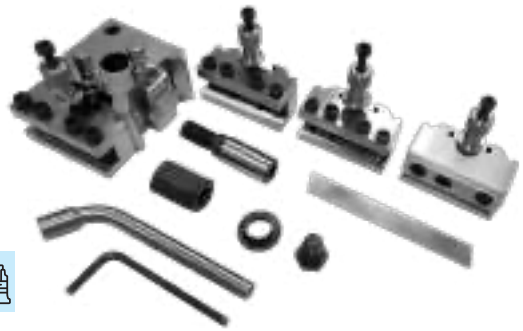
Box Lathe

Art.	Length	Width	Height	Tool height
T00A0/PP	50 mm	22 mm	24 mm	12 mm
T00A1R/PP	66 mm	27 mm	46 mm	19 mm

T00A1

QUICK CHANGE TOOL POST

For quick tool changes thanks to lock/unlock pin. Set composition: 1 tool turret, 2 flat seat tool holders, 1 prismatic seat tool holder, 1 blade holder.



Box Lathe

Length	58 mm
Width	58 mm
Height	37 mm
Hole	16 mm
Tool height	12 mm

T00A1/PP

FLAT TYPE TOOL HOLDERS

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



Box Lathe

Length	58 mm
Width	28,5 mm
Height	28 mm
Tool height	12 mm

T00A1/LR

BLADE TOOL

For cutting operations. For T00A1/PL blade holder.



HSS M2 Cut Lathe

Length	101,6 mm
Height	12,7 mm
Thickness	2,38 mm

T00A1/PL

BLADE TOOL HOLDER

Quick-change. Equipped with height adjustment screw and 3 blade clamping screws.



Box Lathe

Length	58 mm
Width	30,5 mm
Height	32 mm
Tool height	13 mm

T00A1/SP

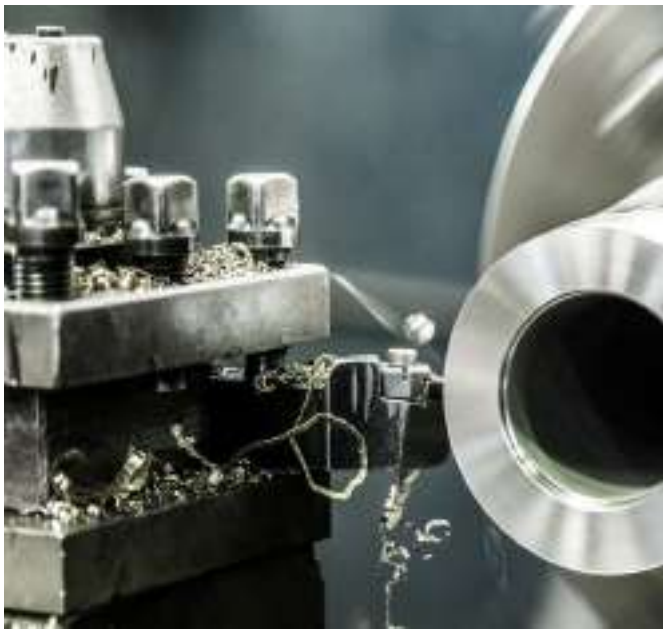
TOOL HOLDER PRISMATIC SEAT

Quick-change. Equipped with height adjustment screw and 4 clamping screws.



Box Lathe

Length	58 mm
Width	28,5 mm
Height	25 mm
Tool height	12 mm



M038

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 100 W
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	230 V 50 Hz 40 W	10 l	12 L/min
P018/400V	400 V 50 Hz 40 W	10 l	12 L/min

T999/3A

LATHE DISPLAY KIT

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

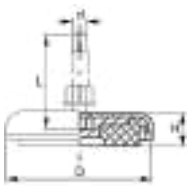


Box

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

0715-

ANTI-VIBRATION MOUNTINGS





Box NBR

Art.	D	d	L	H	Capacity
0715/0080	40 mm	M5	40 mm	15 mm	80 Kg
0715/0400	80 mm	M10	95 mm	25 mm	400 Kg
0715/1100	120 mm	M12	125 mm	33 mm	1100 Kg
0715/2000	160 mm	M16	145 mm	35 mm	2000 Kg

T200

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 6mm and connection of 1/4". completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n. 20 segments, n.1 nozzle: hole Ø1,5mm, n.1 nozzle: hole Ø3mm, n.1 nozzle: hole Ø7mm, n.1 fitting: 1/8", n.1 fitting: 1/4" and n.1 plain nozzle.

26 Pcs Lathe Mill Drill press



Total length	330 mm
Hose diameter	6 mm - 1/4"

T201

COOLING HOSE

Suitable for liquids and air, resistant to vibrations, internal diameter of 12mm and connection of 1/2". Completely hermetic, constant internal diameter in any position, unalterable to normal chemicals. Composed of: n.12 segments n.1 nozzle - hole: Ø6mm, n.1 nozzle - hole: Ø9.5mm, n.1 nozzle - hole: Ø12.5mm, n.1 fitting 1/2", n.1 fitting 3/8", n.1 plain nozzle.

18 Pcs Lathe Mill Drill press



Total length	320 mm
Hose diameter	12 mm - 1/2"

T202

ARTICULATED MODULAR HOSE SET FOR REFRIGERANT LIQUIDS

Suitable for liquid and air mounting and unalterable to normal chemical agents, internal diameter of 6mm and 1/4" connection. Consisting of: 1 hose clamp, 1 Y fitting, 2 fittings: 1/8", n.2 fittings: 1/4", n.1 tap with 1/4" fitting, n.1 tap with hose connection, n.6 nozzles (2pcs 1/16", 2pcs 1/8" and 2pcs 1/4"), 3 spatula nozzles, 2 spatula nozzles with holes, 3 90° nozzles, 1 90° nozzle with holes, 6 pipes l=150mm consisting of 10 segments the one.



29 Pcs | Carrying case | Lathe | Mill | Drill press

Hose diameter	6 mm - 1/4"

T203

ARTICULATED MODULAR HOSE SET FOR REFRIGERANT LIQUIDS

Suitable for liquids and air and unalterable to normal chemical agents, internal diameter of 12mm and 1/2" connection.Composed of: no.1 hose assembly pliers, no.1 Y-connector, no.2 fittings: 1/2", no.2 fittings: 3/8", no.1 tap with hose connection, no.1 tap with 1/2" connection, no.1 1/2" articulated connection, no.6 nozzles (2pcs with Ø6mm hole, 2pcs with Ø9.5mm hole and 2pcs with Ø12.5mm hole), no.3 90° nozzles, no.3 90° nozzles with holes, no.6 pipes l=160mm composed of 7 segments each.



25 Pcs | Carrying case | Lathe | Mill | Drill press

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	500 mm	3/8"
T338/600	600 mm	3/8"

S100

BENCH GRINDER SAFETY GUARD WITH LEXAN SCREEN



made in Italy | Angle grinder

Dimensions	110 x 120 mm

Tx

LATH E CHUCK SAFETY GUARD STEEL FRAME WITH LEXAN SCREEN



Box | Lathe

Art.	Dimensions
T400	Ø 400 x 200 mm
T500	Ø 500 x 220 mm
T600	Ø 600 x 280 mm

Mx

UNIVERSAL SUPPORT UNIT FOR LATHE WITH CHUCK SAFETY GUARD WITH MICROSWITCH



Lathe

Art.	Spindle diameter	Length
M400	Ø 30 mm	350 mm
M500	Ø 30 mm	400 mm
M600	Ø 30 mm	450 mm

P100/250

MACHINE TOOL SAFETY GUARD

With safety microswitch, adjustable height.



Box | Lathe | Mill | Drill press

Rod	400 mm
Shield	150 x 230 H x L mm

P101-

MACHINE TOOL SAFETY GUARD

Adjustable and tilting height, lexan screen, safety microswitch.



Lathe | Mill | Drill press

Art.	Shaft length	Shield
P101/300	400L mm	150 x 350 H x L mm
P101/350	500L mm	150 x 400 H x L mm
P101/400	600L mm	200 x 500 H x L mm

0531A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Box · IP65 · Lathe · Mill · Drill press

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

0532A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Box · IP65 · Lathe · Mill · Drill press

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

0532A/230V

LED LIGHT MACHINE OPERATION LAMP

Articulated, with transformer.



Box · IP65 · Lathe · Mill · Drill press

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

0537A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Box · IP44 · Lathe · Mill · Drill press

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

0538A

LED LIGHT MACHINE OPERATION LAMP

Articulated, without transformer.



Box · IP44 · Lathe · Mill · Drill press

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

0536A

LED LIGHT MACHINE OPERATION LAMP

Flexible, with transformer and magnetic base.



Box · IP42 · Lathe · Mill · Drill press

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



fervi.com

FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)

TOOLS FOR TURNING AND MILLING

p. 150 External tool holders
p. 156 Internal tool holders
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p. 166 Milling cutters
p. 170 Tool accessories

INSERTS, LATHE TOOLS AND TOOL BITS

p. 174 Insert for lathe
p. 181 Milling inserts
p. 184 Tapping inserts
p. 184 Inserts for cutting off
p. 185 Lathe tools
p. 187 Tool bits

TWIST DRILLS AND CUTTERS FOR METAL

p. 190 Straight shank twist drills
p. 199 Conical and center drills
p. 201 Weldon shank
p. 205 Hole saw
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p. 213 Counterborers
p. 214 Stepped cutters & countersinks
p. 216 End mills
p. 218 Tungsten carbide rotary burrs
p. 226 Disc shaper cutters

BUILDING AND WOOD DRILLS AND CUTTERS

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p. 233 End mills for wood

TAPS AND DIES

p. 234 Tap and die sets
p. 237 HSS taps
p. 243 Dies

THREAD REPAIR

p. 246 Thread repair set
p. 251 Thread repair insert
p. 255 Taps for thread repair
p. 257 Thread repair tools

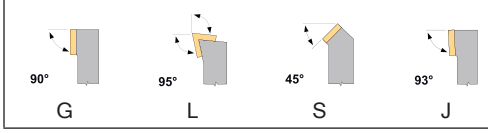
BANDSAW BLADES AND SAW BLADES

p. 260 Bandsaw blades
p. 261 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



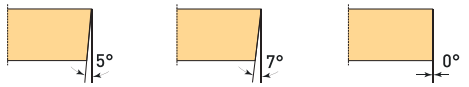
1 - Locking method



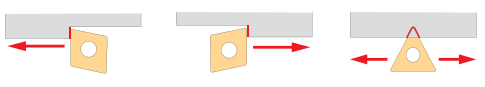
2 - Insert shape



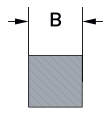
4 - Insert clearance angle



5 - Tool direction



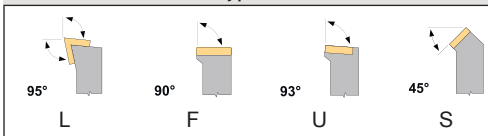
6 - Tool shank size



IDENTIFICATION OF TURNING TOOLS FOR INTERNAL PROCESSING

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

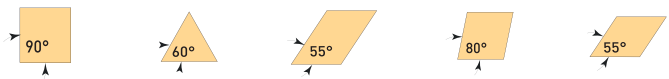
3 - Type of tool



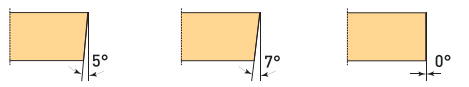
1 - Locking method



2 - Insert shape



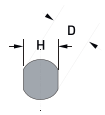
4 - Insert clearance angle



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

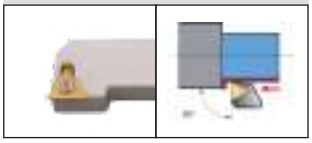
- Vt = (n x π x D) ÷ 1000
- n = (Vt x 1000) ÷ (π x D)
- Vf = n x Fz

Key

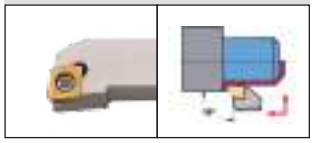
Vc : Cutting speed in metres per minute. It is the peripheral speed with which the cutting edge removes material. (m/min)
n : Spindle rotation speed in revolutions per minute (rpm)
D : Workpiece diameter in millimetres (mm)
Fz : Tool feed (per tooth) per revolution in millimetres (mm/revolution)
Vf :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

TYPOLOGY OF TOOLS FOR EXTERNAL TURNING

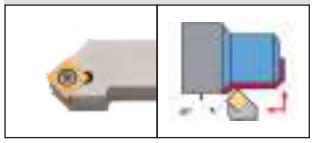
STGCX



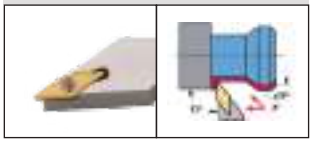
SCLCXE



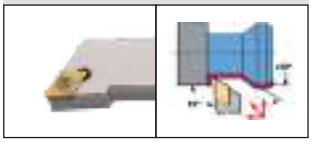
SSCXE



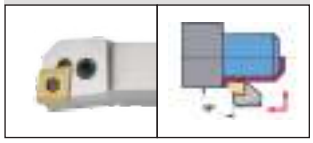
SVJBX



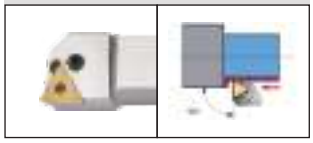
SDJCX



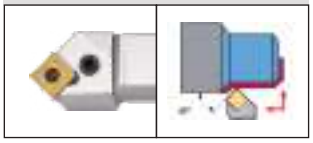
PCLNX



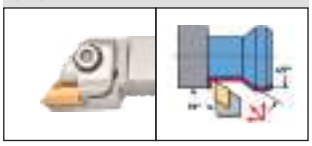
PTGNX



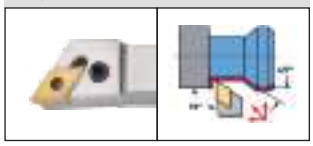
PSSNX



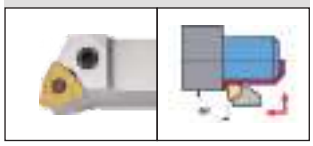
CKJNX



PDJNX

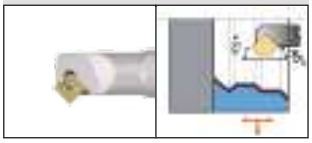


PWLNX

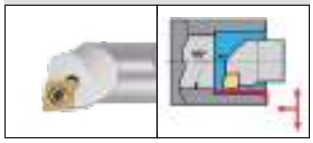


TYPOLOGY OF TOOLS FOR INTERNAL TURNING

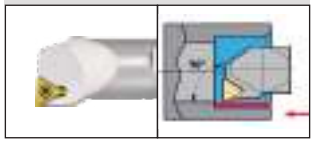
SSSCRX



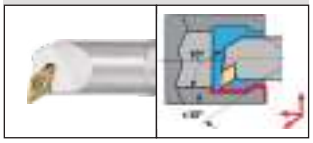
SCLCX



STFCX



SDUCX



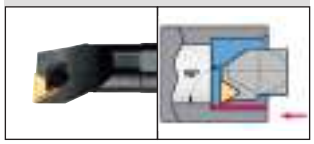
MCLNX



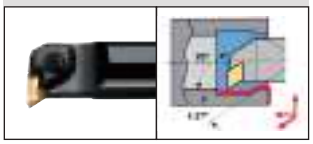
MTFNX



CTFPX

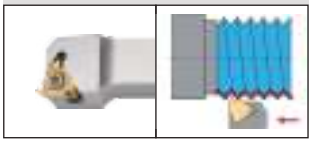


CKUNR

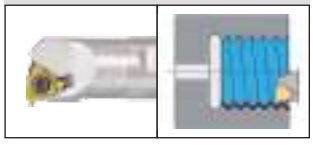


TYPOLOGY OF THREADING TOOLS

SERX

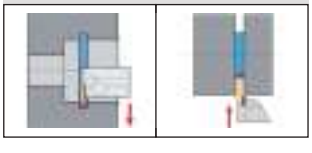


SNRX



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.



Box | Burnished | External | Lathe



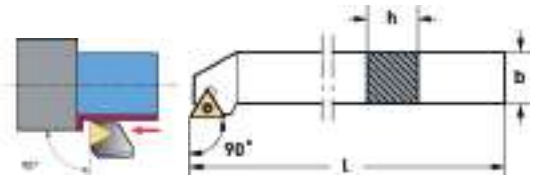
Art.	Ext. shank / Insert	Int. shank / Insert	Length	Screw
B007/10	10 mm / TCMT110204...	8 mm / TCMT090204...	Ext: 63 mm / Int: 100 mm	KV250
B007/12	12 mm / TCMT110204...	10 mm / TCMT110204...	Ext: 88 mm / Int: 125 mm	KV250
B007/16	16 mm / TCMT16T304...	12 mm / TCMT110204...	Ext: 100 mm / Int: 150 mm	Ext: KV400 / Int: KV250
B007/20	20 mm / TCMT16T304...	16 mm / TCMT110204...	Ext: 115 mm / Int: 200 mm	Ext: KV400 / Int: KV250
B007/25	25 mm / TCMT16T304...	20 mm / TCMT110204...	Ext: 150 mm / Int: 250 mm	Ext: KV400 / Int: KV250
B007/32	32 mm / TCMT16T304...	25 mm / TCMT16T304...	Ext: 170 mm / Int: 250 mm	KV400

KITSTGCX

EXTERNAL TOOL HOLDER WITH INSERTS



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



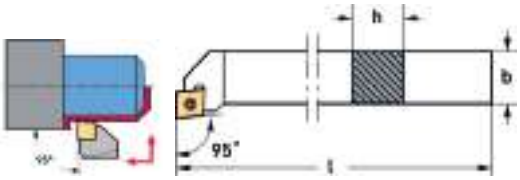
Art.	Ext. tool holder	Bits	b	h	l
KITSTGCR16	STGCR16/11	TCMT110204N x 10 Pcs	16 mm	16 mm	100 mm
KITSTGCR20	STGCR20	TCMT16T304N x 10 Pcs	20 mm	20 mm	125 mm
KITSTGCR25	STGCR25	TCMT16T304N x 10 Pcs	25 mm	25 mm	150 mm

KITSCLCXE

EXTERNAL TOOL HOLDER WITH INSERTS



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



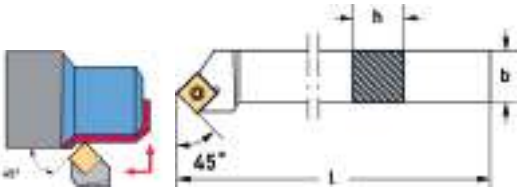
Art.	Ext. tool holder	Bits	b	h	l
KITSCLCR12E	SCLCR12E	CCMT09T304N x 10 Pcs	12 mm	12 mm	80 mm
KITSCLCR16E	SCLCR16E	CCMT09T304N x 10 Pcs	16 mm	16 mm	100 mm
KITSCLCR20E	SCLCR20E	CCMT120408N x 10 Pcs	20 mm	20 mm	125 mm
KITSCLCR25E	SCLCR25E	CCMT120408N x 10 Pcs	25 mm	25 mm	150 mm

KITSSSCXE

EXTERNAL TOOL HOLDER WITH INSERTS



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



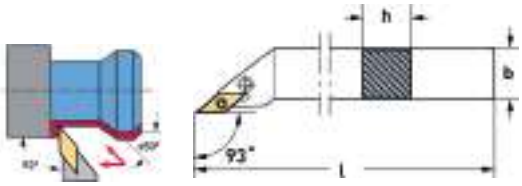
Art.	Ext. tool holder	Bits	b	h	l
KITSSSCR20E	SSSCR20E	SCMT120408N x 10 Pcs	20 mm	20 mm	125 mm
KITSSSCR25E	SSSCR25E	SCMT120408N x 10 Pcs	25 mm	25 mm	150 mm

KITSVJBX

EXTERNAL TOOL HOLDER WITH INSERTS



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



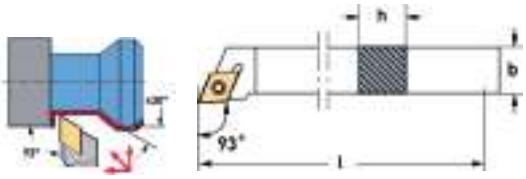
Art.	Ext. tool holder	Bits	b	h	l
KITSVJBR20	SVJBR20	VBMT160404N x 10 Pcs	20 mm	20 mm	125 mm
KITSVJBR25	SVJBR25	VBMT160404N x 10 Pcs	25 mm	25 mm	150 mm

KITSDJCX

EXTERNAL TOOL HOLDER WITH INSERTS



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



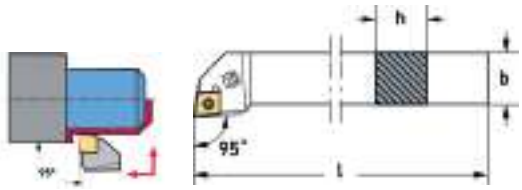
Art.	Ext. tool holder	Bits	b	h	l
KITSDJCR10	SDJCR10	DCMT070204N x 10 Pcs	10 mm	10 mm	70 mm
KITSDJCR12	SDJCR12	DCMT070204N x 10 Pcs	12 mm	12 mm	80 mm
KITSDJCR16	SDJCR16	DCMT070204N x 10 Pcs	16 mm	16 mm	100 mm
KITSDJCR20	SDJCR20	DCMT11T304N x 10 Pcs	20 mm	20 mm	125 mm
KITSDJCR25	SDJCR25	DCMT11T304N x 10 Pcs	25 mm	25 mm	150 mm

KITPCLNX

EXTERNAL TOOL HOLDER WITH INSERTS



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



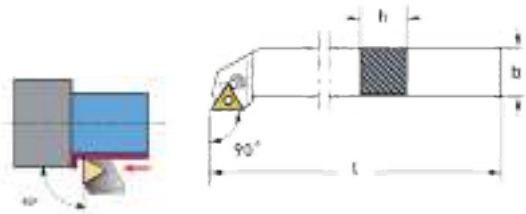
Art.	Ext. tool holder	Bits	b	h	l
KITPCLNR16	PCLNR16	CNMG120404N x 10 Pcs	16 mm	16 mm	100 mm
KITPCLNR20	PCLNR20	CNMG120404N x 10 Pcs	20 mm	20 mm	125 mm
KITPCLNR25	PCLNR25	CNMG120404N x 10 Pcs	25 mm	25 mm	150 mm

KITPTGNX

EXTERNAL TOOL HOLDER WITH INSERTS



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

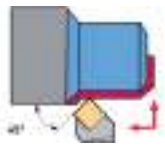


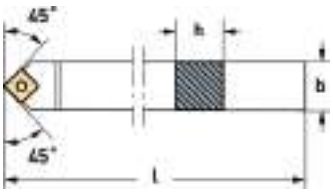
Art.	Ext. tool holder	Bits	b	h	l
KITPTGNR16	PTGNR16	TNMG160404N x 10 Pcs	16 mm	16 mm	100 mm
KITPTGNR20	PTGNR20	TNMG160404N x 10 Pcs	20 mm	20 mm	125 mm
KITPTGNR25	PTGNR25	TNMG160404N x 10 Pcs	25 mm	25 mm	150 mm

KITPSSNX

EXTERNAL TOOL HOLDER WITH INSERTS







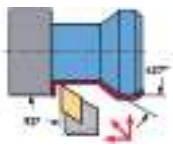
12 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

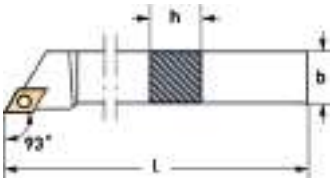
Art.	Ext. tool holder	Bits	b	h	l
KITPSSNR16	PSSNR16	SNMG120404F15 x 10 Pcs	16 mm	16 mm	100 mm
KITPSSNR20	PSSNR20	SNMG120404F15 x 10 Pcs	20 mm	20 mm	125 mm
KITPSSNR25	PSSNR25	SNMG120404F15 x 10 Pcs	25 mm	25 mm	150 mm

KITCKJX

EXTERNAL TOOL HOLDER WITH INSERTS







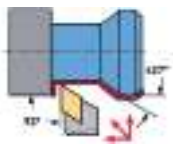
13 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

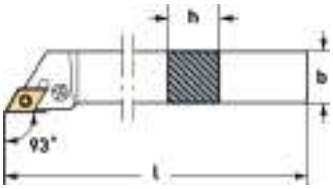
Art.	Ext. tool holder	Bits	b	h	l
KITCKJ16	CKJNR16	KNUX160405RN x 10 Pcs	20 mm	16 mm	100mm
KITCKJ20	CKJNR20	KNUX160405RN x 10 Pcs	20mm	20mm	125mm
KITCKJ25	CKJNR25	KNUX160405RN x 10 Pcs	25mm	25mm	150mm

KITPDJNX

EXTERNAL TOOL HOLDER WITH INSERTS







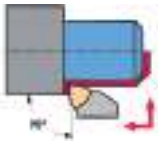
12 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

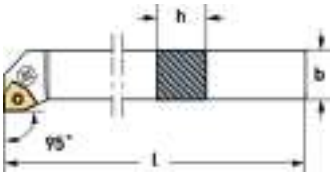
Art.	Ext. tool holder	Bits	b	h	l
KITPDJNR20	PDJNR20	DNMG150608N x 10 Pcs	20 mm	20 mm	125 mm
KITPDJNR25	PDJNR25	DNMG150608N x 10 Pcs	25 mm	25 mm	150 mm

KITPWLNX

EXTERNAL TOOL HOLDER WITH INSERTS







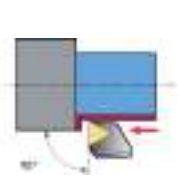
12 Pcs | Carrying case | Satin | Nickel plated | External | Lathe

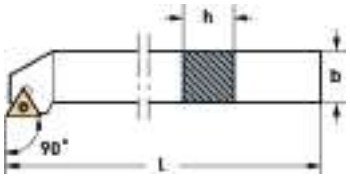
Art.	Ext. tool holder	Bits	b	h	l
KITPWLNR20	PWLNR20	WNMG080408N x 10 Pcs	20 mm	20 mm	125 mm
KITPWLNR25	PWLNR25	WNMG080408N x 10 Pcs	25 mm	25 mm	150 mm

STGCX

90° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





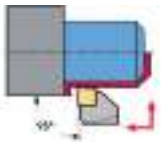


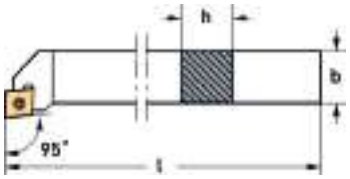
Art.	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
STGCR16/11	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCL16/11	Sx/L	16 mm	16 mm	100 mm	KV250	--------	--------	TCMT1102...
STGCR20	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSTG16	TCMT16T3...
STGCL20	Sx/L	20 mm	20 mm	125 mm	KV350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

SCLCXE

95° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





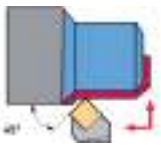


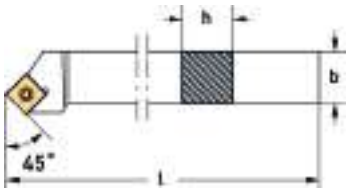
Art.	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SCLCR12E	Dx/R	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCL12E	Sx/L	12 mm	12 mm	80 mm	KV350	--------	---------	CCMT09T3...
SCLCR16E	Dx/R	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCL16E	Sx/L	16 mm	16 mm	100 mm	KV350	BU3550	BSCL09	CCMT09T3...
SCLCR20E	Dx/R	20 mm	20 mm	125 mm	KV401	BU4560	BSCL12	CCMT1204...
SCLCL20E	Sx/L	20 mm	20 mm	125 mm	KV401	BU4560	BSCL12	CCMT1204...
SCLCR25E	Dx/R	25 mm	25 mm	150 mm	KV401	BU4560	BSCL12	CCMT1204...
SCLCL25E	Sx/L	25 mm	25 mm	150 mm	KV401	BU4560	BSCL12	CCMT1204...

SSSCXE

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





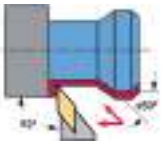


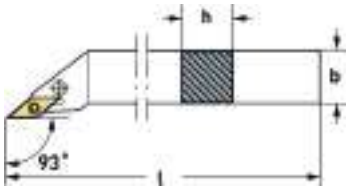
Art.	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SSSCR20E	Dx/R	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCL20E	Sx/L	20 mm	20 mm	125 mm	KV400	BU4560	BSSS12	SCMT1204...
SSSCR25E	Dx/R	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12	SCMT1204...
SSSCL25E	Sx/L	25 mm	25 mm	150 mm	KV450	BU4560	BSSS12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

SVJBX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





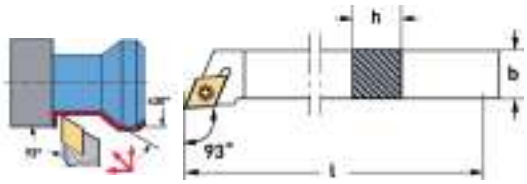


Art.	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SVJBR20	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL20	Sx/L	20 mm	20 mm	125 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBR25	Dx/R	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16	VBMT1604...
SVJBL25	Sx/L	25 mm	25 mm	150 mm	KV350	BU3550	BSVJ16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

SDJCX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



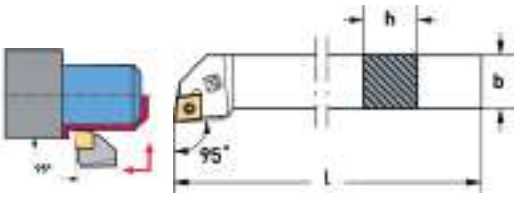


Art.	Side	b	h	l	Screw	Bushing	Base	Insert (not included)
SDJCR10	Dx/R	10 mm	10 mm	70 mm	KV250	--------	--------	DCMT0702...
SDJCR12	Dx/R	12 mm	12 mm	80 mm	KV250	--------	--------	DCMT0702...
SDJCR16	Dx/R	16 mm	16 mm	100 mm	KV250	--------	--------	DCMT0702...
SDJCR20	Dx/R	20 mm	20 mm	125 mm	KV350	BU3550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

PCLNX

95° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



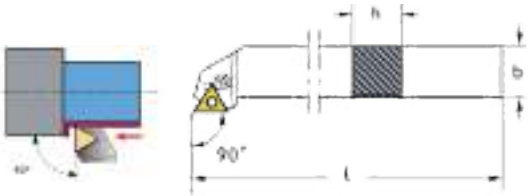


Art.	Side	b	h	l	Spare parts	Insert (not included)
PCLNR16	Dx/R	16 mm	16 mm	100 mm	RICAPCLN	CNMG1204...
PCLNR20	Dx/R	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNL20	Sx/L	20 mm	20 mm	125 mm	RICAPCLN	CNMG1204...
PCLNR25	Dx/R	25 mm	25 mm	150 mm	RICAPCLN	CNMG1204...
PCLNL25	Sx/L	25 mm	25 mm	150 mm	RICAPCLN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

PTGNX

90° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



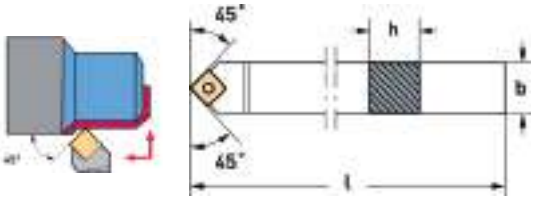


Art.	Side	b	h	l	Spare parts	Insert (not included)
PTGNR16	Dx/R	16 mm	16 mm	100 mm	RICAPTGN	TNMG1604...
PTGNR20	Dx/R	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNL20	Sx/L	20 mm	20 mm	125 mm	RICAPTGN	TNMG1604...
PTGNR25	Dx/R	25 mm	25 mm	150 mm	RICAPTGN	TNMG1604...
PTGNL25	Sx/L	25 mm	25 mm	150 mm	RICAPTGN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

PSSNX

45° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



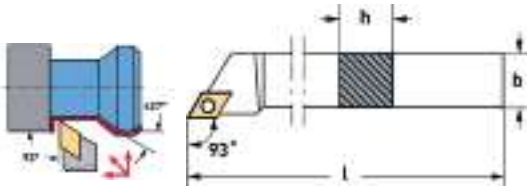


Art.	Side	b	h	l	Spare parts	Insert (not included)
PSSNR16	Dx/R	16 mm	16 mm	100 mm	RICAPSSN	SNMG1204...
PSSNR20	Dx/R	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNL20	Sx/L	20 mm	20 mm	125 mm	RICAPSSN	SNMG1204...
PSSNR25	Dx/R	25 mm	25 mm	150 mm	RICAPSSN	SNMG1204...
PSSNL25	Sx/L	25 mm	25 mm	150 mm	RICAPSSN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

CKJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



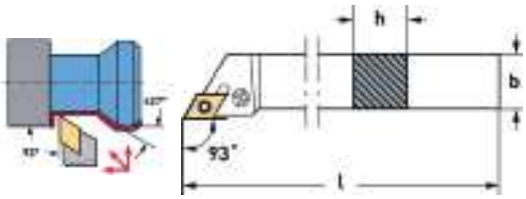


Art.	Side	b	h	l	Bracket	Screw	Base	Insert (not included)
CKJNR16	Dx/R	20 mm	16 mm	100 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNR20	Dx/R	20 mm	20 mm	125 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX160405R...
CKJNL20	Sx/L	20 mm	20 mm	125 mm	STAFCKJNL	VITECKJN	BASECKJNL	KNUX160405L...
CKJNR25	Dx/R	25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

PDJNX

93° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe



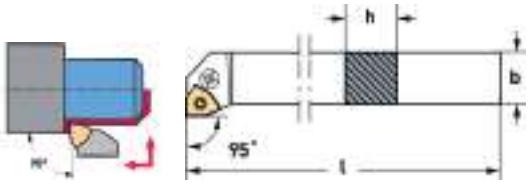


Art.	Side	b	l	h	Spare parts	Insert (not included)
PDJNR20	Dx/R	20 mm	20 mm	125 mm	PDJNRKIT	DNMG1506...
PDJNR25	Dx/R	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...
PDJNL25	Sx/L	25 mm	25 mm	150 mm	PDJNRKIT	DNMG1506...

PWLNX

95° EXTERNAL TOOL HOLDER

Box Satin Nickel plated External Lathe





Art.	Side	b	h	l	Spare parts	Insert (not included)
PWLNR20	Dx/R	20 mm	20 mm	125 mm	PWLNRKIT	WNMG0804...
PWLNR25	Dx/R	25 mm	25 mm	150 mm	PWLNRKIT	WNMG0804...
PWLNL25	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.



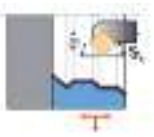
Box Burnished External Lathe

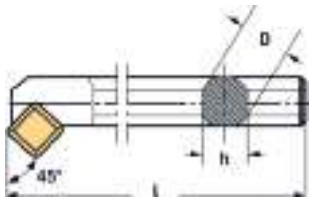
Art.	Tool height	Pitch
G007/16	16 mm	0,8 - 1,2 - 1,8 mm
G007/20	20 mm	0,8 - 1,2 - 1,8 mm

KITSSSCRX

INTERNAL TOOL HOLDER WITH INSERTS

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





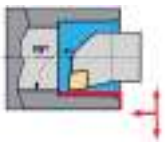


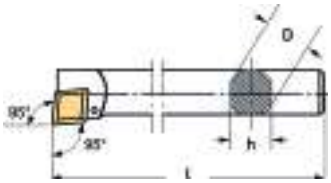
Art.	Int. tool holder	Bits	D	h	l
KITSSSCR16	SSSCR16	SCMT09T30420A x 10 Pcs	16 mm	15 mm	200 mm
KITSSSCR20	SSSCR20	SCMT09T30420A x 10 Pcs	20 mm	18 mm	250 mm
KITSSSCR25	SSSCR25	SCMT09T30420A x 10 Pcs	25 mm	22,5 mm	300 mm

KITSCLCRX

INTERNAL TOOL HOLDER WITH INSERTS

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





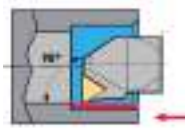


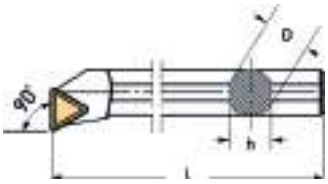
Art.	Int. tool holder	Bits	D	h	l
KITSCLCR10	SCLCR10	CCMT060204N x 10 Pcs	10 mm	9 mm	140 mm
KITSCLCR12	SCLCR12	CCMT060204N x 10 Pcs	12 mm	11 mm	160 mm
KITSCLCR16	SCLCR16	CCMT09T304N x 10 Pcs	16 mm	14,5 mm	180 mm
KITSCLCR20	SCLCR20	CCMT09T304N x 10 Pcs	20 mm	18 mm	200 mm
KITSCLCR25	SCLCR25	CCMT09T304N x 10 Pcs	25 mm	22,5 mm	250 mm
KITSCLCR32	SCLCR32	CCMT09T304N x 10 Pcs	32 mm	22,5 mm	250 mm

KITSTFCRX

INTERNAL TOOL HOLDER WITH INSERTS

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





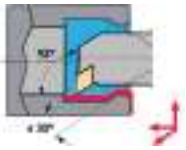


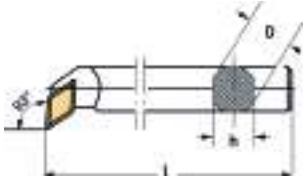
Art.	Int. tool holder	Bits	D	h	l
KITSTFCR10	STFCR10	TCMT110204N x 10 Pcs	10 mm	9 mm	150 mm
KITSTFCR12	STFCR12	TCMT110204N x 10 Pcs	12 mm	11 mm	150 mm
KITSTFCR16	STFCR16	TCMT110204N x 10 Pcs	16 mm	15,5 mm	200 mm
KITSTFCR20	STFCR20	CCMT09T304N x 10 Pcs	20 mm	18,5 mm	250 mm
KITSTFCR25	STFCR25	CCMT09T304N x 10 Pcs	25 mm	22,5 mm	250 mm

KITSDUCRX

INTERNAL TOOL HOLDER WITH INSERTS

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





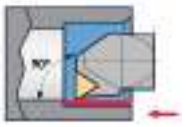


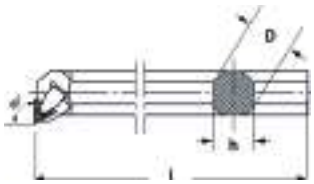
Art.	Int. tool holder	Bits	D	h	l
KITSDUCR12	SDUCR12	DCMT070204N x 10 Pcs	12 mm	11 mm	160 mm
KITSDUCR16	SDUCR16	DCMT070204N x 10 Pcs	16 mm	15 mm	180 mm
KITSDUCR20	SDUCR20	DCMT11T304N x 10 Pcs	20 mm	18 mm	200 mm
KITSDUCR25	SDUCR25	DCMT11T304N x 10 Pcs	25 mm	23 mm	250 mm

KITMTFNRX

INTERNAL TOOL HOLDER WITH INSERTS









Art.	Int. tool holder	Bits	D	h	l
KITMTFNR16	MTFNR16	TNMG160408N x 10 Pcs	16 mm	15 mm	210 mm
KITMTFNR20	MTFNR20	TNMG160408N x 10 Pcs	20 mm	18 mm	255 mm

KITCKUNR25

INTERNAL TOOL HOLDER WITH INSERTS





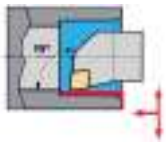
Art.	Int. tool holder	Bits	D	h	l
KITCKUNR25	CKUNR25	KNUX160405RN x 10 Pcs	25 mm	23 mm	300 mm



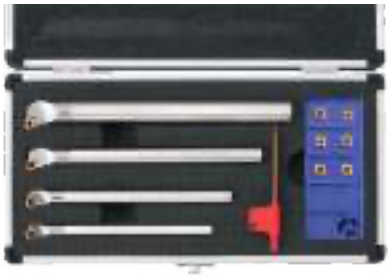
KISCLCR

SOLID BORING BAR SET 95°



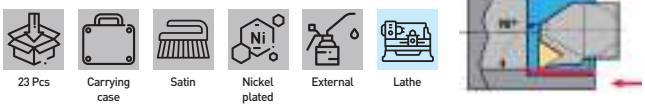


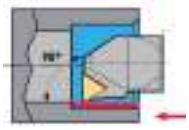
Int. tool holder	SCLCR08; SCLCR10; SCLCR12; SCLCR16
Bits	CCMT060204N x 10 Pcs
Torx key	T7 x 2 Pcs
Screw	T7 x 2,5 mm x 4 Pcs



KISTCMT

SOLID BORING BAR SET 90°





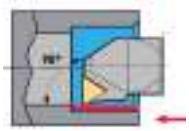
Int. tool holder	STFCR08; STFCR10; STFCR12; STFCR16; STFCR20
Bits	TCMT110204N x 10 Pcs
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 2 Pcs



KISTFCR

SOLID BORING BAR SET 90°



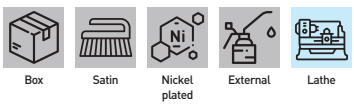


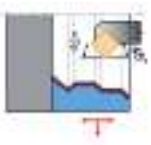
Int. tool holder	STFCR08, STFCR10, STFCR12, STFCR16, STFCR20
Insert (not included)	TCMT110204...
Torx key	T8 x 2 Pcs
Screw	T8 x 2,5 mm x 5 Pcs

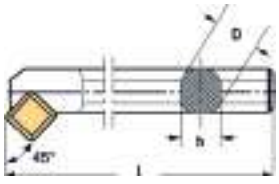


SSSCRX

45° INTERNAL TOOL HOLDER









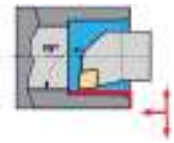
Art.	D	h	l	Screw	Insert (not included)
SSSCR16	16 mm	15 mm	200 mm	KV400	SCMT09T3...
SSSCR20	20 mm	18 mm	250 mm	KV400	SCMT09T3...
SSSCR25	25 mm	22.5 mm	300 mm	KV400	SCMT09T3...

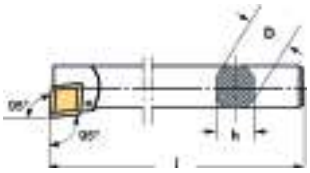
P. 158

SCLCX

95° SOLID BORING BAR

Box | Burnished | External | Lathe





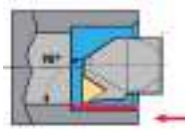


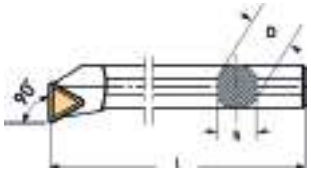
Art.	Side	D	h	l	Screw	Insert (not included)
SCLCR08	Dx/R	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCL08	Sx/L	8 mm	7 mm	125 mm	KV250	CCMT0602...
SCLCR10	Dx/R	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCL10	Sx/L	10 mm	9 mm	140 mm	KV250	CCMT0602...
SCLCR12	Dx/R	12 mm	11 mm	160 mm	KV250	CCMT0602...
SCLCL12	Sx/L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

STFCX

90° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe





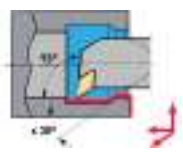


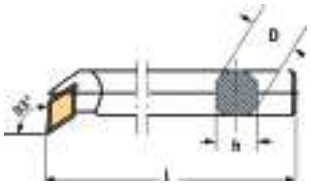
Art.	Side	D	h	l	Screw	Insert (not included)
STFCR08	Dx/R	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCL08	Sx/L	8 mm	7 mm	125 mm	KV250	TCMT1102...
STFCR10	Dx/R	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCL10	Sx/L	10 mm	9 mm	150 mm	KV250	TCMT1102...
STFCR12	Dx/R	12 mm	11 mm	150 mm	KV250	TCMT1102...
STFCL12	Sx/L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

SDUCX

93° SOLID BORING BAR

Box | Satin | Nickel plated | External | Lathe



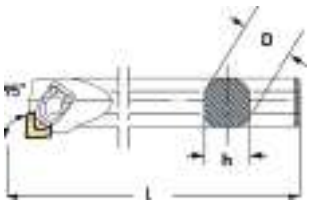




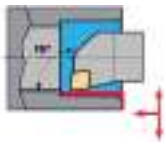
Art.	Side	D	h	l	Screw	Insert (not included)
SDUCR10	Dx/R	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCL10	Sx/L	10 mm	9 mm	140 mm	KV250	DCMT0702...
SDUCR12	Dx/R	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCL12	Sx/L	12 mm	11 mm	160 mm	KV250	DCMT0702...
SDUCR16	Dx/R	16 mm	15 mm	180 mm	KV250	DCMT0702...
SDUCL16	Sx/L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

MCLNX

95° SOLID BORING BAR





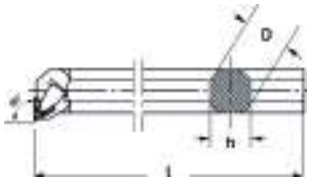


Box Burnished External Lathe

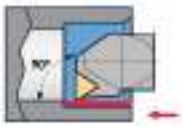
Art.	Side	D	h	l	Bracket	Base	Insert (not included)
MCLNR16	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL16	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	CNMG1204...
MCLNR20	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...
MCLNL20	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	CNMG1204...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

MTFNX

90° SOLID BORING BAR





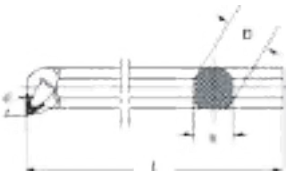


Box Burnished External Lathe

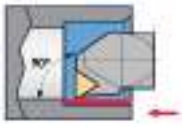
Art.	Side	D	h	l	Bracket	Base	Insert (not included)
MTFNR16	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL16	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TNMG1604...
MTFNR20	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...
MTFNL20	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TNMG1604...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

CTFPX

90° SOLID BORING BAR





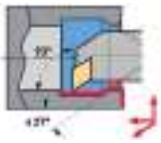


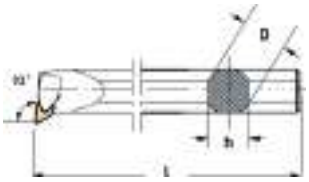
Box Burnished External Lathe

Art.	Side	D	h	l	Bracket	Base	Insert (not included)
CTFPR12	Dx/R	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPL12	Sx/L	12 mm	11 mm	150 mm	CTFP10/12	--------	TPMR1103...
CTFPR16	Dx/R	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPL16	Sx/L	16 mm	15 mm	210 mm	CTMTMC16/20	--------	TPMR1103...
CTFPR20	Dx/R	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPL20	Sx/L	20 mm	18 mm	255 mm	CTMTMC16/20	--------	TPMR1603...
CTFPR25	Dx/R	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL25	Sx/L	25 mm	23 mm	300 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPR32	Dx/R	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...
CTFPL32	Sx/L	32 mm	30 mm	355 mm	CTMTMC25/32	CTFPBASE25/32	TPMR1603...

CKUNR

93° SOLID BORING BAR







Box Burnished External Lathe

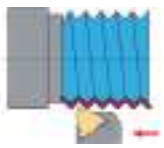
Art.	Side	D	h	l	Bracket	Screw	Base	Insert (not included)
CKUNR25	Dx/R	25 mm	23 mm	300 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR32	Dx/R	32 mm	30 mm	350 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...
CKUNR40	Dx/R	40 mm	37 mm	400 mm	STAFCKJNR	VITECKJN	BASECKJNR	KNUX1604...

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

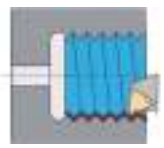
Art.	Ext. tool holder	Insert	Torx key	Screw	b	l	h
KISER	SER20	16ER...	T15	M3,5 x 12 mm	20 mm	20 mm	125 mm
KISER25	SER25	16ER...	T15	M3,5 x 12 mm	25 mm	25 mm	150 mm

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

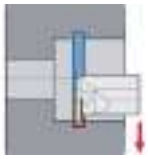
Art.	Int. tool holder	Insert	Torx key	Screw	D	h	l
KISNR	SNR20	16IR...	T15	M3.5 x 12 mm	20 mm	18 mm	200 mm
KISNR25	SNR25	16IR...	T15	M3.5 x 12 mm	25 mm	23 mm	200 mm

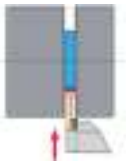
KICAN

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 M3.5 x 8mm (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).





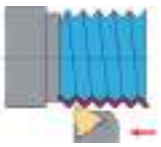


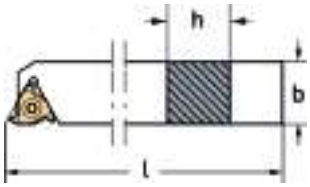
16 Pcs Carrying case Satin Nickel plated External Lathe

SERX

EXTERNAL THREADING TOOL WITH SCREW CLAMPING

Box Satin Nickel plated External Lathe





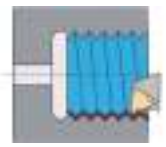


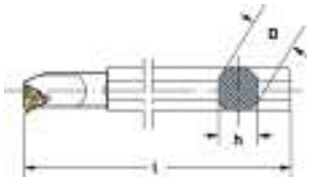
Art.	b	h	l	Base	Bushing	Screw	Insert (not included)
SER16	16 mm	16 mm	100 mm	--------	--------	KV350	16ER..
SER20	20 mm	20 mm	125 mm	BSER16	BU3550	KV350	16ER...
SER25	25 mm	25 mm	150 mm	BSER16	BU3550	KV350	16ER...

SNRX

INTERNAL THREADING TOOL WITH SCREW CLAMPING

Box Satin Nickel plated External Lathe







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

KITT09X

CUTTING TOOL HOLDER WITH INSERTS

Carrying case Satin Nickel plated External Lathe



Art.	Contents	S	h	l	Bits
KITT090	1 Pc SGIH32/3 - 1 Pc SGIH32/4 1 Pc SGIH32/5 - 1 Pc SGTBK25	3 - 4 - 5 mm	31,75 mm	150/160 mm	GCMX3N134 - GCMX4N134 GCMX5N134
KITT091	1 Pc SGIH26/2 - 1 Pc SGIH26/3 1 Pcs SGTBK20	2 - 3 mm	25,75 mm	109 mm	GCMX3N134 GCMX4N134

T09X

TOOL CUTTING SET

Carrying case Satin Nickel plated External Lathe



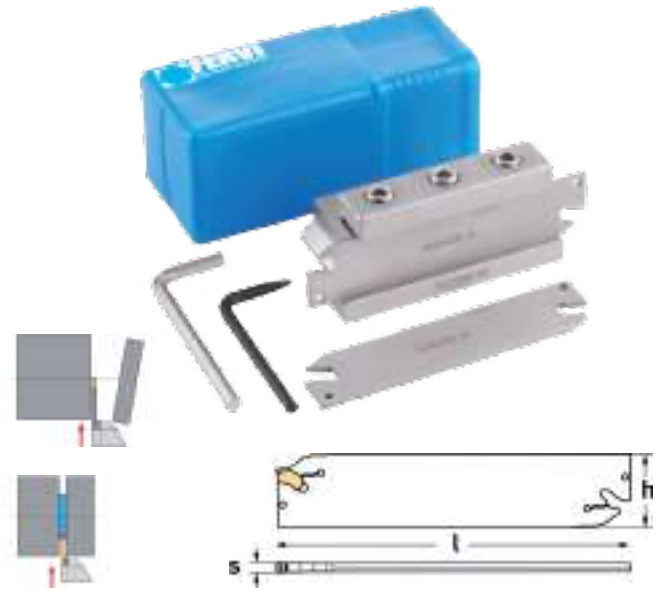




Art.	Set composition	S	h	l	Insert (not included)
T090	1 Pc SGIH32/3 - 1 Pc SGIH32/4 1 Pc SGIH32/5 - 1 Pc SGTBK25	3 - 4 - 5 mm	31,75 mm	150/160 mm	GCMX3N - GCMX4N GCMX5N
T091	1 Pc SGIH26/2 - 1 Pc SGIH26/3 1 Pc SGTBK20	2 - 3 mm	25,75 mm	109 mm	GCMX2N - GCMX3N

T088

TOOL CUTTING SET

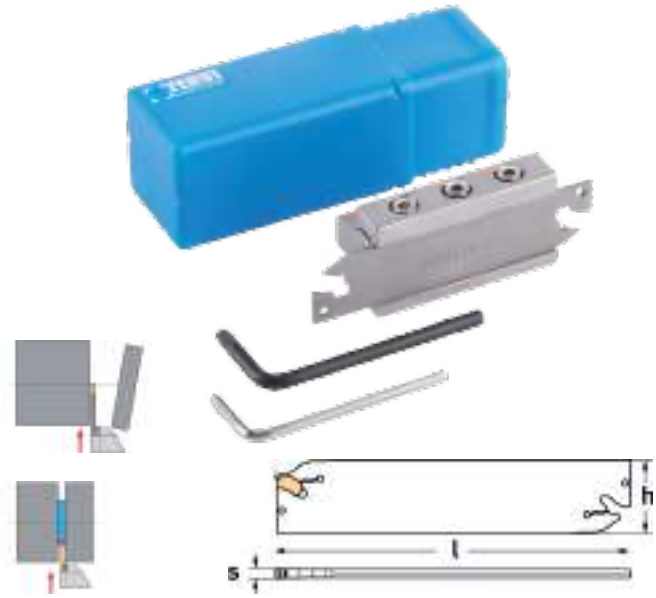


Box Satin Nickel plated External Lathe

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

TOOL CUTTING SET



Box Satin Nickel plated External Lathe

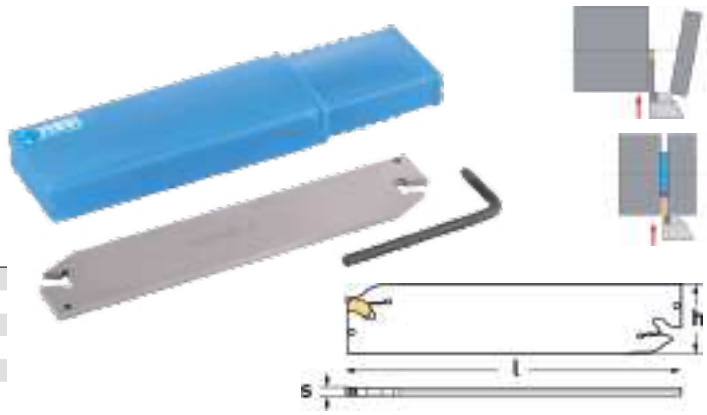
Set composition	1 Pcs SGIH19/2 - 1 Pcs SGTBK10
S	2 mm
h	19.5 mm
l	85 mm
Insert (not included)	GCMX2N

SGIH

TOOL FOR EXTERNAL CUTTING - BLADE

Box Satin Nickel plated External Lathe

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



SGTBK

TOOL FOR EXTERNAL CUTTING - BLADE TOOL HOLDER

Box Satin Nickel plated Lathe

Art.	Tool height	Dimensions	Blade
SGTBK10	10 x 10 mm	56 x 25 x 30 mm	19 mm
SGTBK16	16 x 16 mm	87 x 38 x 33 mm	26 mm
SGTBK20	20 x 20 mm	100 x 38 x 45h mm	26 mm
SGTBK25	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



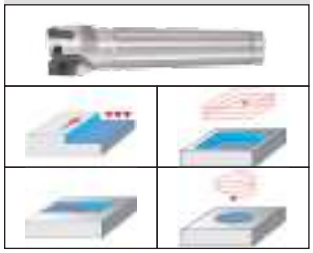
FERVI MILLING TOOLS TYPOLOGY

90° MILLING CUTTER

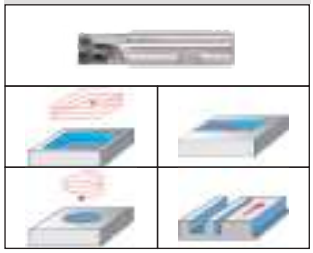
F300-



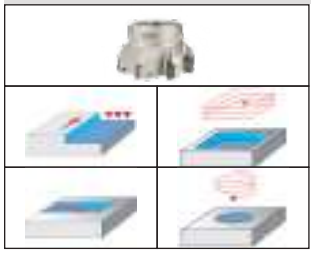
F301-



F306-



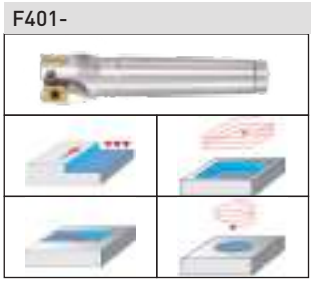
F302-



F402-



F401-



F400-



F256-



45° MILLING MACHINE

F304-



F407-



F303-



F308-



F406-

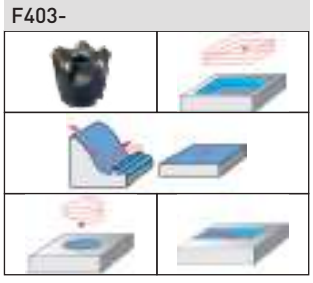


F307/16/22



MILLING MACHINE FOR CONTOURING AND FLATTENING ROUND INSERTS

F403-



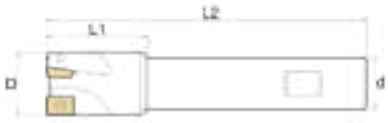
F300-

STRAIGHT SHANK FACE MILLING CUTTER

With cylindrical shank.





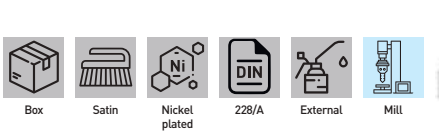


Art.	D	d	Z	L1	L2	Screw	Insert (not included)
F300/12	12 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003...
F300/14	14 mm	12 mm	1	27 mm	120 mm	KV250	APKT1003..
F300/16	16 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/18	18 mm	16 mm	2	27 mm	120 mm	KV250	APKT1003...
F300/20	20 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/22	22 mm	20 mm	3	27 mm	120 mm	KV250	APKT1003...
F300/25	25 mm	20 mm	4	27 mm	120 mm	KV250	APKT1003...
F300/25/16	25 mm	20 mm	2	44 mm	120 mm	KV400	APKT1604...
F300/25/16L	25 mm	20 mm	2	44 mm	200 mm	KV400	APKT1604...
F300/32/16	32 mm	25 mm	3	50 mm	120 mm	KV400	APKT1604...
F300/32/16L	32 mm	32 mm	3	55 mm	200 mm	KV400	APKT1604...

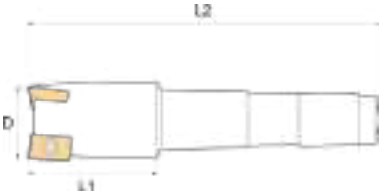
F301-

STRAIGHT SHANK FACE MILLING CUTTER

With morse taper.







Art.	D	MT	Z	L1	L2	Screw	Insert (not included)
F301/25	25 mm	3	2	40 mm	125 mm	KV400	APKT1604...
F301/32	32 mm	3	3	40 mm	125 mm	KV400	APKT1604...
F301/40	40 mm	3	4	35 mm	125 mm	KV400	APKT1604...
F301/32CM4	32 mm	4	3	45 mm	150 mm	KV400	APKT1604...
F301/40CM4	40 mm	4	4	40 mm	150 mm	KV400	APKT1604...

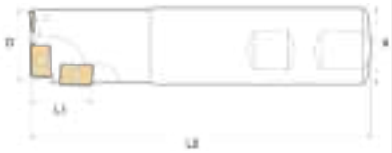
F306-

FACE MILLING CUTTER

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







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

F302-

FACE MILLING CUTTER

With sleeve connection.







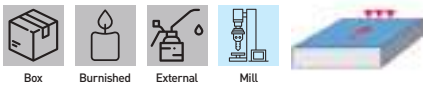
Art.	D	L	d	Z	Screw	Insert (not included)
F302/040	40 mm	40 mm	16 mm	4	KV400	APKT1604...
F302/050	50 mm	45 mm	22 mm	4	KV400	APKT1604...
F302/063	63 mm	50 mm	22 mm	6	KV400	APKT1604...
F302/080	80 mm	50 mm	27 mm	7	KV400	APKT1604...
F302/100	100 mm	50 mm	32 mm	8	KV400	APKT1604...

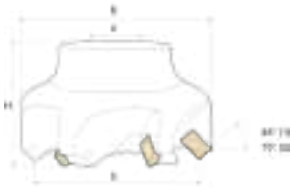
F304-

FACE MILLING CUTTER FOR BLIND SIDE'S INSERT

With sleeve connection.







Art.	D	H	B	d	Z	Screw	Insert (not included)
F304/063	63 mm	42 mm	71,2 mm	22 mm	6	KV250	APKT1003...
F304/080	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	25 mm	20 mm	2	35 mm	110 mm	KV400	ADLT1503...
F402/32	32 mm	25 mm	3	35 mm	120 mm	KV400	ADLT1503...
F402/25L	25 mm	25 mm	2	35 mm	200 mm	KV400	ADLT1503...
F402/32L	32 mm	25 mm	3	35 mm	200 mm	KV400	ADLT1503...

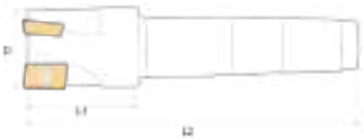
F401-

FACE MILLING CUTTER

With morse taper.







Art.	D	MT	Z	L1	L2	Screw	Insert (not included)
F401/25	25 mm	3	2	44 mm	130 mm	KV400	ADLT1503...
F401/32	32 mm	3	3	44 mm	130 mm	KV400	ADLT1503...
F401/40	40 mm	3	4	44 mm	130 mm	KV400	ADLT1503...
F401/40CM4	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	40 mm	40 mm	8,4 mm	16 mm	4	KV400	ADLT1503...
F400/050	50 mm	40 mm	10,4 mm	22 mm	5	KV400	ADLT1503...
F400/063	63 mm	40 mm	10,4 mm	22 mm	6	KV400	ADLT1503...
F400/080	80 mm	50 mm	12,4 mm	27 mm	7	KV400	ADLT1503...
F400/100	100 mm	50 mm	14,4 mm	32 mm	8	KV400	ADLT1503...

F256-

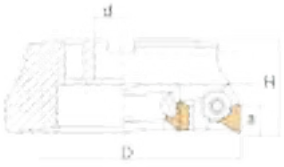
FACE MILLING

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





Box Satin Nickel plated Internal Mill



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

F407-

MILLING CUTTER WITH NEGATIVE INSERTS FOR FACE MILLING

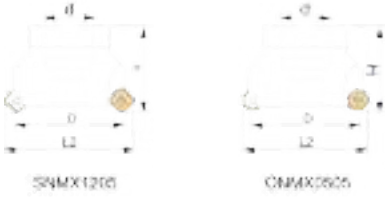
With sleeve connection, recommended for use on machines with medium/high power.







Box Satin Nickel plated Internal Mill



Art.	D	H	L2	d	Z	Screw	Insert (not included)
F407/050	50 mm	40 mm	63 mm	22 mm	4	KV401	ONMX1205... - SNMX1205...
F407/100	100 mm	50 mm	113 mm	32 mm	8	KV401	ONMX1205... - SNMX1205...

F303-

FACE MILLING CUTTER

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





Box Satin Nickel plated External Mill



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





Box Burnished External Mill



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

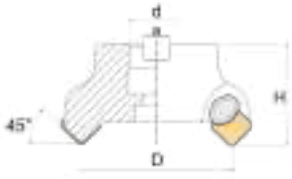
F406-

FACE MILLING CUTTER

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







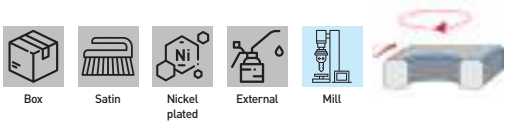
Art.	D	H	a	d	Z	Screw	Insert base	Insert (not included)
F406/40	40 mm	48 mm	8,4 mm	16 mm	3	VTN00440	WSSP	SEKN1203...
F406/50	50 mm	48 mm	10,4 mm	22 mm	4	VTN00440	WSSP	SEKN1203...
F406/63	63 mm	48 mm	12,4 mm	22 mm	5	VTN00440	WSSP	SEKN1203...
F406/80	80 mm	50 mm	14,4 mm	27 mm	5	VTN00440	WSSP	SEKN1203...
F406/100	100 mm	50 mm	16,4 mm	32 mm	6	VTN00440	WSSP	SEKN1203...

F307/16/22

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	40 mm	40 mm	8,4 mm	16 mm	3	KV400	RPMT1204...
F403/50	50 mm	40 mm	10,4 mm	22 mm	4	KV400	RPMT1204...
F403/63	63 mm	40 mm	10,4 mm	22 mm	5	KV400	RPMT1204...
F403/80	80 mm	50 mm	12,4 mm	27 mm	6	KV400	RPMT1204...
F403/100	100 mm	50 mm	14,4 mm	32 mm	6	KV400	RPMT1204...

BSTG16
SET 5 BASES 16MM



BU3550
5 BUSHING SET



BSCL09
SET 5 BASES 9MM



BSCL12
SET 5 BASES 12MM



BU4560
5 BUSHING SET



BSSS12
5 SQUARE BASES 12MM



BSVJ16
SET 5 BASES 16MM



BSDJ11
5 RHOMBIC BASES 11MM



BU4050
5 BUSHING SET



RICAPCLN
BASE BRACKET SCREW KIT



RICAPTGN
BASE BRACKET SCREW KIT



RICAPSSN
BASE BRACKET SCREW KIT



STAFCKJNR
RIGHT TOOL BRACKET



STAFCKJNL
LEFT TOOL BRACKET



BASECKJNR
CARBIDE BASE RIGHT TOOL



BASECKJNL
CARBIDE BASE LEFT TOOL



VITECKJN
TOOL SCREW



PDJNRKIT
KIT PARTS



PWLNRKIT
BASE BRACKET SCREW KIT



MCLNBASE25/32
BASE



CTMTMC16/20
TOOL BRACKET 16 - 20



CTMTMC25/32
TOOL BRACKET 25 - 32



MTFNBASE25/32
BASE



CTFP10/12
TOOL BRACKET



CTFPBASE25/32
BASE
For 25 - 32.



BSER16
5 CARBIDE BASE 16MM



BSNR16
5 CARBIDES
16 mm.



F256/648
MILL SCREW 080/125



F256/644
MILL SCREW 040/063



VT00440
5 PCS MILL SCREWS



WSSP
BASE



KVX
SCREWS 10 PCS

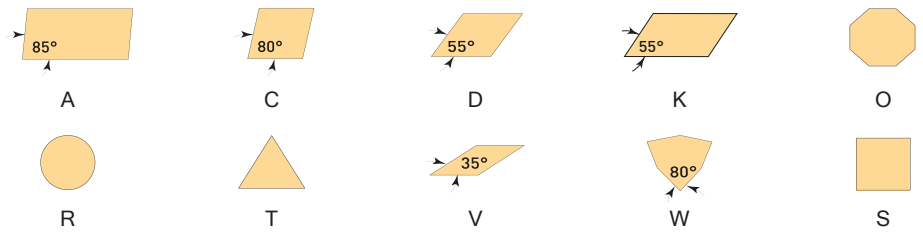


Art.	Dimensions	Machine unit dimensions	Degrees	Tee star
KV200	M2 x 4,5 mm	Ø 2,7 mm	55°	TX 6
KV250	M2,5 x 6 mm	Ø 3,7 mm	45°	TX 8
KV300	M3 x 8 mm	Ø 4 mm	60°	TX 9
KV350	M3,5 x 12 mm	Ø 5,3 mm	60°	TX 15
KV400	M4 x 12 mm	Ø 5,7 mm	60°	TX 15
KV401	M4 x 11,8 mm	Ø 6,5 mm	40°	TX 20
KV450	M4,5 x 10 mm	Ø 6,8 mm	60°	TX 15
KV500	M5 x 11 mm	Ø 6,4 mm	43°	TX 20

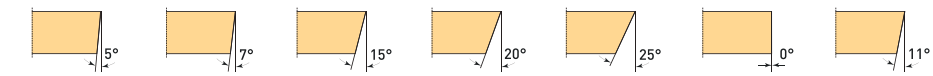
IDENTIFICATION OF TURNING AND MILLING INSERTS

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

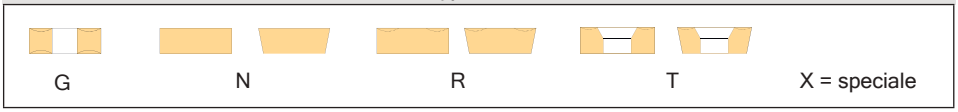
1 - Shape of insert



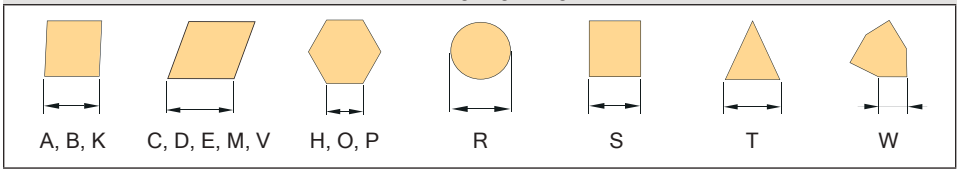
2 - Relief angle



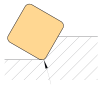
4 - Type of insert



5 - Cutting edge length

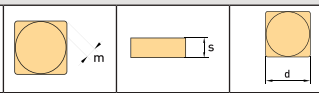


7 - Radius



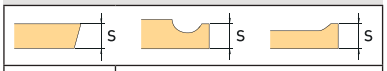
04	r 0,4
08	r 0,8
12	r 1,2
10	r 1,0

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

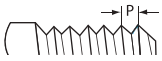
16	E	R	175	ISO
A1	A2	A3	A4	A5

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	●		○	✓			✓	
CCMTxA	●	○	○	✓			✓	
CNMGx	●		○	✓	✓		✓	
CNMGxF15	●		○	✓			✓	
CNMGxF25	○		○	✓			✓	
CNMGxM25	●		○		✓		✓	
CNMGxM35	○				✓		✓	
DCMTx	●		○	✓			✓	
DCMTxA	●	●	○	✓			✓	
DNMGx	●		○		✓		✓	
DNMGxM25	●		○		✓		✓	
DNMGxM35	○				✓		✓	
KNUx	●			✓			✓	
SCMTx	●	●	○	✓			✓	
SCMTxA1	●		○	✓			✓	
SCMTxA2	●	●	○	✓	✓		✓	
SCMTxA3	●	●	○	✓	✓		✓	
SNMGxF15	●		○	✓			✓	
SNMGxF25	○		○	✓			✓	
SNMGxM25	●		○		✓		✓	
SNMGxM35	○				✓		✓	
SPMRx	●			✓			✓	
TCMTx	●	●	○	✓	✓		✓	
TCMTxA	●	○	○	✓			✓	
WNMGx	●				✓		✓	
WNMGxM25	●		○		✓		✓	
WNMGxM35	○				✓		✓	

	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**

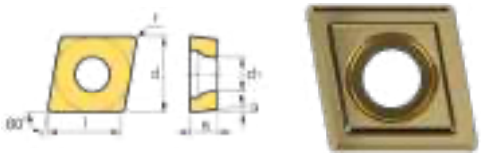
○ **Possible Application**

✓ **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	6 mm	6,35 mm	6,3 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
CCMT09T304N	9 mm	9,52 mm	9,7 mm	3,97 mm	0,4 mm	4,4 mm	7°	10
CCMT09T308N	9 mm	9,52 mm	9,7 mm	3,97 mm	0,8 mm	4,4 mm	7°	10
CCMT120408N	12 mm	12,70 mm	12,9 mm	4,76 mm	0,8 mm	5,5 mm	7°	10

CCMTXA

TURNING INSERTS

Positive.



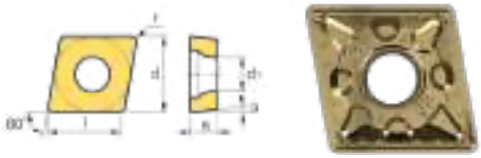
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
CCMT06020420A	6 mm	6,35 mm	6,3 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
CCMT09T30420A	9 mm	9,52 mm	9,7 mm	3,97 mm	0,4 mm	4,4 mm	7°	10
CCMT09T30820A	9 mm	9,52 mm	9,7 mm	3,97 mm	0,8 mm	4,4 mm	7°	10
CCMT12040820A	12 mm	12,70 mm	12,9 mm	4,76 mm	0,8 mm	5,5 mm	7°	10

CNMGX

TURNING INSERTS

Negative.



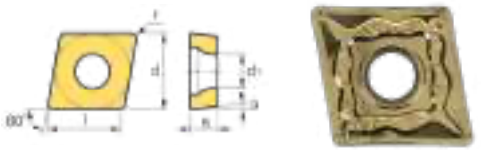
Box | Finishing | Medium | P | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404N	12 mm	12,70 mm	12,9 mm	4,76 mm	0,4 mm	5,16 mm	-	10
CNMG120408N	12 mm	12,70 mm	12,9 mm	4,76 mm	0,8 mm	5,16 mm	-	10

CNMGXF15

TURNING INSERTS

Negative.



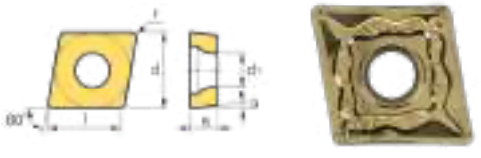
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F15	12 mm	12,70 mm	12,9 mm	4,76 mm	0,4 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	12 mm	12,70 mm	12,9 mm	4,76 mm	0,4 mm	5,16 mm	-	10

CNMGXM25

TURNING INSERTS

Negative.





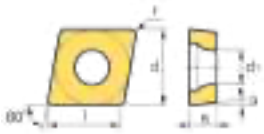
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M25	12 mm	12,70 mm	12,9 mm	4,76 mm	0,8 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	12 mm	12,70 mm	12,9 mm	4,76 mm	0,8 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 mm	6,35 mm	7,7 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
DCMT11T304N	11 mm	9,52 mm	11,6 mm	3,97 mm	0,4 mm	2,2 mm	7°	10

DCMTXA

TURNING INSERTS

Positive.





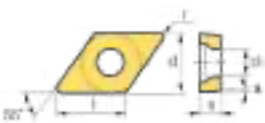
Box | Finishing | P | M | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
DCMT07020420A	7 mm	6,35 mm	7,7 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
DCMT11T30420A	11 mm	9,52 mm	11,6 mm	3,97 mm	0,4 mm	2,2 mm	7°	10

DNMGX

TURNING INSERTS

Negative.





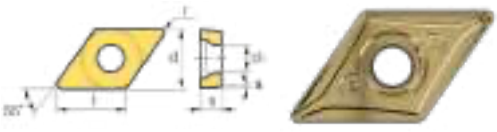
Box | Medium | P | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608N	15 mm	12,70 mm	15,5 mm	6,35 mm	0,8 mm	5,2 mm	-	10

DNMGXM25

TURNING INSERTS

Negative.



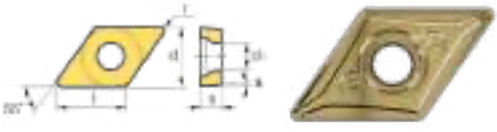
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M25	15 mm	12,70 mm	15,5 mm	6,35 mm	0,8 mm	5,2 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	15 mm	12,70 mm	15,5 mm	6,35 mm	0,8 mm	5,2 mm	-	10

KNUX

TURNING INSERTS

Positive.



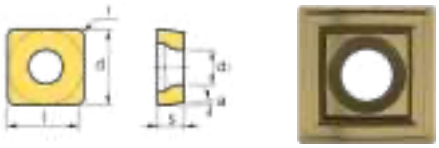
Box | Finishing | P | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	a°	Pack
KNUX160405RN	16 mm	9,52 mm	19,72 mm	4,76 mm	0,5 mm	-	10
KNUX160410RN	16 mm	9,52 mm	19,72 mm	4,76 mm	1 mm	-	10
KNUX160405LN	16 mm	9,52 mm	19,72 mm	4,76 mm	0,5 mm	-	10
KNUX160410LN	16 mm	9,52 mm	19,72 mm	4,76 mm	1 mm	-	10

SCMTX

TURNING INSERTS

Positive.



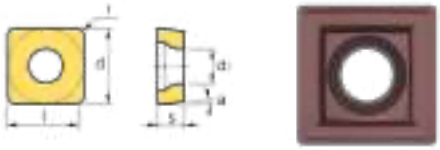
Box | Finishing | P | M | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T304N	9 mm	9,52 mm	9,52 mm	3,97 mm	0,4 mm	4,4 mm	7°	10
SCMT09T308N	9 mm	9,52 mm	9,52 mm	3,97 mm	0,8 mm	4,4 mm	7°	10
SCMT120408N	12 mm	12,70 mm	12,70 mm	4,76 mm	0,8 mm	5,5 mm	7°	10

SCMTXA1

TURNING INSERTS

Positive.



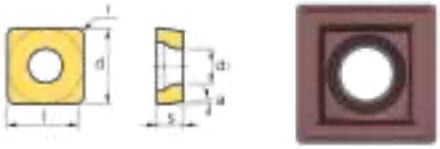
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30420A	9 mm	9,52 mm	9,52 mm	3,97 mm	0,4 mm	4,4 mm	7°	10

SCMTXA2

TURNING INSERTS

Positive.



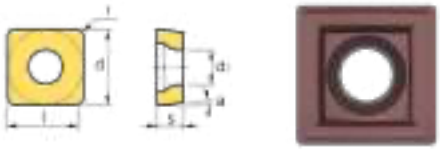
Box | Finishing | Medium | P | M | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30820A	9 mm	9,52 mm	9,52 mm	3,97 mm	0,8 mm	4,4 mm	7°	10

SCMTXA3

TURNING INSERTS

Positive.



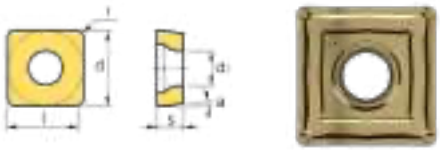
Box | Finishing | Medium | P | M | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT12040820A	12 mm	12,70 mm	12,70 mm	4,76 mm	0,8 mm	5,5 mm	7°	10

SNMGXF15

TURNING INSERTS

Negative.



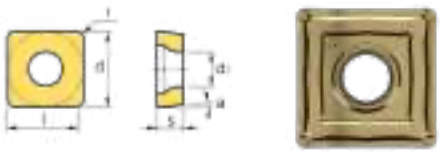
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F15	12 mm	12,70 mm	12.70 mm	4,76 mm	0,4 mm	5,16 mm	-	10

SNMGXF25

TURNING INSERTS

Negative.



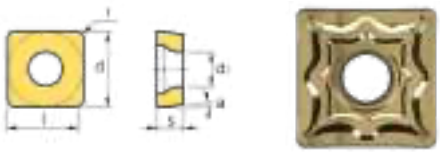
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F25	12 mm	12,70 mm	12.70 mm	4,76 mm	0,4 mm	5,16 mm	-	10

SNMGXM25

TURNING INSERTS

Negative.



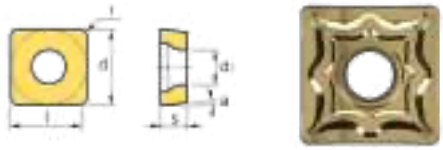
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M25	12 mm	12,70 mm	12.70 mm	4,76 mm	0,8 mm	5,16 mm	-	10

SNMGXM35

TURNING INSERTS

Negative.



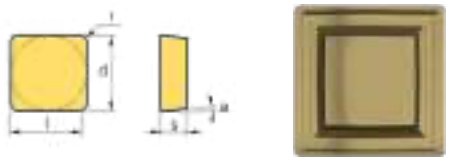
Box · Medium · P · Turning · Emulsion · Dry · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M35	12 mm	12,70 mm	12.70 mm	4,76 mm	0,8 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	12 mm	12,70 mm	12.70 mm	3,18 mm	0,4 mm	11°	10
SPMR120308N	12 mm	12,70 mm	12.70 mm	3,18 mm	0,8 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	9 mm	3,40 mm	9,63 mm	2,38 mm	0,4 mm	2,5 mm	7°	10
TCMT110204N	11 mm	6,35 mm	11 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
TCMT16T304N	16 mm	9,52 mm	16,5 mm	3,97 mm	0,4 mm	4,4 mm	7°	10
TCMT16T308N	16 mm	9,52 mm	16,5 mm	3,97 mm	0,8 mm	4,4 mm	7°	10

TCMTXA

TURNING INSERTS

Positive.



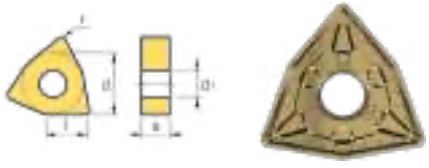
Box · Finishing · P · M · K · Turning · Emulsion · Dry · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
TCMT09020420A	9 mm	3,40 mm	9,63 mm	2,38 mm	0,4 mm	2,5 mm	7°	10
TCMT11020420A	11 mm	6,35 mm	11 mm	2,38 mm	0,4 mm	2,8 mm	7°	10
TCMT16T30420A	16 mm	9,52 mm	16,5 mm	3,97 mm	0,4 mm	4,4 mm	7°	10
TCMT16T30820A	16 mm	9,52 mm	16,5 mm	3,97 mm	0,8 mm	4,4 mm	7°	10

WNMGX

TURNING INSERTS

Negative.



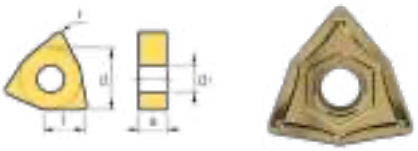
Box · Medium · P · Turning · Emulsion · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408N	8 mm	12,70 mm	8,7 mm	4,76 mm	0,8 mm	5,1 mm	-	10

WNMGXM25

TURNING INSERTS

Negative.



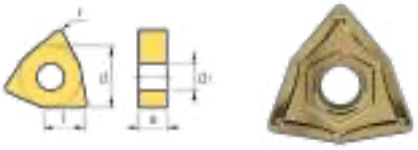
Box | Medium | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M25	8 mm	12,70 mm	8,7 mm	4,76 mm	0,8 mm	5,1 mm	-	10

WNMGXM35

TURNING INSERTS

Negative.



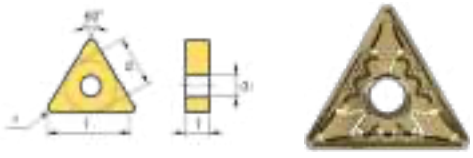
Box | Medium | P | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M35	8 mm	12,70 mm	8,7 mm	4,76 mm	0,8 mm	5,1 mm	-	10

TNMGX

TURNING INSERTS

Negative.



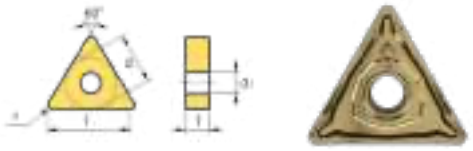
Box | Finishing | P | K | Turning | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404N	16 mm	9,52 mm	16,5 mm	4,76 mm	0,4 mm	3,81 mm	-	10
TNMG160408N	16 mm	9,52 mm	16,5 mm	4,76 mm	0,8 mm	3,81 mm	-	10
TNMG220408N	22 mm	12,70 mm	18,25 mm	4,76 mm	0,8 mm	5,16 mm	-	10

TNMGXF15

TURNING INSERTS

Negative.



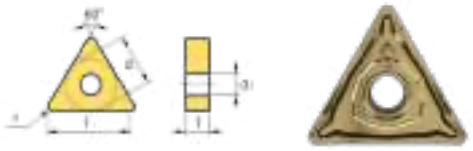
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F15	16 mm	9,52 mm	16,5 mm	4,76 mm	0,4 mm	3,81 mm	-	10

TNMGXF25

TURNING INSERTS

Negative.



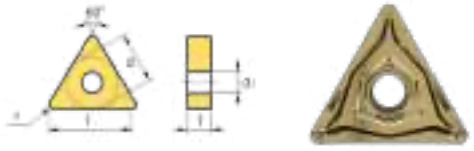
Box | Finishing | P | K | Turning | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F25	16 mm	9,52 mm	16,5 mm	4,76 mm	0,4 mm	3,81 mm	-	10

TNMGXM25

TURNING INSERTS

Negative.



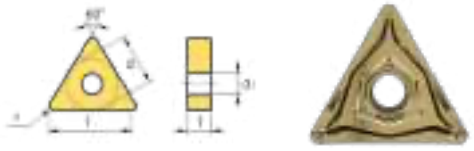
Box · Medium · P · K · Turning · Emulsion · Dry · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M25	16 mm	9,52 mm	16,5 mm	4,76 mm	0,8 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	16 mm	9,52 mm	16,5 mm	4,76 mm	0,8 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	11 mm	5,98 mm	10,37 mm	3,18 mm	0,4 mm	11°	10
TPMR110308N	11 mm	5,98 mm	10,37 mm	3,18 mm	0,8 mm	11°	10
TPMR160304N	16 mm	9,23 mm	16 mm	3,18 mm	0,4 mm	11°	10
TPMR160308N	16 mm	9,23 mm	16 mm	3,18 mm	0,8 mm	11°	10

VBMTX

TURNING INSERTS

Positive.



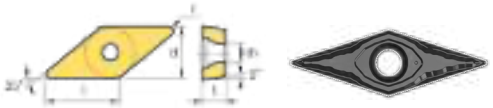
Box · Finishing · P · Turning · Emulsion · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
VBMT160404N	16 mm	9,52 mm	16,6 mm	4,76 mm	0,4 mm	4,4 mm	5°	10

VBMTXA

TURNING INSERTS

Positive.



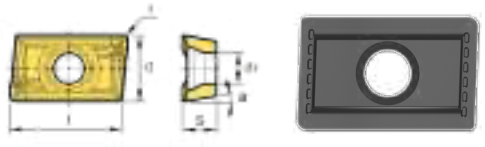
Box · Finishing · Medium · P · M · K · Turning · Emulsion · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
VBMT16040420A	16 mm	9,52 mm	16,6 mm	4,76 mm	0,4 mm	4,4 mm	5°	10

ADLTXA

MILLING INSERTS

90°.



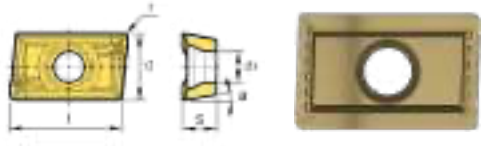
Box | Medium | Roughing | P | M | Milling | Emulsion | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT150308R20A	15 mm	9,52 mm	14,5 mm	3,18 mm	0,8 mm	4,5 mm	15°	10

ADLTX

MILLING INSERTS

90°.



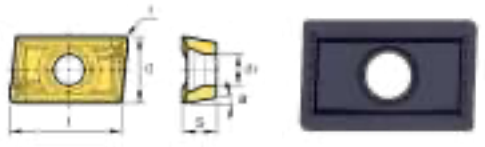
Box | Medium | Roughing | P | Milling | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR234	15 mm	9,52 mm	14,5 mm	3,18 mm	0,8 mm	4,5 mm	15°	10

ADLTXA1

MILLING INSERTS

90°.



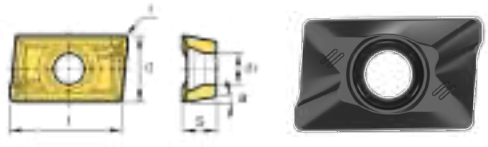
Box | Medium | Roughing | P | M | Milling | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR20A	15 mm	9,52 mm	14,5 mm	3,18 mm	0,8 mm	4,5 mm	15°	10

APKTX

MILLING INSERTS

90°.



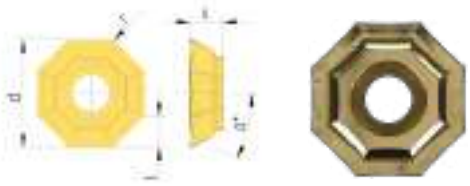
Box | Medium | P | M | Milling | Emulsion | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
APKT1003PDER20A	10 mm	6,70 mm	10 mm	3,18 mm	0,5 mm	3,2 mm	11°	10
APKT1604PDER20A	16 mm	9,50 mm	16,3 mm	4,76 mm	0,9 mm	4,4 mm	11°	10

OFEXX

MILLING INSERTS

45°.



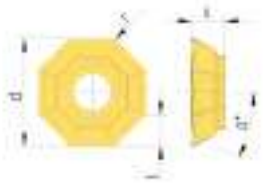
Box | Finishing | Medium | P | Milling | Dry | made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T305234	5 mm	12,80 mm	3,70 mm	3,97 mm	0,5 mm	4,56 mm	25°	10

OFEXXA

MILLING INSERTS

45°.





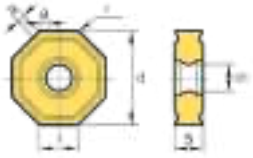
Box · Finishing · Medium · P · M · Milling · Emulsion · Dry · made in Italy

Art.	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T30520A	5 mm	12,80 mm	3,70 mm	3,97 mm	0,5 mm	4,56 mm	25°	10

ONMXXA

MILLING INSERTS

45°.



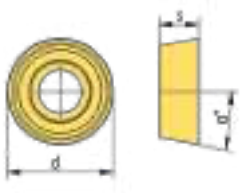


Box · Finishing · Medium · P · M · Milling · Emulsion · Dry · made in Italy

Art.	Dimensions	d	l	S	d1	a°	Pack
ONMX120520A	12 mm	12,70 mm	1,50 mm	5,56 mm	6 mm	-	10

RDHTX

MILLING INSERTS



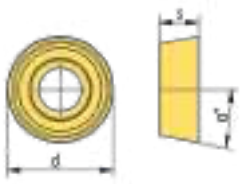


Box · Medium · Roughing · P · K · Milling · Emulsion · made in Italy

Art.	Dimensions	d	S	a°	Pack
RDHT10T3MO-N	10 mm	10 mm	3,97 mm	15°	10

RPMTX

MILLING INSERTS





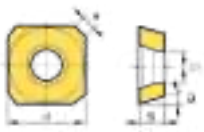
Box · Medium · Roughing · P · K · Milling · Emulsion · made in Italy

Art.	Dimensions	d	S	a°	Pack
RPMT1204N	12 mm	12 mm	4,76 mm	11°	10

SEHTX

MILLING INSERTS

45°.





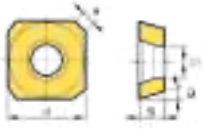
Box · Finishing · Medium · P · Milling · Dry · made in Italy

Art.	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN234	12 mm	12,70 mm	1.80 mm	4,76 mm	5,5 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	12 mm	12,70 mm	1.80 mm	4,76 mm	5,5 mm	20°	10

SEKNX

MILLING INSERTS

45°.



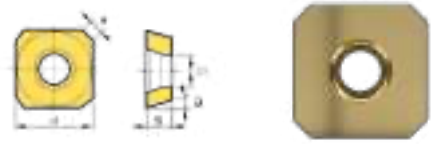
Box · Medium · Roughing · P · K · Milling · Dry · made in Italy

Art.	Dimensions	d	a	S	a°	Pack
SEKN1203AFN25	12 mm	12,70 mm	1.80 mm	3,18 mm	20°	10

SEHXX

MILLING INSERTS

45°.



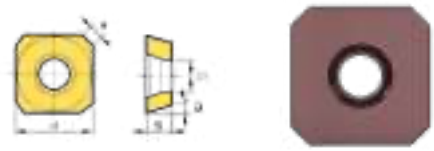
Box · Medium · Roughing · P · Milling · Dry · made in Italy

Art.	Dimensions	d	a	S	d1	a°	Pack
SEHX1204234	12 mm	12,70 mm	1.80 mm	4,76 mm	5,5 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 mm	12,70 mm	1.80 mm	4,76 mm	5,5 mm	20°	10

SNMXX

MILLING INSERTS

45°.

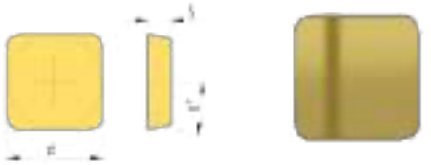


Box · Finishing · Medium · P · M · Milling · Emulsion · Dry · made in Italy

Art.	Dimensions	d	a	S	d1	a°	Pack
SNMX120520A	12 mm	12,70 mm	1.80 mm	5,56 mm	6 mm	-	10

SPKNX

MILLING INSERTS



Box · Medium · Roughing · P · M · Milling · Dry · made in Italy

Art.	Dimensions	l	a	S	a°	Pack
SPKN1203R25	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	16 mm	9,52 mm	16,5 mm	1.47 mm	3,18 mm	11°	10
TPKN2204R25	22 mm	12,70 mm	22 mm	1.47 mm	4,76 mm	11°	10

16IRX

INTERNAL THREAD INSERTS



Box Turning

Art.	Thread	Pack
11IRA55134	Whitworth 28 - 11 TPI	10
11IRA60134	Metric 0,2 - 3 mm	10
16IR100ISO134	P. Metric 1 mm	10
16IR125ISO134	P. Metric 1,25 mm	10
16IR150ISO134	P. Metric 1,5 mm	10
16IR175ISO134	P. Metric 1,75 mm	10
16IR200ISO134	P. Metric 2 mm	10
16IR250ISO134	P. Metric 2,5 mm	10
16IR300ISO134	P. Metric 3 mm	10
16IRAG60134	Metric 0,2 - 3 mm	10
16IR14W134	Whitwort 14 TPI	10
16IR11W134	Whitworth 11 TPI	10
16IRAG55134	Whitworth 28 - 11 TPI	10

16ERX

EXTERNAL THREAD INSERTS



Box Turning

Art.	Thread	Pack
16ER100ISO134	P. Metric 1 mm	10
16ER125ISO134	P. Metric 1,25 mm	10
16ER150ISO134	P. Metric 1,50 mm	10
16ER175ISO134	P. Metric 1,75 mm	10
16ER200ISO134	P. Metric 2 mm	10
16ER250ISO134	P. Metric 2,5 mm	10
16ER300ISO134	P. Metric 3 mm	10
16ERAG60134	Metric 0,2 - 3 mm	10
16ER14W134	Whitworth 14 TPI	10
16ER11W134	Whitworth 11 TPI	10
16ERAG55134	Whitworth 28 - 11 TPI	10

GCMX

CUTTING INSERTS



Box P Turning made in Italy

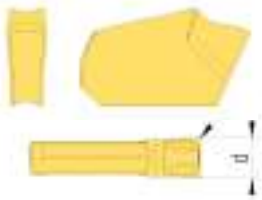


Art.	d	r	Pack
GCMX2N134	2,20 mm	0,2 mm	10
GCMX3N134	3,10 mm	0,2 mm	10
GCMX4N134	4,10 mm	0,2 mm	10
GCMX5N134	5,10 mm	0,3 mm	10

GCMXA

CUTTING INSERTS





Box M Turning made in Italy

Art.	d	r	Pack
GCMX2N20A	2,20 mm	0,2 mm	10
GCMX3N20A	3,10 mm	0,2 mm	10
GCMX4N20A	4,10 mm	0,2 mm	10
GCMX5N20A	5,10 mm	0,3 mm	10

165X

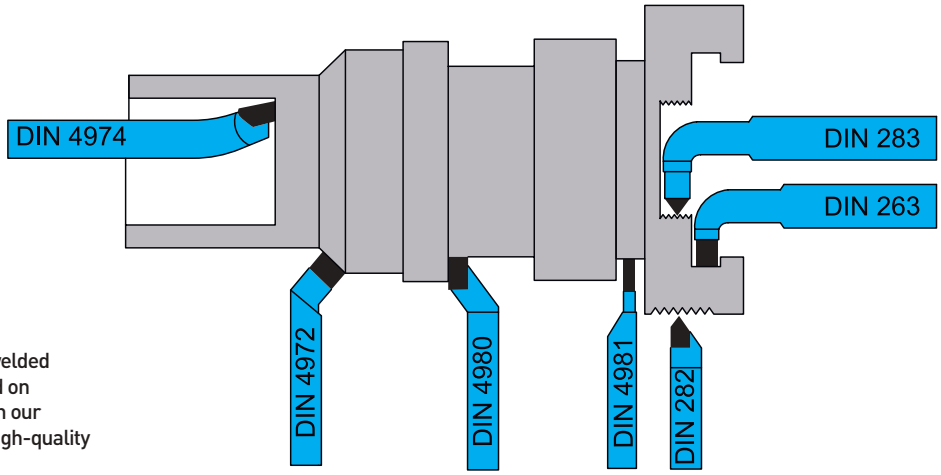
GROOVE INSERTS



Box Turning

Art.	Thickness	Pack
165110134	1,1 mm	10
165130134	1,3 mm	10
165160134	1,6 mm	10
165185134	1,85 mm	10
165215134	2,15 mm	10
165265134	2,65 mm	10
165315134	3,15 mm	10

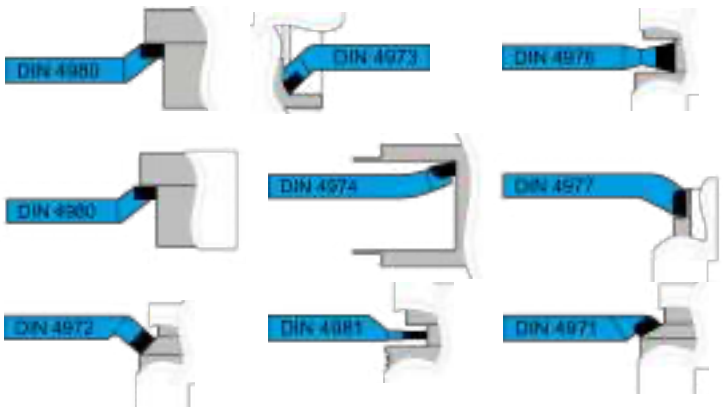
FERVI CARBIDE TIPPED LATHE IDENTIFICATION



Explore our wide selection of brazed with heat-welded inserts and select the most suitable model based on the specific processing you need to perform. With our comprehensive range, we guarantee versatile, high-quality solutions to meet your needs.

BR10-

CARBIDE TIPPED LATHE TOOL SET



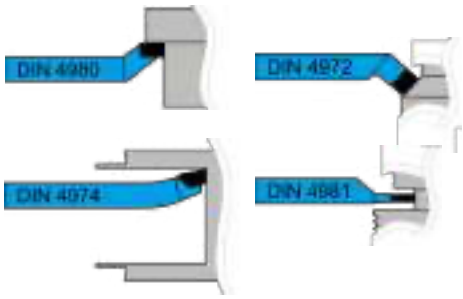


10 Pcs | Box | HM P25 | P | Lathe

Art.	Dimensions
BR10/10	10 x 10 x L150mm (ISO 8 DIN 4973, ISO 9 DIN 4974) 10 x 10 x L90mm (ISO 1 DIN 4971, ISO 2 DIN 4972, ISO 6R DIN 4980, ISO 6L DIN 4980, ISO 7 DIN 4981) 6 x 10 x L90mm (ISO 3R DIN 4978, ISO 4 DIN 4976, ISO 5 DIN 4977)
BR10/12	12 x 12 x L180mm (ISO 8 DIN 4973, ISO 9 DIN 4974) 12 x 12 x L100mm (ISO 1 DIN 4971, ISO 2 DIN 4972, ISO 6R DIN 4980, ISO 6L DIN 4980) 8 x 12 x L100mm (ISO 3R DIN 4978, ISO 4 DIN 4976, ISO 5 DIN 4977, ISO 7 DIN4981)

B005-

CARBIDE TIPPED LATHE TOOL SET





5 Pcs | Blister | HM P25 | P | Lathe

Art.	Kit
B005	1BRAS411108RP - 1BRAS411110RP - 1BRAS410312RP - 1BRAS410412RP - 1BRAS410912RP
B005/16	1BRAS411110RP - 1BRAS411112RP - 1BRAS410316RP - 1BRAS410416RP - 1BRAS410916RP
B005/20	1BRAS411112RP - 1BRAS411116RP - 1BRAS410320RP - 1BRAS410420RP - 1BRAS410920RP

BRFEX

CARBIDE TIPPED TOOL FOR EXTERNAL THREAD

For the execution of all external 60 ° threads.



HM P25 | DIN 282 | P | Lathe

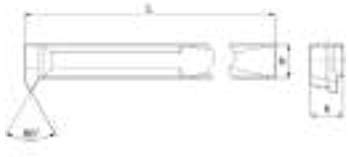


Art.	L	b	h
BRFE12RP	90 mm	12 mm	12 mm
BRFE16RP	100 mm	16 mm	16 mm
BRFE20RP	125 mm	20 mm	20 mm
BRFE25RP	140 mm	25 mm	25 mm

BRFIX

CARBIDE TIPPED TOOL FOR INTERNAL THREAD

For the execution of all internal 60 ° threads.



HM P25 | DIN 283 | P | Lathe



Art.	L	b	h
BRFI10RP	150 mm	10 mm	10 mm
BRFI12RP	180 mm	12 mm	12 mm
BRFI16RP	210 mm	16 mm	16 mm
BRFI20RP	250 mm	20 mm	20 mm
BRFI25RP	300 mm	25 mm	25 mm

BRAS4111X

CARBIDE TIPPED TOOL FOR BLIND HOLES

ISO 9.



HM P25 | DIN 4974 | P | Lathe



Art.	L	b	h
BRAS411108RP	125 mm	8 mm	8 mm
BRAS411110RP	150 mm	10 mm	10 mm
BRAS411112RP	180 mm	12 mm	12 mm
BRAS411116RP	210 mm	16 mm	16 mm
BRAS411120RP	250 mm	20 mm	20 mm
BRAS411125RP	300 mm	25 mm	25 mm
BRAS411132RP	355 mm	32 mm	32 mm

BRCIX

CARBIDE TIPPED TOOL FOR INTERNAL SLOTS



HM P25 | DIN 263 | P | Lathe

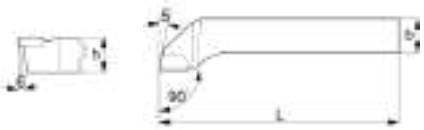


Art.	L	b	h	b1	N
BRCI10RP	150 mm	10 mm	10 mm	3 mm	8 mm
BRCI12RP	180 mm	12 mm	12 mm	4 mm	10 mm
BRCI16RP	210 mm	16 mm	16 mm	5 mm	12 mm
BRCI20RP	210 mm	20 mm	20 mm	6 mm	16 mm
BRCI25RP	300 mm	25 mm	25 mm	8 mm	20 mm

BRAS4104X

CARBIDE TIPPED TOOL FOR FACING

ISO 6.



HM P25 | DIN 4980 | P | Lathe



Art.	Side	L	b	h
BRAS410410LP	Sx/L	90 mm	10 mm	10 mm
BRAS410410RP	Dx/R	90 mm	10 mm	10 mm
BRAS410412LP	Sx/L	100 mm	12 mm	12 mm
BRAS410412RP	Dx/R	100 mm	12 mm	12 mm
BRAS410416LP	Sx/L	110 mm	16 mm	16 mm
BRAS410416RP	Dx/R	110 mm	16 mm	16 mm
BRAS410420LP	Sx/L	125 mm	20 mm	20 mm
BRAS410420RP	Dx/R	125 mm	20 mm	20 mm
BRAS410425RP	Dx/R	140 mm	25 mm	25 mm

BRAS4103X

CARBIDE TIPPED TOOL FOR OUTSIDE ROUGHING

ISO 2.



HM P25 | DIN 4972 | P | Lathe

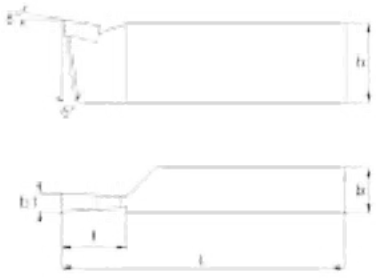


Art.	Side	L	b	h
BRAS410310RP	Dx/R	90 mm	10 mm	10 mm
BRAS410312LP	Sx/L	100 mm	12 mm	12 mm
BRAS410312RP	Dx/R	100 mm	12 mm	12 mm
BRAS410316LP	Sx/L	110 mm	16 mm	16 mm
BRAS410316RP	Dx/R	110 mm	16 mm	16 mm
BRAS410320LP	Sx/L	125 mm	20 mm	20 mm
BRAS410320RP	Dx/R	125 mm	20 mm	20 mm
BRAS410325RP	140 mm	140 mm	25 mm	25 mm

BRAS4109X

CARBIDE TIPPED TOOL FOR CUTTING OFF

ISO 7.



HM P25 | DIN 4981 | P | Lathe



Art.	L	l	b	h	b1
BRAS410912RP	100 mm	12 mm	8 mm	12 mm	3 mm
BRAS410916RP	110 mm	14 mm	10 mm	16 mm	3,5 mm
BRAS410920RP	125 mm	16 mm	12 mm	20 mm	5 mm
BRAS410925RP	140 mm	20 mm	16 mm	25 mm	6 mm

B012-

HARDENED AND GROUNDED TOOL BITS





HSS CO 8% | Lathe

Art.	ø	Length	Tolerance
B012/04	4 mm	200 mm	h9
B012/05	5 mm	200 mm	h9
B012/06	6 mm	200 mm	h9
B012/08	8 mm	200 mm	h9
B012/10	10 mm	200 mm	h9
B012/12	12 mm	200 mm	h9
B012/13	13 mm	135 mm	h9
B012/16	16 mm	200 mm	h9
B012/20	20 mm	200 mm	h9

B013-

HARDENED AND GROUNDED TOOL BITS





HSS CO 8% | Lathe

Art.	Sides dimension	Length	Tolerance
B013/04X04	4 x 4 mm	200 mm	h13
B013/05X05	5 x 5 mm	200 mm	h13
B013/06X06	6 x 6 mm	200 mm	h13
B013/08X08	8 x 8 mm	200 mm	h13
B013/10X10	10 x 10 mm	200 mm	h13
B013/12X12	12 x 12 mm	200 mm	h13
B013/14X14	14 x 14 mm	200 mm	h13
B013/16X16	16 x 16 mm	200 mm	h13
B013/20X20	20 x 20 mm	200 mm	h13

B014-

HARDENED AND GROUNDED TOOL BITS





HSS CO 8% | Lathe

Art.	Sides dimension	Length	Tolerance
B014/20X04	20 x 04 mm	200 mm	h13
B014/20X05	20 x 05 mm	200 mm	h13
B014/20X06	20 x 06 mm	200 mm	h13
B014/20X08	20 x 08 mm	200 mm	h13
B014/20X10	20 x 10 mm	200 mm	h13
B014/20X12	20 x 12 mm	200 mm	h13
B014/25X06	25 x 06 mm	200 mm	h13



TYPES OF MATERIAL USED IN THE CONSTRUCTION OF HELICAL TIPS

	Type	Description	Duration	Processable metals
HSS	 ST1Ax	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
	 P023-			
	 ST2Ax			
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

Right hand, black finish



Box · HSS · 338/N · 118° · HV=700÷740 · ~8xD · R≤650N/mm² · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Emulsion · Lathe · Mill · Drill

Art.	ø	L	l	Pack
ST1A01	1 mm	34 mm	12 mm	10
ST1A01.25	1,25 mm	38 mm	16 mm	10
ST1A01.50	1,5 mm	40 mm	18 mm	10
ST1A01.75	1,75 mm	46 mm	22 mm	10
ST1A02	2 mm	49 mm	24 mm	10
ST1A02.25	2,25 mm	53 mm	27 mm	10
ST1A02.50	2,5 mm	57 mm	30 mm	10
ST1A02.75	2,75 mm	61 mm	33 mm	10
ST1A03	3 mm	61 mm	33 mm	10
ST1A03.25	3,25 mm	65 mm	36 mm	10
ST1A03.50	3,5 mm	70 mm	39 mm	10
ST1A03.75	3,75 mm	70 mm	39 mm	10
ST1A04	4 mm	75 mm	43 mm	10
ST1A04.25	4,25 mm	75 mm	43 mm	10
ST1A04.50	4,5 mm	80 mm	47 mm	10
ST1A04.75	4,75 mm	80 mm	47 mm	10
ST1A05	5 mm	86 mm	52 mm	10
ST1A05.25	5,25 mm	86 mm	52 mm	10
ST1A05.50	5,5 mm	93 mm	57 mm	10
ST1A05.75	5,75 mm	93 mm	57 mm	10
ST1A06	6 mm	93 mm	57 mm	10
ST1A06.25	6,25 mm	101 mm	63 mm	10
ST1A06.50	6,5 mm	101 mm	63 mm	10
ST1A06.75	6,75 mm	109 mm	69 mm	10
ST1A07	7 mm	109 mm	69 mm	10
ST1A07.25	7,25 mm	109 mm	69 mm	10
ST1A07.50	7,5 mm	109 mm	69 mm	10
ST1A07.75	7,75 mm	117 mm	75 mm	10
ST1A08	8 mm	117 mm	75 mm	10
ST1A08.25	8,25 mm	117 mm	75 mm	5
ST1A08.50	8,5 mm	117 mm	75 mm	5
ST1A08.75	8,75 mm	125 mm	81 mm	5
ST1A09	9 mm	125 mm	81 mm	5
ST1A09.25	9,25 mm	125 mm	81 mm	5
ST1A09.50	9,5 mm	125 mm	81 mm	5
ST1A09.75	9,75 mm	133 mm	87 mm	5
ST1A10	10 mm	133 mm	87 mm	5
ST1A10.25	10,25 mm	133 mm	87 mm	5
ST1A10.50	10,5 mm	133 mm	87 mm	5
ST1A10.75	10,75 mm	142 mm	94 mm	5
ST1A11	11 mm	142 mm	94 mm	5
ST1A11.25	11,25 mm	142 mm	94 mm	5
ST1A11.50	11,5 mm	142 mm	94 mm	5
ST1A11.75	11,75 mm	142 mm	94 mm	5
ST1A12	12 mm	151 mm	101 mm	5
ST1A12.25	12,25 mm	151 mm	101 mm	5
ST1A12.50	12,5 mm	151 mm	101 mm	5
ST1A12.75	12,75 mm	151 mm	101 mm	5
ST1A13	13 mm	151 mm	101 mm	5

P046

TWIST DRILL SET

Right hand, black finish.



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P045

TWIST DRILL SET

Right hand, black finish.



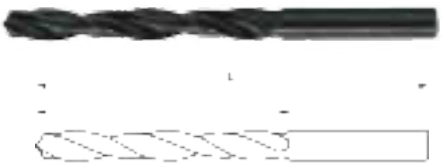
19 Pcs

Size (step 0,5 mm)	1÷10 mm

ST1AXC

STRAIGHT SHANK TWIST DRILL

Rolled, right hand, short length, black finish.



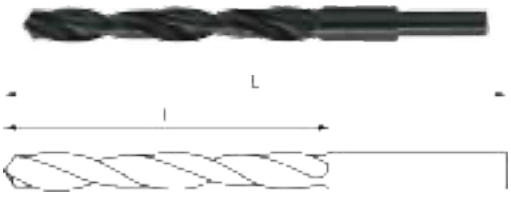
Box · HSS · 1897/N · 118° · HV=700÷740 · ~5xD · R≤650N/mm² · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Emulsion

Art.	ø	L	l	Pack
ST1A02.00C	2 mm	38 mm	12 mm	10
ST1A02.50C	2,5 mm	43 mm	14 mm	10
ST1A03.00C	3 mm	46 mm	16 mm	10
ST1A03.25C	3,25 mm	49 mm	18 mm	10
ST1A03.50C	3,5 mm	52 mm	20 mm	10
ST1A03.75C	3,75 mm	52 mm	20 mm	10
ST1A04.00C	4 mm	55 mm	22 mm	10
ST1A04.25C	4,25 mm	55 mm	22 mm	10
ST1A04.50C	4,5 mm	58 mm	24 mm	10
ST1A05.00C	5 mm	62 mm	26 mm	10
ST1A05.50C	5,5 mm	66 mm	28 mm	10
ST1A06.00C	6 mm	66 mm	28 mm	10

ST1AXR10

STRAIGHT SHANK TWIST DRILL

10 mm reduced shank rolled twist drill, right hand, black finish.





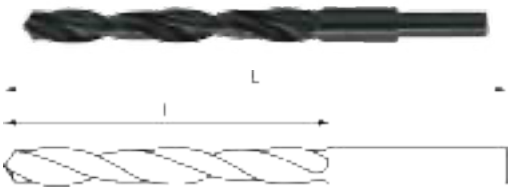
Box | 338/N | 118° | HV=700÷740 | ~8xD | R≤650N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

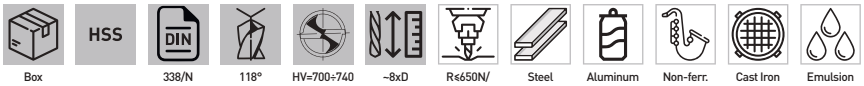
Art.	ø	L	l	Pack
ST1A10.25R10	10,25 mm	133 mm	87 mm	5
ST1A10.50R10	10,5 mm	133 mm	87 mm	5
ST1A10.75R10	10,75 mm	142 mm	94 mm	5
ST1A11.00R10	11 mm	142 mm	94 mm	5
ST1A11.25R10	11,25 mm	142 mm	94 mm	5
ST1A11.50R10	11,5 mm	142 mm	94 mm	5
ST1A11.75R10	11,75 mm	142 mm	94 mm	5
ST1A12.00R10	12 mm	151 mm	101 mm	5
ST1A12.25R10	12,25 mm	151 mm	101 mm	5
ST1A12.50R10	12,5 mm	151 mm	101 mm	5
ST1A12.75R10	12,75 mm	151 mm	101 mm	5
ST1A13.00R10	13 mm	151 mm	101 mm	5
ST1A13.25R10	13,25 mm	160 mm	108 mm	5
ST1A13.50R10	13,5 mm	160 mm	108 mm	5
ST1A13.75R10	13,75 mm	160 mm	108 mm	5
ST1A14.00R10	14 mm	160 mm	108 mm	5
ST1A14.25R10	14,25 mm	169 mm	114 mm	5
ST1A14.50R10	14,5 mm	169 mm	114 mm	5
ST1A14.75R10	14,75 mm	169 mm	114 mm	5
ST1A15.00R10	15 mm	169 mm	114 mm	5
ST1A15.25R10	15,25 mm	178 mm	120 mm	5
ST1A15.50R10	15,5 mm	178 mm	120 mm	5
ST1A15.75R10	15,75 mm	178 mm	120 mm	5
ST1A16.00R10	16 mm	178 mm	120 mm	5

ST1AXR13

STRAIGHT SHANK TWIST DRILL

13 mm reduced shank rolled twist drill, right hand, black finish.





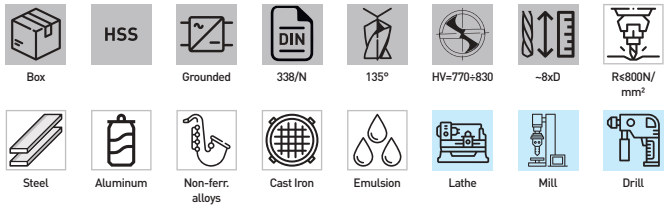
Box | 338/N | 118° | HV=700÷740 | ~8xD | R≤650N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion

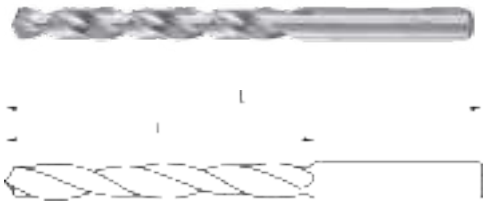
Art.	ø	L	l	Pack
ST1A13.25R13	13,25 mm	160 mm	108 mm	5
ST1A13.50R13	13,5 mm	160 mm	108 mm	5
ST1A13.75R13	13,75 mm	160 mm	108 mm	5
ST1A14.00R13	14 mm	160 mm	108 mm	5
ST1A14.25R13	14,25 mm	169 mm	114 mm	5
ST1A14.50R13	14,5 mm	169 mm	114 mm	5
ST1A14.75R13	14,75 mm	169 mm	114 mm	5
ST1A15.00R13	15 mm	169 mm	114 mm	5
ST1A15.25R13	15,25 mm	178 mm	120 mm	5
ST1A15.50R13	15,5 mm	178 mm	120 mm	5
ST1A15.75R13	15,75 mm	178 mm	120 mm	5
ST1A16.00R13	16 mm	178 mm	120 mm	5

P023-

STRAIGHT SHANK TWIST DRILL

Right hand, rectified





Art.	ø	L	l	Pack
P023/00.30	0,3 mm	19 mm	3 mm	10
P023/00.35	0,35 mm	19 mm	4 mm	10
P023/00.40	0,4 mm	20 mm	5 mm	10
P023/00.45	0,45 mm	20 mm	5 mm	10
P023/00.50	0,5 mm	22 mm	6 mm	10
P023/00.55	0,55 mm	24 mm	7 mm	10
P023/00.60	0,6 mm	24 mm	7 mm	10
P023/00.65	0,65 mm	26 mm	8 mm	10
P023/00.70	0,7 mm	28 mm	9 mm	10
P023/00.75	0,75 mm	28 mm	9 mm	10
P023/00.80	0,8 mm	30 mm	10 mm	10
P023/00.85	0,85 mm	30 mm	10 mm	10
P023/00.90	0,9 mm	32 mm	11 mm	10
P023/00.95	0,95 mm	32 mm	11 mm	10
P023/01.00	1 mm	34 mm	12 mm	10
P023/01.10	1,1 mm	36 mm	14 mm	10
P023/01.20	1,2 mm	38 mm	16 mm	10
P023/01.25	1,25 mm	38 mm	16 mm	10
P023/01.30	1,3 mm	38 mm	16 mm	10
P023/01.40	1,4 mm	40 mm	18 mm	10
P023/01.50	1,5 mm	40 mm	18 mm	10
P023/01.60	1,6 mm	43 mm	20 mm	10
P023/01.70	1,7 mm	43 mm	20 mm	10
P023/01.75	1,75 mm	46 mm	22 mm	10
P023/01.80	1,8 mm	46 mm	22 mm	10
P023/01.90	1,9 mm	46 mm	22 mm	10
P023/02.00	2 mm	49 mm	24 mm	10
P023/02.10	2,1 mm	49 mm	24 mm	10
P023/02.20	2,2 mm	53 mm	27 mm	10
P023/02.25	2,25 mm	53 mm	27 mm	10
P023/02.30	2,3 mm	53 mm	27 mm	10
P023/02.40	2,4 mm	57 mm	30 mm	10
P023/02.50	2,5 mm	57 mm	30 mm	10
P023/02.60	2,6 mm	57 mm	30 mm	10
P023/02.70	2,7 mm	61 mm	33 mm	10
P023/02.75	2,75 mm	61 mm	33 mm	10
P023/02.80	2,8 mm	61 mm	33 mm	10
P023/02.90	2,9 mm	61 mm	33 mm	10
P023/03.00	3 mm	61 mm	33 mm	10
P023/03.10	3,1 mm	65 mm	36 mm	10
P023/03.20	3,2 mm	65 mm	36 mm	10
P023/03.25	3,25 mm	65 mm	36 mm	10
P023/03.30	3,3 mm	65 mm	36 mm	10
P023/03.40	3,4 mm	70 mm	39 mm	10
P023/03.50	3,5 mm	70 mm	39 mm	10
P023/03.60	3,6 mm	70 mm	39 mm	10
P023/03.70	3,7 mm	70 mm	39 mm	10
P023/03.75	3,75 mm	70 mm	39 mm	10
P023/03.80	3,8 mm	75 mm	43 mm	10
P023/03.90	3,9 mm	75 mm	43 mm	10
P023/04.00	4 mm	75 mm	43 mm	10
P023/04.10	4,1 mm	75 mm	43 mm	10
P023/04.20	4,2 mm	75 mm	43 mm	10
P023/04.25	4,25 mm	75 mm	43 mm	10
P023/04.30	4,3 mm	80 mm	47 mm	10
P023/04.40	4,4 mm	80 mm	47 mm	10
P023/04.50	4,5 mm	80 mm	47 mm	10
P023/04.60	4,6 mm	80 mm	47 mm	10
P023/04.70	4,7 mm	80 mm	47 mm	10
P023/04.75	4,75 mm	80 mm	47 mm	10
P023/04.80	4,8 mm	86 mm	52 mm	10
P023/04.90	4,9 mm	86 mm	52 mm	10
P023/05.00	5 mm	86 mm	52 mm	10
P023/05.10	5,1 mm	86 mm	52 mm	10
P023/05.20	5,2 mm	86 mm	52 mm	10
P023/05.25	5,25 mm	86 mm	52 mm	10
P023/05.30	5,3 mm	86 mm	52 mm	10
P023/05.40	5,4 mm	93 mm	57 mm	10
P023/05.50	5,5 mm	93 mm	57 mm	10
P023/05.60	5,6 mm	93 mm	57 mm	10
P023/05.70	5,7 mm	93 mm	57 mm	10
P023/05.75	5,75 mm	93 mm	57 mm	10
P023/05.80	5,8 mm	93 mm	57 mm	10
P023/05.90	5,9 mm	93 mm	57 mm	10
P023/06.00	6 mm	93 mm	57 mm	10
P023/06.10	6,1 mm	101 mm	63 mm	10
P023/06.20	6,2 mm	101 mm	63 mm	10
P023/06.25	6,25 mm	101 mm	63 mm	10
P023/06.30	6,3 mm	101 mm	63 mm	10
P023/06.40	6,4 mm	101 mm	63 mm	10
P023/06.50	6,5 mm	101 mm	63 mm	10
P023/06.60	6,6 mm	101 mm	63 mm	10
P023/06.70	6,7 mm	101 mm	63 mm	10
P023/06.75	6,75 mm	109 mm	69 mm	10
P023/06.80	6,8 mm	109 mm	69 mm	10
P023/06.90	6,9 mm	109 mm	69 mm	10
P023/07.00	7 mm	109 mm	69 mm	10
P023/07.10	7,1 mm	109 mm	69 mm	10
P023/07.20	7,2 mm	109 mm	69 mm	10
P023/07.25	7,25 mm	109 mm	69 mm	10
P023/07.30	7,3 mm	109 mm	69 mm	10
P023/07.40	7,4 mm	109 mm	69 mm	10
P023/07.50	7,5 mm	109 mm	69 mm	10
P023/07.60	7,6 mm	117 mm	75 mm	10
P023/07.70	7,7 mm	117 mm	75 mm	10
P023/07.75	7,75 mm	117 mm	75 mm	10
P023/07.80	7,8 mm	117 mm	75 mm	10
P023/07.90	7,9 mm	117 mm	75 mm	10
P023/08.00	8 mm	117 mm	75 mm	5
P023/08.10	8,1 mm	117 mm	75 mm	5
P023/08.20	8,2 mm	117 mm	75 mm	5
P023/08.25	8,25 mm	117 mm	75 mm	5
P023/08.30	8,3 mm	117 mm	75 mm	5
P023/08.40	8,4 mm	117 mm	75 mm	5
P023/08.50	8,5 mm	117 mm	75 mm	5
P023/08.60	8,6 mm	125 mm	81 mm	5
P023/08.70	8,7 mm	125 mm	81 mm	5
P023/08.75	8,75 mm	125 mm	81 mm	5
P023/08.80	8,8 mm	125 mm	81 mm	5
P023/08.90	8,9 mm	125 mm	81 mm	5
P023/09.00	9 mm	125 mm	81 mm	5
P023/09.10	9,1 mm	125 mm	81 mm	5
P023/09.20	9,2 mm	125 mm	81 mm	5
P023/09.25	9,25 mm	125 mm	81 mm	5
P023/09.30	9,3 mm	125 mm	81 mm	5
P023/09.40	9,4 mm	125 mm	81 mm	5
P023/09.50	9,5 mm	125 mm	81 mm	5
P023/09.60	9,6 mm	133 mm	87 mm	5
P023/09.70	9,7 mm	133 mm	87 mm	5
P023/09.75	9,75 mm	133 mm	87 mm	5
P023/09.80	9,8 mm	133 mm	87 mm	5
P023/09.90	9,9 mm	133 mm	87 mm	5
P023/10.00	10 mm	133 mm	87 mm	5
P023/10.25	10,25 mm	133 mm	87 mm	5
P023/10.30	10,3 mm	133 mm	87 mm	5
P023/10.40	10,4 mm	133 mm	87 mm	5
P023/10.50	10,5 mm	133 mm	87 mm	5
P023/10.75	10,75 mm	142 mm	94 mm	5
P023/11.00	11 mm	142 mm	94 mm	5
P023/11.25	11,25 mm	142 mm	94 mm	5
P023/11.40	11,4 mm	142 mm	94 mm	5
P023/11.50	11,5 mm	142 mm	94 mm	5
P023/11.75	11,75 mm	142 mm	94 mm	5
P023/12.00	12 mm	151 mm	101 mm	5
P023/12.25	12,25 mm	151 mm	101 mm	5
P023/12.30	12,3 mm	151 mm	101 mm	5
P023/12.40	12,4 mm	151 mm	101 mm	5
P023/12.50	12,5 mm	151 mm	101 mm	5
P023/12.75	12,75 mm	151 mm	101 mm	5
P023/13.00	13 mm	151 mm	101 mm	5
P023/14.30	14,3 mm	165 mm	115 mm	5
P023/14.40	14,4 mm	165 mm	115 mm	5
P023/16.40	16,4 mm	170 mm	115 mm	5

P023/19

STRAIGHT SHANK TWIST DRILL SET

Right hand, rectified.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P023/25

STRAIGHT SHANK TWIST DRILL SET

Right hand, rectified.



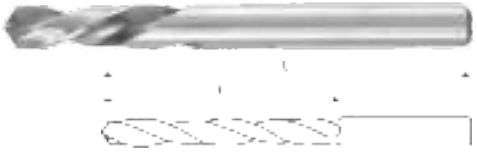
25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P023-XC

DRILL BIT CYLINDRICAL SHORT SERIES

Right hand, rectified.



Box | HSS | Grounded | 1897/N | 135° | HV=770÷830 | ~5xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron

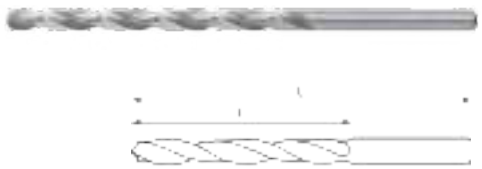
Art.	ø	L	l	Pack
P023/03.00C	3 mm	46 mm	16 mm	10
P023/03.25C	3,25 mm	49 mm	18 mm	10
P023/03.50C	3,5 mm	52 mm	20 mm	10
P023/03.75C	3,75 mm	52 mm	20 mm	10
P023/04.00C	4 mm	55 mm	22 mm	10

Art.	ø	L	l	Pack
P023/04.25C	4,25 mm	55 mm	22 mm	10
P023/04.50C	4,5 mm	58 mm	24 mm	10
P023/05.00C	5 mm	62 mm	26 mm	10
P023/05.50C	5,5 mm	66 mm	28 mm	10
P023/06.00C	6 mm	66 mm	28 mm	10

P023-XL

LONG TYPE STRAIGHT SHANK TWIST DRILL

Right hand, rectified.



Box | HSS | Grounded | 340 | 135° | HV=770÷830 | ~15xD | R≤800N/mm²

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Drill

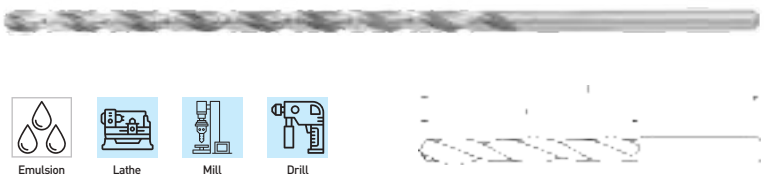
Art.	ø	L	l	Pack
P023/01.00L	1 mm	56 mm	33 mm	10
P023/01.25L	1,25 mm	65 mm	40 mm	10
P023/01.50L	1,5 mm	70 mm	45 mm	10
P023/01.75L	1,75 mm	80 mm	53 mm	10
P023/02.00L	2 mm	85 mm	56 mm	10
P023/02.25L	2,25 mm	90 mm	59 mm	10
P023/02.50L	2,5 mm	95 mm	62 mm	10
P023/02.75L	2,75 mm	100 mm	66 mm	10
P023/03.00L	3 mm	100 mm	66 mm	10
P023/03.25L	3,25 mm	106 mm	69 mm	10
P023/03.50L	3,5 mm	112 mm	73 mm	10
P023/03.75L	3,75 mm	112 mm	73 mm	10
P023/04.00L	4,00 mm	119 mm	78 mm	10
P023/04.25L	4,25 mm	119 mm	78 mm	10
P023/04.50L	4,5 mm	126 mm	82 mm	10
P023/04.75L	4,75 mm	126 mm	82 mm	10
P023/05.00L	5 mm	132 mm	87 mm	10
P023/05.25L	5,25 mm	132 mm	87 mm	10
P023/05.50L	5,5 mm	139 mm	91 mm	10
P023/05.75L	5,75 mm	139 mm	91 mm	10
P023/06.00L	6 mm	139 mm	91 mm	10
P023/06.25L	6,25 mm	148 mm	97 mm	10

Art.	ø	L	l	Pack
P023/06.50L	6,5 mm	148 mm	97 mm	10
P023/06.75L	6,75 mm	148 mm	97 mm	10
P023/07.00L	7 mm	156 mm	102 mm	10
P023/07.25L	7,25 mm	156 mm	102 mm	10
P023/07.50L	7,5 mm	156 mm	102 mm	10
P023/07.75L	7,75 mm	165 mm	109 mm	10
P023/08.00L	8 mm	165 mm	109 mm	5
P023/08.25L	8,25 mm	165 mm	109 mm	5
P023/08.50L	8,5 mm	165 mm	109 mm	5
P023/08.75L	8,75 mm	175 mm	115 mm	5
P023/09.00L	9 mm	175 mm	115 mm	5
P023/09.25L	9,25 mm	175 mm	115 mm	5
P023/09.50L	9,5 mm	175 mm	115 mm	5
P023/09.75L	9,75 mm	184 mm	121 mm	5
P023/10.00L	10 mm	184 mm	121 mm	5
P023/10.25L	10,25 mm	184 mm	121 mm	5
P023/10.50L	10,5 mm	184 mm	121 mm	5
P023/11.00L	11 mm	195 mm	128 mm	5
P023/11.50L	11,5 mm	195 mm	128 mm	5
P023/12.00L	12 mm	205 mm	134 mm	5
P023/12.50L	12,5 mm	205 mm	134 mm	5
P023/13.00L	13 mm	205 mm	134 mm	5

P023-XL1

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

Right hand, rectified.



Box | HSS | Grounded | 1869-1 | 135°

HV=770÷830 | ~20xD | R≤800N/mm² | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Lathe | Mill | Drill

Art.	ø	L	l
P023/02.00L1	2 mm	125 mm	85 mm
P023/02.50L1	2,5 mm	140 mm	95 mm
P023/03.00L1	3 mm	150 mm	100 mm
P023/03.50L1	3,5 mm	165 mm	115 mm
P023/04.00L1	4,00 mm	175 mm	120 mm
P023/04.50L1	4,5 mm	185 mm	125 mm
P023/05.00L1	5 mm	195 mm	135 mm
P023/05.50L1	5,5 mm	205 mm	140 mm
P023/06.00L1	6 mm	205 mm	140 mm
P023/06.50L1	6,5 mm	215 mm	150 mm
P023/07.00L1	7 mm	225 mm	155 mm
P023/07.50L1	7,5 mm	225 mm	155 mm

Art.	ø	L	l
P023/08.00L1	8 mm	240 mm	165 mm
P023/08.50L1	8,5 mm	240 mm	165 mm
P023/09.00L1	9 mm	250 mm	175 mm
P023/09.50L1	9,5 mm	250 mm	175 mm
P023/10.00L1	10 mm	265 mm	185 mm
P023/10.50L1	10,5 mm	265 mm	185 mm
P023/11.00L1	11 mm	280 mm	195 mm
P023/11.50L1	11,5 mm	280 mm	195 mm
P023/12.00L1	12 mm	295 mm	205 mm
P023/12.50L1	12,5 mm	295 mm	205 mm
P023/13.00L1	13 mm	295 mm	205 mm

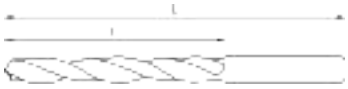
P023-XL2

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

Right hand, rectified.







Art.	ø	L	l
P023/02.00L2	2 mm	160 mm	110 mm
P023/02.50L2	2,5 mm	180 mm	120 mm
P023/03.00L2	3 mm	190 mm	130 mm
P023/03.50L2	3,5 mm	210 mm	145 mm
P023/04.00L2	4,00 mm	220 mm	150 mm
P023/04.50L2	4,5 mm	235 mm	160 mm
P023/05.00L2	5 mm	245 mm	170 mm
P023/05.50L2	5,5 mm	260 mm	180 mm
P023/06.00L2	6 mm	260 mm	180 mm
P023/06.50L2	6,5 mm	275 mm	190 mm
P023/07.00L2	7 mm	290 mm	200 mm
P023/07.50L2	7,5 mm	290 mm	200 mm
P023/08.00L2	8 mm	305 mm	210 mm
P023/08.50L2	8,5 mm	305 mm	210 mm
P023/09.00L2	9 mm	320 mm	220 mm
P023/09.50L2	9,5 mm	320 mm	220 mm
P023/10.00L2	10 mm	340 mm	235 mm
P023/10.50L2	10,5 mm	340 mm	235 mm
P023/11.00L2	11 mm	365 mm	250 mm
P023/11.50L2	11,5 mm	365 mm	250 mm
P023/12.00L2	12 mm	375 mm	260 mm
P023/12.50L2	12,5 mm	375 mm	260 mm
P023/13.00L2	13 mm	375 mm	260 mm

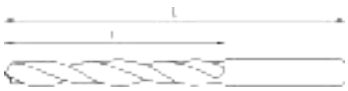
P023-XL3

EXTRA LONG SERIES CYLINDRICAL DRILL BIT

Right hand, rectified.





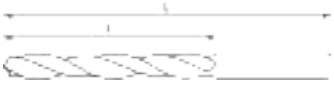


Art.	ø	L	l
P023/02.00L3	2 mm	200 mm	135 mm
P023/02.50L3	2,5 mm	225 mm	150 mm
P023/03.00L3	3 mm	240 mm	160 mm
P023/03.50L3	3,5 mm	265 mm	180 mm
P023/04.00L3	4,00 mm	280 mm	190 mm
P023/04.50L3	4,5 mm	295 mm	200 mm
P023/05.00L3	5 mm	315 mm	210 mm
P023/05.50L3	5,5 mm	330 mm	225 mm
P023/06.00L3	6 mm	330 mm	225 mm
P023/06.50L3	6,5 mm	350 mm	235 mm
P023/07.00L3	7 mm	370 mm	250 mm
P023/07.50L3	7,5 mm	370 mm	250 mm
P023/08.00L3	8 mm	390 mm	265 mm
P023/08.50L3	8,5 mm	390 mm	265 mm
P023/09.00L3	9 mm	410 mm	280 mm
P023/09.50L3	9,5 mm	410 mm	280 mm
P023/10.00L3	10 mm	430 mm	295 mm
P023/10.50L3	10,5 mm	430 mm	295 mm
P023/11.00L3	11 mm	455 mm	310 mm
P023/11.50L3	11,5 mm	455 mm	310 mm
P023/12.00L3	12 mm	480 mm	330 mm
P023/12.50L3	12,5 mm	480 mm	330 mm
P023/13.00L3	13 mm	480 mm	330 mm

P058-

STRAIGHT SHANK TWIST DRILL

Right hand, long durability thanks to the titanium coating.





Box | HSS | Grounded | TiN

338/N | 135° | HV=740÷780 | ~8xD

R≤700N/mm² | Steel | Aluminum | Non-ferr. alloys

Cast Iron | Emulsion | Lathe | Mill

Art.	ø	L	l	Pack
P058/01.00	1 mm	34 mm	12 mm	10
P058/01.25	1,25 mm	38 mm	16 mm	10
P058/01.50	1,5 mm	40 mm	18 mm	10
P058/01.75	1,75 mm	46 mm	22 mm	10
P058/02.00	2 mm	49 mm	24 mm	10
P058/02.25	2,25 mm	53 mm	27 mm	10
P058/02.50	2,5 mm	57 mm	30 mm	10
P058/02.75	2,75 mm	61 mm	33 mm	10
P058/03.00	3 mm	61 mm	33 mm	10
P058/03.25	3,25 mm	65 mm	36 mm	10
P058/03.50	3,5 mm	70 mm	39 mm	10
P058/03.75	3,75 mm	70 mm	39 mm	10
P058/04.00	4 mm	75 mm	43 mm	10
P058/04.25	4,25 mm	75 mm	43 mm	10
P058/04.50	4,5 mm	80 mm	47 mm	10
P058/04.75	4,75 mm	80 mm	47 mm	10
P058/05.00	5 mm	86 mm	52 mm	10
P058/05.25	5,25 mm	86 mm	52 mm	10
P058/05.50	5,5 mm	93 mm	57 mm	10
P058/05.75	5,75 mm	93 mm	57 mm	10
P058/06.00	6 mm	93 mm	57 mm	10
P058/06.25	6,25 mm	101 mm	63 mm	10
P058/06.50	6,5 mm	101 mm	63 mm	10
P058/06.75	6,75 mm	109 mm	69 mm	10
P058/07.00	7 mm	109 mm	69 mm	10
P058/07.25	7,25 mm	109 mm	69 mm	10
P058/07.50	7,5 mm	109 mm	69 mm	10
P058/07.75	7,75 mm	117 mm	75 mm	10
P058/08.00	8 mm	117 mm	75 mm	10
P058/08.25	8,25 mm	117 mm	75 mm	10
P058/08.50	8,5 mm	117 mm	75 mm	10
P058/08.75	8,75 mm	125 mm	81 mm	5
P058/09.00	9 mm	125 mm	81 mm	5
P058/09.25	9,25 mm	125 mm	81 mm	5
P058/09.50	9,5 mm	125 mm	81 mm	5
P058/09.75	9,75 mm	133 mm	87 mm	5
P058/10.00	10 mm	133 mm	87 mm	5
P058/10.25	10,25 mm	133 mm	87 mm	5
P058/10.50	10,5 mm	133 mm	87 mm	5
P058/10.75	10,75 mm	142 mm	94 mm	5
P058/11.00	11 mm	142 mm	94 mm	5
P058/11.25	11,25 mm	142 mm	94 mm	5
P058/11.50	11,5 mm	142 mm	94 mm	5
P058/11.75	11,75 mm	142 mm	94 mm	5
P058/12.00	12 mm	151 mm	101 mm	5
P058/12.25	12,25 mm	151 mm	101 mm	5
P058/12.50	12,5 mm	151 mm	101 mm	5
P058/12.75	12,75 mm	151 mm	101 mm	5
P058/13.00	13 mm	151 mm	101 mm	5

P058/170

TWIST DRILL SET

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

SERIES OF CYLINDRICAL TIPS TO THE TENTH

Rright hand, long durability thanks to the titanium coating.



51 Pcs

Size (step 0,1 mm)	1 ÷ 6 mm

P010/41

SERIES OF CYLINDRICAL TIPS TO THE TENTH

Right hand, long durability thanks to the titanium coating.



41 Pcs

Size (step 0,1 mm)	6 ÷ 10 mm

P062

TWIST DRILL SET

Right hand, long durability thanks to the titanium coating.



25 Pcs

Size (step 0,5 mm)	1 ÷ 13 mm

P061

STRAIGHT SHANK TWIST DRILL SET

Right hand, long durability thanks to the titanium coating.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P068

TWIST DRILL SET

Right hand, long durability thanks to the titanium coating.



20 Pcs

Sizes x 1 Pc	0,25 - 0,3 - 0,35 - 0,4 - 0,45 - 0,55 - 0,65 - 0,7 - 0,75 - 0,85 - 0,9 - 0,95 mm
Sizes x Pcs	0,5 - 0,6 - 0,8 - 1 mm

P065-

COBALT CYLINDRICAL TWIST DRILL

Self-centering, right, with great thermal resistance.



Box | HSS CO 5% | Grounded | DIN 338/N

135° | HV=800÷900 | ~8xD | R≤1250N/mm²

Steel | Stainless steel | Non-ferr. alloys | Cast Iron

Emulsion | Lathe | Mill | Drill

Art.	ø	Total length	Flute length	Pack
P065/01.00	1 mm	34 mm	12 mm	10
P065/01.25	1,25 mm	38 mm	16 mm	10
P065/01.50	1,5 mm	40 mm	18 mm	10
P065/01.75	1,75 mm	46 mm	22 mm	10
P065/02.00	2 mm	49 mm	24 mm	10
P065/02.25	2,25 mm	53 mm	27 mm	10
P065/02.50	2,5 mm	57 mm	30 mm	10
P065/02.75	2,75 mm	61 mm	33 mm	10
P065/03.00	3 mm	61 mm	33 mm	10
P065/03.25	3,25 mm	69 mm	39 mm	10
P065/03.50	3,5 mm	70 mm	39 mm	10
P065/03.75	3,75 mm	70 mm	39 mm	10
P065/04.00	4 mm	75 mm	43 mm	10
P065/04.25	4,25 mm	75 mm	43 mm	10
P065/04.50	4,5 mm	80 mm	47 mm	10
P065/04.75	4,75 mm	80 mm	47 mm	10
P065/05.00	5 mm	86 mm	52 mm	10
P065/05.25	5,25 mm	86 mm	52 mm	10
P065/05.50	5,5 mm	93 mm	57 mm	10
P065/05.75	5,75 mm	93 mm	57 mm	10
P065/06.00	6 mm	93 mm	57 mm	10
P065/06.25	6,25 mm	101 mm	63 mm	10
P065/06.50	6,5 mm	101 mm	63 mm	10
P065/06.75	6,75 mm	109 mm	69 mm	10
P065/07.00	7 mm	109 mm	69 mm	10
P065/07.25	7,25 mm	109 mm	69 mm	10
P065/07.50	7,5 mm	109 mm	69 mm	10
P065/07.75	7,75 mm	117 mm	75 mm	10
P065/08.00	8 mm	117 mm	75 mm	10
P065/08.25	8,25 mm	117 mm	75 mm	5
P065/08.50	8,5 mm	117 mm	75 mm	5
P065/08.75	8,75 mm	125 mm	81 mm	5
P065/09.00	9 mm	125 mm	81 mm	5
P065/09.25	9,25 mm	125 mm	81 mm	5
P065/09.50	9,5 mm	125 mm	81 mm	5
P065/09.75	9,75 mm	133 mm	87 mm	5
P065/10.00	10 mm	133 mm	87 mm	5
P065/10.25	10,25 mm	133 mm	87 mm	5
P065/10.50	10,5 mm	133 mm	87 mm	5
P065/10.75	10,75 mm	142 mm	94 mm	5
P065/11.00	11 mm	142 mm	94 mm	5
P065/11.25	11,25 mm	142 mm	94 mm	5
P065/11.50	11,5 mm	142 mm	94 mm	5
P065/11.75	11,75 mm	142 mm	94 mm	5
P065/12.00	12 mm	151 mm	101 mm	5
P065/12.25	12,25 mm	151 mm	101 mm	5
P065/12.50	12,5 mm	151 mm	101 mm	5
P065/12.75	12,75 mm	151 mm	101 mm	5
P065/13.00	13 mm	151 mm	101 mm	5

P067

COBALT TWIST DRILL SET

Self-centering, right, with great thermal resistance.



19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P069

COBALT TWIST DRILL SET

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

Self-centering, right, with great thermal resistance.




Box




Grounded



338/N


135°


HV=850÷900


~8xD


R≤1400N/mm²


Steel


Stainless steel


Non-ferr. alloys


Stoneware


Emulsion


Lathe


Mill


Drill

Art.	ø	L	l	Pack
P064/01.00	1 mm	34 mm	12 mm	10
P064/01.25	1,25 mm	38 mm	16 mm	10
P064/01.50	1,5 mm	40 mm	18 mm	10
P064/01.75	1,75 mm	46 mm	22 mm	10
P064/02.00	2 mm	49 mm	24 mm	10
P064/02.25	2,25 mm	53 mm	27 mm	10
P064/02.50	2,5 mm	57 mm	30 mm	10
P064/02.75	2,75 mm	61 mm	33 mm	10
P064/03.00	3 mm	61 mm	33 mm	10
P064/03.25	3,25 mm	69 mm	39 mm	10
P064/03.50	3,5 mm	70 mm	39 mm	10
P064/03.75	3,75 mm	70 mm	39 mm	10
P064/04.00	4 mm	75 mm	43 mm	10
P064/04.25	4,25 mm	75 mm	43 mm	10
P064/04.50	4,5 mm	80 mm	47 mm	10
P064/04.75	4,75 mm	80 mm	47 mm	10
P064/05.00	5 mm	86 mm	52 mm	10
P064/05.25	5,25 mm	86 mm	52 mm	10
P064/05.50	5,5 mm	93 mm	57 mm	10
P064/05.75	5,75 mm	93 mm	57 mm	10
P064/06.00	6 mm	93 mm	57 mm	10
P064/06.25	6,25 mm	101 mm	63 mm	10
P064/06.50	6,5 mm	101 mm	63 mm	10
P064/06.75	6,75 mm	109 mm	69 mm	10
P064/07.00	7 mm	109 mm	69 mm	10
P064/07.25	7,25 mm	109 mm	69 mm	10
P064/07.50	7,5 mm	109 mm	69 mm	10
P064/07.75	7,75 mm	117 mm	75 mm	10
P064/08.00	8 mm	117 mm	75 mm	5
P064/08.25	8,25 mm	117 mm	75 mm	5
P064/08.50	8,5 mm	117 mm	75 mm	5
P064/08.75	8,75 mm	125 mm	81 mm	5
P064/09.00	9 mm	125 mm	81 mm	5
P064/09.25	9,25 mm	125 mm	81 mm	5
P064/09.50	9,5 mm	125 mm	81 mm	5
P064/09.75	9,75 mm	133 mm	87 mm	5
P064/10.00	10 mm	133 mm	87 mm	5
P064/10.25	10,25 mm	133 mm	87 mm	5
P064/10.50	10,5 mm	133 mm	87 mm	5
P064/10.75	10,75 mm	142 mm	94 mm	5
P064/11.00	11 mm	142 mm	94 mm	5
P064/11.25	11,25 mm	142 mm	94 mm	5
P064/11.50	11,5 mm	142 mm	94 mm	5
P064/11.75	11,75 mm	142 mm	94 mm	5
P064/12.00	12 mm	151 mm	101 mm	5
P064/12.25	12,25 mm	151 mm	101 mm	5
P064/12.50	12,5 mm	151 mm	101 mm	5
P064/12.75	12,75 mm	151 mm	101 mm	5
P064/13.00	13 mm	151 mm	101 mm	5

P064/19A

COBALT TWIST DRILL SET

Self-centering, right, with great thermal resistance.




19 Pcs

Size (step 0,5 mm)	1 ÷ 10 mm

P064/25A

COBALT TWIST DRILL SET

Self-centering, right, with great thermal resistance.




25 Pcs

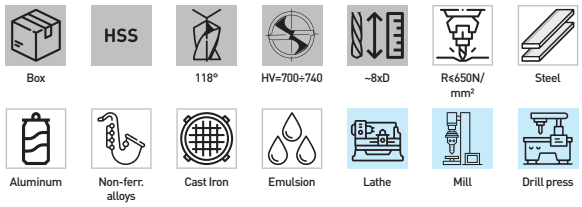
Size (step 0,5 mm)	1 ÷ 13 mm



ST2AX

TWIST DRILL WITH CONICAL SHANK

Right hand.





Art.	ø	MT	L	l
ST2A05.75	5,75 mm	1	138 mm	57 mm
ST2A06	6 mm	1	138 mm	57 mm
ST2A06.25	6,25 mm	1	144 mm	63 mm
ST2A06.50	6,5 mm	1	144 mm	63 mm
ST2A06.75	6,75 mm	1	150 mm	69 mm
ST2A07	7 mm	1	150 mm	69 mm
ST2A07.25	7,25 mm	1	150 mm	69 mm
ST2A07.50	7,5 mm	1	150 mm	69 mm
ST2A07.75	7,75 mm	1	156 mm	75 mm
ST2A08	8 mm	1	156 mm	75 mm
ST2A08.25	8,25 mm	1	156 mm	75 mm
ST2A08.50	8,5 mm	1	156 mm	75 mm
ST2A08.75	8,75 mm	1	156 mm	75 mm
ST2A09	9 mm	1	162 mm	81 mm
ST2A09.25	9,25 mm	1	162 mm	81 mm
ST2A09.50	9,5 mm	1	162 mm	81 mm
ST2A09.75	9,75 mm	1	162 mm	81 mm
ST2A10	10 mm	1	168 mm	81 mm
ST2A10.25	10,25 mm	1	168 mm	87 mm
ST2A10.50	10,5 mm	1	168 mm	87 mm
ST2A10.75	10,75 mm	1	175 mm	87 mm
ST2A11	11 mm	1	175 mm	94 mm
ST2A11.25	11,25 mm	1	175 mm	94 mm
ST2A11.50	11,5 mm	1	175 mm	94 mm
ST2A11.75	11,75 mm	1	175 mm	94 mm
ST2A12	12 mm	1	182 mm	94 mm
ST2A12.25	12,25 mm	1	182 mm	101 mm
ST2A12.50	12,5 mm	1	182 mm	101 mm
ST2A12.75	12,75 mm	1	182 mm	101 mm
ST2A13	13 mm	1	182 mm	101 mm
ST2A13.25	13,25 mm	1	182 mm	101 mm
ST2A13.50	13,5 mm	1	189 mm	108 mm
ST2A13.75	13,75 mm	1	189 mm	108 mm
ST2A14	14 mm	1	189 mm	108 mm
ST2A14.25	14,25 mm	2	212 mm	114 mm
ST2A14.50	14,5 mm	2	212 mm	114 mm
ST2A14.75	14,75 mm	2	212 mm	114 mm
ST2A15	15 mm	2	212 mm	114 mm
ST2A15.25	15,25 mm	2	218 mm	120 mm
ST2A15.50	15,5 mm	2	218 mm	120 mm
ST2A15.75	15,75 mm	2	218 mm	120 mm
ST2A16	16 mm	2	218 mm	120 mm
ST2A16.25	16,25 mm	2	223 mm	125 mm
ST2A16.50	16,5 mm	2	223 mm	125 mm
ST2A16.75	16,75 mm	2	223 mm	125 mm
ST2A17	17 mm	2	223 mm	125 mm
ST2A17.25	17,25 mm	2	228 mm	130 mm
ST2A17.50	17,5 mm	2	228 mm	130 mm
ST2A17.75	17,75 mm	2	228 mm	130 mm
ST2A18	18 mm	2	228 mm	130 mm
ST2A18.25	18,25 mm	2	233 mm	135 mm
ST2A18.50	18,5 mm	2	233 mm	135 mm
ST2A18.75	18,75 mm	2	233 mm	135 mm
ST2A19	19 mm	2	233 mm	135 mm
ST2A19.25	19,25 mm	2	238 mm	140 mm
ST2A19.50	19,5 mm	2	238 mm	130 mm
ST2A19.75	19,75 mm	2	238 mm	140 mm
ST2A20	20 mm	2	238 mm	140 mm
ST2A20.25	20,25 mm	2	243 mm	145 mm
ST2A20.50	20,5 mm	2	243 mm	145 mm
ST2A20.75	20,75 mm	2	243 mm	145 mm
ST2A21	21 mm	2	243 mm	145 mm
ST2A21.25	21,25 mm	2	248 mm	150 mm
ST2A21.50	21,5 mm	2	248 mm	150 mm
ST2A21.75	21,75 mm	2	248 mm	150 mm
ST2A22	22 mm	2	248 mm	150 mm
ST2A22.25	22,25 mm	2	248 mm	150 mm

Art.	ø	MT	L	l
ST2A22.50	22,5 mm	2	253 mm	155 mm
ST2A22.75	22,75 mm	2	253 mm	155 mm
ST2A23	23 mm	2	253 mm	155 mm
ST2A23.25	23,25 mm	3	276 mm	155 mm
ST2A23.50	23,5 mm	3	276 mm	155 mm
ST2A23.75	23,75 mm	3	281 mm	160 mm
ST2A24	24 mm	3	281 mm	160 mm
ST2A24.25	24,25 mm	3	281 mm	160 mm
ST2A24.50	24,5 mm	3	281 mm	160 mm
ST2A24.75	24,75 mm	3	281 mm	160 mm
ST2A25	25 mm	3	281 mm	160 mm
ST2A25.25	25,25 mm	3	281 mm	160 mm
ST2A25.50	25,5 mm	3	281 mm	160 mm
ST2A25.75	25,75 mm	3	281 mm	160 mm
ST2A26	26 mm	3	286 mm	165 mm
ST2A26.25	26,25 mm	3	286 mm	165 mm
ST2A26.50	26,5 mm	3	286 mm	165 mm
ST2A26.75	26,75 mm	3	291 mm	170 mm
ST2A27	27 mm	3	291 mm	170 mm
ST2A27.25	27,25 mm	3	291 mm	170 mm
ST2A27.50	27,5 mm	3	291 mm	170 mm
ST2A27.75	27,75 mm	3	291 mm	170 mm
ST2A28	28 mm	3	291 mm	170 mm
ST2A28.25	28,25 mm	3	296 mm	175 mm
ST2A28.50	28,5 mm	3	296 mm	175 mm
ST2A28.75	28,75 mm	3	296 mm	175 mm
ST2A29	29 mm	3	296 mm	175 mm
ST2A29.25	29,25 mm	3	296 mm	175 mm
ST2A29.50	29,5 mm	3	296 mm	175 mm
ST2A29.75	29,75 mm	3	296 mm	175 mm
ST2A30	30 mm	3	296 mm	175 mm
ST2A30.25	30,25 mm	3	301 mm	180 mm
ST2A30.50	30,5 mm	3	301 mm	180 mm
ST2A30.75	30,75 mm	3	301 mm	180 mm
ST2A31	31 mm	3	301 mm	180 mm
ST2A31.25	31,25 mm	3	301 mm	180 mm
ST2A31.50	31,5 mm	3	301 mm	180 mm
ST2A31.75	31,75 mm	4	306 mm	185 mm
ST2A32	32 mm	4	334 mm	185 mm
ST2A32.50	32,5 mm	4	334 mm	185 mm
ST2A33	33 mm	4	334 mm	185 mm
ST2A33.50	33,5 mm	4	334 mm	185 mm
ST2A34	34 mm	4	339 mm	190 mm
ST2A34.50	34,5 mm	4	339 mm	190 mm
ST2A35	35 mm	4	339 mm	190 mm
ST2A35.50	35,5 mm	4	339 mm	190 mm
ST2A36	36 mm	4	344 mm	195 mm
ST2A36.50	36,5 mm	4	344 mm	195 mm
ST2A37	37 mm	4	344 mm	195 mm
ST2A37.50	37,5 mm	4	344 mm	195 mm
ST2A38	38 mm	4	349 mm	200 mm
ST2A38.50	38,5 mm	4	349 mm	200 mm
ST2A39	39 mm	4	349 mm	200 mm
ST2A39.50	39,5 mm	4	349 mm	200 mm
ST2A40	40 mm	4	349 mm	200 mm
ST2A40.50	40,5 mm	4	354 mm	205 mm
ST2A41	41 mm	4	354 mm	205 mm
ST2A41.50	41,5 mm	4	354 mm	205 mm
ST2A42	42 mm	4	354 mm	205 mm
ST2A42.50	42,5 mm	4	354 mm	205 mm
ST2A43	43 mm	4	359 mm	210 mm
ST2A43.50	43,5 mm	4	359 mm	210 mm
ST2A44	44 mm	4	359 mm	210 mm
ST2A44.50	44,5 mm	4	359 mm	210 mm
ST2A45	45 mm	4	359 mm	210 mm
ST2A45.50	45,5 mm	4	364 mm	215 mm
ST2A46	46 mm	4	364 mm	215 mm

Art.	ø	MT	L	l
ST2A46.50	46,5 mm	4	364 mm	215 mm
ST2A47	47 mm	4	364 mm	215 mm
ST2A47.50	47,5 mm	4	364 mm	215 mm
ST2A48	48 mm	4	369 mm	220 mm
ST2A48.50	48,5 mm	4	369 mm	220 mm
ST2A49	49 mm	4	369 mm	220 mm
ST2A49.50	49,5 mm	4	369 mm	220 mm
ST2A50	50 mm	4	369 mm	220 mm
ST2A50.50	50,5 mm	4	374 mm	225 mm
ST2A51	51 mm	5	412 mm	225 mm
ST2A51.50	51,5 mm	5	412 mm	225 mm
ST2A52	52 mm	5	412 mm	225 mm
ST2A53	53 mm	5	412 mm	225 mm
ST2A54	54 mm	5	417 mm	230 mm
ST2A55	55 mm	5	417 mm	230 mm
ST2A56	56 mm	5	417 mm	230 mm
ST2A57	57 mm	5	422 mm	235 mm
ST2A58	58 mm	5	422 mm	235 mm
ST2A59	59 mm	5	422 mm	235 mm
ST2A60	60 mm	5	422 mm	235 mm
ST2A61	61 mm	5	427 mm	240 mm
ST2A62	62 mm	5	427 mm	240 mm
ST2A63	63 mm	5	427 mm	240 mm
ST2A65	65 mm	5	432 mm	245 mm
ST2A66	66 mm	5	432 mm	245 mm
ST2A67	67 mm	5	432 mm	245 mm
ST2A68	68 mm	5	437 mm	250 mm
ST2A69	69 mm	5	437 mm	250 mm
ST2A70	70 mm	5	437 mm	250 mm
ST2A71	71 mm	5	437 mm	250 mm
ST2A72	72 mm	5	442 mm	255 mm
ST2A73	73 mm	5	442 mm	255 mm
ST2A74	74 mm	5	442 mm	255 mm
ST2A75	75 mm	5	442 mm	255 mm
ST2A77	77 mm	6	514 mm	260 mm
ST2A78	78 mm	6	514 mm	260 mm
ST2A79	79 mm	6	514 mm	260 mm

P057

SET OF TWIST DRILLS WITH CONICAL SHANK

Right hand.



10 Pcs

Sizes	CM1: 14 mm
MT	14 mm
Sizes	CM2: 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm

P081-

NC SPOTTING DRILL



Box · HSS CO 5% · TiAlN · 90° · External · Steel · Stainless steel

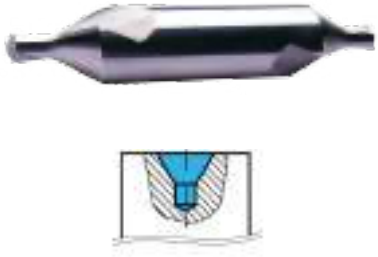
Aluminum · Non-ferr. alloys · Cast Iron · Emulsion · Lathe · Mill · Drill

Art.	Diameter	l	L
P081/03	3 mm	17 mm	46 mm
P081/04	4 mm	20 mm	55 mm
P081/05	5 mm	25 mm	60 mm
P081/06	6 mm	27 mm	66 mm
P081/08	8 mm	30 mm	79 mm
P081/10	10 mm	35 mm	89 mm
P081/12	12 mm	30 mm	102 mm
P081/16	16 mm	35 mm	115 mm
P081/20	20 mm	40 mm	131 mm

P056-

CENTER DRILL

Ground, with vaporized grooves. Taper angle 60°.



Box · HSS · DIN 333 · 118° · Steel · Aluminum

Non-ferr. alloys · Cast Iron · Emulsion · Lathe · Mill · Magnetic Drill · Drill press

Art.	ø	Stem	Length
P056/1	1 mm	Ø 3 mm	30,5 mm
P056/1.6	1,6 mm	Ø 4 mm	35,5 mm
P056/2	2 mm	Ø 5 mm	40 mm
P056/2.5	2,5 mm	Ø 6,3 mm	45 mm
P056/3.15	3,15 mm	Ø 8 mm	50 mm
P056/4	4 mm	Ø 10 mm	56 mm
P056/5	5 mm	Ø 12,5 mm	63 mm

P056/10S

CENTER DRILL SET

Ground, with vaporized grooves. Taper angle 60°.



10 Pcs · Box · HSS · DIN 333 · 118°

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



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

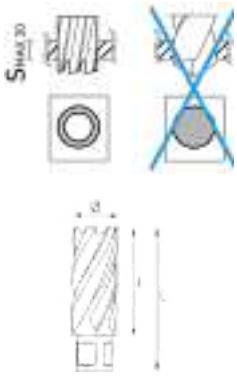
Materials to be processed	Saw Type	Saw diameter							Coolant
		12 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 49	50 - 60	
		no. of revolutions (rpm)							
Low alloy construction steel R< 700÷900N/mm2	HSS	700	530	420	340	290	240	170	Emulsion
	HSS-Co5%	875	663	525	425	363	300	213	Emulsion
Alloy steel R< 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	30 mm	12 mm	62 mm
F011/13	30 mm	13 mm	62 mm
F011/14	30 mm	14 mm	62 mm
F011/15	30 mm	15 mm	62 mm
F011/16	30 mm	16 mm	62 mm
F011/17	30 mm	17 mm	62 mm
F011/18	30 mm	18 mm	62 mm
F011/19	30 mm	19 mm	62 mm
F011/20	30 mm	20 mm	62 mm
F011/21	30 mm	21 mm	62 mm
F011/22	30 mm	22 mm	62 mm
F011/23	30 mm	23 mm	62 mm
F011/24	30 mm	24 mm	62 mm
F011/25	30 mm	25 mm	62 mm
F011/26	30 mm	26 mm	62 mm
F011/27	30 mm	27 mm	62 mm
F011/28	30 mm	28 mm	62 mm
F011/29	30 mm	29 mm	62 mm
F011/30	30 mm	30 mm	62 mm
F011/31	30 mm	31 mm	62 mm
F011/32	30 mm	32 mm	62 mm
F011/33	30 mm	33 mm	62 mm
F011/34	30 mm	34 mm	62 mm
F011/35	30 mm	35 mm	62 mm
F011/36	30 mm	36 mm	62 mm
F011/37	30 mm	37 mm	62 mm
F011/38	30 mm	38 mm	62 mm
F011/39	30 mm	39 mm	62 mm
F011/40	30 mm	40 mm	62 mm
F011/41	30 mm	41 mm	62 mm
F011/42	30 mm	42 mm	62 mm
F011/43	30 mm	43 mm	62 mm
F011/44	30 mm	44 mm	62 mm
F011/45	30 mm	45 mm	62 mm
F011/46	30 mm	46 mm	62 mm
F011/47	30 mm	47 mm	62 mm
F011/48	30 mm	48 mm	62 mm
F011/49	30 mm	49 mm	62 mm
F011/50	30 mm	50 mm	62 mm
F011/51	30 mm	51 mm	62 mm
F011/52	30 mm	52 mm	62 mm
F011/53	30 mm	53 mm	62 mm
F011/54	30 mm	54 mm	62 mm
F011/55	30 mm	55 mm	62 mm
F011/60	30 mm	60 mm	62 mm

F011/6

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.

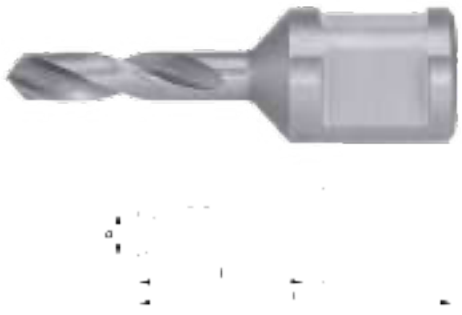


7 Pcs | Box | HSS | R≤850N/mm²

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

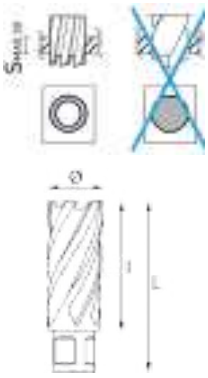
Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	ø	l	L
F011/006P	6 mm	30 mm	62 mm
F011/007P	7 mm	30 mm	62 mm
F011/008P	8 mm	30 mm	62 mm
F011/009P	9 mm	30 mm	62 mm
F011/010P	10 mm	30 mm	62 mm
F011/011P	11 mm	30 mm	62 mm

F002-

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
F002/12	12 mm	30 mm	62 mm
F002/13	13 mm	30 mm	62 mm
F002/14	14 mm	30 mm	62 mm
F002/15	15 mm	30 mm	62 mm
F002/16	16 mm	30 mm	62 mm
F002/17	17 mm	30 mm	62 mm
F002/18	18 mm	30 mm	62 mm
F002/19	19 mm	30 mm	62 mm
F002/20	20 mm	30 mm	62 mm
F002/21	21 mm	30 mm	62 mm
F002/22	22 mm	30 mm	62 mm
F002/23	23 mm	30 mm	62 mm
F002/24	24 mm	30 mm	62 mm
F002/25	25 mm	30 mm	62 mm
F002/26	26 mm	30 mm	62 mm
F002/27	27 mm	30 mm	62 mm
F002/28	28 mm	30 mm	62 mm
F002/29	29 mm	30 mm	62 mm
F002/30	30 mm	30 mm	62 mm
F002/31	31 mm	30 mm	62 mm
F002/32	32 mm	30 mm	62 mm
F002/33	33 mm	30 mm	62 mm
F002/34	34 mm	30 mm	62 mm
F002/35	35 mm	30 mm	62 mm
F002/36	36 mm	30 mm	62 mm
F002/37	37 mm	30 mm	62 mm
F002/38	38 mm	30 mm	62 mm
F002/39	39 mm	30 mm	62 mm
F002/40	40 mm	30 mm	62 mm
F002/41	41 mm	30 mm	62 mm
F002/42	42 mm	30 mm	62 mm
F002/43	43 mm	30 mm	62 mm
F002/44	44 mm	30 mm	62 mm
F002/45	45 mm	30 mm	62 mm
F002/46	46 mm	30 mm	62 mm
F002/47	47 mm	30 mm	62 mm
F002/48	48 mm	30 mm	62 mm
F002/49	49 mm	30 mm	62 mm
F002/50	50 mm	30 mm	62 mm
F002/55	55 mm	30 mm	62 mm
F002/60	60 mm	30 mm	62 mm

F002/6

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.

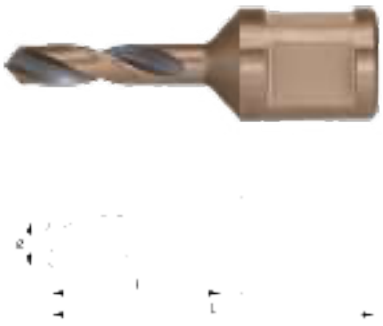


7 Pcs | Box | HSS CO 5% | R≤1200N/mm²

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

TWIST DRILLS WELDON SHANK



Hangable | HSS CO 5% | 135° | R≤1200N/mm² | Steel | Stainless steel

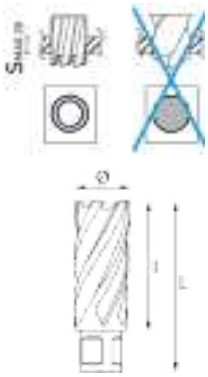
Aluminum | Non-ferr. alloys | Cast Iron | Emulsion | Mill | Magnetic Drill | Drill press

Art.	ø	l	L
F002/006P	6 mm	30 mm	62,5 mm
F002/007P	7 mm	30 mm	62,5 mm
F002/008P	8 mm	30 mm	62,5 mm
F002/009P	9 mm	30 mm	62,5 mm
F002/010P	10 mm	30 mm	62,5 mm
F002/011P	11 mm	30 mm	62,5 mm

F002-XL

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.





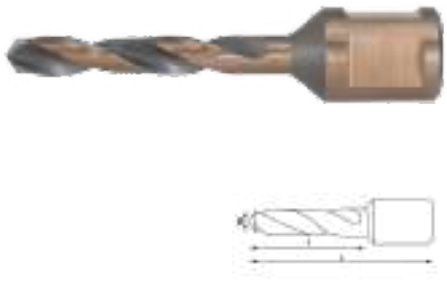
Hangable | HSS CO 5% | R≤1200N/mm² | Steel | Stainless steel

Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press

Art.	ø	Cutting capacity	Total length
F002/12L	12 mm	50 mm	85 mm
F002/13L	13 mm	50 mm	85 mm
F002/14L	14 mm	50 mm	85 mm
F002/15L	15 mm	50 mm	85 mm
F002/16L	16 mm	50 mm	85 mm
F002/17L	17 mm	50 mm	85 mm
F002/18L	18 mm	50 mm	85 mm
F002/19L	19 mm	50 mm	85 mm
F002/20L	20 mm	50 mm	85 mm
F002/21L	21 mm	50 mm	85 mm
F002/22L	22 mm	50 mm	85 mm
F002/23L	23 mm	50 mm	85 mm
F002/24L	24 mm	50 mm	85 mm
F002/25L	25 mm	50 mm	85 mm
F002/26L	26 mm	50 mm	85 mm
F002/27L	27 mm	50 mm	85 mm
F002/28L	28 mm	50 mm	85 mm
F002/29L	29 mm	50 mm	85 mm
F002/30L	30 mm	50 mm	85 mm
F002/31L	31 mm	50 mm	85 mm
F002/32L	32 mm	50 mm	85 mm
F002/33L	33 mm	50 mm	85 mm
F002/34L	34 mm	50 mm	85 mm
F002/35L	35 mm	50 mm	85 mm
F002/36L	36 mm	50 mm	85 mm
F002/37L	37 mm	50 mm	85 mm
F002/38L	38 mm	50 mm	85 mm
F002/39L	39 mm	50 mm	85 mm
F002/40L	40 mm	50 mm	85 mm
F002/41L	41 mm	50 mm	85 mm
F002/42L	42 mm	50 mm	85 mm
F002/43L	43 mm	50 mm	85 mm
F002/44L	44 mm	50 mm	85 mm
F002/45L	45 mm	50 mm	85 mm
F002/46L	46 mm	50 mm	85 mm
F002/47L	47 mm	50 mm	85 mm
F002/48L	48 mm	50 mm	85 mm
F002/49L	49 mm	50 mm	85 mm
F002/50L	50 mm	50 mm	85 mm
F002/55L	55 mm	50 mm	85 mm
F002/60L	60 mm	50 mm	85 mm

F002-XPL

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	6 mm	55 mm	62,5 mm
F002/007PL	7 mm	55 mm	86,5 mm
F002/008PL	8 mm	55 mm	86,5 mm
F002/009PL	9 mm	55 mm	86,5 mm
F002/010PL	10 mm	55 mm	86,5 mm
F002/011PL	11 mm	55 mm	86,5 mm

F002/P

PILOT PIN

For weldon shank core drills.



Box | Mill | Magnetic Drill | Drill press

Dimensions	6,35 x 77 mm

F002/PL

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

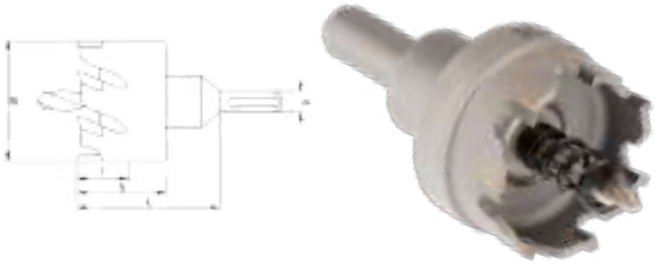
Materials to be processed	Saw diameter							Coolant
	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 70	71 -100	
	no. of revolutions (rpm)							
Alloy steel R< 1100÷1300N/mm2	530	420	340	270	210	160	100	Emulsion
Stainless steel	530	420	340	270	210	160	100	Emulsion
Aluminium	880	690	570	450	350	270	190	Emulsion



F019-

TCT CORE DRILL

With lateral chip and center drill. Maximum cutting depth 5mm.



C45 | HM | Hangable | R≤1300N/mm² | Steel | Stainless steel

Aluminum | Non-ferr. alloys | Cast Iron | Mill | Magnetic Drill | Drill press | Portable Drill

Art.	ø	h	d	L	Thread
F019/015	15 mm	28 mm	10 mm	50 mm	-
F019/016	16 mm	28 mm	10 mm	50 mm	-
F019/017	17 mm	28 mm	10 mm	50 mm	-
F019/018	18 mm	28 mm	10 mm	50 mm	-
F019/019	19 mm	28 mm	10 mm	50 mm	-
F019/020	20 mm	28 mm	10 mm	50 mm	-
F019/021	21 mm	28 mm	10 mm	50 mm	-
F019/022	22 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/023	23 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/024	24 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/025	25 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/026	26 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/027	27 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/028	28 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/029	29 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/030	30 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/031	31 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/032	32 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/033	33 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/034	34 mm	28 mm	10 mm	50 mm	M12 x 1,25
F019/035	35 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/036	36 mm	35 mm	10 mm	55 mm	M14 x 1,5
F019/037	37 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/038	38 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/039	39 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/040	40 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/041	41 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/042	42 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/043	43 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/044	44 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/045	45 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/046	46 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/047	47 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/048	48 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/049	49 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/050	50 mm	28 mm	10 mm	50 mm	M14 x 1,5
F019/051	51 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/052	52 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/053	53 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/054	54 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/055	55 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/056	56 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/057	57 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/058	58 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/059	59 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/060	60 mm	35 mm	10 mm	55 mm	M16 x 1,5
F019/065	65 mm	28 mm	10 mm	50 mm	M16 x 1,5
F019/070	70 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/075	75 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/080	80 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/085	85 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/090	90 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/095	95 mm	28 mm	12 mm	50 mm	M16 x 1,5
F019/100	100 mm	28 mm	12 mm	50 mm	M16 x 1,5

F019/006

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

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

CENTER DRILL

For item F019-.



Box | HSS | HM

ø	6 mm
L	50 mm

F019/007

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

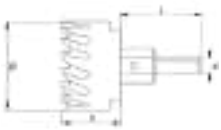
Materials to be processed	Saw diameter												Coolant
	12-17	18-24	25-32	33-38	39-44	45-51	52-57	58-64	65-70	71-80	81-90	91-100	
	no. of revolutions (rpm)												
Low alloy construction steel R< 700÷900N/mm2	550	380	300	240	200	170	150	130	120	110	100	90	Emulsion
Alloy steel R< 1100÷1300N/mm2	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 | R≤800N/mm² | Steel | Stainless steel | Aluminum

Non-ferr. alloys | Plastic | Cast Iron | Emulsion | Mill | Drill

Art.	ø	h	d	L	Thread
F015/012	12 mm	23 mm	8 mm	46 mm	M10 x 1,25
F015/013	13 mm	23 mm	8 mm	46 mm	M10 x 1,25
F015/014	14 mm	23 mm	8 mm	46 mm	M10 x 1,25
F015/015	15 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/016	16 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/017	17 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/018	18 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/019	19 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/020	20 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/021	21 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/022	22 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/023	23 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/024	24 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/025	25 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/026	26 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/027	27 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/028	28 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/029	29 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/030	30 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/031	31 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/032	32 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/033	33 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/034	34 mm	23 mm	10 mm	46 mm	M12 x 1,25
F015/035	35 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/036	36 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/037	37 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/038	38 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/039	39 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/040	40 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/041	41 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/042	42 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/043	43 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/044	44 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/045	45 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/046	46 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/047	47 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/048	48 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/049	49 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/050	50 mm	23 mm	10 mm	46 mm	M14 x 1,5
F015/051	51 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/052	52 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/053	53 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/054	54 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/055	55 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/056	56 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/057	57 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/058	58 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/059	59 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/060	60 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/065	65 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/070	70 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/075	75 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/080	80 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/085	85 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/090	90 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/095	95 mm	23 mm	12 mm	46 mm	M16 x 1,5
F015/100	100 mm	23 mm	12 mm	46 mm	M16 x 1,5

F015/006S

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



6 Pcs | Carrying case | HSS | R≤800N/mm²

Sizes	16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm

F015/008S

DRILL BIT HOLE SAW SET

With lateral chip and center drill.



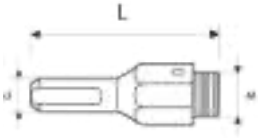
8 Pcs | Carrying case | HSS | R≤800N/mm²

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	M
F015/001	12 - 14 mm	8 mm	56 mm	M10 x 1,25
F015/002	15 - 34 mm	10 mm	56 mm	M12 x 1,25
F015/003	35 - 50 mm	10 mm	56 mm	M14 x 1,5
F015/004	51 - 100 mm	12 mm	60 mm	M16 x 1,5

F015/005

CENTER DRILL

For item F015-.



Box | HSS

ø	6 mm
L	50 mm

F015/007

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-

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	14 mm	9/16
0278/016	16 mm	5/8
0278/017	17 mm	11/16
0278/019	19 mm	3/4
0278/020	20 mm	25/32
0278/021	21 mm	13/16
0278/022	22 mm	7/8
0278/024	24 mm	15/16
0278/025	25 mm	1
0278/027	27 mm	1-1/16
0278/029	29 mm	1-1/8
0278/030	30 mm	1-3/16
0278/032	32 mm	1-1/4
0278/033	33 mm	1-5/16
0278/035	35 mm	1-3/8
0278/037	37 mm	1-7/16
0278/038	38 mm	1-1/2
0278/040	40 mm	1-9/16
0278/041	41 mm	1-5/8
0278/043	43 mm	1-11/16
0278/044	44 mm	1-3/4
0278/046	46 mm	1-13/16
0278/048	48 mm	1-7/8
0278/051	51 mm	2
0278/052	52 mm	2-1/16
0278/054	54 mm	2-1/8
0278/057	57 mm	2-1/4
0278/059	59 mm	2-5/16
0278/060	60 mm	2-3/8
0278/064	64 mm	2-1/2
0278/065	65 mm	2-9/16
0278/067	67 mm	2-5/8
0278/068	68 mm	2-11/16
0278/070	70 mm	2-3/4
0278/073	73 mm	2-7/8
0278/076	76 mm	3
0278/079	79 mm	3-1/8
0278/083	83 mm	3-1/4
0278/085	85 mm	3-3/8
0278/089	89 mm	3-1/2
0278/092	92 mm	3-5/8
0278/095	95 mm	3-3/4
0278/098	98 mm	3-7/8
0278/102	102 mm	4
0278/105	105 mm	4-1/8
0278/108	108 mm	4-1/4
0278/111	111 mm	4-3/8
0278/114	114 mm	4-1/2
0278/121	121 mm	4-3/4
0278/127	127 mm	5
0278/140	140 mm	5-1/2
0278/152	152 mm	6

0278/002S

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

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

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

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

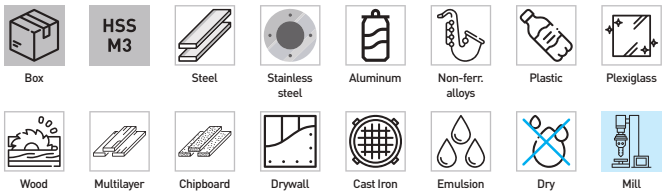
0712-

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	14 mm	9/16
0712/016	16 mm	5/8
0712/017	17 mm	11/16
0712/019	19 mm	3/4
0712/020	20 mm	25/32
0712/021	21 mm	13/16
0712/022	22 mm	7/8
0712/024	24 mm	15/16
0712/025	25 mm	1
0712/027	27 mm	1-1/16
0712/029	29 mm	1-1/8
0712/030	30 mm	1-3/16
0712/032	32 mm	1-1/4
0712/033	33 mm	1-5/16
0712/035	35 mm	1-3/8
0712/037	37 mm	1-7/16
0712/038	38 mm	1-1/2
0712/040	40 mm	1-9/16
0712/041	41 mm	1-5/8
0712/043	43 mm	1-11/16
0712/044	44 mm	1-3/4
0712/046	46 mm	1-13/16
0712/048	48 mm	1-7/8
0712/051	51 mm	2
0712/052	52 mm	2-1/16
0712/054	54 mm	2-1/8
0712/057	57 mm	2-1/4
0712/059	59 mm	2-5/16
0712/060	60 mm	2-3/8
0712/064	64 mm	2-1/2
0712/065	65 mm	2-9/16
0712/067	67 mm	2-5/8
0712/068	68 mm	2-11/16
0712/070	70 mm	2-3/4
0712/073	73 mm	2-7/8
0712/076	76 mm	3
0712/079	79 mm	3-1/8
0712/083	83 mm	3-1/4
0712/085	85 mm	3-3/8
0712/089	89 mm	3-1/2
0712/092	92 mm	3-5/8
0712/095	95 mm	3-3/4
0712/098	98 mm	3-7/8
0712/102	102 mm	4
0712/105	105 mm	4-1/8
0712/108	108 mm	4-1/4
0712/111	111 mm	4-3/8
0712/114	114 mm	4-1/2
0712/121	121 mm	4-3/4
0712/127	127 mm	5
0712/140	140 mm	5-1/2
0712/152	152 mm	6

0712/002

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

HOLE SAW SET

Repairman set.







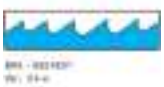
Hole saw	22 - 25 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	32 - 38 mm
Corresponding arbors, adapter, bits	0712/900

0712/008

HOLE SAW SET

Plumber set.







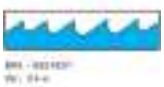
Hole saw	19 - 22 - 29 mm
Corresponding arbors, adapter, bits	0712/600
Hole saw	38 - 44 - 57 mm
Corresponding arbors, adapter, bits	0712/800 - 0712/900

0712/009

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

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

ARBOR ADAPTER FOR HOLE SAWS



Box

Gear Reduction ratio	1/2" - 5/8"
For shafts	0712/600 - 0712/700

0712-X00

DRILL BIT

Suitable for all brands.



Box | HSS

Art.	Stem	For shafts	Length	Pack
0712/300	Ø 6,35 mm	0712/600	105 mm	10
0712/200	Ø 6,35 mm	0712/700 - 800	75 mm	10

0712-X0

HOLE SAW ARBOR WITH DRILL BIT

Hexagonal connection, suitable for all brands.



Box | HSS

Art.	Shank	Stem	Hole saw	Thread
0712/600	Shank Round	Ø 6,35 mm	Ø 14÷30 mm	1/2"
0712/700	Shank Hexagonal	Ø 9,5 mm	Ø 14÷30 mm	1/2"
0712/800	Shank Hexagonal	Ø 11 mm	Ø 32÷152 mm	5/8"



A208B-

MACHINE REAMER

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 | 208/B | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

Art.	øH7	L	l	MT
A208B/05	5 mm	133 mm	23 mm	1
A208B/06	6 mm	138 mm	26 mm	1
A208B/07	7 mm	150 mm	31 mm	1
A208B/08	8 mm	156 mm	33 mm	1
A208B/09	9 mm	162 mm	36 mm	1
A208B/10	10 mm	168 mm	38 mm	1
A208B/11	11 mm	175 mm	41 mm	1
A208B/12	12 mm	182 mm	44 mm	1
A208B/13	13 mm	182 mm	44 mm	1
A208B/14	14 mm	189 mm	47 mm	1
A208B/15	15 mm	204 mm	50 mm	2
A208B/16	16 mm	210 mm	52 mm	2
A208B/17	17 mm	214 mm	54 mm	2
A208B/18	18 mm	219 mm	56 mm	2
A208B/19	19 mm	223 mm	58 mm	2
A208B/20	20 mm	228 mm	60 mm	2
A208B/21	21 mm	232 mm	62 mm	2
A208B/22	22 mm	237 mm	64 mm	2
A208B/23	23 mm	241 mm	66 mm	2
A208B/24	24 mm	268 mm	68 mm	3
A208B/25	25 mm	268 mm	68 mm	3
A208B/26	26 mm	273 mm	70 mm	3
A208B/27	27 mm	277 mm	71 mm	3
A208B/28	28 mm	277 mm	71 mm	3
A208B/29	29 mm	281 mm	73 mm	3
A208B/30	30 mm	281 mm	73 mm	3
A208B/31	31 mm	285 mm	75 mm	3
A208B/32	32 mm	317 mm	77 mm	4
A208B/34	34 mm	321 mm	78 mm	4
A208B/35	35 mm	321 mm	78 mm	4
A208B/36	36 mm	325 mm	79 mm	4
A208B/38	38 mm	329 mm	81 mm	4
A208B/40	40 mm	329 mm	81 mm	4

A212-

MACHINE REAMER

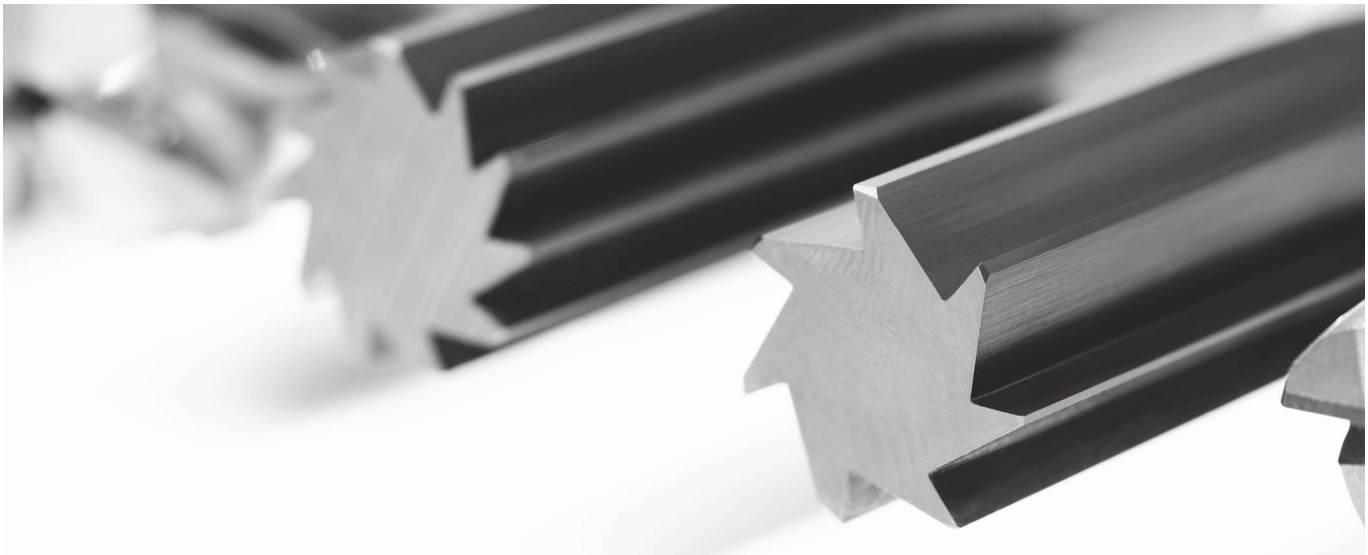
Ground for H7 couplings. Right-hand cut, left-hand helical cutting edges, cylindrical attachment. They can be used mainly for through holes but thanks to the short mouth it is also possible to bore blind holes.



Box | HSS | 212/B | External

Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

Art.	ØH7	L	l	d h9	Z
A212/02.00	2 mm	49 mm	11 mm	2 mm	4
A212/02.50	2,5 mm	57 mm	14 mm	2.5 mm	4
A212/03.00	3 mm	61 mm	15 mm	3 mm	4
A212/03.50	3,5 mm	70 mm	18 mm	3,5 mm	6
A212/04.00	4 mm	75 mm	19 mm	4 mm	6
A212/04.50	4,5 mm	80 mm	21 mm	4,5 mm	6
A212/05.00	5 mm	86 mm	23 mm	5 mm	6
A212/05.50	5,5 mm	93 mm	26 mm	5,5 mm	6
A212/06.00	6 mm	93 mm	26 mm	6 mm	6
A212/06.50	6,5 mm	101 mm	28 mm	6,5 mm	6
A212/07.00	7 mm	109 mm	31 mm	7 mm	6
A212/07.50	7,5 mm	109 mm	31 mm	7 mm	6
A212/08.00	8 mm	117 mm	33 mm	8 mm	6
A212/08.50	8,5 mm	117 mm	33 mm	8 mm	6
A212/09.00	9 mm	125 mm	36 mm	9 mm	6
A212/09.50	9,5 mm	125 mm	36 mm	9 mm	6
A212/10.00	10 mm	133 mm	38 mm	10 mm	6
A212/11.00	11 mm	142 mm	41 mm	10 mm	6
A212/12.00	12 mm	151 mm	44 mm	10 mm	6
A212/13.00	13 mm	151 mm	44 mm	10 mm	6
A212/14.00	14 mm	160 mm	47 mm	12 mm	6
A212/15.00	15 mm	162 mm	50 mm	12 mm	8
A212/16.00	16 mm	170 mm	52 mm	12 mm	8



L018-

SOLID CAP SCREW COUNTER BORE BEFORE THREAD GRADE

For pre-drilled threads.



Box | HSS | TiN | DIN 373 | External | Steel

Art.	Screw	D	d1	d2	L1	L2	L
L018/03	M3	6 mm	2,5 mm	5 mm	4 mm	14 mm	71 mm
L018/04	M4	8 mm	3,3 mm	5 mm	5 mm	14 mm	71 mm
L018/05	M5	10 mm	4,2 mm	8 mm	6 mm	18 mm	80 mm
L018/06	M6	11 mm	5,0 mm	8 mm	7 mm	18 mm	80 mm
L018/08	M8	15 mm	6,8 mm	12,5 mm	9 mm	22 mm	100 mm
L018/10	M10	18 mm	8,5 mm	12,5 mm	14 mm	22 mm	100 mm
L018/12	M12	20 mm	10,2 mm	12,5 mm	14 mm	22 mm	100 mm

L019-

SOLID CAP SCREW COUNTER BORE FINE GRADE

For through holes for the execution of precision screws or bolts.



Box | HSS | TiN | DIN 373 | External | Steel

Art.	Screw	D	d1	d2	L1	L2	L
L019/03	M3	6 mm	3,2 mm	5 mm	4 mm	14 mm	71 mm
L019/04	M4	8 mm	4,3 mm	5 mm	5 mm	14 mm	71 mm
L019/05	M5	10 mm	5,3 mm	8 mm	6 mm	18 mm	80 mm
L019/06	M6	11 mm	6,4 mm	8 mm	7 mm	18 mm	80 mm
L019/08	M8	15 mm	8,4 mm	12,5 mm	9 mm	22 mm	100 mm
L019/10	M10	18 mm	10,5 mm	12,5 mm	14 mm	22 mm	100 mm
L019/12	M12	20 mm	13 mm	12,5 mm	14 mm	22 mm	100 mm

L020-

COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK MEDIUM TYPE

For through holes.



Box | HSS | TiN | DIN 373 | External | Steel

Art.	Screw	D	d1	d2	L1	L2	L
L020/03	M 3	6 mm	3,4 mm	5 mm	4 mm	14 mm	71 mm
L020/04	M 4	8 mm	4,5 mm	5 mm	5 mm	14 mm	71 mm
L020/05	M 5	10 mm	5,5 mm	8 mm	6 mm	18 mm	80 mm
L020/06	M 6	11 mm	6,6 mm	8 mm	7 mm	18 mm	80 mm
L020/08	M 8	15 mm	9 mm	12,5 mm	9 mm	22 mm	100 mm
L020/10	M 10	18 mm	11 mm	12,5 mm	14 mm	22 mm	100 mm
L020/12	M 12	20 mm	13,5 mm	12,5 mm	14 mm	22 mm	100 mm

L018S

SOLID CAP SCREW COUNTER BORE SET BEFORE THREAD

For pre-drilled threads.



6 Pcs | Hangable | HSS | TiN | DIN 373 | External

For screws M3, M4, M5, M6, M8, M10

L019S

SOLID CAP SCREW COUNTER BORE SET FINE GRADE

For through holes for the execution of precision screws or bolts.



6 Pcs | Hangable | HSS | TiN | DIN 373 | External

For screws M3, M4, M5, M6, M8, M10

L020S

SOLID CAP SCREW COUNTER BORE SET MEDIUM GRADE

For through holes.



6 Pcs | Hangable | HSS | TiN | DIN 373 | External

For screws M3, M4, M5, M6, M8, M10

L020

7 PCS COUNTERBORER WITH SOLID PILOT STRAIGHT SHANK

For through holes.





7 Pcs | Hangable | HSS | TiN | DIN 373 | External

For screws	M3, M4, M5, M6, M8, M10, M12

S0X

90° THREE FLUTES COUNTERSINK

With ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





Box | HSS | TiN | DIN 335C | 90° | External

Art.	ø max	Screws M	Stem
S006	6,3 mm	3	Ø 5 mm
S006/A	6 mm	3 - DIN 74 AF	Ø 5 mm
S008	8 mm	4 - DIN 74 AF	Ø 6 mm
S010	10,4 mm	5	Ø 6 mm
S010/A	10 mm	5- DIN 74 AF	Ø 6 mm
S012	12,4 mm	6	Ø 8 mm
S016	16,5 mm	8	Ø 10 mm
S020	20,5 mm	10	Ø 10 mm
S025	25 mm	12	Ø 10 mm
S028	28 mm	14	Ø 12 mm
S031	31 mm	16	Ø 12 mm
S040	40 mm	--	Ø 15 mm

S001

90° THREE FLUTES COUNTERSINK SET

With ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





6 Pcs | Hangable | HSS | TiN | DIN 335C | 90°

ø max	6 - 8 - 10 - 12,4 - 16,5 - 20,5 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	6,3 mm	31 mm	1/4" HEX x 25 mm
S026/08	8,3 mm	31 mm	1/4" HEX x 25 mm
S026/10	10,4 mm	34 mm	1/4" HEX x 25 mm
S026/12	12,4 mm	35 mm	1/4" HEX x 25 mm
S026/16	16,5 mm	40 mm	1/4" HEX x 25 mm
S026/20	20,5 mm	41 mm	1/4" HEX x 25 mm

S026/06-20S

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations.





6 Pcs | Hangable | HSS M2 | 90°

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

S026/06-20SM

COUNTERSINK SET WITH HEX SHANK

To perform conical countersinks without vibrations. With handle and magnetic extension.





8 Pcs | Hangable | HSS M2 | 90°

Sizes	6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm
Shank dimensions	1/4" HEX x 25 mm

S1-

60° THREE FLUTES COUNTERSINK

With ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





Box | HSS | TiN | DIN 334C | 60° | External | Steel

Art.	ø max	Length	Stem
S1/06	6.3 mm	45 mm	5 mm
S1/08	8 mm	50 mm	6 mm
S1/10	10 mm	53 mm	6 mm
S1/12	12,5 mm	56 mm	8 mm
S1/16	16 mm	63 mm	10 mm
S1/20	20 mm	67 mm	10 mm
S1/25	25 mm	71 mm	10 mm

S001/60

60° THREE FLUTES COUNTERSINK SET

With ground edges and grooves machined from solid, to perform conical countersinks without vibrations.





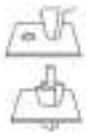
6 Pcs | Hangable | HSS | TiN | DIN 334C | 60°

ø max	6-8-10-12,5-16-20mm

A014-

TAPER DRILL

With cilindrical shank.





Box | HSS M2 | TiN | Steel | Aluminum | Non-ferr. alloys

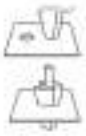
Art.	ø	Total length
A014/03-14	3 - 14 mm	58 mm
A014/03-22	6 - 20 mm	63 mm
A014/03-31	16 - 30,5 mm	72 mm
A014/06-20	26 - 40 mm	86 mm
A014/16-30	36 - 50 mm	89 mm
A014/26-40	40 - 61 mm	94 mm
A014/36-50	3 - 31 mm	104 mm
A014/40-61	3 - 22,5 mm	76 mm

A014/03-30S

TAPER DRILLS SET

With cilindrical shank.





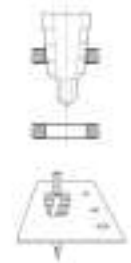
3 Pcs | Hangable | HSS M2 | TiN

Sizes	3 ÷ 14 - 6 ÷ 20 - 16 ÷ 30,5 mm

F639

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

STEP DRILL BITS SET

For creating and enlarging holes in sheet metal.





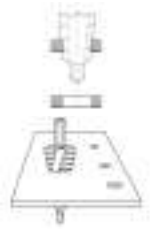
3 Pcs | Hangable | HSS | TiN

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.





HSS | TiN

Box | Steel | Aluminum | Non-ferr. alloys

Art.	Stem	ø
F232	10 mm	2,5 ÷ 32 (2,5-6,3-11,2-14,5-18,2-22,3-27,9-32) mm
F238	10 mm	2,5 ÷ 38 (2,5-6,3-13-16-19-21-23-26-29-32-35-38) mm

F025

SPARE PART POINT

Suitable with F232 F238.



HSS

Box

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 | Non-ferr. alloys

Art.	ø	Stem	Total length
P037/6	6 mm	6 mm	90 mm
P037/8	8 mm	8 mm	90 mm

P036-

SPOT DRILLS

To remove welding spots and to drill metal sheets in general.





HSS CO 5% | DIN

Hangable | 1897/N | Steel | Emulsion | Mill

Art.	ø	Total length
P036/06	6 mm	66 mm
P036/07	7 mm	74 mm
P036/08	8 mm	79 mm
P036/10	10 mm	89 mm

F001/10

SET FRONTAL ROUGHING END MILLS

Regular length, center cutting, weldon shank.



HSS | TiN | DIN

10 Pcs | Wooden Box | 844/B | External

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

SET END MILLS

Two and four flute, regular length, weldon shank, center cutting.



HSS | TiN | DIN

20 Pcs | Wooden Box | 844/B - 327/D | External

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

F005-

2 FLUTE STRAIGHT SHANK END MILL

For finish, cylindrical shank, weldon connection, normal series.

Art.	D	d	l	Z	L
F005/03	3 mm	6 mm	5 mm	2	49 mm
F005/04	4 mm	6 mm	7 mm	2	51 mm
F005/05	5 mm	6 mm	8 mm	2	52 mm
F005/06	6 mm	6 mm	8 mm	2	52 mm
F005/08	8 mm	10 mm	11 mm	2	61 mm
F005/10	10 mm	10 mm	13 mm	2	63 mm
F005/12	12 mm	12 mm	16 mm	2	73 mm
F005/14	14 mm	12 mm	16 mm	2	73 mm
F005/16	16 mm	16 mm	19 mm	2	79 mm
F005/18	18 mm	16 mm	19 mm	2	79 mm
F005/20	20 mm	20 mm	22 mm	2	88 mm
F005/22	22 mm	20 mm	22 mm	2	88 mm
F005/24	24 mm	20 mm	26 mm	2	92 mm
F005/25	25 mm	20 mm	26 mm	2	92 mm





Box · 327/D · External · Steel · Aluminum · Non-ferr. alloys · Cast Iron

F006-

4 FLUTE STRAIGHT SHANK END MILL

For finish, cylindrical shank, weldon connection, normal series.

Art.	D	d	l	Z	L
F006/03	3 mm	6 mm	8 mm	4	52 mm
F006/04	4 mm	6 mm	11 mm	4	55 mm
F006/05	5 mm	6 mm	13 mm	4	57 mm
F006/06	6 mm	6 mm	13 mm	4	57 mm
F006/08	8 mm	10 mm	19 mm	4	69 mm
F006/10	10 mm	10 mm	22 mm	4	72 mm
F006/12	12 mm	12 mm	26 mm	4	83 mm
F006/14	14 mm	12 mm	26 mm	4	83 mm
F006/16	16 mm	16 mm	32 mm	4	92 mm
F006/18	18 mm	16 mm	32 mm	4	92 mm
F006/20	20 mm	20 mm	38 mm	4	104 mm







Box · 844 · External · Steel · Aluminum · Non-ferr. alloys · Cast Iron

F007-

4 FLUTE STRAIGHT SHANK ROUGHING END MILL

Regular length weldon shank center cutting.

Art.	D	d	l	Z	L
F007/06	6 mm	6 mm	13 mm	4	57 mm
F007/07	7 mm	10 mm	16 mm	4	66 mm
F007/08	8 mm	10 mm	19 mm	4	69 mm
F007/09	9 mm	10 mm	19 mm	4	69 mm
F007/10	10 mm	10 mm	22 mm	4	72 mm
F007/11	11 mm	12 mm	22 mm	4	76 mm
F007/12	12 mm	12 mm	26 mm	4	83 mm
F007/13	13 mm	12 mm	26 mm	4	83 mm
F007/14	14 mm	12 mm	26 mm	4	83 mm
F007/15	15 mm	12 mm	26 mm	4	83 mm
F007/16	16 mm	16 mm	32 mm	4	92 mm
F007/18	18 mm	16 mm	32 mm	4	92 mm
F007/20	20 mm	20 mm	38 mm	4	104 mm
F007/22	22 mm	20 mm	38 mm	4	104 mm
F007/25	25 mm	25 mm	45 mm	4	121 mm







Box · 844/B · External · Steel · Aluminum · Non-ferr. alloys · Cast Iron

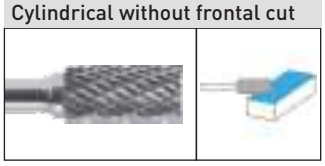


HARD METAL ROTARY MILLING MACHINES

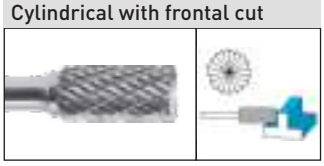
Cut type	Representation	Description
Standard Cut		Suitable for cutting steel, hardened steel, cast iron, weld seams and metal materials in general.
Cross cut		Suitable for treated steel, stainless steel, metal materials in general. Thanks to this type of cut, vibrations are considerably reduced.
Aluminium cutting		Suitable for aluminium, magnesium, plastics and hard rubber.

TYPOLOGIES OF SHAPES AND THEIR USE

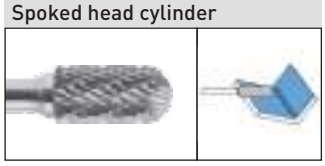
Cylindrical without frontal cut



Cylindrical with frontal cut



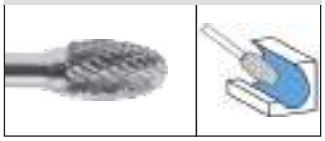
Spoked head cylinder



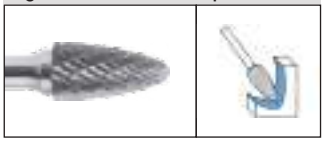
Spherical



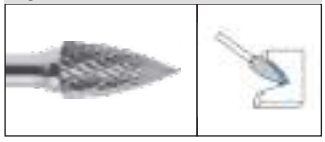
Oval



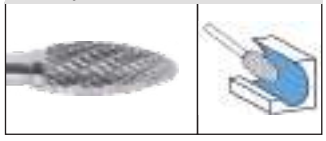
Ogive with rounded tip



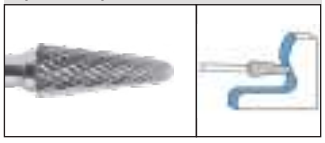
Ogive



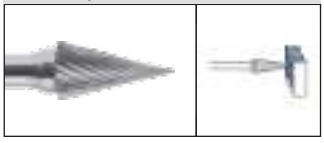
With spoked lance



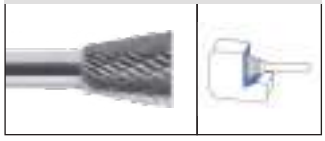
Spoked tip conical



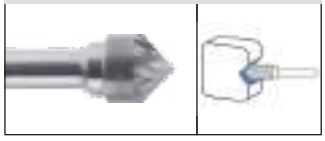
Conical pointed



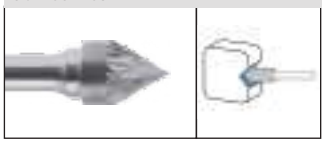
Conical Trunk



90° conical



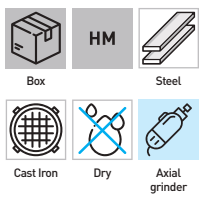
60° conical

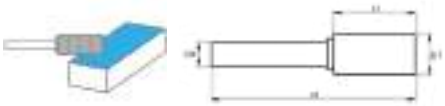


AXSC

CYLINDRICAL ROTARY CUTTERS WITHOUT FACE CUT







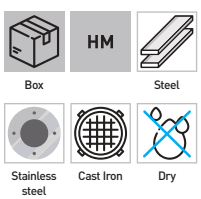
Art.	D1	L1	D2	L2
A02SC3	Ø 2 mm	10 mm	3 mm	38 mm
A06SC6	Ø 6 mm	16 mm	6 mm	61 mm
A08SC6	Ø 8 mm	20 mm	6 mm	65 mm
A10SC6	Ø 10 mm	20 mm	6 mm	65 mm
A12SC6	Ø 12 mm	25 mm	6 mm	70 mm
A16SC6	Ø 16 mm	25 mm	6 mm	70 mm

AXDC

ROTARY BURRS

Diamond cut





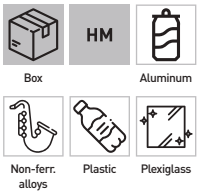


Art.	D1	L1	D2	L2
A02DC3	Ø 2 mm	10 mm	3 mm	38 mm
A06DC6	Ø 6 mm	16 mm	6 mm	61 mm
A08DC6	Ø 8 mm	20 mm	6 mm	65 mm
A10DC6	Ø 10 mm	20 mm	6 mm	65 mm
A12DC6	Ø 12 mm	25 mm	6 mm	70 mm
A16DC6	Ø 16 mm	25 mm	6 mm	70 mm

A12AL6

ROTARY BURRS FOR ALUMINIUM





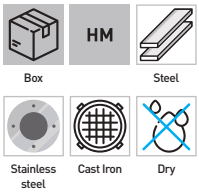


D1	Ø 12 mm	D2	6 mm
L1	25 mm	L2	70 mm

BXSC

SINGLE CUT ROTARY BURRS



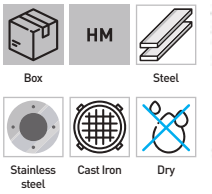


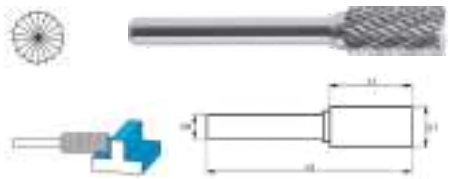


Art.	D1	L1	D2	L2
B02SC3	Ø 2 mm	10 mm	3 mm	38 mm
B03SC3	Ø 3 mm	13 mm	3 mm	38 mm
B04SC3	Ø 4 mm	13 mm	3 mm	41 mm
B04SC6	Ø 4 mm	13 mm	6 mm	58 mm
B06SC6	Ø 6 mm	16 mm	6 mm	61 mm
B08SC6	Ø 8 mm	20 mm	6 mm	65 mm
B10SC6	Ø 10 mm	20 mm	6 mm	65 mm
B12SC6	Ø 12 mm	25 mm	6 mm	70 mm
B16SC6	Ø 16 mm	25 mm	6 mm	70 mm

BXDC

DIAMOND CUT ROTARY BURRS



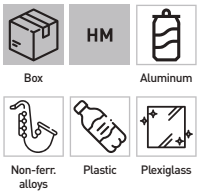


Art.	D1	L1	D2	L2
B02DC3	Ø 2 mm	10 mm	3 mm	38 mm
B03DC3	Ø 3 mm	13 mm	3 mm	38 mm
B04DC3	Ø 4 mm	13 mm	3 mm	41 mm
B04DC6	Ø 4 mm	13 mm	6 mm	58 mm
B06DC6	Ø 6 mm	16 mm	6 mm	61 mm
B08DC6	Ø 8 mm	20 mm	6 mm	65 mm
B10DC6	Ø 10 mm	20 mm	6 mm	65 mm
B12DC6	Ø 12 mm	25 mm	6 mm	70 mm
B16DC6	Ø 16 mm	25 mm	6 mm	70 mm
B19DC6	Ø 19 mm	25 mm	6 mm	70 mm
B22DC6	Ø 22 mm	25 mm	6 mm	70 mm
B25DC6	Ø 25 mm	25 mm	6 mm	70 mm

BXAL

ROTARY BURRS FOR ALUMINIUM





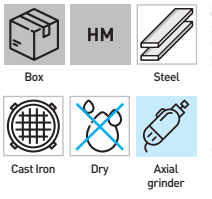


Art.	D1	L1	D2	L2
B06AL6	Ø 6 mm	16 mm	6 mm	61 mm
B08AL6	Ø 8 mm	20 mm	6 mm	65 mm
B10AL6	Ø 10 mm	20 mm	6 mm	65 mm
B12AL6	Ø 12 mm	25 mm	6 mm	70 mm

BXSCXL

SINGLE CUT LONG ROTARY BURRS





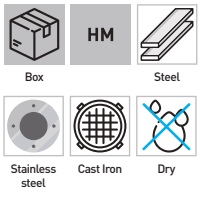


Art.	D1	L1	D2	L2
B02SC3L	Ø 2 mm	10 mm	3 mm	65 mm
B03SC3L	Ø 3 mm	13 mm	3 mm	65 mm
B08SC6L	Ø 8 mm	20 mm	6 mm	120 mm
B10SC6L	Ø 10 mm	20 mm	6 mm	120 mm
B12SC6L	Ø 12 mm	25 mm	6 mm	120 mm

BXDCXL

CARBIDE ROTARY BURRS







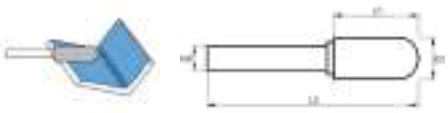
Art.	D1	L1	D2	L2
B02DC3L	Ø 2 mm	10 mm	3 mm	65 mm
B03DC3L	Ø 3 mm	13 mm	3 mm	65 mm
B08DC6L	Ø 8 mm	20 mm	6 mm	120 mm
B10DC6L	Ø 10 mm	20 mm	6 mm	120 mm
B12DC6L	Ø 12 mm	25 mm	6 mm	120 mm

CXSC
SINGLE CUT ROTARY BURRS









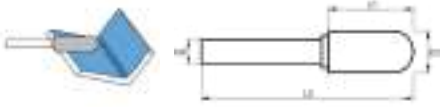
Art.	D1	L1	D2	L2
C02SC3	Ø 2 mm	10 mm	3 mm	38 mm
C03SC3	Ø 3 mm	13 mm	3 mm	38 mm
C04SC3	Ø 4 mm	13 mm	3 mm	58 mm
C04SC6	Ø 4 mm	13 mm	6 mm	58 mm
C06SC6	Ø 6 mm	16 mm	6 mm	61 mm
C08SC6	Ø 8 mm	20 mm	6 mm	65 mm
C10SC6	Ø 10 mm	20 mm	6 mm	65 mm
C12SC6	Ø 12 mm	25 mm	6 mm	70 mm
C16SC6	Ø 16 mm	25 mm	6 mm	70 mm

CXDC
DIAMOND CUT ROTARY BURRS









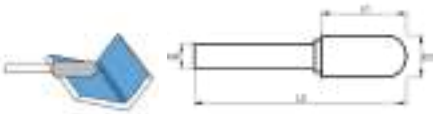
Art.	D1	L1	D2	L2
C02DC3	Ø 2 mm	10 mm	3 mm	38 mm
C03DC3	Ø 3 mm	13 mm	3 mm	38 mm
C04DC3	Ø 4 mm	13 mm	3 mm	38 mm
C04DC6	Ø 4 mm	13 mm	6 mm	38 mm
C06DC6	Ø 6 mm	16 mm	6 mm	61 mm
C08DC6	Ø 8 mm	20 mm	6 mm	65 mm
C10DC6	Ø 10 mm	20 mm	6 mm	65 mm
C12DC6	Ø 12 mm	25 mm	6 mm	70 mm
C16DC6	Ø 16 mm	25 mm	6 mm	70 mm
C19DC6	Ø 19 mm	25 mm	6 mm	70 mm
C22DC6	Ø 22 mm	25 mm	6 mm	70 mm
C25DC6	Ø 25 mm	25 mm	6 mm	70 mm

CXAL
ROTARY BURRS FOR ALUMINIUM









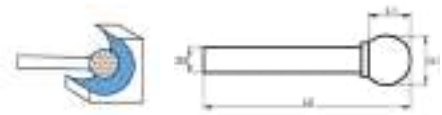
Art.	D1	L1	D2	L2
C06AL6	Ø 6 mm	16 mm	6 mm	61 mm
C08AL6	Ø 8 mm	20 mm	6 mm	65 mm
C10AL6	Ø 10 mm	20 mm	6 mm	65 mm
C12AL6	Ø 12 mm	25 mm	6 mm	70 mm

DXSC
SINGLE CUT ROTARY BURRS







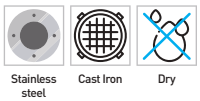


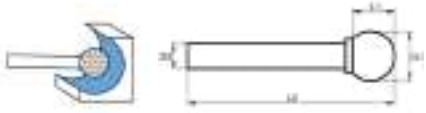
Art.	D1	L1	D2	L2
D03SC3	Ø 3 mm	2,7 mm	3 mm	38 mm
D04SC6	Ø 4 mm	3,6 mm	6 mm	38 mm
D06SC6	Ø 6 mm	5,4 mm	6 mm	50 mm
D08SC6	Ø 8 mm	7,2 mm	6 mm	52 mm
D10SC6	Ø 10 mm	9 mm	6 mm	54 mm
D12SC6	Ø 12 mm	10,8 mm	6 mm	56 mm
D16SC6	Ø 16 mm	14,4 mm	6 mm	60 mm

DXDC
DIAMOND CUT ROTARY BURRS









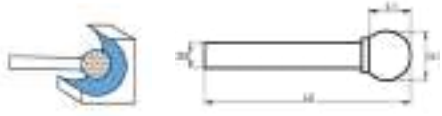
Art.	D1	L1	D2	L2
D03DC3	Ø 3 mm	2,7 mm	3 mm	38 mm
D04DC6	Ø 4 mm	3,6 mm	6 mm	38 mm
D06DC6	Ø 6 mm	5,4 mm	6 mm	50 mm
D08DC6	Ø 8 mm	7,2 mm	6 mm	52 mm
D10DC6	Ø 10 mm	9 mm	6 mm	54 mm
D12DC6	Ø 12 mm	10,8 mm	6 mm	56 mm
D16DC6	Ø 16 mm	14,4 mm	6 mm	60 mm
D19DC6	Ø 19 mm	17,4 mm	6 mm	64 mm

DXAL
ROTARY BURRS FOR ALUMINIUM







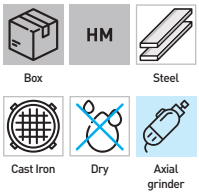


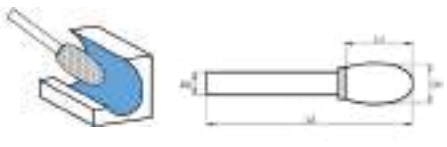
Art.	D1	L1	D2	L2
D06AL6	Ø 6 mm	5,4 mm	6 mm	50 mm
D08AL6	Ø 8 mm	7,2 mm	6 mm	52 mm
D10AL6	Ø 10 mm	9 mm	6 mm	54 mm

EXSC

SINGLE CUT ROTARY BURRS





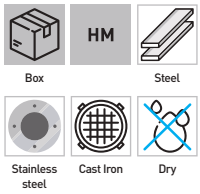


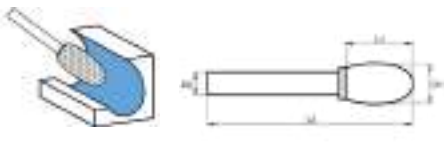
Art.	D1	L1	D2	L2
E08SC6	Ø 8 mm	13 mm	6 mm	58 mm
E10SC6	Ø 10 mm	16 mm	6 mm	61 mm
E12SC6	Ø 12 mm	20 mm	6 mm	65 mm
E16SC6	Ø 16 mm	25 mm	6 mm	70 mm

EXDC

DIAMOND CUT ROTARY BURRS





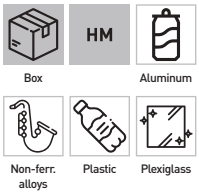


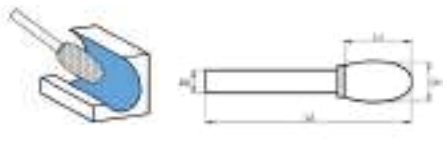
Art.	D1	L1	D2	L2
E08DC6	Ø 8 mm	13 mm	6 mm	58 mm
E10DC6	Ø 10 mm	16 mm	6 mm	61 mm
E12DC6	Ø 12 mm	20 mm	6 mm	65 mm
E16DC6	Ø 16 mm	25 mm	6 mm	70 mm

EXAL

ROTARY BURRS FOR ALUMINIUM





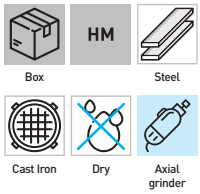


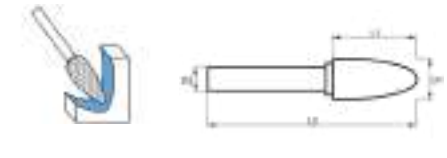
Art.	D1	L1	D2	L2
E10AL6	10 mm	16 mm	6 mm	61 mm
E12AL6	12 mm	20 mm	6 mm	65 mm

FXSC

SINGLE CUT ROTARY BURRS





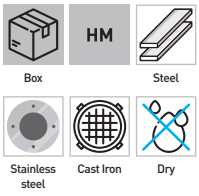


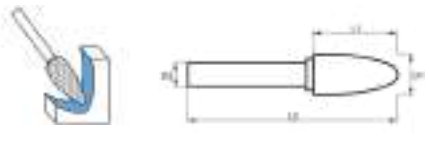
Art.	D1	D2	L1	L2
F03SC3	Ø 3 mm	13 mm	3 mm	38 mm
F06SC6	Ø 6 mm	18 mm	6 mm	63 mm
F08SC6	Ø 8 mm	20 mm	6 mm	65 mm
F10SC6	Ø 10 mm	20 mm	6 mm	65 mm
F12SC6	Ø 12 mm	25 mm	6 mm	70 mm

FXDC

DIAMOND CUT ROTARY BURRS





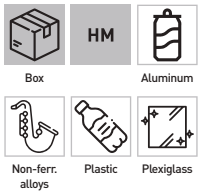


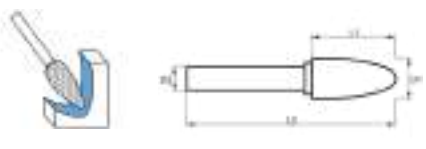
Art.	D1	D2	L1	L2
F03DC3	Ø 3 mm	13 mm	3 mm	38 mm
F06DC6	Ø 6 mm	18 mm	6 mm	63 mm
F08DC6	Ø 8 mm	20 mm	6 mm	65 mm
F10DC6	Ø 10 mm	20 mm	6 mm	65 mm
F12DC6	Ø 12 mm	25 mm	6 mm	70 mm
F16DC6	Ø 16 mm	25 mm	6 mm	70 mm
F19DC6	Ø 19 mm	25 mm	6 mm	70 mm

FXAL

ROTARY BURRS FOR ALUMINIUM





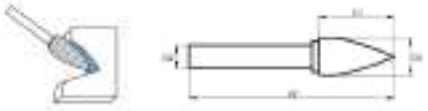


Art.	D1	L1	D2	L2
F10AL6	Ø 10 mm	20 mm	6 mm	65 mm
F12AL6	Ø 12 mm	25 mm	6 mm	70 mm

GXSC
SINGLE CUT ROTARY BURRS



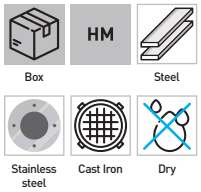




Art.	D1	L1	D2	L2
G03SC3	Ø 3 mm	13 mm	3 mm	38 mm
G06SC6	Ø 6 mm	18 mm	6 mm	65 mm
G10SC6	Ø 10 mm	20 mm	6 mm	65 mm
G12SC6	Ø 12 mm	25 mm	6 mm	70 mm

GXDC
DIAMOND CUT ROTARY BURRS



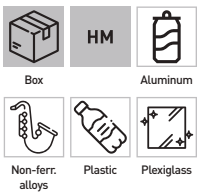




Art.	D1	L1	D2	L2
G03DC3	Ø 3 mm	13 mm	3 mm	38 mm
G06DC6	Ø 6 mm	18 mm	6 mm	65 mm
G10DC6	Ø 10 mm	20 mm	6 mm	65 mm
G12DC6	Ø 12 mm	25 mm	6 mm	70 mm
G16DC6	Ø 16 mm	25 mm	6 mm	70 mm
G19DC6	Ø 19 mm	25 mm	6 mm	70 mm

GXAL
ROTARY BURRS FOR ALUMINIUM



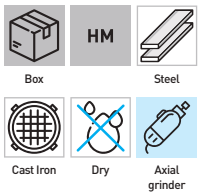


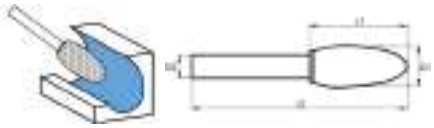


Art.	D1	L1	D2	L2
G10AL6	Ø 10 mm	20 mm	6 mm	65 mm
G12AL6	Ø 12 mm	25 mm	6 mm	70 mm

HXSC
SINGLE CUT ROTARY BURRS



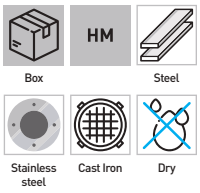


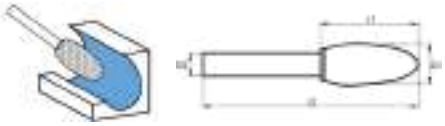


Art.	D1	L1	D2	L2
H08SC6	Ø 8 mm	20 mm	6 mm	65 mm
H10SC6	Ø 10 mm	25 mm	6 mm	70 mm
H12SC6	Ø 12 mm	32 mm	6 mm	77 mm

HXDC
DIAMOND CUT ROTARY BURRS



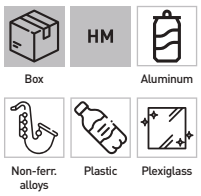


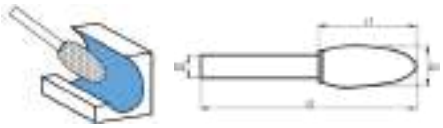


Art.	D1	D2	L1	L2
H06DC6	Ø 6 mm	6 mm	16 mm	61 mm
H08DC6	Ø 8 mm	6 mm	20 mm	65 mm
H10DC6	Ø 10 mm	6 mm	25 mm	70 mm
H12DC6	Ø 12 mm	6 mm	32 mm	77 mm

HXAL
ROTARY BURRS FOR ALUMINIUM





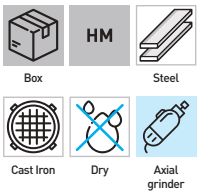


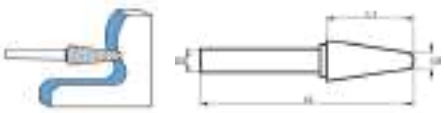
Art.	D1	D2	L1	L2
H08AL6	Ø 8 mm	6 mm	20 mm	65 mm
H10AL6	Ø 10 mm	6 mm	25 mm	70 mm
H12AL6	Ø 12 mm	6 mm	32 mm	77 mm

LXSC

SINGLE CUT ROTARY BURRS





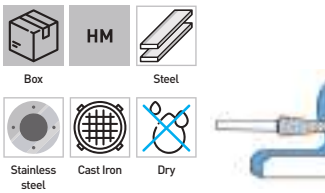


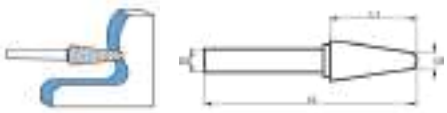
Art.	D1	L1	D2	L2
L03SC3	Ø 3 mm	13 mm	3 mm	38 mm
L06SC6	Ø 6 mm	16 mm	6 mm	61 mm

LXDC

DIAMOND CUT ROTARY BURRS





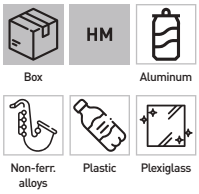


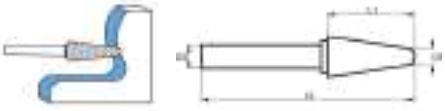
Art.	D1	L1	D2	L2
L03DC3	Ø 3 mm	13 mm	3 mm	38 mm
L06DC6	Ø 6 mm	16 mm	6 mm	61 mm
L08DC6	Ø 8 mm	22 mm	6 mm	65 mm
L10DC6	Ø 10 mm	25 mm	6 mm	70 mm
L12DC6	Ø 12 mm	25 mm	6 mm	70 mm

L10AL6

ROTARY BURRS FOR ALUMINIUM





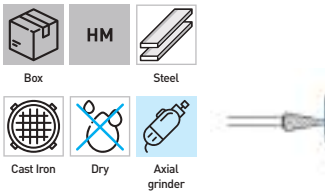


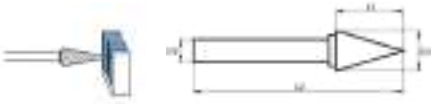
D1	Ø 10 mm
L1	25 mm
D2	6 mm
L2	70 mm

MXSC

SINGLE CUT ROTARY BURRS





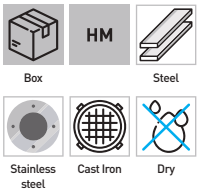


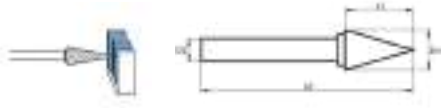
Art.	D1	L1	D2	L2
M08SC6	Ø 8 mm	20 mm	6 mm	65 mm
M10SC6	Ø 10 mm	20 mm	6 mm	65 mm
M12SC6	Ø 12 mm	25 mm	6 mm	70 mm

MXDC

DIAMOND CUT ROTARY BURRS





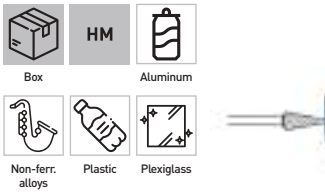


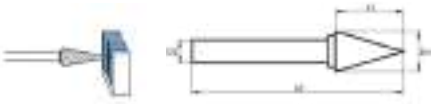
Art.	D1	L1	D2	L2
M03DC3	Ø 3 mm	11 mm	3 mm	38 mm
M03DC6	Ø 3 mm	11 mm	6 mm	38 mm
M06DC6	Ø 6 mm	18 mm	6 mm	60 mm
M08DC6	Ø 8 mm	20 mm	6 mm	65 mm
M10DC6	Ø 10 mm	20 mm	6 mm	65 mm
M12DC6	Ø 12 mm	25 mm	6 mm	70 mm
M16DC6	Ø 16 mm	25 mm	6 mm	70 mm

M10AL6

ROTARY BURRS FOR ALUMINIUM







D1	Ø 10 mm
L1	20 mm
D2	6 mm
L2	65 mm

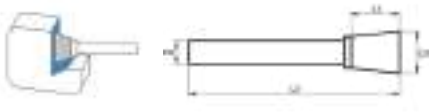
NXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	D1	L1	D2	L2
N12SC6	Ø 12 mm	13 mm	6 mm	58 mm
N16SC6	Ø 16 mm	16 mm	6 mm	58 mm

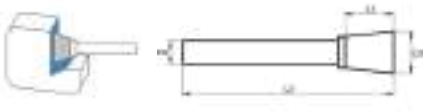
N12DC6

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



D1	Ø 12 mm	D2	6 mm
L1	13 mm	L2	58 mm

JXSC

SINGLE CUT ROTARY BURRS



Box HM Steel

Cast Iron Dry Axial grinder



Art.	D1	L1	D2	L2
J03SC3	Ø 3 mm	2,5 mm	3 mm	38 mm
J06SC6	Ø 6 mm	5,2 mm	6 mm	54 mm
J10SC6	Ø 10 mm	8 mm	6 mm	58 mm
J16SC6	Ø 16 mm	13 mm	6 mm	62 mm

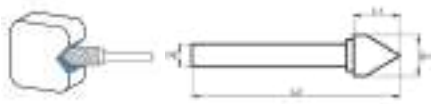
JXDC

DIAMOND CUT ROTARY BURRS



Box HM Steel

Stainless steel Cast Iron Dry



Art.	D1	L1	D2	L2
J03DC3	Ø 3 mm	2,5 mm	3 mm	38 mm
J06DC6	Ø 6 mm	5,2 mm	6 mm	54 mm
J10DC6	Ø 10 mm	8 mm	6 mm	58 mm
J16DC6	Ø 16 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	Ø 10 mm	5 mm	6 mm	54 mm
K16SC6	Ø 16 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	Ø 10 mm	5 mm	6 mm	54 mm
K16DC6	Ø 16 mm	8 mm	6 mm	58 mm

F008DC

HARD METAL ROTARY BURR SET

With diamond cut.



5 Pcs | Box | HM

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008SC

HARD METAL ROTARY BURR SET

With single cut.



5 Pcs | Box | HM

Sizes	10 x 20 mm
Type	B, C, D, G, M
Stem	6 mm

F008-

CARBIDE ROTARY FILE SET

Cross cut.



8 Pcs | Box | HM | Steel | Stainless steel | Cast Iron | Dry | Axial grinder

Art.	Stem
F008/3	Ø 3 mm
F008/6	Ø 6 mm

C003-

DISC TYPE GEAR SHAPER CUTTER

Nominal ø 100 mm hole 44,45 mm 20° angle pressure class A.



Box | HSS | TiN | DIN 1829 | External | Steel | Aluminum | Non-ferr. alloys | Oil

Art.	Module	ø max	ø d0	Height b1	Teeth
C003/1	1,00	102 mm	100 mm	16 mm	100
C003/1.25	1,25	105 mm	100 mm	16 mm	80
C003/1.50	1,50	107 mm	102 mm	18 mm	68
C003/1.75	1,75	107,4 mm	101,5 mm	20 mm	58
C003/2	2,00	107,31 mm	100 mm	20 mm	50
C003/2.25	2,25	109,29 mm	101,25 mm	20 mm	45
C003/2.50	2,50	108,46 mm	100 mm	20 mm	40
C003/2.75	2,75	108,36 mm	99 mm	24 mm	36
C003/3	3,00	111,82 mm	99 mm	24 mm	33
C003/3.25	3,25	110,99 mm	99 mm	24 mm	31
C003/3.50	3,50	108,72 mm	101,5 mm	24 mm	29
C003/3.75	3,75	112,35 mm	101,5 mm	24 mm	27
C003/4	4,00	111,75 mm	100 mm	24 mm	25
C003/4.25	4,25	114,12 mm	102 mm	24 mm	24
C003/4.50	4,50	111,65 mm	99 mm	24 mm	22
C003/5	5,00	114,05 mm	100 mm	24 mm	20
C003/5.50	5,50	119,96 mm	99 mm	24 mm	18
C003/6	6,00	118,86 mm	102 mm	24 mm	17
C003/6.50	6,50	122,5 mm	112 mm	24 mm	16
C003/7	7,00	127 mm	105 mm	24 mm	15
C003/8	8,00	135 mm	112 mm	24 mm	14
C003/10	10,00	168 mm	140 mm	24 mm	14

C001-

GEAR HOB 20° PRESSURE ANGLE

Ground profile class A.



Box | HSS | TiN | DIN 8002/B | External | Steel | Aluminum | Non-ferr. alloys | Oil | Mill

Art.	Module	Diameter ø	Length	Hole
C001/1	1,00	50 mm	31 mm	22 mm
C001/1.25	1,25	50 mm	31 mm	22 mm
C001/1.50	1,50	53 mm	50 mm	22 mm
C001/1.75	1,75	56 mm	38 mm	22 mm
C001/2	2,00	63 mm	46 mm	27 mm
C001/2.25	2,25	70 mm	56 mm	27 mm
C001/2.50	2,50	71 mm	63 mm	27 mm
C001/2.75	2,75	70 mm	56 mm	27 mm
C001/3	3,00	80 mm	71 mm	32 mm
C001/3.25	3,25	80 mm	69 mm	32 mm
C001/3.50	3,50	80 mm	71 mm	32 mm
C001/3.75	3,75	90 mm	78 mm	32 mm
C001/4	4,00	90 mm	78 mm	32 mm
C001/4.25	4,25	90 mm	78 mm	32 mm
C001/4.50	4,50	90 mm	78 mm	32 mm
C001/5	5,00	100 mm	88 mm	32 mm
C001/5.50	5,50	100 mm	88 mm	32 mm
C001/6	6,00	110 mm	108 mm	40 mm
C001/6.50	6,50	110 mm	109 mm	40 mm
C001/7	7,00	110 mm	110 mm	40 mm
C001/8	8,00	125 mm	130 mm	40 mm
C001/9	9,00	125 mm	140 mm	40 mm
C001/10	10,00	140 mm	160 mm	40 mm
C001/12	12,00	170 mm	195 mm	50 mm
C001/13	13,00	180 mm	210 mm	50 mm

P049-

MASONRY DRILL

Short series, cylindrical attachment, carbide tipped for masonry drill.





Box | C45 | HM

8039 | Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	ø	L	l	Stem	Pack
P049/03	3 mm	70 mm	40 mm	Ø 2,5 mm	10
P049/04	4 mm	75 mm	40 mm	Ø 3,5 mm	10
P049/05	5 mm	85 mm	40 mm	Ø 4,5 mm	10
P049/06	6 mm	100 mm	55 mm	Ø 4,5 mm	10
P049/07	7 mm	100 mm	55 mm	Ø 6,5 mm	10
P049/08	8 mm	120 mm	70 mm	Ø 6,5 mm	10
P049/09	9 mm	120 mm	70 mm	Ø 6,5 mm	10
P049/10	10 mm	120 mm	70 mm	Ø 7 mm	10
P049/11	11 mm	150 mm	90 mm	Ø 7 mm	10
P049/12	12 mm	150 mm	90 mm	Ø 9 mm	10
P049/13	13 mm	150 mm	90 mm	Ø 9 mm	5
P049/14	14 mm	150 mm	90 mm	Ø 11 mm	5
P049/15	15 mm	150 mm	90 mm	Ø 12 mm	5
P049/16	16 mm	150 mm	90 mm	Ø 12 mm	5
P049/18	18 mm	160 mm	100 mm	Ø 13 mm	5
P049/22	22 mm	160 mm	100 mm	Ø 13 mm	5
P049/24	24 mm	160 mm	100 mm	Ø 13 mm	5

P050-

MASONRY DRILL

Long series, cylindrical attachment, carbide tipped for masonry drill.





Box | C45 | HM | 8039

Bricks | Concrete | Stones | Ceramic | Drywall | Percussion | Portable Drill

Art.	ø	L	l	Stem	Pack
P050/06	6 mm	400 mm	240 mm	Ø 4,5 mm	5
P050/08	8 mm	400 mm	240 mm	Ø 7 mm	5
P050/09	9 mm	400 mm	240 mm	Ø 7 mm	5
P050/10	10 mm	400 mm	240 mm	Ø 7 mm	5
P050/12	12 mm	400 mm	240 mm	Ø 9 mm	5
P050/14	14 mm	400 mm	240 mm	Ø 10 mm	5
P050/16	16 mm	400 mm	240 mm	Ø 12 mm	5
P050/18	18 mm	400 mm	240 mm	Ø 12,5 mm	5
P050/20	20 mm	400 mm	240 mm	Ø 12,5 mm	5

P051-

CARBIDE DRILL FOR GRANITE AND MARBLE

Cylindrical attachment, specific for drilling marble and granite with hard metal insert for rotary percussion.





Box | C45 | HM | 8039 | Granite | Marble | Percussion | Portable Drill

Art.	ø	L	l	Stem	Pack
P051/03	3 mm	70 mm	40 mm	Ø 2,5 mm	10
P051/04	4 mm	75 mm	40 mm	Ø 3,5 mm	10
P051/05	5 mm	85 mm	40 mm	Ø 4,5 mm	10
P051/06	6 mm	100 mm	55 mm	Ø 5,5 mm	10
P051/07	7 mm	100 mm	55 mm	Ø 5,5 mm	10
P051/08	8 mm	120 mm	70 mm	Ø 6,5 mm	5
P051/09	9 mm	120 mm	70 mm	Ø 8 mm	5
P051/10	10 mm	120 mm	70 mm	Ø 9 mm	5
P051/12	12 mm	150 mm	90 mm	Ø 10 mm	5
P051/14	14 mm	150 mm	90 mm	Ø 12 mm	5
P051/16	16 mm	150 mm	90 mm	Ø 12 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	5 x 110 mm	10
P063/6110	6 x 110 mm	10
P063/6160	6 x 160 mm	10
P063/8110	8 x 110 mm	10
P063/8160	8 x 160 mm	10
P063/9160	9 x 160 mm	10
P063/10160	10 x 160 mm	10
P063/12160	12 x 160 mm	10
P063/12300	12 x 300 mm	10
P063/14160	14 x 160 mm	10
P063/14300	14 x 300 mm	10
P063/15160	15 x 160 mm	10
P063/16160	16 x 160 mm	10
P063/16300	16 x 300 mm	10
P063/16450	16 x 450 mm	5
P063/18160	18 x 160 mm	5
P063/18300	18 x 300 mm	5
P063/18450	18 x 450 mm	5
P063/20160	20 x 160 mm	5
P063/20450	20 x 450 mm	5
P063/22450	22 x 450 mm	5
P063/24450	24 x 450 mm	5

0332

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.



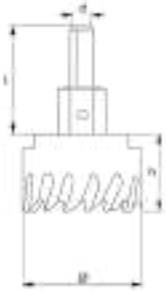
12 Pcs | Carrying case | C45 | HM | SDS PLUS

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	16 mm	10 mm	M12 x 1,25	2	46 mm	Ø 6 x 69 mm
P076/022	22 mm	10 mm	M12 x 1,25	3	46 mm	Ø 6 x 69 mm
P076/025	25 mm	10 mm	M12 x 1,25	3	46 mm	Ø 6 x 69 mm
P076/027	27 mm	10 mm	M12 x 1,25	4	46 mm	Ø 6 x 69 mm
P076/030	30 mm	10 mm	M12 x 1,25	4	46 mm	Ø 6 x 69 mm
P076/035	35 mm	10 mm	M12 x 1,25	4	46 mm	Ø 6 x 69 mm
P076/038	38 mm	10 mm	M12 x 1,25	4	46 mm	Ø 6 x 69 mm
P076/040	40 mm	10 mm	M12 x 1,25	5	46 mm	Ø 6 x 69 mm
P076/045	45 mm	10 mm	M12 x 1,25	5	46 mm	Ø 6 x 69 mm
P076/050	50 mm	10 mm	M12 x 1,25	6	46 mm	Ø 6 x 69 mm
P076/055	55 mm	12 mm	M16 x 1,5	6	46 mm	Ø 8 x 69 mm
P076/060	60 mm	12 mm	M16 x 1,5	7	46 mm	Ø 8 x 69 mm
P076/065	65 mm	12 mm	M16 x 1,5	7	46 mm	Ø 8 x 69 mm
P076/070	70 mm	12 mm	M16 x 1,5	8	46 mm	Ø 8 x 69 mm
P076/080	80 mm	12 mm	M16 x 1,5	8	46 mm	Ø 8 x 69 mm
P076/085	85 mm	12 mm	M16 x 1,5	9	46 mm	Ø 8 x 69 mm
P076/090	90 mm	12 mm	M16 x 1,5	9	46 mm	Ø 8 x 69 mm
P076/095	95 mm	12 mm	M16 x 1,5	10	46 mm	Ø 8 x 69 mm
P076/100	100 mm	12 mm	M16 x 1,5	11	46 mm	Ø 8 x 69 mm
P076/110	110 mm	12 mm	M16 x 1,5	11	46 mm	Ø 8 x 69 mm
P076/125	125 mm	12 mm	M16 x 1,5	12	46 mm	Ø 8 x 69 mm
P076/150	150 mm	12 mm	M16 x 1,5	15	46 mm	Ø 8 x 69 mm

P076/006S

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

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	10 mm	46 mm	M12 x 1,25	16-50
P076/G16	12 mm	46 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	6 mm	69 mm	16-50	10
P076/P16	8 mm	69 mm	55-150	10

P031/06P

PILOT TIP

For item P031-



Hangable | HSS | HM

Diameter	Ø 6 mm	**Stem**	Ø 5 mm
Length	100 mm	**Pack**	10

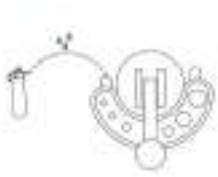
P031-

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.







Hangable | Ceramic | Granite | Marble | Stoneware | No Percussion | Water | Portable Drill

Art.	Size	Hex drive	Total length	Diamond height	Grit
P031/05	Ø 5 mm	8,5 mm	56 mm	2 mm	50/60
P031/06	Ø 6 mm	8,5 mm	56 mm	2 mm	50/60
P031/07	Ø 7 mm	8,5 mm	56 mm	2 mm	50/60
P031/08	Ø 8 mm	8,5 mm	56 mm	2 mm	50/60
P031/10	Ø 10 mm	8,5 mm	56 mm	2 mm	50/60
P031/12	Ø 12 mm	8,5 mm	56 mm	2 mm	50/60
P031/14	Ø 14 mm	8,5 mm	56 mm	2 mm	50/60
P031/16	Ø 16 mm	11 mm	90 mm	5 mm	35/40
P031/18	Ø 18 mm	11 mm	90 mm	5 mm	35/40
P031/20	Ø 20 mm	11 mm	90 mm	5 mm	35/40
P031/22	Ø 22 mm	11 mm	90 mm	5 mm	35/40
P031/25	Ø 25 mm	11 mm	90 mm	5 mm	35/40
P031/28	Ø 28 mm	11 mm	90 mm	5 mm	35/40
P031/30	Ø 30 mm	11 mm	90 mm	5 mm	35/40
P031/32	Ø 32 mm	11 mm	90 mm	5 mm	35/40
P031/35	Ø 35 mm	11 mm	90 mm	5 mm	35/40
P031/40	Ø 40 mm	11 mm	90 mm	5 mm	35/40
P031/45	Ø 45 mm	11 mm	90 mm	5 mm	35/40
P031/50	Ø 50 mm	11 mm	90 mm	5 mm	35/40
P031/60	Ø 60 mm	11 mm	90 mm	5 mm	35/40
P031/65	Ø 65 mm	11 mm	90 mm	5 mm	35/40
P031/67	Ø 67 mm	11 mm	90 mm	5 mm	35/40
P031/70	Ø 70 mm	11 mm	90 mm	5 mm	35/40
P031/80	Ø 80 mm	11 mm	90 mm	5 mm	35/40

P031/03S

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

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

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 | Carrying case

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	Ø 5 mm	9,5 mm	80 mm	10 mm	40
P033/06	Ø 6 mm	9,5 mm	80 mm	10 mm	40
P033/08	Ø 8 mm	9,5 mm	80 mm	10 mm	40
P033/10	Ø 10 mm	9,5 mm	80 mm	10 mm	40
P033/12	Ø 12 mm	9,5 mm	80 mm	10 mm	40
P033/14	Ø 14 mm	12,5 mm	80 mm	10 mm	40
P033/16	Ø 16 mm	12,5 mm	80 mm	10 mm	40
P033/18	Ø 18 mm	12,5 mm	80 mm	10 mm	40
P033/20	Ø 20 mm	12,5 mm	80 mm	10 mm	40
P033/22	Ø 22 mm	12,5 mm	80 mm	10 mm	40
P033/25	Ø 25 mm	12,5 mm	80 mm	10 mm	40

P033/03S

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.





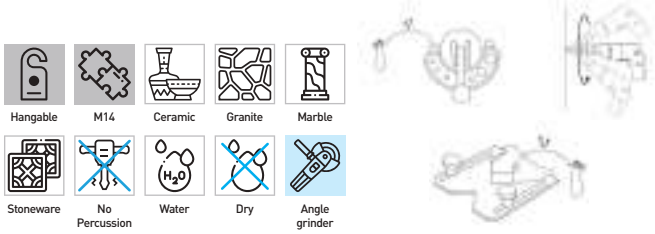
Sizes	Ø 6 mm - 8 mm - 10 mm		
Hex drive	9,5 mm	**Diamond height**	10 mm
Total length	80 mm	**Grit**	40

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	Ø 6 mm	62 mm	10 mm	30/50
P034/008	Ø 8 mm	62 mm	10 mm	30/50
P034/010	Ø 10 mm	62 mm	10 mm	30/50
P034/012	Ø 12 mm	62 mm	10 mm	30/50
P034/014	Ø 14 mm	62 mm	10 mm	30/50
P034/016	Ø 16 mm	62 mm	15 mm	30/50
P034/018	Ø 18 mm	62 mm	15 mm	30/50
P034/020	Ø 20 mm	60 mm	15 mm	30/50
P034/022	Ø 22 mm	60 mm	15 mm	30/50
P034/025	Ø 25 mm	60 mm	10 mm	30/50
P034/028	Ø 28 mm	60 mm	15 mm	30/50
P034/030	Ø 30 mm	60 mm	15 mm	30/50
P034/032	Ø 32 mm	60 mm	15 mm	30/50
P034/035	Ø 35 mm	60 mm	15 mm	30/50
P034/040	Ø 40 mm	60 mm	15 mm	30/50
P034/045	Ø 45 mm	60 mm	15 mm	30/50
P034/050	Ø 50 mm	60 mm	15 mm	30/50
P034/055	Ø 55 mm	60 mm	15 mm	30/50
P034/060	Ø 60 mm	60 mm	15 mm	30/50
P034/065	Ø 65 mm	60 mm	15 mm	30/50
P034/067	Ø 67 mm	60 mm	15 mm	30/50
P034/070	Ø 70 mm	60 mm	15 mm	30/50
P034/080	Ø 80 mm	60 mm	15 mm	30/50
P034/090	Ø 90 mm	60 mm	15 mm	30/50
P034/100	Ø 100 mm	60 mm	15 mm	30/50

P034/05S

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	**Diamond height**	10 mm
Total length	62 mm	**Grit**	30/50

P034/06S

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	**Diamond height**	15 mm
Total length	60 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	Ø 5 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/06	Ø 6 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/08	Ø 8 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/10	Ø 10 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/12	Ø 12 mm	Ø 6 mm	65 mm	5 mm	60/80
P035/14	Ø 14 mm	Ø 6 mm	65 mm	5 mm	60/80

P035/04S

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

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
Cutting Depth	30 mm

Diamond height	3 mm
Grit	70/80

D009/5-12

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

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

DIAMOND MOUNTED POINT SET

Suitable for engraving, writing or finishing thanks to the various geometries available.



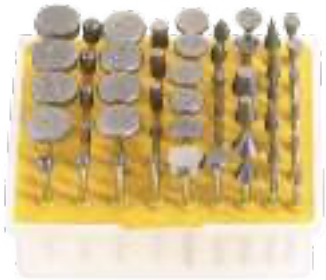
20 Pcs | Box

Stem	Ø 3 mm
Length	45 mm

D050

DIAMOND MOUNTED POINT AND DISC SET

Suitable for engraving, writing or finishing thanks to the various geometries available.



50 Pcs | Box

Stem	Ø 3 mm
Length	45 mm

P052-

BRAD POINT WOODWORKING DRILLS

Double helix, with centering tip allows exact positioning of the hole.



Hangable | HSS | DIN 7487 | Wood | Multilayer | Chipboard | Lathe | Mill | Drill

Art.	ø	Total length	Flute length	Pack
P052/03	3 mm	61 mm	33 mm	5
P052/04	4 mm	75 mm	43 mm	5
P052/05	5 mm	86 mm	52 mm	5
P052/06	6 mm	93 mm	57 mm	5
P052/07	7 mm	109 mm	69 mm	5
P052/08	8 mm	117 mm	75 mm	5
P052/09	9 mm	125 mm	81 mm	1
P052/10	10 mm	133 mm	87 mm	1
P052/11	11 mm	142 mm	94 mm	1
P052/12	12 mm	151 mm	101 mm	1
P052/13	13 mm	151 mm	101 mm	1
P052/14	14 mm	160 mm	108 mm	1
P052/15	15 mm	169 mm	114 mm	1
P052/16	16 mm	178 mm	120 mm	1
P052/17	17 mm	184 mm	125 mm	1
P052/18	18 mm	191 mm	130 mm	1
P052/19	19 mm	198 mm	135 mm	1
P052/20	20 mm	205 mm	140 mm	1

P052/08S

BRAD POINT WOODWORKING DRILLS SET

Double helix, with centering tip allows exact positioning of the hole.



8 Pcs | Hangable | HSS | DIN 7487

Size	3 ÷ 10 mm

0238

HOLE SAW SET FOR WOOD



10 Pcs | Box | Steel | Plastic | Plexiglass

Sizes	Ø 22 - 29 - 32 - 38 - 44 - 51 - 57 - 67 mm

0463

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	Ø 6 - 8 - 10 - 12 - 14 - 16 mm	L	Ø 16 x 50 mm
0799/DXC	Ø 6 - 8 - 10 - 12 - 14 - 16 mm	R	Ø 16 x 50 mm

0087

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



5 Pcs | Wooden Box | C45 | HM

Drills	Ø 15 - 20 - 26 - 30 - 35 mm

0087/35

UNIVERSAL CYLINDER CARBIDE TIPPED BORING BIT



Box | C45 | HM | Wood | Multilayer | Mill

Boring bit	Ø 35 mm
Stem	Ø 8 mm

0526

TWIST DRILL AND COUNTERSINK SET WITH 1/4" HEX SHANK

1/4" hex shank with countersink for wood.

3 Pcs · Hangable · HSS · Wood · Multilayer · Chipboard · Mill · Drill



Drills	2,75 - 3,25 - 3,5 mm
Shank	1/4"

0524

1/4" DR. DRILL BIT HOLDER SET

To speed up the work by replacing the tips quickly.

10 Pcs · Hangable · C45 · 1/4"



Sizes	3-3,5-4-4,5-5-5,5-6-6,5-8-10 mm
Shank	1/4"

0835/15

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves.

15 Pcs · Wooden Box · HM · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm

0830

CARBIDE TIPPED ROUTER BIT SET

For professional woodworking such as edges, trimmings, grooves.

35 Pcs · Wooden Box · HM · Wood · Multilayer · Chipboard · Mill



Stem	Ø 6 mm



M015S

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 0,5 - M4 x 0,7 - M5 x 0,8 - M6 x 1 - M8 x 1,2 - M10 x 1,5 - M12 x 1,75
Drills	Ø 2,5 - Ø 3,3 - Ø 4,2 - Ø 5 - Ø 6,8 - Ø 8,5 - Ø 10,2

M312/P

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

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

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

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

TAP AND DIE METRIC SET

With round die-stock, adjustable tap holder and screw pitch gauge.



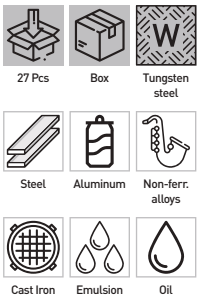
32 Pcs · Hangable · HSS · Steel · Aluminum · Non-ferr. alloys · Cast Iron · Oil · Manual use

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

TAP AND DIE SET

With twist drills and ratchet tap-die holder.





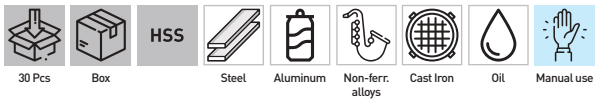
Ratchet handle	200 mm
Socket	Maschi 5 - 7,5 mm | Filiere 25 x 9 mm
Taps	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Dies	M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75
Drills	2,5 - 3,3 - 4,2 - 5 - 6,8 - 8,5 - 10,3 mm
Screwdriver	6,5 x 50 mm
Screwdriver	3 x 50 mm

M030

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

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.

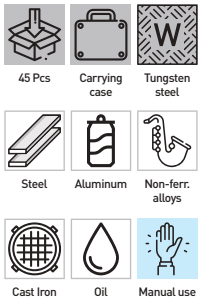




M100

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

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.

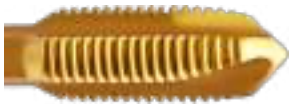




TAPPING
TYPE OF GROOVES

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

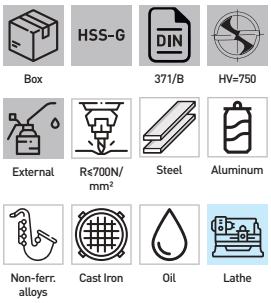


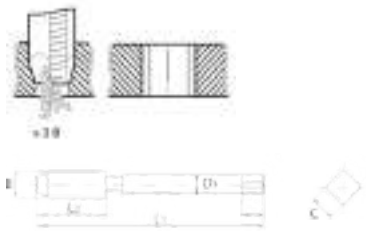
M001-X

MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

Isometric thread coarse pitch - reinforced shank.







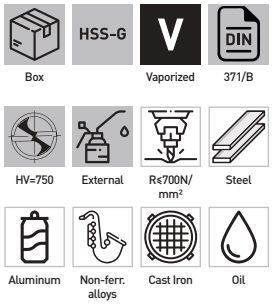
Art.	B	L2	L1	D2	C
M001/3	M3 x 0,50	13 mm	56 mm	3,5 mm	2,7 mm
M001/4	M4 x 0,70	13 mm	66 mm	4,5 mm	3,4 mm
M001/5	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M001/6	M6 x 1	22 mm	85 mm	6 mm	4,9 mm
M001/8	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M001/10	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

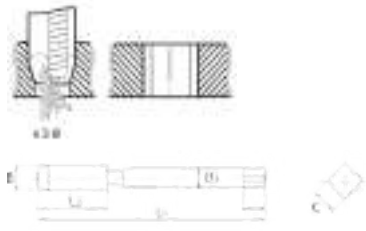
M001-XV

MACHINE TAPS STRAIGHT FLUTE, SPIRAL POINTED FOR THROUGH HOLES

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	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M001/04V	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M001/05V	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M001/06V	M6 x 1	19 mm	80 mm	6 mm	4,9 mm
M001/08V	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M001/10V	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

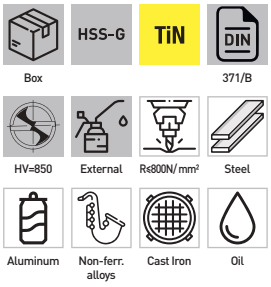
M001-XTIN

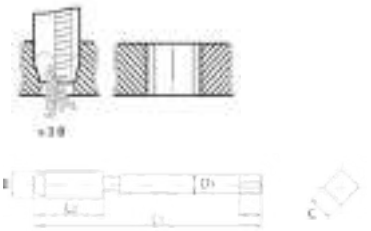
NEW

MACHINE TAPS FOR THROUGH-HOLES, CORRECTED BORE

Metric coarse pitch (MA) threading with reinforced shank: titanium nitride coating reduces friction and, consequently, the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







Art.	B	L2	L1	D2	C
M001/03TIN	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M001/04TIN	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M001/05TIN	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M001/06TIN	M6 x 1	19 mm	80 mm	6 mm	4,9 mm
M001/08TIN	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M001/10TIN	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

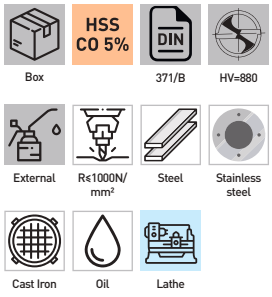
M001-XTICN

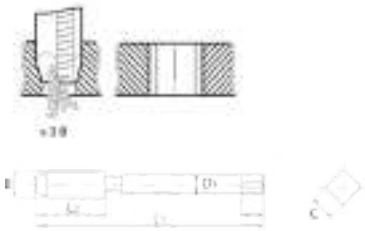
NEW

MACHINE TAPS FOR THROUGH-HOLES, CORRECTED BORE

Metric coarse pitch (MA) threading with reinforced shank: Titanium carbonitride coating combined with cobalt steel further reduces friction compared to titanium nitride coating, thereby decreasing the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







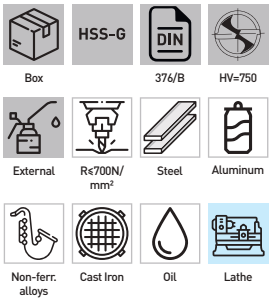
Art.	B	L2	L1	D2	C
M001/03TICN	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M001/04TICN	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M001/05TICN	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M001/06TICN	M6 x 1	19 mm	80 mm	6 mm	4,9 mm
M001/08TICN	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M001/10TICN	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

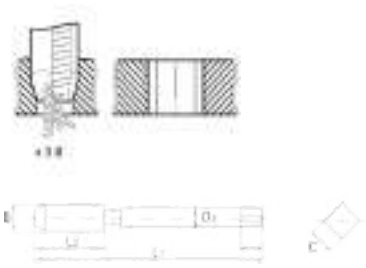
M002-

MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

Isometric thread coarse pitch.







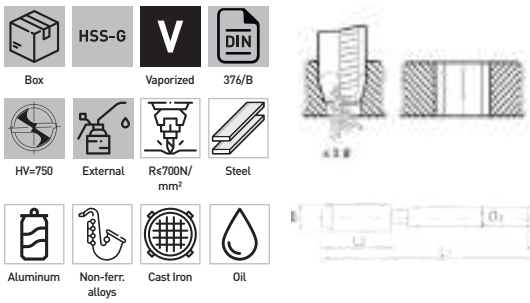
Art.	B	L2	L1	D2	C
M002/12	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M002/24	M24 x 3	38 mm	160 mm	18 mm	14,5 mm
M002/27	M27 x 3	38 mm	160 mm	20 mm	16 mm
M002/30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

M002-XV

MACHINE TAPS STRAIGHT FLUTE SPIRAL POINTED FOR THROUGH HOLES

Isometric thread coarse pitch. The vaporization treatment increases the surface hardness and wear resistance by reducing the possibility of chip sticking.





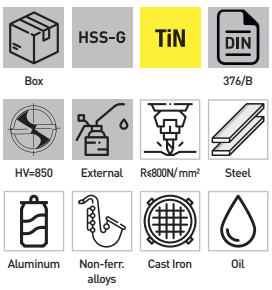
Art.	B	L2	L1	D2	C
M002/12V	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14V	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16V	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18V	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20V	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22V	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M002/24V	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

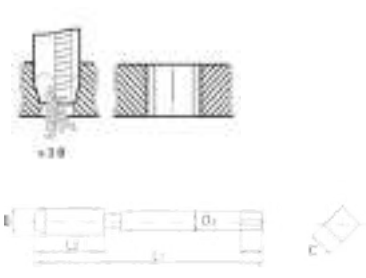
M002-XTIN NEW

MACHINE TAPS FOR THROUGH-HOLES, CORRECTED BORE

Metric coarse pitch (MA), titanium nitride coating reduces friction and, consequently, the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







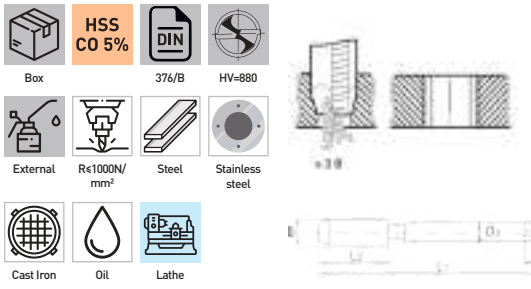
Art.	B	L2	L1	D2	C
M002/12TIN	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14TIN	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16TIN	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18TIN	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20TIN	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22TIN	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M002/24TIN	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

M002-XTICN NEW

MACHINE TAPS FOR THROUGH-HOLES, CORRECTED BORE

Metric coarse pitch (MA), Titanium carbonitride coating combined with cobalt steel further reduces friction compared to titanium nitride coating, thereby decreasing the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production, especially on tough and highly abrasive materials.





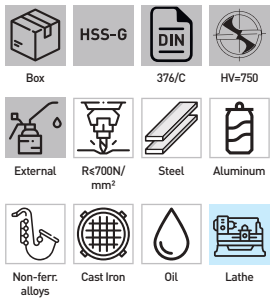
Art.	B	L2	L1	D2	C
M002/12TICN	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M002/14TICN	M14 x 2	30 mm	110 mm	11 mm	9 mm
M002/16TICN	M16 x 2	32 mm	110 mm	12 mm	9 mm
M002/18TICN	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M002/20TICN	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M002/22TICN	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M002/24TICN	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

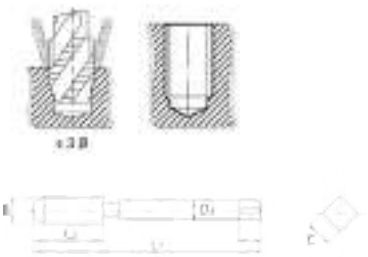
M003-

MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

Isometric thread coarse pitch - reinforced shank.







Art.	B	L2	L1	D2	C
M003/3	M3 x 0,50	11 mm	59 mm	3,5 mm	2,7 mm
M003/4	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M003/5	M5 x 0,80	18 mm	74 mm	6 mm	4,9 mm
M003/6	M6 x 1	22 mm	80 mm	6 mm	4,9 mm
M003/8	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M003/10	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

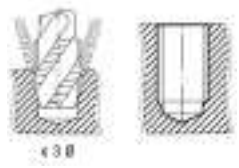
M003-XV

MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

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
M003/03V	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M003/04V	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M003/05V	M5 x 0,80	16 mm	75 mm	6 mm	4,9 mm
M003/06V	M6 x 1	22 mm	86 mm	6 mm	4,9 mm
M003/08V	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M003/10V	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

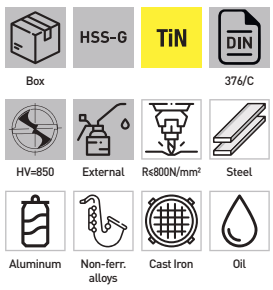
M003-XTIN

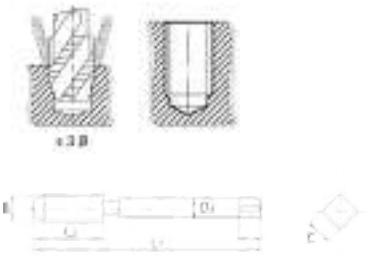
NEW

MACHINE TAPS FOR HIGH-TWIST BLIND HOLES 35°

Metric coarse pitch (MA) threading with reinforced shank: Titanium carbonitride coating combined with cobalt steel further reduces friction compared to titanium nitride coating, thereby decreasing the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







Art.	B	L2	L1	D2	C
M003/03TIN	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M003/04TIN	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M003/05TIN	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M003/06TIN	M6 x 1	19 mm	80 mm	6 mm	4,9 mm
M003/08TIN	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M003/10TIN	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

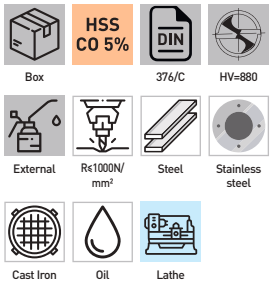
M003-XTICN

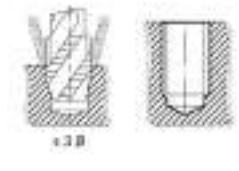
NEW

MACHINE TAPS FOR HIGH-TWIST BLIND HOLES 35°

Metric coarse pitch (MA) threading with reinforced shank: Titanium carbonitride coating combined with cobalt steel further reduces friction compared to titanium nitride coating, thereby decreasing the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







Art.	B	L2	L1	D2	C
M003/03TICN	M3 x 0,50	11 mm	56 mm	3,5 mm	2,7 mm
M003/04TICN	M4 x 0,70	13 mm	63 mm	4,5 mm	3,4 mm
M003/05TICN	M5 x 0,80	16 mm	70 mm	6 mm	4,9 mm
M003/06TICN	M6 x 1	19 mm	80 mm	6 mm	4,9 mm
M003/08TICN	M8 x 1,25	22 mm	90 mm	8 mm	6,2 mm
M003/10TICN	M10 x 1,5	24 mm	100 mm	10 mm	8 mm

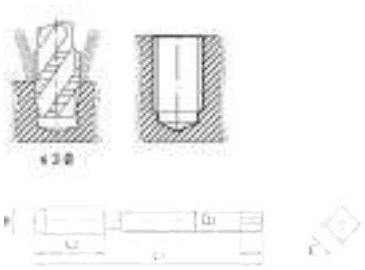
M003-XXX

MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

Isometric thread coarse pitch.







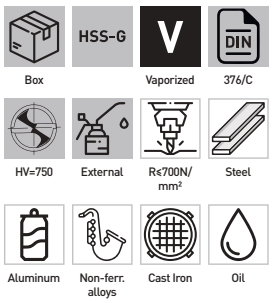
Art.	B	L2	L1	D2	C
M003/12	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M003/24	M24 x 3	38 mm	160 mm	18 mm	14,5 mm
M003/27	M27 x 3	38 mm	160 mm	20 mm	16 mm
M003/30	M30 x 3,5	45 mm	180 mm	22 mm	18 mm

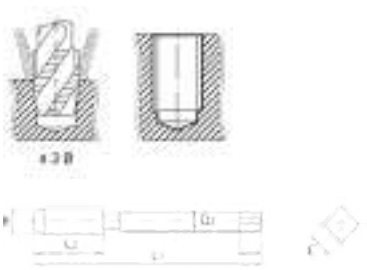
M003-XXV

MACHINE TAPS SPIRAL FLUTE FOR BLIND HOLES 35°

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
M003/12V	M12 x 1,75	29 mm	110 mm	9 mm	7 mm
M003/14V	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16V	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18V	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20V	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22V	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M003/24V	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

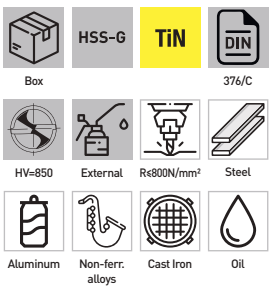
M003-XXTIN

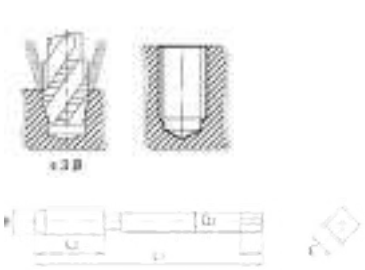
NEW

MACHINE TAPS FOR HIGH-TWIST BLIND HOLES 35°

Metric coarse pitch (MA), titanium nitride coating reduces friction and, consequently, the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







Art.	B	L2	L1	D2	C
M003/12TIN	M12 x 1,75	28 mm	110 mm	9 mm	7 mm
M003/14TIN	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16TIN	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18TIN	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20TIN	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22TIN	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M003/24TIN	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

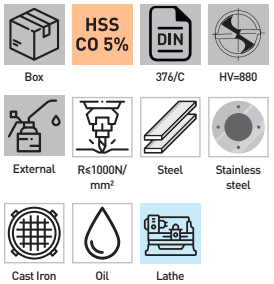
M003-XXTICN

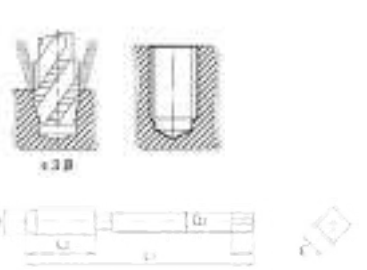
NEW

MACHINE TAPS FOR HIGH-TWIST BLIND HOLES 35°

Metric coarse pitch (MA), Titanium carbonitride coating combined with cobalt steel further reduces friction compared to titanium nitride coating, thereby decreasing the amount of energy required for chip removal and tool temperature. This results in longer tool life, reduced machining time and lower motor energy consumption for the same production.







Art.	B	L2	L1	D2	C
M003/12TICN	M12 x 1,75	28 mm	110 mm	9 mm	7 mm
M003/14TICN	M14 x 2	30 mm	110 mm	11 mm	9 mm
M003/16TICN	M16 x 2	32 mm	110 mm	12 mm	9 mm
M003/18TICN	M18 x 2,5	34 mm	125 mm	14 mm	11 mm
M003/20TICN	M20 x 2,5	34 mm	140 mm	16 mm	12 mm
M003/22TICN	M22 x 2,5	34 mm	140 mm	18 mm	14,5 mm
M003/24TICN	M24 x 3	38 mm	160 mm	18 mm	14,5 mm

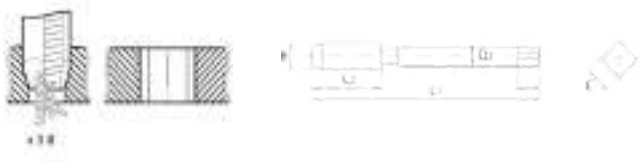
M002-MXMFV

NEW

MACHINE TAPS FOR THROUGH-HOLES, CORRECTED BORE, FINE PITCH

Metric fine pitch (MF) thread, steaming treatment increases surface hardness and wear resistance by reducing the possibility of chip sticking.







Box | HSS-G | Vaporized | 374/B | HV=750 | External | R≤700N/mm² | Steel

Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

Art.	B	L2	L1	D2	C
M002/M05X050MFV	M5 x 0,50	12 mm	70 mm	3,5 mm	2,7 mm
M002/M06X075MFV	M6 x 0,75	14 mm	80 mm	4,5 mm	3,4 mm
M002/M08X075MFV	M8 x 0,75	19 mm	80 mm	6 mm	4,9 mm
M002/M08X100MFV	M8 x 1,00	22 mm	90 mm	6 mm	4,9 mm
M002/M10X100MFV	M10 x 1,00	20 mm	90 mm	7 mm	5,5 mm
M002/M10X125MFV	M10 x 1,25	24 mm	100 mm	7 mm	5,5 mm
M002/M12X100MFV	M12 x 1,00	22 mm	100 mm	9 mm	7 mm
M002/M12X125MFV	M12 x 1,25	22 mm	100 mm	9 mm	7 mm
M002/M12X150MFV	M12 x 1,50	22 mm	100 mm	9 mm	7 mm
M002/M14X150MFV	M14 x 1,50	22 mm	100 mm	11 mm	9 mm
M002/M16X150MFV	M16 x 1,50	22 mm	100 mm	12 mm	9 mm
M002/M18X150MFV	M18 x 1,50	25 mm	110 mm	14 mm	11 mm
M002/M20X150MFV	M20 x 1,50	25 mm	125 mm	16 mm	12 mm
M002/M22X150MFV	M22 x 1,50	25 mm	125 mm	18 mm	14,5 mm
M002/M24X150MFV	M24 x 1,50	28 mm	140 mm	18 mm	14,5 mm
M002/M30X150MFV	M30 x 1,50	28 mm	150 mm	22 mm	18 mm

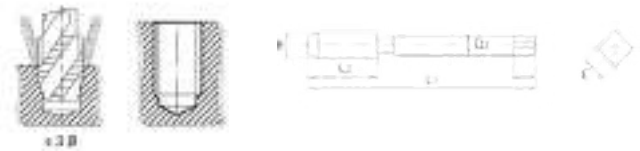
M003-MXMFV

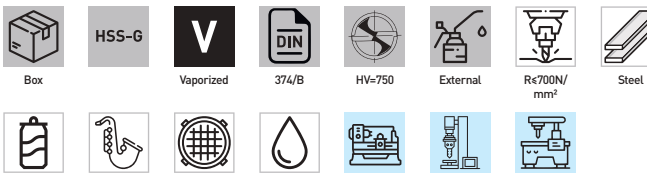
NEW

MACHINE TAPS FOR HIGH-TWIST BLIND HOLES 35°, FINE PITCH

Metric fine pitch (MF) thread, steaming treatment increases surface hardness and wear resistance by reducing the possibility of chip sticking.







Box | HSS-G | Vaporized | 374/B | HV=750 | External | R≤700N/mm² | Steel

Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Drill press

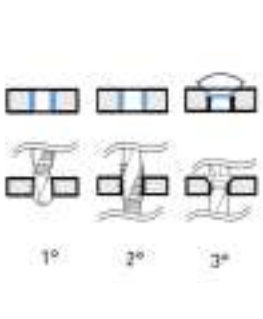
Art.	B	L2	L1	D2	C
M003/M05X050MFV	M5 x 0,50	8 mm	70 mm	3,5 mm	2,7 mm
M003/M06X075MFV	M6 x 0,75	8 mm	80 mm	4,5 mm	3,4 mm
M003/M08X075MFV	M8 x 0,75	8 mm	80 mm	6 mm	4,9 mm
M003/M08X100MFV	M8 x 1	10 mm	90 mm	6 mm	4,9 mm
M003/M10X100MFV	M10 x 1	10 mm	90 mm	7 mm	5,5 mm
M003/M10X125MFV	M10 x 1,25	16 mm	100 mm	7 mm	5,5 mm
M003/M12X100MFV	M12 x 1	11 mm	100 mm	9 mm	7 mm
M003/M12X125MFV	M12 x 1,25	15 mm	100 mm	9 mm	7 mm
M003/M12X150MFV	M12 x 1,50	15 mm	100 mm	9 mm	7 mm
M003/M14X150MFV	M14 x 1,50	15 mm	100 mm	11 mm	9 mm
M003/M16X150MFV	M16 x 1,50	15 mm	100 mm	12 mm	9 mm
M003/M18X150MFV	M18 x 1,50	17 mm	110 mm	14 mm	11 mm
M003/M20X150MFV	M20 x 1,50	17 mm	125 mm	16 mm	12 mm
M003/M22X150MFV	M22 x 1,50	20 mm	125 mm	18 mm	14,5 mm
M003/M24X150MFV	M24 x 1,50	15 mm	140 mm	18 mm	14,5 mm
M003/M30X150MFV	M30 x 1,50	22 mm	150 mm	22 mm	18 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.





HSS · Box · Steel · Aluminum · Non-ferr. alloys · Cast Iron

Art.	Taps	Shank	Dimensions
0890/M3	M3 x 0,5	1/4"	52 mm
0890/M4	M4 x 0,7	1/4"	52 mm
0890/M5	M5 x 0,8	1/4"	54 mm
0890/M6	M6 x 1	1/4"	56 mm
0890/M8	M8 x 1,25	1/4"	58 mm
0890/M10	M10 x 1,5	1/4"	60 mm

0890

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 · 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

0897-

HARD METAL TAP CRUSHER TOOL

For removing broken taps inside holes. Cylindrical shank with hexagon for housing in the spindle, and self-centering cutting edge.





Box · HM · TiAlN

Art.	L	l	Taps	Stem
0897/M3	38 mm	10 mm	M3	3 mm
0897/M4	46 mm	15 mm	M4	4 mm
0897/M5	50 mm	19 mm	M5	5 mm
0897/M6	50 mm	23 mm	M6	6 mm
0897/M8	60 mm	23 mm	M8	7 mm
0897/M10	100 mm	25 mm	M10	9 mm
0897/M12	100 mm	35mm	M12	12 mm

G002-

ADJUSTABLE TAP HOLDER

With hardened jaws, a handle that can be unscrewed to carry out jobs with tight dimensions.



Blister · HSS-G · DIN 1814

Art.	Taps	Square
G002/1	M1 ÷ M10	1,75 ÷ 5,5
G002/2	M4 ÷ M12	2,4 ÷ 8 mm
G002/3	M5 ÷ M20	2,7 ÷ 12

G003-

RATCHET TAP HOLDER

In right-hand, left-hand or fixed position. Equipped with a level on the head to facilitate correct alignment of the tap with the bore.



Blister · HSS-G

Art.	Length	Taps	Square
G003/1	85 mm	M3 ÷ M8	1,75 ÷ 5,5 mm
G003/2	100 mm	M5 ÷ M12	4 ÷ 8 mm
G003/3	250 mm	M3 ÷ M8	2,7 ÷ 5 mm
G003/4	300 mm	M5 ÷ M12	4,9 ÷ 8 mm

G011-

TAP HOLDER WITH PILOT SPINDLE

Equipped with a centring guide pin, which allows it to be fixed on machine tool spindles in order to maintain the straightness of the tap with respect to the previously drilled pre-drilled hole.



Box · Steel

Art.	Taps	Square	Cylindric shank
G011/1	M2 ÷ M6	3 ÷ 5 mm	Ø 6,25 mm
G011/2	M6 ÷ M12	5 ÷ 12 mm	Ø 7,60 mm

F123

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

With 3 die fixing screws, 1 unscrewable handle to carry out jobs with tight dimensions.



Blister | HSS-G | DIN 225

Art.	Die dimensions	For dies
G001/20	20 x 7 mm	M4,5 ÷ M6
G001/25	25 x 9 mm	M7 ÷ M9
G001/30	30 x 11 mm	M10 ÷ M11
G001/38	38 x 14 mm	M12 ÷ M14
G001/45	45 x 18 mm	M16 ÷ M20
G001/55	55 x 22 mm	M22 ÷ M24

F121-

METRIC DIE FOR COARSE PITCH

With correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction.



Box | HSS | DIN 223 | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	Pitch	Dimensions
F121/03	3 x 0,5 mm	Ø 20 x 5 mm
F121/04	4 x 0,7 mm	Ø 20 x 5 mm
F121/05	5 x 0,8 mm	Ø 20 x 7 mm
F121/06	6 x 1 mm	Ø 20 x 7 mm
F121/08	8 x 1,25 mm	Ø 25 x 9 mm
F121/10	10 x 1,5 mm	Ø 30 x 11 mm
F121/12	12 x 1,75 mm	Ø 38 x 14 mm
F121/14	14 x 2 mm	Ø 38 x 14 mm
F121/16	16 x 2 mm	Ø 45 x 18 mm
F121/18	18 x 2,5 mm	Ø 45 x 18 mm
F121/20	20 x 2,5 mm	Ø 45 x 18 mm

F122-

DIE GAS THREAD

With correct entry on both sides to facilitate the execution of the thread and correctly evacuate the shavings in the cutting direction.



Box | HSS | DIN 5158/B | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Manual use

Art.	Pitch	Dimensions
F122/1/8	G1/8-28	Ø 30 x 11 mm
F122/1/4	G1/4-19	Ø 38 x 10 mm
F122/3/8	G3/8-19	Ø 45 x 14 mm
F122/1/2	G1/2-14	Ø 45 x 14 mm
F122/5/8	G5/8-14	Ø 55 x 16 mm
F122/3/4	G3/4-14	Ø 55 x 16 mm
F122/7/8	G7/8-14	Ø 65 x 18 mm
F122/1	G1-11	Ø 65 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

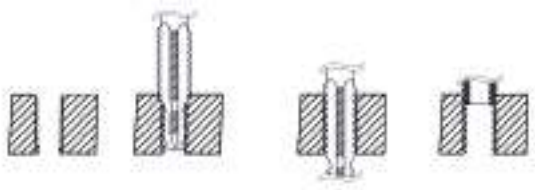
Once the thread-insert has been installed, break off the retention stud bolt.
In order to break it, the specific breaking tool must be used.
From a thread size of M14 onwards, it is possible to perform this operation with the use of a clamp where the pitch size permits.





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

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 - 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

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 - 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

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 - 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	M5	5,2 mm	x M5	2
E010/M06	M6	6,3 mm	x M6	2
E010/M08	M8	8,3 mm	x M8	2
E010/M10	M10	10,4 mm	x M10	2
E010/M12	M12	12,4 mm	x M12	2
E010/M14	M14 x 1,25	14,4 mm	x M14 x 1,25	2

E011A

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 - 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

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 - 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

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 - 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

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

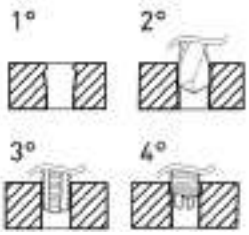
Sizes	M6 - M14
STI Taps	M6 x 1 - M8 x 1,25 - M10 x 1,5 - M12 x 1,75 - M14 x 1,25
Drills	6,3 mm - 8,3 mm - 10,4 mm - 12,4 mm
Wire-thread inserts	M6|25 Pcs - M8|25 Pcs - M10|25 Pcs - M12|10 Pcs - M14|10 Pcs
Inserting tool	5 Pcs
Tang break tool	4 Pcs

E011-MX1

METRIC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.





Hangable HSS INOX

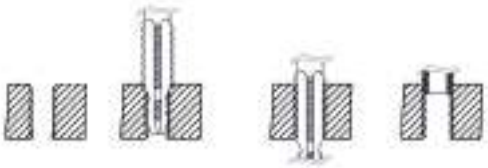
Art.	Dimensions	Boring bit	STI Taps	Inserting tool	Tang break tool	Inserts quantity
E011/M020X040	M 2 x 0,4	Ø 2,1 mm	E011/M020X040M	E011/U02	E011/A02	20
E011/M025X045	M 2,5 x 0,45	Ø 2,6 mm	E011/M025X045M	E011/U03	E011/A03	20
E011/M030X050	M 3 x 0,5	Ø 3,2 mm	E011/M030X050M	E011/U04	E011/A04	20
E011/M035X060	M 3,5 x 0,6	Ø 3,7 mm	E011/M035X060M	E011/U05	E011/A05	20
E011/M040X070	M 4 x 0,7	Ø 4,2 mm	E011/M040X070M	E011/U06	E011/A06	20
E011/M050X080	M 5 x 0,8	Ø 5,2 mm	E011/M050X080M	E011/U08	E011/A08	20
E011/M060X100	M 6 x 1,0	Ø 6,3 mm	E011/M060X100M	E011/U09	E011/A09	20
E011/M070X100	M 7 x 1,0	Ø 7,3 mm	E011/M070X100M	E011/U10	E011/A11	20
E011/M080X100	M 8 x 1,0	Ø 8,3 mm	E011/M080X100M	E011/U11	E011/A11	20
E011/M080X125	M 8 x 1,25	Ø 8,3 mm	E011/M080X125M	E011/U11	E011/A11	20
E011/M090X100	M 9 x 1,0	Ø 9,3 mm	E011/M090X100M	E011/U12	E011/A12	10
E011/M090X125	M 9 x 1,25	Ø 9,3 mm	E011/M090X125M	E011/U12	E011/A12	15
E011/M100X100	M 10 x 1,0	Ø 10,3 mm	E011/M100X100M	E011/U13	E011/A13	15
E011/M100X125	M 10 x 1,25	Ø 10,3 mm	E011/M100X125M	E011/U13	E011/A13	15
E011/M100X150	M 10 x 1,5	Ø 10,4 mm	E011/M100X150M	E011/U13	E011/A13	15
E011/M110X150	M 11 x 1,5	Ø 11,4 mm	E011/M110X150M	E011/U14	E011/A14	10
E011/M120X100	M 12 x 1,0	Ø 12,3 mm	E011/M120X100M	E011/U15	E011/A15	10
E011/M120X125	M 12 x 1,25	Ø 12,3 mm	E011/M120X125M	E011/U15	E011/A15	10
E011/M120X150	M 12 x 1,5	Ø 12,4 mm	E011/M120X150M	E011/U15	E011/A15	10
E011/M120X175	M 12 x 1,75	Ø 12,4 mm	E011/M120X175M	E011/U15	E011/A15	10
E011/M140X100	M 14 x 1,0	-	E011/M140X100M	E011/U16	-	10
E011/M140X125	M 14 x 1,25	-	E011/M140X125M	E011/U16	-	10
E011/M140X150	M 14 x 1,5	-	E011/M140X150M	E011/U17	-	10
E011/M140X200	M 14 x 2,0	-	E011/M140X200M	E011/U17	-	10
E011/M160X150	M 16 x 1,5	-	E011/M160X150M	E011/U18	-	10
E011/M160X200	M 16 x 2,0	-	E011/M160X200M	E011/U18	-	10
E011/M180X150	M 18 x 1,5	-	E011/M180X150M	E011/U20	-	5
E011/M180X200	M 18 x 2,0	-	E011/M180X200M	E011/U20	-	5
E011/M180X250	M 18 x 2,5	-	E011/M180X250M	E011/U20	-	5
E011/M200X150	M 20 x 1,5	-	E011/M200X150M	E011/U21	-	5
E011/M200X200	M 20 x 2,0	-	E011/M200X200M	E011/U21	-	5
E011/M200X250	M 20 x 2,5	-	E011/M200X250M	E011/U21	-	5
E011/M220X150	M 22 x 1,5	-	E011/M220X150M	E011/U22	-	5
E011/M220X200	M 22 x 2,0	-	E011/M220X200M	E011/U22	-	5
E011/M220X250	M 22 x 2,5	-	E011/M220X250M	E011/U22	-	5
E011/M240X150	M 24 x 1,5	-	E011/M240X150M	E011/U23	-	5
E011/M240X200	M 24 x 2,0	-	E011/M240X200M	E011/U23	-	5
E011/M240X300	M 24 x 2,0	-	E011/M240X300M	E011/U23	-	5

E011/M140X125B

METRIC SPARK PLUG SOLID THREAD REPAIR SET

Specific for repairs or reinforcement of spark plug seats.

17 Pcs Hangable HSS INOX





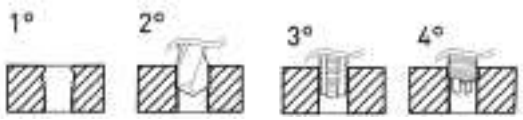
STI Taps	E011/M140X125MCB
Wire-thread inserts	4 x H 9,5 mm - 4 x H 11,2 mm - 4 x H 12,7 mm - 4 x H 17,5 mm

E011-MXC

SPARK PLUG METRIC THREAD REPAIR F-COIL SET

Specific for repairs or reinforcement of spark plug seats.

Hangable HSS INOX





Art.	Size	Inserting tool	STI Taps	Wire-thread inserts
E011/M060X100C	M 6 x 1,0	E011/U09	E011/M060X100M	10
E011/M080X125C	M 8 x 1,25	E011/U11	E011/M080X125M	10
E011/M100X100C	M 10 x 1,0	E011/U13	E011/M100X100M	10
E011/M100X125C	M 10 x 1,25	E011/U13	E011/M100X125M	10
E011/M100X150C	M 10 x 1,5	E011/U13	E011/M100X150M	10
E011/M120X125C	M 12 x 1,25	E011/U15	E011/M120X125M	10
E011/M140X125C	M 14 x 1,25	E011/U17	E011/M140X125M	5 x E010/M140X125E084 - 5 x E010/M140X125E124 - 5 x E010/M140x125E164

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.



Hangable HSS INOX

Art.	Dimensions	H	Pack
E010/M140X125E084	M14 x 1,25	8,4 mm	10
E010/M140X125E124	M14 x 1,25	12,4 mm	10
E010/M140X125E164	M14 x 1,25	16,4 mm	10

E011-M140X125EX

SOLID THREAD INSERT SPARK PLUG SET

Specific for repairs or reinforcement of spark plug seats.



Hangable HSS INOX

Art.	Size	H	Pack
E011/M140X125E095	M14 x 1,25	9,5 mm	10
E011/M140X125E112	M14 x 1,25	11,2 mm	10
E011/M140X125E127	M14 x 1,25	12,7 mm	10
E011/M140X125E175	M14 x 1,25	17,5 mm	10

E011/M140X125MCB

METRIC COMBINED TAP FOR SOLID INSERT

Specific for the creation of reset threads on spark plug seats.



HSS INOX

Size	M16 x 1,25
Hexagon	18 mm
L	70 mm
l	32mm

E011/MC

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	M8 x 1 - M10 x 1 - M10 x 1,25 - M12 x 1 - M12 x 1,25 - M14 x 1,25

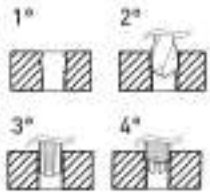
E011/BSW

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 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

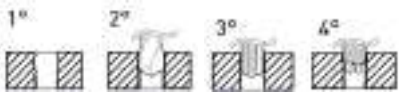




E011-BSWX

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	1/8" x 40	Ø 3,4 mm	E011/BSW1/8M	E011/U04	E011/A4	E010/BSW1/8E15	20
E011/BSW3/16	3/16" x 24	Ø 5 mm	E011/BSW3/16M	E011/U08	E011/A8	E010/BSW3/16E15	20
E011/BSW1/4	1/4" x 20	Ø 6,7 mm	E011/BSW1/4M	E011/U09	E011/A9	E010/BSW1/4E15	20
E011/BSW5/16	5/16" x 18	Ø 8,3 mm	E011/BSW5/16M	E011/U10	E011/A11	E010/BSW5/16E15	20
E011/BSW7/16	7/16" x 14	Ø 11,5 mm	E011/BSW7/16M	E011/U14	E011/A14	E010/BSW7/16E15	10
E011/BSW1/2	1/2" x 12	Ø 13 mm	E011/BSW1/2M	E011/U15	E011/A15	E010/BSW1/2E15	10
E011/BSW9/16	9/16" x 12	-	E011/BSW9/16M	E011/U16	-	E010/BSW9/16E15	10
E011/BSW5/8	5/8" x 11	-	E011/BSW5/8M	E011/U18	-	E010/BSW5/8E15	10
E011/BSW3/4	3/4" x 10	-	E011/BSW3/4M	E011/U20	-	E010/BSW3/4E15	5
E011/BSW7/8	7/8" x 9	-	E011/BSW7/8M	E011/U22	-	E010/BSW7/8E15	5
E011/BSW1	1" x 8	-	E011/BSW1M	E011/U23	-	E010/BSW1E15	4



E011/BSF

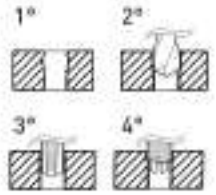
1/4-1/2 BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.



115 Pcs — Carrying case

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 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





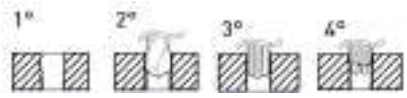
E011-BSFX

BSF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.



Hangable



Art.	Thread	Boring bit	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/BSF3/16	3/16" x 32	Ø 5 mm	E011/BSF3/16M	E011/U07	E011/A06	E010/BSF3/16E15	20
E011/BSF1/4	1/4" x 26	Ø 6,6 mm	E011/BSF1/4M	E011/U09	E011/A09	E010/BSF1/4E15	20
E011/BSF5/16	5/16" x 22	Ø 8,3 mm	E011/BSF5/16M	E011/U11	E011/A11	E010/BSF5/16E15	20
E011/BSF3/8	3/8" x 20	Ø 9,9 mm	E011/BSF3/8M	E011/U13	E011/A13	E010/BSF3/8E15	15
E011/BSF7/16	7/16" x 18	Ø 11,5 mm	E011/BSF7/16M	E011/U14	E011/A14	E010/BSF7/16E15	10
E011/BSF1/2	1/2" x 16	Ø 13 mm	E011/BSF1/2M	E011/U15	E011/A15	E010/BSF1/2E15	10
E011/BSF9/16	9/16" x 16	-	E011/BSF9/16M	E011/U16	-	E010/BSF9/16E15	10
E011/BSF5/8	5/8" x 14	-	E011/BSF5/8M	E011/U18	-	E010/BSF5/8E15	10
E011/BSF3/4	3/4" x 12	-	E011/BSF3/4M	E011/U20	-	E010/BSF3/4E15	5
E011/BSF7/8	7/8" x 11	-	E011/BSF7/8M	E011/U22	-	E010/BSF7/8E15	5
E011/BSF1	1" x 10	-	E011/BSF1M	E011/U23	-	E010/BSF1E15	4



E011/UNC

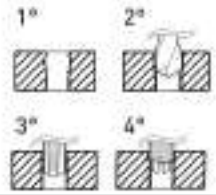
1/4-1/2 UNC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.



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 - 8,3 mm - 9,8 mm - 11,5 mm - 13 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





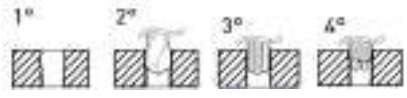
E011-UNCX

UNC THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.



Hangable



Art.	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNC1/4	1/4" x 20	Ø 6,7 mm	E011/UNC1/4M	E011/U09	E011/A09	E010/UNC1/4E15	20
E011/UNC5/16	5/16" x 18	Ø 8,3 mm	E011/UNC5/16M	E011/U10	E011/A11	E010/UNC5/16E15	20
E011/UNC3/8	3/8" x 16	Ø 9,9 mm	E011/UNC3/8M	E011/U06	E011/A06	E010/UNC3/8E15	20
E011/UNC7/16	7/16" x 14	Ø 11,6 mm	E011/UNC7/16M	E011/U14	E011/A14	E010/UNC7/16E15	10
E011/UNC1/2	1/2" x 13	Ø 13 mm	E011/UNC1/2M	E011/U15	E011/A15	E010/UNC1/2E15	10
E011/UNC9/16	9/16" x 12	-	E011/UNC9/16M	E011/U16	-	E010/UNC9/16E15	10
E011/UNC5/8	5/8" x 1	-	E011/UNC5/8M	E011/U18	-	E010/UNC5/8E15	10
E011/UNC3/4	3/4" x 10	-	E011/UNC3/4M	E011/U20	-	E010/UNC3/4E15	5
E011/UNC7/8	7/8" x 9	-	E011/UNC7/8M	E011/U22	-	E010/UNC7/8E15	5



E011/UNF

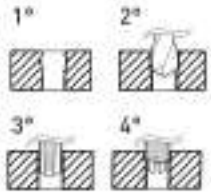
1/4-1/2 UNF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.


115 Pcs


Carrying case

HSS



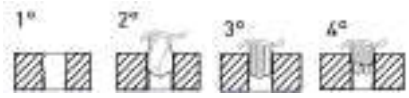


Sizes	UNF 1/4" - 1/2"
STI Taps	1/4"x28 - 5/16"x24 - 3/8"x24 - 7/16"x20 - 1/2"x20
Drills	6,7 mm - 8,3 mm - 9,8 mm - 11,5 mm - 13 mm
Wire-thread inserts	1/4"=25 - 5/16"=25 - 3/8"=25 - 7/16"=10 - 1/2"=10
Inserting tool	5 Pcs
Tang break tool	5 Pcs

E011-UNFX

UNF THREAD REPAIR F-COIL SET

Suitable for thread regeneration or to obtain very resistant tapping in soft materials.




Hangable

HSS INOX

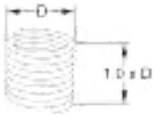


Art.	Thread	Drills	STI Taps	Inserting tool	Tang break tool	Wire-thread inserts	Inserts quantity
E011/UNFN10	No. 10 x 32	Ø 5,1 mm	E011/UNFN10M	E011/U08	E011/A08	E010/UNFN10E15	20
E011/UNF1/4	1/4" x 28	Ø 6,7 mm	E011/UNF1/4M	E011/U09	E011/A09	E010/UNF1/4E15	20
E011/UNF5/16	5/16" x 24	Ø 8,3 mm	E011/UNF5/16M	E011/U11	E011/A11	E010/UNF5/16E15	20
E011/UNF3/8	3/8" x 24	Ø 9,8 mm	E011/UNF3/8M	E011/U13	E011/A13	E010/UNF3/8E15	15
E011/UNF1/2	1/2" x 20	Ø 13 mm	E011/UNF1/2M	E011/U15	E011/A15	E010/UNF1/2E15	10
E011/UNF9/16	9/16" x 18	-	E011/UNF9/16M	E011/U16	-	E010/UNF9/16E15	10
E011/UNF5/8	5/8" x 18	-	E011/UNF5/8M	E011/U18	-	E010/UNF5/8E15	10
E011/UNF3/4	3/4" x 16	-	E011/UNF3/4M	E011/U21	-	E010/UNF3/4E15	5
E011/UNF7/8	7/8" x 14	-	E011/UNF7/8M	E011/U22	-	E010/UNF7/8E15	5
E011/UNF1	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.




Hangable

INOX



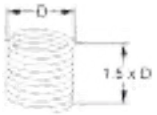
Art.	D	Pack
E010/M020X040E1	M2 x 0,4	25
E010/M022X045E1	M2,2 x 0,45	25
E010/M025X045E1	M2,5 x 0,45	25
E010/M030X050E1	M3 x 0,5	25
E010/M035X060E1	M3,5 x 0,6	25
E010/M040X070E1	M4 x 0,7	25
E010/M050X080E1	M5 x 0,8	25
E010/M060X100E1	M6 x 1	25
E010/M070X100E1	M7 x 1	25
E010/M080X100E1	M8 x 1	25
E010/M080X125E1	M8 x 1,25	25
E010/M090X125E1	M9 x 1,25	25
E010/M100X100E1	M10 x 1	25
E010/M100X125E1	M10 x 1,25	25
E010/M100X150E1	M10 x 1,5	25
E010/M110X150E1	M11 x 1,5	10
E010/M120X100E1	M12 x 1,0	10
E010/M120X125E1	M12 x 1,25	10
E010/M120X150E1	M12 x 1,5	10

Art.	D	Pack
E010/M120X175E1	M12 x 1,75	10
E010/M140X100E1	M14 x 1	10
E010/M140X125E1	M14 x 1,25	10
E010/M140X150E1	M14 x 1,5	10
E010/M140X200E1	M14 x 2	10
E010/M160X150E1	M16 x 1,5	10
E010/M160X200E1	M16 x 2	10
E010/M180X150E1	M18 x 1,5	10
E010/M180X200E1	M18 x 2	10
E010/M180X250E1	M18 x 2,5	10
E010/M200X150E1	M20 x 1,5	10
E010/M200X200E1	M20 x 2	10
E010/M200X250E1	M20 x 2,5	10
E010/M220X150E1	M22 x 1,5	5
E010/M220X200E1	M22 x 2	5
E010/M220X250E1	M22 x 2,5	5
E010/M240X150E1	M24 x 1,5	5
E010/M240X200E1	M24 x 2	5
E010/M240X300E1	M24 x 3	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.





INOX

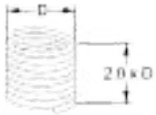
Hangable

Art.	D	Pack
E010/M020X040E15	M2 x 0,4	25
E010/M022X045E15	M2,2 x 0,45	25
E010/M025X045E15	M2,5 x 0,45	25
E010/M030X050E15	M3 x 0,5	25
E010/M035X060E15	M3,5 x 0,6	25
E010/M040X070E15	M4 x 0,7	25
E010/M050X080E15	M5 x 0,8	25
E010/M060X100E15	M6 x 1	25
E010/M070X100E15	M7 x 1	25
E010/M080X100E15	M8 x 1	25
E010/M080X125E15	M8 x 1,25	25
E010/M090X100E15	M9 x 1	25
E010/M090X125E15	M9 x 1,25	25
E010/M100X100E15	M10 x 1	25
E010/M100X125E15	M10 x 1,25	25
E010/M100X150E15	M10 x 1,5	25
E010/M110X150E15	M11 x 1,5	10
E010/M120X100E15	M12 x 1,0	10
E010/M120X125E15	M12 x 1,25	10
E010/M120X150E15	M12 x 1,5	10
E010/M120X175E15	M12 x 1,75	10
E010/M140X100E15	M14 x 1	10
E010/M140X125E15	M14 x 1,25	10
E010/M140X150E15	M14 x 1,5	10
E010/M140X200E15	M14 x 2	10
E010/M160X150E15	M16 x 1,5	10
E010/M160X200E15	M16 x 2	10
E010/M180X150E15	M18 x 1,5	10
E010/M180X200E15	M18 x 2	10
E010/M180X250E15	M18 x 2,5	10
E010/M200X150E15	M20 x 1,5	10
E010/M200X200E15	M20 x 2	10
E010/M200X250E15	M20 x 2,5	10
E010/M220X150E15	M22 x 1,5	5
E010/M220X200E15	M22 x 2	5
E010/M220X250E15	M22 x 2,5	5
E010/M240X150E15	M24 x 1,5	5
E010/M240X200E15	M24 x 2	5
E010/M240X300E15	M24 x 3	5
E010/M260X150E15	M26 x 1,5	5
E010/M270X150E15	M27 x 1,5	5
E010/M270X200E15	M27 x 2	5
E010/M270X300E15	M27 x 3	5
E010/M280X150E15	M28 x 1,5	5
E010/M300X150E15	M30 x 1,5	5
E010/M300X200E15	M30 x 2	5
E010/M300X350E15	M30 x 3,5	5
E010/M330X200E15	M33 x 2	5
E010/M330X350E15	M33 x 3,5	5
E010/M360X150E15	M36 x 1,5	5
E010/M360X200E15	M36 x 2	5
E010/M360X300E15	M36 x 3	5
E010/M360X400E15	M36 x 4	5
E010/M390X300E15	M39 x 3	5
E010/M390X400E15	M39 x 4	5
E010/M400X300E15	M40 x 3	5
E010/M420X300E15	M42 x 3	5
E010/M450X300E15	M45 x 3	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.





INOX

Hangable

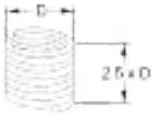
Art.	D	Pack
E010/M020X040E2	M2 x 0,4	25
E010/M022X045E2	M2,2 x 0,45	25
E010/M025X045E2	M2,5 x 0,45	25
E010/M030X050E2	M3 x 0,5	25
E010/M035X060E2	M3,5 x 0,6	25
E010/M040X070E2	M4 x 0,7	25
E010/M050X080E2	M5 x 0,8	25
E010/M060X100E2	M6 x 1	25
E010/M070X100E2	M7 x 1	25
E010/M080X100E2	M8 x 1	25
E010/M080X125E2	M8 x 1,25	25
E010/M090X125E2	M9 x 1,25	25
E010/M100X100E2	M10 x 1	25
E010/M100X125E2	M10 x 1,25	25
E010/M100X150E2	M10 x 1,5	25
E010/M110X150E2	M11 x 1,5	10
E010/M120X100E2	M12 x 1	10
E010/M120X125E2	M12 x 1,25	10
E010/M120X150E2	M12 x 1,5	10
E010/M120X175E2	M12 x 1,75	10
E010/M140X100E2	M14 x 1	10
E010/M140X125E2	M14 x 1,25	10
E010/M140X150E2	M14 x 1,5	10
E010/M140X200E2	M14 x 2	10
E010/M160X150E2	M16 x 1,5	10
E010/M160X200E2	M16 x 2	10
E010/M180X150E2	M18 x 1,5	10
E010/M180X200E2	M18 x 2	10
E010/M180X250E2	M18 x 2,5	10
E010/M200X150E2	M20 x 1,5	10
E010/M200X200E2	M20 x 2	10
E010/M200X250E2	M20 x 2,5	10
E010/M220X150E2	M22 x 1,5	5
E010/M220X200E2	M22 x 2	5
E010/M220X250E2	M22 x 2,5	5
E010/M240X150E2	M24 x 1,5	5
E010/M240X200E2	M24 x 2	5
E010/M240X300E2	M24 x 3	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.





INOX

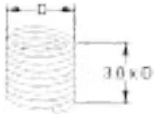
Hangable

Art.	D	Pack
E010/M020X040E25	M2 x 0,4	25
E010/M022X045E25	M2,2 x 0,45	25
E010/M025X045E25	M2,5 x 0,45	25
E010/M030X050E25	M3 x 0,5	25
E010/M035X060E25	M3,5 x 0,6	25
E010/M040X070E25	M4 x 0,7	25
E010/M050X080E25	M5 x 0,8	25
E010/M060X100E25	M6 x 1	25
E010/M070X100E25	M7 x 1	25
E010/M080X100E25	M8 x 1	25
E010/M080X125E25	M8 x 1,25	25
E010/M090X125E25	M9 x 1,25	25
E010/M100X100E25	M10 x 1	25
E010/M100X125E25	M10 x 1,25	25
E010/M100X150E25	M10 x 1,5	25
E010/M110X150E25	M11 x 1,5	10
E010/M120X100E25	M12 x 1	10
E010/M120X125E25	M12 x 1,25	10
E010/M120X150E25	M12 x 1,5	10
E010/M120X175E25	M12 x 1,75	10
E010/M140X100E25	M14 x 1	10
E010/M140X125E25	M14 x 1,25	10
E010/M140X150E25	M14 x 1,5	10
E010/M140X200E25	M14 x 2	10
E010/M160X150E25	M16 x 1,5	10
E010/M160X200E25	M16 x 2	10
E010/M180X150E25	M18 x 1,5	10
E010/M180X200E25	M18 x 2	10
E010/M180X250E25	M18 x 2,5	10
E010/M200X150E25	M20 x 1,5	10
E010/M200X200E25	M20 x 2	10
E010/M200X250E25	M20 x 2,5	10
E010/M220X150E25	M22 x 1,5	5
E010/M220X200E25	M22 x 2	5
E010/M220X250E25	M22 x 2,5	5
E010/M240X150E25	M24 x 1,5	5
E010/M240X200E25	M24 x 2	5
E010/M240X300E25	M24 x 3	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.





INOX

Hangable

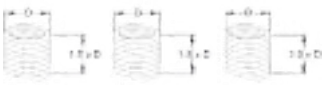
Art.	D	Pack
E010/M020X040E3	M2 x 0,4	25
E010/M022X045E3	M2,2 x 0,45	25
E010/M025X045E3	M2,5 x 0,45	25
E010/M030X050E3	M3 x 0,5	25
E010/M035X060E3	M3,5 x 0,6	25
E010/M040X070E3	M4 x 0,7	25
E010/M050X080E3	M5 x 0,8	25
E010/M060X100E3	M6 x 1	25
E010/M070X100E3	M7 x 1	25
E010/M080X100E3	M8 x 1	25
E010/M080X125E3	M8 x 1,25	25
E010/M090X125E3	M9 x 1,25	25
E010/M100X100E3	M10 x 1	25
E010/M100X125E3	M10 x 1,25	25
E010/M100X150E3	M10 x 1,5	25
E010/M110X150E3	M11 x 1,5	10
E010/M120X100E3	M12 x 1	10
E010/M120X125E3	M12 x 1,25	10
E010/M120X150E3	M12 x 1,5	10
E010/M120X175E3	M12 x 1,75	10
E010/M140X100E3	M14 x 1	10
E010/M140X125E3	M14 x 1,25	10
E010/M140X150E3	M14 x 1,5	10
E010/M140X200E3	M14 x 2	10
E010/M160X150E3	M16 x 1,5	10
E010/M160X200E3	M16 x 2	10
E010/M180X150E3	M18 x 1,5	10
E010/M180X200E3	M18 x 2	10
E010/M180X250E3	M18 x 2,5	10
E010/M200X150E3	M20 x 1,5	10
E010/M200X200E3	M20 x 2	10
E010/M200X250E3	M20 x 2,5	10
E010/M220X150E3	M22 x 1,5	5
E010/M220X200E3	M22 x 2	5
E010/M220X250E3	M22 x 2,5	5
E010/M240X150E3	M24 x 1,5	5
E010/M240X200E3	M24 x 2	5
E010/M240X300E3	M24 x 3	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.





Hangable

INOX

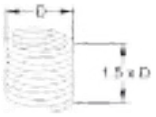
Art.	D	Height	Pack
E010/M030X050E1A	M3 x 0,5	1,0 D	25
E010/M040X070E1A	M4 x 0,7	1,0 D	25
E010/M050X080E1A	M5 x 0,8	1,0 D	25
E010/M060X100E1A	M6 x 1	1,0 D	25
E010/M080X125E1A	M8 x 1,25	1,0 D	25
E010/M100X150E1A	M10 x 1,5	1,0 D	25
E010/M120X175E1A	M12 x 1,75	1,0 D	10
E010/M140X200E1A	M14 x 2	1,0 D	10
E010/M160X200E1A	M16 x 2	1,0 D	10
E010/M030X050E15A	M3 x 0,5	1,5 D	25
E010/M040X070E15A	M4 x 0,7	1,5 D	25
E010/M050X080E15A	M5 x 0,8	1,5 D	25
E010/M060X100E15A	M6 x 1	1,5 D	25
E010/M080X125E15A	M8 x 1,25	1,5 D	25
E010/M100X150E15A	M10 x 1,5	1,5 D	25
E010/M120X175E15A	M12 x 1,75	1,5 D	10
E010/M140X200E15A	M14 x 2	1,5 D	10
E010/M160X200E15A	M16 x 2	1,5 D	10
E010/M030X050E2A	M3 x 0,5	2,0 D	25
E010/M040X070E2A	M4 x 0,7	2,0 D	25
E010/M050X080E2A	M5 x 0,8	2,0 D	25
E010/M060X100E2A	M6 x 1	2,0 D	25
E010/M080X125E2A	M8 x 1,25	2,0 D	25
E010/M100X150E2A	M10 x 1,5	2,0 D	25
E010/M120X175E2A	M12 x 1,75	2,0 D	10
E010/M140X200E2A	M14 x 2	2,0 D	10
E010/M160X200E2A	M16 x 2	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

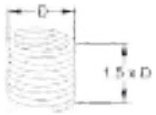
INOX

Art.	D	Pack
E010/BSW1/8E15	1/8" x 40	10
E010/BSW3/16E15	3/16" x 24	10
E010/BSW1/4E15	1/4" x 20	10
E010/BSW5/16E15	5/16" x 18	10
E010/BSW3/8E15	3/8" x 16	10
E010/BSW7/16E15	7/16" x 14	10
E010/BSW1/2E15	1/2" x 12	10
E010/BSW9/16E15	9/16" x 12	5
E010/BSW5/8E15	5/8" x 11	5
E010/BSW3/4E15	3/4" x 10	5
E010/BSW7/8E15	7/8" x 9	5
E010/BSW1E15	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

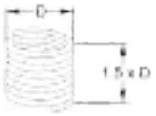
Art.	D	Pack
E010/BSF3/16E15	3/16" x 32	10
E010/BSF1/4E15	1/4" x 26	10
E010/BSF5/16E15	5/16" x 22	10
E010/BSF3/8E15	3/8" x 20	10
E010/BSF7/16E15	7/16" x 18	10
E010/BSF1/2E15	1/2" x 16	10
E010/BSF9/16E15	9/16" x 16	5
E010/BSF5/8E15	5/8" x 14	5
E010/BSF3/4E15	3/4" x 12	5
E010/BSF7/8E15	7/8" x 11	5
E010/BSF1E15	1" x 10	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

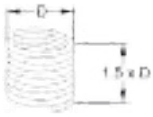
Art.	D	Pack
E010/UNC1/4E15	1/4" x 20	10
E010/UNC5/16E15	5/16" x 18	10
E010/UNC3/8E15	3/8" x 16	10
E010/UNC7/16E15	7/16" x 14	10
E010/UNC1/2E15	1/2" x 13	10
E010/UNC9/16E15	9/16" x 12	5
E010/UNC5/8E15	5/8" x 11	5
E010/UNC3/4E15	3/4" x 10	5
E010/UNC7/8E15	7/8" x 9	5

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	No. 4 x 48	10
E010/UNFN10E15	No. 10 x 32	10
E010/UNF1/4E15	1/4" x 28	10
E010/UNF5/16E15	5/16" x 24	10
E010/UNF3/8E15	3/8" x 24	10
E010/UNF7/16E15	7/16" x 20	10
E010/UNF1/2E15	1/2" x 20	10
E010/UNF9/16E15	9/16" x 18	5
E010/UNF5/8E15	5/8" x 18	5
E010/UNF3/4E15	3/4" x 16	5
E010/UNF7/8E15	7/8" x 14	5
E010/UNF1E15	1" x 12	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



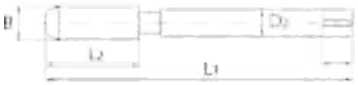
Lathe



Mill



Manual use





Art.	Size	B	L1	L2	D2	C
E011/M020X040M	M2 x 0,4	2,5 mm	44,5 mm	9,5 mm	2,8 mm	2,24 mm
E011/M025X045M	M2,5 x 0,45	3,1 mm	48 mm	11 mm	3,15 mm	2,5 mm
E011/M030X050M	M3 x 0,5	3,6 mm	53 mm	13 mm	4 mm	3,15 mm
E011/M035X060M	M3,5 x 0,6	4,3 mm	53 mm	13 mm	4,5 mm	3,55 mm
E011/M040X070M	M4 x 0,7	4,9 mm	58 mm	16 mm	5 mm	4 mm
E011/M050X080M	M5 x 0,8	6 mm	66 mm	19 mm	6,3 mm	5 mm
E011/M060X100M	M6 x 1	7,3 mm	72 mm	22 mm	8 mm	6,3 mm
E011/M070X100M	M7 x 1	8,3 mm	72 mm	22 mm	9 mm	7,1 mm
E011/M080X100M	M8 x 1	9,3 mm	80 mm	24 mm	10 mm	8 mm
E011/M080X125M	M8 x 1,25	9,6 mm	80 mm	24 mm	8 mm	8 mm
E011/M090X100M	M9 x 1	10,6 mm	85 mm	25 mm	8 mm	6,3 mm
E011/M090X125M	M9 x 1,25	10,6 mm	85 mm	25 mm	8 mm	6,3 mm
E011/M100X100M	M10 x 1	11,3 mm	85 mm	25 mm	8 mm	6,3 mm
E011/M100X125M	M10 x 1,25	11,6 mm	85 mm	25 mm	8 mm	6,3 mm
E011/M100X150M	M10 x 1,5	11,9 mm	89 mm	29 mm	9 mm	7,1 mm
E011/M110X150M	M11 x 1,5	12,9 mm	89 mm	29 mm	9 mm	7,1 mm
E011/M120X100M	M12 x 1	13,3 mm	95 mm	30 mm	11,2 mm	9 mm
E011/M120X125M	M12 x 1,25	13,6 mm	95 mm	30 mm	11,2 mm	9 mm
E011/M120X150M	M12 x 1,5	14 mm	95 mm	30 mm	11,2 mm	9 mm

Art.	Size	B	L1	L2	D2	C
E011/M120X175M	M12 x 1,75	14,3 mm	95 mm	30 mm	11,2 mm	9 mm
E011/M140X100M	M14 x 1	15,3 mm	102 mm	32 mm	12,5 mm	10 mm
E011/M140X125M	M14 x 1,25	15,6 mm	102 mm	32 mm	12,5 mm	10 mm
E011/M140X150M	M14 x 1,5	16 mm	102 mm	32 mm	12,5 mm	10 mm
E011/M140X200M	M14 x 2	16,6 mm	102 mm	32 mm	12,5 mm	10 mm
E011/M160X150M	M16 x 1,5	18 mm	104 mm	29 mm	14 mm	11,2 mm
E011/M160X200M	M16 x 2	18,6 mm	112 mm	37 mm	14 mm	11,2 mm
E011/M180X150M	M18 x 1,5	20 mm	104 mm	29 mm	14 mm	11,2 mm
E011/M180X200M	M18 x 2	20,6 mm	104 mm	29 mm	14 mm	11,2 mm
E011/M180X250M	M18 x 2,5	21,3 mm	118 mm	38 mm	16 mm	12,5 mm
E011/M200X150M	M20 x 1,5	22 mm	113 mm	33 mm	16 mm	12,5 mm
E011/M200X200M	M20 x 2	22,6 mm	113 mm	33 mm	16 mm	12,5 mm
E011/M200X250M	M20 x 2,5	23,3 mm	118 mm	38 mm	16 mm	12,5 mm
E011/M220X150M	M22 x 1,5	24 mm	120 mm	35 mm	18 mm	14 mm
E011/M220X200M	M22 x 2	24,6 mm	120 mm	35 mm	18 mm	14 mm
E011/M220X250M	M22 x 2,5	25,3 mm	130 mm	45 mm	18 mm	14 mm
E011/M240X150M	M24 x 1,5	26 mm	120 mm	35 mm	18 mm	14 mm
E011/M240X200M	M24 x 2	26,6 mm	127 mm	37 mm	20 mm	16 mm
E011/M240X300M	M24 x 3	27,9 mm	138 mm	48 mm	20 mm	16 mm

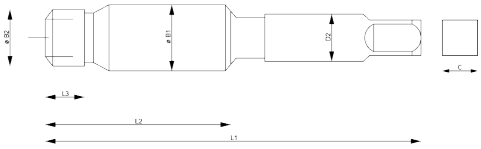
E011-MXMC

METRIC F-COIL STI COMBINED 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	B1	B2	L3	L2	L1	D2	C
E011/M060X100MC	M6 x 1,0	7.3 mm	6 mm	7 mm	28 mm	70 mm	8 mm	6,3 mm
E011/M080X125MC	M8 x 1,25	9.6 mm	8 mm	9 mm	32 mm	75 mm	8 mm	6,3 mm
E011/M100X100MC	M10 x 1,0	11.3 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6,3 mm
E011/M100X125MC	M10 x 1,25	11.6 mm	10 mm	8 mm	30 mm	74 mm	8 mm	6,3 mm
E011/M100X150MC	M10 x 1,5	11.9 mm	10 mm	9 mm	37 mm	80 mm	9 mm	7,1 mm
E011/M120X125MC	M12 x 1,25	13.6 mm	12 mm	9 mm	32 mm	75 mm	9 mm	7,1 mm
E011/M140X125MC	M14 x 1,25	15.6 mm	14 mm	10 mm	45 mm	90 mm	12 mm	9,2 mm
E011/M180X150MC	M18 x 1,25	20.0 mm	18 mm	10 mm	47 mm	116 mm	16 mm	12,5 mm

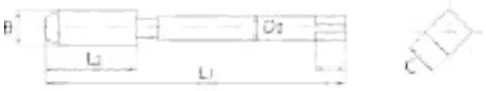
E011-BSWXM

BSW F-COIL STI TAP

Special type for creating the threaded insert housing seat.



Box | HSS-G | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill



Art.	Size	B	L1	L2	D2	C
E011/BSW1/8M	1/8" x 40	3,9 mm	53 mm	13 mm	4 mm	3,15 mm
E011/BSW3/16M	3/16" x 24	6 mm	56 mm	19 mm	6,3 mm	5 mm
E011/BSW1/4M	1/4" x 20	7,8 mm	72 mm	22 mm	8 mm	6,3 mm
E011/BSW5/16M	5/16" x 18	9,6 mm	80 mm	24 mm	10 mm	8 mm
E011/BSW3/8M	3/8" x 16	11,4 mm	85 mm	25 mm	8 mm	6,3 mm
E011/BSW7/16M	7/16" x 14	13,2 mm	95 mm	30 mm	11,2 mm	9 mm
E011/BSW1/2M	1/2" x 12	15,2 mm	102 mm	32 mm	12,5 mm	10 mm
E011/BSW9/16M	9/16" x 12	16,8 mm	102 mm	32 mm	12,5 mm	10 mm
E011/BSW5/8M	5/8" x 11	18,6 mm	112 mm	37 mm	14 mm	11,2 mm
E011/BSW3/4M	3/4" x 10	22 mm	118 mm	38 mm	16 mm	12,5 mm
E011/BSW7/8M	7/8" x 9	25,5 mm	130 mm	45 mm	18 mm	14 mm
E011/BSW1M	1" x 8	29,1 mm	138 mm	48 mm	20 mm	16 mm

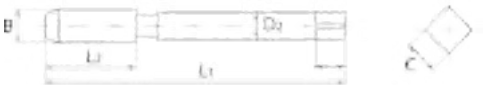
E011-BSFXM

BSF 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



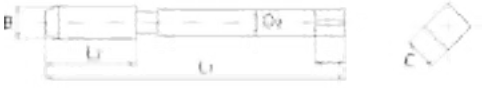
Art.	Size	B	L1	L2	D2	C
E011/BSF3/16M	3/16" x 32	5,7 mm	66 mm	19 mm	6,3 mm	5 mm
E011/BSF1/4M	1/4" x 26	7,5 mm	72 mm	22 mm	8 mm	6,3 mm
E011/BSF5/16M	5/16" x 22	9,3 mm	80 mm	24 mm	10 mm	8 mm
E011/BSF3/8M	3/8" x 20	11 mm	85 mm	25 mm	8 mm	6,3 mm
E011/BSF7/16M	7/16" x 18	12,8 mm	89 mm	29 mm	9 mm	7,1 mm
E011/BSF1/2M	1/2" x 16	14,6 mm	95 mm	30 mm	11,2 mm	9 mm
E011/BSF9/16M	9/16" x 16	16,2 mm	102 mm	32 mm	12,5 mm	10 mm
E011/BSF5/8M	5/8" x 14	18 mm	112 mm	37 mm	14 mm	11,2 mm
E011/BSF3/4M	3/4" x 12	21,5 mm	118 mm	38 mm	16 mm	12,5 mm
E011/BSF7/8M	7/8" x 11	24,9 mm	130 mm	45 mm	18 mm	14 mm
E011/BSF1M	1" x 10	28,4 mm	138 mm	48 mm	20 mm	16 mm

E011-UNCXM

UNC F-COIL STI TAP

Special type for creating the threaded insert housing seat.





HSS-G | Hangable | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use

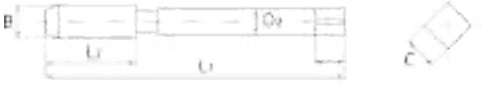
Art.	Size	B	L1	L2	D2	C
E011/UNC1/4M	1/4" x 20	8 mm	72 mm	22 mm	8 mm	6,3 mm
E011/UNC5/16M	5/16" x 18	9,8 mm	80 mm	24 mm	10 mm	8 mm
E011/UNC3/8M	3/8" x 16	11,6 mm	85 mm	25 mm	8 mm	6,3 mm
E011/UNC7/16M	7/16" x 14	13,5 mm	95 mm	30 mm	11,2 mm	10 mm
E011/UNC1/2M	1/2" x 13	15,2 mm	102 mm	32 mm	12,5 mm	10 mm
E011/UNC9/16M	9/16" x 12	17 mm	112 mm	37 mm	14 mm	11,2 mm
E011/UNC5/8M	5/8" x 11	18,9 mm	112 mm	37 mm	14 mm	11,2 mm
E011/UNC3/4M	3/4" x 10	22,4 mm	118 mm	38 mm	16 mm	12,5 mm
E011/UNC7/8M	7/8" x 9	25,9 mm	130 mm	45 mm	18 mm	14 mm

E011-UNFXM

UNF F-COIL STI TAP

Special type for creating the threaded insert housing seat.





HSS-G | Hangable | Steel | Aluminum | Non-ferr. alloys | Cast Iron | Oil | Lathe | Mill | Manual use

Art.	Size	B	L1	L2	D2	C
E011/UNFN04M	No. 4 x 48	3,5 mm	53 mm	13 mm	4 mm	3,15 mm
E011/UNFN10M	No. 10 x 32	5,9 mm	66 mm	19 mm	6,3 mm	5 mm
E011/UNF1/4M	1/4" x 28	7,5 mm	69 mm	19 mm	8 mm	6,3 mm
E011/UNF5/16M	5/16" x 24	9,3 mm	76 mm	20 mm	10 mm	8 mm
E011/UNF3/8M	3/8" x 24	10,9 mm	82 mm	22 mm	8 mm	6,3 mm
E011/UNF7/16M	7/16" x 20	12,8 mm	84 mm	24 mm	9 mm	7,1 mm
E011/UNF1/2M	1/2" x 20	14,4 mm	90 mm	25 mm	11,2 mm	9 mm
E011/UNF9/16M	9/16" x 18	16,1 mm	104 mm	29 mm	12,5 mm	10 mm
E011/UNF5/8M	5/8" x 18	17,7 mm	104 mm	29 mm	14 mm	11,2 mm
E011/UNF3/4M	3/4" x 16	21,1 mm	104 mm	29 mm	14 mm	11,2 mm
E011/UNF7/8M	7/8" x 14	24,6 mm	120 mm	35 mm	18 mm	14 mm
E011/UNF112M	1" x 12	28,2 mm	127 mm	37 mm	20 mm	16 mm

E011-UMX

F-COIL MOUNTING TOOL HEXAGONAL DRIVE



Art.	Diameter	Hex drive
E011/UM260X150	M26 x 1,5	1/2"
E011/UM270X150	M27 x 1,5	1/2"
E011/UM270X200	M27 x 2	1/2"
E011/UM270X300	M27 x 3	1/2"
E011/UM280X150	M28 x 1,5	1/2"
E011/UM300X150	M30 x 1,5	1/2"
E011/UM300X200	M30 x 2	1/2"
E011/UM300X350	M30 x 3,5	1/2"
E011/UM330X200	M33 x 2	1/2"
E011/UM330X350	M33 x 3,5	1/2"
E011/UM360X150	M36 x 1,5	1/2"
E011/UM360X200	M36 x 2	1/2"
E011/UM360X300	M36 x 3	1/2"
E011/UM360X400	M36 x 4	1/2"

E011-UX

F-COIL MOUNTING TOOL

Art.	Metric	Inch
E011/U02	M2 x 0,4 - M2,2 x 0,45	UNC N02
E011/U03	M2,5 x 0,45	-
E011/U04	M3 x 0,5	UNC N05 - UNC/UNF N04 - BSW 1/8"
E011/U05	M3.5 x 0,6	UNC/UNF N06
E011/U06	M4 x 0,7	UNC/UNF N08
E011/U08	M5 x 0,8	UNF N10 - UNC N12 - BSF 3/16"
E011/U09	M6 x 1	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/U10	M7 x 1	UNC/BSW 5/16"
E011/U11	M8 x 1,25 - M8 x 1	UNF/BSF 5/16"
E011/U12	M9 x 1,25 - M9 x 1	UNC/BSW 3/8"
E011/U13	M10 x 1,5 - M10 x 1 - M10 x 1,25	UNF/BSF 3/8"
E011/U14	M11 x 1,5	UNC/UNF 7/16" - BSW-BSF 7/16"
E011/U15	M12 x 1,75 - M12 x 1,5 - M12 x 1,25 - M12 x 1	UNC/UNF 1/2" - BSW-BSF 1/2"
E011/U16	M14 x 2 - M14 x 1,5	UNC/UNF 9/16" - BSW-BSF 9/16"
E011/U17	M14 x 1,25 - M14 x 1	-
E011/U18	M16 x 2 - M16 x 1,5	UNC/UNF 5/8" - BSW-BSF 5/8"
E011/U20	M18 x 2,5 - M18 x 2 - M18 x 1,5	UNC 3/4" - BSW-BSF 3/4"
E011/U21	M20 x 2,5 - M20 x 2 - M20 x 1,5	UNF 3/4"
E011/U22	M22 x 2,5 - M22 x 2 - M22 x 1,5	UNC/UNF 7/8" - BSW-BSF 7/8"
E011/U23	M24 x 3 - M24 x 2 - M24 x 1,5	UNC/UNF 1" - BSW-BSF 1"



E011-EX

F-COIL PULLER



Art.	Metric	Inch
E011/E2	M3 - M10	3/16" - 3/8"
E011/E3	M11 - M25	3/8" - 1"

E011-AX

F-COIL TANG BREAKING TOOL



Art.	Metric	Inch
E011/A02	M2 x 0,4 - M2,2 x 0,45	UNC N02
E011/A03	M2,5 x 0,45	-
E011/A04	M3 x 0,5	UNC/UNF N04
E011/A05	M3,5 x 0,6	UNC/UNF N06
E011/A06	M4 x 0,7	UNC N10 - UNC/UNF N08 - BSF 3/16"
E011/A08	M5 x 0,8	UNF N10 - UNC N12 - BSF 3/16"
E011/A09	M6 x 1	UNC/UNF 1/4" - BSW/BSF 1/4"
E011/A11	M7 x 1 - M8 x 1 - M8 x 1,25	UNC/UNF 5/16" - BSW/BSF 5/16"
E011/A12	M9 x 1 - M9 x 1,25	UNC 3/8" - BSW/BSF 3/8"
E011/A13	M10 x 1,5 - M10 x 1 - M10 x 1,25	UNF 3/8"
E011/A14	M11 x 1,5	UNC/UNF 7/16" - BSW/BSF 7/16"
E011/A15	M12 x 1,5 - M12 x 1 - M12 x 1,25 - M12 x 1,75	UNC/UNF 1/2" - BSW/BSF 1/2"





LBX

BI-METAL BANDSAW BLADE FOR METAL

Welded in standard length.



VARIABLE STEP



FIXED STEP



HSS CO 8%


Steel


Aluminum


Non-ferr. alloys


Plastic


Plexiglass


Cast Iron


Emulsion


Band saw

Art.	Sizes	Specifications	Pitch
LB01/1140	1140 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1325	1325 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1335	1335 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1435	1435 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1440	1440 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1638	1638 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB01/1735	1735 x 13 x 0,65 mm	T 8 / 12 Bi-Metal	Variable
LB02/1140	1140 x 13 x 0,65 mm	T 6 Bi-Metal	Fix
LB02/1435	1435 x 13 x 0,65 mm	T 6 Bi-Metal	Fix
LB05/1735	1735 x 13 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2000	2000 x 20 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2080	2080 x 20 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2100	2100 x 20 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2140	2140 x 20 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB07/2160	2160 x 20 x 0,9 mm	T 8 / 12 Bi-Metal	Variable
LB08/2000	2000 x 20 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2080	2080 x 20 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2100	2100 x 20 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2140	2140 x 20 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB08/2160	2160 x 20 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB09/2375	2375 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2450	2450 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2500	2500 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable

Art.	Sizes	Specifications	Pitch
LB09/2720	2720 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2750	2750 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2825	2825 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2845	2845 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2945	2945 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/2950	2950 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3010	3010 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3100	3100 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3120	3120 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB09/3150	3150 x 27 x 0,9 mm	T 8 / 11 Bi-Metal	Variable
LB10/2375	2375 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2450	2450 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2500	2500 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB11/2720	2720 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2750	2750 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2825	2825 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2845	2845 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2945	2945 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/2950	2950 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3010	3010 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3100	3100 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3120	3120 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable
LB10/3150	3150 x 27 x 0,9 mm	T 5 / 7 Bi-Metal	Variable

N7X

BLADE FOR WOOD

Blade for shaped cutting of thin wood.




Steel


Wood


Multilayer


Chipboard


Band saw

Art.	Sizes	Specifications
N194	1400 x 6 x 0,36 mm	T6
N717/N	1430 x 6 x 0,36 mm	T6
N188	1790 x 6 x 0,36 mm	T10
N190	1826 x 6 x 0,36 mm	T10
N855/N2	2240 x 13 x 0,65 mm	T8
N186	2400 x 13 x 0,65 mm	T8
N192	2560 x 13 x 0,65 mm	T8
N764/N2	2950 x 13 x 0,65 mm	T6
N764/455/N2	3430 x 16 x 0,65 mm	T6

N7X1

BLADES FOR WOOD

Blade for straight cut of thick wood.




Steel


Wood


Multilayer


Chipboard


Band saw

Art.	Sizes	Specifications
N195	1400 x 10 x 0,36 mm	T6
N717/N1	1430 x 10 x 0,36 mm	T6
N189	1790 x 10 x 0,36 mm	T6
N191	1826 x 10 x 0,36 mm	T6
N855/N	2240 x 16 x 0,65 mm	T4
N187	2400 x 16 x 0,65 mm	T4
N193	2560 x 16 x 0,65 mm	T4
N764/N	2950 x 16 x 0,65 mm	T4
N764/455/N	3430 x 20 x 0,65 mm	T4

LSL76-20

JIGSAW BLADE SET



5 Pcs | Steel | Plastic | Wood | Multilayer

Length	76 mm
Cutting Depth	51 mm
Thickness	2 mm

LSM76-12

JIGSAW BLADE SET



5 Pcs | HSS | Steel | Aluminum | Non-ferr. alloys

Length	76 mm
Cutting Depth	51 mm
Thickness	1,2 mm

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
0735	190 mm	24	Ø 20 mm	2,2 mm	1,5 mm	8000
0736	190 mm	48	Ø 20 mm	2,2 mm	1,5 mm	8000
0685	250 mm	24	Ø 30 mm	2,8 mm	2 mm	6300
0702	250 mm	60	Ø 30 mm	3,2 mm	2,2 mm	7000
0703	250 mm	80	Ø 30 mm	3,2 mm	2,2 mm	7000
0704	300 mm	72	Ø 30 mm	3,2 mm	2,2 mm	6000
0705	300 mm	96	Ø 30 mm	3,2 mm	2,2 mm	6000
0899	315 mm	25	Ø 30 mm	2,8 mm	1,8 mm	6000
0745	350 mm	54	Ø 30 mm	3,5 mm	2,5 mm	5000
0707	400 mm	48	Ø 30 mm	3,5 mm	2,5 mm	4500
0746	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
0762/190	190 mm	48	Ø 20 mm	2,2 mm	1,5 mm	8000
0762/250	250 mm	60	Ø 32 mm	3,2 mm	2,8 mm	7000
0762/300	300 mm	72	Ø 32 mm	3,2 mm	2,8 mm	6000



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FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)



FLAP DISCS

p. 266 Professional
p. 270 Performance
p. 274 Grindflex
p. 278 Smartflex
p. 281 Specialty
p. 287 Fast Lock

ABRASIVE WHEELS

p. 288 Wheels with shaft
p. 289 Wheels with hole
p. 290 Wheels for satin finishers

ABRASIVE DISCS AND BELTS

p. 293 Fiber discs
p. 294 Adhesive and velcro discs
p. 298 Rolls and sheets
p. 302 Belts

CLEANING

p. 303 Surface Conditioning
p. 305 Abrasive Nylon
p. 306 Non woven

FINISHING AND POLISHING

p. 307 Felt and abrasive pastes
p. 309 Sisal, cotton and wool
p. 312 Sponges and abrasive rubbers

WIRE BRUSHES

p. 313 Brushes with bore
p. 315 Brushes with shaft

CUTTING WHEELS

p. 319 Cutting discs
p. 320 Grinding discs
p. 321 Grinding wheels with hole
p. 322 Mounted grinding wheels
p. 323 Diamond blades

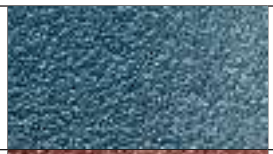
RIFLEX, SPECIFIC EXPERIENCE MADE IN ITALY

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

		Zirconium Cotton	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.
		Corundum Cotton	For metals and wood, for standard processing. Cotton support. This cloth is declined in various performance steps based on the product families.
SPECIALTY		Zircoceramic Polycotton	Specially designed for processing stainless steel. Third cooling layer, polycotton backing, high cutting speed.
SPECIALTY		Ceramic Polycotton	Specially designed for processing stainless steel, for heavy stock removal. Third cooling layer, extremely resistant polycotton backing, maximum cutting speed.
SPECIALTY		Abranet® Polyamide Mesh	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.

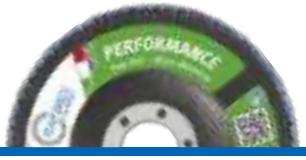
FLAP DISCS

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.



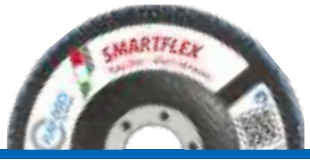
PERFORMANCE
HIGH PERFORMANCE

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.



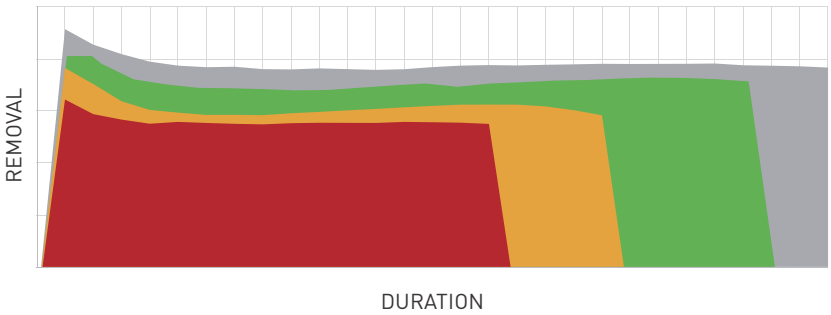
SMARTFLEX
VALUE FOR MONEY

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.).

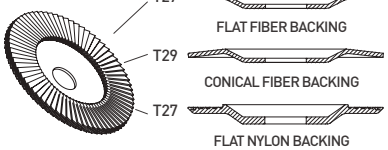


SMARTFLEX
PERFORMANCE
GRINDFLEX
PROFESSIONAL

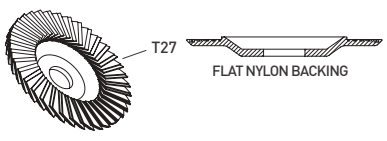
Our tests are carried out with Riflex machines using a 1200W electric tool with a constant pressure of 4 kg on a S235JR (Fe360) steel test specimen with 2.5 min steps.

DISC TYPE

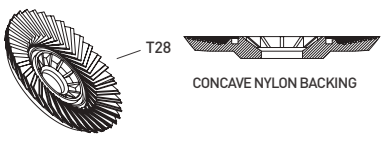
CLASSIC



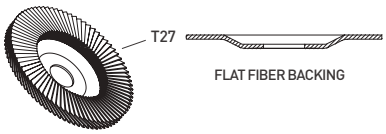
DUAL FLAP



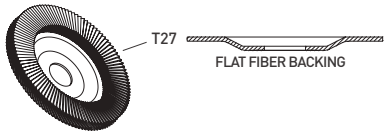
REAL FLAT



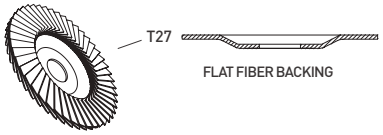
BIGGER



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	115 x 22 mm	36	13300	10
DF8100.112	115 x 22 mm	40	13300	10
DF8100.114	115 x 22 mm	60	13300	10
DF8100.115	115 x 22 mm	80	13300	10
DF8100.117	115 x 22 mm	120	13300	10
DF8100.121	125 x 22 mm	36	12250	10
DF8100.122	125 x 22 mm	40	12250	10
DF8100.124	125 x 22 mm	60	12250	10
DF8100.125	125 x 22 mm	80	12250	10
DF8100.181	180 x 22 mm	36	8500	10
DF8100.182	180 x 22 mm	40	8500	10
DF8100.184	180 x 22 mm	60	8500	10
DF8100.185	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	115 x 22 mm	36	13300	10
DF8150.112	115 x 22 mm	40	13300	10
DF8150.114	115 x 22 mm	60	13300	10
DF8150.115	115 x 22 mm	80	13300	10
DF8150.117	115 x 22 mm	120	13300	10
DF8150.121	125 x 22 mm	36	12250	10
DF8150.122	125 x 22 mm	40	12250	10
DF8150.124	125 x 22 mm	60	12250	10
DF8150.125	125 x 22 mm	80	12250	10
DF8150.181	180 x 22 mm	36	8500	10
DF8150.182	180 x 22 mm	40	8500	10
DF8150.184	180 x 22 mm	60	8500	10
DF8150.185	180 x 22 mm	80	8500	10



DF8100MINI-Z

NEW

FLAP DISC PROFESSIONAL 75MM 40Z MINI



Zr Zirconium | Glass fiber | T27 | Single | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Axial grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DF8100.172	75 X 10 mm	40	13300	10

DN8100-Z

PROFESSIONAL FLAP DISC CLASSIC

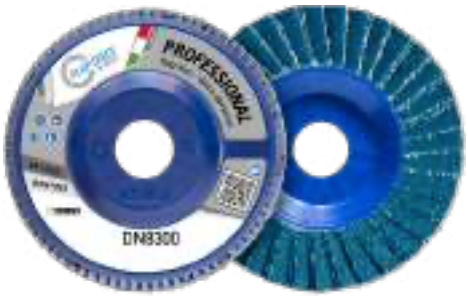


Zr Zirconium | Nylon | T27 | Single | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DN8100.111	115 x 22 mm	36	13300	10
DN8100.112	115 x 22 mm	40	13300	10
DN8100.114	115 x 22 mm	60	13300	10
DN8100.115	115 x 22 mm	80	13300	10
DN8100.117	115 x 22 mm	120	13300	10
DN8100.122	125 x 22 mm	40	12250	10
DN8100.124	125 x 22 mm	60	12250	10
DN8100.125	125 x 22 mm	80	12250	10
DN8100.182	180 x 22 mm	40	8500	10
DN8100.184	180 x 22 mm	60	8500	10
DN8100.185	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	115 x 22 mm	36	13300	10
DN8300.112	115 x 22 mm	40	13300	10
DN8300.114	115 x 22 mm	60	13300	10
DN8300.115	115 x 22 mm	80	13300	10
DN8300.117	115 x 22 mm	120	13300	10
DN8300.122	125 x 22 mm	40	12250	10
DN8300.124	125 x 22 mm	60	12250	10
DN8300.125	125 x 22 mm	80	12250	10
DN8300.182	180 x 22 mm	40	8500	10
DN8300.184	180 x 22 mm	60	8500	10
DN8300.185	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.



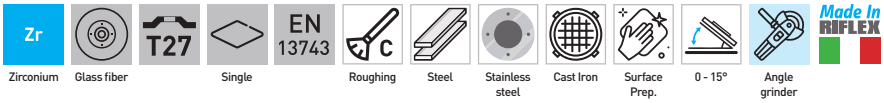
Zr Zirconium | Nylon | T28 | Double | EN 13743 | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DN8550.112	115 x 22 mm	40	13300	10
DN8550.114	115 x 22 mm	60	13300	10
DN8550.115	115 x 22 mm	80	13300	10
DN8550.117	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.



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF8600.112	115 x 22 mm	40	13300	10
DF8600.114	115 x 22 mm	60	13300	10
DF8600.115	115 x 22 mm	80	13300	10
DF8600.117	115 x 22 mm	120	13300	10
DF8600.122	125 x 22 mm	40	12250	10
DF8600.124	125 x 22 mm	60	12250	10
DF8600.125	125 x 22 mm	80	12250	10
DF8600.127	125 x 22 mm	120	12250	10
DF8600.182	180 x 22 mm	40	8500	10
DF8600.184	180 x 22 mm	60	8500	10
DF8600.185	180 x 22 mm	80	8500	10
DF8600.187	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.



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF8700.112	115 x 22 mm	40	13300	10
DF8700.114	115 x 22 mm	60	13300	10
DF8700.115	115 x 22 mm	80	13300	10
DF8700.117	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	115 x 22 mm	40	13300	10
DF8100.214	115 x 22 mm	60	13300	10
DF8100.215	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	115 x 22 mm	40	13300	10
DF8150.214	115 x 22 mm	60	13300	10
DF8150.215	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	115 x 22 mm	40	13300	10
DN8100.214	115 x 22 mm	60	13300	10
DN8100.215	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	115 x 22 mm	40	13300	10
DN8300.214	115 x 22 mm	60	13300	10
DN8300.215	115 x 22 mm	80	13300	10

PERFORMANCE

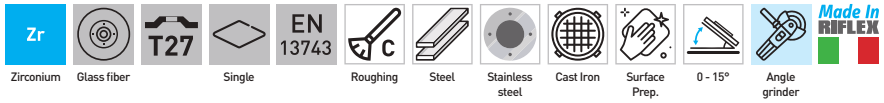
HIGH PERFORMANCE

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



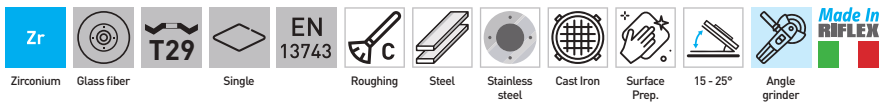
Zirconium · Glass fiber · Single · Roughing · Steel · Stainless steel · Cast Iron · Surface Prep. · 0 - 15° · Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF6100.112	115 x 22 mm	40	13300	10
DF6100.114	115 x 22 mm	60	13300	10
DF6100.115	115 x 22 mm	80	13300	10
DF6100.117	115 x 22 mm	120	13300	10
DF6100.122	125 x 22 mm	40	12250	10
DF6100.124	125 x 22 mm	60	12250	10
DF6100.125	125 x 22 mm	80	12250	10
DF6100.182	180 x 22 mm	40	8500	10
DF6100.184	180 x 22 mm	60	8500	10
DF6100.185	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	115 x 22 mm	40	13300	10
DF6150.114	115 x 22 mm	60	13300	10
DF6150.115	115 x 22 mm	80	13300	10
DF6150.117	115 x 22 mm	120	13300	10
DF6150.122	125 x 22 mm	40	12250	10
DF6150.124	125 x 22 mm	60	12250	10
DF6150.125	125 x 22 mm	80	12250	10
DF6150.182	180 x 22 mm	40	8500	10
DF6150.184	180 x 22 mm	60	8500	10
DF6150.185	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	115 x 22 mm	40	13300	10
DN6100.114	115 x 22 mm	60	13300	10
DN6100.115	115 x 22 mm	80	13300	10
DN6100.117	115 x 22 mm	120	13300	10
DN6100.122	125 x 22 mm	40	12250	10
DN6100.124	125 x 22 mm	60	12250	10
DN6100.125	125 x 22 mm	80	12250	10
DN6100.182	180 x 22 mm	40	8500	10
DN6100.184	180 x 22 mm	60	8500	10
DN6100.185	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	115 x 22 mm	40	13300	10
DN6300.114	115 x 22 mm	60	13300	10
DN6300.115	115 x 22 mm	80	13300	10
DN6300.117	115 x 22 mm	120	13300	10
DN6300.122	125 x 22 mm	40	12250	10
DN6300.124	125 x 22 mm	60	12250	10
DN6300.125	125 x 22 mm	80	12250	10
DN6300.182	180 x 22 mm	40	8500	10
DN6300.184	180 x 22 mm	60	8500	10
DN6300.185	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

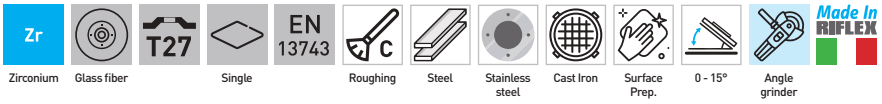
Art.	Dimensions	Grit	rpm max	Pack
DN6550.112	115 x 22 mm	40	13300	10
DN6550.114	115 x 22 mm	60	13300	10
DN6550.115	115 x 22 mm	80	13300	10
DN6550.117	115 x 22 mm	120	13300	10



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.



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

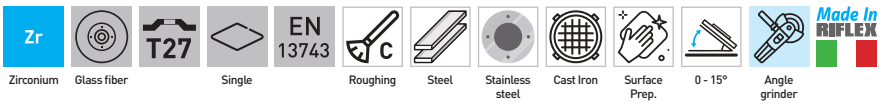
Art.	Dimensions	Grit	rpm max	Pack
DF6600.112	115 x 22 mm	40	13300	10
DF6600.114	115 x 22 mm	60	13300	10
DF6600.115	115 x 22 mm	80	13300	10
DF6600.117	115 x 22 mm	120	13300	10
DF6600.122	125 x 22 mm	40	12250	10
DF6600.124	125 x 22 mm	60	12250	10
DF6600.125	125 x 22 mm	80	12250	10
DF6600.127	125 x 22 mm	120	12250	10
DF6600.182	180 x 22 mm	40	8500	10
DF6600.184	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.



Zirconium | Glass fiber | Single | Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF6700.112	115 x 22 mm	40	13300	10
DF6700.114	115 x 22 mm	60	13300	10
DF6700.115	115 x 22 mm	80	13300	10
DF6700.117	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	115 x 22 mm	40	13300	10
DF6100.214	115 x 22 mm	60	13300	10
DF6100.215	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	115 x 22 mm	40	13300	10
DF6150.214	115 x 22 mm	60	13300	10
DF6150.215	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	115 x 22 mm	40	13300	10
DN6100.214	115 x 22 mm	60	13300	10
DN6100.215	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	115 x 22 mm	40	13300	10
DN6300.214	115 x 22 mm	60	13300	10
DN6300.215	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

Zr Zirconium | 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
DF4100.112	115 x 22 mm	40	13300	10
DF4100.114	115 x 22 mm	60	13300	10
DF4100.115	115 x 22 mm	80	13300	10
DF4100.117	115 x 22 mm	120	13300	10
DF4100.122	125 x 22 mm	40	12250	10
DF4100.124	125 x 22 mm	60	12250	10
DF4100.125	125 x 22 mm	80	12250	10
DF4100.127	125 x 22 mm	120	12250	10
DF4100.182	180 x 22 mm	40	8500	10
DF4100.184	180 x 22 mm	60	8500	10
DF4100.185	180 x 22 mm	80	8500	10
DF4100.187	180 x 22 mm	120	8500	10



DF4150-Z

GRINDFLEX FLAP DISC CLASSIC

Zr Zirconium | 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
DF4150.112	115 x 22 mm	40	13300	10
DF4150.114	115 x 22 mm	60	13300	10
DF4150.115	115 x 22 mm	80	13300	10
DF4150.117	115 x 22 mm	120	13300	10
DF4150.122	125 x 22 mm	40	12250	10
DF4150.124	125 x 22 mm	60	12250	10
DF4150.125	125 x 22 mm	80	12250	10
DF4150.127	125 x 22 mm	120	12250	10
DF4150.182	180 x 22 mm	40	8500	10
DF4150.184	180 x 22 mm	60	8500	10
DF4150.185	180 x 22 mm	80	8500	10
DF4150.187	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	115 x 22 mm	40	13300	10
DN4100.114	115 x 22 mm	60	10500	10
DN4100.115	115 x 22 mm	80	13300	10
DN4100.122	125 x 22 mm	40	12250	10
DN4100.124	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	115 x 22 mm	40	13300	10
DN4300.114	115 x 22 mm	60	13300	10
DN4300.115	115 x 22 mm	80	13300	10
DN4300.117	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	115 x 22 mm	40	13300	10
DN4550.114	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.



Zr Zirconium | 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
DF4600.112	115 x 22 mm	40	13300	10
DF4600.114	115 x 22 mm	60	13300	10
DF4600.115	115 x 22 mm	80	13300	10
DF4600.117	115 x 22 mm	120	13300	10
DF4600.122	125 x 22 mm	40	12250	10
DF4600.124	125 x 22 mm	60	12250	10
DF4600.182	180 x 22 mm	40	8500	10
DF4600.184	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	115 x 22 mm	40	13300	10
DF4100.214	115 x 22 mm	60	13300	10
DF4100.215	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	115 x 22 mm	40	13300	10
DF4150.214	115 x 22 mm	60	13300	10
DF4150.215	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	115 x 22 mm	40	13300	10
DN4100.214	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	115 x 22 mm	40	13300	10
DN4300.214	115 x 22 mm	60	13300	10
DN4300.215	115 x 22 mm	80	13300	10

SMARTFLEX

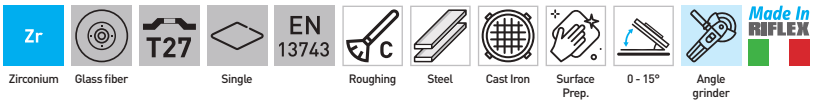
VALUE FOR MONEY

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



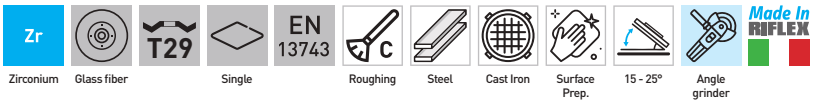
Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF2100.112	115 x 22 mm	40	13300	10
DF2100.114	115 x 22 mm	60	13300	10
DF2100.115	115 x 22 mm	80	13300	10
DF2100.117	115 x 22 mm	120	13300	10
DF2100.122	125 x 22 mm	40	12250	10
DF2100.124	125 x 22 mm	60	12250	10
DF2100.125	125 x 22 mm	80	12250	10
DF2100.127	125 x 22 mm	120	12250	10



DF2150-Z

SMARTFLEX FLAP DISC CLASSIC



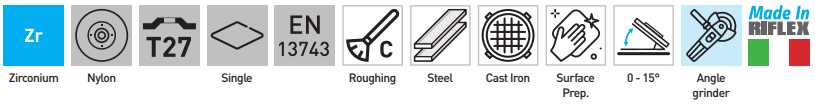
Zirconium | Glass fiber | Single | Roughing | Steel | Cast Iron | Surface Prep. | 15 - 25° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF2150.112	115 x 22 mm	40	13300	10
DF2150.114	115 x 22 mm	60	13300	10
DF2150.115	115 x 22 mm	80	13300	10
DF2150.117	115 x 22 mm	120	13300	10
DF2150.122	125 x 22 mm	40	12250	10
DF2150.124	125 x 22 mm	60	12250	10
DF2150.125	125 x 22 mm	80	12250	10
DF2150.127	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	115 x 22 mm	40	13300	10
DN2100.114	115 x 22 mm	60	13300	10
DN2100.115	115 x 22 mm	80	13300	10
DN2100.117	115 x 22 mm	120	13300	10
DN2100.122	125 x 22 mm	40	12250	10
DN2100.124	125 x 22 mm	60	12250	10
DN2100.125	125 x 22 mm	80	12250	10
DN2100.127	125 x 22 mm	120	12250	10



DN2300-Z

SMARTFLEX 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
DN2300.112	115 x 22 mm	40	13300	10
DN2300.114	115 x 22 mm	60	13300	10
DN2300.115	115 x 22 mm	80	13300	10
DN2300.117	115 x 22 mm	120	13300	10
DN2300.122	125 x 22 mm	40	12250	10
DN2300.124	125 x 22 mm	60	12250	10
DN2300.125	125 x 22 mm	80	12250	10
DN2300.127	125 x 22 mm	120	12250	10



DF2100-A

SMARTFLEX 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
DF2100.212	115 x 22 mm	40	13300	10
DF2100.214	115 x 22 mm	60	13300	10
DF2100.215	115 x 22 mm	80	13300	10

DF2150-A

SMARTFLEX 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
DF2150.212	115 x 22 mm	40	13300	10
DF2150.214	115 x 22 mm	60	13300	10
DF2150.215	115 x 22 mm	80	13300	10

DN2100-A

SMARTFLEX 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
DN2100.212	115 x 22 mm	40	13300	10
DN2100.214	115 x 22 mm	60	13300	10
DN2100.215	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



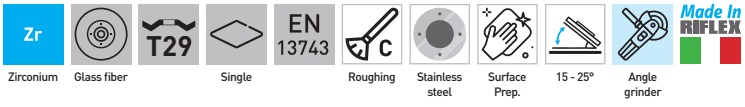
Zirconium · Glass fiber · Single · Roughing · Stainless steel · Surface Prep. · 0 - 15° · Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF9100.312	115 x 22 mm	40+	13300	10
DF9100.314	115 x 22 mm	60	13300	10
DF9100.322	125 x 22 mm	40+	12250	10
DF9100.324	125 x 22 mm	60	12250	10



DF9150-ZC

ZIRCOCER FLAP DISC CLASSIC



Zirconium · Glass fiber · Single · Roughing · Stainless steel · Surface Prep. · 15 - 25° · Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DF9150.312	115 x 22 mm	40+	13300	10
DF9150.314	115 x 22 mm	60	13300	10
DF9150.322	125 x 22 mm	40+	12250	10
DF9150.324	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	115 x 22 mm	40+	13300	10
DN9100.314	115 x 22 mm	60	13300	10
DN9100.322	125 x 22 mm	40+	12250	10
DN9100.324	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 | 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
DF9800.312	115 x 22 mm	40	13300	10
DF9800.322	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

CERAMIC FLAP DISC CLASSIC



Cer Ceramic | 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
DF9101.312	115 x 22 mm	40	13300	10
DF9101.314	115 x 22 mm	60	13300	10
DF9101.322	125 x 22 mm	40	12250	10
DF9101.324	125 x 22 mm	60	12250	10

DN9101-C

CERAMIC FLAP DISC CLASSIC



Cer Ceramic | Nylon | T27 | Single | EN 13743 | C Roughing | Stainless steel | Surface Prep. | Angle grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DN9101.312	115 x 22 mm	40	13300	10
DN9101.314	115 x 22 mm	60	13300	10
DN9101.322	125 x 22 mm	40	12250	10
DN9101.324	125 x 22 mm	60	12250	10

DF9801-C

CERAMIC FLAP DISC RAPTOR

Raptor has higher cutting speed and maximum removal power thanks to its particular shape.



Cer Ceramic | 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
DF9801.312	115 x 22 mm	40	13300	10
DF9801.322	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 | T27 | Single | EN 13743 | Roughing | Aluminum | Wood | Composites | Surface Prep. | 0 - 15° | Angle grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DF9103.512	115 x 22 mm	40	13300	10
DF9103.514	115 x 22 mm	60	13300	10
DF9103.515	115 x 22 mm	80	13300	10
DF9103.517	115 x 22 mm	120	13300	10
DF9103.522	125 x 22 mm	40	12250	10
DF9103.524	125 x 22 mm	60	12250	10
DF9103.525	125 x 22 mm	80	12250	10
DF9103.527	125 x 22 mm	120	12250	10

DF9153-M

SPECIALTY ALU FLAP DISC CLASSIC



Abranet® | Glass fiber | T29 | Single | EN 13743 | Roughing | Aluminum | Wood | Composites | Surface Prep. | 15 - 25° | Angle grinder | Made In RIFLEX

Art.	Dimensions	Grit	rpm max	Pack
DF9153.512	115 x 22 mm	40	13300	10
DF9153.514	115 x 22 mm	60	13300	10
DF9153.515	115 x 22 mm	80	13300	10
DF9153.517	115 x 22 mm	120	13300	10
DF9153.522	125 x 22 mm	40	12250	10
DF9153.524	125 x 22 mm	60	12250	10
DF9153.525	125 x 22 mm	80	12250	10
DF9153.527	125 x 22 mm	120	12250	10

SPECIALTY CURVED

For welding seams, especially for fillet welds.

The V-shaped fins allow for point-facing work, reaching corners and grooves.
Can be used with various types of steel and aluminum.

DN9109-Z

NEW

CURVED DISC ZIRCONIUM



Zr Zirconium | Nylon | T27 | Single | EN 13743 | C Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DN9109.112	115 x 22 mm	40	10500	10
DN9109.122	125 x 22 mm	40	10500	10

SPECIALTY SOFT

Flap disc with angled blades, for precise work on shaped and angled surfaces.

Its vertical blade geometry allows for good heat dissipation, preventing clogging and debris from sticking. High elasticity and tensile strength. Good self-sharpening, high removal rate, and low noise.

DF9108-Z

NEW

SOFT DISC ZIRCONIUM



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
DF9108.112	115 X 22 mm	40	13300	10
DF9108.114	115 X 22 mm	60	13300	10
DF9108.115	115 X 22 mm	80	13300	10
DF9108.117	115 X 22 mm	120	13300	10
DF9108.122	125 X 22 mm	40	13300	10
DF9108.124	125 X 22 mm	60	13300	10
DF9108.125	125 X 22 mm	80	13300	10
DF9108.127	125 X 22 mm	120	13300	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	50 mm	40	25000	10
MFD050/060Z	50 mm	60	25000	10
MFD050/080Z	50 mm	80	25000	10
MFD050/120Z	50 mm	120	25000	10
MFD075/040Z	75 mm	40	20000	10
MFD075/060Z	75 mm	60	20000	10
MFD075/080Z	75 mm	80	20000	10
MFD075/120Z	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 zirconium. Ideal to work on edges or with heavy pressure.



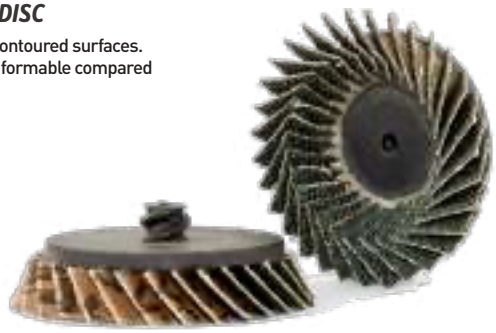
Cer Ceramic | Nylon | TR male | C Roughing | Steel | Stainless steel | Cast Iron | Surface Prep. | 0 - 15° | Axial grinder

Art.	Diameter ø	Grit	rpm max	Pack
MFD050/040ZC	50 mm	40	25000	10
MFD050/060ZC	50 mm	60	25000	10
MFD050/080ZC	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	50 mm	40	25000	10
MCD050/060Z	50 mm	60	25000	10
MCD050/080Z	50 mm	80	25000	10
MCD050/120Z	50 mm	120	25000	10

SGFX

RUBBER HOLDER

Monobloc, suitable for all types of fast locks.



Axial grinder

Art.	Diameter ø	Stem	rpm max
SGF050/06	50 mm	6 mm	30000
SGF075/06	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

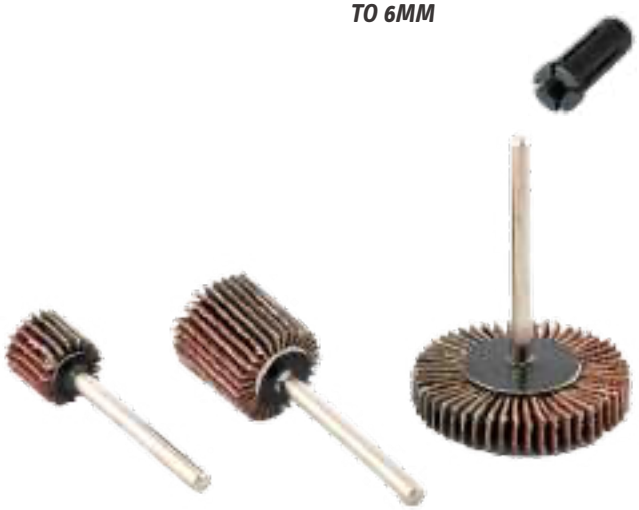
Art.	Diameter ø	Thread	Stem	rpm max
SFF050/M14	50 mm	M14	6 mm	30000
SFF075/M14	75 mm	M14	6 mm	28000

RMTX

MICRO FLAP WHEELS

ADR3/6

ADAPTER FROM SHAFT 3MM TO 6MM



Al0x Corundum | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	Diameter ø	H	Stem	Grit	rpm max	Pack
RMT1010/060	10 mm	10 mm	3 mm	60	26000	25
RMT1010/080	10 mm	10 mm	3 mm	80	26000	25
RMT1010/120	10 mm	10 mm	3 mm	120	26000	25
RMT1515/060	15 mm	15 mm	3 mm	60	26000	25
RMT1515/080	15 mm	15 mm	3 mm	80	26000	25
RMT1515/120	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.



Al0x Corundum | Steel | Stainless steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	Dimensions	Stem	Cloth	Grit	Pack
RGM030/20M	30 x 20 mm	6 mm	A/O-M	60	10
RGM030/20F	30 x 20 mm	6 mm	A/O-F	100	10
RGM030/20VF	30 x 20 mm	6 mm	A/O-VF	150	10
RGM040/20M	40 x 20 mm	6 mm	A/O-M	60	10
RGM040/20F	40 x 20 mm	6 mm	A/O-F	100	10
RGM040/20VF	40 x 20 mm	6 mm	A/O-VF	150	10
RGM050/30M	50 x 30 mm	6 mm	A/O-M	60	10
RGM050/30F	50 x 30 mm	6 mm	A/O-F	100	10
RGM050/30VF	50 x 30 mm	6 mm	A/O-VF	150	10
RGM060/30M	60 x 30 mm	6 mm	A/O-M	60	10
RGM060/30F	60 x 30 mm	6 mm	A/O-F	100	10
RGM060/30VF	60 x 30 mm	6 mm	A/O-VF	150	10
RGM080/50M	80 x 50 mm	6 mm	A/O-M	60	10
RGM080/50F	80 x 50 mm	6 mm	A/O-F	100	10
RGM080/50VF	80 x 50 mm	6 mm	A/O-VF	150	10

RGTX

ALUMINIUM OXIDE SHAFT-MOUNTED CLOTH WHEELS



Al0x Corundum | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Axial grinder

Art.	Dimensions	Stem	Grit	rpm max	Pack
RGT2010/40	20 x 10 mm	6 mm	40	26000	10
RGT2010/60	20 x 10 mm	6 mm	60	26000	10
RGT2010/80	20 x 10 mm	6 mm	80	26000	10
RGT2010/120	20 x 10 mm	6 mm	120	26000	10
RGT2015/40	20 x 15 mm	6 mm	40	25000	10
RGT2015/60	20 x 15 mm	6 mm	60	25000	10
RGT2015/80	20 x 15 mm	6 mm	80	25000	10
RGT2015/120	20 x 15 mm	6 mm	120	25000	10
RGT2515/60	25 x 15 mm	6 mm	60	25000	10
RGT2515/80	25 x 15 mm	6 mm	80	25000	10
RGT2515/120	25 x 15 mm	6 mm	120	25000	10
RGT2525/40	25 x 25 mm	6 mm	40	25000	10
RGT2525/60	25 x 25 mm	6 mm	60	25000	10
RGT2525/80	25 x 25 mm	6 mm	80	25000	10
RGT2525/120	25 x 25 mm	6 mm	120	25000	10
RGT3010/40	30 x 10 mm	6 mm	40	25500	10
RGT3010/60	30 x 10 mm	6 mm	60	25500	10
RGT3010/80	30 x 10 mm	6 mm	80	25500	10
RGT3010/120	30 x 10 mm	6 mm	120	25500	10
RGT3015/40	30 x 15 mm	6 mm	40	25500	10
RGT3015/60	30 x 15 mm	6 mm	60	25500	10
RGT3015/80	30 x 15 mm	6 mm	80	25500	10
RGT3015/120	30 x 15 mm	6 mm	120	22900	10
RGT3020/40	30 x 20 mm	6 mm	40	22900	10
RGT3020/60	30 x 20 mm	6 mm	60	22900	10
RGT3020/80	30 x 20 mm	6 mm	80	22900	10
RGT3020/120	30 x 20 mm	6 mm	120	25500	10
RGT4015/40	40 x 15 mm	6 mm	40	19100	10
RGT4015/60	40 x 15 mm	6 mm	60	19100	10
RGT4015/80	40 x 15 mm	6 mm	80	19100	10
RGT4015/120	40 x 15 mm	6 mm	120	19100	10
RGT4020/40	40 x 20 mm	6 mm	40	19100	10
RGT4020/60	40 x 20 mm	6 mm	60	19100	10
RGT4020/80	40 x 20 mm	6 mm	80	19100	10
RGT4020/120	40 x 20 mm	6 mm	120	19100	10
RGT4030/40	40 x 30 mm	6 mm	40	17100	10
RGT4030/60	40 x 30 mm	6 mm	60	17100	10
RGT4030/80	40 x 30 mm	6 mm	80	17100	10
RGT4030/120	40 x 30 mm	6 mm	120	17100	10
RGT5020/40	50 x 20 mm	6 mm	40	15300	10
RGT5020/60	50 x 20 mm	6 mm	60	15300	10
RGT5020/80	50 x 20 mm	6 mm	80	15300	10
RGT5020/120	50 x 20 mm	6 mm	120	15300	10
RGT5030/40	50 x 30 mm	6 mm	40	15300	10
RGT5030/60	50 x 30 mm	6 mm	60	15300	10
RGT5030/80	50 x 30 mm	6 mm	80	15300	10
RGT5030/120	50 x 30 mm	6 mm	120	15300	10
RGT6020/40	60 x 20 mm	6 mm	40	12700	10
RGT6020/60	60 x 20 mm	6 mm	60	12700	10
RGT6020/80	60 x 20 mm	6 mm	80	12700	10
RGT6020/120	60 x 20 mm	6 mm	120	12700	10
RGT6030/40	60 x 30 mm	6 mm	40	12700	10
RGT6030/60	60 x 30 mm	6 mm	60	12700	10
RGT6030/80	60 x 30 mm	6 mm	80	12700	10
RGT6030/120	60 x 30 mm	6 mm	120	12700	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 | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Fixed grinder

Art.	Dimensions	Grit	rpm max
RFT165/25040	165 x 25 x 54 mm	40	5200
RFT165/25060	165 x 25 x 25 mm	60	5200
RFT165/25080	165 x 25 x 25 mm	80	5200
RFT165/25120	165 x 25 x 54 mm	120	5200
RFT165/25220	165 x 25 x 54 mm	220	5200
RFT165/30040	165 x 30 x 54 mm	40	5200
RFT165/30060	165 x 30 x 54 mm	60	5200
RFT165/30080	165 x 30 x 54 mm	80	5200
RFT165/30120	165 x 30 x 54 mm	120	5200
RFT165/30220	165 x 30 x 54 mm	220	5200
RFT165/50040	165 x 50 x 45 mm	40	5200
RFT165/50060	165 x 50 x 45 mm	60	5200
RFT165/50080	165 x 50 x 25 mm	80	5200
RFT165/50120	165 x 50 x 45 mm	120	5200
RFT165/50220	165 x 50 x 54 mm	220	5200
RFT165/50040A	165 x 50 x 25 mm	40	5200
RFT165/50060A	165 x 50 x 25 mm	60	5200
RFT165/50080A	165 x 50 x 25 mm	80	5200
RFT165/50120A	165 x 50 x 25 mm	120	5200
RFT165/50220A	165 x 50 x 25 mm	220	5200
RFT200/50040	200 x 50 x 54 mm	40	3800
RFT200/50060	200 x 50 x 54 mm	60	3800
RFT200/50080	200 x 50 x 54 mm	80	3800
RFT200/50120	200 x 50 x 54 mm	120	3800
RFT250/50040	250 x 50 x 100 mm	40	3400
RFT250/50060	250 x 50 x 100 mm	60	3400
RFT250/50080	250 x 50 x 100 mm	80	3400
RFT250/50120	250 x 50 x 100 mm	120	3400

FRFX

PAIR OF FLANGES



Art.	Size	Hole
FRF54/20	54 mm	20 mm
FRF54/25	54 mm	25 mm

RGPX

NONWOVEN WHEELS WITH SHAFT

Flaps arranged radially.



AlOx Corundum | Finishing | Steel | Stainless steel | Aluminum | Wood | Cast Iron | Axial grinder

Art.	Dimensions	Stem	Grit	Pack
RGP030/20C	30 x 20 mm	6 mm	COARSE	10
RGP030/20M	30 x 20 mm	6 mm	MEDIUM	10
RGP030/20F	30 x 20 mm	6 mm	FINE	10
RGP030/20VF	30 x 20 mm	6 mm	VERY FINE	10
RGP040/20C	40 x 20 mm	6 mm	COARSE	10
RGP040/20M	40 x 20 mm	6 mm	MEDIUM	10
RGP040/20F	40 x 20 mm	6 mm	FINE	10
RGP040/20VF	40 x 20 mm	6 mm	VERY FINE	10
RGP050/30C	50 x 30 mm	6 mm	COARSE	10
RGP050/30M	50 x 30 mm	6 mm	MEDIUM	10
RGP050/30F	50 x 30 mm	6 mm	FINE	10
RGP050/30VF	50 x 30 mm	6 mm	VERY FINE	10
RGP060/30C	60 x 30 mm	6 mm	COARSE	10
RGP060/30M	60 x 30 mm	6 mm	MEDIUM	10
RGP060/30F	60 x 30 mm	6 mm	FINE	10
RGP060/30VF	60 x 30 mm	6 mm	VERY FINE	10
RGP080/50C	80 x 50 mm	6 mm	COARSE	10
RGP080/50M	80 x 50 mm	6 mm	MEDIUM	10
RGP080/50F	80 x 50 mm	6 mm	FINE	10
RGP080/50VF	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 | Roughing | Steel | Aluminum | Wood | Cast Iron | Surface Prep. | Angle grinder

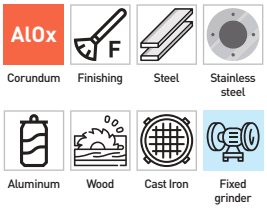
Art.	Size	Thread	Grit	rpm max
RLF115/040	Ø 115 x 20 mm	M14	40	9000
RLF115/060	Ø 115 x 20 mm	M14	60	9000
RLF115/080	Ø 115 x 20 mm	M14	80	9000
RLF115/120	Ø 115 x 20 mm	M14	120	9000
RLF125/040	Ø 115 x 20 mm	M14	40	9000
RLF125/060	Ø 125 X 20 mm	M14	60	9000
RLF125/080	Ø 125 X 20 mm	M14	80	9000
RLF125/120	Ø 125 X 20 mm	M14	120	9000

RFPX

NONWOVEN WHEELS WITH BORE

Made of nonwoven, flaps radially arranged.



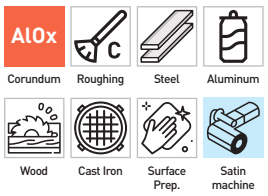


Art.	Dimensions	Grit	Internal diameter
RFP165/50M	165 x 50 mm	Medium	65 mm
RFP165/50F	165 x 50 mm	Fine	65 mm
RFP165/50VF	165 x 50 mm	Very Fine	65 mm
RFP200/50M	200 x 50 mm	Medium	105 mm
RFP200/50F	200 x 50 mm	Fine	105 mm
RFP200/50VF	200 x 50 mm	Very Fine	105 mm

RLTX

ABRASIVE CLOTH WHEELS



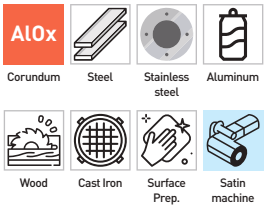


Art.	Dimensions	Grit	Hole diameter
RLT050/040	100 x 50 mm	40	19 mm
RLT050/060	100 x 50 mm	60	19 mm
RLT050/080	100 x 50 mm	80	19 mm
RLT050/120	100 x 50 mm	120	19 mm
RLT100/040	100 x 100 mm	40	19 mm
RLT100/060	100 x 100 mm	60	19 mm
RLT100/080	100 x 100 mm	80	19 mm
RLT100/120	100 x 100 mm	120	19 mm

RLMX

MIXED NONWOVEN WHEELS





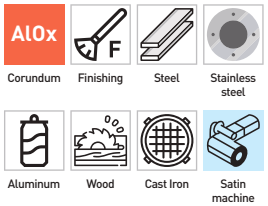
Art.	Dimensions	Cloth	Grit	Hole diameter
RLM100/060C	100 x 100 mm	A/C	60	19 mm
RLM100/080M	100 x 100 mm	A/M	80	19 mm
RLM100/150F	100 x 100 mm	A/F	150	19 mm

RLPX

NONWOVEN WHEELS

Diversified color according to the grit.



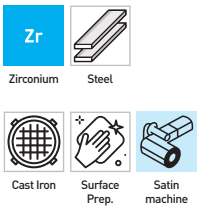


Art.	Dimensions	Grit	Hole diameter
RLP100/C	100 x 100 mm	A/O-C	19 mm
RLP100/M	100 x 100 mm	A/O-M	19 mm
RLP100/F	100 x 100 mm	A/O-F	19 mm
RLP100/VF	100 x 100 mm	A/O-VF	19 mm

NAS100X-Z

ZIRCONIUM CLOTH BELTS



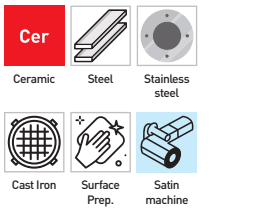


Art.	Dimensions	Grit
NAS100/040Z	90 x 100 mm	40
NAS100/060Z	90 x 100 mm	60
NAS100/080Z	90 x 100 mm	80
NAS100/120Z	90 x 100 mm	120

NAS100X-C

CERAMIC BELTS



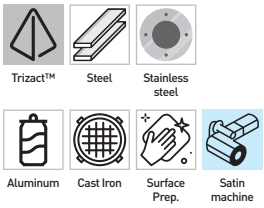


Art.	Dimensions	Grit
NAS100/040C	90 x 100 mm	40
NAS100/060C	90 x 100 mm	60
NAS100/080C	90 x 100 mm	80
NAS100/120C	90 x 100 mm	120

NAT100X

TRIZACT BELTS



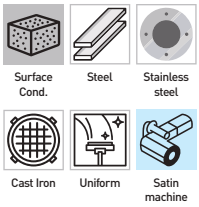


Art.	Dimensions	Grit
NAT100/A006	90 x 100 mm	A6
NAT100/A016	90 x 100 mm	A16
NAT100/A030	90 x 100 mm	A30
NAT100/A045	90 x 100 mm	A45
NAT100/A065	90 x 100 mm	A65
NAT100/A100	90 x 100 mm	A100
NAT100/A160	90 x 100 mm	A160

SCSX

SURFACE CONDITIONING BELTS





Art.	Dimensions	Grit
SCS100/C	90 x 100 mm	Coarse
SCS100/M	90 x 100 mm	Medium
SCS100/VF	90 x 100 mm	Very fine

RPW090

RUBBER PNEUMATIC WHEEL





Dimensions	90 x 90 mm
Hole	19,1 mm
rpm max	6000

ERW100

CENTRIFUGAL EXPANDING WHEEL





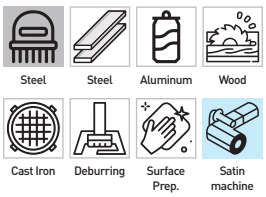
Dimensions	90 x 100 mm
Hole	19,1 mm
rpm max	6000

SWS100

BRASS STEEL WIRE WHEELS

For deburring, stripping, removing rust and calamine and rusticating wood.





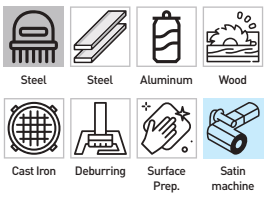
Dimensions	100 x 100 mm
Hole	19,1 mm
Wire	0,3 mm
rpm max	6800

SWS100/M

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

ABRASIVE NYLON WIRE WHEELS





Dimensions	100 x 100 mm
Hole	19,1 mm
Grit	80
rpm max	6800

NWS100/M

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

SCW100

NEW

WHEELS IN CLEAN STRIP





Dimensions	100 x 100 mm
Hole	13 mm
rpm max	3700



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 | C Roughing | Steel | Stainless steel | Cast Iron | Deburring | 10 - 15° | Angle grinder | made in Italy

Art.	Dimensions	Hardness	rpm max	Pack
FDC115/036	115 x 22,23 mm	SG 36	13300	25
FDC115/060	115 x 22,23 mm	SG 60	13300	25
FDC115/120	115 x 22,23 mm	SG 120	13300	25
FDC125/036	125 x 22,23 mm	SG 36	12250	25

DFVX-XZ

VELCRO 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 | C Roughing | Steel | Stainless steel | Cast Iron | Deburring | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DFV115/036Z	115 x 22 mm	36	13300	25
DFV115/040Z	115 x 22 mm	40	13300	25
DFV115/060Z	115 x 22 mm	60	13300	25
DFV115/080Z	115 x 22 mm	80	13300	25
DFV115/120Z	115 x 22 mm	120	13300	25
DFV180/036Z	180 x 22 mm	36	8600	25
DFV180/040Z	180 x 22 mm	40	8600	25
DFV180/060Z	180 x 22 mm	60	8600	25
DFV180/080Z	180 x 22 mm	80	8600	25
DFV180/120Z	180 x 22 mm	120	8600	25

DFVX-XA

ADHESIVE 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 | C Roughing | Steel | Aluminum | Wood | Deburring | 0 - 15° | Angle grinder

Art.	Dimensions	Grit	rpm max	Pack
DFV115/024A	115 x 22 mm	24	13300	25
DFV115/036A	115 x 22 mm	36	13300	25
DFV115/060A	115 x 22 mm	60	13300	25
DFV115/080A	115 x 22 mm	80	13300	25
DFV115/120A	115 x 22 mm	120	13300	25
DFV180/024A	180 x 22 mm	24	8600	25
DFV180/036A	180 x 22 mm	36	8600	25
DFV180/060A	180 x 22 mm	60	8600	25
DFV180/080A	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	115 mm	M14	13300
PFB180	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	115 mm	M14	13300
PFS180	180 mm	M14	8500

MDAXZT

FAST LOCK ZIRCONIUM TOP SIZE

Fast lock. Long life, deburring and blending small areas, grinding edges.



Zr Zirconium | Nylon | TR male | Roughing | Steel

Stainless steel | Cast Iron | Deburring | 0 - 15° | Axial grinder

Art.	Diameter ø	Grit	rpm max	Pack
MDA050/036ZT	50 mm	36	25000	25
MDA050/060ZT	50 mm	60	25000	25
MDA050/080ZT	50 mm	80	25000	25
MDA050/120ZT	50 mm	120	25000	25
MDA075/036ZT	75 mm	36	20000	25
MDA075/060ZT	75 mm	60	20000	25
MDA075/080ZT	75 mm	80	20000	25
MDA075/120ZT	75 mm	120	20000	25

D17X

ADHESIVE ABRASIVE DISCS



AlOx Corundum | Steel | Aluminum

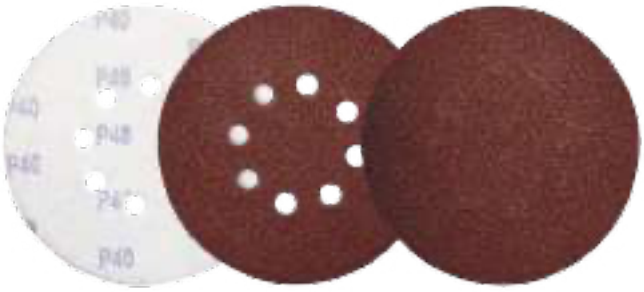
Wood | Surface Prep. | Fixed Sander

Art.	Sizes	Grit	Pack
D174	150 mm	60	10
D175	150 mm	100	10
D178/060	200 mm	60	10
D178/100	200 mm	100	10
D176	226 mm	60	10
D177	226 mm	100	10

VDAX

VELCRO DISCS

Corundum resin coated on heavy paper (weight F), closed coat.



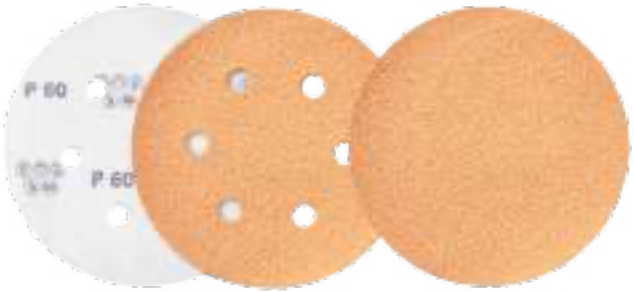
Corundum | Steel | Aluminum | Wood | Leather | Surface Prep. | Orbital sander

Art.	Diameter ø	Holes	Grit	Pack
VDA115/040	115 mm	-	40	50
VDA115/060	115 mm	-	60	100
VDA115/080	115 mm	-	80	100
VDA115/100	115 mm	-	100	100
VDA115/120	115 mm	-	120	100
VDA115/180	115 mm	-	180	100
VDA115/220	115 mm	-	220	100
VDA125/40F8	125 mm	8	40	50
VDA125/60F8	125 mm	8	60	100
VDA125/80F8	125 mm	8	80	100
VDA125/100F8	125 mm	8	100	100
VDA125/120F8	125 mm	8	120	100
VDA125/180F8	125 mm	8	180	100
VDA125/220F8	125 mm	8	220	100
VDA150/040	150 mm	-	40	50
VDA150/060	150 mm	-	60	100
VDA150/080	150 mm	-	80	100
VDA150/100	150 mm	-	100	100
VDA150/120	150 mm	-	120	100
VDA150/180	150 mm	-	180	100
VDA150/220	150 mm	-	220	100
VDA150/040F6	150 mm	6	40	50
VDA150/060F6	150 mm	6	60	100
VDA150/080F6	150 mm	6	80	100
VDA150/100F6	150 mm	6	100	100
VDA150/120F6	150 mm	6	120	100
VDA150/180F6	150 mm	6	180	100
VDA150/220F6	150 mm	6	220	100
VDA150/040F8	150 mm	8	40	10
VDA150/060F8	150 mm	8	60	10
VDA150/080F8	150 mm	8	80	10
VDA150/100F8	150 mm	8	100	10
VDA150/120F8	150 mm	8	120	10
VDA150/180F8	150 mm	8	180	10
VDA150/220F8	150 mm	8	220	10

VDGX

VELCRO DISCS "GOLD"

Double resin corundum stearate on light paper (weight C), semi-open coating. The addition of zinc stearate prevents clogging.



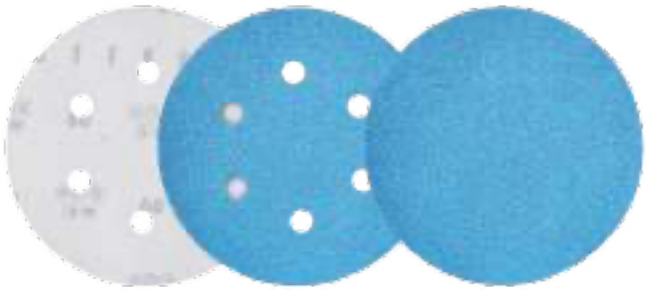
Corundum | Aluminum | Wood | Paints | Plaster | Composites | Surface Prep. | Dry | Orbital sander

Art.	Diameter	Grit	Holes	Pack
VDG150/060	Ø 150 mm	60	-	100
VDG150/080	Ø 150 mm	80	-	100
VDG150/120	Ø 150 mm	120	-	100
VDG150/150	Ø 150 mm	150	-	100
VDG150/180	Ø 150 mm	180	-	100
VDG150/220	Ø 150 mm	220	-	100
VDG150/320	Ø 150 mm	320	-	100
VDG150/400	Ø 150 mm	400	-	100
VDG150/600	Ø 150 mm	600	-	100
VDG150/800	Ø 150 mm	800	-	100
VDG150/060F6	Ø 150 mm	60	6	100
VDG150/080F6	Ø 150 mm	80	6	100
VDG150/120F6	Ø 150 mm	120	6	100
VDG150/150F6	Ø 150 mm	150	6	100
VDG150/180F6	Ø 150 mm	180	6	100
VDG150/220F6	Ø 150 mm	220	6	100
VDG150/320F6	Ø 150 mm	320	6	100
VDG150/400F6	Ø 150 mm	400	6	100
VDG150/600F6	Ø 150 mm	600	6	100
VDG150/800F6	Ø 150 mm	800	6	100
VDG150/060F8	Ø 150 mm	60	8	100
VDG150/080F8	Ø 150 mm	80	8	100
VDG150/120F8	Ø 150 mm	120	8	100
VDG150/150F8	Ø 150 mm	150	8	100
VDG150/180F8	Ø 150 mm	180	8	100
VDG150/220F8	Ø 150 mm	220	8	100
VDG150/320F8	Ø 150 mm	320	8	100
VDG150/400F8	Ø 150 mm	400	8	100
VDG150/600F8	Ø 150 mm	600	8	100
VDG150/800F8	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.



Al0x Corundum · Aluminum · Wood · Paints · Plaster · Composites · Surface Prep. · Dry · Orbital sander

Art.	Diameter ø	Holes	Grit	Pack
ZSA150/080	150 mm	-	80	100
ZSA150/120	150 mm	-	120	100
ZSA150/180	150 mm	-	180	100
ZSA150/240	150 mm	-	240	100
ZSA150/320	150 mm	-	320	100
ZSA150/400	150 mm	-	400	100
ZSA150/80F6	150 mm	6	80	100
ZSA150/120F6	150 mm	6	120	100
ZSA150/180F6	150 mm	6	180	100
ZSA150/240F6	150 mm	6	240	100
ZSA150/320F6	150 mm	6	320	100
ZSA150/400F6	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 · Orbital sander

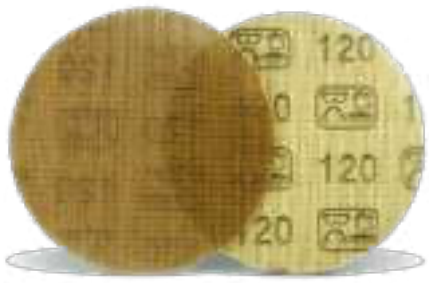


Art.	Diameter ø	Grit	Pack
VDZ115/040	115 mm	40	50
VDZ115/060	115 mm	60	100
VDZ115/080	115 mm	80	100
VDZ115/120	115 mm	120	100
VDZ125/040	125 mm	40	100
VDZ125/060	125 mm	60	100
VDZ125/080	125 mm	80	100
VDZ125/120	125 mm	120	100
VDZ150/040	150 mm	40	50
VDZ150/060	150 mm	60	100
VDZ150/080	150 mm	80	100
VDZ150/120	150 mm	120	100
VDZ150/040F8	150 mm	40	10
VDZ150/060F8	150 mm	60	10
VDZ150/080F8	150 mm	80	10
VDZ150/100F8	150 mm	100	10
VDZ150/120F8	150 mm	120	10

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 · Plaster · Composites · Surface Prep. · Water · Dry · Angle grinder · Orbital sander

Art.	Diameter ø	Grit	Pack
VDR150/080	150 mm	80	50
VDR150/120	150 mm	120	50
VDR150/180	150 mm	180	50
VDR150/240	150 mm	240	50
VDR150/320	150 mm	320	50
VDR150/400	150 mm	400	50
VDR150/600	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	115 mm	M14	13300
PDB125/M14	125 mm	M14	12200
PDB150/M14	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	115 mm	12 mm	M14	13300
PDM125/12M14	125 mm	12 mm	M14	12200
PDM150/12M14	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	125 mm	18 mm	M14	6800
PME150/12M14	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	115 mm	M14
PDV125/M14	125 mm	M14
PDV150/M14	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	125 mm	27 mm	M14	8000
PPS150/29M14	150 mm	29 mm	M14	7000

0459

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	Stem	Holes	rpm max
PFL125/10F8	125 mm	10 mm	5/16" mm	8	12000
PFL150/10	150 mm	10 mm	5/16" mm	-	10000
PFL150/10F6	150 mm	10 mm	5/16" mm	6	10000

TEV120

BLOCK FOR VELCRO DISCS

Ergonomic shape, quick change of the abrasive sheet.



Dry · Manual use

Size	70 x 120 mm

TDV

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.



AlOx Corundum · Steel · Wood · Cast Iron · Surface Prep. · Uniform · Dry · Orbital sander · Manual use

Art.	Dimensions	Grit
RAS40	50 mm x 25 m	40
RAS60	50 mm x 25 m	60
RAS80	50 mm x 25 m	80
RAS120	50 mm x 25 m	120
RAS180	50 mm x 25 m	180
RAS220	50 mm x 25 m	220
RAS320	50 mm x 25 m	320
RAS400	50 mm x 25 m	400

RSSX

ANTI-WASTE SPONGE ROLLS

Corundum self-lubricating C weight paper coupled with sponge.



AlOx Corundum · Steel

Plastic · Wood · Cast Iron · Paints · Plaster · Surface Prep. · Uniform · Dry · Manual use

Art.	Dimensions	Grit
RSS150	115 mm x 25 m	150
RSS180	115 mm x 25 m	180
RSS240	115 mm x 25 m	240
RSS320	115 mm x 25 m	320
RSS400	115 mm x 25 m	400
RSS500	115 mm x 25 m	500
RSS600	115 mm x 25 m	600
RSS800	115 mm x 25 m	800
RSS1000	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, plaster and metal.



AlOx Corundum · Steel · Plastic · Wood · Cast Iron

Leather · Plaster · Surface Prep. · Uniform · Dry · Manual use

Art.	Dimensions	Grit
RSR115/050/040	115 x 25 m	40
RSR115/050/060	115 x 25 m	60
RSR115/050/080	115 x 25 m	80
RSR115/050/120	115 x 25 m	120

RSAX

LUBRICANT VELCRO PAPER ROLLS

Corundum stearate on light paper (C weight), semi-open coating, dry use.



AlOx Corundum · Aluminum · Wood · Paints · Plaster

Composites · Surface Prep. · Uniform · Dry · Manual use

Art.	Dimensions	Grit
RSA115/25/080	115 mm x 25 m	80
RSA115/25/120	115 mm x 25 m	120
RSA115/25/150	115 mm x 25 m	150
RSA115/25/180	115 mm x 25 m	180
RSA115/25/220	115 mm x 25 m	220
RSA115/25/320	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	230 x 280 mm	40	50
FTR230/060	230 x 280 mm	60	50
FTR230/080	230 x 280 mm	80	50
FTR230/120	230 x 280 mm	120	50
FTR230/180	230 x 280 mm	180	50
FTR230/220	230 x 280 mm	220	50
FTR230/320	230 x 280 mm	320	50
FTR230/400	230 x 280 mm	400	50
FTR230/600	230 x 280 mm	600	50

CARX

RECTANGULAR ABRASIVE PAPER



Al0x Corundum · Steel · Aluminum · Wood · Leather · Surface Prep. · Orbital sander

Art.	Dimensions	Holes	Grit	Pack
CAR115280/060	280 x 115 mm	14	60	10
CAR115280/080	280 x 115 mm	14	80	10
CAR115280/120	280 x 115 mm	14	120	10

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
RTF120/050/040	115 mm x 50 m	40	10
RTF120/050/060	115 mm x 50 m	60	10
RTF120/050/080	115 mm x 50 m	80	10
RTF120/050/100	115 mm x 50 m	100	10
RTF120/050/120	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
RCL115/100/120	115 mm x 100 m	120
RCL115/100/150	115 mm x 100 m	150
RCL115/100/180	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.



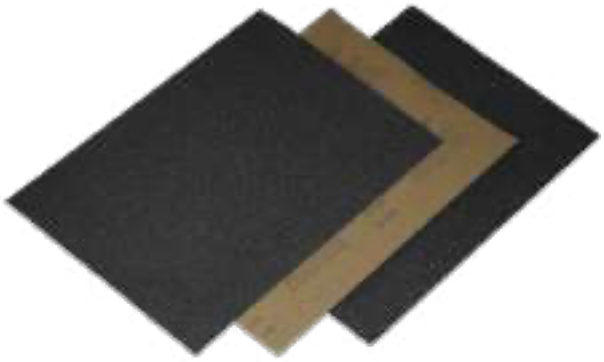
Al0x Corundum · Wood · Paints · Plaster · Composites · Surface Prep. · Uniform · Dry · Manual use

Art.	Dimensions	Grit
RCS115/050/150	115 mm x 50 m	150
RCS115/050/180	115 mm x 50 m	180
RCS115/050/240	115 mm x 50 m	240
RCS115/050/320	115 mm x 50 m	320
RCS115/050/400	115 mm x 50 m	400
RCS115/050/600	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 · Finishing · Steel · Aluminum · Plastic · Paints

Composites · Uniform · Water · Dry · Axial grinder · Manual use

Art.	Dimensions	Grit	Pack
FLI230/240	230 x 280 mm	240	100
FLI230/320	230 x 280 mm	320	100
FLI230/400	230 x 280 mm	400	100
FLI230/600	230 x 280 mm	600	100
FLI230/800	230 x 280 mm	800	100
FLI230/1000	230 x 280 mm	1000	100
FLI230/1200	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 · Finishing · Steel · Stainless steel · Aluminum · Uniform · Dry · Axial grinder

Art.	Dimensions	Grit	rpm max	Pack
SPI1020/040Z	10 x 20 mm	40	36000	100
SPI1020/060Z	10 x 20 mm	60	36000	100
SPI1020/080Z	10 x 20 mm	80	36000	100
SPI1020/120Z	10 x 20 mm	120	36000	100
SPI1530/040Z	15 x 30 mm	40	26000	100
SPI1530/060Z	15 x 30 mm	60	26000	100
SPI1530/080Z	15 x 30 mm	80	26000	100
SPI1530/120Z	15 x 30 mm	120	26000	100
SPI2030/040Z	20 x 30 mm	40	18000	100
SPI2030/060Z	20 x 30 mm	60	18000	100
SPI2030/080Z	20 x 30 mm	80	18000	100
SPI2030/120Z	20 x 30 mm	120	18000	100
SPI2220/040Z	22 x 20 mm	40	17000	100
SPI2220/060Z	22 x 20 mm	60	17000	100
SPI2220/080Z	22 x 20 mm	80	17000	100
SPI2220/120Z	22 x 20 mm	120	17000	100
SPI2525/040Z	25 x 25 mm	40	15000	100
SPI2525/060Z	25 x 25 mm	60	15000	100
SPI2525/080Z	25 x 25 mm	80	15000	100
SPI2525/120Z	25 x 25 mm	120	15000	100
SPI3030/040Z	30 x 30 mm	40	13000	100
SPI3030/060Z	30 x 30 mm	60	13000	100
SPI3030/080Z	30 x 30 mm	80	13000	100
SPI3030/120Z	30 x 30 mm	120	13000	100
SPI4530/040Z	45 x 30 mm	40	8500	100
SPI4530/060Z	45 x 30 mm	60	8500	100
SPI4530/080Z	45 x 30 mm	80	8500	100
SPI4530/120Z	45 x 30 mm	120	8500	100

SGCX

RUBBER HOLDERS

Expansion rubber holders, used to fix spirabands.



Axial grinder

Art.	Dimensions	Stem	rpm max
SGC1020	10 x 20 mm	6 mm	36000
SGC1530	15 x 30 mm	6 mm	26000
SGC2030	20 x 30 mm	6 mm	18000
SGC2220	22 x 20 mm	6 mm	17000
SGC2525	25 x 25 mm	6 mm	15000
SGC3030	30 x 30 mm	6 mm	13300
SGC4530	45 x 30 mm	6 mm	8500

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.



AlOx Corundum · Steel · Stainless steel · Aluminum · Plastic · Cast Iron · Deburring · Axial grinder

Art.	Dimensions	Grit	Shape	Pack
CRD0638/060C	6 x 38 mm	60	Cylindrical	50
CRD0638/080C	6 x 38 mm	80	Cylindrical	50
CRD0638/120C	6 x 38 mm	120	Cylindrical	50
CRD1038/040C	10 x 38 mm	40	Cylindrical	50
CRD1038/060C	10 x 38 mm	60	Cylindrical	50
CRD1038/080C	10 x 38 mm	80	Cylindrical	50
CRD1038/120C	10 x 38 mm	120	Cylindrical	50

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.



AlOx Corundum · Steel · Stainless steel · Aluminum · Plastic · Cast Iron · Deburring · Axial grinder

Art.	Dimensions	Grit	Shape	Pack
CRD1038/060T	10 x 38 mm	60	Conical	50
CRD1038/080T	10 x 38 mm	80	Conical	50
CRD1038/120T	10 x 38 mm	120	Conical	50
CRD1238/060T	12 x 38 mm	60	Conical	50
CRD1238/080T	12 x 38 mm	80	Conical	50
CRD1238/120T	12 x 38 mm	120	Conical	50

PCR6338

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	440 x 35 mm	40	10
NT0440/035/060A	440 x 35 mm	60	10
NT0440/035/080A	440 x 35 mm	80	10
NT0440/035/120A	440 x 35 mm	120	10
NT0533/075/040A	533 x 75 mm	40	10
NT0533/075/060A	533 x 75 mm	60	10
NT0533/075/080A	533 x 75 mm	80	10
NT0533/075/120A	533 x 75 mm	120	10
NT0686/050/040A	686 x 50 mm	40	10
NT0686/050/060A	686 x 50 mm	60	10
NT0686/050/080A	686 x 50 mm	80	10
NT0686/050/100A	686 x 50 mm	100	10
NT0686/050/120A	686 x 50 mm	120	10
NT0914/100/040A	914 x 100 mm	40	10
NT0914/100/060A	914 x 100 mm	60	10
NT0914/100/080A	914 x 100 mm	80	10
NT0914/100/100A	914 x 100 mm	100	10
NT0914/100/120A	914 x 100 mm	120	10
NT1000/100/040A	1000 x 100 mm	40	10
NT1000/100/060A	1000 x 100 mm	60	10
NT1000/100/080A	1000 x 100 mm	80	10
NT1000/100/120A	1000 x 100 mm	120	10
NT1075/025/040A	1075 x 25 mm	40	10
NT1075/025/060A	1075 x 25 mm	60	10
NT1075/025/080A	1075 x 25 mm	80	10
NT1075/025/100A	1075 x 25 mm	100	10
NT1075/025/120A	1075 x 25 mm	120	10
NT1219/152/040A	1219 x 152 mm	40	10
NT1219/152/060A	1219 x 152 mm	60	10
NT1219/152/080A	1219 x 152 mm	80	10
NT1219/152/100A	1219 x 152 mm	100	10
NT1219/152/120A	1219 x 152 mm	120	10
NT1500/120/040A	1500 x 120 mm	40	10
NT1500/120/060A	1500 x 120 mm	60	10
NT1500/120/080A	1500 x 120 mm	80	10
NT1500/120/120A	1500 x 120 mm	120	10
NT1750/150/040A	1750 x 150 mm	40	10
NT1750/150/060A	1750 x 150 mm	60	10
NT1750/150/080A	1750 x 150 mm	80	10
NT1750/150/120A	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	330 x 10 mm	40	10
NT0330/010/060Z	330 x 10 mm	60	10
NT0330/010/080Z	330 x 10 mm	80	10
NT0330/010/120Z	330 x 10 mm	120	10
NT520/020/040Z	520 x 20 mm	40	10
NT520/020/060Z	520 x 20 mm	60	10
NT520/020/080Z	520 x 20 mm	80	10
NT520/020/120Z	520 x 20 mm	120	10
NT0610/100/040Z	610 x 100 mm	40	10
NT0610/100/060Z	610 x 100 mm	60	10
NT0610/100/080Z	610 x 100 mm	80	10
NT0610/100/120Z	610 x 100 mm	120	10
NT0760/040/040Z	760 x 40 mm	40	10
NT0760/040/060Z	760 x 40 mm	60	10
NT0760/040/080Z	760 x 40 mm	80	10
NT0760/040/120Z	760 x 40 mm	120	10
NT0914/100/040Z	914 x 100 mm	40	10
NT0914/100/060Z	914 x 100 mm	60	10
NT0914/100/080Z	914 x 100 mm	80	10
NT0914/100/120Z	914 x 100 mm	120	10
NT1000/100/040Z	1000 x 100 mm	40	10
NT1000/100/060Z	1000 x 100 mm	60	10
NT1000/100/080Z	1000 x 100 mm	80	10
NT1000/100/120Z	1000 x 100 mm	120	10
NT1219/152/040Z	1219 x 152 mm	40	10
NT1219/152/060Z	1219 x 152 mm	60	10
NT1219/152/080Z	1219 x 152 mm	80	10
NT1219/152/120Z	1219 x 152 mm	120	10
NT1500/120/040Z	1500 x 120 mm	40	10
NT1500/120/060Z	1500 x 120 mm	60	10
NT1500/120/080Z	1500 x 120 mm	80	10
NT1500/120/120Z	1500 x 120 mm	120	10
NT1750/150/040Z	1750 x 150 mm	40	10
NT1750/150/060Z	1750 x 150 mm	60	10
NT1750/150/080Z	1750 x 150 mm	80	10
NT1750/150/120Z	1750 x 150 mm	120	10
NT2000/050/040Z	2000 x 50 mm	40	10
NT2000/050/060Z	2000 x 50 mm	60	10
NT2000/050/080Z	2000 x 50 mm	80	10
NT2000/050/120Z	2000 x 50 mm	120	10
NT2000/150/040Z	2000 x 150 mm	40	10
NT2000/150/060Z	2000 x 150 mm	60	10
NT2000/150/080Z	2000 x 150 mm	80	10
NT2000/150/120Z	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	Ø 115 x 22 mm	Coarse	13300	10
SCD115/M	Ø 115 x 22 mm	Medium	13300	10
SCD115/VF	Ø 115 x 22 mm	Very Fine	13300	10
SCD125/C	Ø 125 x 22 mm	Coarse	12200	10
SCD125/M	Ø 125 x 22 mm	Medium	12200	10
SCD125/VF	Ø 125 x 22 mm	Very Fine	12200	10

SPA115/M14

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	115 mm	Coarse (80)	5100	10
VSC115/120M	115 mm	Medium (120)	5100	10
VSC115/240VF	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	50 mm	Coarse	25000	10
MSC050/M	50 mm	Medium	25000	10
MSC050/VF	50 mm	Very Fine	25000	10
MSC075/C	75 mm	Coarse	20000	25
MSC075/M	75 mm	Medium	20000	25
MSC075/VF	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	115 mm x 10 m	A.Medium (120)
PAR115/180AF	115 mm x 10 m	A.Fine (180)
PAR115/320AVF	115 mm x 10 m	A.Very Fine (320)
PAR115/600AUF	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	115 x 280 mm	A.Medium (120)	10
FPA120/F	115 x 280 mm	A.Fine (180)	10
FPA120/VF	115 x 280 mm	A.Very Fine (320)	10
FPA120/UF	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	115 x 22 mm	11000	5
CSCD/F180	180 x 22 mm	7000	5
CSCD/F115HD	115 x 22 mm	11000	5

ADF-

FASTENING SHAFT



Steel | Stainless steel | Cast Iron | Portable Drill

Art.	Dimensions	Type	Pack
ADF/01	10 x 6 mm	25	10
ADF/02	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 | Made In RIFLEX

Art.	Diameter	rpm max
CSDS/100	100 mm	8000
CSDS/150	150 mm	5350
CSDS/200	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

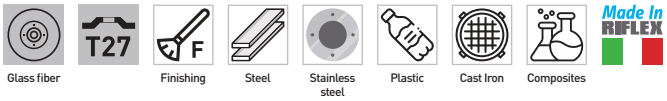
Art.	Diameter ø	rpm max	Pack
CSF/050	50 mm	12000	10
CSF/075	75 mm	8000	10



UNCD-

NON WOVEN ABRASIVE DISCS FOR SURFACE FINISHING

Impregnated with resin and compressed.



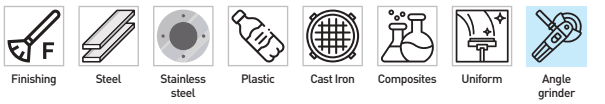


Art.	Dimensions	Grit	rpm max	Pack
UNCD/F115F	115 x 22 mm	S/C-F	11000	5
UNCD/F115M	115 x 22 mm	S/C-M	11000	5
UNCD/F115C	115 x 22 mm	A/O-C	11000	5

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.





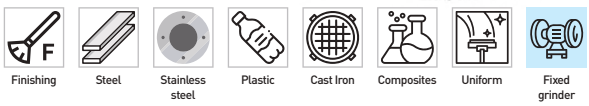
Art.	Diameter ø	Thickness	Hole	Grit	rpm max	Pack
UNP115/6/3SF	115 mm	6 mm	22 mm	3 S.Fine	5000	5
UNP115/6/6SM	115 mm	6 mm	22 mm	6 S.Medium	5000	5
UNP125/6/3SF	125 mm	6 mm	22 mm	3 S.Fine	5000	5
UNP125/6/6SM	125 mm	6 mm	22 mm	6 S.Medium	5000	5

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	150 mm	6 mm	25 mm	3 A.Medium	5000	5
UNF150/6/6SF	150 mm	6 mm	25 mm	6 S.Fine	5000	5
UNF150/6/6AC	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	75 mm	2SF	20000
MDU075/6SF	75 mm	6SF	20000
MDU075/6AM	75 mm	6AM	20000

PAS-

GRINDING PASTES

White: greasy paste to accompany roughing and first pass with sisal, buffer, steel wire or nylon thread. For brass, silver, zamak, stainless steel. Pink: medium/fatty paste for polishing and shining; accompanies cloth in the second pass and in polishing brass, silver, aluminum, chrome and zamak. Green: medium-fat paste to accompany sisal in finishing stainless. Yellow: very sharp for removing scratches from precious and silverware.



Finishing

Art.	Colour	Net weight
PAS/W	White	730 g
PAS/P	Pink	950 g
PAS/Y	Yellow	680 g
PAS/G	Green	860 g
PAS/B	Blue	950 g

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	Ø 115 x 22 mm	6000	10
DLF125	Ø 125 x 22 mm	6000	10

S169

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

Net weight	250 g

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	50 mm	25000	10
MDF075	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

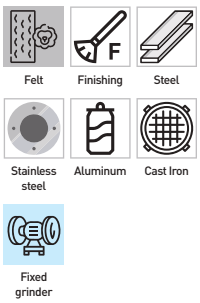


Art.	Diameter ø	Thickness	Stem	rpm max	Pack
RGF030/30	30 mm	30 mm	6 mm	12500	10
RGF040/30	40 mm	30 mm	6 mm	9500	10
RGF050/30	50 mm	30 mm	6 mm	7500	10
RGF060/30	60 mm	30 mm	6 mm	6000	10
RGF080/30	80 mm	30 mm	6 mm	4500	10

DFFX

FELT DISCS

Suited for polishing. To be used with compound or diamond paste. best peripheral speed 5-10 m/s.



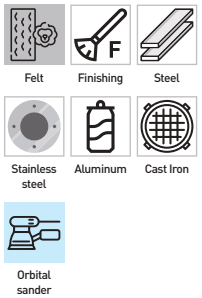


Art.	Diameter ø	Thickness	Hole
DFF100/13	100 mm	13 mm	10 mm
DFF150/13	150 mm	13 mm	15 mm
DFF150/25	150 mm	25 mm	15 mm
DFF200/13	200 mm	13 mm	15 mm
DFF200/25	200 mm	25 mm	15 mm

VDFX

VELCRO FELT DISCS

Suited for polishing. To be used with compound or diamond paste.



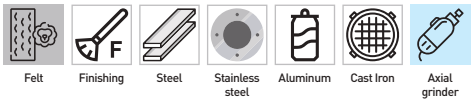


Art.	Diameter ø	Thickness	rpm max	Pack
VDF075	75 mm	5 mm	6000	10
VDF115	115 mm	5 mm	4000	10
VDF125	125 mm	5 mm	3500	10
VDF150	150 mm	5 mm	3000	10
VDF180	180 mm	5 mm	2500	10

MFGX

FELT POINT

Suited for polishing cut off forms. To be used with diamond paste. Best peripheral speed 5-10 m/s.



Art.	Shape	Diameter ø	Thickness	Stem	Pack
MFG0610/03A	A	6 mm	10 mm	3 mm	10
MFG0810/03A	A	8 mm	10 mm	3 mm	10
MFG1014/06A	A	10 mm	14 mm	6 mm	10
MFG1520/06A	A	15 mm	20 mm	6 mm	10
MFG0812/03K	K	8 mm	12 mm	3 mm	10
MFG1018/06K	K	10 mm	18 mm	6 mm	10



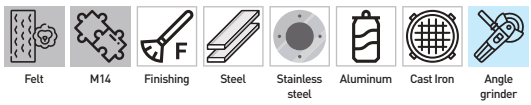
Art.	Shape	Diameter ø	Thickness	Stem	Pack
MFG1530/06K	K	15 mm	30 mm	6 mm	10
MFG1530/06C	C	15 mm	30 mm	6 mm	10
MFG2025/06C	C	20 mm	25 mm	6 mm	10
MFG2530/06C	C	25 mm	30 mm	6 mm	10
MFG2025/06L	L	20 mm	25 mm	6 mm	10
MFG2530/06L	L	25 mm	30 mm	6 mm	10

DFC115/M14

CONICAL FELT DISC

Suited for polishing. To be used with compound or diamond paste.



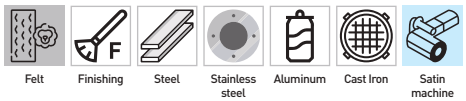


Diameter ø	115 mm
Thickness	12 mm
Thread	M14
rpm max	12500

RFF100

VENTILATED FELT WHEEL





Dimensions	110 x 100 mm
Hole diameter	19 mm

DCK100

VENTILATED COTTON DISCS

Mirror polishing. 10 discs to get a 100 mm wheel.

Cotton · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Satin machine



Diameter ø	100 mm
Hole	19,1 mm
Pack	10

DSK100

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.

Cotton · Sisal · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Satin machine



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.

Cotton · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Fixed grinder



Art.	Diameter ø	Hole
DCT150	150 mm	12 mm
DCT200	200 mm	20 mm
DCT250	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.

Cotton · Sisal · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Fixed grinder



Art.	Diameter ø	Hole
DSC150	150 mm	20 mm
DSC200	200 mm	20 mm
DSC250	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.

Sisal · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Fixed grinder



Art.	Diameter ø	Hole
DST150	150 mm	20 mm
DST200	200 mm	20 mm
DST250	250 mm	20 mm

DCVX

VENTILATED DISCS

Ventilated cotton discs.

Cotton · Finishing · Steel · Stainless steel · Aluminum · Cast Iron · Fixed grinder



Art.	Diameter ø	Hole	Layers
DCV150	150 mm	20 mm	8
DCV200	200 mm	20 mm	16

DMV150

VENTILATED DISC

Ventilated sisal and cotton disc.

Cotton, Sisal, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Fixed grinder



Diameter ø	150 mm
Hole	20 mm
Layers	2

DC200

CORRUGATED DISCS

Made of cotton with cardboard core.

Cotton, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Fixed grinder



Diameter ø	200 mm
Hole	20 mm
Layers	14

DNW100

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	Stem	Pack
DCG050	50 mm	12 mm	6 mm	10
DCG080	80 mm	12 mm	6 mm	10
DCG100	100 mm	12 mm	6 mm	10

FCGX

FLARE BUFFS

Cotton, Finishing, Steel, Stainless steel, Aluminum, Cast Iron, Axial grinder



Art.	Diameter ø	Stem	Pack
FCG50	50 mm	6 mm	10
FCG75	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	Stem	Pack
CCG50	50 mm	6 mm	5
CCG75	75 mm	6 mm	5

P. 310

PNS

SHAFT

Shaft for ventilated disc DNW.



Axial grinder

PLV175

BACKING PAD FOR LAMBS WOOL DISCS

Backing pad suited for VLA200.



M14 Orbital sander

Diameter ø	175 mm
Thread	M14

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	75 mm	M14	12200
VSP115	115 mm	M14	10000
VSP125	125 mm	M14	10000
VSP150	150 mm	M14	7000
VSP180	180 mm	M14	5000

VLA200

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

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	75 mm
VDL115	115 mm
VDL125	125 mm
VDL150	150 mm
VDL180	180 mm



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 Plaster Uniform Manual use

Art.	Dimensions	Grit	Pack
BSA100/060C	98 x 69 x 26 mm	Coarse (60)	20
BSA100/100M	98 x 69 x 26 mm	Medium (100)	20
BSA100/180F	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 Plaster Uniform Manual use

Art.	Dimensions	Grit	Pack
FSA120/060C	120 x 98 x 13 mm	Coarse (60)	20
FSA120/100M	120 x 98 x 13 mm	Medium (100)	20
FSA120/180F	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	80 x 50 x 20 mm	36
BGA8050/060	80 x 50 x 20 mm	60
BGA8050/120	80 x 50 x 20 mm	120
BGA8050/240	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. Black: final polishing.



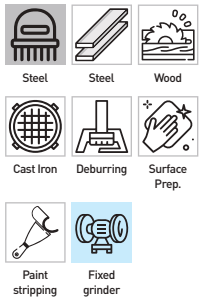
Finishing Steel Stainless steel Aluminum Cast Iron Paints Orbital sander

Art.	Diameter ø	Thickness	Colour	rpm max
SAL80Y	80 mm	25 mm	Yellow	8000
SAL80B	80 mm	25 mm	Blue	8000
SAL80O	80 mm	25 mm	Orange	8000
SAL80K	80 mm	25 mm	Black	8000
SAL150Y	150 mm	50 mm	Yellow	4500
SAL150B	150 mm	50 mm	Blue	4500
SAL150O	150 mm	50 mm	Orange	4500
SAL150K	150 mm	50 mm	Black	4500

SRFX

CIRCULAR BRUSHES

Medium to heavy brush applications: long life, aggressive, very resistant.



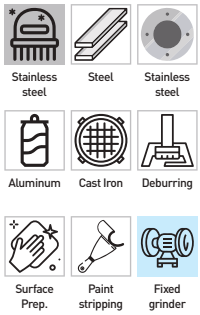


Art.	Dimensions	Hole	Wire	rpm max
SRF125/25	Ø 125 x 20 mm	16, 12,7 mm	0,3 mm	6000
SRF150/25	Ø 150 x 32 mm	25, 22, 20, 16, 12,7 mm	0,3 mm	6000
SRF175/25	Ø 175 x 32 mm	25, 22, 20, 16 mm	0,3 mm	6000
SRF200/25	Ø 200 x 32 mm	25, 22, 20, 16, 13 mm	0,3 mm	4500
SRF250/25	Ø 250 x 32 mm	25, 22, 20, 16 mm	0,3 mm	3000

SRFXI

CIRCULAR BRUSHES

Medium to heavy brush applications: long life, aggressive, very resistant.



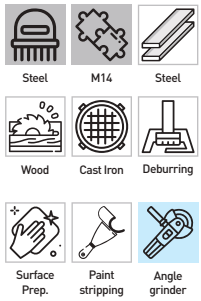


Art.	Dimensions	Hole	Wire	rpm max
SRF125/25I	Ø 125 x 20 mm	16, 12,7 mm	0,3 mm	6000
SRF150/25I	Ø 150 x 32 mm	25, 22, 20, 16, 12,7 mm	0,3 mm	6000
SRF175/25I	Ø 175 x 32 mm	25, 22, 20, 16 mm	0,3 mm	6000
SRF200/25I	Ø 200 x 32 mm	25, 22, 20, 16 mm	0,3 mm	4500
SRF250/25I	Ø 250 x 32 mm	25, 22, 20, 16 mm	0,3 mm	3000

STFX

CUP BRUSHES

Suited for angle grinders. Paint and primer removal, roughing, light rust removal.



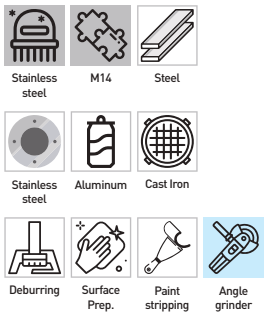


Art.	Diameter ø	Thread	Wire	rpm max
STF060	60 mm	M14	0,3 mm	12500
STF080	80 mm	M14	0,3 mm	11000
STF100	100 mm	M14	0,3 mm	8500
STF120	120 mm	M14	0,3 mm	6500

STFXI

CUP BRUSHES

Suited for angle grinders. Paint and primer removal, roughing, light rust removal.



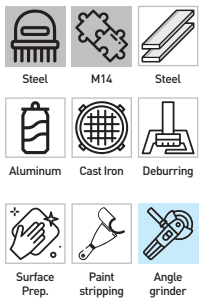


Art.	Diameter ø	Thread	Wire	rpm max
STF060I	60 mm	M14	0,3 mm	12500
STF080I	80 mm	M14	0,3 mm	11000
STF100I	100 mm	M14	0,3 mm	8500
STF120I	120 mm	M14	0,3 mm	6500

SCFX

BEVEL BRUSHES

Suited for angle grinders.



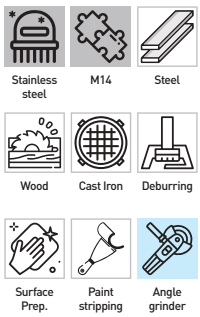


Art.	Thread	Wire	rpm max	Diameter ø
SCF090	M14	0,3 mm	12500	90 mm
SCF120	M14	0,3 mm	12500	120 mm
SCF150	M14	0,3 mm	6500	150 mm

SCFXI

BEVEL BRUSHES

Suited for angle grinders.



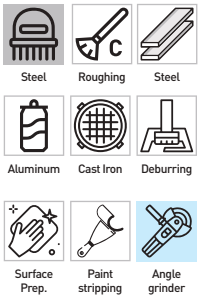


Art.	Thread	Wire	rpm max	Diameter ø
SCF090I	M14	0,3 mm	125000	90 mm
SCF120I	M14	0,3 mm	12500	120 mm
SCF150I	M14	0,3 mm	6000	150 mm

SRRX

TWISTED KNOTS CIRCULAR BRUSHES

Suited to clean welds and to remove paint, rust, encrustations and burrs. High operating speed.



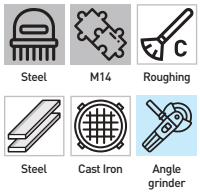


Art.	Diameter ø	Hole	Wire	rpm max
SRR100	100 mm	22 mm	0,5 mm	12500
SRR150	150 mm	22 mm	0,5 mm	9000
SRR200	200 mm	22 mm	0,5 mm	6000

SRRX-M14

TWISTED KNOTS CIRCULAR BRUSHES

Suited to clean welds and to remove paint, rust, encrustations and burrs. High operating speed.



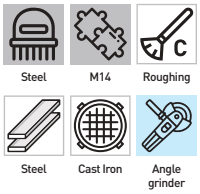


Art.	Diameter ø	Thread	Wire	rpm max
SRR100/M14	100 mm	M14	0,5 mm	12500
SRR115/M14	115 mm	M14	0,5 mm	12500
SRR125/M14	125 mm	M14	0,5 mm	11000

STRX

TWISTED KNOTS CUP BRUSHES

Suited to remove carbon, rust, paint and other contaminations.





Art.	Diameter ø	Thread	Wire	rpm max
STR065	65 mm	M14	0,5 mm	12500
STR075	75 mm	M14	0,5 mm	8500
STR080	80 mm	M14	0,5 mm	8500
STR100	100 mm	M14	0,5 mm	8500
STR120	120 mm	M14	0,5 mm	6500

STRXI

TWISTED KNOTS CUP BRUSHES

Suited to remove carbon, rust, paint and other contaminations.



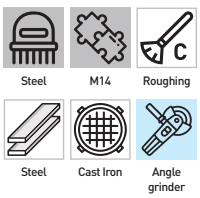


Art.	Diameter ø	Thread	Wire	rpm max
STR065I	65 mm	M14	0,5 mm	12500
STR075I	75 mm	M14	0,5 mm	8500
STR080I	80 mm	M14	0,5 mm	8500
STR100I	100 mm	M14	0,5 mm	8500
STR120I	120 mm	M14	0,5 mm	6500

SCRX

TWISTED KNOTS BEVEL BRUSHES

Suited to remove carbon, rust, paint and other contaminations. Tapered brush shaped to reach angles.



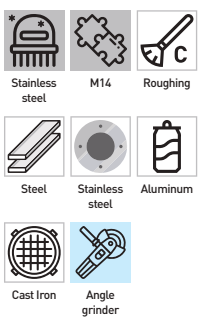


Art.	Diameter ø	Thread	Wire	rpm max
SCR100	100 mm	M14	0,5 mm	12500
SCR120	120 mm	M14	0,5 mm	12500

SCRXI

TWISTED KNOTS BEVEL BRUSHES

Suited to remove carbon, rust, paint and other contaminations. Tapered brush shaped to reach angles.





Art.	Diameter ø	Thread	Wire	rpm max
SCR100I	100 mm	M14	0,5 mm	12500
SCR120I	120 mm	M14	0,5 mm	12500

SRGX

CIRCULAR BRUSHES WITH SHAFT

Cleaning of light rust, paint, primer.



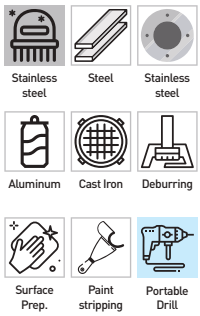


Art.	Diameter ø	Thickness	Stem	Wire	rpm max
SRG030/05	30 mm	5 mm	6 mm	0,3 mm	4500
SRG040/05	40 mm	5 mm	6 mm	0,3 mm	4500
SRG050/06	50 mm	6 mm	6 mm	0,3 mm	4500
SRG060/06	60 mm	6 mm	6 mm	0,3 mm	4500
SRG070/08	70 mm	8 mm	6 mm	0,3 mm	4500
SRG080/08	80 mm	8 mm	6 mm	0,3 mm	4500
SRG100/10	100 mm	10 mm	6 mm	0,3 mm	4500
SRG100/15	100 mm	15 mm	6 mm	0,3 mm	4500

SRGXI

CIRCULAR BRUSHES WITH SHAFT

Cleaning of light rust, paint, primer.



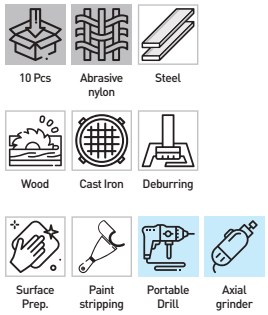


Art.	Diameter ø	Thickness	Stem	Wire	rpm max
SRG030/05I	30 mm	5 mm	6 mm	0,3 mm	4500
SRG040/05I	40 mm	5 mm	6 mm	0,3 mm	4500
SRG050/06I	50 mm	6 mm	6 mm	0,3 mm	4500
SRG060/06I	60 mm	6 mm	6 mm	0,3 mm	4500
SRG070/08I	70 mm	8 mm	6 mm	0,3 mm	4500
SRG080/08I	80 mm	8 mm	6 mm	0,3 mm	4500
SRG100/10I	100 mm	10 mm	6 mm	0,3 mm	4500
SRG100/15I	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.



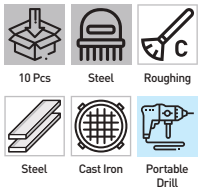


Art.	Diameter ø	Stem	Grit	Colour	rpm max
SNG075/080R	75 mm	6 mm	80	Red	4500
SNG075/180B	75 mm	6 mm	180	Blue	4500
SNG100/080R	100 mm	6 mm	80	Red	4500
SNG100/180B	100 mm	6 mm	180	Blue	4500

SGR075

TWISTED KNOTS BRUSH WITH SHAFT

Cleaning, removal of rust and weld seams.



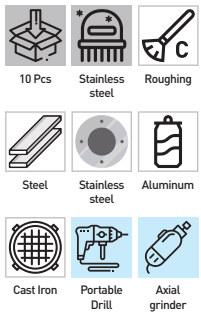


Diameter ø	75 mm
Stem	6 mm
Wire	0,5 mm
rpm max	12000

SGR075I

TWISTED KNOTS BRUSH WITH SHAFT

Cleaning, removal of rust and weld seams.



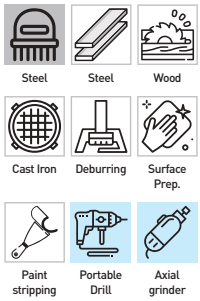


Diameter ø	75 mm
Stem	6 mm
Wire	0,5 mm
rpm max	12000

SCG090

BEVEL BRUSHES WITH SHAFT

For light and medium rust and varnish removal and deburring.





Diameter ø	90 mm
Stem	6 mm
Wire	0,3 mm
rpm max	12500

SCG090I

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
Stem	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	Stem	Wire	rpm max
STG050	50 mm	6 mm	0,3 mm	6500
STG070	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	Stem	Wire	rpm max
STG050I	50 mm	6 mm	0,3 mm	6500
STG070I	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	Stem	Wire	rpm max
SFG010	10 mm	6 mm	0,3 mm	20000
SFG015	15 mm	6 mm	0,3 mm	20000
SFG020	20 mm	6 mm	0,3 mm	20000
SFG025	25 mm	6 mm	0,3 mm	20000
SFG030	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	Stem	Wire	rpm max
SFG010I	10 mm	6 mm	0,3 mm	20000
SFG015I	15 mm	6 mm	0,3 mm	20000
SFG020I	20 mm	6 mm	0,3 mm	20000
SFG025I	25 mm	6 mm	0,3 mm	20000
SFG030I	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

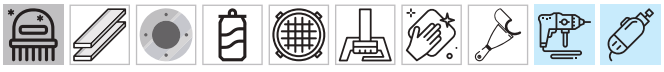
Art.	Diameter ø	Stem	Wire	rpm max
SFP012	12 mm	6 mm	0,3 mm	20000
SFP024	24 mm	6 mm	0,3 mm	20000

SFPXI

TIP END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.





Art.	Diameter ø	Stem	Wire	rpm max
SFP012I	12 mm	6 mm	0,3 mm	20000
SFP024I	24 mm	6 mm	0,3 mm	20000

SFRX

TWISTED KNOTS END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.





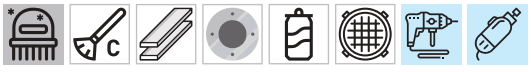
Art.	Diameter ø	Stem	Wire	rpm max
SFR019	19 mm	6 mm	0,5 mm	20000
SFR022	22 mm	6 mm	0,5 mm	20000

SFRXI

TWISTED KNOTS END BRUSHES

Suited for hard-to-reach spots and frontal cleaning.



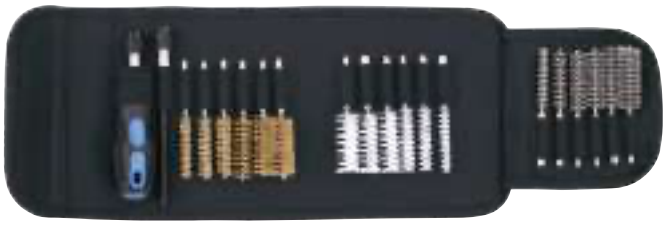


Art.	Diameter ø	Stem	Wire	rpm max
SFR019I	19 mm	6 mm	0,5 mm	20000
SFR022I	22 mm	6 mm	0,5 mm	20000

0331

WIRE BRUSH SET FOR AUTOMOTIVE AND WORKSHOP

With extension and plastic handle.





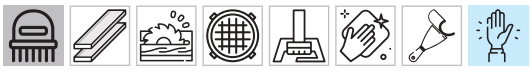
Sizes	Ø 9 - 11 - 13 - 15 - 17 - 19 mm
Material	Nylon - Steel - Brass

SMC275

HAND BRUSHES

For hand cleaning operations.





Size	275 mm

SMC275I

HAND BRUSHES

For hand cleaning operations.





Size	275 mm

HOW TO READ THE LABEL ON THE DISCS



HOW TO READ THE ABRASIVE SPECIFICATION

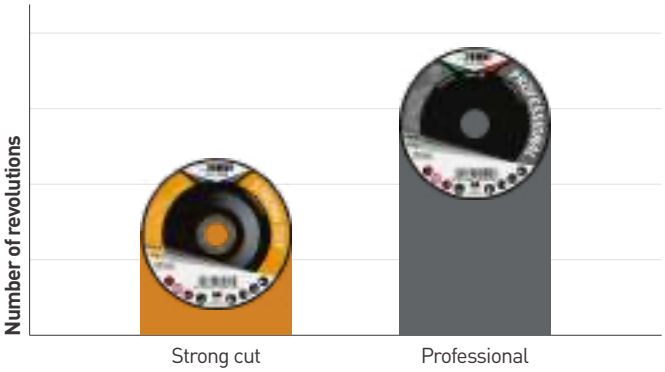
A60SBF	A	60	S	BF
	ABRASIVE TYPE	GRAIN	HARDNESS	BINDER

ABRASIVE TYPE

Code	Type	Typical use
A	Aluminium oxide	Steel-Iron
Z	Zirconium	High-strength steels
B	Ceramic	Hard metals, fast cutting

HARDNESS

Letter	Relative hardness	Recommended use
A-K	Very soft	Hardened steels
L-O	Soft	Common steel, iron
P-S	Medium	Mild steels, medium-thickness stainless steel
T-Z	Hard	Tough materials, aluminium, light alloys



BINDER TYPE

Code	Description
"V"	Glass/ceramic binder
"B"	Organic resin-based binder
"BF"	Resin binder variant: resin (bakelite/resinoid)
"R"	Binder consisting of natural or synthetic rubber
"M"	Metal binder obtained from metal powders
"S"	Silicate-based binder (soda silicate)
"E"	Organic binder derived from natural resin (shellac)
"P bond"	Binder obtained by plating

Our tests are carried out using a 1200W power tool cutting a 40 x 15 x 1.5 rectangular section tube in AISI 304 using 125 mm diameter discs with a nominal thickness of 1.0 mm, making all possible cuts with the disc until it reaches the end of its life.

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	115 x 1,0 x 22 mm	A60S	25
MTP8115/1.3	115 x 1,3 x 22 mm	A60S	25
MTP8115/1.6	115 x 1,6 x 22 mm	A60S	25
MTP8125/1.0	125 x 1,0 x 22 mm	A60S	25
MTP8125/1.3	125 x 1,3 x 22 mm	A60S	25
MTP8230/2.0	230 x 2,0 x 22 mm	A60S	25
MTP8125/1.6	125 x 1,6 x 22 mm	A60S	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	75 x 1,5 x 9,53 mm	A60TBF	100
MTP4115/1.0	115 x 1,0 x 22 mm	A60TBF	50
MTP4115/1.3	115 x 1,3 x 22 mm	A60TBF	50
MTP4115/1.6	115 x 1,6 x 22 mm	A46TBF	50
MTP4125/1.0	125 x 1,0 x 22 mm	A60TBF	50
MTP4125/1.3	125 x 1,3 x 22 mm	A60TBF	50
MTP4125/1.6	125 x 1,6 x 22 mm	A46TBF	50
MTP4230/2.0	230 x 2,0 x 22 mm	A46TBF	25
MTP4350/3.0	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	115 x 3,0 x 22 mm	A30SBF	50
MTD4125/3.0	125 x 3,0 x 22 mm	A30SBF	50
MTD4180/3.0	180 x 3,0 x 22 mm	A30SBF	25
MTD4230/3.0	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 Corundum | T41 | EN 12413 | Stainless steel | Cut | Angle grinder | made in Italy

Art.	Dimensions	Specification	Pack
MTP9115/1.0	115 x 1,0 x 22 mm	A60SX	25
MTP9115/1.3	115 x 1,3 x 22 mm	A60SX	25
MTP9115/1.6	115 x 1,6 x 22 mm	A60SX	25
MTP9125/1.6	125 x 1,6 x 22 mm	A60SX	25
MTP9230/2.0	230 x 2,0 x 22 mm	A60SX	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 Corundum | T42 | EN 12413 | Aluminum | Cut | Angle grinder | made in Italy

Art.	Dimensions	Specification	Pack
MTD7230/3.2	230 x 3,2 x 22 mm	A-30-36-QAL	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	115 x 6,5 x 22 mm	A-Q	25
MSD8125/6.5	125 x 6,5 x 22 mm	A-Q	25
MSD8230/7.0	230 x 7,0 x 22 mm	A-Q	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	115 x 6,0 x 22 mm	A24RBF	25
MSD4125/6.0	125 x 6,0 x 22 mm	A24RBF	25
MSD4230/6.0	230 x 6,0 x 22 mm	A24RBF	15

M16X

GRINDING WHEELS

Pink corundum.



AlOx
Corundum

Art.	Dimensions	Specifications
M159	Ø 100 x 4,5 x 10 mm	GR80
M160	Ø 100 x 3,2 x 10 mm	GR80
M163	Ø 145 x 3,2 x 22,3 mm	GR 80
M162	Ø 145 x 4,7 x 22,3 mm	GR80

MV1X

NEW

SILICON CARBIDE GRINDING WHEEL

For high cutting and finishing, equipped with concentric reducers to adapt to all stationary machines.



SiC
Silicon carbide

Aluminum

HM

Fixed grinder

Art.	Dimensions	Grit	Max speed	Adapters
MV11/80	150 x 20 x 32 mm	80	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV12/80	200 x 20 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV13/80	200 x 25 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MV14/80	250 x 25 x 32 mm	80	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm

MG1X

NEW

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
MG11/36	150 x 20 x 32 mm	36	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG11/46	150 x 20 x 32 mm	46	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG11/60	150 x 20 x 32 mm	60	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG11/80	150 x 20 x 32 mm	80	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG12/36	200 x 20 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG12/46	200 x 20 x 32 mm	46	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG12/60	200 x 20 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG12/80	200 x 20 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG13/36	200 x 25 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG13/46	200 x 25 x 32 mm	46	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG13/60	200 x 25 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG13/80	200 x 25 x 32 mm	80	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG14/36	250 x 25 x 32 mm	36	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG14/46	250 x 25 x 32 mm	46	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG14/60	250 x 25 x 32 mm	60	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG14/80	250 x 25 x 32 mm	80	2650 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MG16/80	200 x 40 x 20 mm	80	3350 rpm | 35 m/s	-

MB1X

NEW

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
MB11/60	150 x 20 x 32 mm	60	4500 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB12/60	200 x 20 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB13/60	200 x 25 x 32 mm	60	3350 rpm | 35 m/s	12,7 - 16 - 20 - 25 mm
MB14/60	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.



Al0x Corundum | F Finishing | C Roughing | Steel | Cast Iron | Deburring | Axial grinder

Art.	Size	Stem	rpm max	Grit	Pack
MCG0306/03A	Ø 3 x 6 mm	3 mm	50000	80	25
MCG0408/03A	Ø 4 x 8 mm	3 mm	50000	80	25
MCG0510/03A	Ø 5 x 10 mm	3 mm	50000	80	25
MCG0610/03A	Ø 6 x 10 mm	3 mm	47750	80	25
MCG0610/06A	Ø 6 x 10 mm	6 mm	47750	80	25
MCG0810/03A	Ø 8 x 10 mm	3 mm	38590	80	25
MCG0810/06A	Ø 8 x 10 mm	6 mm	38590	80	25
MCG1010/03A	Ø 10 x 10 mm	3 mm	28640	60	25
MCG1010/06A	Ø 10 x 10 mm	6 mm	28640	60	25
MCG1020/06A	Ø 10 x 20 mm	6 mm	28640	60	25

Art.	Size	Stem	rpm max	Grit	Pack
MCG1520/06A	Ø 15 x 20 mm	6 mm	19000	46	25
MCG1530/06A	Ø 15 x 30 mm	6 mm	19000	46	25
MCG2020/06A	Ø 20 x 20 mm	6 mm	14320	46	25
MCG2025/06A	Ø 20 x 25 mm	6 mm	14320	46	25
MCG2030/06A	Ø 20 x 30 mm	6 mm	14320	46	25
MCG2525/06A	Ø 25 x 25 mm	6 mm	11460	46	25
MCG3030/06A	Ø 30 x 30 mm	6 mm	9540	46	25
MCG4020/06A	Ø 40 x 20 mm	6 mm	7150	36/46	25
MCG4040/06A	Ø 40 x 40 mm	6 mm	7150	36/46	25
MCG5010/06A	Ø 50 x 10 mm	6 mm	5750	46	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.



Al0x Corundum | F Finishing | C Roughing | Steel | Cast Iron | Deburring | Axial grinder

Art.	Size	Stem	rpm max	Pack
MCG1020/06C	Ø 10 x 20 mm	6 mm	28640	25
MCG1520/06C	Ø 15 x 20 mm	6 mm	19000	25
MCG1540/06C	Ø 15 x 40 mm	6 mm	19000	25
MCG2030/06C	Ø 20 x 30 mm	6 mm	14320	25
MCG2540/06C	Ø 25 x 40 mm	6 mm	11460	25
MCG3040/06C	Ø 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.



Al0x Corundum | F Finishing | C Roughing | Steel | Cast Iron | Deburring | Axial grinder

Art.	Size	Stem	rpm max	Pack
MCG10/06S	Ø 10 mm	6 mm	28640	25
MCG15/06S	Ø 15 mm	6 mm	19000	25
MCG20/06S	Ø 20 mm	6 mm	14320	25
MCG25/06S	Ø 25 mm	6 mm	11640	25
MCG30/06S	Ø 30 mm	6 mm	9540	25

MCG2050/06G

VITRIFIED MOUNTED POINTS

Ogive shape "G" suited for grinding and finishing small or hard to reach surfaces: unhardened steels, alloyed steels, cast iron.



Al0x Corundum | F Finishing | C Roughing | Steel | Cast Iron | Deburring | Axial grinder

Size	Ø 20 x 50 mm
Stem	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 | F Finishing | C Roughing | Steel | Cast Iron | Deburring | Axial grinder

Art.	Size	Stem
MBG1030/06A	Ø 10 x 30 mm	6 mm
MBG1530/06A	Ø 15 x 30 mm	6 mm
MBG2020/06A	Ø 20 x 20 mm	6 mm
MBG2030/06A	Ø 20 x 30 mm	6 mm
MBG2040/06A	Ø 20 x 40 mm	6 mm
MBG2525/06A	Ø 25 x 25 mm	6 mm

Art.	Size	Stem
MBG2535/06A	Ø 25 x 35 mm	6 mm
MBG3010/06A	Ø 30 x 10 mm	6 mm
MBG3030/06A	Ø 30 x 30 mm	6 mm
MBG4020/06A	Ø 40 x 20 mm	6 mm
MBG4035/06A	Ø 40 x 35 mm	6 mm
MBG5010/06A	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.



Bakelite · Finishing · Roughing · Steel · Cast Iron · Deburring · Axial grinder

Art.	Size	Stem
MBG1540/06C	Ø 15 x 40 mm	6 mm
MBG2040/06C	Ø 20 x 40 mm	6 mm
MBG2535/06C	Ø 25 x 35 mm	6 mm

0163

MOUNTED GRINDING SET



10 Pcs

Stem	Ø 3 - 6 mm

0816

SHARPENING STONE (SILICON CARBIDE)



SiC

Silicon carbide

Dimensions	200 x 50 x 25h mm

0817

SHARPENING STONE (ALUMINUM OXIDE)



AlOx

Corundum

Dimensions	200 x 50 x 25h mm

D100

PEN TYPE DIAMOND DRESSER

Natural type.



Diamond

Stem	Ø 10 mm
Length	48 mm
Carats	1

D100/S

PEN TYPE DIAMOND DRESSER

Sintetic type.



Diamond

Stem	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	Ø 115 mm	Ø 22,2 mm	5 mm	2 mm	13300
D045/180	Ø 180 mm	Ø 22,2 mm	5 mm	2,4 mm	8500
D045/230	Ø 230 mm	Ø 22,2 mm	5 mm	2,8 mm	6600

D070-

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.





Art.	Diameter	Hole	Diamond height	Cut thickness	rpm max
D070/115	Ø 115 mm	Ø 22,2 mm	10 mm	1,3 mm	13300
D070/180	Ø 180 mm	Ø 22,2 mm	10 mm	1,6 mm	8500
D070/230	Ø 230 mm	Ø 22,2 mm	10 mm	2,0 mm	6600

D060-

PROFESSIONAL VENTILATED DIAMOND DISCS

Long life, for cutting concrete, marble, tiles, stone dry and wet applications.





Art.	Diameter	Hole	Diamond height	Cut thickness	rpm max
D060/115	Ø 115 mm	Ø 22,2 mm	10 mm	1,4 mm	13300
D060/180	Ø 180 mm	Ø 22,2 mm	10 mm	1,8 mm	8500
D060/230	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.





Art.	Diameter	Hole	Diamond height	Cut thickness	rpm max
D059/115	Ø 115 mm	Ø 22,2 mm	7 mm	2 mm	13300
D059/180	Ø 180 mm	Ø 22,2 mm	7 mm	2,4 mm	8500
D059/230	Ø 230 mm	Ø 22,2 mm	7 mm	2,8 mm	6600

D055-

PROFESSIONAL SEGMENTED VENTILATED DIAMOND DISCS

Long life, for cutting concrete, marble, stone dry application.





Art.	Diameter	Hole	Diamond height	Segments	Cut thickness	rpm max
D055/115	Ø 115 mm	Ø 22,2 mm	10 mm	9	1,9 mm	13300
D055/180	Ø 180 mm	Ø 22,2 mm	10 mm	14	2,2 mm	8500
D055/230	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	Ø 115 mm	Ø 22,2 mm	7 mm	9	2 mm	13300
D054/180	Ø 180 mm	Ø 22,2 mm	7 mm	14	2,4 mm	8500
D054/230	Ø 230 mm	Ø 22,2 mm	7 mm	18	2,8 mm	6600

0350

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

0709

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

0833

TURBO POLISHING DIAMOND CUP WHEEL FOR GRANITE AND STONE



Diamond | T27 | EN 12413 | Stones | Granite | Deburring | 0 - 15° | Water | Dry | Angle grinder

Dimensions	Ø 100 mm
Hole	Ø 22,2 mm

D040-

DIAMOND CUP WHEEL

General use, for porcelain gres, klinker, travertine, tiles, clay tiles, ceramics, marble dry and wet applications.



Diamond | T27 | EN 12413 | Ceramic | Marble | Stoneware | Deburring | 0 - 15° | Water | Dry | Angle grinder

Art.	Diameter	Hole	Segments	rpm max
D040/115	Ø 115 mm	Ø 22,2 mm	8 + 8	13300
D040/180	Ø 180 mm	Ø 22,2 mm	14 + 14	8500

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FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)


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WORKSHOP FURNITURE

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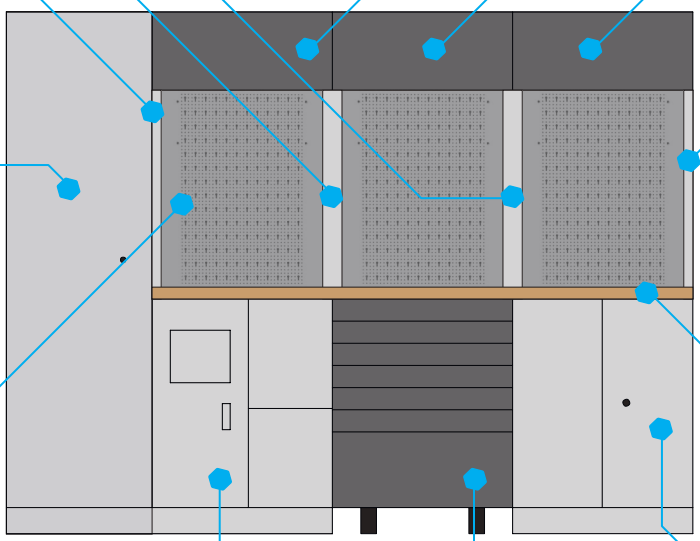


THE OPTIMAL SOLUTION TO FURNISH YOUR WORKSHOP, YOUR GARAGE OR YOUR RACING CORNER

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

A007/01
WALL CABINET
TO FIX ON THE HANGER PANEL



A007/11
HALF PANEL CONNECTOR
TO END THE CONFIGURATION WITHOUT THE CABINET

A007/02
TALL CABINET
WITH 3 SHELVES

A007/09
WORK PLATES
AVAILABLE IN 3 MEASUREMENTS AND 2 MATERIALS

A007/10
HANGING PANEL

A007/03
DOOR CABINET
IT MUST BE INSERTED IN THE CENTRAL SPACE OF A 3-MODULE PLAN

EXAMPLE OF CONGIFURATION WITH THREE MODULES WITH CABINET

A007/06
MULTIFUNCTION CABINET

A007/16
ROLLING CABINET
WITH 7 DRAWERS ON BALL BEARING SLIDE

A007A

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
Worktop depth	460 mm

A008A

WITH STAINLESS STEEL PLATES



A007B

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
Worktop depth	460 mm

A008B

WITH STAINLESS STEEL PLATES



A007C

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
Worktop depth	460 mm

A008C

WITH STAINLESS STEEL PLATES



A007D

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
Worktop depth	460 mm

A008D

WITH STAINLESS STEEL PLATES



A007E

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
Worktop depth	460 mm



A008E

WITH STAINLESS STEEL PLATES

A007F

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
Worktop depth	460 mm



A008F

WITH STAINLESS STEEL PLATES

A007G

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
Worktop depth	460 mm



A008G

WITH STAINLESS STEEL PLATES

A007H

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
Worktop depth	460 mm



A008H

WITH STAINLESS STEEL PLATES

A007I

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
Worktop depth	460 mm



A008I

WITH STAINLESS STEEL PLATES

A007L

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]

Dimensions	2800 x 2800 x 2000h mm
Worktop depth	498 mm



A008L

WITH STAINLESS STEEL PLATES

A007M

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
Worktop depth	460 mm



A008M

WITH STAINLESS STEEL PLATES

A007N

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
Worktop depth	460 mm



A008N

WITH STAINLESS STEEL PLATES

A007P

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
Worktop depth	460 mm

A008P

WITH STAINLESS STEEL PLATES



A007Q

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
Worktop depth	460 mm

A008Q

WITH STAINLESS STEEL PLATES



A007R

WORKSHOP MODULAR FURNITURES

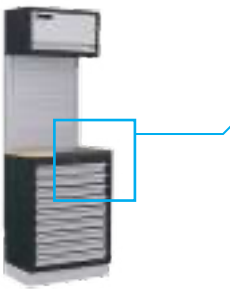
The optimal solution to furnish your workshop, your garage or your racing corner.

- 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
Worktop depth	460 mm

A008R

WITH STAINLESS STEEL PLATES



A007S

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
Worktop depth	460 mm

A008S

WITH STAINLESS STEEL PLATES



A007T

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
Worktop depth	460 mm

A008T

WITH STAINLESS STEEL PLATES



A007U

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
Worktop depth	460 mm

A008U

WITH STAINLESS STEEL PLATES



A007UF

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]
- 1 AUTO RE-ENTERING CABLE REEL [0621/A3]
- 1 AUTO REWIND AIR HOSE REEL [0481/15]

Dimensions	2640 x 498 x 2000h mm
Worktop depth	460 mm

A008UF

WITH STAINLESS STEEL PLATES



A007V

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
Worktop depth	460 mm

A008V

WITH STAINLESS STEEL PLATES



A007/02

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

2 DOOR TALL CABINET

With 5 shelves.



Dimensions	915 x 458 x 2000 mm
Door dimensions	510 x 1810 mm
Internal depth	410 mm
Maximum capacity	300 kg

A007/03

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

MULTIFUNCTION CABINET

With waste bin door, paper roll holder and drawer on sliding rails.



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

HOSE REELS CABINET

With internal fixing for hose reels and 3 drawers.



Dimensions	680 x 458 x 910 mm
Drawer capacity	30 kg

A007/04

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

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

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

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

A007/22

TROLLEY

With 3 shelves.



Dimensions	648 x 458 x 865 mm

A007/16

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

A007/21

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

A007/21I

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

A007/01

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

A007/10

HANGING PANEL



Dimensions	1052 x 614,5 x 24 mm
Maximum capacity	10 kg

A007/07

PANELS CONNECTOR



A007/11

HALF PANEL CONNECTOR



A007-xP

WORK PLATES



Art.	Module	Material	Dimensions	Thickness
A007/08	2	Wood	1360 x 460 mm	35 mm
A007/08I	2	Stainless steel	1360 x 460 mm	35 mm
A007/09	3	Wood	2040 x 460 mm	35 mm
A007/09I	3	Stainless steel	2040 x 460 mm	35 mm
A007/19	1	Wood	680 x 460 mm	35 mm
A007/19I	1	Stainless steel	680 x 460 mm	35 mm

A007/LED

LED LIGHT FOR WORKSHOP MODULAR FURNITURES

With bi-adhesive tape, to be used in coupling with A007/LED/CB charger. Max two Led strips can be connected in series.



Box

A007/LED/C

LED LIGHT POWER SUPPLY



Box

Gx

HOOKS SET



10 Pcs

Pins center distance	Length
30 mm	80 mm
30 mm	155 mm



P40VD

FOOTBOARDS

Mountable, green draining self locking footboard.



PP Polyprop.

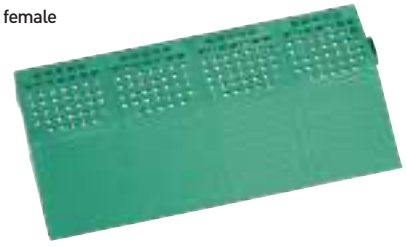
made in Italy

Dimensions	400 x 400 x 48 mm
Pcs. - Pallet	120 = 20 m²

PSV-F

POLYPROPYLENE SLIDE

Mountable for footboards, green, female (without hooks).



PP Polyprop.

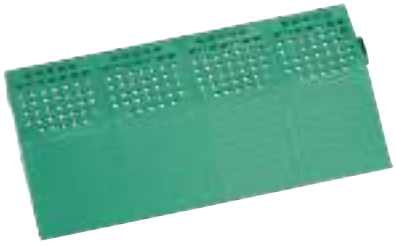
made in Italy

Dimensions	205 x 400 x 48 mm

PSV-M

POLYPROPYLENE SLIDE

Mountable for footboards, green, male (with hooks).



PP Polyprop.

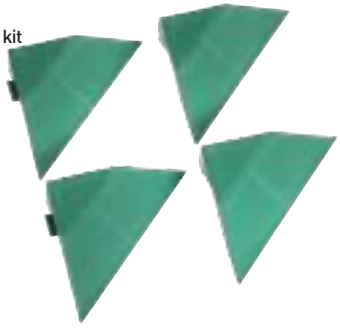
made in Italy

Dimensions	205 x 400 x 48 mm

PAV

CORNER SLIDES

For mountable polypropylene footboards, kit of 4 green corner slides.



4 Pcs

PP Polyprop.

Dimensions	200 x 200 x 270 x 48 mm

B015

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

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

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

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/C

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

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

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

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

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	86 kg

A100

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

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

P009

WALLCABINET KIT

With 18 hooks included.



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

C800-

"A" DRAWER DIVIDERS



10 Pcs

Art.	Longitudinal divider	Transversal divider
C800/CC	440 x 70h mm	-
C800/LL	-	517 x 70h mm

C600-

"B" DRAWER DIVIDERS



10 Pcs

Art.	Longitudinal divider	Transversal divider
C600/C	440 x 110h mm	-
C600/L	-	120 x 110h mm

C603-

"C" DRAWER DIVIDERS



10 Pcs

Art.	Longitudinal divider	Transversal divider
C603/C	440 x 165h mm	-
C603/L	-	120 x 165h mm

C800

TOOL CABINET

With 8 drawers, slide on bearing with locking device, without internal dividers.



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

TOOL CABINET

With 6 drawers, slide on bearing with locking device, without internal dividers.

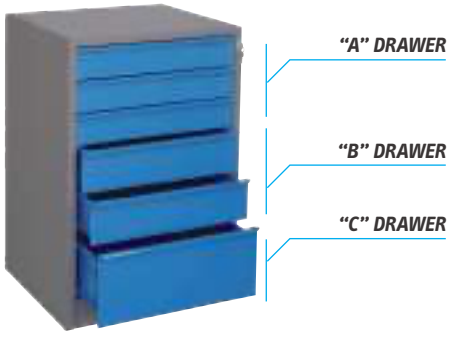


Drawer capacity	50 kg
External Dimensions	630 x 550 x 930h mm
Drawer dimensions	517 x 440 mm
Drawers height	6 x 115 mm
Net weight	53 kg

C603

TOOL CABINET

With 6 drawers, slide on bearing with locking device, without internal dividers.



Drawer capacity	50 kg
External Dimensions	630 x 550 x 930h mm
Drawer dimensions	517 x 440 mm
Drawers height	(A) 3 x 73 mm - (B) 2 x 115 mm - (C) 1 x 175 mm
Net weight	53,5 kg

C700

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	382 x 290 x 230h mm	372 x 285 x 73h mm	3
C080/6	382 x 290 x 230h mm	184 x 285 x 73h mm	6
C080/9	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	382 x 148 x 230h mm	122 x 145 x 55h mm	12
C085/16	382 x 148 x 230h mm	90 x 145 x 55h mm	16
C085/24	382 x 148 x 230h mm	59 x 145 x 55h mm	24

C086/01C

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.



PLAY

Dimensions	295 x 165 x 200h mm
Drawers number	1
Drawer dimensions	250 x 150 x 150 mm

C086/01T

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

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

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

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

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

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

DIVIDER KIT FOR MODULAR DRAWER UNIT



4 Pcs

Dimensions	111 x 63 mm

C086/12C/D

DIVIDER KIT FOR MODULAR DRAWER UNIT



12 Pcs

Dimensions	49,5 x 41 mm

C090-

UNIVERSAL STORAGE BIN

Modular and stackable.



made in Italy

Art.	Dimensions
C090/2	108 x 167 x 75h mm
C090/3	151 x 237 x 126h mm
C090/4	213 x 350 x 164h mm
C090/5	310 x 490 x 190h mm
C090/6	380 x 610 x 250h mm

0849

ALUMINUM 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

C088

NEW

TOOL ROLLING CABINET

Separable into 3 pieces.



Steel

ABS

Dimensions	520 x 320 x 720h mm
Maximum capacity	40 Kg
Net weight	16 kg

0382-

ALUMINUM CASE

With key lock.



Art.	External Dimensions	Internal dimensions	Net weight
0382	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	760 x 335 x 250h mm	745 x 310 x 225h mm	6 kg
0382/03	1240 x 385 x 385h mm	1185 x 335 x 365h mm	14 kg
0382/04	1445 x 520 x 460h mm	1405 x 435 x 440h mm	21 kg

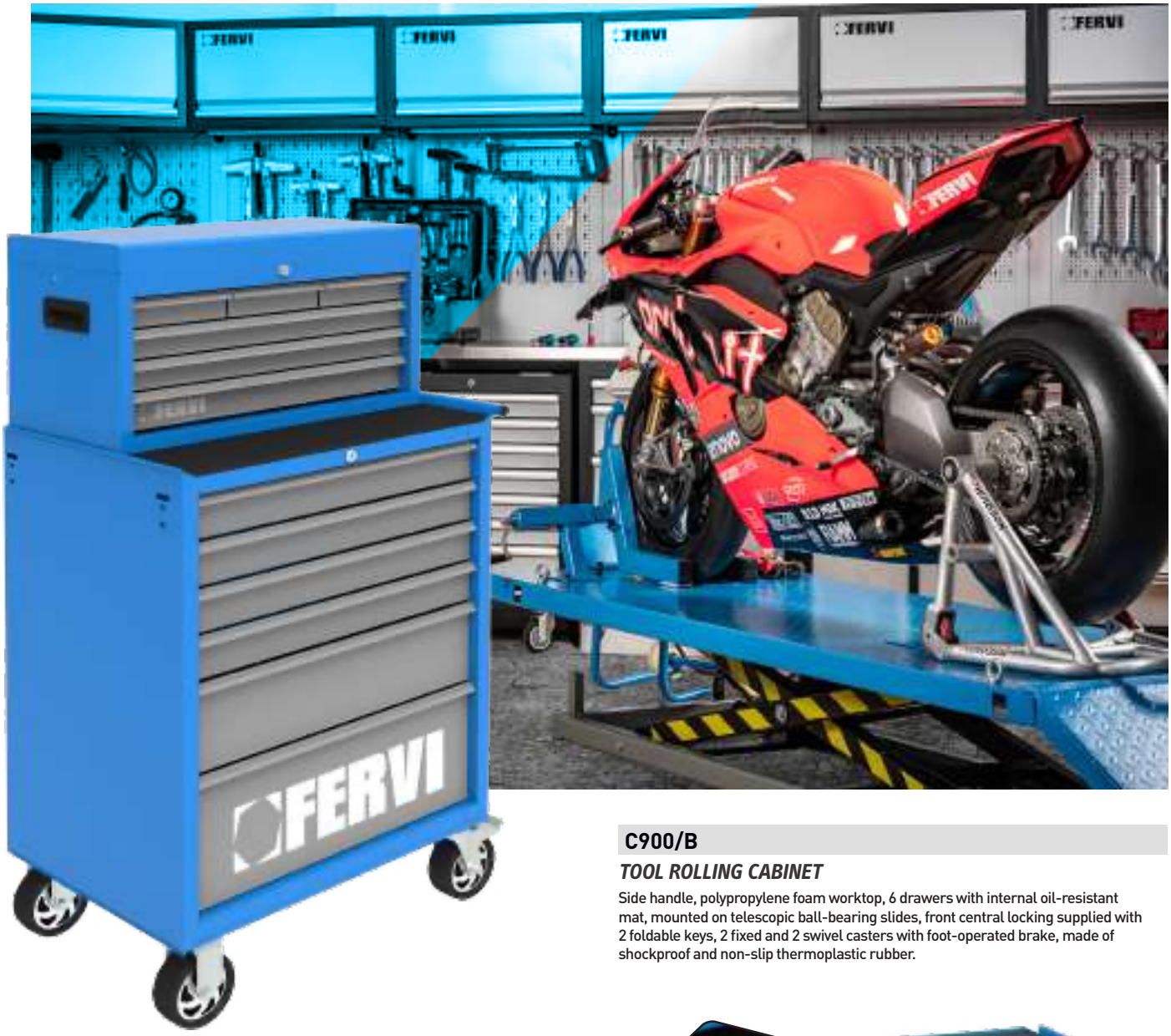
0363-

3 PCS STEEL CASE SET

Padlockable.



Art.	External Dimensions	Internal dimensions	Net weight
0363	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 410h mm, 1130 x 520 x 550h mm	107 kg
0363/30	770 x 420 x 305h mm	750 x 400 x 300h mm	14,5 kg
0363/36	915 x 440 x 565h mm	825 x 350 x 410h mm	35 kg
0363/48	1220 x 620 x 700h mm	1130 x 520 x 550h mm	57 kg



C900/A

TOOL CHEST

Can be combined with trolley carts. Retractable side handles, 6 drawers, mounted on telescopic ball-bearing slides, removable tray, and front central locking with 2 foldable keys.



Dimensions	661 x 309 x 363h mm
Drawer dimensions	3: 174 x 267 x 45h mm | 2: 578 x 267 x 45h mm 1: 578 x 267 x 60h mm
Compartment dimensions	655 x 250 x 80h mm
Drawer capacity	25 kg
Net weight	20 kg

C900/B

TOOL ROLLING CABINET

Side handle, polypropylene foam worktop, 6 drawers with internal oil-resistant mat, mounted on telescopic ball-bearing slides, front central locking supplied with 2 foldable keys, 2 fixed and 2 swivel casters with foot-operated brake, made of shockproof and non-slip thermoplastic rubber.



Dimensions	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 45 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg
Net weight	44 kg

DETAILS MAKE THE DIFFERENCE

We thought about meeting your needs. How? By taking care of the details and the choice of optionals, making the tool rolling cabinet your personal product to work easily and smoothly every day. So, the new FERVI rolling cabinets were born.
Simple and easy to set up, thanks to the compliant list of accessories for all different models. Set it up according to your needs. Our goal is to get you the tool rolling cabinet you dream, not just any rolling cabinet!

C960/PF

PERFORATED HANGING PANEL FOR MOBILE ROLLER CABS



Dimensions	678 x 535 x 25h mm
Working table dimensions	678 x 535 mm
Hole diameter	Ø 5 mm
Slot distance	15 mm

C960/PL

LAMINATED WORK TOP FOR MOBILE ROLLER CABS

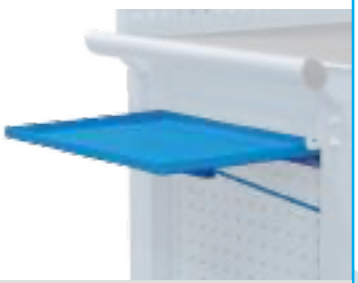


Plate Dimensions	670 x 454 mm
Plate thickness	9 mm



C960/MP

FOLDING SHELF FOR MOBILE ROLLER CABS



Dimensions	338 x 261 x 35h mm
Steel thickness	1,5 mm

C960/PC

PAPER ROLL HOLDER FOR MOBILE ROLLER CABS



Dimensions	386 x 167 mm
Hose diameter	15 mm
Max. roll diameter	280 mm

C960/PD

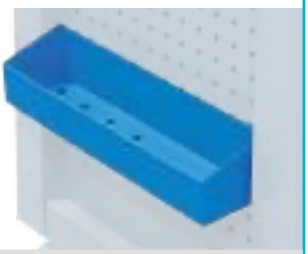
DOCUMENT HOLDER FOR MOBILE ROLLER CABS



Internal dimensions	270 x 60 x 330h mm
Steel thickness	2 mm

C960/PG

SCREWDRIVER HOLDER FOR MOBILE ROLLER CABS



Dimensions	330 x 76 x 88h mm
Drawer dimensions	328 x 75 x 75h mm
Hole diameter	8 x Ø 8,5 mm

C960

TOOL ROLLING CABINET WITH 6 - 7 - 8 DRAWERS

Side handle, polypropylene foam worktop, steel sheet body with impact protection bumpers and perforated side panels, 6 - 7 - 8 full-extension drawers with with oil-resistant mats, mounted on telescopic ball bearing slides, anti-tip device, side central locking supplied with 2 folding keys, 2 fixed and 2 swivel casters with brakes. Optional accessories: screwdriver holder, document holder, shelf, paper roll holder, rear pegboard and laminated top.

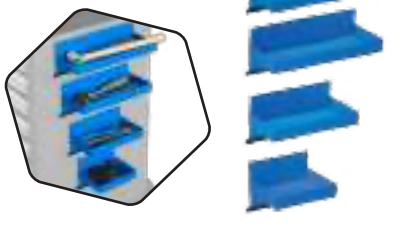


Art.	C960/F6	C960/F7	C960/F8
Dimensions	770 x 460 x 985h mm	770 x 460 x 985h mm	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm	566 x 405 mm	566 x 405 mm
Drawers height	4 x 68 mm - 1 x 147 mm - 1 x 199 mm	6 x 68 mm - 1 x 199 mm	7 x 68 mm - 1 x 120 mm
Drawer capacity	5 x 25 kg - 1 x 40 kg	6 x 25 kg - 1 x 40 kg	25 kg
Slot distance	15 mm	15 mm	15 mm
Hole diameter	Ø 5 mm	Ø 5 mm	Ø 5 mm
Net weight	55 kg	58 kg	60 kg

0466/4V

MAGNETIC TOOL TRAY SET

Made of painted steel, to organize the best working place.



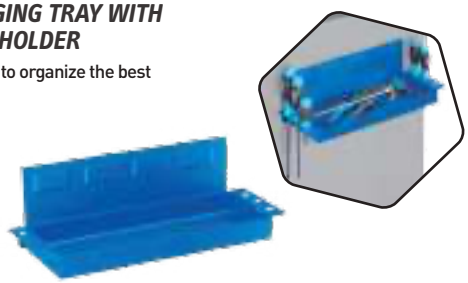
4 Pcs Box Steel

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

MAGNETIC HANGING TRAY WITH SCREWDRIVERS HOLDER

Made of painted steel, to organize the best working place.



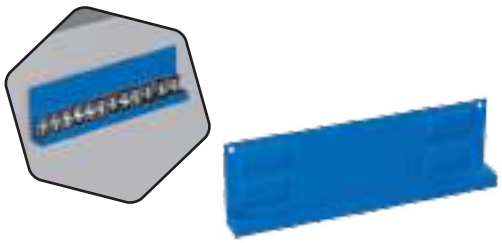
Box Steel

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

MAGNETIC SOCKETS HOLDER

Made of painted steel, to organize the best working place.



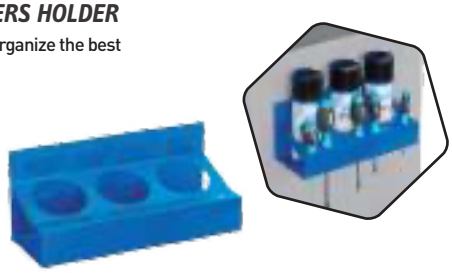
Box Steel

Overall dimensions	280 x 45 x 90h mm
Sockets sizes	1/4" - 3/8" - 1/2"
Steel thickness	0,9 mm

0466/SC

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

TOOL CHEST

With 5 trays.



Steel

Dimensions	450 x 200 x 205h mm
Net weight	4 kg

0323/55

TOOL CHEST

With 5 trays.



Steel

Dimensions	550 x 210 x 205h mm
Net weight	4,5 kg

0423/1

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 45h mm

0423/2

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 two safety locks to prevent the involuntary overthrow of the hardware.



Steel

Plastic

Dimensions	388 x 295 x 45h mm

0422-

POLYPROPYLENE BLISTER SET

Useful for storing small items such as screws, bolts, nuts, small hooks, nails.



20 Pcs

Plastic

made in Italy

Art.	Dimensions
0422/B1	65 x 47 x 30h mm
0422/B3	75 x 60 x 40h mm

C315

TOOL ORGANIZER BOX

With 21 compartments and movable dividers, for storing larger items than the original magazine.



Plastic

Dimensions	380 x 310 x 60h mm

C313

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 310h mm

C360

TOOL BOX

With 23 compartments and 16 removable dividers.



Box

Plastic

made in Italy

Dimensions	443 x 317 x 80h mm

C371

TOOL BOX

With removable 2 big trays, 3 medium trays, 6 small trays.



Box | Plastic | made in italy

Dimensions	443 x 317 x 107h mm

C648

TOOL BOX

With movable shelf.



Box | INOX

Dimensions	510 x 280 x 220h mm

0682

ABS TOOL CASE

Tools not included.





Box | ABS

A	460 mm	E	52 mm
B	330 mm	Capacity	25 kg
C	150 mm	Net weight	2,9 kg
D	98 mm		

0683

TROLLEY ABS TOOL CASE

Tools not included.





Box | ABS

A	460 mm	E	92 mm
B	330 mm	Capacity	25 kg
C	190 mm	Net weight	4,5 kg
D	98 mm		

068x

ALUMINIUM TOOL CASE

Tools not included.





Art.	A	B	C	D	E	Capacity	Net weight
0680	510 mm	375 mm	185 mm	110 mm	75 mm	30 kg	5 kg
0681	440 mm	390 mm	185 mm	110 mm	75 mm	30 kg	4,8 kg

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.



M138



M139

Box | PP Polyprop.

Art.	External Dimensions	Internal dimensions	Net weight
M138	465 x 360 x 175h mm	425 x 287 x 115h mm	2,9 kg
M139	570 x 410 x 215h mm	505 x 353 x 140h mm	4,5 kg





FERVI "EKO" SERIES

The Fervi "EKO" range of eco-friendly, waterproof cases features a depressurization valve and a customizable interior with pre-cut foam, ideal for any type of item. Their high resistance to impacts, water and dust makes them suitable for multiple sectors. They are also eco-friendly as they are made from 100% recycled plastic.

M290EKO

NEW

ECO-FRIENDLY WATER RESISTANT CASE

- Depressurization valve.
- Customizable interior with pre-cut foam cubes.
- Shock, water, and dust resistant.
- Made of 100% recycled plastic.

PP
Polyprop.
IP65
made in Italy





External Dimensions	337 x 292 x 177 mm
Internal dimensions	290 x 220 x 160 mm
Internal volume	10,5 L
Net weight	1,63 kg

M415EKO

NEW

ECO-FRIENDLY WATER RESISTANT CASE

- Depressurization valve.
- Customizable interior with pre-cut foam cubes.
- Shock, water, and dust resistant.
- Made of 100% recycled plastic.

PP
Polyprop.
IP65
made in Italy





External Dimensions	465 x 355 x 210 mm
Internal dimensions	415 x 280 x 190 mm
Internal volume	23,5 L
Net weight	2,96 kg

M520EKO

NEW

ECO-FRIENDLY WATER RESISTANT CASE

- Depressurization valve.
- Customizable interior with pre-cut foam cubes.
- Shock, water, and dust resistant.
- Made of 100% recycled plastic.

PP
Polyprop.
IP65
made in Italy





External Dimensions	572 x 425 x 239 mm
Internal dimensions	520 x 350 x 210 mm
Internal volume	41,5 L
Net weight	3,34 kg





FERVI "M" SERIES

The Fervi "M" range of cases features a depressurization valve and a customizable interior with pre-cut foam, ideal for accommodating any object. Exceptional resistance to shock, water, and dust makes them perfect for various industries and demanding applications.
IP67, STANAG 4280, DEF STAN 81-41, and MIL-STD 810 (Military Certification) certified.

M300/B

WATERPROOF SUITCASE



Box | PP Polyprop. | made in Italy

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

WATERPROOF SUITCASE



Box | PP Polyprop. | made in Italy

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

WATERPROOF SUITCASE



Box | PP Polyprop. | made in Italy

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

WATERPROOF TORLLEY



Box | PP Polyprop. | made in Italy

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



PROFESSIONAL HARD STORAGE

Professional hard storage solutions, designed to organize and protect your equipment for everyday use.
Sturdy, modular, and built to last.

TB01 NEW

TOOL BOX 13"

With internal tray
2x Organizer
Metal hinges



ABS

Dimensions	13" - 330 x 172 x 142h mm
Capacity	4 l
Maximum capacity	6 kg

TB02 NEW

TOOL BOX 16"

With internal tray
2x Organizer
Metal hinges



ABS

Dimensions	16" - 415 x 223 x 193h mm
Capacity	9 l
Maximum capacity	10 kg

TB03 NEW

TOOL BOX 19"

With internal tray
2x Organizer
Metal hinges



ABS

Dimensions	19" - 485 x 285 x 240h mm
Capacity	17 l
Maximum capacity	15 kg

TB04 NEW

TOOL BOX 22"

With internal tray
2x Organizer
Metal hinges



ABS

Dimensions	22" - 585 x 320 x 300h mm
Capacity	29 l
Maximum capacity	18 kg

TB11 NEW

TOOL BOX 20"

Heavy Duty design
Aluminum handle
Internal tray
3x Organizer
Metal hinges



ABS

Dimensions	20" - 500 x 283 x 248h mm
Capacity	19 l
Maximum capacity	15 kg

TB12 NEW

TOOL BOX 22"

Heavy Duty design
Aluminum handle
Internal tray
3x Organizer
Metal hinges



ABS

Dimensions	22" - 560 x 300 x 277h mm
Capacity	26 l
Maximum capacity	20 kg

TB13 NEW

TOOL BOX 26"

Heavy Duty design
Aluminum handle
Internal tray
3x Organizer
Metal hinges



ABS

Dimensions	26" - 676 x 314 x 300h mm
Capacity	38 l
Maximum capacity	22 kg

TB21 NEW

ROLLING TOOL CHEST

Rubber-coated track wheels. Built-in lid organizer for small accessories. Metal hinges for secure closure. Lock hole for additional protection. V-grooves in lid, ideal for cutting pipes and boards. Removable tray for easy organization. Metal handle with ergonomic grip



ABS

Dimensions	600 x 400 x 420h mm
Capacity	54 l
Maximum capacity	25 kg

TB22 NEW

ROLLING TOOL CHEST

Rubber-coated track wheels
Metal hinges for secure locking
Lock hole for additional security
V-grooves in the lid, ideal for cutting pipes and boards
Removable tray for easy organization
Metal handle with ergonomic grip



ABS

Dimensions	700 x 490 x 475h mm
Capacity	92 l
Maximum capacity	30 kg

TB31 NEW

ROLLING TOOL BOX 2IN1

With internal tray
2x Removable organizers
Retractable foldable handle
Metal hinges for safe closure
Lockable eyelets
Wheels with rubber-coated tracks



ABS

Dimensions	485 x 330 x 625h mm
Capacity	64 l
Maximum capacity	25 kg



PROFESSIONAL SOFT STORAGE

Solutions designed to transport and organize your equipment with practicality and safety.
Durable, flexible, and functional, everything you need is always at your side.

0901

MULTIFUNCTIONAL BACKPACK

Made of 600-denier polyester, with breathable back, removable tool holder, padded computer pocket, roomy and sturdy pockets to accommodate a large number of tools.



Polyester

External Dimensions	380 x 130 x 460h mm
Net weight	1,25 kg

0907

SEMI-SOFT TOOL TROLLEY

Tool trolley made of 600-denier polyester, sturdy telescoping handle for excellent handling, convenient front strap opening, multiple roomy and sturdy pockets.



Polyester

Dimensions	410 x 310 x 445h mm
Net weight	3,1 kg

0902

SOFT TOOL BAG

Made of 600-denier polyester, with comfortable shoulder strap, roomy and sturdy pockets to accommodate a large number of tools.



Polyester

Dimensions	370 x 203 x 254h mm
Net weight	1,25 kg

0903

SOFT TOOL BAG

Made of 600-denier polyester, with comfortable shoulder strap, roomy and sturdy pockets to accommodate a large number of tools.



Polyester

Dimensions	450 x 280 x 220h mm
Net weight	2,05 kg

0904

SEMI-SOFT TOOL BAG

Made of 600-denier polyester, with rigid handle for easy handling, comfortable shoulder strap, capacious and sturdy pockets.



Polyester

Dimensions	406 x 203x 254h mm
Net weight	1,3 kg

0905

SEMI-SOFT TOOL BAG

Made of 600-denier polyester, with rigid handle for easy handling, comfortable shoulder strap, capacious and sturdy pockets.



Polyester

Dimensions	450 x 228 x 280h mm
Net weight	2,3 kg

0906

SEMI-SOFT TOOL BAG

Made of 600-denier polyester, with rigid handle for easy handling, comfortable shoulder strap, capacious and sturdy pockets.



Polyester

Dimensions	450 x 228 x 330h mm
Net weight	1,6 kg

0409

TOOL BAG

10 pockets with belt, made of polyester. It can be used to hold small tester, pliers, scissors, screwdrivers and other tools.



Polyester

Dimensions	250 x 210 x 70 mm

0254

FITTER TOOL BAG

Leather with belt.



Pockets	5

0264

FITTER TOOL BAG

Leather with belt.



Pockets	11

0036-

STEEL VICE

Lateral sliding adjustment.



Box Steel

Art.	Jaws	Opening	Working height	Slot distance	Net weight
0036/100	100 mm	105 mm	60 mm	85 mm	4,9 kg
0036/125	125 mm	138 mm	75 mm	110 mm	9,5 kg
0036/150	150 mm	180 mm	90 mm	150 mm	19 kg

0036-xG

TABLE VICE WITH SWIVEL BASE

Lateral sliding adjustment. Equipped with swivel mechanism.



Box Steel

Art.	Jaws	Opening	Net weight
0036/100G	100 mm	105 mm	5,5 kg
0036/125G	125 mm	124 mm	11 kg
0036/150G	150 mm	180 mm	22 kg

0135-

FORGED STEEL VICE

Lateral sliding adjustment.



Box Steel

Art.	Jaws	Opening	Working height	Slot distance	Net weight
0135/100	100 mm	125 mm	60 mm	98 mm	5,8 kg
0135/125	125 mm	160 mm	70 mm	111 mm	9,8 kg
0135/150	150 mm	190 mm	85 mm	136 mm	17,8 kg

0140-

STEEL VICE

Lateral sliding adjustment. Equipped with hose clamp. Recommended for heavy use.



Box Steel

Art.	Jaws	Opening	Working height	Slot distance	Net weight
0140/080	80 mm	80 mm	60 mm	80 mm	4 kg
0140/100	100 mm	100 mm	65 mm	80 mm	5,5 kg
0140/125	125 mm	125 mm	90 mm	100 mm	10 kg
0140/150	150 mm	150 mm	95 mm	125 mm	14 kg

0591-

STEEL VICE

Lateral sliding adjustment. Equipped with bearing on the screw, hose clamp and interchangeable jaws.



Box Steel

Art.	Jaws	Opening	Net weight
0591/100	100 mm	105 mm	5,3 kg
0591/125	125 mm	130 mm	11 kg

0145-

STEEL VICE

Equipped with hose clamp.



Box Steel

Art.	Jaws	Opening	Working height	Slot distance	Net weight
0145/80	80 x 20 mm	80 mm	58 mm	80 mm	3,7 kg
0145/100	100 x 20 mm	100 mm	70 mm	80 mm	5,2 kg
0145/125	125 x 20 mm	125 mm	75 mm	100 mm	7,4 kg
0145/150	150 x 27 mm	150 mm	95 mm	120 mm	12 kg

0174-

SG IRON BENCH VICE

Equipped with interchangeable jaws.



Box Cast Iron

Art.	Jaws	Opening	Working height	Slot distance	Net weight
0174/100	100 x 20 mm	100 mm	50 mm	85 mm	4,8 kg
0174/125	125 x 22 mm	130 mm	60 mm	95 mm	7,7 kg
0174/150	150 x 22 mm	150 mm	60 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	80 mm	80 mm	6,5 kg
0427/100	100 mm	100 mm	10 kg
0427/125	135 mm	125 mm	12 kg

0146/60

STEEL VICE WITH SWIVEL BASE



Cast Iron

Jaws	60 mm
Opening	60 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	100 mm	28 mm	7,5 mm
0042/125	125 mm	28,5 mm	7,5 mm
0042/150	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	100 mm	28,7 mm	10,0 mm
0520/125G	125 mm	28,7 mm	10,0 mm
0520/150G	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	100 mm	28,3 mm	8,9 mm
0520/125A	125 mm	28,3 mm	8,9 mm
0520/150A	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	100 mm	28,5 mm	9,8 mm
0520/125P	125 mm	28,5 mm	9,8 mm
0520/150P	150 mm	28,5 mm	9,8 mm

0520-xF

MAGNETIC JAW PAIR WITH FIBER FACE

With strong fiber.



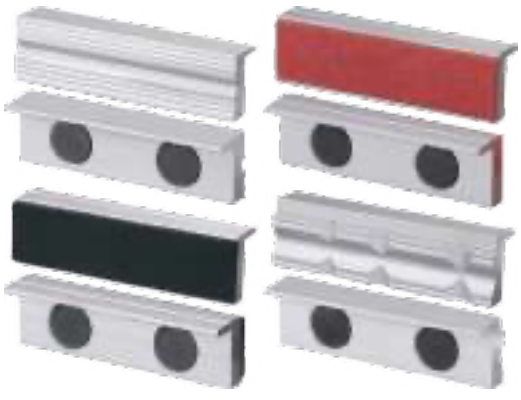
2 Pcs — Blister — Alu — Aluminum

Art.	Length	Height	Thickness
0520/100F	100 mm	28,7 mm	10,3 mm
0520/125F	125 mm	28,7 mm	10,3 mm
0520/150F	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	100 mm
0520/125S	125 mm
0520/150S	150 mm

1515 NEW

FOLDABLE VICE STAND

Made of heavy duty steel, designed to hold materials weighing up to 300 kg, ideal for lumber, wooden boards and pipes.



Steel







Opening size	0÷1040 mm
Jaw dimensions	205 x 80 mm
Working height	840 mm
Capacity	300 kg
Maximum torque	1000 kg
Net weight	20,0 kg

1515/SU NEW

UNIVERSAL HOLDER FOR PORTABLE VICE STAND



Steel

Net weight	1,8 kg

1515/GL NEW

WOOD JAWS FOR PORTABLE VICE STAND



Steel

Net weight	1,9 kg

1515/GM NEW

METAL JAWS FOR PORTABLE VICE STAND



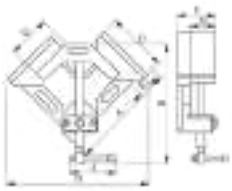
Steel

Net weight	3,65 kg

0205

SPECIAL VICE FOR 90° WELDING

Adjustable jaw.





Box

Alu

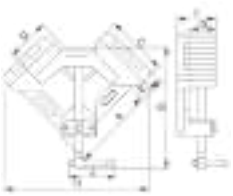
Aluminum

Capacity	70 mm + 70 mm		
Working height	35 mm	E	70 mm
A	150 mm	F	55 mm
B	Min 250 mm - Max 345 mm	G	49 mm
C	97 mm	H	217 mm
D	60 mm	J	92 mm

0205/120

SPECIAL VICE FOR 90° WELDING

Adjustable jaw.





Box

Cast Iron

Capacity	110 mm + 110 mm		
Working height	60 mm	E	126 mm
A	257 mm	F	90 mm
B	Min 290 mm - Max 458 mm	G	77 mm
C	135 mm	H	340 mm
D	109 mm	J	112 mm

M006-

GENERAL USE STEEL CLAMP WITH T-SPINDLE



Art.	Span x Depth	Beam	Maximum torque
M006/200	200 x 120 mm	22 x 10,5 mm	550 kg
M006/300	300 x 140 mm	25 x 12 mm	600 kg
M006/400	420 x 120 mm	25 x 12 mm	650 kg
M006/500	500 x 120 mm	25 x 12 mm	650 kg
M006/600	600 x 120 mm	25 x 12 mm	650 kg
M006/800	800 x 120 mm	25 x 12 mm	650 kg
M006/1000	1000 x 120 mm	25 x 12 mm	650 kg

M008-

NEW

HEAVY DUTY STEEL CLAMP WITH T-SPINDLE



Art.	Span x Depth	Beam	Maximum torque
M008/300	300 x 140 mm	29,6 x 15 mm	1100 Kg
M008/400	400 x 120 mm	29,6 x 15 mm	1100 Kg
M008/600	600 x 120 mm	29,6 x 15 mm	1100 Kg
M008/800	800 x 140 mm	29,6 x 15 mm	1100 Kg
M008/1000	1000 x 120 mm	29,6 x 15 mm	1100 Kg

M007-

NEW

GENERAL USE STEEL CLAMP RATCHET

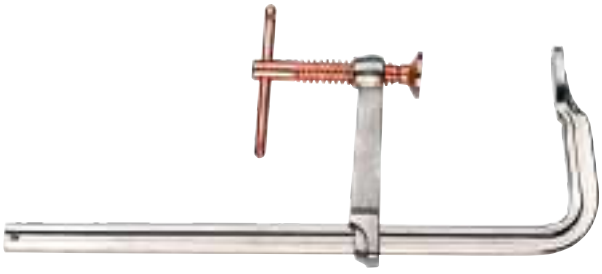
Quick clamping.



Art.	Span x Depth	Beam	Maximum torque
M007/250	250 x 120 mm	25 x 12 mm	500 Kg
M007/300	300 x 140 mm	25 x 12 mm	500 Kg
M007/400	400 x 120 mm	25 x 12 mm	500 Kg
M007/500	500 x 120 mm	25 x 12 mm	500 Kg
M007/600	600 x 120 mm	25 x 12 mm	500 Kg
M007/800	800 x 120 mm	25 x 12 mm	500 Kg
M007/1000	1000 x 120 mm	25 x 12 mm	500 Kg

M018-

GENERAL USE STEEL CLAMP WITH T-SPINDLE



Art.	Span x Depth	Beam	Maximum torque
M018/0200	200 x 100 mm	19 x 9,5 mm	500 Kg
M018/0300	300 x 100 mm	19 x 9,5 mm	500 Kg
M018/0400	400 x 120 mm	21,5 x 10,5 mm	500 Kg
M018/0500	500 x 120 mm	21,5 x 10,5 mm	500 Kg
M018/0600	600 x 120 mm	21,5 x 10,5 mm	500 Kg
M018/0800	800 x 120 mm	21,5 x 10,5 mm	500 Kg
M018/1000	1000 x 120 mm	21,5 x 10,5 mm	500 Kg
M018/1200	1200 x 120 mm	21,5 x 10,5 mm	500 Kg

0167-

WOOD HANDLE CLAMP



Art.	Span x Depth	Beam	Maximum torque
0167/150	150 x 50 mm	15 x 5 mm	170 kg
0167/200	200 x 80 mm	22 x 6 mm	200 kg
0167/250	250 x 100 mm	24 x 5 mm	250 kg
0167/400	400 x 100 mm	24 x 5 mm	250 kg
0167/500	500 x 120 mm	30 x 8 mm	450 kg

0394-

QUICK ADJUSTABLE CLAMP



ABS

Art.	Span x Depth	Beam	Maximum torque
0394/150	150 x 63 mm	18 x 5,5 mm	60 kg
0394/300	300 x 63 mm	18 x 5,5 mm	60 kg
0394/450	450 x 63 mm	18 x 5,5 mm	60 kg
0394/600	600 x 63 mm	18 x 5,5 mm	60 kg

0250

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

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

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	150 mm	55 mm
0354/225	225 mm	100 mm

0265/05

CAST IRON ANVIL

Sturdy construction, round hole and square hole for punching and bending.





Box | Cast Iron

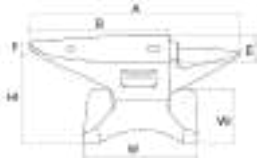
A	230 mm
B	160 mm
E	57 mm
F	10,5 mm
W	112 mm

WI	85 mm
HI	95 mm
Tolerance	±5%
Net weight	5 kg

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	345 mm	230 mm	105 mm	150 mm	120 mm	100 mm	±5%	10 kg
0157/30	535 mm	360 mm	110 mm	215 mm	150 mm	160 mm	±5%	30 kg
0157/50	620 mm	410 mm	140 mm	240 mm	175 mm	190 mm	±5%	50 kg
0157/100	805 mm	520 mm	175 mm	315 mm	230 mm	240 mm	±5%	100 kg



WHAT'S SANDBLASTING?

Sandblasting is an industrial process of surface cleaning that takes place through the mechanical force of the abrasive material pushed by a jet of air. The sand acts by scratching and penetration: the abrasive material mixes with the compressed air jet and works mechanically on the workpiece. This mixture, passing through the nozzle, accelerates. This brings its speed to a level useful to carry out the required abrasive action.



Sandblasting for paint stripping



Sandblasting with glass balls (shot peening)

TYPES OF SANDBLASTERS

There are 2 types of sandblasters available: vacuum sandblasting cabin and pressure sandblasting cabin. Each has different characteristics based on the use needed by the end user. Sandblasters are equipped with interchangeable nozzles to better adapt them to the material to be treated: on soft materials it is recommended to choose a large nozzle that allows for a high flow rate of the abrasive/air mixture at a low speed. However, for hard materials - or very thick pieces - it is recommended to choose a small nozzle that allows for a higher mixture speed at a lower flow rate.



VACUUM SANDBLASTING CABIN

Ideal for small/medium sized metal objects to be sandblasted. It exploits the "Venturi principle" which allows sand to be sucked from a container and mixed with compressed air.

PROS
- Lower air consumption
- Lower abrasive wear
- Reduced maintenance

CONS
- Lower processing yields
- Longer processing times



PRESSURE SANDBLASTING CABIN

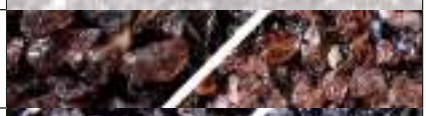
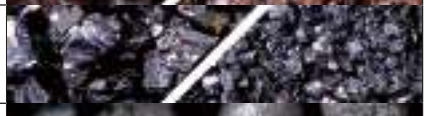
Unlike the vacuum system, the pressure cabin pushes down the air and abrasive, projecting the mixture of these components into a single solution. The jet is thus more powerful and more effective.

PROS
- High processing efficiency
- Reduced processing times
- Possibility of adjusting the air/ abrasive mixture

CONS
- Higher air consumption
- Increased maintenance
- Higher abrasive wear due to higher jet power

HOW TO CHOOSE THE ABRASIVE

The choice of abrasive for sandblasters is frequently dictated by experience and ease of use. In fact, Sandblasting with manual machines is a process characterised by many variables at play. Furthermore, in order to achieve an optimal result, the operator must try to find the right balance. Here are 5 good rules for the optimal choice of abrasive:

1) Always use the least aggressive abrasive possible that can do the job required. There is no point in using a very aggressive abrasive and then having to do an additional finishing process. You can always add a harder abrasive. However, undo the work of an overly hard abrasive requires a bigger effort.	
2) Glass is shiny, but it also makes surfaces shine: if you need a shiny look, glass microbeads are a great place to start. They are a fantastic finish and will leave your surfaces smooth and shiny.	
3) Corundum removes paint: is it necessary to remove paint from an object? With its hard, angular structure and reusability, corundum is the right abrasive. Alternatively you can use Garnet, a natural, environmentally friendly and cheaper abrasive.	
4) For fast and aggressive work, use silicon carbide. It is the toughest abrasive on the market. It makes quick work of etching and removing unwanted rust and paint.	
5) Steel microspheres are suitable for shot peening , polishing and paint removal. Carefully evaluate because this type of abrasive in contact with the object to be machined changes its mechanical structure. This type of abrasive is suitable for industrial sandblasters.	

SANDERS

0615



0605



0601



0687



0878



0575



0575S



0487



0580



0580S



0490



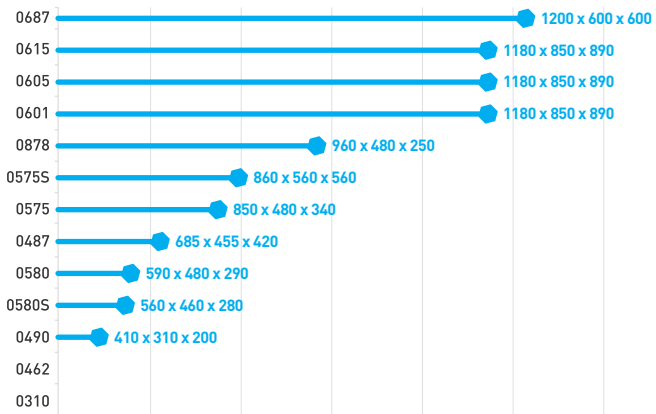
0462



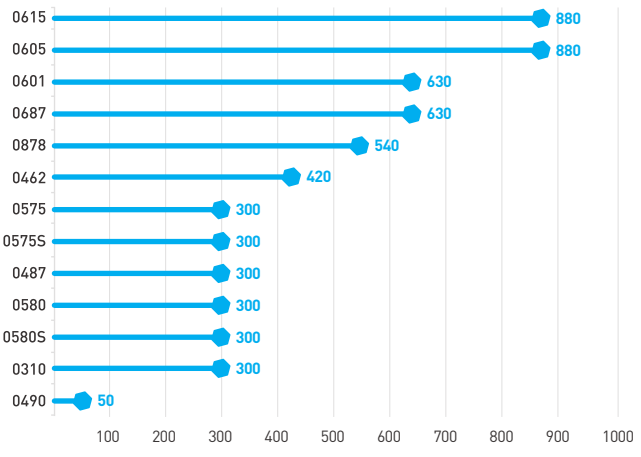
0310



Internal dimensions (mm)



Air consumption (l/min)



0615

PRESSURE SANDBLAST CABINET

With cyclone vacuum cleaner, HEPA filter, front opening and ceiling light with 3 fluorescent lamps.








NEW PRICE

Internal dimensions	1180 x 850 x 890h mm
Maximum capacity	150 kg
Working pressure	6 ÷ 8 bar
Avg air cons.	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 2070h mm
Net weight	300 kg
Internal volume	827 L
Opening size	1000 x 480 + 1000 x 330 mm
Tank capacity	22 L

0605

PRESSURE 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.








NEW PRICE

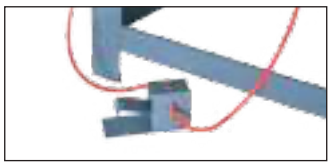
Working area	1180 x 850 x 890h mm
Maximum capacity	150 kg
Working pressure	6 ÷ 8 bar
Avg air cons.	31 SCFM (880 L/min)
Gun nozzle	Ø 6 - 7 mm
Electric vacuum	2 x 230 V 50 Hz 1,2 kW
Filtration rate	5 micron

With light	Yes
Overall dimensions	1800 x 1515 x 2070h mm
Net weight	245 kg
Internal volume	827 L
Opening size	1000 x 480 + 1000 x 330 mm
Tank capacity	22 L

0601

SANDBLAST CABINET WITH DUST COLLECTOR

Cyclone-type, paper filter, front opening and ceiling light with 3 fluorescent lamps.








NEW PRICE

Working area	1180 x 850 x 890h mm
Maximum capacity	50 kg
Working pressure	6 ÷ 8 bar
Avg air cons.	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 1770h mm
Net weight	180 kg
Internal volume	827 L
Opening size	1000 x 480 + 1000 x 330 mm

0687

SANDBLAST CABINET WITH VACUUM

With paper filter.

NEW PRICE











Working area	1200 x 600 x 600h mm
Maximum capacity	120 kg
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	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 1740h mm
Net weight	149 kg
Internal volume	382 L
Opening size	1215 x 380 + 1215 x 380 mm

0878

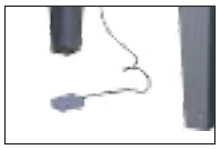
SANDBLAST CABINET WITH VACUUM

With paper filter.

NEW PRICE









Working area	960 x 480 x 250 ÷ 470h mm
Working pressure	6,5 ÷ 7,5 Bar
Avg air cons.	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 1640h mm
Net weight	100 kg
Internal volume	295 L
Opening size	945 x 380 + 945 x 380 mm

0575

SANDBLAST CABINET

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves.

NEW PRICE



Working area	850 x 480 x 340 ÷ 540h mm
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	8 ÷ 10 SCFM (240 ÷ 300 L/min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Overall dimensions	890 x 560 x 1385h mm
Net weight	46 kg
Internal volume	217 L
Opening size	860 x 595 mm

0575S

SANDBLAST CABINET

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves. In kit.

NEW PRICE







Working area	860 x 560 x 560h mm
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	8 ÷ 10 SCFM (240 ÷ 300 L/min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Overall dimensions	905 x 620 x 1390h mm
Net weight	44 kg
Internal volume	235 L
Opening size	860 x 415 mm

0487

BENCH SANDBLAST

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves.

NEW PRICE



PLAY







Working area	685 x 455 x 420h mm
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	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 720h mm
Net weight	26,5 kg
Internal volume	111 L
Opening size	690 x 390 mm

0580

BENCH SANDBLAST CABINET

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves.

NEW PRICE







Overall dimensions	630 x 510 x 490h mm
Working area	590 x 480 x 290h mm
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	8 ÷ 10 SCFM (240 ÷ 300 L/min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Net weight	13 kg
Internal volume	95 L
Opening size	534 x 436 mm

0580S

BENCH SANDBLAST CABINET

With provision for the connection of a vacuum cleaner, lighting with low consumption lamp, gun and gloves. In kit.



NEW PRICE



Overall dimensions	585 x 485 x 495h mm
Working area	560 x 460 x 280h mm
Working pressure	6,5 ÷ 7,5 bar
Avg air cons.	8 ÷ 10 SCFM (240 ÷ 300 L/min)
Gun nozzle	Ø 4 - 5 - 6 - 7 mm
Net weight	16 kg
Internal volume	95 L
Opening size	585 x 490 mm

0490

MINI BENCH SANDBLAST

With foot control and fixed gun.

NEW PRICE



Working area	410 x 310 x 200h mm
Working pressure	4 - 7,5 bar
Gun nozzle	Ø 3,5 mm
With light	50 Hz, 6 W 12 V
Overall dimensions	475 x 370 x 370h mm
Net weight	12 kg
Internal volume	32 L
Opening size	420 x 260 mm
Avg air cons.	50 L/min

0462

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.

NEW PRICE



Tubes length	2,5 m
Motor	230 V 50 Hz 1,2 kW
Max vacuum capacity	13 ÷ 15 kPa
Working pressure	8 bar
Avg air cons.	420 L/min
Dimensions	404 x 612 x 1046h mm
Net weight	30 kg

0310

SODA BLASTER

For external use, light weight, easy to carry, indicated for the removal of paints, rust, graffiti etc.

NEW PRICE



Overall dimensions	350 x 400 x 788h mm
Capacity	18 l
Working pressure	2,5 ÷ 6,2 bar
Avg air cons.	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.

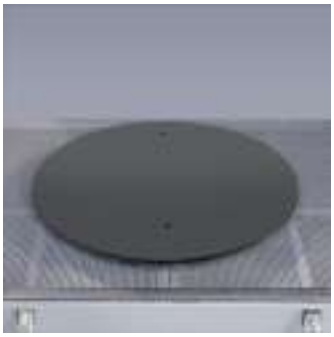


Art.	Capacity	Diameter	Overall dimensions	Net weight
SA01/CTR1	150 kg	580 mm	920 x 580 x 1070h mm	43,5 kg
SA01/CTR2	150 kg	580 mm	920 x 580 x 1335h mm	45 kg

SA01/TR

ROTARY TABLE

For sandblast cabinet.



Diameter	380 mm
Overall dimensions	380 x 43h mm
Net weight	7 kg

SA01/C

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

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	36	9 Mohs	25 kg
0582/80	80	9 Mohs	25 kg

0578-

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	36	9,1 Mohs	25 kg
0578/80	80	9,1 Mohs	25 kg

0579-

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	36 ÷ 60	7,5 Mohs	25 kg
0579/80	80	7,5 Mohs	25 kg

0569

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
Diameter ø	1,2 mm
Hardness	40 ÷ 50 HRC
Net weight	25 kg

0581

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

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

PAIR OF SANDBLASTING GLOVES



Gloves diameter	100 mm

05x

PAIR OF SANDBLASTING GLOVES



Art.	Length	Gloves diameter
0575/29	600 mm	180 mm
0580/21	450 mm	145 mm

0490/03

WINDOW PROTECTION SET

For sandblaster 0490.



5 Pcs

0601/24

WINDOW PROTECTION SET

For sandblasters: 0601, 0605, 0615.



5 Pcs

Size	670 x 300 mm

0601/30

LAMP PROTECTION SET

For sandblaster 0601.



5 Pcs

Size	900 x 260 mm

0687/005

LAMP PROTECTION SET

For sandblasters: 0687, 0878.



10 Pcs

Size	600 x 100 mm

0575/04

WINDOW PROTECTION SET

For sandblasters: 0575, 0575S, 0487, 0878, 0687.



10 Pcs

Size	550 x 250 mm

0580/01-6

WINDOW PROTECTION SET

For sandblasters: 0588, 0580S.



5 Pcs

Size	400 x 300 mm

SA01/F

HEPA CYCLONE FILTER

For items: 0615, SA01/C.



Diameter	320 mm
Height	600 mm

0687/029

SANDBLAST CYCLON

For items: 0878, 0601, 0687, 0605, SA01/A.



Diameter	170 mm
Height	305 mm

0687/041

GUN

For sandblasters: 0601, 0687.



0577/17

FIXED GUN

For sandblaster 0878.



U004

COMPOSITE NOZZLE

For sand blast cabinet, long life. Compatible with: 0878, 0575, 0575S, 0580, 0580S, 0487, 0290.



Nozzle diameter	Ø 6 mm

0462/55

CERAMIC NOZZLE SET

Compatible with: 0462.



5 Pcs

Nozzle diameter	Ø 7,5 mm

0687/102

CERAMIC NOZZLE SET

Compatible with: 0601, 0605, 0615, 0687.



4 Pcs

Nozzle diameter	Ø 6 - 7 mm

0290

SANDBLAST GUN

Metal gun, with ceramic nozzles. Compatible with: 0878, 0575, 0575S, 0580, 0580S, 0487, 0290.



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

U003

BORON CARBIDE NOZZLE

For sand blast cabinet, long life. Compatible with: 0601, 0605, 0615, 0687.



Nozzle diameter	Ø 7,5 mm

0490/20

CERAMIC NOZZLE SET

Compatible with: 0490.



4 Pcs

Nozzle diameter	Ø 3,5 mm

0575/0580/12

CERAMIC NOZZLE SET

Compatible with: 0878, 0575, 0575S, 0580, 0580S, 0487, 0290.



4 Pcs

Nozzle diameter	Ø 4 - 5 - 6 - 7 mm

0305

PART WASHER WITH HEATING SYSTEM

For washing with hot water up to 60°C with non-flammable liquids, or cold solvents. Equipped a Venturium pneumatic gun.

NEW PRICE









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	1,35 kW
Dimensions	790 x 610 x 1260h mm
Net weight	49 kg

0203

BENCH PART WASHER

For cold water/solvent washing, equipped with a Venturium pneumatic gun.

NEW PRICE







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

PARTS WASHER WITH DUAL PUMP

150L capacity, with 26w pump, cleaning brush and hose, workpiece tray.

NEW PRICE









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 880h mm
Net weight	43 kg

0038

DEGREASER CLEANING TANK

75L capacity, with 26w pump, cleaning brush and hose, workpiece tray.

NEW PRICE







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 880h mm
Net weight	25 kg

0232
DEGREASER CLEANING TANK WITH WHEEL

NEW PRICE



Internal tank dimensions	710 x 480 x 200h mm
Tub capacity	60 l
Pump	230 V 50 Hz 26 W
Pump capacity	10÷12 L/min
Dimensions	970 x 540 x 930h mm
Net weight	35 kg

0632
DEGREASER CLEANING PNEUMATIC TANK

NEW PRICE



Internal tank dimensions	710 x 480 x 200h 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
BENCH MICRO CLEANER

For wall mounting.

NEW PRICE



Capacity	14 l
Neon lamp	24 V 8 W
Pump	230 V 50 Hz 26 W
Pump capacity	10 ÷ 12 L/min
Dimensions	560 x 545 x 635h mm
Net weight	25 kg

0211
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
MOBILE PARTS WASHER

Made of ABS with rubber seals in NBR.

PLAY



Internal tank dimensions	460 x 660 x 260 mm
Capacity	9 l
Pump	230 V 50 Hz 16 W

0632/01
PARTS WASHER BRUSH

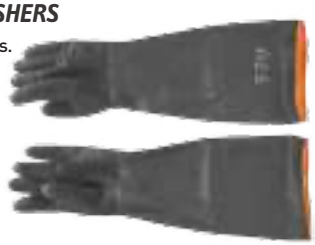
Not suitable for hydrocarbon-based products.
Compatible with items: 0632, 0232, 0038, 0486.



Length	280 mm
Diameter	35 mm
Shank	20 mm x Ø 10mm

0305/0203/1118
PAIR OF GLOVES FOR PARTS WASHERS

Not suitable for hydrocarbon-based products.
Compatible with items: 0305, 0203.



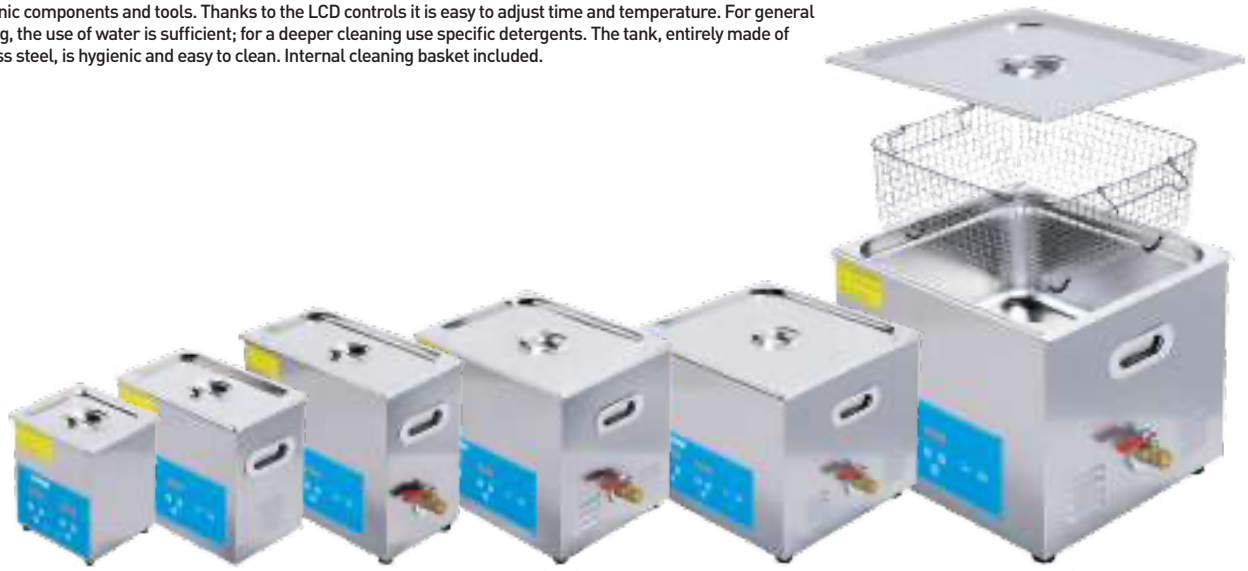
Length	540 mm

UC01-

NEW

ULTRASONIC CLEANER

The ultrasonic cleaning tank is ideal for deep cleaning of spare parts, metal spare parts in general, mechanical / electronic components and tools. Thanks to the LCD controls it is easy to adjust time and temperature. For general cleaning, the use of water is sufficient; for a deeper cleaning use specific detergents. The tank, entirely made of stainless steel, is hygienic and easy to clean. Internal cleaning basket included.



Art.	Power	Ultrasonic power	Frequency	Heating power	Capacity Liters	Emptying mode	Washing time adjustment	Temperature	External Dimensions	Compartment dimensions	Net weight
UC01/20	230 V 50 Hz	60 W	40 KHz	100 W	2 L	Manual	0 - 99 min	0C° - 80C°	190 x 170 x 195 mm	150 x 140 x 100 mm	2,1 kg
UC01/32	230 V 50 Hz	120 W	40 KHz	100 W	3,2 L	Manual	0 - 99 min	0C° - 80C°	270 x 170 x 220 mm	240 x 140 x 100 mm	3,2 kg
UC01/65	230 V 50 Hz	180 W	40 KHz	300 W	6,5 L	Drain Tap	0 - 99 min	0C° - 80C°	330 x 180 x 280 mm	300 x 155 x 150 mm	5,2 kg
UC01/100	230 V 50 Hz	240 W	40 KHz	300 W	10 L	Drain Tap	0 - 99 min	0C° - 80C°	330 x 270 x 280 mm	300 x 240 x 150 mm	6,5 kg
UC01/150	230 V 50 Hz	360 W	40 KHz	400 W	15 L	Drain Tap	0 - 99 min	0C° - 80C°	360 x 330 x 280 mm	330 x 300 x 150 mm	8,3 kg
UC01/300	230 V 50 Hz	600 W	40 KHz	500 W	30 L	Drain Tap	0 - 99 min	0C° - 80C°	530 x 330 x 330 mm	500 x 300 x 200 mm	12,0 kg

0632-

DETERGENT LIQUID



Art.	Contents	Specification
0632/D	25 l	Solvent base
0632/DA	25 l	Water dilutable max. 50%
0632/DCF	25 l	Water dilutable max. 20%, hot usage

0632/DCF05

DETERGENT LIQUID



Contents	5 l
Specification	Water dilutable max. 20%, hot or ultrasonic usage



A040/201C

NEW

ASH VACUUM CLEANER 15 LT

Ideal for vacuuming cold ashes from stoves, fireplaces and barbecues.



Power	1 kW
Capacity	15 Lt
Suction	15 Kpa
Air flow	25 l/s
Motor	230 V 50/60 Hz
Net weight	3,20 kg

A040/101

NEW

WET AND DRY VACUUM CLEANER 10 LT

ABS tank, dual suction and blowing function, complete with accessories.



Power	1 kW
Capacity	10 Lt
Suction	16 Kpa
Air flow	28 l/s
Motor	230 V 50/60 Hz
Cable length	3,5 m
Net weight	3,65 kg

A040/301

NEW

WET AND DRY VACUUM CLEANER 30 LT

For industrial use, complete with accessories. With dual vacuum and blowing functions.



Power	1,4 kW
Capacity	30 Lt
Suction	18 Kpa
Air flow	31 l/s
Motor	230 V 50/60 Hz
Cable length	4,0 m
Net weight	6,95 kg

A040/301P

NEW

WET AND DRY VACUUM CLEANER 30 LT WITH SOCKET

For industrial use, complete with accessories. With dual vacuum and blowing functions. Equipped with a power tool socket with automatic on/off.



Power	1,4 kW
Capacity	30 Lt
Suction	18 Kpa
Air flow	31 l/s
Motor	230 V 50/60 Hz
Cable length	4,0 m
Net weight	7,05 kg

A040/601P

NEW

WET AND DRY VACUUM CLEANER 60 LT WITH SOCKET

For industrial use, complete with accessories. With dual vacuum and blowing functions. Equipped with a power tool socket with automatic on/off.



Power	1,4 kW
Capacity	60 Lt
Suction	18 Kpa
Air flow	31 l/s
Motor	230 V 50/60 Hz
Cable length	4,0 m
Net weight	11,25 kg

A040/602

NEW

WET AND DRY VACUUM CLEANER 60 LT WITH 2 MOTORS

For industrial use, complete with accessories. With dual vacuum and blowing functions. With two motors.



Power	2,8 kW
Capacity	60 Lt
Suction	18 Kpa
Air flow	36 l/s
Motor	230 V 50/60 Hz
Cable length	5,0 m
Net weight	15,35 kg

A040/802

WET AND DRY VACUUM CLEANER 80 LT WITH 2 MOTORS

For industrial use, complete with accessories. With two motors.



Power	2 kW
Capacity	80 l
Motors	2 (230 V 50 Hz)
Suction	19 Kpa
Air flow	75 l/s
Dimensions	600 x 580 x 950 mm
Net weight	25 kg

A040/803

WET AND DRY VACUUM CLEANER 80 LT WITH 3 MOTORS

For industrial use, complete with accessories. With three motors.



Power	3 kW
Capacity	80 l
Motors	3 (230 V 50 Hz)
Suction	19 Kpa
Air flow	96 l/s
Dimensions	600 x 580 x 950 mm
Net weight	28 kg

ACAS/001
INLET SPONGE FILTER SET
Compatible:
- A040/602



ACAS/004
METAL EXTENSION PIPE
Compatible:
- A040/301
- A040/301P
- A040/601P



ACAS/007
BAG FILTER
Compatible:
- A040/301
- A040/301P

Diameter	300 mm
Depth	180 mm



ACAS/010
BIG BRUSH
Compatible:
- A040/101
- A040/301
- A040/301P
- A040/601P



ACAS/011
MULTI FUNCTION BRUSH
Compatible:
- A040/101
- A040/301
- A040/301P
- A040/601P



ACAS/014
RIGID PLASTIC TUBE
Compatible:
- A040/101



ACAS/020
INLET SPONGE FILTER SET
Compatible:
- A040/101



ACAS/021
PAPER BAG SET
Compatible:
- A040/101



ACAS/022
FLEXIBLE HOSE
Compatible:
- A040/101
- A040/301
- A040/301P
- A040/601P



ACAS/023
INLET SPONGE FILTER SET
Compatible:
- A040/301,
- A040/301P
- A040/601P



ACAS/024
HEPA FILTER
Compatible:
- A040/301
- A040/301P
- A040/601P



ACAS/025
HEPA FILTER
Compatible:
- A040/201C



ACAS/026
HEPA FILTER
Compatible:
- A040/602



A040/8037
FLEXIBLE HOSE
Compatible:
- A040/802
- A040/803



A040/8040
PAIR OF METAL TUBES
Compatible:
- A040/602,
- A040/802
- A040/803



A040/8029
BAG FILTER
Compatible:
- A040/802
- A040/803



A040/8047U
WET BRUSH
Compatible:
- A040/602
- A040/802
- A040/803



A040/8047S
DRY BRUSH
Compatible:
- A040/602
- A040/802
- A040/803



A040/8046
SHORT TIP
Compatible:
- A040/602
- A040/802
- A040/803



Spare parts	Straight nozzle

A040/8048
ROUND BRUSH
Compatible:
- A040/602
- A040/802
- A040/803



M041

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	12 kg

M040

PNEUMATIC DOT MARKING MACHINE

USB Type-A connection, software Windows 7 32 bit, Windows XP, Windows 10, Windows 11.







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
Software compatibility	Win7 32bit - WinXP - Win10 - Win11

M040/CF

WIRE CONTROL FOR DOT MARKING MACHINE



M040/CP

FOOT CONTROL FOR DOT MARKING MACHINE



M040/D

DIVIDER FOR DOT MARKING MACHINE



M040/SA

SHAFTS SUPPORT FOR DOT MARKING MACHINE



M040/ST

TUBE SUPPORT FOR DOT MARKING MACHINE



P012-L

HRC 58-60 LETTERS



Art.	Punch dimensions	Shank dimensions
P012/L03	3 mm	6 x 6 x 60h mm
P012/L04	4 mm	7 x 7 x 61h mm
P012/L05	5 mm	7,5 x 7,5 x 61h mm
P012/L06	6 mm	8,8 x 8,8 x 63h mm
P012/L08	8 mm	10 x 10 x 66h mm

P012-LxP

HRC 58-60 LETTERS

Micro stress.



Art.	Punch dimensions	Shank dimensions
P012/L03P	3 mm	7 x 7 x 61h mm
P012/L04P	4 mm	7,5 x 7,5 x 61h mm
P012/L05P	5 mm	8,8 x 8,8 x 63h mm
P012/L06P	6 mm	10 x 10 x 66h mm
P012/L08P	8 mm	12 x 12 x 70h mm

P012-N

NUMBERS HRC 58-60



Art.	Punch dimensions	Shank dimensions
P012/N03	3 mm	6 x 6 x 60h mm
P012/N04	4 mm	7 x 7 x 61h mm
P012/N05	5 mm	7,5 x 7,5 x 61h mm
P012/N06	6 mm	8,8 x 8,8 x 63h mm
P012/N08	8 mm	10 x 10 x 66h mm

P012-NxP

NUMBERS HRC 58-60

Micro stress.



Art.	Punch dimensions	Shank dimensions
P012/N03P	3 mm	7 x 7 x 61h mm
P012/N04P	4 mm	7,5 x 7,5 x 61h mm
P012/N05P	5 mm	8,8 x 8,8 x 63h mm
P012/N06P	6 mm	10 x 10 x 66h mm
P012/N08P	8 mm	12 x 12 x 70h mm

P021

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

ENGINEER' S SCRIBER WITH METAL BODY AND HARD-METAL POINT



Length	153 mm

P005

STEEL ENGINEER'S SCRIBER



Length	270 mm

P039

ENGINEER' S SCRIBER

With metal body and hard-metal point.



Telescopic	
Length	150 mm

P020

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

SET HARD-METAL POINT



2 Pcs

Length	40 mm

P020/P

SPARE PART BIT SET



2 Pcs



PRESSES

P001/100EP..



P001/75EP..



P001/75



P001/45



P001/30



P001/20



P001/12



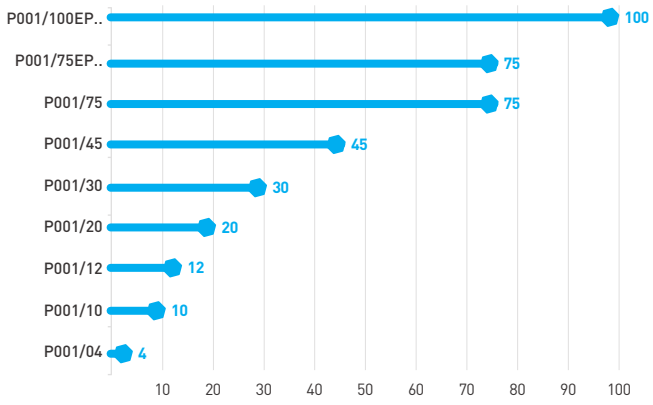
P001/10



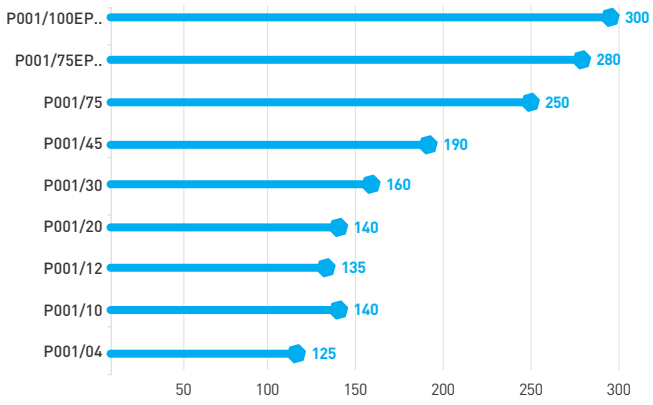
P001/04



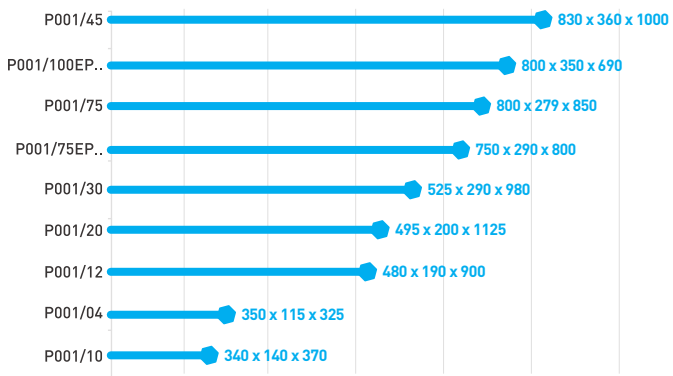
Capacity (Ton)



Ram stroke (mm)



Working area



P001/100EP400V

NEW

100 TON ELECTROMECHANICAL PRESS WITH 400V MOTOR

Equipped with single-hand operated lever control, wheeled piston assembly, and height-adjustable work surface with chain-driven lifting mechanism.







Capacity	100000 kg
Working area	800 x 350 x 690h mm
Cylinder Ø	180 mm
Ram Ø	81 mm
Ram stroke	300 mm
Working pressure	38,5 MPa
Dimensions	1300 x 950 x 2000h mm
Net weight	785 kg
Motor	400 V 50-60 Hz 3 kW
Tank capacity	60 l
Usage time	Max 10 min continuous use

P001/100EP230V

NEW

100 TON ELECTROMECHANICAL PRESS WITH 230V MOTOR



P001/75EP400V

NEW

75 TON ELECTROMECHANICAL PRESS WITH 400V MOTOR

Equipped with single-hand operated lever control, wheeled piston assembly, and height-adjustable work surface with chain-driven lifting mechanism.







Capacity	75000 kg
Working area	750 x 290 x 800h mm
Cylinder Ø	160 mm
Ram Ø	75 mm
Ram stroke	280 mm
Working pressure	36,6 Mpa
Dimensions	1200 x 850 x 2000h mm
Net weight	580 kg
Motor	400 V 50-60 Hz 3 kW
Tank capacity	60 l
Usage time	Max 10 min continuous use

P001/75EP230V

NEW

75 TON ELECTROMECHANICAL PRESS WITH 230V MOTOR



P001/75

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 850h mm
Cylinder Ø	125 mm
Ram Ø	78 mm
Ram stroke	250 mm
Working pressure	0,75 ÷ 0,85 MPa
Dimensions	1140 x 800 x 1896h mm
Net weight	460 kg



NEW PRICE

P001/45

HYDRAULIC SHOP PRESS WITH MANUAL PNEUMATIC CONTROL

With manual winch for bench handling, equipped with manual control and pneumatic servo pump with hand control.





Capacity	45000 kg
Working area	830 x 360 x 1000h 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 1700h mm
Net weight	330 kg



NEW PRICE

P001/30

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 1780h mm
Net weight	145 kg



NEW PRICE

P001/20

HYDRAULIC SHOP PRESS

With moveable piston.

NEW PRICE







Capacity	20000 kg
Working area	495 x 200 x 1125h mm
Cylinder Ø	75 mm
Ram Ø	48 mm
Ram stroke	140 mm
Max. pressure	69,3 MPa
Dimensions	690 x 600 x 1830h mm
Net weight	94 kg

P001/12

HYDRAULIC SHOP PRESS

With movable piston.

NEW PRICE





Capacity	12000 kg
Working area	480 x 190 x 900h mm
Cylinder Ø	56 mm
Ram Ø	38 mm
Ram stroke	135 mm
Max. pressure	69 MPa
Dimensions	730 x 550 x 1600h mm
Net weight	60 kg

P001/10

HYDRAULIC SHOP PRESS

With bench and movable piston.

NEW PRICE







Capacity	10000 kg
Working area	340 x 140 x 370h mm
Cylinder Ø	56 mm
Ram Ø	38 mm
Ram stroke	130 mm
Max. pressure	69 MPa
Dimensions	565 x 500 x 1040h mm
Net weight	52 kg

P001/04

HYDRAULIC SHOP PRESS

Counter top, 4 ton, for brearings.

NEW PRICE





Capacity	4000 kg
Working area	350 x 115 x 325h mm
Cylinder Ø	40 mm
Ram Ø	25 mm
Ram stroke	125 mm
Max. pressure	51 MPa
Dimensions	450 x 400 x 655h mm
Net weight	30 kg

0485

SHOP PRESS PIN SET

Of 20t and 30t.

8 Pcs

Pins head size	24,7 mm



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	5000 N	90 mm	160 mm	19 x 19 mm	8 kg
P022/10	10000 N	100 mm	180 mm	25 x 25 mm	12 kg
P022/20	20000 N	170 mm	260 mm	30 x 30 mm	27 kg

P029-

RATCHET ARBOR PRESS

With removeable revolving table.



P029/2



P029/3

Art.	Capacity	Dimensions	Max height piece	Max ø piece	Arbor size	Net weight
P029/2	15000 N	390 x 160 x 720h mm	190 mm	180 mm	30 x 30 mm foro 10 mm	42 kg
P029/3	25000 N	450 x 200 x 870h mm	290 mm	250 mm	37,5 x 37,5 mm foro 13,8 mm	60 kg

P028-

HAND PUNCH

With spring loaded return.

NEW PRICE



P028/07



P028/14

Art.	Capacity	Dimensions	Max height piece	Max ø piece	Spindle travel	Net weight
P028/07	1500 N	240 x 155 x 335h mm	230 mm	150 mm	50 mm	8,5 kg
P028/14	2000 N	280 x 170 x 760h mm	275 mm	180 mm	70 mm	18 kg

0054/10

HYDRAULIC BODY FRAME REPAIR KIT

NEW PRICE



Capacity	10 ton
Ram length	330 mm
Ram stroke	130 mm
Net weight	30 kg
Extensions	140 - 240 - 340 - 590 mm

0054/4

HYDRAULIC BODY FRAME REPAIR KIT

NEW PRICE



Capacity	4 ton
Ram length	270 mm
Ram stroke	120 mm
Net weight	19 kg

0664

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 ml
Avg air cons.	10 SCFM
Net weight	8 kg

0271

HYDRAULIC PUMP

With pump activation pedal.



Rated pressure	63,7 MPa
Usable oil capacity	790 ml
Hose length	1500mm
Net weight	7 kg

0663

PULL BACK RAM



Capacity	5 ton
Length closed	560 mm
Length Open	690 mm

Cylinder Ø	ø 33 mm
Swing	130 mm
Net weight	5,5 kg


FERVI

0567

LOW PROFILE HYDRAULIC TROLLEY JACK

2 tons, made of steel.



Capacity	2 ton
Dimensions	580 x 165 x 235h mm
Lifting	90 ÷ 385 mm
Net weight	13 kg

0457

LOW PROFILE JACK

2 tons, made of steel, with round handle.



Capacity	2 ton
Dimensions	785 x 350 x 152 mm
Lifting	70 ÷ 500 mm
Net weight	41 kg

0369

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

LOW PROFILE HYDRAULIC TROLLEY JACK

2,5 ton, double pump quick lift, with load limiter.



Capacity	2,5 ton
Dimensions	680 x 345 x 220h mm
Lifting	75 ÷ 500 mm
Net weight	32,5 kg

0065A

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

HYDRAULIC TROLLEY JACK

PLAY



Capacity	3 ton
Dimensions	572 x 328 x 175h mm
Lifting	130 ÷ 465 mm
Net weight	28 kg

0060

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

HYDRAULIC TROLLEY JACK

Aluminium and steel hydraulic trolley jack with double pump.



Capacity	2.5 ton
Dimensions	659 x 289 x 165h mm
Lifting	100 ÷ 465 mm
Net weight	29,5 kg

C039/15

HYDRAULIC TROLLEY JACK

Aluminium and steel hydraulic trolley jack with double pump.



Capacity	1,5 ton
Dimensions	490 x 270 x 130h mm
Lifting	90 ÷ 358 mm
Net weight	15 kg

0658

HYDRAULIC JACK



Capacity	10 ton
Lifting range of foot	30 ÷ 260 mm
Lifting range of head	420 ÷ 665 mm
Net weight	30 kg

0067

COUPLE JACK STAND

Height adjustable with fixing pin.

NEW PRICE



Capacity	2 ton
Heigths	240 - 270 - 320 - 365 mm
Net weight	3 kg

0069-

COUPLE JACK STAND

PLAY



Art.	Capacity	Height min - max	Base dimensions	Net weight
0069/3	3 ton	298 ÷ 428 mm	190 x 210 mm	6,5 kg
0069/6	6 ton	400 ÷ 610 mm	260 x 285 mm	13 kg
0069/10	10 ton	468 ÷ 718 mm	290 x 328 mm	29 kg

0021/1

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	1555 x 1010 x 1455h mm
Fold dimensions	720 x 490 x 1520h mm
Min/max reach	715 ÷ 990 mm
Hook heights with raised arm	1800 mm @ 1000 kg | 1970 mm @ 250 kg
Hook heights with lowered arm	160 mm @ 250 kg | 400 mm @ 1000 kg
Front opening	890 mm
Net weight	64,5 kg

0021/2

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	1730 x 1025 x 1400h mm
Fold dimensions	760 x 760 x 1635h mm
Min/max reach	750÷ 1280 mm
Hook heights with raised arm	1870 mm @ 2000 kg | 2280 mm @ 500 kg
Hook heights with lowered arm	0 mm @ 500 kg | 430 mm @ 2000 kg
Front opening	910 mm
Net weight	90,5 kg

0094

TRANSMISSION JACK

With load limiter, cross support and tilt support to better align and position gearboxes and differentials.



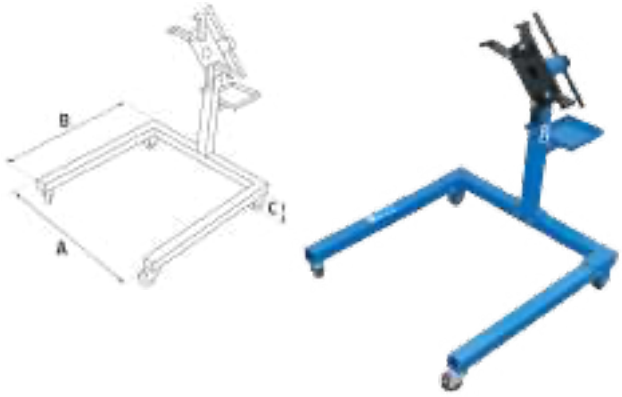
Capacity	500 kg
Dimensions	700 × 660 x 1190h mm
Min - Max height	1190 ÷ 2000 mm
Net weight	32,5 kg



S033

ENGINE STAND

Equipped with 2 swivel wheels with brakes and 2 fixed cast iron wheels, it allows the motor to tilt in 8 positions. Includes a rotating tray for small parts.



Capacity	600 kg	A	720 mm
Dimensions	1200 x 840 x 930 mm	B	840 mm
Net weight	27,5 kg	C	170 mm

S068

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 900 mm	B	810 mm
Net weight	31 kg	C	180 mm
A	820 mm	D	680 mm

S019

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	B	810 mm
Net weight	21 kg	C	150 mm
A	780 mm	D	450 mm

S024

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	Bed length	730 ÷ 1480 mm
Adjusting height	205 mm	Net weight	13 kg

0147

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	Chain	350 mm
Max stroke of slide	330 mm	Net weight	5 kg

R015

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 SUV 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	1520 x 735 mm	170 kg	12,5 % (7°)	180 mm	13,5 kg
0649/1800	1800 x 735 mm	150 kg	12,5 % (7°)	220 mm	16 kg

0594

OIL DRAINER WITHOUT TANK

With wheels, to use under lifts, for waste oil.



Height min - max	1150 - 1700 mm
Base dimensions	390 x 390 mm
Net weight	13 kg

0595

OIL DRAINER

With thank and wheels, to use under lifts, for waste oil.

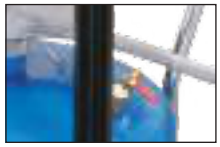


Tank capacity	70 l
Height min - max	1170 ÷ 1860 mm
Maximum tank pressure	0,45 bar
Net weight	23 kg

0596

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 Ø 6 mm x 695 mm
Nylon probe	2 x Ø 6 mm x 680 mm | 2 x Ø 8 mm x 700 mm
Suction	Ø 6 x 4,5 mm - 0,4 ÷ 0,8 l/min | Ø 8 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

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

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

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

S029

ELECTRO-HYDRAULIC MOTORCYCLE LIFT TABLE







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 0,55 kW
Net weight	225 kg

S029P

ELECTRO-HYDRAULIC MOTORCYCLE LIFT TABLE

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 0,55 kW
Net weight	240 kg

S027

ELECTRO-HYDRAULIC MOTORCYCLE LIFT TABLE







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 0,55 kW
Net weight	150 kg

S027ATV

ELECTRO-HYDRAULIC ATV & MOTORCYCLE LIFT TABLE







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 0,55 kW
Net weight	235 kg

S008/M

HYDRAULIC MOTORCYCLE LIFT TABLE

With foot pump.

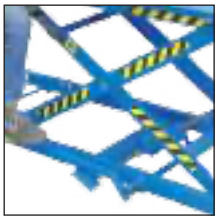
NEW PRICE



PLAY







Max lifting capacity	400 kg
Platform dimensions	1825 x 660 mm
Total length	2500 mm
Min - Max height	195 ÷ 750 mm
Vice	410 x 100 mm
Vice opening	210 x 50 mm
Net weight	133 kg

S013

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

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	Stand height	55 - 80 mm
Platform dimensions	450 x 150 mm	Hexagon	22 mm
Min - Max height	95 ÷ 400 mm	Net weight	14 kg

0430

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

MOTORCYCLE WHEEL BLOCK

Strong body, simple and easy use, adjustable wheel size, safety lock.



Wheel diameter	381 - 533 mm
Overall dimensions	730 x 468 x 440h mm
Net weight	10 kg

0217

VEHICLE POSITIONING JACK

With wheel positionig brakes.



Capacity	680 kg	Max tire width	325 mm
Lateral stroke	370 mm	Overall dimensions	730 x 468 x 440h mm
Working range	710 - 340 mm	Net weight	15 kg

S017

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

SHOP SEAT

With pivoting wheels, tool holder base, seat with padding.



Dimensions	440 x 375 x 400h mm
Net weight	4,2 kg

0645/CC

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 40h mm
Maximum capacity	120 Kg
Net weight	8 kg

0645/CP

PLASTIC CREEPER

Shockproof, with 6 wheels.



Dimensions	1000 x 470 x 120h mm
Net weight	4,8 kg

0645/C

6 WHEELS CAR CREEPER



Dimensions	1030 x 420 x 100h mm
Net weight	6,5 kg
Maximum capacity	120 Kg

0645/SS

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
Maximum capacity	120 Kg

0256-

HYDRAULIC RAM



Art.	Maximum capacity	Working pressure	Min-max lifting height	Cylinder Ø	Ram stroke	Dimensions	Net weight
0256/05	5 ton	63 Mpa	33 ÷ 39 mm	Ø 24 mm	6 mm	45 x 95 mm	0,6 kg
0256/10	10 ton	63,7 Mpa	44 ÷ 55 mm	Ø 38 mm	11 mm	56 x 118 mm	1,3 kg
0256/20	20 ton	63,7 Mpa	52 ÷ 63 mm	Ø 50 mm	11 mm	76 x 138 mm	2,6 kg
0256/30	30 ton	63,7 Mpa	60 ÷ 72 mm	Ø 63 mm	12 mm	95 x 158 mm	4,4 kg
0256/50	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	2 ton	168 mm	100 mm	48 mm	95 x 78 mm	Ø 22 mm	2,5 kg
0062/5	5 ton	207 mm	125 mm	70 mm	117 x 97 mm	Ø 32 mm	4 kg
0062/10	10 ton	222 mm	145 mm	80 mm	124 x 106 mm	Ø 35 mm	5 kg
0062/15	15 ton	227 mm	150 mm	80 mm	141 x 118 mm	Ø 48 mm	7,5 kg
0062/20	20 ton	235 mm	150 mm	60 mm	152 x 124 mm	Ø 53 mm	9 kg
0062/32	32 ton	285 mm	180 mm	-	170 x 160 mm	Ø 56 mm	13,5 kg
0062/50	50 ton	295 mm	180 mm	-	215 x 175 mm	Ø 85 mm	29 kg



0010

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

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

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	370 ÷ 1300 mm
Net weight	92 kg

C650

THREE SHELVES TROLLEY

Strong and easy to assemble, 2 swivel and 2 fixed casters.



Dimensions	800 x 450 x 800h mm
Steel thickness	1,5 mm
Wheels	Ø 80 mm
Capacity	100 kg
Net weight	17 kg

C750

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

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
Net weight	15,5 kg

C075/2

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

CART WITH WOODEN SHELF

Cart made of steel, with 2 fixed wheels and 2 swivel wheels with brake.



Overall dimensions	1000 x 800 x 810h 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	Ø 100 mm	150 kg	700 x 450 mm	820 mm	7,8 kg
C300	Ø 125 mm	300 kg	900 x 600 mm	890 mm	13,4 kg

C170P

FOLDING ALUMINIUM HAND TRUCK

Folding hand truck with automatic opening through a simple push on the toe plate. Automatic locking in the open or closed position. Telescopic structure and toe plate in aluminum.



Sizes of the wheel	Ø 125 x 28 mm
Hole diameter	6 mm
Capacity	70 kg
Toe plate dimensions	385 x 275 mm
Net weight	3,00 kg
Dimensions	385 x 410 x 985h mm
Overall dimensions	385 x 55 x 635h mm

C1101

HAND TRUCK WITH SOLID WHEELS

For flower pots and boxes, safety handles, epoxy painting.



Sizes of the wheel	Ø 200 x 40 mm
Hole diameter	12 mm
Capacity	80 kg
Toe plate dimensions	350 x 180 mm
Net weight	5,70 kg
Dimensions	460 x 370 x 1000 h mm

C1102

HAND TRUCK WITH SOFT 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

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

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

C183

STAIR-CLIMBING HAND TRUCK

Safety handles, epoxy painting.



Sizes of the wheel	Ø 155 x 42 mm
Hole diameter	16 mm
Capacity	200 kg
Toe plate dimensions	310 x 220 mm
Net weight	13,5 kg
Dimensions	500 x 620 x 1180h mm

C184

2-IN-1 HAND TRUCK

Can be used in two positions to facilitate the handling of heavy and bulky loads.



Pneumatic wheels	Ø 260 x 83 mm
Mobile wheels	Ø 100 x 23 mm
Hole diameter	20 mm - 10 mm
Capacity	250 kg
Toe plate dimensions	390 x 140 mm
Movable grid	325 x 335 mm
Platform dimensions	380 x 850 mm
Net weight	12 kg
Dimensions	590 x 420 x 1117h mm 590 x 1117 x 1050h mm

0461

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.



Sizes of the wheel	250 x 75 mm
Hole sizes	Ø 20 - 18 x 74 mm

0237-

LEVER CHAIN HOIST



Art.	Capacity	Lifting	Net weight
0237/05	500 kg	1500 mm	5 kg
0237/15	1500 kg	1500 mm	10 kg

0056-

CHAIN HOIST

NEW PRICE



Art.	Capacity	Lifting	Net weight
0056/1	1000 kg	3000 mm	11 kg
0056/2	2000 kg	3000 mm	20 kg

P019

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	1260 x 380 x 500 mm
Platform dimensions	950x300 mm
Net weight	7,5 kg

0236

HOIST ARM

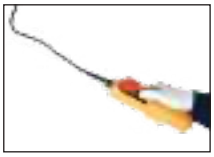


Capacity	300 kg
Arm	750 mm
Slot distance	380 mm
Section	45 x 45 mm
Net weight	6 kg

0602

ELECTRIC CABLE HOIST

With steel cable and mechanical limit switch.







NEW PRICE

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

ELECTRIC CABLE HOIST

With steel cable and mechanical limit switch.







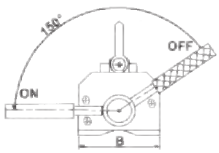
NEW PRICE

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	300 kg	100 kg	50 ÷ 300 mm	189 x 163 x 92 (B) mm	9,5 kg
S0600	600 kg	200 kg	70 ÷ 400 mm	267 x 198 x 129 (B) mm	19 kg
S1000	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.

made in Italy



Art.	Length	Capacity 0°	Capacity 45°	Chain	Hook
PDC4/7/2	2000 mm	3150	2240	Ø 7 mm	SLF
PDC4/7/3	3000 mm	3150	2240	Ø 7 mm	SLF
PDC4/7/4	4000 mm	3150	2240	Ø 7 mm	SLF
PDC4/10/2	2000 mm	6700	4750	Ø 10 mm	SLF
PDC4/10/3	3000 mm	6700	4750	Ø 10 mm	SLF
PDC4/10/4	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.



made in italy

Art.	Length	Capacity 0°	Capacity 45°	Chain	Hook
PDC2/7/2	2000 mm	2120	1500	Ø 7 mm	SLF
PDC2/7/3	3000 mm	2120	1500	Ø 7 mm	SLF
PDC2/7/4	4000 mm	2120	1500	Ø 7 mm	SLF
PDC2/10/2	2000 mm	4250	3150	Ø 10 mm	SLF
PDC2/10/3	3000 mm	4250	3150	Ø 10 mm	SLF
PDC2/10/4	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.



made in italy

Art.	Length	Vertical capacity	Chain	Hook
PDC1/7/1	1000 mm	1500 kg	Ø 7 mm	SLF
PDC1/7/2	2000 mm	1500 kg	Ø 7 mm	SLF
PDC1/10/1	1000 mm	3150 kg	Ø 10 mm	SLF
PDC1/10/2	2000 mm	3150 kg	Ø 10 mm	SLF

06x

LASHING SYSTEM WITH POLYESTER RIBBON DRAFT

EN 12195-2.



Art.	Strap ribbon with turnbuckle	Ribbon width	Capacity	Hooks
0635	5,50 + 0,50 m	35 mm	1000 kg	2
0650	8,00 + 0,50 m	50 mm	2000 kg	2
0675	10,00 + 1,00 m	75 mm	3000 kg	2

0635/25

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

AN2G/12/1

2 STEEL ARMS PENDING



made in italy

Rope	ø 12 mm
Length	1000 mm
Capacity	30° 2600 kg
Capacity	90° 2100 kg

P. 400

x-1000

POLYESTER COLORED SLINGS

Double layer band lifting system, standard, security factor 7:1. EN 1492-1.



Art.	m	Width	Colour	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/1000	1	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
2/1000	2	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
3/1000	3	50 mm	Purple	250 mm	1000 kg	2000 kg	1400	1000	800 kg
4/1000	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	Colour	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/2000	1	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
2/2000	2	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
3/2000	3	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
4/2000	4	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
5/2000	5	60 mm	Green	250 mm	2000 kg	4000 kg	2800	2000	1600 kg
6/2000	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	Colour	Eye length	Vertical capacity	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
1/3000	1	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
2/3000	2	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
3/3000	3	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
4/3000	4	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
5/3000	5	90 mm	Yellow	300 mm	3000 kg	6000 kg	4200	3000	2400 kg
6/3000	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	Colour	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/1000	1 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT2/1000	2 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT3/1000	3 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT4/1000	4 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT5/1000	5 m	Purple	1000 kg	2000 kg	1400	1000	800 kg
FT6/1000	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	Colour	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/2000	1 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT2/2000	2 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT3/2000	3 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT4/2000	4 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT5/2000	5 m	Green	2000 kg	4000 kg	2800	2000	1600 kg
FT6/2000	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	Colour	Vertical	Capacity basket	Basket capacity ß 45° kg	Basket capacity ß 60° kg	Capacity choker
FT1/3000	1 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT2/3000	2 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT3/3000	3 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT4/3000	4 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT5/3000	5 m	Yellow	3000 kg	6000 kg	4200	3000	2400 kg
FT6/3000	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	800 kg	Ø 8,3 mm x 20 m	11 kg
0791/16	1600 kg	Ø 11 mm x 20 m	24 kg
0791/32	3200 kg	Ø 16 mm x 20 m	50 kg

0066

DOUBLE RATCHET HAND PULLER



Max load	800 kg
Cable diameter	Ø 5 mm
Max length	2 m
Net weight	2,7 kg

0070/C

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

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

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



0028B

NEW

TRUCK PALLET WITH SCALE

Not legal for trade, tare function powered by rechargeable battery, with polyurethane wheels.



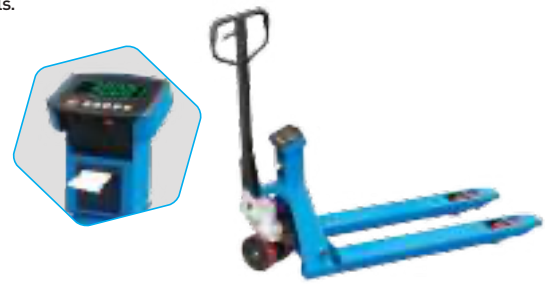
Capacity	2000 Kg
Weight capacity	2000 Kg
Fork height	88 ÷ 200 mm
Fork dimensions	1150 x 570 mm
Reading	1 Kg
Accuracy	± 2 kg
Printer	No
Front wheel	Double
Net weight	93 Kg

0028BS

NEW

TRUCK PALLET WITH SCALE AND PRINTER

Not legal for trade, tare function powered by rechargeable battery, with polyurethane wheels.



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	Yes
Front wheel	Double
Net weight	93,5 Kg

0028R

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

MANUAL TRUCK -PALLET

With polyurethane wheels.

NEW PRICE



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

0028-XL

MANUAL TRUCK-PALLET LONG FORKS

With polyurethane wheels.



Art.	Capacity	Fork height	Fork dimensions	Armor plate thickness	Front wheel	Net weight
0028/1500	2000 kg	85 ÷ 200 mm	1500 x 540 mm	3 mm	Double	86 kg
0028/1800	2000 kg	85 ÷ 200 mm	1800 x 540 mm	3 mm	Double	96 kg
0028/2000	2000 kg	85 ÷ 200 mm	2000 x 540 mm	3 mm	Double	102 kg

0064

MANUAL TRUCK -PALLET

With polyurethane wheels.



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

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



0782

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

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	1690x910x2100h mm
Net weight	250 kg

0143/25

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	6 ton	110 mm	85 x 85 mm	8	Ø 170 mm	1080 mm	± 90°	610 x 520 mm	41 kg
0654/09L	9 ton	110 mm	85 x 85 mm	12	Ø 170 mm	1080 mm	± 90°	840 x 583 mm	59 kg
0654/12L	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.

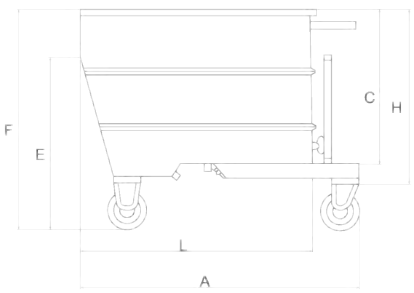


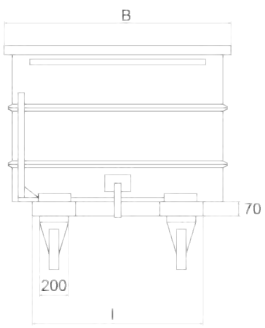
Art.	Capacity	Working height	Roller dimensions	Wheels	Table dimensions	Lever bar length	Net weight
0654/06F	6 ton	110 mm	85 x 85 mm	4	200 x 220 mm	640 ÷1030 mm	30 kg
0654/09F	9 ton	110 mm	85 x 85 mm	6	200 x 320 mm	840 ÷ 1230 mm	43 kg
0654/12F	12 ton	110 mm	85 x 85 mm	8	200 x 407 mm	1104 ÷ 1430 mm	52 kg

C030-

SCRAP DUMPING CONTAINER EQUIPPED WITH WHEELS

Additional colors and accessories available upon request.







made in Italy

Art.	Liters	A	B	C	E	F	H	I	L	Capacity	Wheels	Net weight
C030/0300	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	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	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	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	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

P. 406


FERVI

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FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)


UNIVERSO
34

WRENCHES

p. 410 Ratchets wrenches
p. 411 Double open end wrenches
p. 412 Combination spanners
p. 414 Ring spanners
p. 417 Tubular sockets
p. 419 Hex keys
p. 421 Tork keys
p. 422 T-handle swivel
p. 423 Filter wrenches
p. 424 Torque wrenches

SOCKET WRENCHES AND SCREW EXTRACTORS

p. 427 Quick-release ratchets
p. 428 Sockets
p. 442 Impact sockets
p. 450 Screw extractors

SCREWDRIVERS AND HAND RIVETERS

p. 451 Sockets screwdrivers
p. 453 Screwdrivers
p. 457 Precision screwdrivers
p. 458 Hex bits
p. 463 Hand riveters

PLIERS, HAMMERS, FILES AND CHISELS

p. 464 Pliers
p. 468 Grip pliers
p. 469 Pipe wrenches
p. 470 Hammers
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UTILITY KNIVES, DEBURRING AND CUTTING TOOLS

p. 479 Utility knives
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p. 483 Jigsaws arches
p. 484 Scissors
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SETS AND FASTENINGS

p. 487 Staplers and brad nailers
p. 487 Sets

CONSTRUCTION AND PACKAGING

p. 492 Guns for chemicals
p. 493 Trowels and putty knives
p. 494 Packaging material

TOOL KITS

p. 495 Tool rolling cabinets with tools
p. 501 Series of tools in trays
p. 508 Tool boxes with tools

0690-

RATCHET FLEXIBLE HEAD COMBINATION SPANNER





Hangable | Cr-V | Chromed | DIN 3113 | 5° 72 teeth

Art.	Size	Length
0690/08	8 mm	150 mm
0690/09	9 mm	150 mm
0690/10	10 mm	160 mm
0690/11	11 mm	170 mm
0690/12	12 mm	170 mm
0690/13	13 mm	185 mm
0690/14	14 mm	205 mm
0690/15	15 mm	205 mm
0690/16	16 mm	230 mm
0690/17	17 mm	230 mm
0690/18	18 mm	250 mm
0690/19	19 mm	250 mm

0690/07P

RATCHET FLEXIBLE HEAD COMBINATION SPANNER SET





7 Pcs | Hangable | Cr-V | Chromed | DIN 3113

Sizes 8 - 10 - 11 - 13 - 15 - 17 - 19 mm

0690/12P

RATCHET FLEXIBLE HEAD COMBINATION SPANNER SET





12 Pcs | Hangable | Cr-V | Chromed | DIN 3113

Sizes 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

0700-

RATCHET HEAD COMBINATION SPANNER



Hangable | Cr-V | Chromed | 5° 72 teeth

Art.	Size	Length
0700/08	8 mm	140 mm
0700/09	9 mm	150 mm
0700/10	10 mm	160 mm
0700/11	11 mm	165 mm
0700/12	12 mm	172 mm
0700/13	13 mm	180 mm
0700/14	14 mm	190 mm
0700/15	15 mm	220 mm
0700/16	16 mm	221 mm
0700/17	17 mm	225 mm
0700/18	18 mm	238 mm
0700/19	19 mm	248 mm

0700/07P

RATCHET COMBINATION SPANNER SET



7 Pcs | Hangable | Cr-V | Chromed | 5° 72 teeth

Sizes 8 - 10 - 11 - 13 - 15 - 17 - 19 mm

0700/12P

RATCHET COMBINATION SPANNER SET



12 Pcs | Hangable | Cr-V | Chromed | 5° 72 teeth

Sizes 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm



0201-

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH



Cr-V | Chromed | DIN 3110

Art.	Size	Length
0201/06X07	6 x 7 mm	122 mm
0201/08X09	8 x 9 mm	140 mm
0201/10X11	10 x 11 mm	156 mm
0201/12X13	12 x 13 mm	172 mm
0201/14X15	14 x 15 mm	190 mm
0201/16X17	16 x 17 mm	190 mm
0201/18X19	18 x 19 mm	225 mm
0201/20X22	20 x 22 mm	235 mm
0201/21X23	21 x 23 mm	250 mm
0201/24X27	24 x 27 mm	265 mm

Art.	Size	Length
0201/25X28	25 x 28 mm	280 mm
0201/30X32	30 x 32 mm	300 mm
0201/32X36	32 x 36 mm	325 mm
0201/34X36	34 x 36 mm	325 mm
0201/35X38	35 x 38 mm	330 mm
0201/36X41	36 x 41 mm	360 mm
0201/41X46	41 x 46 mm	400 mm
0201/46X50	46 x 50 mm	450 mm
0201/50X55	50 x 55 mm	485 mm
0201/55X60	55 x 60 mm	520 mm

0200

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH SET



8 Pcs | Hangable | Cr-V | Chromed | DIN 3110

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0201

DOUBLE OPEN END MIRROR POLISH LONG PATTERN WRENCH SET



12 Pcs | Hangable | Cr-V | Chromed | DIN 3110

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0208-

MIRROR POLISH LONG PATTERN COMBINATION SPANNER



Cr-V | Chromed | DIN 3113

Art.	Size	Length
0208/06	6 mm	100 mm
0208/07	7 mm	110 mm
0208/08	8 mm	120 mm
0208/09	9 mm	130 mm
0208/10	10 mm	140 mm
0208/11	11 mm	150 mm
0208/12	12 mm	160 mm
0208/13	13 mm	170 mm
0208/14	14 mm	180 mm
0208/15	15 mm	190 mm
0208/16	16 mm	200 mm
0208/17	17 mm	210 mm
0208/18	18 mm	220 mm
0208/19	19 mm	230 mm
0208/20	20 mm	240 mm
0208/21	21 mm	250 mm
0208/22	22 mm	260 mm
0208/23	23 mm	270 mm
0208/24	24 mm	280 mm
0208/25	25 mm	290 mm
0208/26	26 mm	300 mm
0208/27	27 mm	310 mm
0208/28	28 mm	320 mm
0208/30	30 mm	340 mm
0208/32	32 mm	360 mm
0208/34	34 mm	380 mm
0208/36	36 mm	400 mm
0208/38	38 mm	400 mm
0208/41	41 mm	440 mm
0208/46	46 mm	490 mm
0208/50	50 mm	530 mm

0199P-

MIRROR POLISH LONG PATTERN COMBINATION SPANNER

Inches.



Cr-V | Chromed | DIN 3113

Art.	Size	Length
0199P/1/4	1/4"	100 mm
0199P/5/16	5/16"	120 mm
0199P/3/8	3/8"	140 mm
0199P/7/16	7/16"	150 mm
0199P/1/2	1/2"	170 mm
0199P/9/16	9/16"	180 mm
0199P/5/8	5/8"	200 mm
0199P/11/16	11/16"	210 mm
0199P/3/4	3/4"	230 mm
0199P/13/16	13/16"	250 mm
0199P/7/8	7/8"	260 mm
0199P/15/16	15/16"	280 mm
0199P/1	1"	290 mm

0199

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET



12 Pcs | Hangable | Cr-V | Chromed | DIN 3113

Sizes 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0208

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET



25 Pcs | Box | Cr-V | Chromed | DIN 3113

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

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET



6 Pcs | Box | Cr-V | Chromed | DIN 3113

Sizes 34 - 36 - 38 - 41 - 46 - 50 mm

0199P

MIRROR POLISH LONG PATTERN COMBINATION SPANNER SET

Inches.



13 Pcs | Hangable | Cr-V | Chromed | DIN 3113

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



Cr-V | Satin | DIN 3110

Art.	Size	Length
0222/06X07	6 x 7 mm	122 mm
0222/08X09	8 x 9 mm	140 mm
0222/10X11	10 x 11 mm	155 mm
0222/12X13	12 x 13 mm	170 mm
0222/14X15	14 x 15 mm	190 mm
0222/16X17	16 x 17 mm	205 mm
0222/18X19	18 x 19 mm	220 mm
0222/20X22	20 x 22 mm	235 mm
0222/21X23	21 x 23 mm	250 mm
0222/24X27	24 x 27 mm	265 mm
0222/25X28	25 x 28 mm	280 mm
0222/30X32	30 x 32 mm	300 mm

0221

DOUBLE OPEN END WRENCH SET



8 Pcs | Hangable | Cr-V | Chromed | DIN 3110

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0222

DOUBLE OPEN END WRENCH SET



12 Pcs | Hangable | Cr-V | Chromed | DIN 3110

Sizes 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0544

SET OF CHROME COMBINATION SPANNER WITH INCLINED HEAD



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

0224-

COMBINATION SPANNER



Cr-V | Satin | DIN 3113

Art.	Size	Length
0224/06	6 mm	100 mm
0224/07	7 mm	110 mm
0224/08	8 mm	120 mm
0224/09	9 mm	130 mm
0224/10	10 mm	140 mm
0224/11	11 mm	150 mm
0224/12	12 mm	160mm
0224/13	13 mm	170 mm
0224/14	14 mm	180 mm
0224/15	15 mm	190 mm
0224/16	16 mm	200 mm
0224/17	17 mm	210 mm
0224/18	18 mm	220 mm
0224/19	19 mm	230 mm
0224/20	20 mm	240 mm
0224/21	21 mm	250 mm
0224/22	22 mm	260 mm
0224/23	23 mm	270 mm
0224/24	24 mm	280 mm
0224/25	25 mm	290 mm
0224/26	26 mm	300 mm
0224/27	27 mm	310 mm
0224/28	28 mm	320 mm
0224/30	30 mm	340 mm
0224/32	32 mm	360 mm
0224/34	34 mm	380 mm
0224/36	36 mm	400 mm

0073

COMBINATION SPANNER

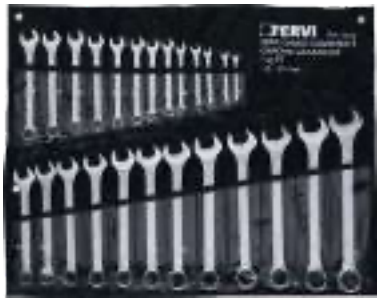


12 Pcs | Hangable | Cr-V | Chromed | DIN 3113

Sizes 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0223

COMBINATION SPANNER



25 Pcs | Box | Cr-V | Chromed | DIN 3113

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

Hangable | Cr-V | Chromed | DIN 838



Art.	Size	Length
0476/06X07	6 x 7 mm	165 mm
0476/08X09	8 x 9 mm	180 mm
0476/10X11	10 x 11 mm	195 mm
0476/12X13	12 x 13 mm	215 mm
0476/14X15	14 x 15 mm	240 mm
0476/16X17	16 x 17 mm	260 mm
0476/18X19	18 x 19 mm	320 mm
0476/20X22	20 x 22 mm	320 mm
0476/21X23	21 x 23 mm	325 mm
0476/24X27	24 x 27 mm	335 mm
0476/25X28	25 x 28 mm	345 mm
0476/30X32	30 x 32 mm	360 mm

0477
MIRROR POLISH RING SPANNER SET



8 Pcs | Hangable | Cr-V | Chromed | DIN 838

Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0476
MIRROR POLISH RING SPANNER SET



12 Pcs | Hangable | Cr-V | Chromed | DIN 838

Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm

0895-
PERCUSSION OPEN WRENCHES

Cr-V | DIN 3113



Art.	Size	Length
0895/24	24 mm	160 mm
0895/27	27 mm	180 mm
0895/30	30 mm	195 mm
0895/32	32 mm	195 mm
0895/36	36 mm	215 mm
0895/38	38 mm	215 mm
0895/41	41 mm	235 mm
0895/46	46 mm	255 mm
0895/50	50 mm	280 mm
0895/55	55 mm	310 mm
0895/60	60 mm	320 mm
0895/65	65 mm	345 mm
0895/70	70 mm	370 mm

0896-
POLYGONAL PERCUSSION WRENCHES

Cr-V | DIN 7444



Art.	Size	Length
0896/24	24 mm	160 mm
0896/27	27 mm	180 mm
0896/30	30 mm	195 mm
0896/32	32 mm	195 mm
0896/36	36 mm	205 mm
0896/38	38 mm	215 mm
0896/41	41 mm	230 mm
0896/46	46 mm	240 mm
0896/50	50 mm	255 mm
0896/55	55 mm	270 mm
0896/60	60 mm	280 mm
0896/65	65 mm	300 mm
0896/70	70 mm	325 mm

0196-

STUBBY MIRROR POLISH COMBINATION SPANNERS



Cr-V

Chromed

Art.	Size	Length
0196/10	10 mm	95 mm
0196/11	11 mm	105 mm
0196/12	12 mm	105 mm
0196/13	13 mm	110 mm
0196/14	14 mm	115 mm
0196/15	15 mm	115 mm
0196/16	16 mm	125 mm
0196/17	17 mm	130 mm
0196/18	18 mm	140 mm
0196/19	19 mm	140 mm

0134-

FLAT POLYGONAL WRENCHES



Cr-V

Chromed

DIN 837

Art.	Size	Length
0134/06X07	6 x 7 mm	100 mm
0134/08X09	8 x 9 mm	115 mm
0134/10X11	10 x 11 mm	130 mm
0134/12X13	12 x 13 mm	145 mm
0134/14X15	14 x 15 mm	160 mm
0134/16X17	16 x 17 mm	170 mm
0134/18X19	18 x 19 mm	185 mm
0134/20X22	20 x 22 mm	205 mm

0196

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

FLAT RING SPANNER SET



8 Pcs Box

Cr-V Chromed DIN 837

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

MULTILOCK COMBINATION SPANNER SET

Suitable for metric, inch, torx and XZN bolt.



8 Pcs Hangable Cr-V Chromed DIN 3113

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

FLARE NUT WRENCH SET

6 point from 8mm to 14mm, 12 point from 17mm to 22mm.



6 Pcs Box

Cr-V Chromed DIN 3118

Sizes	140 - 8x10 mm, 150 - 9x11 mm, 175 - 11x13 mm, 175 - 12x14 mm, 210 - 17x19 mm, 220 - 19x22 mm

0614-
HALF MOON RING SPANNERS



Cr-V | Satin | DIN 838

Art.	Size
0614/08X10	8 x 10 mm
0614/10X12	10 x 12 mm
0614/11X13	11 x 13 mm
0614/13X15	13 x 15 mm
0614/14X17	14 x 17 mm
0614/16X18	16 x 18 mm
0614/19X22	19 x 22 mm

0614
SET OF HALF MOON RING SPANNERS



7 Pcs | Box | Cr-V | Satin | DIN 838

Sizes	8x10 - 10x12 - 11x13 - 13x15 - 14x17 - 16x18 - 19x22 mm

0714
HOOK WRENCHES SET



8 Pcs | Box | Cr-Mo | Chromed

Model	35÷120
Sizes	35÷60 60÷90 90÷120

0084-
ADJUSTABLE WRENCHES



Hangable | Steel | Chromed | DIN 3117

Art.	Size	Opening
0084/150	6"-150 mm	20 mm
0084/250	10"- 250 mm	30 mm
0084/375	15"- 375 mm	48 mm

0266
GAS SPANNER



10 Pcs | Steel | Chromed

Size	25 mm

0340S
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-

DOUBLE ENDED HEXAGON/BI-HEX SOCKET WRENCHES



Hangable · Cr-V · Chromed

Art.	Size	Length
0393/06	6 mm	100 mm
0393/07	7 mm	105 mm
0393/08	8 mm	115 mm
0393/09	9 mm	120 mm
0393/10	10 mm	130 mm
0393/11	11 mm	135 mm
0393/12	12 mm	145 mm
0393/13	13 mm	150 mm
0393/14	14 mm	160 mm
0393/15	15 mm	170 mm
0393/16	16 mm	180 mm
0393/17	17 mm	185 mm
0393/18	18 mm	200 mm
0393/19	19 mm	200 mm
0393/20	20 mm	210 mm
0393/21	21 mm	220 mm
0393/22	22 mm	230 mm

0442-

HEXAGONAL TUBULAR SOCKET WRENCHES

Mirror polish with hexagonal body.



Cr-V · Chromed · DIN 899

Art.	Size	Length
0442/06X07	6 x 7 mm	105 mm
0442/08X09	8 x 9 mm	110 mm
0442/10X11	10 x 11 mm	120 mm
0442/12X13	12 x 13 mm	140 mm
0442/14X15	14 x 15 mm	145 mm
0442/16X17	16 x 17 mm	155 mm
0442/18X19	18 x 19 mm	165 mm
0442/20X22	20 x 22 mm	170 mm

0393/A

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 mm

0393

DOUBLE ENDED HEXAGON/BI-HEX SOCKET WRENCHES



13 Pcs · Carrying case · Cr-V

Sizes	6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

0442

HEXAGONAL TUBULAR SOCKET WRENCH SET

Mirror polish with hexagonal body.



8 Pcs · Box · Cr-V · Chromed · DIN 899

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.



Steel Satin

Art.	Size	Length
0540/06X07	6 x 7 mm	110 mm
0540/08X09	8 x 9 mm	120 mm
0540/10X11	10 x 11 mm	125 mm
0540/12X13	12 x 13 mm	135 mm
0540/14X15	14 x 15 mm	135 mm
0540/16X17	16 x 17 mm	150 mm
0540/18X19	18 x 19 mm	160 mm
0540/20X22	20 x 22 mm	170 mm

0540S

HEXAGONAL TUBULAR SOCKET WRENCH SET

Light model, with tommy bar.



8 Pcs Box

Steel Chromed

Sizes	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm

0771

4-WAY MULTI-PURPOSE WRENCH

Multifunction wrench for electrical, plumbing, ventilation and gas maintenance.



Blister Steel

0540/3

TOMMY BAR

3 step.



Steel Chromed

Length	165 mm
Ø	9,5 - 7,5 - 6 mm

0767

8-WAY MULTI-PURPOSE WRENCH

Multifunction wrench for electrical, plumbing, ventilation and gas maintenance.



Blister Steel

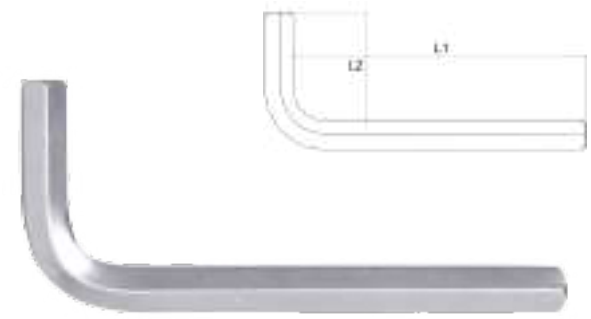






0090-

MALE HEX KEY SET

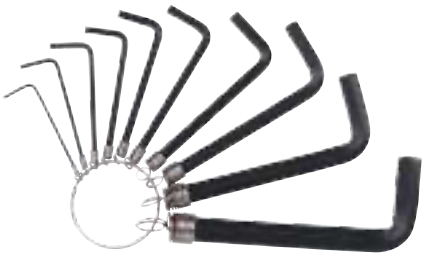


Cr-V | Zn Galvanized | DIN 911

Art.	L1	L2	Pack
0090/015	45 mm	15 mm	10
0090/02	50 mm	16 mm	10
0090/025	56 mm	18 mm	10
0090/03	63 mm	19 mm	10
0090/04	70 mm	25 mm	10
0090/05	72 mm	25 mm	10
0090/06	90 mm	30 mm	10
0090/08	103 mm	38 mm	5
0090/10	110 mm	38 mm	5
0090/12	115 mm	44 mm	5
0090/14	210 mm	54 mm	5
0090/17	145 mm	59 mm	5
0090/19	166 mm	65 mm	5

0090

HEX KEY SET



10 Pcs | Hangable | Steel

Sizes 1,5 - 2 - 2,5 - 3 - 3,5- 4 - 5 - 6 - 8 - 10 mm

0269

HEX KEY SET



9 Pcs | Hangable | Cr-V | DIN 911

Sizes 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm

0545/EF

BALL POINT COLORED HEX KEY SERIES



9 Pcs | Blister | Mo-V | DIN 911

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	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
0215P	1/16'' - 5/64'' - 3/32'' - 1/8'' - 5/32'' - 3/16'' - 1/4'' - 5/16'' - 3/8''

0558/EM

HEX KEY SET WITH DIAMOND TIP

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 | DIN 2936

Sizes 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm

0558/EP

HEX KEY SET WITH DIAMOND TIP

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 | DIN 2936

Sizes 5/64'' - 3/32'' - 7/64'' - 1/8'' - 9/64'' - 5/32'' - 3/16'' - 7/32'' - 1/4''

0558/GE

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

0400

MALE "T" HANDLE HEX WRENCH SET

With sliding bar making them versatile for use in difficult situations and under extreme conditions.



7 Pcs | Box | Cr-V | Chromed | 2936

Sizes	2 - 3 - 4 - 5 - 6 - 8 - 10 mm

0400-

MALE "T" HANDLE HEX WRENCHES

With sliding bar making it versatile for use in difficult situations and under extreme conditions.



Cr-V | Chromed | 2936

Art.	Size	Dimensions
0400/02	2 mm	125 x 65 mm
0400/025	2,5 mm	125 x 65 mm
0400/03	3 mm	125 x 65 mm
0400/035	3,5 mm	125 x 65 mm
0400/04	4 mm	180 x 90 mm
0400/045	4,5 mm	180 x 90 mm
0400/05	5 mm	180 x 90 mm
0400/06	6 mm	210 x 105 mm
0400/07	7 mm	250 x 105 mm
0400/08	8 mm	250 x 125 mm
0400/09	9 mm	300 x 145 mm
0400/10	10 mm	300 x 145 mm
0400/12	12 mm	320 x 165 mm
0400/14	14 mm	340 x 170 mm

C856-

BALL POINT TWO WAY HEX KEY WITH PLASTIC HANDLE



Cr-V | Phosphated | 2936

Art.	Size	Lenght
C856/02.5	2,5 mm	175 mm
C856/03	3 mm	175 mm
C856/04	4 mm	175 mm
C856/05	5 mm	175 mm
C856/06	6 mm	175 mm
C856/08	8 mm	170 mm
C856/10	10 mm	170 mm

0190

3-WAY SPEEDY HEX KEY WRENCH SET

Hexagon keys made of brushed aluminium and high-strength Cr-V steel, perfect for hexagon socket screws.
Practical "speedy" swivel handle for a firmer grip and greater ease and quick handling.



7 Pcs | Box | Cr-V | Chromed

Sizes	2 - 3 - 4 - 5 - 6 - 8 - 10 mm

0220

TORX KEY SET LONG TYPE

With tamper resistant head (hole).



9 Pcs | Blister | Cr-V | Satin | 911

Sizes	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

0220/C

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

COLORED TORX KEY SERIES



9 Pcs | Blister | Mo-V | DIN 911

Sizes T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

0558/TX

TORX KEY SET WITH DIAMOND TIP

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 | DIN 2936

Sizes T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40

0405

MALE "T" HANDLE TORX WRENCH SET

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

C855-

TWO WAY TORX KEY WITH PLASTIC HANDLE



Cr-V | Phosphated | DIN 2936

Art.	Size	Lenght
C855/T10	T10	175 mm
C855/T15	T15	175 mm
C855/T20	T20	175 mm
C855/T25	T25	175 mm
C855/T27	T27	175 mm
C855/T30	T30	175 mm
C855/T40	T40	170 mm
C855/T50	T50	170 mm

0405-

MALE "T" HANDLE TORX WRENCH

With sliding bar making it versatile for use in difficult situations and under extreme conditions.



Cr-V | Chromed | DIN 2936

Art.	Size	Length
0405/T06	T06	125 mm
0405/T07	T07	125 mm
0405/T08	T08	125 mm
0405/T09	T09	125 mm
0405/T10	T10	125 mm
0405/T15	T15	125 mm
0405/T20	T20	125 mm
0405/T25	T25	180 mm
0405/T27	T27	180 mm
0405/T30	T30	180 mm
0405/T40	T40	210 mm
0405/T45	T45	210 mm
0405/T50	T50	210 mm

0190T

3-WAY "SPEEDY" TORX KEY WRENCH SET

Torx keys made of brushed aluminium and high-strength Cr-V steel, perfect for torx socket screws.
Practical "speedy" swivel handle for a firmer grip and greater ease and quick handling.



7 Pcs | Box | Cr-V | Chromed

Sizes	T10 - T15 - T20 - T25 - T27 - T30 - T40

0359-

T-HANDLE SPARK PLUG SOCKET WRENCH



Cr-V | Chromed | DIN 3124

Art.	Size	Length
0359/14L	14 mm	530 mm
0359/16L	16 mm	530 mm
0359/21L	20,8 mm	530 mm
0359/16	16 mm	275 mm

C395-

T HANDLE MAGNETIC SWIVEL HEX SOCKET





Cr-V | Chromed | DIN 3124

Art.	Size	Length
C395/06	6 mm	390 mm
C395/07	7 mm	390 mm
C395/08	8 mm	390 mm
C395/09	9 mm	390 mm
C395/10	10 mm	500 mm
C395/11	11 mm	500 mm
C395/12	12 mm	500 mm
C395/13	13 mm	500 mm
C395/14	14 mm	500 mm
C395/15	15 mm	500 mm
C395/16	16 mm	500 mm
C395/17	17 mm	500 mm
C395/18	18 mm	500 mm
C395/19	19 mm	500 mm

C245-

T-HANDLE DEEP SOCKET WRENCHES



Cr-V | Satin

Art.	Size	Length
C245/06	6 mm	320 mm
C245/07	7 mm	320 mm
C245/08	8 mm	320 mm
C245/09	9 mm	320 mm
C245/10	10 mm	320 mm
C245/11	11 mm	320 mm
C245/12	12 mm	320 mm
C245/13	13 mm	320 mm
C245/14	14 mm	320 mm
C245/17	17 mm	320 mm
C245/19	19 mm	320 mm

C391-

T-HANDLE SWIVEL HEX SOCKET

Heavy duty.



Cr-V | Satin | DIN 896

Art.	Size	Length
C391/06	6 mm	395 mm
C391/07	7 mm	395 mm
C391/08	8 mm	395 mm
C391/09	9 mm	400 mm
C391/10	10 mm	400 mm
C391/11	11 mm	400 mm
C391/12	12 mm	400 mm
C391/13	13 mm	432 mm
C391/14	14 mm	432 mm
C391/15	15 mm	450 mm
C391/16	16 mm	450 mm
C391/17	17 mm	450 mm
C391/18	18 mm	450 mm
C391/19	19 mm	500 mm

0352-

BELT OIL FILTER WRENCH



Box Steel

Art.	Filter maximum diameter	Belt
0352/01	180 mm	610 mm
0352/02	220 mm	800 mm

0357-

OIL FILTER STELL BELT WRENCH

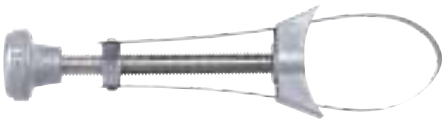


Box Steel

Art.	Filter maximum diameter	Belt
0357/01	70 mm	180 mm
0357/02	120 mm	200 mm

0076

TAPE OIL FILTER WRENCH



Blister Aluminum

Filter maximum diameter	100 mm
Belt	195 mm

0077

OIL FILTER CHAIN WRENCH



Blister Carrying case Steel

Filter maximum diameter	110 mm
Belt	380 mm

0018/15

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

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

CROSS RIM WRENCH



Steel Galvanized 899 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	24 - 27 - 30 mm	550 x 20 mm
0426/32	24 - 27 - 32 mm	700 x 22 mm

0806/200

ELECTRONIC DIGITAL TORQUE - ANGLE WRENCH

It allows cw and ccw operation and a led and buzer diagnostic of torque/angle status.





MEASURE UNITS:	Nm / kgf-cm / lbf-ft / lbf-in
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-

ELECTRONIC DIGITAL TORQUE WRENCH

It allows cw and ccw operation and a led and buzer diagnostic of torque status.





Art.	MEASURE UNITS:	Capacity	Reading	Accuracy	Operation mode	Memory	Dr.	Length	Battery
0809/030	Nm / kgf-m / 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	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	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

DIGITAL TORQUE SCREWDRIVER

ISO 6789-2017, clockwise and anticlockwise tightening, sound and vibration diagnostics of the preset torque reached.





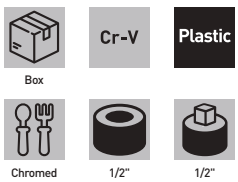
MEASURE UNITS:	Nm / lbft / lbin
Capacity	0 ÷ 20 Nm
Reading	0,01 Nm
Accuracy	± 2%
Operation mode	Peak / Track
Auto power off	5 min.
Length	175 mm
Battery	2 x 1,5 V AAA
Working temperature	0 °C – 40 °C
Storage temperature	-5 °C – 45 °C

0268A

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.







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	1 x 3 V CR2032
Working temperature	-10°C-60 °C (14°F-139.9 °F)
Storage temperature	-20°C -70°C (-4 °F-157.9°F)

0774-

NEW

TORQUE WRENCH



Carrying case | Chromed | 45 teeth

Art.	Shank	Capacity	Reading	Teeth	Length
0774/110	3/8"	19 ÷ 110 Nm	0,5 Nm	45	370 mm
0774/210	1/2" - 3/8"	28 ÷ 210 Nm	0,5 Nm	45	470 mm

0779-

NEW

TORQUE WRENCH

With spring selector.



Carrying case | 72 teeth

Art.	Shank	Capacity	Reading	Accuracy	Teeth	Length
0779/025	1/4"	5 ÷ 25 Nm	0,2 Nm	± 3%	72	240 mm
0779/050	3/8"	10 ÷ 50 Nm	0,5 Nm	± 3%	72	250 mm
0779/100	3/8"	20 ÷ 100 Nm	1 Nm	± 3%	72	410 mm
0779/210	1/2"	40 ÷ 210 Nm	1 Nm	± 3%	72	510 mm
0779/300	1/2"	60 ÷ 300 Nm	2,5 Nm	± 3%	72	550 mm

0778-

NEW

TORQUE WRENCH

With double reading window.



Carrying case | Chromed | 72 teeth

Art.	Shank	Capacity	Reading	Accuracy	Teeth	Length
0778/025	1/4"	5 ÷ 25 Nm	0,2 Nm	± 3%	72	250 mm
0778/050	3/8"	10 ÷ 50 Nm	0,5 Nm	± 3%	72	310 mm
0778/100	3/8"	20 ÷ 100 Nm	0,5 Nm	± 3%	72	420 mm
0778/210	1/2"	40 ÷ 210 Nm	1 Nm	± 3%	72	500 mm
0778/300	1/2"	60 ÷ 300 Nm	1 Nm	± 3%	72	550 mm

0779/S120 NEW

TORQUE WRENCH SET

Equipped with a reversible ratchet and interchangeable fork heads, ideal for precision work in confined spaces.

7 Pcs
Carrying case
72 teeth



Spanner head	17 - 22 - 24 - 26 - 27 - 30 mm
Spanners shank	14 x 18 mm
Ratchet head	3/8"
Capacity	20 ÷ 120 Nm
Reading	1 Nm
Accuracy	± 3%
Teeth	72
Length	390 mm

0779/S210 NEW

TORQUE WRENCH SET

Equipped with a reversible ratchet and interchangeable fork heads, ideal for precision work in confined spaces.

10 Pcs
Carrying case
72 teeth



Spanner head	13-14-15-17-19-22-24-27-30 mm
Spanners shank	14 x 18 mm
Ratchet head	1/2"
Capacity	40 ÷ 210 Nm
Reading	1 Nm
Accuracy	± 3%
Teeth	72
Length	480 mm

0329

TORQUE MULTIPLIER

Labor saving wheel wrench.

7 Pcs
Carrying case
3113
1"



1" Dr. sockets	32 - 33 mm
Ratio	1:60
Maximum torque	3200 Nm
Operating torque	1200 Nm
Net weight	7,5 kg

0360

TORQUE MULTIPLIER

Labor saving wheel wrench, supplied in plastic case.

7 Pcs
Carrying case
3113
1"



1" Dr. sockets	32 - 33 mm
Ratio	1:56
Maximum torque	3000 Nm
Operating torque	1000 Nm
Net weight	7 kg



CN450N0/0

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-

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 90 teeth

Art.	Length	Dr.
G090/1/4	145 mm	1/4"
G090/3/8	195 mm	3/8"
G090/1/2	265 mm	1/2"

0494-

MIRROR POLISHED ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 72 teeth

Art.	Length	Dr.
0494/1/4	165 mm	1/4"
0494/3/8	215 mm	3/8"
0494/1/2	276 mm	1/2"

CN450NX

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · Chromed · 72 teeth

Art.	Length	Dr.
CN450N1/4A	150 mm	1/4"
CN450N3/8A	205 mm	3/8"
CN450N1/2A	250 mm	1/2"

0439-

ERGONOMIC RATCHET HANDLE



Hangable · Cr-V · Cr-Mo · 72 teeth

Art.	Dr.	Length	Teeth
0439/1/4	1/4"	155 mm	72
0439/3/8	3/8"	200 mm	72
0439/1/2	1/2"	260 mm	72

0173

1/4" DR. SPINNER HANDLE

Made to being used also as an extension.



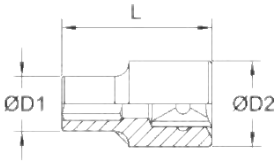
Hangable · Cr-V · Chromed · 1/4" · 1/4"

BN4E5NX

STANDARD 6 POINT HAND SOCKET



Hangable · Cr-V · Chromed · DIN 3124 · 1/4"



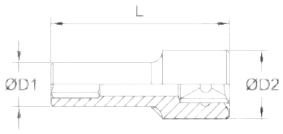
Art.	Size	D1	D2	Length
BN4E5N004A	4 mm	6,8 mm	12 mm	25 mm
BN4E5N0045A	4,5 mm	7,2 mm	12 mm	25 mm
BN4E5N005A	5 mm	7,8 mm	12 mm	25 mm
BN4E5N0055A	5,5 mm	8,4 mm	12 mm	25 mm
BN4E5N006A	6 mm	9,3 mm	12 mm	25 mm
BN4E5N007A	7 mm	10,8 mm	12 mm	25 mm
BN4E5N008A	8 mm	12 mm	11 mm	25 mm
BN4E5N009A	9 mm	13 mm	12 mm	25 mm
BN4E5N010A	10 mm	14,6 mm	12 mm	25 mm
BN4E5N011A	11 mm	16 mm	12,5 mm	25 mm
BN4E5N012A	12 mm	17 mm	13,5 mm	25 mm
BN4E5N013A	13 mm	18 mm	13,5 mm	25 mm
BN4E5N014A	14 mm	19 mm	14,5 mm	25 mm

BN4E5LX

DEEP 6 POINT HAND SOCKET



Hangable · Cr-V · Chromed · DIN 3124 · 1/4"



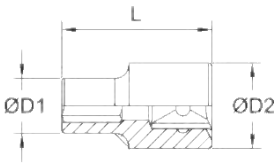
Art.	Size	D1	D2	Length
BN4E5L004A	4 mm	6,8 mm	12 mm	50 mm
BN4E5L0045A	4,5 mm	7,2 mm	12 mm	50 mm
BN4E5L005A	5 mm	7,8 mm	12 mm	50 mm
BN4E5L0055A	5,5 mm	8,4 mm	12 mm	50 mm
BN4E5L006A	6 mm	9,3 mm	12 mm	50 mm
BN4E5L007A	7 mm	10,8 mm	12 mm	50 mm
BN4E5L008A	8 mm	12 mm	11 mm	50 mm
BN4E5L009A	9 mm	13 mm	12 mm	50 mm
BN4E5L010A	10 mm	14,6 mm	12 mm	50 mm
BN4E5L011A	11 mm	16 mm	13 mm	50 mm
BN4E5L012A	12 mm	17 mm	13 mm	50 mm
BN4E5L013A	13 mm	18 mm	13 mm	50 mm
BN4E5L014A	14 mm	19 mm	14,5 mm	50 mm

BN4P5NX

STANDARD 12 POINT HAND SOCKET



Hangable · Cr-V · Chromed · 1/4" · DIN 3124

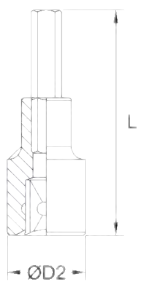


Art.	Size	D1	D2	Length
BN4P5N004A	4 mm	6,8 mm	12 mm	25 mm
BN4P5N005A	5 mm	7,8 mm	12 mm	25 mm
BN4P5N0055A	5,5 mm	8,4 mm	12 mm	25 mm
BN4P5N006A	6 mm	9,3 mm	12 mm	25 mm
BN4P5N007A	7 mm	10,8 mm	12 mm	25 mm
BN4P5N008A	8 mm	12 mm	11 mm	25 mm
BN4P5N009A	9 mm	13 mm	12 mm	25 mm
BN4P5N010A	10 mm	14,6 mm	12 mm	25 mm
BN4P5N011A	11 mm	16 mm	12,5 mm	25 mm
BN4P5N012A	12 mm	17 mm	13,5 mm	25 mm
BN4P5N013A	13 mm	18 mm	13,5 mm	25 mm
BN4P5N014A	14 mm	19 mm	14,5 mm	25 mm

BN415NX

HEX BIT SOCKET





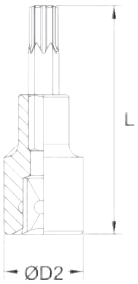
Hangable · Cr-V · Chromed · 1/4"

Art.	Size	D2	Length
BN415N003A	3 mm	12 mm	37 mm
BN415N004A	4 mm	12 mm	37 mm
BN415N005A	5 mm	12 mm	37 mm
BN415N006A	6 mm	12 mm	37 mm
BN415N008A	8 mm	12 mm	37 mm

BN425NX

TORX BIT SOCKET





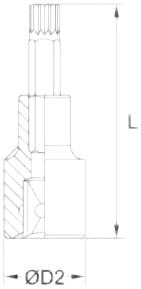
Hangable | Cr-V | Chromed | 1/4"

Art.	Size	D2	Length
BN425N008A	T8	12 mm	37 mm
BN425N009A	T9	12 mm	37 mm
BN425N010A	T10	12 mm	37 mm
BN425N015A	T15	12 mm	37 mm
BN425N020A	T20	12 mm	37 mm
BN425N025A	T25	12 mm	37 mm
BN425N027A	T27	12 mm	37 mm
BN425N030A	T30	12 mm	37 mm
BN425N040A	T40	12 mm	37 mm

BN445NX

XZN BIT SOCKET





Hangable | Cr-V | Chromed | 1/4"

Art.	Size	D2	Length
BN445N004A	M 4	15 mm	37 mm
BN445N005A	M 5	15 mm	37 mm
BN445N006A	M 6	15 mm	37 mm
BN445N008A	M 8	15 mm	37 mm
BN445N009A	M 9	15 mm	37 mm
BN445N010A	M 10	15 mm	37 mm

RN4054NA

ADAPTER



Hangable | Cr-V | 1/4" | 1/4"

Length	26 mm

JN405NA

UNIVERSAL JOINT



Hangable | Cr-V | 1/4" | 1/4"

Length	38 mm

PN405NX

EXTENSION BAR



Hangable | Cr-V | Chromed | 1/4" | 1/4"

Art.	Length
PN405N050A	50 mm
PN405N075A	75 mm
PN405N150A	150 mm

EN405NX

WOBBLE EXTENSION BAR



Hangable | Cr-V | Chromed | 1/4" | 1/4"

Art.	Length
EN405N050A	50 mm
EN405N075A	75 mm
EN405N150A	150 mm

LN400N1/4A

SLIDING T BAR



Hangable | Cr-V | 1/4"

Length	115 mm

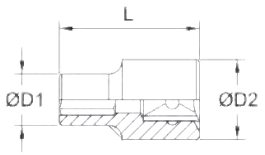


BN4E4NX

STANDARD 6 POINT HAND SOCKET



Hangable · Cr-V · Chromed · 3124 · 3/8"



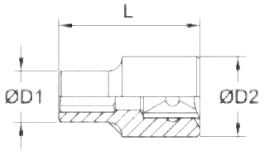
Art.	Size	D1	D2	Length
BN4E4N006A	6 mm	9,3 mm	17 mm	28 mm
BN4E4N007A	7 mm	10,6 mm	17 mm	28 mm
BN4E4N008A	8 mm	11,8 mm	17 mm	28 mm
BN4E4N009A	9 mm	13,2 mm	17 mm	28 mm
BN4E4N010A	10 mm	14,5 mm	17 mm	28 mm
BN4E4N011A	11 mm	15,7 mm	17 mm	28 mm
BN4E4N012A	12 mm	17 mm	16,4 mm	28 mm
BN4E4N013A	13 mm	18 mm	17 mm	28 mm
BN4E4N014A	14 mm	20 mm	17 mm	28 mm
BN4E4N015A	15 mm	20,9 mm	18 mm	28 mm
BN4E4N016A	16 mm	22 mm	18 mm	28 mm
BN4E4N017A	17 mm	24 mm	18 mm	30 mm
BN4E4N018A	18 mm	26 mm	18 mm	30 mm
BN4E4N019A	19 mm	26 mm	20 mm	30 mm
BN4E4N020A	20 mm	27,1 mm	20 mm	30 mm
BN4E4N021A	21 mm	28 mm	20 mm	30 mm
BN4E4N022A	22 mm	30 mm	20 mm	32 mm

BN4P4NX

STANDARD 12 POINT HAND SOCKET



Hangable · Cr-V · Chromed · 3124 · 3/8"



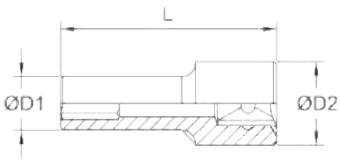
Art.	Size	D1	D2	Length
BN4P4N006A	6 mm	9,3 mm	17 mm	28 mm
BN4P4N007A	7 mm	10,6 mm	17 mm	28 mm
BN4P4N008A	8 mm	11,8 mm	17 mm	28 mm
BN4P4N009A	9 mm	13,2 mm	17 mm	28 mm
BN4P4N010A	10 mm	14,5 mm	17 mm	28 mm
BN4P4N011A	11 mm	15,7 mm	17 mm	28 mm
BN4P4N012A	12 mm	17 mm	16,4 mm	28 mm
BN4P4N013A	13 mm	18 mm	17 mm	28 mm
BN4P4N014A	14 mm	20 mm	17 mm	28 mm
BN4P4N015A	15 mm	20,9 mm	18 mm	28 mm
BN4P4N016A	16 mm	22 mm	18 mm	28 mm
BN4P4N017A	17 mm	24 mm	18 mm	30 mm
BN4P4N018A	18 mm	26 mm	18 mm	30 mm
BN4P4N019A	19 mm	26 mm	20 mm	30 mm
BN4P4N020A	20 mm	28 mm	20 mm	30 mm
BN4P4N021A	21 mm	28 mm	20 mm	30 mm
BN4P4N022A	22 mm	30 mm	20 mm	32 mm

BN4E4LX

DEEP 6 POINT HAND SOCKET



Hangable · Cr-V · Chromed · 3124 · 3/8"



Art.	Size	D1	D2	Length
BN4E4L006A	6 mm	9,3 mm	17 mm	63 mm
BN4E4L007A	7 mm	10,6 mm	17 mm	62 mm
BN4E4L008A	8 mm	11,8 mm	17 mm	63 mm
BN4E4L009A	9 mm	13,2 mm	17 mm	63 mm
BN4E4L010A	10 mm	14,5 mm	17 mm	63 mm
BN4E4L011A	11 mm	15,7 mm	17 mm	63 mm
BN4E4L012A	12 mm	17 mm	16,4 mm	63 mm
BN4E4L013A	13 mm	18 mm	17 mm	63 mm
BN4E4L014A	14 mm	19,6 mm	17 mm	63 mm
BN4E4L015A	15 mm	20,9 mm	18 mm	63 mm
BN4E4L016A	16 mm	22 mm	18 mm	63 mm
BN4E4L017A	17 mm	23,4 mm	18 mm	63 mm
BN4E4L018A	18 mm	24,6 mm	20 mm	63 mm
BN4E4L019A	19 mm	26 mm	20 mm	63 mm
BN4E4L020A	20 mm	27,1 mm	20 mm	63 mm
BN4E4L021A	21 mm	28 mm	20 mm	63 mm
BN4E4L022A	22 mm	30 mm	20 mm	63 mm



BN414NX

HEX BIT SOCKET

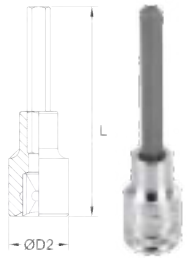


Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN414N003A	3 mm	18 mm	48 mm
BN414N004A	4 mm	18 mm	48 mm
BN414N005A	5 mm	18 mm	48 mm
BN414N006A	6 mm	18 mm	48 mm
BN414N007A	7 mm	18 mm	48 mm
BN414N008A	8 mm	18 mm	48 mm
BN414N009A	9 mm	20 mm	48 mm
BN414N010A	10 mm	20 mm	48 mm
BN414N012A	12 mm	20 mm	48 mm

BN414LX

LONG HEX BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN414L003A	3 mm	18 mm	95 mm
BN414L004A	4 mm	18 mm	95 mm
BN414L005A	5 mm	18 mm	95 mm
BN414L006A	6 mm	18 mm	95 mm
BN414L007A	7 mm	18 mm	95 mm
BN414L008A	8 mm	18 mm	95 mm
BN414L009A	9 mm	20 mm	95 mm
BN414L010A	10 mm	20 mm	95 mm
BN414L012A	12 mm	20 mm	95 mm

BN424NX

TORX BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN424N010A	T10	18 mm	48 mm
BN424N015A	T15	18 mm	48 mm
BN424N020A	T20	18 mm	48 mm
BN424N025A	T25	18 mm	48 mm
BN424N027A	T27	18 mm	48 mm
BN424N030A	T30	18 mm	48 mm
BN424N040A	T40	18 mm	48 mm
BN424N045A	T45	18 mm	48 mm
BN424N050A	T50	20 mm	48 mm
BN424N055A	T55	20 mm	48 mm

BN424LX

LONG TORX BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN424L015A	T15	18 mm	95 mm
BN424L020A	T20	18 mm	95 mm
BN424L025A	T25	18 mm	95 mm
BN424L027A	T27	18 mm	95 mm
BN424L030A	T30	18 mm	95 mm
BN424L040A	T40	18 mm	95 mm
BN424L045A	T45	18 mm	95 mm

BN434NX

RIBE BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN434N004A	M 4	18 mm	50 mm
BN434N005A	M 5	18 mm	50 mm
BN434N006A	M 6	18 mm	50 mm
BN434N007A	M 7	18 mm	50 mm
BN434N008A	M 8	18 mm	50 mm
BN434N009A	M 9	18 mm	50 mm
BN434N010A	M 10	20 mm	50 mm

BN434LX

LONG RIBE BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN434L004A	M 4	18 mm	95 mm
BN434L005A	M 5	18 mm	95 mm
BN434L006A	M 6	18 mm	95 mm
BN434L007A	M 7	18 mm	95 mm
BN434L008A	M 8	18 mm	95 mm
BN434L009A	M 9	18 mm	95 mm
BN434L010A	M 10	20 mm	95 mm

BN444NX
XZN BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN444N004A	M 4	18 mm	48 mm
BN444N005A	M 5	18 mm	48 mm
BN444N006A	M 6	18 mm	48 mm
BN444N008A	M 8	18 mm	48 mm
BN444N009A	M 9	20 mm	48 mm
BN444N010A	M 10	20 mm	48 mm
BN444N012A	M 12	20 mm	48 mm
BN444N014A	M 14	20 mm	48 mm

BN444LX
LONG XZN BIT SOCKET



Hangable · Cr-V · Chromed · 3/8"

Art.	Size	D2	Length
BN444L004A	M 4	18 mm	95 mm
BN444L005A	M 5	18 mm	95 mm
BN444L006A	M 6	18 mm	95 mm
BN444L008A	M 8	18 mm	95 mm
BN444L009A	M 9	20 mm	95 mm
BN444L010A	M 10	20 mm	95 mm
BN444L012A	M 12	20 mm	95 mm
BN444L014A	M 14	20 mm	95 mm

BN4C4LX
SPARK PLUG SOCKET



Hangable · Cr-V · Chromed

Art.	Size	Length
BN4C4L016A	16 mm	63 mm
BN4C4L018A	18 mm	63 mm
BN4C4L021A	21 mm	65 mm

LN400N3/8A
SLIDING T BAR



Hangable · Cr-V

Length	200 mm

RN4045NA
ADAPTER



Hangable · Cr-V · 3/8" · 1/4"

Length	27 mm

RN4043NA
ADAPTER



Hangable · Cr-V · 3/8" · 1/2"

Length	35 mm

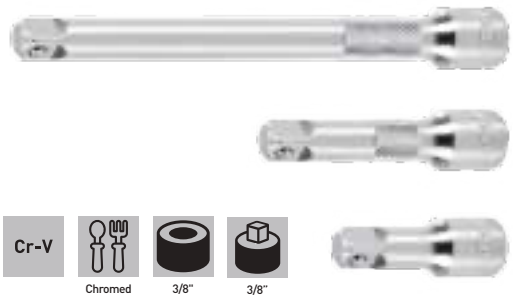
JN404NA
UNIVERSAL JOINT



Hangable · Cr-V · 3/8" · 3/8"

Length	54 mm

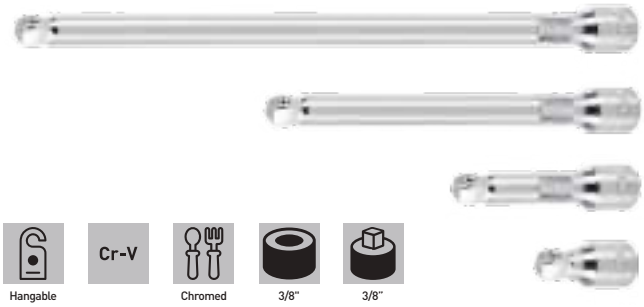
PN404NX
EXTENSION BAR



Hangable · Cr-V · Chromed · 3/8" · 3/8"

Art.	Length
PN404N050A	50 mm
PN404N075A	75 mm
PN404N150A	150 mm

EN404NX
WOBBLE EXTENSION BAR

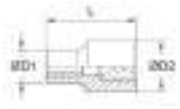


Hangable · Cr-V · Chromed · 3/8" · 3/8"

Art.	Length
EN404N038A	38 mm
EN404N075A	75 mm
EN404N150A	150 mm
EN404N250A	250 mm

BN4E3NX

STANDARD 6 POINT HAND SOCKET





Hangable | Cr-V | Chromed | 3124 | 1/2"

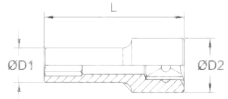
Art.	Size	D1	D2	Length
BN4E3N008A	8 mm	12,2 mm	22 mm	38 mm
BN4E3N009A	9 mm	13,5 mm	22 mm	38 mm
BN4E3N010A	10 mm	15 mm	22 mm	38 mm
BN4E3N011A	11 mm	16,3 mm	22 mm	38 mm
BN4E3N012A	12 mm	17,6 mm	22 mm	38 mm
BN4E3N013A	13 mm	18,8 mm	22 mm	38 mm
BN4E3N014A	14 mm	20,4 mm	22 mm	38 mm
BN4E3N015A	15 mm	21 mm	22 mm	38 mm
BN4E3N016A	16 mm	22 mm	20,5 mm	38 mm
BN4E3N017A	17 mm	24 mm	22 mm	38 mm
BN4E3N018A	18mm	25,4 mm	22 mm	38 mm
BN4E3N019A	19 mm	26 mm	22 mm	38 mm
BN4E3N020A	20 mm	28 mm	22 mm	38 mm
BN4E3N021A	21 mm	28 mm	22 mm	38 mm
BN4E3N022A	22 mm	30 mm	26 mm	38 mm
BN4E3N023A	23 mm	31,6 mm	26 mm	38 mm
BN4E3N024A	24 mm	32 mm	26 mm	38 mm
BN4E3N025A	25 mm	34 mm	26 mm	42 mm
BN4E3N026A	26 mm	35,4 mm	28 mm	42 mm
BN4E3N027A	27 mm	36 mm	28 mm	42 mm
BN4E3N028A	28 mm	38 mm	28 mm	42 mm
BN4E3N029A	29 mm	38 mm	28 mm	43 mm
BN4E3N030A	30 mm	40 mm	28 mm	43 mm
BN4E3N032A	32 mm	42 mm	28 mm	44 mm

BN4E3LX

DEEP 6 POINT HAND SOCKET



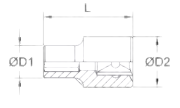
Hangable | Cr-V | Chromed | 3124 | 1/2"



Art.	Size	D1	D2	Length
BN4E3L010A	10 mm	15 mm	22 mm	77 mm
BN4E3L011A	11 mm	16,3 mm	22 mm	77 mm
BN4E3L012A	12 mm	17,6 mm	22 mm	77 mm
BN4E3L013A	13 mm	18,8 mm	22 mm	77 mm
BN4E3L014A	14 mm	20,4 mm	22 mm	77 mm
BN4E3L015A	15 mm	21 mm	22 mm	77 mm
BN4E3L016A	16 mm	22 mm	20,5 mm	77 mm
BN4E3L017A	17 mm	24 mm	22 mm	77 mm
BN4E3L018A	18 mm	25,4 mm	22 mm	77 mm
BN4E3L019A	19 mm	26 mm	22 mm	77 mm
BN4E3L020A	20 mm	28 mm	22 mm	77 mm
BN4E3L021A	21 mm	28 mm	22 mm	77 mm
BN4E3L022A	22 mm	30 mm	26 mm	77 mm
BN4E3L023A	23 mm	31,6 mm	26 mm	77 mm
BN4E3L024A	24 mm	32 mm	26 mm	77 mm
BN4E3L027A	27 mm	36 mm	28 mm	77 mm
BN4E3L030A	30 mm	40 mm	28 mm	77 mm
BN4E3L032A	32 mm	42 mm	28 mm	77 mm

BN4P3NX

STANDARD 12 POINT HAND SOCKET





Hangable | Cr-V | Chromed | 3124 | 1/2"

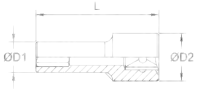
Art.	Size	D1	D2	Length
BN4P3N008A	8 mm	12,2 mm	22 mm	38 mm
BN4P3N009A	9 mm	13,5 mm	22 mm	38 mm
BN4P3N010A	10 mm	15 mm	22 mm	38 mm
BN4P3N011A	11 mm	16,3 mm	22 mm	38 mm
BN4P3N012A	12 mm	17,6 mm	22 mm	38 mm
BN4P3N013A	13 mm	18,8 mm	22 mm	38 mm
BN4P3N014A	14 mm	20,4 mm	22 mm	38 mm
BN4P3N015A	15 mm	21 mm	22 mm	38 mm
BN4P3N016A	16 mm	22 mm	20,5 mm	38 mm
BN4P3N017A	17 mm	24 mm	22 mm	38 mm
BN4P3N018A	18 mm	25,4 mm	22 mm	38 mm
BN4P3N019A	19 mm	26 mm	22 mm	38 mm
BN4P3N020A	20 mm	28 mm	22 mm	38 mm
BN4P3N021A	21 mm	28 mm	22 mm	38 mm
BN4P3N022A	22 mm	30 mm	26 mm	38 mm
BN4P3N023A	23 mm	31,6 mm	26 mm	38 mm
BN4P3N024A	24 mm	32 mm	26 mm	38 mm
BN4P3N025A	25 mm	34 mm	26 mm	42 mm
BN4P3N026A	26 mm	35,4 mm	28 mm	42 mm
BN4P3N027A	27 mm	36 mm	28 mm	42 mm
BN4P3N028A	28 mm	38 mm	28 mm	43 mm
BN4P3N029A	29 mm	38 mm	28 mm	43 mm
BN4P3N030A	30 mm	40 mm	28 mm	43 mm
BN4P3N032A	32 mm	42 mm	28 mm	44 mm

BN4P3LX

DEEP 12 POINT HAND SOCKET



Hangable | Cr-V | Chromed | 3124 | 1/2"



Art.	Size	D1	D2	Length
BN4P3L010A	10 mm	15 mm	22 mm	77 mm
BN4P3L011A	11 mm	16,3 mm	22 mm	77 mm
BN4P3L012A	12 mm	17,6 mm	22 mm	77 mm
BN4P3L013A	13 mm	18,8 mm	22 mm	77 mm
BN4P3L014A	14 mm	20,4 mm	22 mm	77 mm
BN4P3L015A	15 mm	21 mm	22 mm	77 mm
BN4P3L016A	16 mm	22 mm	20,5 mm	77 mm
BN4P3L017A	17 mm	24 mm	22 mm	77 mm
BN4P3L018A	18 mm	25,4 mm	22 mm	77 mm
BN4P3L019A	19 mm	26 mm	22 mm	77 mm
BN4P3L020A	20 mm	28 mm	22 mm	77 mm
BN4P3L021A	21 mm	28 mm	22 mm	77 mm
BN4P3L022A	22 mm	30 mm	26 mm	77 mm
BN4P3L023A	23 mm	31,6 mm	26 mm	77 mm
BN4P3L024A	24 mm	32 mm	26 mm	77 mm
BN4P3L027A	27 mm	36 mm	28 mm	77 mm
BN4P3L030A	30 mm	40 mm	28 mm	77 mm
BN4P3L032A	32 mm	42 mm	28 mm	77 mm

BN413NX

HEX BIT SOCKET

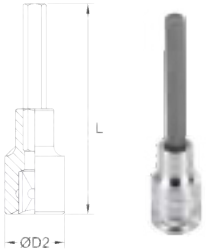


Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN413N004A	4 mm	22 mm	55 mm
BN413N005A	5 mm	22 mm	55 mm
BN413N006A	6 mm	22 mm	55 mm
BN413N007A	7 mm	22 mm	55 mm
BN413N008A	8 mm	22 mm	55 mm
BN413N010A	10 mm	22 mm	55 mm
BN413N012A	12 mm	22 mm	55 mm
BN413N014A	14 mm	24 mm	55 mm
BN413N017A	17 mm	26 mm	55 mm
BN413N019A	19 mm	28 mm	55 mm

BN413LX

LONG HEX BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN413L004A	4 mm	22 mm	100 mm
BN413L005A	5 mm	22 mm	100 mm
BN413L006A	6 mm	22 mm	100 mm
BN413L007A	7 mm	22 mm	100 mm
BN413L008A	8 mm	22 mm	100 mm
BN413L010A	10 mm	22 mm	100 mm
BN413L012A	12 mm	22 mm	100 mm
BN413L014A	14 mm	24 mm	100 mm
BN413L017A	17 mm	26 mm	100 mm
BN413L019A	19 mm	28 mm	100 mm

BN423NX

TORX BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN423N020A	T20	22 mm	55 mm
BN423N025A	T25	22 mm	55 mm
BN423N027A	T27	22 mm	55 mm
BN423N030A	T30	22 mm	55 mm
BN423N040A	T40	22 mm	55 mm
BN423N045A	T45	22 mm	55 mm
BN423N050A	T50	22 mm	55 mm
BN423N055A	T55	22 mm	55 mm
BN423N060A	T60	22 mm	55 mm
BN423N070A	T70	22 mm	55 mm

BN423LX

LONG TORX BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN423L020A	T20	22 mm	100 mm
BN423L025A	T25	22 mm	100 mm
BN423L027A	T27	22 mm	100 mm
BN423L030A	T30	22 mm	100 mm
BN423L040A	T40	22 mm	100 mm
BN423L045A	T45	22 mm	100 mm
BN423L050A	T50	22 mm	100 mm
BN423L055A	T55	22 mm	100 mm
BN423L060A	T60	22 mm	100 mm
BN423L070A	T70	22 mm	100 mm

BN433NX

RIBE BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN433N008A	M 8	22 mm	55 mm
BN433N009A	M 9	22 mm	55 mm
BN433N010A	M 10	22 mm	55 mm
BN433N012A	M 12	22 mm	55 mm
BN433N013A	M 13	24 mm	55 mm
BN433N014A	M 14	24 mm	55 mm

BN433LX

LONG RIBE BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN433L008A	M 8	24 mm	100 mm
BN433L009A	M 9	24 mm	100 mm
BN433L010A	M 10	24 mm	100 mm
BN433L012A	M 12	24 mm	100 mm
BN433L013A	M 13	24 mm	100 mm
BN433L014A	M 14	24 mm	100 mm

BN443NX

XZN BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN443N005A	M 5	22 mm	55 mm
BN443N006A	M 6	22 mm	55 mm
BN443N008A	M 8	22 mm	55 mm
BN443N009A	M 9	22 mm	55 mm
BN443N010A	M 10	22 mm	55 mm
BN443N012A	M 12	22 mm	55 mm
BN443N014A	M 14	24 mm	55 mm
BN443N016A	M 16	24 mm	55 mm

BN443LX

LONG XZN BIT SOCKET



Hangable · Cr-V · Chromed · 1/2"

Art.	Size	D2	Length
BN443L005A	M 5	22 mm	100 mm
BN443L006A	M 6	22 mm	100 mm
BN443L008A	M 8	22 mm	100 mm
BN443L009A	M 9	22 mm	100 mm
BN443L010A	M 10	22 mm	100 mm
BN443L012A	M 12	22 mm	100 mm
BN443L014A	M 14	24 mm	100 mm
BN443L016A	M 16	24 mm	100 mm

BN4C3LX

SPARK PLUG SOCKET

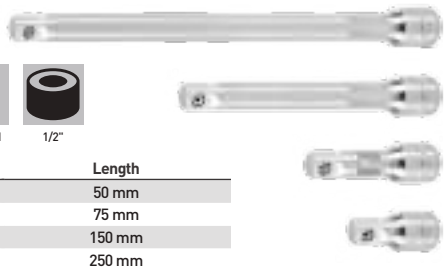


Hangable · Cr-V · Chromed · 1/2"

Art.	Size	Length
BN4C3L016A	16 mm	65 mm
BN4C3L018A	18 mm	65 mm
BN4C3L021A	21 mm	65 mm

PN403NX

EXTENSION BAR



Hangable · Cr-V · Chromed · 1/2"

Art.	Length
PN403N050A	50 mm
PN403N075A	75 mm
PN403N150A	150 mm
PN403N250A	250 mm

EN403NX

WOBBLE EXTENSION BAR



Hangable · Cr-V · Chromed · 1/2" · 1/2"

Art.	Length
EN403N050A	50 mm
EN403N075A	75 mm
EN403N125A	125 mm
EN403N250A	250 mm
EN403N500A	500 mm

LN400N1/2A

SLIDING T BAR



Hangable · Cr-V · 1/2"

Length	300 mm

RN4034NA

ADAPTER

With 1/2" female and 3/8" male drives



Hangable · Cr-V · 1/2" · 3/8"

Length	36 mm

RN4032NA

ADAPTER



Hangable · Cr-V · 1/2" · 3/4"

Length	46 mm

JN403NA

UNIVERSAL JOINT



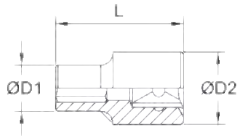
Hangable · Cr-V · 1/2" · 1/2"

Length	75 mm

BN4E2NX

STANDARD 6 POINT HAND SOCKET





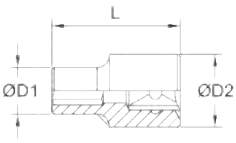
Hangable · Cr-V · Chromed · DIN 3124 · 3/4"

Art.	Size	D1	D2	Length
BN4E2N019	19 mm	30 mm	36 mm	50 mm
BN4E2N020	20 mm	31 mm	36 mm	50 mm
BN4E2N021	21 mm	32 mm	36 mm	50 mm
BN4E2N022	22 mm	33 mm	36 mm	50 mm
BN4E2N023	23 mm	34 mm	36 mm	50 mm
BN4E2N024	24 mm	35 mm	36 mm	50 mm
BN4E2N025	25 mm	36 mm	35 mm	52 mm
BN4E2N026	26 mm	37 mm	36 mm	52 mm
BN4E2N027	27 mm	38 mm	36 mm	52 mm
BN4E2N028	28 mm	39 mm	38 mm	52 mm
BN4E2N029	29 mm	40 mm	38 mm	52 mm
BN4E2N030	30 mm	42 mm	38 mm	54 mm
BN4E2N032	32 mm	43 mm	38 mm	56 mm
BN4E2N033	33 mm	44 mm	38 mm	56 mm
BN4E2N034	34 mm	46 mm	38 mm	56 mm
BN4E2N035	35 mm	47 mm	42 mm	56 mm
BN4E2N036	36 mm	48 mm	42 mm	58 mm
BN4E2N038	38 mm	50 mm	42 mm	58 mm
BN4E2N041	41 mm	52 mm	45 mm	60 mm
BN4E2N046	46 mm	56 mm	45 mm	64 mm
BN4E2N050	50 mm	62 mm	48 mm	68 mm
BN4E2N055	55 mm	68 mm	48 mm	72 mm
BN4E2N060	60 mm	74 mm	48 mm	76 mm

BN4P2NX

STANDARD 12 POINT HAND SOCKET





Hangable · Cr-V · Chromed · DIN 3124 · 3/4"

Art.	Size	D1	D2	Length
BN4P2N019	19 mm	30 mm	36 mm	50 mm
BN4P2N020	20 mm	31 mm	36 mm	50 mm
BN4P2N021	21 mm	32 mm	36 mm	50 mm
BN4P2N022	22 mm	33 mm	36 mm	50 mm
BN4P2N023	23 mm	34 mm	36 mm	50 mm
BN4P2N024	24 mm	35 mm	36 mm	50 mm
BN4P2N025	25 mm	36 mm	35 mm	52 mm
BN4P2N026	26 mm	37 mm	36 mm	52 mm
BN4P2N027	27 mm	38 mm	36 mm	52 mm
BN4P2N028	28 mm	39 mm	38 mm	52 mm
BN4P2N029	29 mm	40 mm	38 mm	52 mm
BN4P2N030	30 mm	42 mm	38 mm	54 mm
BN4P2N032	32 mm	43 mm	38 mm	56 mm
BN4P2N033	33 mm	44 mm	38 mm	56 mm
BN4P2N034	34 mm	46 mm	38 mm	56 mm
BN4P2N035	35 mm	47 mm	42 mm	56 mm
BN4P2N036	36 mm	48 mm	42 mm	58 mm
BN4P2N038	38 mm	50 mm	42 mm	58 mm
BN4P2N041	41 mm	52 mm	45 mm	60 mm
BN4P2N046	46 mm	56 mm	45 mm	64 mm
BN4P2N050	50 mm	62 mm	48 mm	68 mm
BN4P2N055	55 mm	68 mm	48 mm	72 mm
BN4P2N060	60 mm	74 mm	48 mm	76 mm

PN402NX

EXTENSION BAR



Hangable · Cr-V · Chromed · 3/4" · 3/4"

Art.	Length
PN402N200A	200 mm
PN402N400A	400 mm

LN400N3/4A

SLIDING T BAR



Hangable · Cr-V · Chromed · 3/4"

Length	500 mm

RN4023NA

ADAPTER

With 3/4" female and 1/2" male drives



Hangable · Cr-V · Chromed · 3/4" · 1/2"

Length	50 mm

JN402NA

UNIVERSAL JOINT



Hangable · Cr-V · Chromed · 3/4" · 3/4"

Length	110 mm

0795/2

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

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

E-TORX 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



0589

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	1 Pcs
Extension	50 mm
Socket	1/4"
Bit holder	1 Pcs
Bits	PH: 1 - 2 - 3 (S2) Torx: T10-T15-T20-T25-T30-T40 (S2)

0624

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

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

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

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

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"
Extensions	3", 10"

0620

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

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"
Extensions	3/4" : 100 - 200 mm

0621

NEW

3/8" SOCKET SET WITH HEXAGONAL INSERTS



8 Pcs | Blister | Steel | 3/8"

Shank	3/8"
Sockets with hex bits	2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm

0622

SOCKET TORX BIT SET



10 Pcs | Box | Cr-V | Satin | 1/2"

Sizes	T20 - T25 - T27 - T30 - T40 T45 - T50 - T55 - T60 - T70

S108

1/4" & 1/2" DR. SOCKET SET

108 Pcs | Carrying case | Cr-V | Chromed

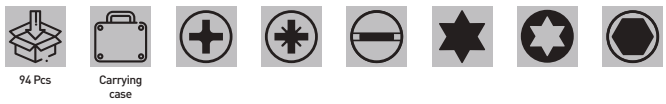
1/4" Dr. sockets	4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
1/4" Dr. deep sockets	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
1/4" Dr. deep sockets	Torx: E4 - E5 - E6 - E7 - E8 mm
1/2" Dr. sockets	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
1/2" Dr. 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



P. 440

0618

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 Pc
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

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

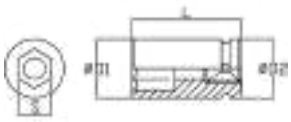
BI4E3NX

STANDARD IMPACT SOCKET



Cr-Mo

Phosphated 3124 1/2"



Art.	Size	D1	D2	Length
BI4E3N008	8 mm	15 mm	24 mm	38 mm
BI4E3N009	9 mm	16 mm	24 mm	38 mm
BI4E3N010	10 mm	17,5 mm	24 mm	38 mm
BI4E3N011	11 mm	18,5 mm	24 mm	38 mm
BI4E3N012	12 mm	19,5 mm	24 mm	38 mm
BI4E3N013	13 mm	20,5 mm	24 mm	38 mm
BI4E3N014	14 mm	22 mm	24 mm	38 mm
BI4E3N015	15 mm	24 mm	24 mm	38 mm
BI4E3N016	16 mm	24 mm	24 mm	38 mm
BI4E3N017	17 mm	26 mm	26 mm	38 mm
BI4E3N018	18 mm	28 mm	28 mm	38 mm
BI4E3N019	19 mm	28 mm	28 mm	38 mm
BI4E3N020	20 mm	30 mm	30 mm	38 mm
BI4E3N021	21 mm	30 mm	30 mm	38 mm
BI4E3N022	22 mm	32 mm	30 mm	38 mm
BI4E3N023	23 mm	34 mm	30 mm	38 mm
BI4E3N024	24 mm	34 mm	30 mm	38 mm
BI4E3N025	25 mm	36 mm	30 mm	38 mm
BI4E3N026	26 mm	36 mm	30 mm	38 mm
BI4E3N027	27 mm	38 mm	30 mm	42 mm
BI4E3N028	28 mm	40 mm	30 mm	42 mm
BI4E3N029	29 mm	42 mm	30 mm	42 mm
BI4E3N030	30 mm	42 mm	30 mm	42 mm
BI4E3N031	31 mm	44 mm	30 mm	42 mm
BI4E3N032	32 mm	44 mm	30 mm	44 mm

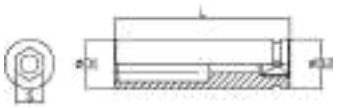
BI4E3LX

DEEP IMPACT SOCKET



Cr-Mo

Phosphated 3124 1/2"



Art.	Size	D1	D2	Length
BI4E3L008	8 mm	15 mm	24 mm	78 mm
BI4E3L009	9 mm	16 mm	24 mm	78 mm
BI4E3L010	10 mm	17,5 mm	24 mm	78 mm
BI4E3L011	11 mm	18,5 mm	24 mm	78 mm
BI4E3L012	12 mm	19,5 mm	24 mm	78 mm
BI4E3L013	13 mm	20,5 mm	24 mm	78 mm
BI4E3L014	14 mm	22 mm	24 mm	78 mm
BI4E3L015	15 mm	24 mm	24 mm	78 mm
BI4E3L016	16 mm	24 mm	24 mm	78 mm
BI4E3L017	17 mm	26 mm	26 mm	78 mm
BI4E3L018	18 mm	28 mm	28 mm	78 mm
BI4E3L019	19 mm	28 mm	28 mm	78 mm
BI4E3L020	20 mm	30 mm	30 mm	78 mm
BI4E3L021	21 mm	30 mm	30 mm	78 mm
BI4E3L022	22 mm	32 mm	30 mm	78 mm
BI4E3L023	23 mm	34 mm	30 mm	78 mm
BI4E3L024	24 mm	34 mm	30 mm	78 mm
BI4E3L025	25 mm	36 mm	30 mm	78 mm
BI4E3L026	26 mm	36 mm	30 mm	78 mm
BI4E3L027	27 mm	38 mm	30 mm	78 mm
BI4E3L028	28 mm	40 mm	30 mm	78 mm
BI4E3L029	29 mm	42 mm	30 mm	78 mm
BI4E3L030	30 mm	42 mm	30 mm	78 mm
BI4E3L031	31 mm	44 mm	30 mm	78 mm
BI4E3L032	32 mm	44 mm	30 mm	78 mm



BI413L0X

IMPACT HEX BIT SOCKET



Cr-Mo

Phosphated 3129 1/2"

Art.	Size	D	Length
BI413L004	4 mm	25 mm	78 mm
BI413L005	5 mm	25 mm	78 mm
BI413L006	6 mm	25 mm	78 mm
BI413L008	8 mm	25 mm	78 mm
BI413L010	10 mm	25 mm	78 mm
BI413L012	12 mm	25 mm	78 mm
BI413L014	14 mm	25 mm	78 mm
BI413L017	17 mm	25 mm	78 mm
BI413L019	19 mm	25 mm	78 mm

BI423LX

IMPACT TORX BIT SOCKET



Cr-Mo

Phosphated 3129 1/2"

Art.	Size	D	Length
BI423L025	T25	25 mm	78 mm
BI423L027	T27	25 mm	78 mm
BI423L030	T30	25 mm	78 mm
BI423L040	T40	25 mm	78 mm
BI423L045	T45	25 mm	78 mm
BI423L050	T50	25 mm	78 mm
BI423L060	T60	25 mm	78 mm
BI423L070	T70	25 mm	78 mm
BI423L080	T80	25 mm	78 mm

BI433MX

IMPACT RIBE BIT SOCKET



Cr-Mo

Phosphated 3121-3129 1/2"

Art.	Size	D	Length
BI433M004	M 4	25 mm	60 mm
BI433M005	M 5	25 mm	60 mm
BI433M006	M 6	25 mm	60 mm
BI433M007	M 7	25 mm	60 mm
BI433M008	M 8	25 mm	60 mm
BI433M009	M 9	25 mm	60 mm
BI433M010	M 10	25 mm	60 mm
BI433M012	M 12	25 mm	60 mm
BI433M014	M 14	25 mm	60 mm
BI433M016	M 16	25 mm	60 mm
BI433M018	M 18	25 mm	60 mm

BI443MX

IMPACT XZN BIT SOCKET



Cr-Mo

Phosphated 3121-3129 1/2"

Art.	Size	D	Length
BI443M004	M 4	25 mm	60 mm
BI443M005	M 5	25 mm	60 mm
BI443M006	M 6	25 mm	60 mm
BI443M008	M 8	25 mm	60 mm
BI443M010	M 10	25 mm	60 mm
BI443M012	M 12	25 mm	60 mm
BI443M014	M 14	25 mm	60 mm
BI443M016	M 16	25 mm	60 mm
BI443M018	M 18	25 mm	60 mm
BI443M020	M 20	25 mm	60 mm

PI403X

IMPACT EXTENSION BAR



Cr-Mo

Phosphated

3121-3129 1/2"

Art.	D	Length
PI403075	25 mm	75 mm
PI403125	25 mm	125 mm
PI403150	25 mm	150 mm
PI403250	25 mm	250 mm

PI453X

QUICK RELEASE IMPACT EXTENSION BAR



Cr-Mo

Phosphated

3121-3129 1/2"

Art.	D	Length
PI453075	25 mm	75 mm
PI453150	25 mm	125 mm
PI453250	25 mm	250 mm

BI4E2NX

STANDARD IMPACT SOCKET

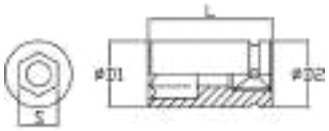


Cr-Mo

Phosphated

3121-3129

3/4"



Art.	Size	D1	D2	Length
BI4E2N018	18 mm	30 mm	44 mm	51 mm
BI4E2N019	19 mm	32 mm	44 mm	51 mm
BI4E2N020	20 mm	33 mm	44 mm	51 mm
BI4E2N021	21 mm	35 mm	44 mm	51 mm
BI4E2N022	22 mm	36 mm	44 mm	51 mm
BI4E2N023	23 mm	38 mm	44 mm	51 mm
BI4E2N024	24 mm	39 mm	44 mm	51 mm
BI4E2N025	25 mm	41 mm	44 mm	54 mm
BI4E2N026	26 mm	41 mm	44 mm	54 mm
BI4E2N027	27 mm	42 mm	44 mm	54 mm
BI4E2N028	28 mm	44 mm	44 mm	54 mm
BI4E2N029	29 mm	46 mm	44 mm	54 mm
BI4E2N030	30 mm	46 mm	44 mm	54 mm
BI4E2N032	32 mm	48 mm	44 mm	57 mm
BI4E2N033	33 mm	50 mm	44 mm	57 mm
BI4E2N034	34 mm	52 mm	44 mm	57 mm
BI4E2N035	35 mm	52 mm	44 mm	57 mm
BI4E2N036	36 mm	54 mm	44 mm	57 mm
BI4E2N038	38 mm	56 mm	44 mm	57 mm
BI4E2N041	41 mm	60 mm	44 mm	58 mm
BI4E2N046	46 mm	66 mm	44 mm	68 mm
BI4E2N050	50 mm	71 mm	54 mm	68 mm
BI4E2N055	55 mm	77 mm	54 mm	73 mm
BI4E2N060	60 mm	84 mm	54 mm	75 mm
BI4E2N065	65 mm	88 mm	54 mm	78 mm

BI4E2LX

DEEP IMPACT SOCKET

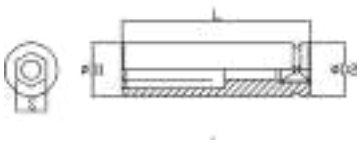


Cr-Mo

Phosphated

3121-3129

3/4"



Art.	Size	D1	D2	Length
BI4E2L018	18 mm	30 mm	44 mm	90 mm
BI4E2L019	19 mm	32 mm	44 mm	90 mm
BI4E2L020	20 mm	33 mm	44 mm	90 mm
BI4E2L021	21 mm	35 mm	44 mm	90 mm
BI4E2L022	22 mm	36 mm	44 mm	90 mm
BI4E2L023	23 mm	38 mm	44 mm	90 mm
BI4E2L024	24 mm	39 mm	44 mm	90 mm
BI4E2L025	25 mm	41 mm	44 mm	90 mm
BI4E2L026	26 mm	41 mm	44 mm	90 mm
BI4E2L027	27 mm	42 mm	44 mm	90 mm
BI4E2L028	28 mm	44 mm	44 mm	90 mm
BI4E2L029	29 mm	46 mm	44 mm	90 mm
BI4E2L030	30 mm	46 mm	44 mm	90 mm
BI4E2L032	32 mm	48 mm	44 mm	90 mm
BI4E2L033	33 mm	50 mm	44 mm	90 mm
BI4E2L034	34 mm	52 mm	44 mm	90 mm
BI4E2L035	35 mm	52 mm	44 mm	90 mm
BI4E2L036	36 mm	54 mm	44 mm	90 mm
BI4E2L038	38 mm	56 mm	44 mm	90 mm
BI4E2L041	41 mm	60 mm	44 mm	90 mm
BI4E2L046	46 mm	66 mm	44 mm	90 mm
BI4E2L050	50 mm	71 mm	54 mm	90 mm

PI402X

IMPACT EXTENSION BAR



Cr-Mo

Phosphated

3121-3129

3/4"

Art.	D	Length
PI402175	44 mm	175 mm
PI402200	44 mm	200 mm
PI402300	44 mm	300 mm
PI402400	44 mm	400 mm



P. 444

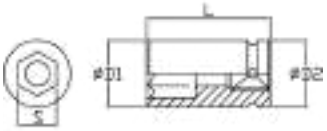
BI4E1NX

STANDARD IMPACT SOCKET



Cr-Mo

Phosphated 3129 1"



Art.	Size	D1	D2	Length
BI4E1N021	21 mm	38 mm	54 mm	58 mm
BI4E1N022	22 mm	39 mm	54 mm	58 mm
BI4E1N023	23 mm	41 mm	54 mm	58 mm
BI4E1N024	24 mm	42 mm	54 mm	58 mm
BI4E1N025	25 mm	43 mm	54 mm	58 mm
BI4E1N026	26 mm	44 mm	54 mm	58 mm
BI4E1N027	27 mm	46 mm	54 mm	58 mm
BI4E1N028	28 mm	47 mm	54 mm	58 mm
BI4E1N029	29 mm	48 mm	54 mm	58 mm
BI4E1N030	30 mm	49 mm	54 mm	62 mm
BI4E1N031	31 mm	50 mm	54 mm	62 mm
BI4E1N032	32 mm	52 mm	54 mm	62 mm
BI4E1N033	33 mm	54 mm	54 mm	62 mm
BI4E1N034	34 mm	54 mm	54 mm	62 mm
BI4E1N035	35 mm	54 mm	54 mm	62 mm
BI4E1N036	36 mm	56 mm	54 mm	65 mm
BI4E1N037	37 mm	57 mm	54 mm	65 mm
BI4E1N038	38 mm	58 mm	54 mm	65 mm
BI4E1N039	39 mm	59 mm	54 mm	65 mm
BI4E1N040	40 mm	60 mm	54 mm	65 mm
BI4E1N041	41 mm	61 mm	54 mm	68 mm
BI4E1N042	42 mm	64 mm	54 mm	68 mm
BI4E1N043	43 mm	66 mm	54 mm	68 mm
BI4E1N044	44 mm	66 mm	54 mm	68 mm
BI4E1N045	45 mm	67 mm	54 mm	68 mm
BI4E1N046	46 mm	68 mm	54 mm	72 mm
BI4E1N047	47 mm	69 mm	54 mm	72 mm
BI4E1N048	48 mm	70 mm	54 mm	72 mm
BI4E1N050	50 mm	74 mm	54 mm	75 mm
BI4E1N052	52 mm	75 mm	54 mm	75 mm
BI4E1N054	54 mm	78 mm	54 mm	80 mm
BI4E1N055	55 mm	80 mm	54 mm	83 mm
BI4E1N056	56 mm	81 mm	54 mm	83 mm
BI4E1N060	60 mm	86 mm	54 mm	87 mm
BI4E1N065	65 mm	92 mm	54 mm	90 mm
BI4E1N070	70 mm	97 mm	54 mm	93 mm
BI4E1N075	75 mm	104 mm	86 mm	95 mm
BI4E1N080	80 mm	112 mm	86 mm	95 mm
BI4E1N085	85 mm	115 mm	86 mm	100 mm
BI4E1N090	90 mm	124 mm	86 mm	105 mm
BI4E1N095	95 mm	130 mm	86 mm	105 mm
BI4E1N100	100 mm	135 mm	86 mm	105 mm

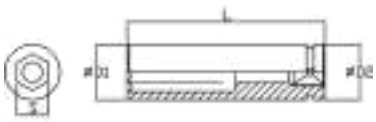
BI4E1LX

DEEP IMPACT SOCKET



Cr-Mo

Phosphated 3129 1"



Art.	Size	D1	D2	Length
BI4E1L021	21 mm	38 mm	54 mm	90 mm
BI4E1L022	22 mm	39 mm	54 mm	90 mm
BI4E1L023	23 mm	41 mm	54 mm	90 mm
BI4E1L024	24 mm	42 mm	54 mm	90 mm
BI4E1L027	27 mm	46 mm	54 mm	90 mm
BI4E1L028	28 mm	47 mm	54 mm	90 mm
BI4E1L030	30 mm	49 mm	54 mm	90 mm
BI4E1L032	32 mm	52 mm	54 mm	90 mm
BI4E1L033	33 mm	54 mm	54 mm	90 mm
BI4E1L034	34 mm	54 mm	54 mm	90 mm
BI4E1L035	35 mm	54 mm	54 mm	90 mm
BI4E1L036	36 mm	56 mm	54 mm	90 mm
BI4E1L038	38 mm	58 mm	54 mm	95 mm
BI4E1L039	39 mm	59 mm	54 mm	95 mm
BI4E1L040	40 mm	60 mm	54 mm	95 mm
BI4E1L041	41 mm	61 mm	54 mm	95 mm
BI4E1L042	42 mm	64 mm	54 mm	95 mm
BI4E1L043	43 mm	66 mm	54 mm	95 mm
BI4E1L044	44 mm	66 mm	54 mm	95 mm
BI4E1L045	45 mm	67 mm	54 mm	95 mm
BI4E1L046	46 mm	68 mm	54 mm	95 mm
BI4E1L048	48 mm	70 mm	54 mm	100 mm
BI4E1L049	49 mm	72 mm	54 mm	100 mm
BI4E1L050	50 mm	74 mm	54 mm	100 mm
BI4E1L051	51 mm	74 mm	54 mm	100 mm
BI4E1L052	52 mm	74 mm	54 mm	100 mm
BI4E1L054	54 mm	78 mm	54 mm	100 mm
BI4E1L055	55 mm	80 mm	54 mm	105 mm
BI4E1L057	57 mm	82 mm	54 mm	105 mm
BI4E1L060	60 mm	86 mm	54 mm	110 mm
BI4E1L065	65 mm	92 mm	54 mm	115 mm
BI4E1L070	70 mm	97 mm	54 mm	120 mm
BI4E1L075	75 mm	104 mm	86 mm	135 mm
BI4E1L080	80 mm	112 mm	86 mm	135 mm
BI4E1L085	85 mm	115 mm	86 mm	140 mm
BI4E1L090	90 mm	124 mm	86 mm	140 mm
BI4E1L095	95 mm	130 mm	86 mm	140 mm

I340

STANDARD & DEEP IMPACT SOCKET SET



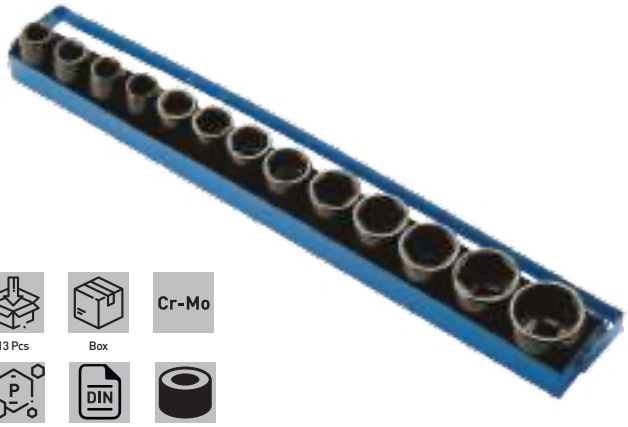
40 Pcs · Carrying case · Cr-Mo · Phosphated · 1/2"

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

HEXAGONAL IMPACT SOCKET SET

Metal box.



13 Pcs · Box · Cr-Mo · Phosphated · 3129 · 1/2"

Socket	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30 mm

SI413M006

IMPACT HEX BIT SOCKET SET



6 Pcs · Carrying case · Cr-Mo · Phosphated · 3129

Socket	8, 10, 12, 14, 17, 19 mm
Length	60 mm

SI423M006

IMPACT TORX BIT SOKET SET



6 Pcs · Carrying case · Cr-Mo · Phosphated · 3129

Socket	T40, T45, T50, T55, T60, T70
Length	60 mm

0341-X

IMPACT HEX SOCKET WITH PLASTIC SLEEVE



Cr-Mo · 1/2"

Art.	Size	Length
0341/17	17 mm	87 mm
0341/19	19 mm	87 mm
0341/21	21 mm	87 mm
0341/22	22 mm	87 mm
0341/24	24 mm	87 mm

0341

DEEP IMPACT HEX SOCKET SET WITH PLASTIC SLEEVE



3 Pcs · Box · Cr-Mo · 1/2"

Sizes	17 - 19 - 21 mm
Length	87 mm

P. 446

0341/5S

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 mm	150 mm
0341/19L	19 mm	150 mm
0341/21L	21 mm	150 mm

0341/3LS

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/S19	19 mm
0341/S21	21 mm
0341/S22	22 mm
0341/S24	24 mm

I306

LONG IMPACT SOCKET SET



3 Pcs | Box | Cr-Mo | Chromed | 1/2"

Sizes	17 – 19 – 21 mm
Length	150 mm

I217

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

HEXAGONAL IMPACT SOCKET SET



8 Pcs | Box | Cr-Mo | Phosphated | 3/4"

Socket	26, 27, 29, 30, 32, 35, 36, 38 mm

SI4E1N008

HEXAGONAL IMPACT SOCKET SET



8 Pcs | Box | Cr-Mo | Phosphated | 1"

Socket	24, 27, 30, 32, 33, 36, 38, 41 mm

PI401X

IMPACT EXTENSION BAR



Cr-Mo | Phosphated | 3121-3129 | 1"

Art.	D	Length
PI401175	54 mm	175 mm
PI401200	54 mm	200 mm
PI401250	54 mm	250 mm
PI401300	54 mm	300 mm
PI401400	54 mm	400 mm

JI40XN

IMPACT UNIVERSAL JOINT

1" dr., made of 42CRMO2 alloy steel.



Cr-Mo | Phosphated

Art.	Dr.	D	Length
JI401N	1"	54 mm	115 mm
JI402N	3/4"	44 mm	90 mm
JI403N	1/2"	30 mm	63 mm

I109

IMPACT SOCKET SET



9 Pcs | Carrying case | Cr-Mo | Phosphated | 3129

1" Dr. sockets	21 - 22 - 24 - 26 - 30 - 38 mm
1" Dr. deep sockets	27 - 28 - 32 mm

SI40N006

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	1"	130 mm	54 mm
JI402L	3/4"	105 mm	44 mm

RI40X

IMPACT ADAPTER



Cr-Mo | Phosphated | 3121

Art.	Female connection	External thread connection	D	Length
RI4012N	1"	3/4"	54 mm	70 mm
RI4021N	3/4"	1"	44 mm	63 mm
RI4023N	3/4"	1/2"	44 mm	58 mm
RI4032N	1/2"	3/4"	30 mm	48 mm

0471

O-RING REMOVAL SET

Suitable for removing motor seals.



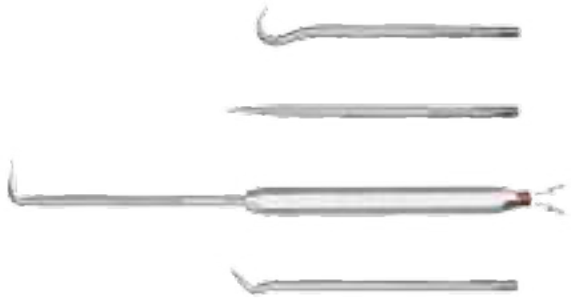
4 Pcs | Hangable | Steel | Chromed

Length	135 mm

0456

O-RING REMOVAL SET

Equipped of hex handle with magnet.



4 Pcs | Hangable | Steel | Chromed

Handle dimensions	8 x 90 mm

E003

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

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

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 | C45 Steel | Satin

Art.	Dimensions
E191/120	Max Ø 120 mm - h 101 mm
E191/200	Max Ø 200 mm - h 150 mm

E190-

2 JAW GEAR PULLER



Box | C45 Steel | Satin

Art.	Dimensions
E190/080	Max Ø 80 mm - h 100 mm
E190/130	Max Ø 130 mm - h 100 mm
E190/160	Max Ø 160 mm - h 150 mm
E190/200	Max Ø 200 mm - h 150 mm

E190-BX

EXTENDED JAWS



Box | C45 Steel | Satin

Art.	Length
E190/B2	300 mm



P. 450

CB01-

NUT DRIVER WITH PLASTIC HANDLE

Ansi.

Hangable

Cr-V

Chromed



Art.	Size	L	L1	L2	L3	L4	A	B	C
CB01/04	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 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	5,5 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	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	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	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	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	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	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	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	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	4 mm	185 mm	75 mm	4 ~ 5 mm	75 mm	110 mm	Ø 7,2 mm	Ø 7 mm	Ø 3,3 mm
CB02/05	5 mm	185 mm	75 mm	4,5~ 5,5 mm	13,3 mm	110 mm	Ø 7,2 mm	Ø 8,3 mm	Ø 3,7 mm
CB02/055	5,5 mm	185 mm	75 mm	5,5 ~ 6,5 mm	74,5 mm	110 mm	Ø 7,2 mm	Ø 9 mm	Ø 3,7 mm
CB02/06	6 mm	185 mm	75 mm	6,5 ~ 7,5 mm	65 mm	110 mm	Ø 7,2 mm	Ø 9,5 mm	Ø 3,7 mm
CB02/07	7 mm	185 mm	75 mm	7,5 ~ 8,5 mm	64,5 mm	110 mm	Ø 7,2 mm	Ø 10,5 mm	Ø 3,7 mm
CB02/08	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	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	10 mm	185 mm	75 mm	10,5 ~ 11,5 mm	94,5 mm	110 mm	Ø 9,3 mm	Ø 14,1 mm	Ø 7 mm
CB02/11	11 mm	185 mm	75 mm	10,5 ~ 11,5 mm	64 mm	110 mm	Ø 11 mm	Ø 15 mm	Ø 7 mm
CB02/12	12 mm	185 mm	75 mm	10,5 ~ 11,5 mm	130 mm	110 mm	Ø 11 mm	Ø 16 mm	Ø 7 mm
CB02/13	13 mm	185 mm	75 mm	11,5 ~ 12,5 mm	70 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	5 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 11,8 mm
CBF1/055	5,5 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 11,8 mm
CBF1/06	6 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 11,8 mm
CBF1/07	7 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 11,8 mm
CBF1/08	8 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 11,8 mm
CBF1/09	9 mm	265 mm	150 mm	9,5 mm	115 mm	Ø 11 mm	Ø 13 mm
CBF1/10	10 mm	265 mm	150 mm	10 mm	115 mm	Ø 11 mm	Ø 14,5 mm
CBF1/11	11 mm	265 mm	150 mm	9 mm	115 mm	Ø 11 mm	Ø 15,9 mm
CBF1/12	12 mm	265 mm	150 mm	9 mm	115 mm	Ø 11 mm	Ø 17 mm
CBF1/13	13 mm	265 mm	150 mm	8,5 mm	115 mm	Ø 11 mm	Ø 17,8 mm

CBF1/10P

FLEXIBLE NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent.



10 Pcs | Box | Cr-V

Sizes 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

CB01/04P

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent.



4 Pcs | Box | Cr-V | Chromed

Sizes 10 - 11 - 12 - 13 mm

CB01/07P

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent.



7 Pcs | Box | Cr-V | Chromed

Sizes 4 - 5 - 5,5 - 6 - 7 - 8 - 9 mm

CB01/11P

NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent.



11 Pcs | Box | Cr-V | Chromed

Sizes 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

CB02/04P

HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent with deep hole.



4 Pcs | Box | Cr-V | Chromed

Sizes 10 - 11 - 12 - 13 mm

CB02/07P

HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent with deep hole.



7 Pcs | Box | Cr-V | Chromed

Sizes 4 - 5 - 5,5 - 6 - 7 - 8 - 9 mm

CB02/11P

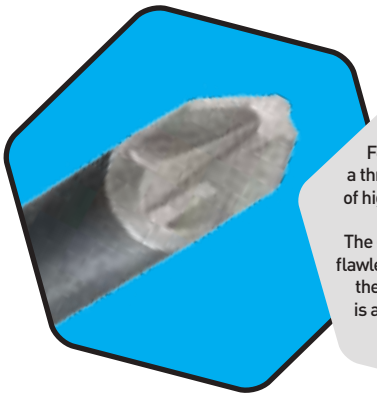
HOLLOW NUT DRIVER SET WITH PLASTIC HANDLE

Ansi, bicomponent 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

Featuring a black blade and a three-component handle made of highly elastic TPR resin and oil-resistant polypropylene.
The diamond-tipped tip ensures a flawless grip, preventing damage to the screw head. This type of tip is also very effective on already damaged screws.

D884-

FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	Size	Pole length	Total length
D884/3075	3 mm	75 mm	115 mm
D884/4100	4 mm	100 mm	180 mm
D884/5125	5 mm	125 mm	230 mm
D884/6150	6 mm	150 mm	260 mm
D884/8150	8 mm	150 mm	210 mm

D883-

ELECTRICIAN FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	Size	Pole length	Total length
D883/3075	3 mm	75 mm	115 mm
D883/4100	4 mm	100 mm	145 mm

D882-

CROSS SCREWDRIVER PH WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	Size	Pole length	Total length
D882/1075	PH 1	75 mm	180 mm
D882/2100	PH 2	100 mm	210 mm
D882/3150	PH 3	150 mm	270 mm

D884/6038

FLAT SCREWDRIVER WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	6 mm
Pole length	38 mm
Total length	70 mm

D885-

CROSS SCREWDRIVER PZ WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Art.	Size	Pole length	Total length
D885/1075	PZ 1	75 mm	120 mm
D885/2100	PZ 2	100 mm	150 mm
D885/3150	PZ 3	150 mm	210 mm

D882/2038

CROSS SCREWDRIVER PH WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	PH 2
Pole length	38 mm
Total length	70 mm

D880/006

DIAMOND TIP SCREWDRIVER SET



6 Pcs | Hangable

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

CROSS SCREWDRIVER PZ WITH DIAMOND TIP

Hangable | Mo-V | Diamond coated



Size	PZ 2
Pole length	38 mm
Total length	70 mm

C884-

SLOTTED SCREWDRIVER.

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	Total length
C884/3075	3 mm	75 mm	155 mm
C884/4100	4 mm	100 mm	200 mm
C884/5125	5 mm	125 mm	225 mm
C884/6150	6 mm	150 mm	260 mm
C884/8150	8 mm	150 mm	260 mm

C884/6038

SLOTTED SCREWDRIVER.

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
Total length	100 mm

C882-

CROSS SCREWDRIVER PH.

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	Total length
C882/1075	PH 1	75 mm	180 mm
C882/2100	PH 2	100 mm	210 mm
C882/3150	PH 3	150 mm	260 mm

C882/2038

CROSS SCREWDRIVER PH.

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
Total length	100 mm

C885-

CROSS SCREWDRIVER PZ.

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	Total length
C885/1075	PZ 1	75 mm	170 mm
C885/2100	PZ 2	100 mm	210 mm
C885/3150	PZ 3	150 mm	260 mm

C885/2038

CROSS SCREWDRIVER PZ.

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



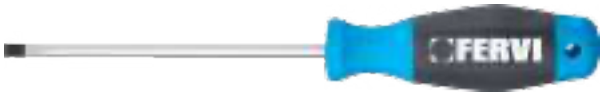
Hangable | Cr-V | Chromed

Size	PZ 2
Pole length	38 mm
Total length	100 mm

C883-

ELECTRICIAN SCREWDRIVER.

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	Total length
C883/3075	3 mm	75 mm	160 mm
C883/4100	4 mm	100 mm	200 mm

C881-

TORX SCREWDRIVER

With black phosphatized magnetic tip, handle made of high elastic resin TPR and polypropylene material oil resistant.



Hangable · Cr-V · Chromed

Art.	Sizes	Pole length	Total length
C881/07075	T7	75 mm	160 mm
C881/08075	T8	75 mm	160 mm
C881/10075	T10	75 mm	160 mm
C881/15100	T15	100 mm	200 mm
C881/20100	T20	100 mm	200 mm
C881/25125	T25	125 mm	225 mm
C881/27125	T27	125 mm	225 mm
C881/30150	T30	150 mm	260 mm
C881/35150	T35	150 mm	260 mm
C881/40150	T40	150 mm	260 mm

C880/006

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

Slotted	(-) 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

C881/006

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	T10x75mm, T15x100mm, T20x100mm, T25x125mm, T27x125mm, T30x150mm

0633

SCREWDRIVER SET WITH STEEL HEAD



6 Pcs · Box · Cr-V · Chromed

Slotted	(-) 5,0x1,0x75 mm, (-) 6,0x1,2x100 mm, (-) 6,0x1,2x125 mm, (-) 8,0x1,2x150 mm
Cross	(+) PH 1x5x75 mm, (+) PH 2x6x100 mm

0634

SCREWDRIVER SET



6 Pcs · Box · Cr-V · Chromed

Slotted	(-) 4x0,8x75 mm, (-) 5,5x1,0x100 mm, (-) 6,5x1,2x150 mm
Cross	(+) PH 0x3x75 mm, (+) PH 1x5x100 mm, (+) PH 2x6x125 mm

CI82-

INSULATED CROSS SCREWDRIVER

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



Hangable | Mo-V

Art.	Size	Pole length	Total length
CI82/0060	PH0 x 3 mm	60 mm	160 mm
CI82/1080	PH1 x 4,5 mm	80 mm	185 mm
CI82/2100	PH2 x 6 mm	100 mm	210 mm
CI82/3150	PH3 x 8 mm	150 mm	265 mm

CI83-

INSULATED SLOT SCREWDRIVER

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



Hangable | Mo-V

Art.	Size	Pole length	Total length
CI83/25075	0,4 x 2,5 mm	75 mm	175 mm
CI83/30100	0,6 x 3 mm	100 mm	200 mm
CI83/40100	0,8 x 4 mm	100 mm	200 mm
CI83/55125	1 x 5,5 mm	125 mm	230 mm
CI83/65150	1,2 x 6,5 mm	150 mm	260 mm
CI83/80175	1,6 x 8 mm	175 mm	290 mm

CI80/006

INSULATED SCREWDRIVER SET

1000V IEC 60900, with black phosphatized magnetic tip and polypropylene material oil resistant bi-color handle.



6 Pcs | Hangable | Mo-V

Slotted	(-) 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

0083

IMPACT DRIVER

Supplied in plastic box.



7 Pcs | Box | Steel | Satin

Dimensions	165 x 42 mm
Bits	6
Shank	5/16"

0207

DOUBLE HEAD SCREWDRIVER BIT SET



9 Pcs | Box | Cr-V | Chromed

Blade length	110 mm
Handle length	170 mm



P883-

SLOT PRECISION SCREWDRIVER

With burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip.



Cr-V | Phosphated | 2380-1

Art.	Size	Pole length	Total length
P883/1250	1,2 mm	50 mm	140 mm
P883/1650	1,6 mm	50 mm	140 mm
P883/1850	1,8 mm	50 mm	140 mm
P883/2050	2,0 mm	50 mm	140 mm
P883/2450	2,4 mm	50 mm	140 mm
P883/3050	3,0 mm	50 mm	140 mm
P883/3550	3,5 mm	50 mm	140 mm
P883/4050	4,0 mm	50 mm	140 mm

P882-

PH PRECISION SCREWDRIVER

With burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip.



Cr-V | Phosphated | 8764

Art.	Size	Pole length	Total length
P882/0150	PH 1	50 mm	140 mm
P882/1050	PH 0	50 mm	140 mm
P882/2050	PH 00	50 mm	140 mm

P881-

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	T5	50 mm	140 mm
P881/0650	T6	50 mm	140 mm
P881/0750	T7	50 mm	140 mm
P881/0850	T8	50 mm	140 mm
P881/0950	T9	50 mm	140 mm
P881/1050	T10	50 mm	140 mm
P881/1550	T15	50 mm	140 mm

P886-

HEXAGONAL PRECISION SCREWDRIVER

With burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip.



Cr-V | Phosphated | 2936

Art.	Size	Pole length	Total length
P886/1350	1,3 mm	50 mm	140 mm
P886/1550	1,5 mm	50 mm	140 mm
P886/2050	2,0 mm	50 mm	140 mm
P886/2550	2,5 mm	50 mm	140 mm
P886/3050	3,0 mm	50 mm	140 mm

P880/06S

PRECISION SCREWDRIVER SERIES

With burnished magnetic tip, handle in two-component material with free end part to rotate for a perfect grip.



6 Pcs | Hangable | Cr-V | Phosphated

Slotted	1,2 x 50 mm, 2 x 50 mm, 3 x 50 mm
Cross	PH 00 x 50 mm, PH 0 x 50 mm, PH 1 x 50 mm

P881/06S

TORX PRECISION SCREWDRIVER SERIES

With burnished magnetic tip, handle in two-component 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

0466/DM

SCREWDRIVERS MAGNETIZER/DEMAGNETIZER



ABS

Blister

Dimensions	52 x 50 x 28,5 mm

0888

L-SHAPED DRIVER

Bits inside the handle.



5 Pcs · Hangable · Alu (Aluminum) · Satin · 1/4"

PIF1

FLEXIBLE NUT DRIVER



Hangable · Cr-V · 1/4"

L	265 mm	L3	115 mm
L1	150 mm	A	10 mm
L2	9,5 mm	B	11,8 mm

0304

1/4 SHANK MAGNETIC HANDLE



Hangable · Chromed · 1/4"

0562N

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

0562

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

0406

QUICK CHANGE 6 POINT BIT HOLDER



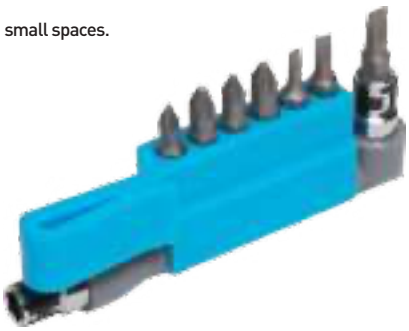
Expositor · Cr-V · Chromed · 1/4"

Length	60 mm

0407

BIT HOLDER

Straight and 90° , easy to use in small spaces.



8 Pcs · Hangable

Length	105 mm	Pozi-driv	1 - 2
Phillips	1 - 2	Slotted	2 - 3 - 4 mm

0732

HEX BIT SET

Composed of 30 bit, 1 bit adapter and 1 bit holder.



33 Pcs | Blister | Cr-V

Magnetic bit holder	1 x 25 mm
Slotted	3 - 4 - 5,5 - 7 mm
Spanner	3 - 4 - 5 - 6
Phillips	PH1 - PH2 - PH3 - PH4
Pozi-driv	PZ1 - PZ2 - PZ3 - PZ4
Tee star	T10 - T15 - T20 - T25 - T30 - T35 - T40
Tamper proof tee star	T10 - T15 - T20 - T25 - T30 - T35 - T40

0403

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 | Ni 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

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 | Ni Nickel plated | 1/4" | 1/4"

Socket	1 x 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

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 | Ni 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

PI063

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 - 1,3 - 1,5 - 2 - 2,5 - 3 - 4
Hexagonal	0,7 - 0,9 - 1,3 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4
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
Triangle	2 - 2,3 - 3
U Type	U2.3 - U2.6
G	G3.8 - G4.5
M	M2,5 - M3- M4
MID	
ICS	



0358

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 -



0104

BITS SET

3/8" hexagonal connection

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

BIT SET

1/4" hexagonal connection



100 Pcs

Box

Mo-V

Satin

1/4"

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

HEX BIT AND SOCKET SET

With bit holder and ratchet handle.



58 Pcs

Box

Cr-V

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

HEXAGONAL BITS



Mo-V

Phosphated

3126

1/4"

Art.	Size	Length	Pack
IS25/ES2	2 mm	25 mm	10
IS25/ES25	2.5 mm	25 mm	10
IS25/ES3	3 mm	25 mm	10
IS25/ES4	4 mm	25 mm	10
IS25/ES5	5 mm	25 mm	10
IS25/ES6	6 mm	25 mm	10
IS25/ES8	8 mm	25 mm	10
IS25/ES10	10 mm	25 mm	10

IS25-PHX

CROSS BITS PH



Mo-V

Phosphated

3126

1/4"

Art.	Size	Length	Pack
IS25/PH0	PH 0	25 mm	20
IS25/PH1	PH 1	25 mm	20
IS25/PH2	PH 2	25 mm	20
IS25/PH3	PH 3	25 mm	20

IS25-PHXAS

CROSS BITS PH ANTI SLIP



Mo-V

Phosphated

3126

1/4"

Art.	Size	Length	Pack
IS25/PH1AS	PH 1	25 mm	10
IS25/PH2AS	PH 2	25 mm	10
IS25/PH3AS	PH 3	25 mm	10

IS25-PZX

CROSS BITS PZ



Mo-V

Phosphated

3126

1/4"

Art.	Size	Length	Pack
IS25/PZ1	PZ 1	25 mm	20
IS25/PZ2	PZ 2	25 mm	20
IS25/PZ3	PZ 3	25 mm	20

IS25-PZXAS

CROSS BITS PZ ANTI SLIP



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS25/PZ1AS	PZ 1	25 mm	10
IS25/PZ2AS	PZ 2	25 mm	10
IS25/PZ3AS	PZ 3	25 mm	10

IS25-TGX

SLOTTED BITS



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS25/TG3	3 x 0,5 mm	25 mm	10
IS25/TG4	4 x 0,8 mm	25 mm	10
IS25/TG5.5	5,5 x 0,8 mm	25 mm	10
IS25/TG6	6 x 1 mm	25 mm	10
IS25/TG8	8 x 1,2 mm	25 mm	10

IS25-TXX

TORX BITS



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS25/TX10	T10	25 mm	10
IS25/TX15	T15	25 mm	10
IS25/TX20	T20	25 mm	10
IS25/TX25	T25	25 mm	10
IS25/TX30	T30	25 mm	10
IS25/TX35	T35	25 mm	10
IS25/TX40	T40	25 mm	10
IS25/TX45	T45	25 mm	10
IS25/TX50	T50	25 mm	10
IS25/TX55	T55	25 mm	10

IS50-ESX

HEXAGONAL BITS

Turn-down body.



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS50/ES2	2 mm	50 mm	5
IS50/ES25	2,5 mm	50 mm	5
IS50/ES3	3 mm	50 mm	5
IS50/ES4	4 mm	50 mm	5
IS50/ES5	5 mm	50 mm	5
IS50/ES6	6 mm	50 mm	5
IS50/ES8	8 mm	50 mm	5
IS50/ES10	10 mm	50 mm	5

IS50-PHX

CROSS BITS PH

With turn-down body.



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS50/PH1	PH 1	50 mm	10
IS50/PH2	PH 2	50 mm	10
IS50/PH3	PH 3	50 mm	10

IS50-PZX

CROSS BITS PZ

With turn-down body.



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS50/PZ1	PZ 1	50 mm	10
IS50/PZ2	PZ 2	50 mm	10
IS50/PZ3	PZ 3	50 mm	10

IS50-TGX

SLOTTED BITS

With turn-down body.



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS50/TG3	3 x 0,5 mm	50 mm	5
IS50/TG4	4 x 0,8 mm	50 mm	5
IS50/TG5.5	5,5 x 0,8 mm	50 mm	5
IS50/TG6	6 x 1 mm	50 mm	5
IS50/TG8	8 x 1,2 mm	50 mm	5

IS50-TXX

TORX BITS

With turn-down body.



Mo-V | Phosphated | 3126 | 1/4"

Art.	Size	Length	Pack
IS50/TX10	T10	50 mm	5
IS50/TX15	T15	50 mm	5
IS50/TX20	T20	50 mm	5
IS50/TX25	T25	50 mm	5
IS50/TX30	T30	50 mm	5
IS50/TX35	T35	50 mm	5
IS50/TX40	T40	50 mm	5

S018

HAND RIVETER SET



372 Pcs | Carrying case | Cr-Mo | Satin

Rivets	50 x Ø 2,4 mm - 50 x Ø 3,2 mm - 50 x Ø 4 mm - 50 x Ø 4,8 mm
Nut rivets	50 x M3 - 50 x M4 - 25 x M5 - 25 x M6 - 20 x M8
Description	330 x 170 x 150 mm

0455

DOUBLE HAND NUT RIVETER

Long levers for effortless work, with 7 nosepieces.



15 Pcs | Carrying case | Steel | Tempered

Nosepieces	M3 – M4 – M5 – M6 – M8 – M10 – M12
Length	400 mm

0469

HAND NUT RIVETER

With 4 nosepieces. Ergonomic handles.



10 Pcs | Box | Steel | Tempered

Nosepieces	M3 – M4 – M5 – M6
Length	200 mm

0453

DOUBLE HAND RIVETER

Long levers for effortless work, even with 6.4mm rivets. Plastic reservoir for sheared nail recovery.



Box | Steel | Tempered

Rivets	Ø 3,2 – 4,0 – 4,8 – 6,0 - 6,4 mm
Length	400 mm

0454

DOUBLE HAND RIVETER WITH ROTATING HEAD

Long levers for effortless work, even with 6.4mm rivets. Plastic reservoir for sheared nail recovery. With 4-position rotating head.



Box | Steel | Tempered

Rivets	Ø 3,2 – 4,0 – 4,8 – 6,4 mm
Length	400 mm

0470

HAND RIVETER WITH MULTI-SIDES BLOCKER

With rotating head - 4 positions.



Hangable | Steel | Tempered

Rivets	Ø 2,4 - 3,2 - 4,0 - 4,8 mm

0872/P

DOUBLE JOINT LONG PLIER SET



3 Pcs · Hangable · Cr-V · Chromed

Length	335 mm
Thickness	10 mm

0872/PDD

DOUBLE X LONG REACH PLIER LONG NOSE



Hangable · Cr-V · Chromed

Length	335 mm
Thickness	10 mm

0872/PCD

DOUBLE X LONG REACH PLIER LONG BENT NOSE 45°



Hangable · Cr-V · Chromed

Length	335 mm
Thickness	10 mm

0872/OPD

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

COMBINATION PLIERS

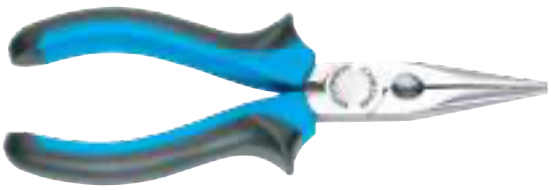


Hangable · Cr-V · Chromed

Art.	Length	Thickness
0873/U6	160 mm	11 mm
0873/U7	180 mm	10,5 mm
0873/U8	200 mm	12 mm

0873-BD

LONG NOSE PLIERS

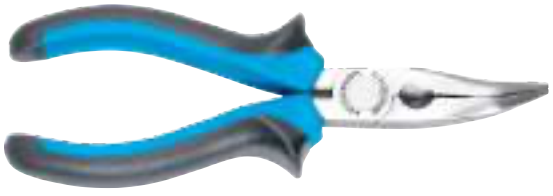


Hangable · Cr-V · Chromed

Art.	Length	Thickness
0873/BD6	160 mm	9 mm
0873/BD8	200 mm	10 mm

0873-BC

BENT NOSE PLIERS 45°



Hangable · Cr-V · Chromed

Art.	Length	Thickness
0873/BC6	160 mm	9 mm
0873/BC8	200 mm	10 mm

0873/TL

DIAGONAL SIDE CUTTING NIPPERS



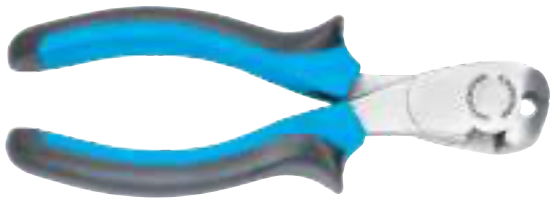
Hangable · Cr-V · Chromed

Length	160 mm
Thickness	9 mm

0873/TF

END CUTTING NIPPERS

Hangable
Cr-V
Chromed



Length	160 mm
Thickness	11 mm

0020/1

EXTRA LONG NOSE MINI PLIERS

Blister
Steel
Chromed



Length	150 mm

0020/2

BENT NOSE MINI PLIERS

Blister
Steel
Chromed



Length	125 mm

0020/3

FLAT NOSE MINI PLIERS

Blister
Steel
Chromed



Length	125 mm

0020/4

LONG NOSE MINI PLIERS

Blister
Steel
Chromed

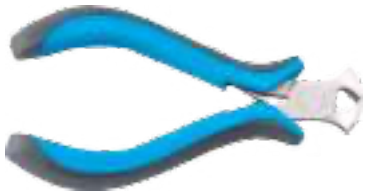


Length	125 mm

0020/5

END CUTTING MINI NIPPERS

Blister
Steel
Chromed

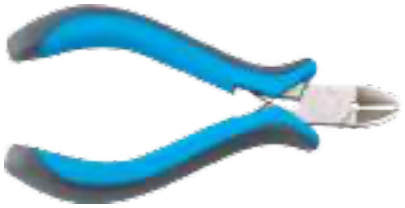


Length	110 mm

0020/6

DIAGONAL SIDE CUTTING MINI NIPPERS

Blister
Steel
Chromed



Length	110 mm

0020

FINE POLISHED MINI PLIERS SET



5 Pcs
Blister
Steel
Bakelite
Chromed

Length	110 ÷ 125 mm

08X
COMBINATION PLIERS



Hangable

Satin

Art.	Length	Thickness
0810	160 mm	11 mm
0811	180 mm	11 mm
0850	200 mm	13 mm

0812
LONG NOSE PLIERS



Hangable

Satin

Length	160 mm
Thickness	10 mm

0813
BENT NOSE PLIERS 45°



Hangable

Satin

Length	160 mm
Thickness	10 mm

0814
DIAGONAL SIDE CUTTING NIPPERS



Hangable

Satin

Length	160 mm
Thickness	10 mm

0841
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
RATCHET CRIMPING TOOL

With release lever.



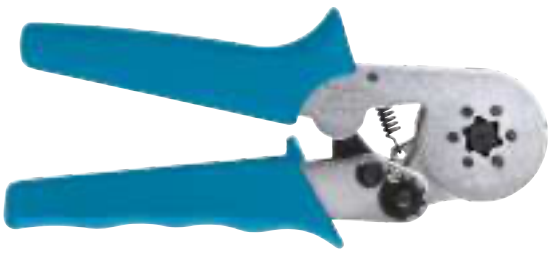
Blister

Steel

For barrel open terminals	Ø 1 ÷ 3,5 mm / 0,5 ÷ 6 mm2 AWG 20-10
Length	230 mm
Thickness	12 mm

0847
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
MODULAR PLUG CRIMPING TOOL

With release knob.



Blister

Steel

Electric plugs	RJ-11 (6P4C); RJ-12 (6P6C); RJ-45 (8P8C)

P. 466

0826

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

UNIVERSAL CRIMPING PLIER SET

With insulated terminals.



Blister

Steel

Length	220 mm

024XE

CIRCLIP PLIERS

External straight nose.

Hangable

Cr-V



Art.	Circlips	Length
0246	Ø 19 ÷ 60 mm	185 mm
0636	Ø 10 ÷ 25 mm	160 mm
0674	Ø 3 ÷ 10 mm	150 mm
0676	Ø 32 ÷ 80 mm	225 mm

024XI

CIRCLIP PLIERS

Internal straight nose.

Hangable

Cr-V



Art.	Circlips	Length
0248	Ø 19 ÷ 60 mm	175 mm
0638	Ø 8 ÷ 25 mm	150 mm
0619	Ø 3 ÷ 10 mm	135 mm
0631	Ø 32 ÷ 80 mm	225 mm

063XE

CIRCLIP PLIERS

External curved nose.

Hangable

Cr-V



Art.	Circlips	Length
0247	Ø 19 ÷ 60 mm	175 mm
0637	Ø 10 ÷ 25 mm	150 mm
0108	Ø 3 ÷ 10 mm	135 mm
0324	Ø 32 ÷ 80 mm	215 mm

063XI

CIRCLIP PLIERS

Internal curved nose.

Hangable

Cr-V



Art.	Circlips	Length
0249	Ø 19 ÷ 60 mm	165 mm
0639	Ø 8 ÷ 25 mm	150 mm
0340	Ø 3 ÷ 10 mm	135 mm
0364	Ø 32 ÷ 80 mm	215 mm

0136

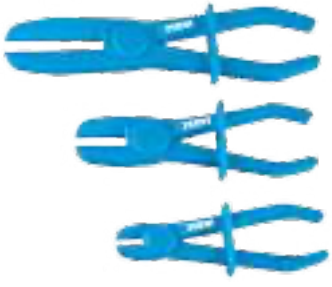
NYLON CLAMP SET

Automotive hose.

3 Pcs

Blister

Nylon



Length	158 - 185 - 254 mm
Hose diameter	10 - 15 - 24 mm

0603

AUTO REPAIRING PLIERS SET FOR CARS ZIP TIES



9 Pcs

Carrying case

Steel

0118
WATER PUMP PLIERS
6 positions.



Steel

Length	240 mm

0831-
WATER PUMP PLIERS
7 positions.



Hangable | Cr-V | DIN 8976/C

Art.	Length
0831/175	175 mm
0831/250	250 mm
0831/300	300 mm

0834-
TOWER PINCERS



Hangable | Steel | DIN 9242

Art.	Length
0834	220 mm
0834/200	200 mm
0834/250	250 mm
0834/280	280 mm

0206
CARPENTER PINCER



Hangable | Steel

Length	200 mm

0121
LOCKING L-GRIP CLAMP



Box | Steel | Satin

Length	230 mm
Adjustable	0 ÷ 155 mm

0120
4 POSITIONS ADJUSTABLE LOCK WRENCH



Box | Steel | Satin

Length	230 mm
Opening	18 - 39 - 43 mm

0119-
ADJUSTABLE LOCK WRENCH



Blister | Steel | Satin

Art.	Length
0119/5	130 mm
0119/7	180 mm
0119	220 mm

0379
FOUR JAWS ADJUSTABLE LOCK WRENCH



Box | Steel | Satin

Length	225 mm

P. 468

0368-

AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Art.	Length
0368/7	160 mm
0368/10	230 mm

0370/11

LONG NOSE AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Length	275 mm

0373-

"C" NOSE AUTOMATIC LOCK WRENCH



Box | Cr-V | Satin

Art.	Length	Opening
0373/9	210 mm	65 mm
0373/11	300 mm	95 mm

0130-

HEAVY DUTY PIPE WRENCH



Cr-V

Art.	Dimensions	Max Opening
0130/350	350 mm - 14"	50 mm
0130/600	600 mm - 24"	90 mm

0225-

45° BENT NOSE PIPE WRENCH



Cr-V

Art.	Dimensions	Max Opening
0225/340	340 mm - 1"	46 mm
0225/440	440 mm - 1,5"	62 mm
0225/580	580 mm - 2"	72 mm
0225/700	700 mm - 3"	100 mm

0227-

90° BENT NOSE PIPE WRENCH



Cr-V

Art.	Dimensions	Max Opening
0227/340	330 mm - 1"	38 mm
0227/440	415 mm - 1,5"	52 mm
0227/580	580 mm - 2"	75 mm
0227/700	700 mm - 3"	100 mm

0511

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

0781

STONING HAMMER

With safety fiberglass plastic handle with black rubber grip.



Glass fiber 6475

Length	260 mm
Net weight	1000 g

0780

CLAW HAMMER

With safety fiberglass plastic handle with black rubber grip.



Glass fiber

Net weight	500 g

0514-

MACHINIST'S HAMMER GERMAN TYPE

With safety fiberglass plastic handle with black rubber grip.



Glass fiber 1041

Art.	Net weight
0514/200	200 g
0514/300	300 g
0514/400	400 g
0514/500	500 g
0514/1000	1000 g

0154-

MACHINIST'S HAMMER GERMAN TYPE



Wood 1041

Art.	Net weight
0154/100DIN	100 g
0154/200DIN	200 g
0154/300DIN	300 g
0154/400DIN	400 g
0154/500DIN	500 g
0154/600DIN	600 g
0154/800DIN	800 g
0154/1000DIN	1000 g
0154/1500DIN	1500 g
0154/2000DIN	2000 g

0153-

STONING HAMMER



Wood 6475

Art.	Net weight
0153/800DIN	800 g
0153/1000DIN	1000 g
0153/1250DIN	1250 g
0153/1500DIN	1500 g

0169-

CLAW HAMMER ITALIAN TYPE

Magnetic.



Wood

Art.	Net weight
0169/300	300 g
0169/400	400 g

0216/400

CHIPPING HAMMER

With wooden handle.



Wood

Handle length	380 mm
Net weight	400 g

0239/400

CHIPPING HAMMER

With fiberglass plastic handle with black rubber grip.



Glass fiber

Handle length	380 mm
Net weight	400 g

0148/500

RUBBER MALLET



Wood

Head	Ø 65 mm
Net weight	500 g

0243-

TWO WAY MALLET



Steel

Art.	Head	Net weight
0243/30	Ø 30 mm	350 g
0243/40	Ø 40 mm	500 g

0794-

TWO WAY RUBBER MALLET

Equipped of fiberglass handle.



Glass fiber

Art.	Head	Net weight
0794/350	Ø 55 mm	350 g
0794/450	Ø 58 mm	500 g

0808-

MALLET

Aluminium with anatomic handle and polyethylene heads.



Wood

Art.	Head	Net weight
0808/35	Ø 35 mm	350 g
0808/60	Ø 60 mm	800 g

033X

DEAD BLOW RUBBER MALLET



Art.	Head	Net weight	Hardness
0336	Ø 45 mm	500 g	90ah
0337	Ø 50 mm	900 g	90ah

0840-

DEAD BLOW MALLET

Nylon, spare part head.



made in Italy

Art.	Head	Net weight
0840/40	Ø 40 mm	750 g
0840/50	Ø 50 mm	1000 g
0840/60	Ø 60 mm	1500 g

0840-XT

SPARE PART HEAD

For dead blow mallet 0840-.



made in Italy

Art.	Head
0840/40T	Ø 40 mm
0840/50T	Ø 50 mm
0840/60T	Ø 60 mm

G009

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

With octagonal body.



Cr-Mo

DIN 7250

Art.	Sizes	Length
B006/4	4 mm	120 mm
B006/5	5 mm	150 mm

C012-

DRIFT PIN

With octagonal body.



Cr-Mo

Art.	Dimensions	Length
C012/02	Ø 2 mm	150 mm
C012/03	Ø 3 mm	150 mm
C012/04	Ø 4 mm	150 mm
C012/05	Ø 5 mm	150 mm
C012/06	Ø 6 mm	150 mm
C012/08	Ø 8 mm	150 mm

S022-

CHISEL FOR METAL



Cr-Mo

Art.	Dimensions	Length
S022/18	18 mm	150 mm
S022/21	21 mm	200 mm
S022/25	25 mm	250 mm
S022/26	26 mm	240 mm

C015-

DRIFT PIN

With octagonal body and hand guard.

Hangable · Cr-Mo · Chromed

Art.	Size	Length
C015/2	Ø 2 x 8 mm	140 mm
C015/3	Ø 3 x 8 mm	150 mm
C015/4	Ø 4 x 10 mm	180 mm
C015/5	Ø 5 x 10 mm	220 mm
C015/6	Ø 6 x 12 mm	210 mm
C015/7	Ø 7 x 12 mm	210 mm

C015

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

0126

DRIFT PIN SET WITH PLASTIC HOLDER



6 Pcs · Blister · Cr-V

Dimensions	Ø 3-4-5-6-8-10 mm
Length	150 mm

0127

MECHANIC CHISEL, PIN PUNCH AND CENTER PUNCH SET WITH PLASTIC HOLDER



6 Pcs · Blister · Cr-V

Length	120 - 150 mm

0396

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

0381

AUTOMATIC CENTER PUNCH

With spring.



Blister Steel

Length	125 mm

0733

AUTOMATIC CENTER PUNCH

Spring-loaded. Possibility of adjusting the punching depth.



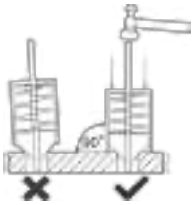
Blister Steel

Length	140 mm

0734-

HOLE MARKERS

For centring within existing bores, the spring-loaded, conical front provides accurate centring.





Box Steel

Art.	Length	Hole diameter
0734/1	82 mm	Ø5 ÷ Ø15 mm
0734/2	100 mm	Ø5 ÷ Ø30 mm

0391

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

0258

FLAT POINT COLD CHISEL WITH HAND GUARD



Steel

Dimensions	16 x 300 mm

0259

POINT COLD CHISEL WITH HAND GUARD



Steel

Dimensions	16 x 300 mm



0300

WOOD CHISEL SET



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	6 mm
0301/10	10 mm
0301/16	16 mm
0301/20	18,5 mm
0301/24	25 mm

0168

WOOD CHISEL SET



5 Pcs | Blister | Steel

Hardness	HRC 58-60
Sizes	240 x 6-10-16-20-24 mm

0306

CARVING CHISEL SET



12 Pcs | Box | Steel | Chromed

Hardness	HRC 58-60
Length	215 mm

0162

WOOD CHISEL SET FOR LATHE



3 Pcs | Blister | Steel

Hardness	HRC 58-60
Total length	370 mm

0166

IRON PLANER FOR WOOD



Box | Steel

Planner length	225 mm
Blade width	50 mm

0519
WOOD RASP SET WITH PLASTIC HANDLE



3 Pcs | Blister | Steel

Dimensions	200 mm - 8"

0160
FILE SET FOR METAL WITH ANATOMIC HANDLE

5 pieces: 1 flat, 1 square, 1 triangular, 1 round, 1 half-round.



5 Pcs | Blister | Steel | DIN 7261

Dimensions	200 mm - 8"

0219
NEEDLE FILE SET



6 Pcs | Blister | Steel

Total length	180 mm

L012
DIAMOND NEEDLE FILE SET



5 Pcs | Hangable | Diamond coated | Steel

Length	180 mm

L013
DIAMOND NEEDLE FILE SET



5 Pcs | Hangable | Diamond coated | Steel

Length	140 mm

L012/PIA
DIAMOND FLAT FILE



Hangable | Steel | Diamond coated

Length	180 mm

0737-

STEEL FILE

Rectangular shape, with ergonomic plastic handle.



Blister Steel Satin 7261

Art.	Slotted	Dimensions	Pack
0737/150T2	Half cut	150 mm / 6"	10
0737/150T3	Dolce	150 mm / 6"	10
0737/200T2	Half cut	200 mm / 8"	10
0737/200T3	Smooth cut	200 mm / 8"	10
0737/250T2	Smooth cut	250 mm / 10"	10
0737/250T3	Half cut	250 mm / 10"	10

0738-

STEEL FILE

Triangular shape. With ergonomic plastic handle.



Blister Steel Satin 7261

Art.	Slotted	Dimensions	Pack
0738/150T2	Half cut	150 mm / 6"	10
0738/150T3	Smooth cut	150 mm / 6"	10
0738/200T2	Half cut	200 mm / 8"	10
0738/200T3	Smooth cut	200 mm / 8"	10
0738/250T2	Half cut	250 mm / 10"	10
0738/250T3	Smooth cut	250 mm / 10"	10

0739-

STEEL FILE

Half round shape. With ergonomic plastic handle.



Blister Steel Satin 7261

Art.	Slotted	Dimensions	Pack
0739/150T2	Half cut	150 mm / 6"	10
0739/150T3	Smooth cut	150 mm / 6"	10
0739/200T2	Half cut	200 mm / 8"	10
0739/200T3	Smooth cut	200 mm / 8"	10
0739/250T2	Half cut	250 mm / 10"	10
0739/250T3	Smooth cut	250 mm / 10"	10

0740-

STEEL FILE

Round shape. With ergonomic plastic handle.



Blister Steel Satin 7261

Art.	Slotted	Dimensions	Pack
0740/150T2	Half cut	150 mm / 6"	10
0740/150T3	Smooth cut	150 mm / 6"	10
0740/200T2	Half cut	200 mm / 8"	10
0740/200T3	Smooth cut	200 mm / 8"	10
0740/250T2	Half cut	250 mm / 10"	10
0740/250T3	Smooth cut	250 mm / 10"	10

0741-

STEEL FILE

Squared shape. With ergonomic plastic handle.



Blister Steel Satin 7261

Art.	Slotted	Dimensions	Pack
0741/150T2	Half cut	150 mm / 6"	10
0741/150T3	Smooth cut	150 mm / 6"	10
0741/200T2	Half cut	200 mm / 8"	10
0741/200T3	Smooth cut	200 mm / 8"	10
0741/250T2	Half cut	250 mm / 10"	10
0741/250T3	Smooth cut	250 mm / 10"	10

0742-

ANATOMIC PLASTIC FILE HANDLE



Hangable

Art.	For file	Pack
0742/4	100 mm - 150 mm / 4" - 6"	12
0742/6	150 mm - 250 mm / 6" - 10"	12
0742/10	250 mm - 400 mm / 10" - 16"	12

0202
PRY BAR SET GO THROUGH TYPE



4 Pcs
Blister
Steel

Dimensions	230mm/9" - 300mm/12" - 450mm/18" - 590mm/24"

0320
WRECKING BAR



Steel

Total length	600 mm
Hexagon	15,6 mm

0192
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
POINTED PRY BAR



Steel

Length	400 mm
A	30 mm
B	23 mm
Pack	5

L007
MOTORCYCLE TYRE LEVER



Box
Steel
Satin

Dimensions	215 x 16 x 5 mm

0267
TYRE LEVER



Box
Steel
Satin

Dimensions	510 x 26 x 9 mm



0623

SNAP-OF UTILITY KNIFE, BLADES INCLUDED

With automatic loading of the blade.



Blister Steel

Standard blades	3
Blade width	18 mm

0627

SNAP-OFF UTILITY KNIFE BLADES INCLUDED

With automatic loading of the blade.



Blister Steel

Standard blades	5
Blade width	9 mm

0617

AUTOMATIC SNAP-OFF UTILITY KNIFE BLADES INCLUDED



Expositor Steel

Standard blades	3
Blade width	18 mm

0613

AUTOMATIC SNAP-OFF UTILITY KNIFE BLADES INCLUDED

ISO 9001.



Blister Steel

Standard blades	3
Blade width	9 mm

0096

SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



Expositor Steel

Standard blades	3
Blade width	18 mm

0612

AUTOMATIC SNAP-OFF UTILITY KNIFE BLADES INCLUDED



Blister Steel

Standard blades	3
Blade width	9 mm

0611

AUTOMATIC SNAP-OFF UTILITY KNIFE BLADES INCLUDED



Blister Steel

Standard blades	3
Blade width	9 mm

0035

SECURITY SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



Expositor Steel

Standard blades	4
Trapezoidal blade	19 x 61 x 0,6 mm

0792

AUTOMATIC SNAP-OFF UTILITY KNIFE, BLADES INCLUDED



Blister Steel

Standard blades	5
Blade width	25 mm

0696

FOLDABLE UTILITY KNIFE, BLADES INCLUDED





Blister Steel

Standard blades	5
Blade width	20 mm

0095

SNAP-OFF KNIFE SET



3 Pcs Hangable Steel

0696/L

PAPER CUTTER BLADE SET



10 Pcs Box

Trapezoidal blade	19 x 61 x 0,6 mm

0627/L

PAPER CUTTER BLADE SET





10 Pcs Hangable

Blade width	9 mm

0096/L

PAPER CUTTER BLADE SET



10 Pcs | Hangable | Steel

Blade width	18 mm

0792/L

PAPER CUTTER BLADE SET



10 Pcs | Hangable | Steel

Blade width	25 mm

0420

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

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

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

EXTENSIBLE DEBURRING TOOL WITH 3 BLADES



4 Pcs | Box | HSS

Blade	Ø 3,2 mm
Blade dimensions	E100 - E200 - E300

0420/S

DEBURRING SET WITH BLADES

For internal and external deburring of hard and soft materials. Comfortable and practical equipped with clips to always carry them with you and have them available at the right time. With ergonomic handle and different colors to immediately identify the right deburrer for the right material: purple for aluminum, red for brass and cast iron, blue for steel and yellow for plastic



4 Pcs | Blister | HSS | Plastic

Length	120 mm
Blade	Ø 3,2mm

S002/E100

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

HSS BIDIRECTIONAL BLADE SET

For internal and external deburring short chips material like brass and cast iron.



10 Pcs | Hangable | HSS

S002/E300

HSS BIDIRECTIONAL BLADE SET

For internal and external deburring for holes until 4mm of thikness.



10 Pcs | Hangable | HSS

S005

DOUBLE DEBURRER WITH HSS DISK BLADE

For steel, aluminum, brass, copper and plastic sheets deburring max 10mm.



Box | HSS

S005/R

DISK BLADE SET

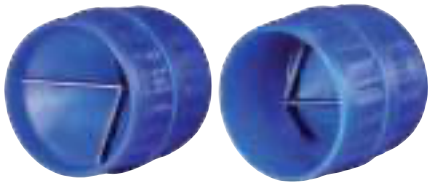


4 Pcs | Box | HSS

0384

INNER-OUTER REAMER

For copper and ferrous metals.



2 Pcs | Box | Plastic

Capacity	3 ÷ 32 mm 3/16" ÷ 1-1/2"

0647/25

PAINT SCRAPER WITH 25MM CARBIDE BLADE THREE CUTTING EDGES



Blister | HM | Satin

0647/50

PAINT SCRAPER WITH 50MM CARBIDE BLADE TWO CUTTING EDGES



Blister | HM | Satin

0647/65

PAINT SCRAPER WITH 65MM CARBIDE BLADE TWO CUTTING EDGES



Blister | HM | Satin

0647/25L

2 PCS BLADE SET



2 Pcs | Blister | HM

0647/50L

2 PCS BLADE SET



2 Pcs | Blister | HM

0647/65L

2 PCS BLADE SET



2 Pcs | Blister | HM



0869

HANDSAW FOR JOINER



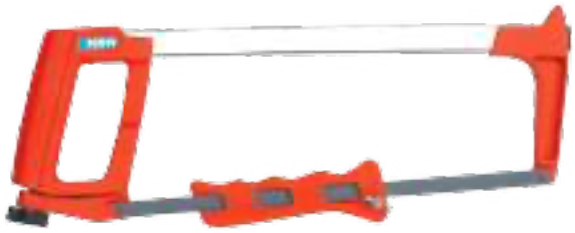
Steel

Blade length	400 mm

0226

HACKSAW FRAME WITH ALUMINUM ALLOY HANDLE

With handle for small cut. Bi-metal hack saw blade and aluminum body.



Alu

Aluminum

Blade length	310 mm

0629

HACKSAW WITH BLADE

Bi-metal hack saw blade and aluminum body.



Alu

Aluminum

Blade length	300 mm

0161

MINI HACKSAW WITH BLADE



Alu

Aluminum

Blade length	150 mm

0724/B

BI-METAL HACK SAW BLADE

ISO 2336-1.



HSS

Box

Sizes	300 x 12,7 x 0,62 mm x 24T - 12" x 1/2" x 0,025" x 24T
Pack	10

0159

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

NIBBLER FOR POWER DRILL

Double head nibbler, with accessory for round and straight cutting purpose.



0670/U

CUTTER HOLDERS



HSS TiN

Box

Cutting capacity		**plastic materials**	2,0 mm
iron plates	1,8 mm	**Round speed**	1500 ÷ 3000 rpm
stainless steel plate	1,2 mm	**Collar**	Ø 43,2 mm
copper and aluminum plate	2,0 mm	**Metal box**	

0655/L

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

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

RIGHT HAND AVIATION TIN SNIP

With serrated and hardened blade and ergonomic handles.



Blister
Cr-V
Chromed

Length	245 mm
Hardness	50 - 52 HRC

0699/240

INOX SCISSORS

With nylon handle.



Blister
INOX
Satin

Length	240 mm

0672

ELECTRICIAN SCISSORS

With serrated blade, and ergonomic handle in abs material.



Blister
INOX
Satin

Length	5" 1/2 - 140 mm

0672/B

ELECTRICIAN SCISSORS

With serrated blade and, bicolor non-slip ergonomic handle.



Blister
INOX
Satin

Length	140 mm

0141

ELECTRICIAN SCISSORS



Blister
INOX
Satin

Length	5" 1/2 - 140 mm

F018

INSULATED ELECTRICIAN SCISSORS

1000V IEC 60900, with serrated blade, and ergonomic handle in ABS material.



Blister
INOX
Satin

Length	6" - 160 mm

0673

MULTIPURPOSE SCISSORS

With serrated blade, ergonomic bicolor non-slip plastic and rubber handle.



Blister
INOX
Satin

Length	175 mm / 7" mm

0325

MULTIPURPOSE SCISSORS

With serrated blade and ergonomic bicolor non-slip handle.



Blister | INOX | Satin

Length	210 mm / 8" mm

0424

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

HOLLOW PUNCH SET



9 Pcs | Carrying case | Steel | Satin

Sizes	Ø 5 - 6 - 8 - 10 - 12,5 - 16 - 20 - 25 - 32 mm

0093/22

PIPE CUTTER FOR COPPER AND PLASTIC

With zinc alloy body.



Blister | Steel | Tempered

Cutting capacity	3÷22 mm , 1/8"÷7/8"

0093/42

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

COPPER TUBE CUTTER



Blister | Alu (Aluminum)

Capacity	3 ÷ 28 mm - 1/8" ÷ 1 1/8"

0472

PIPE FLARING TOOL FOR COPPER AND ALUMINUM



Box | Steel

Round pipe	5 - 6 - 8 - 10 - 12 - 14 - 16 mm

0253

POLYURETHANE AND RUBBER HOSE CUTTER

Suitable for pe, pu and rubber hoses, bi-component handle.



Blister | Steel

Max Opening	19 mm
Length	133 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	300 mm – 12"
0287/350	350 mm - 14"
0287/450	450 mm - 18"
0287/600	600 mm - 24"
0287/750	750 mm - 30"

0846/150

RATCHET HAND CABLE CUTTER

For electric cables.



Box Steel

Cutting capacity	150 mm2 (Al - Cu)
Length	250 mm

0862

ADJUSTABLE AUTOMATIC WIRE STRIPPER



Blister Steel

Max cut	Ø 0,8 ÷ 3,5mm 0,25 ÷ 6 mm2

0101/500

WOODEN HANDLE CAMP AXE



Wood

0513

CAMP AXE WITH FIBRE-GLASS HANDLE



Glass fiber

0515

AXE WITH FIBRE-GLASS HANDLE



Glass fiber

Length	900 mm

0322

TELESCOPIC RATCHET LOPPING SHEARS TEFLON COATED HARDENED BLADE

Ergonomic handle.



Hangable Steel Tempered

Length	690 - 1030 mm

0587-

STAPLES



5000 Pcs | Box

Art.	Model	Size
0587/8006	80	12,9 x 6h mm
0587/8008	80	12,9 x 8h mm
0587/8010	80	12,9 x 10h mm
0587/8012	80	12,9 x 12h mm
0587/8014	80	12,9 x 14h mm
0587/8016	80	12,9 x 16h mm

0585-

STAPLES



2500 Pcs | Box

Art.	Model	Size
0585/9013	90	5,7 x 13h mm
0585/9019	90	5,7 x 19h mm
0585/9032	90	5,7 x 32h mm
0585/9040	90	5,7 x 40h mm

0584-

NAILS



5000 Pcs | Box

Art.	Model	Size
0584/F10	TI-PIN	1 x 10h mm
0584/F15	TI-PIN	1 x 15h mm
0584/F20	TI-PIN	1 x 20h mm
0584/F25	TI-PIN	1 x 25h mm
0584/F30	TI-PIN	1 x 30h mm
0584/F35	TI-PIN	1 x 35h mm
0584/F40	TI-PIN	1 x 40h mm
0584/F45	TI-PIN	1 x 45h mm
0584/F50	TI-PIN	1 x 50h mm

0588-

HEADLESS PINS

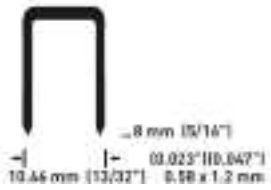


10000 Pcs | Box

Art.	Model	Size
0588/615	0,60	0,63 x 15h mm
0588/620	0,60	0,63 x 20h mm
0588/625	0,60	0,63 x 25h mm
0588/630	0,60	0,63 x 30h mm
0588/635	0,60	0,63 x 35h mm

0151

STAPLES



500 Pcs | Blister

Section	0,58 x 1,2 mm



0295

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

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

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

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

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

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

COTTER PIN SET

150 Pcs 1/16" x 1";
150 Pcs 3/32" x 1";
100 Pcs 3/32" x 1 - 1/2";
80 Pcs 1/8"x1-1/4";
50 Pcs 1/8" x 2";
30 Pcs 5/32"x2-1/2".



555 Pcs | Box | Steel

0298

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

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

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

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 | Hangable | Box | Steel

0263

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. Tolerance ±1mm.



80 Pcs | Box | Steel

0257

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

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 | 5401

0116P

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 | 5401

0180

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

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

O-RING SET IN INCHES

Assortment made of high quality NBR nitrile rubber, heat resistant, oil resistant, gas resistant.



419 Pcs | Box

0177

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 | Hangable | Box

0261

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

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

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

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

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

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

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

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

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

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

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	100 x 0,5 mm²
Grey end	100 x 0,75 mm²
Red end	50 x 1 mm²
Black end	100 x 1,5 mm²
Blue end	50 x 2,5 mm²

0380

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

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

BATTERIES FOR DIGITAL INSTRUMENTS

Hangable



Voltage	1,5 V
Pack	10

CR20X

BATTERIES FOR DIGITAL INSTRUMENTS



Art.	Voltage	Pack
CR2025	3 V	10
CR2032	3 V	10



0678

POLYURETHANE FOAM GUN

Mount and foam adjustment.



Box

Length	290 mm

0085

9" HEAVY DUTY CAULKING GUN





Nickel plated

0521

9" HEAVY DUTY CAULKING GUN







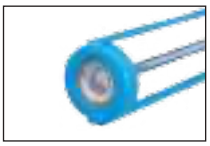
Nickel plated

0234

9" REINFORCED CAUL KING GUN SKELETON TYPE EXAGONAL ROD







Steel

0091

9" RATCHET CAUL KING GUN BARREL TYPE





0861

9" EPOXY SEAL CAUL KING GUN





Nickel plated

0819-

BRICKLAYING TROWELS ROUND NOSE



Steel

Art.	Length
0819/18	180 mm
0819/20	200 mm

0820-

SQUARE TROWELS



Steel

Art.	Length
0820/18	180 mm
0820/20	200 mm

0822

PLASTERING TROWEL WITH ABS HANDLE



Steel

Length	280 x 120 mm

0823

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	30 x 90h mm
0184/02	50 x 85h mm
0184/03	75 x 100h mm
0184/04	100 x 100h mm

0606

POLYETHYLENE BUCKET



Dimensions	Ø 360 x 240h mm
Capacity	14 l



0043
RED AND WHITE SIGNAL TAPE



Length	200 m
Height	70 mm

0103
TAPE FILM DISPENSER



Box

0747
PPL TAPE HAVANA COLOR



Belt dimensions	50 mm x 66 m
Pack	6

0760
STRETCH FILM HANDLE DISPENSER

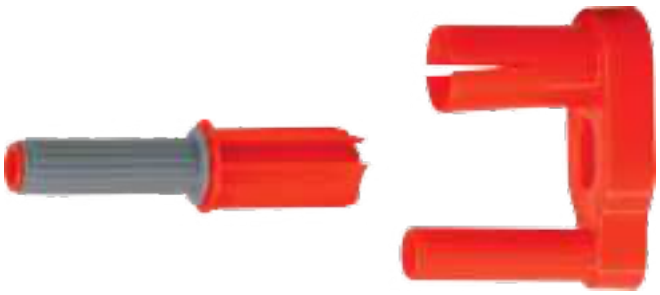


PVC300/125
PPL FILM



Dimensions	0,125h x 100 m
Thickness	20 µm
Pack	48

0748
PPL FILM HANDLE DISPENSERS



PVC300
PPL FILM



Dimensions	0,5h x 300 m
Thickness	23 µm
Pack	6

028X
POLYETHYLENE PROTECTION COVER SHEET, TWO-COLOUR GRAY/BLUE

Protected to uv rays, woven polyethylene tarpaulin 140/150 g/m2, eyelets every 50cm.



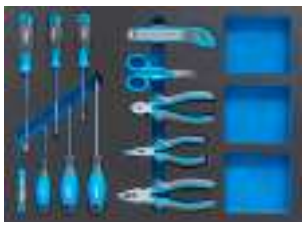
Art.	Dimensions	Net weight
0281	2,86 x 1,90 m	0,9 kg
0282	4 x 5 m	2,8 kg
0283	5 x 8 m	5,6 kg
0284	6 x 10 m	8 kg

C960/AM01

TOOL ROLLING CABINET WITH AUTOMOTIVE TOOLS









142 Pcs

Included foam trays	TM01/047, TM01/048, TM01/049
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x 25 kg - 1 x 40 kg

C960/CC01

TOOL ROLLING CABINET WITH TOOLS

























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
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x 25 kg - 1 x 40 kg

C960/CC03

TOOL ROLLING CABINET WITH TOOLS









253 Pcs

Included foam trays	TM01/068, TM01/069, TM01/070
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x 25 kg - 1 x 40 kg

C960/CC04

TOOL ROLLING CABINET WITH TOOLS









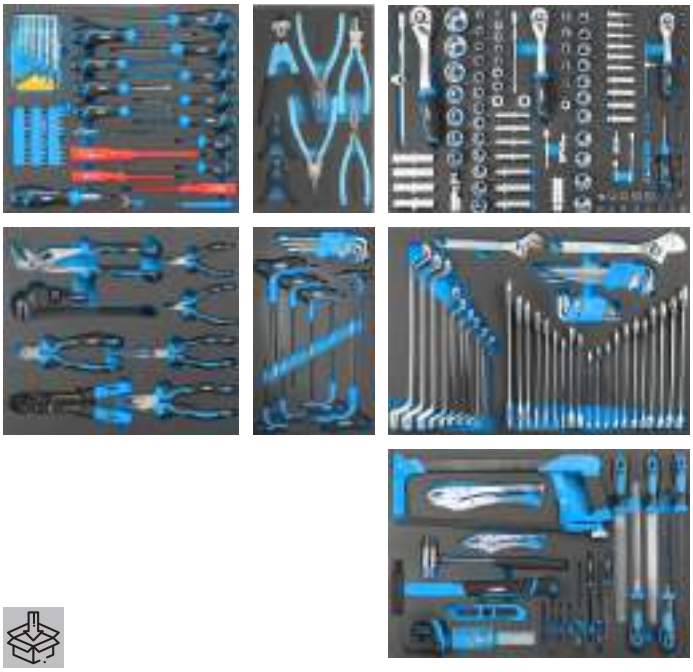


219 Pcs

Included foam trays	TM01/058, TM01/063, TM01/064, TM01/061
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x 25 kg - 1 x 40 kg

C960CA

TOOL ROLLING CABINET WITH TOOLS



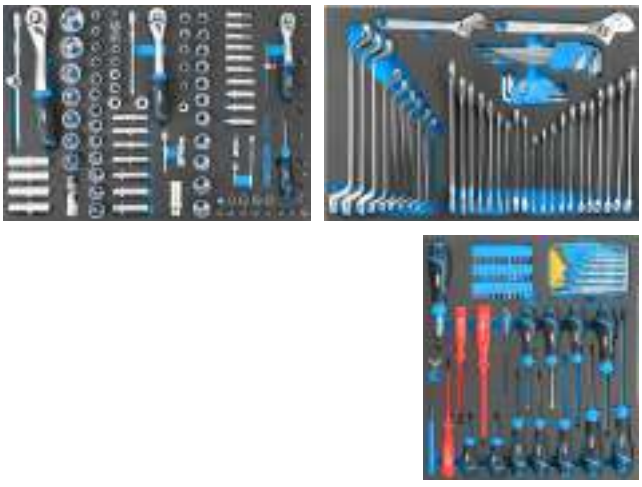


290 Pcs

Included foam trays	C960/1A, C960/2A, C960/3A, C960/4A, C960/5A, C960/7A, C960/8A
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x25 kg - 1 x 40 kg

C960C3C

TOOL ROLLING CABINET WITH TOOLS



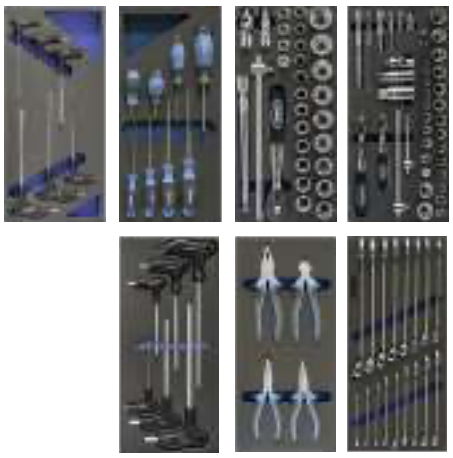


235 Pcs

Included foam trays	C960/1A, C960/3A, C960/4A
Dimensions	770 x 460 x 985h mm
Drawer dimensions	566 x 405 mm
Drawers height	6 x 68 mm - 1 x 199 mm
Drawer capacity	6 x 25 kg - 1 x 40 kg

C900/CC01

TOOL ROLLING CABINET WITH TOOLS



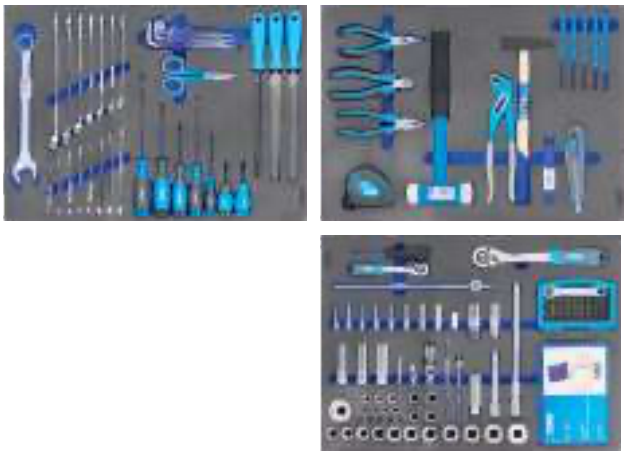


113 Pcs

Included foam trays	TM01/001, TM01/012, TM01/014, TM01/020, TM01/022, TM01/024, TM01/042
Tool cabinet size	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 45 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg

C900/CC03

TOOL ROLLING CABINET WITH TOOLS





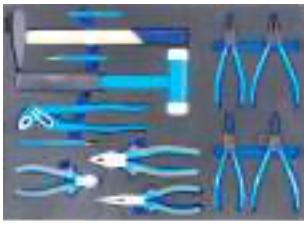
253 Pcs

Included foam trays	TM01/068, TM01/069, TM01/070
Dimensions	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 45 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg

C900/CC04

TOOL ROLLING CABINET WITH TOOLS







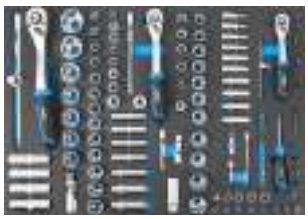

219 Pcs

Included foam trays	TM01/058, TM01/063, TM01/064, TM01/061
Dimensions	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 45 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg

C900CA

TOOL ROLLING CABINET WITH TOOLS









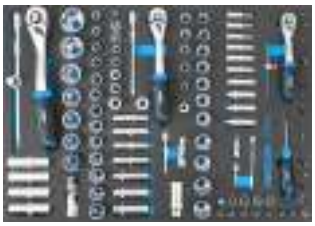


290 Pcs

Included foam trays	C960/1A, C960/2A, C960/3A, C960/4A, C960/5A, C960/7A, C960/8A
Dimensions	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 70 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg

C900C3C

TOOL ROLLING CABINET WITH TOOLS









235 Pcs

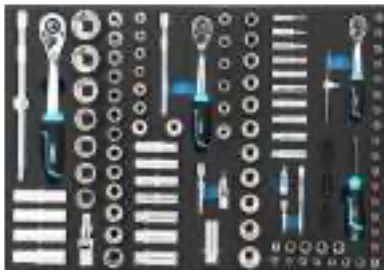
Included foam trays	C960/1A, C960/3A, C960/4A
Dimensions	744 x 461 x 964h mm
Drawer dimensions	569 x 406 mm
Drawers height	4 x 70 mm - 1 x 145 mm - 1 x 225 mm
Drawer capacity	25 kg



SCAN THE DEDICATED QRCODE AND DISCOVER THE DETAILED CONTENT!

C960/1A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



122 pcs | Cr-V | Chromed

Dimensions	570 x 390 x 35 mm

C960/2A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS

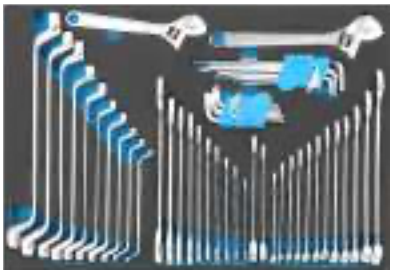


23 pcs | Cr-V

Dimensions	570 x 390 x 35 mm

C960/3A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



54 pcs | Cr-V | Chromed

Dimensions	570 x 390 x 35 mm

C960/4A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



60 pcs | Cr-V

Dimensions	405 x 390 x 35 mm

C960/5A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



8 pcs | Cr-V | Chromed

Dimensions	405 x 390 x 35 mm

C960/7A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



17 pcs | Cr-V | Chromed

Dimensions	405 x 240 x 35 mm

C960/8A

TOOLS IN FOAM TRAY FOR ROLLING CABINETS



7 pcs | Cr-V

Dimensions	405 x 240 x 35 mm

TM01/001
COMBINATION SPANNER SET IN FOAM TRAY



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/002
COMBINATION SPANNER SET IN FOAM TRAY



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/005
OPEN END WRENCHES SET IN FOAM TRAY



12 Pcs | Cr-V | Satin

Dimensions	376 x 405 x 33 mm

TM01/006
OPEN END WRENCHES SET IN FOAM TRAY



12 Pcs | Cr-V | Chromed

Dimensions	376 x 405 x 33 mm

TM01/056
FOAM TRAY WITH ART. 0690 RATCHET SPANNER SET 8-19MM



12 Pcs | Cr-V | Chromed | 72 teeth

Dimensions	188 x 405 x 33 mm

TM01/008
MALE T-HANDLE HEX WRENCH SET IN FOAM TRAY



11 Pcs | Cr-V | Chromed

Dimensions	376 x 405 x 33 mm

TM01/009
MALE T-HANDLE TORX WRENCH SET IN FOAM TRAY



13 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/010
T HANDLE MAGNETIC SWIVEL HEX SOCKET SET IN FOAM TRAY



26 Pcs | Cr-V | Chromed

Dimensions	565 x 405 x 33 mm

TM01/011

T HANDLE MAGNETIC SWIVEL HEX SOCKET SET IN FOAM TRAY

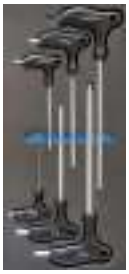


26 Pcs | Cr-V | Satin

Dimensions	565 x 405 x 33 mm

TM01/012

TWO WAY HEX KEY WITH ANATOMIC PLASTIC HANDLE SET IN FOAM TRAY



6 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/014

TWO WAY TORX KEY WITH ANATOMIC PLASTIC HANDLE SET IN FOAM TRAY



6 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/063

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY



18

Dimensions	565 x 405 x 33 mm

TM01/068

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY



36 | Cr-V

Dimensions	565 x 405 x 33 mm

TM01/016

FLAT SCREWDRIVER SET IN FOAM TRAY



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/018

CROSSTIP SCREWDRIVER SET IN FOAM TRAY



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/020

MIXED SCREWDRIVER SET IN FOAM TRAY



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/044
FLAT SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm

TM01/045
CROSSTIP SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm

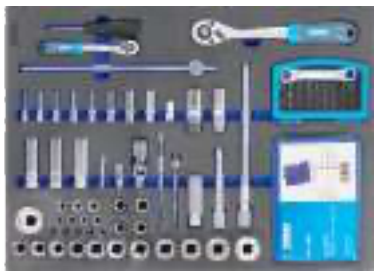
TM01/046
MIXED SCREWDRIVER SET WITH DIAMOND TIP IN FOAM TRAY



8 Pcs | Mo-V | Diamond coated

Dimensions	188 x 405 x 33 mm

TM01/070
TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY



194 | Cr-V

Dimensions	565 x 405 x 33 mm

TM01/022
HEXAGONAL HAND SOCKET SET IN FOAM TRAY



30 Pcs | Cr-V | Chromed | 1/2"

Dimensions	188 x 405 x 33 mm

TM01/023
BI-HEXAGONAL HAND SOCKET SET IN FOAM TRAY



30 Pcs | Cr-V | Chromed | 1/2"

Dimensions	188 x 405 x 33 mm

TM01/024
HEXAGONAL HAND SOCKET SET IN FOAM TRAY



42 Pcs | Cr-V | Chromed | 1/4" | 3/8"

Dimensions	188 x 405 x 33 mm

TM01/025
BI-HEXAGONAL HAND SOCKET SET IN FOAM TRAY



42 Pcs | Cr-V | Chromed | 1/4" | 3/8"

Dimensions	188 x 405 x 33 mm

TM01/026

INSULATED SCREWDRIVER SET IN FOAM TRAY



8 Pcs | Mo-V

Dimensions	188 x 405 x 33 mm

TM01/027

NUT DRIVER SET IN FOAM TRAY



7 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/028

NUT DRIVER SET IN FOAM TRAY



7 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/029

FLEXIBLE NUT DRIVER SET IN FOAM TRAY



7 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/030

RING SPANNER SET IN FOAM TRAY



8 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/031

RING SPANNER SET IN FOAM TRAY



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/032

COMBINATION SPANNER SET IN FOAM TRAY



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/033

COMBINATION SPANNER SET IN FOAM TRAY



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/035

HEXAGONAL TUBULAR SOCKET AND FLARE NUT WRENCH SET IN FOAM TRAY



16 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/036

HEXAGONAL TUBULAR SOCKET AND FLARE NUT WRENCH SET IN FOAM TRAY



17 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/069

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY



23 pcs

Dimensions	565 x 405 x 33 mm

TM01/037

DRIFT PIN SET IN FOAM TRAY



7 Pcs | Cr-Mo | Chromed

Dimensions	188 x 405 x 33 mm

TM01/038

DRIFT PIN SET WITH HAMMER IN FOAM TRAY

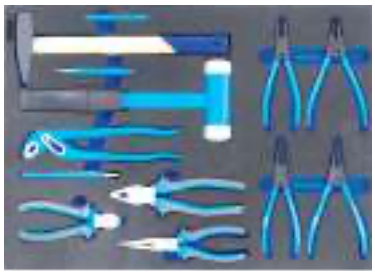


12 Pcs | Cr-Mo | Chromed

Dimensions	188 x 405 x 33 mm

TM01/064

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY



13 pcs

Dimensions	565 x 405 x 33 mm

TM01/042

PLIER SET IN FOAM TRAY



4 Pcs | Cr-V | Chromed

Dimensions	188 x 405 x 33 mm

TM01/043

HEXAGONAL IMPACT SOCKET SET IN FOAM TRAY



16 Pcs | Cr-Mo | 1/2"

Dimensions	188 x 405 x 33 mm

TM01/047

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY





Dimensions	565 x 405 x 33 mm

TM01/048

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY





Dimensions	565 x 405 x 33 mm

TM01/049

TOOLS SERIES FOR AUTOMOTIVE IN FOAM TRAY





Dimensions	565 x 405 x 33 mm

TM01/052

PNEUMATIC SERIES FOR AUTOMOTIVE IN FOAM TRAY





Dimensions	565 x 405 x 33 mm

TM01/054

EMPTY FOAM TRAY FOR A007/16 CABINET





External Dimensions	155 x 405 x 33 mm
Internal dimensions	2: 103 x 166 x 25 mm

TM01/055

EMPTY FOAM TRAY FOR A007/16 CABINET





External Dimensions	155 x 405 x 33 mm
Internal dimensions	3: 103 x 104 x 25 mm

TM01/100

EMPTY FOAM TRAY FOR SMALL ITEMS





Dimensions	188 x 405 x 33 mm

TM01/110

EMPTY FOAM TRAY FOR SMALL ITEMS





Dimensions	376 x 405 x 33 mm

TM01/120

EMPTY FOAM TRAY FOR SMALL ITEMS





Dimensions	564 x 405 x 33 mm

0105T

TOOL TROLLEY WITH ACCESSORIES







162 Pcs | Box | Cr-V

Hex keys	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 Pcs
Snap ring pliers with 4 heads	4 Pcs
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 Pc
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 Pc
Blade	3 Pcs
Aluminum flashlight	1 Pc
Crimping pliers	200 mm
Terminals	35 Pcs
Utility knife	1 Pc
Level	300 mm
Vernier caliper	150 mm
Magnetic bit holder	1 Pc
Bits	30 - 1/4"
Ratchet bit handle	1 Pc
Male adapter 1/4" Dr. and 1/4" hex	1 Pc
Case size	470 x 350 x 135 mm
Net weight	12 kg

0110T

TOOL TROLLEY WITH ACCESSORIES







135 Pcs | Box | Cr-V

Hex keys	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 Pc

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 Pc
Terminals	20 Pcs
Utility knife	1 Pc
Blade	5 Pcs
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 Pc
Case size	470 x 350 x 135 mm
Net weight	10 kg

0105

TOOL BOX WITH ACCESSORIES



162 Pcs | Box | Cr-V

Hex keys	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 Pcs
Snap ring pliers with 4 heads	4 Pcs
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 Pc
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 Pc
Blade	3 Pcs
Aluminum flashlight	1 Pc
Crimping pliers	200 mm
Terminals	35 Pcs
Utility knife	1 Pc
Level	300 mm
Vernier caliper	150 mm
Magnetic bit holder	1 Pc
Bits	30 - 1/4"
Ratchet bit handle	1 Pc
Male adapter 1/4" Dr. and 1/4" hex	1 Pc
Case size	470 x 350 x 135 mm
Net weight	11,5 kg

0110

TOOL BOX WITH ACCESSORIES



135 Pcs | Box | Cr-V

Hex keys	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 Pc
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 Pc
Terminals	20
Utility knife	1 Pc
Blade	5 Pcs
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 Pc
Case size	470 x 350 x 135 mm
Net weight	9,5 kg

0171

NEW

TOOL BOX WITH ACCESSORIES



95 Pcs | Box | Cr-V

Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Screwdrivers	(-) 5x75 - 6x100 mm (+) 1x75 - 2x100 mm
Water pump pliers	250 mm
Multipurpose scissors	170 mm
Long round nose pliers	150 mm
Combination plier	170 mm
Diagonal cutting nippers	150 mm
1/4" Dr. sockets	4-5-6-7-8-9-10-11-12-13-14 mm
1/2" Dr. sockets	10-12-13-15-17-18-19-20-22-24-27-30-32 mm
1\2" Dr. spark plug sockets	16-21 mm
Hammer	300 g
Ratchet gear wrenches	1/2" - 1/4"
Spinner handle	1/4"
Bits	31 - 1/4"
Socket	1/2" F > 3/8" M
Combination spanner	8-10-11-12-13-15-17-19 mm
Sliding T-bar	1/4"
Joints	1/2" - 1/4"
1/2" Dr. socket-bars	250 mm
1/4" Dr. socket-bars	100 mm
Male adapter 1/4" Dr. and 1/4" hex	1 Pc
Plastic case size	470 x 330 x 100h mm
Net weight	16,0 kg

0399

TOOL BOX WITH TOOLS AND ACCESSORIES

Durable case with ergonomic handle.



87 Pcs | Box | Cr-V

Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 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	8-10-11-12-13-14-15-17 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
Spark plug sockets sizes	16 mm - 21 mm
Ratchet handles	1/4" - 1/2"
German hammer	300 g
Utility knife	1 Pc
Magnetic bit holder	1 Pc
Bits	30 Pcs
Bit holder	1/4"
Ratchet bit handle	1 Pc
Male adapter 1/4" Dr. and 1/4" hex	1 Pc
Case size	450 x 360 x 120 mm
Net weight	7 kg

0434

TOOL BOX WITH TOOLS AND ACCESSORIES



53 Pcs | Box | Cr-V

Hex keys	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
Male adapter 1/4" Dr. and 1/4" hex	1 Pc
German hammer	300 g
Utility knife	1 Pc
Magnetic bit holder	1 Pc
Bits	30 - 1/4"
Ratchet bit handle	1 Pc
Precision tape	5 m
Case size	400 x 270 x 120 mm
Net weight	3 kg

0164

FABRIC TOOL CASE WITH TOOLS AND ACCESSORIES

Functional ultra-resistant fabric briefcase with double top logo-embroidered handle and practical shoulder strap. Composed of 59 tools and accessories.



59 Pcs | Cr-V

Water pump pliers	250 mm
Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Combination plier	180 mm
Scissors	200 mm
Utility knife	18 mm
Magnetic bit holder	1 Pc
Bits	30 - 1/4"
Ratchet bit handle	1 Pc
German hammer	300 g
Screwdrivers	(-) 3 x 75 - 5 x 100 mm - (+) 0 x 75 - 1 x 100 - 2 x 100 mm
Precision tape	5 m
Combination spanner	7 - 8 - 10 - 13 - 17 - 19 mm

0172

NEW

HOME SUITCASE WITH TOOLS



39 Pcs | Cr-V

Hex keys	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 mm
Slip joint pliers	150 mm
Bits	20 Pcs
Bit Holder	1 Pc
Extension	60 mm
Precision screwdrivers	(+) PH0, PH1, (-) SL2.4, SL3.0
Utility knife	1 Pc
Hammer	230 g
Precision tape	3 mt
Scissors	200 mm
Plastic case size	320 x 190 x 80 h mm
Net weight	2,0 kg

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FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)


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POWER TOOLS

p. 515 Cordless powertools
p. 523 Wire powertools

PNEUMATICS

p. 528 Staplers and brad nailers
p. 530 Air impact wrenches
p. 533 Air die grinders
p. 535 Air belt sander
p. 536 Air guns
p. 538 Spray guns
p. 541 Air hose reel

SOLDERING IRONS, PAINT STRIPPERS AND HEAT GLUE GUNS

p. 542 Solderings
p. 543 Hot air guns
p. 544 Glue guns

EQUIPMENT FOR LIQUIDS AND FLUIDS

p. 545 Oilers
p. 546 Greaser guns
p. 547 Spray
p. 550 Tanks
p. 550 Pressure sprayers
p. 551 Pumps

HEATERS, LIGHTING AND LENSES

p. 553 Heaters
p. 554 LED Lights
p. 555 Lamps
p. 556 Magnifier lens
p. 556 Battery operated torches and lamps
p. 559 Powers sockets



FERVI POWER TOOLS

Designed to take your work experience to the next level - easier, faster and more efficient. Thanks to cutting-edge technologies and high-quality materials, they are designed to last over time and offer exceptional performance.

POWER

Our power tools are equipped with powerful motors that will allow you to tackle even the most demanding challenges with ease.



MORE POWER

We have designed a wide range of tools to suit your specific needs, be it professional work, DIY or home maintenance. Our advanced technology ensures greater energy efficiency, thus helping to reduce energy consumption.



EXTRA POWER

They are designed with your comfort in mind, with ergonomic handles and an intuitive design to reduce fatigue during use. Our range is built to resist wear and tear and ensure long life, so you can rely on them for many years to come.



A complete range consisting of the battery-powered line with 20 V platform - F20VRange - and the wired one to meet your application needs.

FB36CS3AS-15M

NEW

CORDLESS SCREWDRIVER WITH BITS

Supplied in a tin box, with 30 bits in a case. USB-C battery charger.



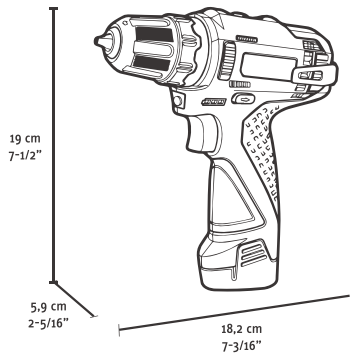
1/4" | Li-ion Battery | Automatic locking | Variable Torque | Reverse Attachment | Soft Grip

Voltage	3,6V
No-load speed	200 min-1
Battery	1,5 Ah
Torque	3 Nm
Shank	1/4"
Drilling output steel	3 mm
Drilling output wood	5 mm
Max screw diameter	4 mm

FB12CD3AS-22B

CORDLESS DRILL - SCREWDRIVER 12V

Automatic spindle lock, Keyless self-tightening chuck, 21 clutch settings, Step speed selection, Electronic speed adjustment, Variable torque, 2 modes: screwdriving and drilling, Reverse rotation, Quick charge, Belt clip, Built-in LED light





Carrying case | Brushless Motor | Electronic Speed | Keyless | Variable Torque | Speed Selector | 2 Functions

No-load speed	0-380 min-1 / 0-1250 min-1
Chuck tightening range	0,8 - 10 mm
Torque	19 / 30 Nm
Drilling output steel	Max 10 mm

Drilling output wood	Max 28 mm
Max screw diameter	6 mm
Battery	2 x 2 Ah, 12 V
Battery charger	2 A, 12 V

Platform

F20VRANGE



High performance brushless motor

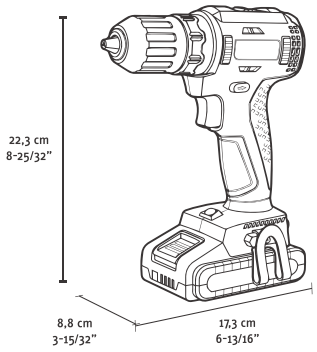
The right range in the right place

Optimized battery cells

FB20CD3AB-

CORDLESS DRILL - SCREWDRIVER 20V

Brushless motor, Automatic spindle lock, Keyless self-tightening chuck, 21 clutch settings, Step speed selection, Electronic speed adjustment, Variable torque, 2 modes: screwdriving and drilling, Reverse rotation, Belt clip, Built-in LED light, Effective motor cooling system



Configuration
FB20CD3AB-24B





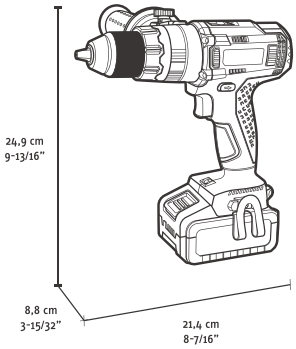
No-load speed	0-420 min-1 / 0-1400 min-1
Chuck tightening range	2-13mm
Torque	35/55Nm
Drilling output steel	Max 13 mm
Drilling output wood	Max 40 mm
Max screw diameter	8mm

Art.	Battery	Battery charger
FB20CD3AB-12B	1 x 2 Ah, 20 V	2 A, 20 V
FB20CD3AB-14B	1 x 4 Ah, 20 V	4 A, 20 V
FB20CD3AB-22B	2 x 2 Ah, 20 V	2 A, 20 V
FB20CD3AB-24B	2 x 4 Ah, 20 V	4 A, 20 V
FB20CD3AB-B	Not included	Not included

FB20ID3AB-

IMPACT DRILL / SCREWDRIVER 20 V

Brushless motor, Automatic spindle lock, Metal keyless self-tightening chuck, 1 clutch settings, Step speed selection, lectronic speed adjustment, Variable torque, 3 modes: screwdriving/drilling/impact drilling, Reverse rotation, Belt clip, Built-in LED light, Large air vents.



Configuration
FB20ID3AB-24B





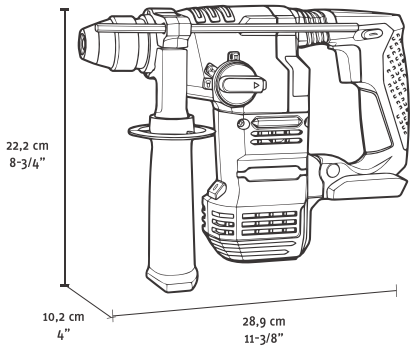
No-load speed	0-550 min-1 / 0-2000 min-1
Impact rate	0-7500 min-1 / 0-30000 min-1
Chuck tightening range	1,5-13mm
Torque	70/75Nm
Drilling output concrete	Max 16 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 40 mm
Max screw diameter	10 mm

Art.	Battery	Battery charger
FB20ID3AB-12B	1 x 2 Ah, 20 V	2 A, 20 V
FB20ID3AB-14B	1 x 4 Ah, 20 V	4 A, 20 V
FB20ID3AB-22B	2 x 2 Ah, 20 V	2 A, 20 V
FB20ID3AB-24B	2 x 4 Ah, 20 V	4 A, 20 V
FB20ID3AB-B	Not included	Not included

FB20RH3AB-

HEAVY ROTARY HAMMER 20 V

Brushless motor, SDS-Plus chuck, Rotation speed stabilization system at both an idle and under load, 3 modes: drilling/impact drilling/chiselling, Vario-lock mode, Anti-vibrations system, Safety clutch to prevent motor damages and overloads, Built-in LED light, Depth stop included



Configuration
FB20RH3AB-24B



Carrying case · SDS PLUS · Brushless Motor · Vario-Lock · Vibration Control · Safety Clutch · 3 Functions

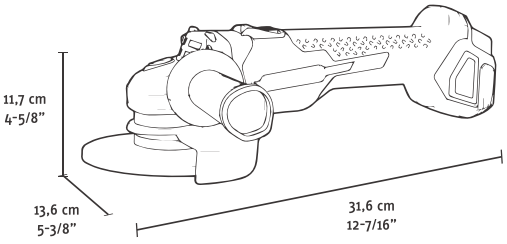
No-load speed	0-1400 min-1
Impact rate	0-4500 min-1
Percussion force	2,3 J
Chuck sizes	SDS-Plus
Drilling output concrete	Max 18 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 20 mm

Art.	Battery	Battery charger
FB20RH3AB-24B	2 x 4 Ah, 20 V	4 A, 20 V
FB20RH3AB-B	Not included	Not included

FB20AG3AB-

ANGLE GRINDER 125MM 20V

Brushless motor, Soft start for increased safety of use, Restart protection, Two-position on/off switch with locking system, Safety clutch to prevent motor damages and overloads, Quick adjustable guard, Soft rubber grip, Metal dust filter on air intake, Small size machine body, Thick soft rubber anti-vibration grip, Large air vents



Configuration
FB20ID3AB-24B



Carrying case · Brushless Motor · Restart Protection · Soft Start · Quick Adjustment · 2-Position Switch

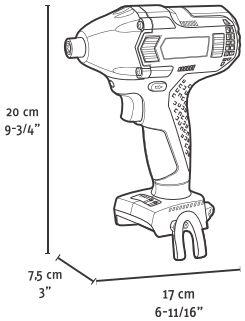
Art.	Battery	Battery charger
FB20AG3AB-12B	1 x 2 Ah, 20 V	2 A, 20 V
FB20AG3AB-14B	1 x 4 Ah, 20 V	4 A, 20 V
FB20AG3AB-22B	2 x 2 Ah, 20 V	2 A, 20 V
FB20AG3AB-24B	2 x 4 Ah, 20 V	4 A, 20 V
FB20AG3AB-B	Not included	Not included

FB20IS3AB-K

IMPACT SCREWDRIVER 20V

Brushless motor, 1/4'' hexagonal tool holder, Electronic speed adjustment, Step speed selection, Reverse rotation, Built-in LED light (4 lights), Belt clip, Variable torque: 35 Nm / 130 Nm / 200 Nm / 260 Nm, Additional anti-vibration hook for 4 Ah battery, Magnesium head for better heat dissipation, Efficient ventilation system for engine cooling.





Box | 1/4" | Brushless Motor | Electronic Speed | Variable Torque | Reverse Attachment | Speed Selector

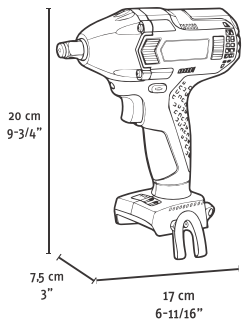
No-load speed	0-2100 min-1
Impact rate	0-3200 min-1
Torque	35 / 130 / 200 / 260 Nm
Tool holder	1/4" hex
Min - max bolt / nut Ø	M12 - M22
Battery	Not included
Battery charger	Not included

FB20IW3AB-K

IMPACT WRENCH 20V

Brushless motor, 1/2'' square tool holder, Electronic speed adjustment, Step speed selection, Reverse rotation, Built-in LED light (4 lights), Belt clip, Variable torque: 35 Nm / 130 Nm / 200 Nm / 300 Nm, Additional anti-vibration hook for 4Ah battery, Magnesium head for better heat dissipation, Efficient ventilation system for engine cooling





Box | 1/2" | Brushless Motor | Electronic Speed | Variable Torque | Reverse Attachment | Speed Selector

No-load speed	0-2100 min-1
Impact rate	0-3200 min-1
Torque	35 / 130 / 200 / 300 Nm
Tool holder	1/2" square
Min - max bolt / nut Ø	M12 - M22
Battery	Not included
Battery charger	Not included

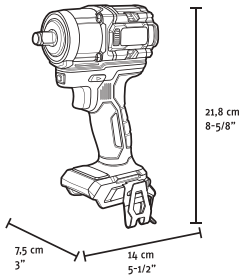
FB20IW6AB-K

NEW

PULSE WRENCH

Brushless motor, 1/2'' square tool holder, Electronic speed adjustment, Step speed selection, Reverse rotation, Built-in LED light (4 lights), Belt clip, Variable torque: 300 Nm / 400 Nm / 500 Nm / 550 Nm, Additional anti-vibration hook for 4Ah battery, Magnesium head for better heat dissipation, Efficient ventilation system for engine cooling





Box | 1/2" | Brushless Motor | Electronic Speed | Variable Torque | Reverse Attachment | Speed Selector

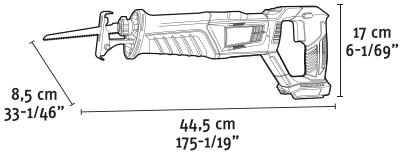
No-load speed	0-2700 min-1
Impact rate	0-3500 min-1
Torque	300 - 400 - 500 - 550 Nm
Tool holder	1/2" square
Min - max bolt / nut Ø	M14 - M28
Battery	Not included
Battery charger	Not included

FB20GS3AB-K

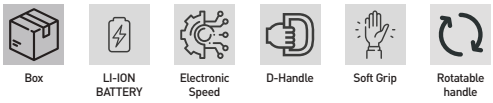
NEW

RECIPROCATING SAW 20V

Electronic speed control, soft D-shaped handle, rotatable handle.







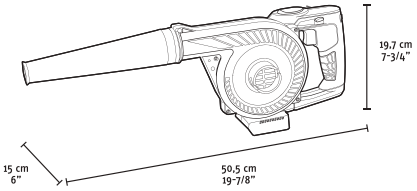
No-load speed	0-2800 min-1
Blade stroke length	26 mm
Cutting depth in wood	115 mm
Cutting depth in steel	5/60 mm (Profile/Pipe)
Battery	Not included
Battery charger	Not included

FB20AM3AB-K

NEW

AIR MOVER

Vacuum cleaner-blower, Variable speed, 2 functions (vacuuming-blowing), Lock-on Soft grip, Vacuum bag included.







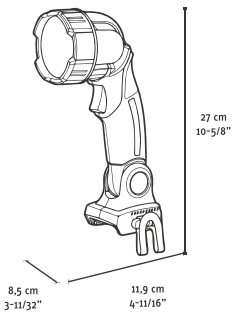
No-load speed	0-18000 min-1
Air stream	2,56 m3/min
Wind speed	63,5 m/s
Battery	Not included
Battery charger	Not included

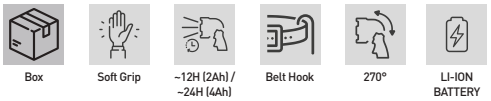
FB20LL3AX-K

WORK LIGHT 20V

270° swivel head, Soft rubber grip, Belt clip, Luminous flux 250 lm.







LED power	3 W
Luminous flux	250 lm
Autonomy	~12 h (2 Ah) / ~24 h (4 Ah)
Battery	Not included
Battery charger	Not included

P. 520

FB20BC3A2-K

BATTERY CHARGER 2A 20V

Compatible with Fervi FB20LB3A2 and FB20LB3A4 batteries.



Box

Power	55 W
Output voltage	20 V
Output current	2 A
Recharging time	60 min. (FB20LB3A2) / 120 min. (FB20LB3A4)

FB20BC3A4-K

CHARGER 4A 20V

Compatible with Fervi FB20LB3A2 and FB20LB3A4 batteries.
Fan-powered vetilated quick charge.



Box

Power	100 W
Output voltage	18 - 20 V Max.
Output current	4 A
Recharging time	35 min. (FB20LB3A2) / 60 min. (FB20LB3A4)

FB20LB3A2-E

BATTERY 2AH 20V

Compatible with all items in the Fervi F20VRange line.
Compatible with Fervi FB20BC3A2 and FB20BC3A4 chargers.



Blister

Battery type	Li-Ion
Voltage	20 V
Capacity	2 Ah
Recharging time	60 min. (FB20BC3A2) / 35 min (FB20BC3A4)

FB20LB3A4-E

BATTERY 4AH 20V

Compatible with all items in the Fervi F20VRange line.
Compatible with Fervi FB20BC3A2 and FB20BC3A4 chargers.



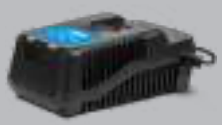
Blister

Battery type	Li-Ion
Voltage	20 V
Capacity	4 Ah
Recharging time	120 min. (FB20BC3A2) / 60 min (FB20BC3A4)

F20VRANGE *Charging Times!*



FB20BC3A2-K
20V - 2Ah



FB20BC3A4-K
20V - 4Ah

FB20LB3A2-E
20V - 2Ah



60 minutes

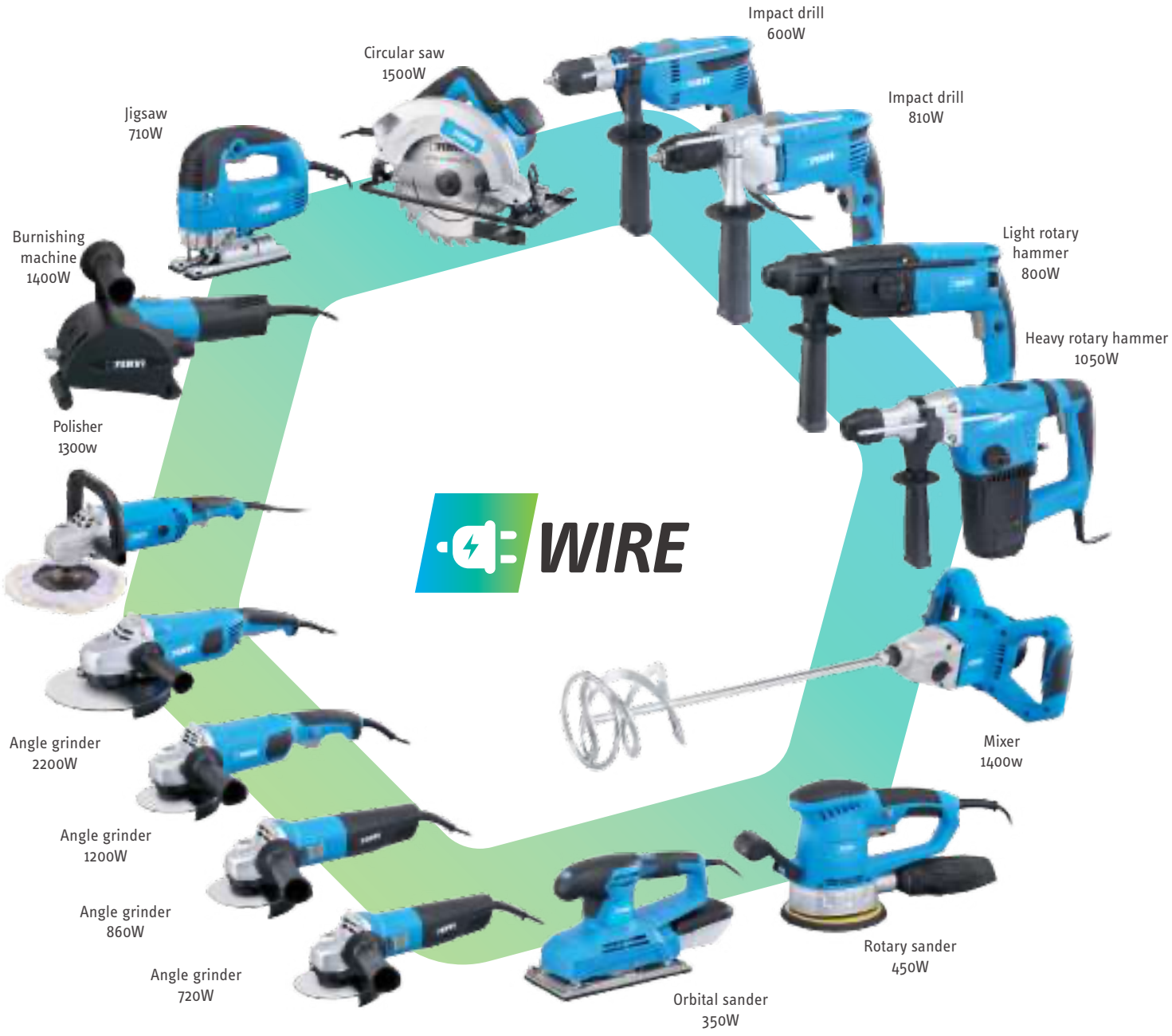
35 minutes

FB20LB3A4-E
20V - 4Ah



120 minutes

60 minutes



High Price/Performance ratio

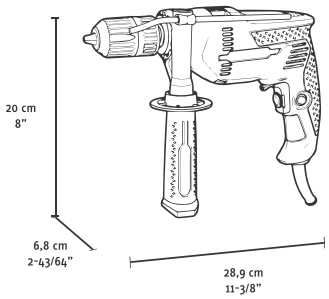
Ergonomics and lightweight

Full line

FFID06003A-K

IMPACT DRILL 600W

2-steps-lock keyless self-tightening chuck, Variable speed, Electronic speed adjustment, 2 modes: drilling / Impact drilling, Reverse rotation, Lock-on function for increased comfort during extended work mode, Non-slip soft rubber grip, Depth stop and additional handle included.





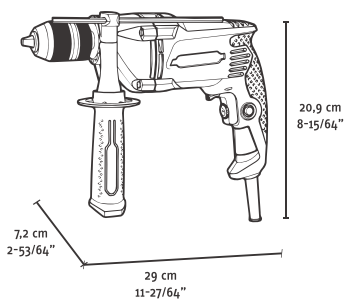
Box | 2 Functions | Variable Speed | Keyless | Electronic Speed | Reverse | Lock-On

Power	600 W
Amperage at 220-230V	2,8 A
No-load speed	0-2800 min-1
Impact rate	0-44800 min-1
Chuck tightening range	2 - 13 mm
Drilling output concrete	Max 13 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 20 mm

FFID08103A-K

IMPACT DRILL 810W

Metal keyless self-tightening chuck, Variable speed, Electronic speed adjustment, 2 modes: drilling / Impact drilling, Reverse rotation, Lock-on function for increased comfort during extended work mode, Non-slip soft rubber grip, Depth stop and additional handle included.





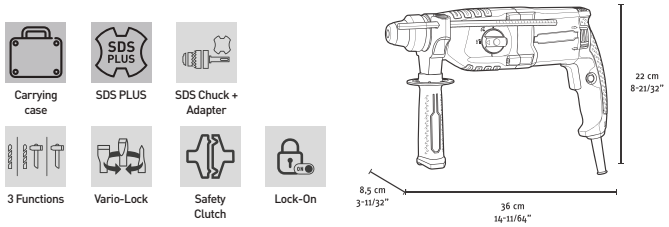
Box | 2 Functions | Variable Speed | Keyless | Electronic Speed | Reverse | Lock-On

Power	810 W
Amperage at 220-230V	3,9 A
No-load speed	0-2800 min-1
Impact rate	0-44800 min-1
Chuck tightening range	2 - 13 mm
Drilling output concrete	Max 16 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 30 mm

FFRH08003A-B

LIGHT ROTARY HAMMER 800W

SDS-Plus chuck, Extra gear rim chuck with SDS-Plus adapter, Electronic speed adjustment, 3 modes: drilling / impact drilling / chiselling, Vario-lock mode, Reverse rotation, Safety clutch to prevent motor damages and overloads, Lock-on function for increased comfort during extended work mode, Soft rubber grip, Depth stop, additional handle, 3 bits, pointed and flat chisels, additional chuck and flange wrench included.



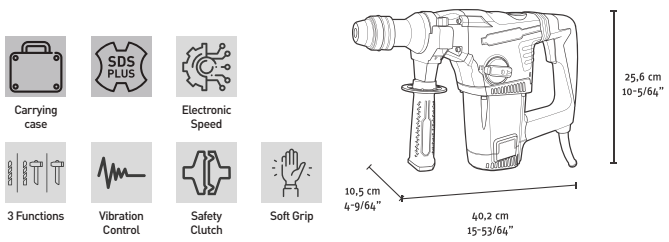


Power	800 W
Amperage at 220-230V	3,8 A
No-load speed	0-1200 min-1
Impact rate	0-5300 min-1
Percussion force	3,4 J
Chuck sizes	SDS-Plus
Drilling output concrete	Max 26 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 40 mm

FFRH10503A-B

HEAVY ROTARY HAMMER 1050W

SDS-Plus chuck, Electronic speed adjustment, 3 modes: drilling / impact drilling / chiselling, Anti-vibrations system, Safety clutch to prevent motor damages and overloads, Soft rubber grip, Depth stop, additional handle, 3 bits, pointed and flat chisels, dust collector, container with lubricant, flange wrench included.





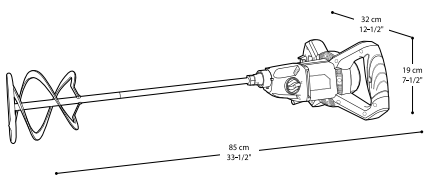
Power	1050 W
Amperage at 220-230V	4,9 A
No-load speed	0-750 min-1
Impact rate	0-2800 min-1
Percussion force	4,8 J
Chuck sizes	SDS-Plus
Drilling output concrete	Max 32 mm
Drilling output steel	Max 13 mm
Drilling output wood	Max 40 mm

FFMI14003V-K

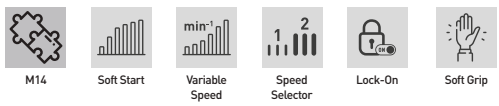
NEW

MIXER 1400W 140MM

M14 thread, Soft start, Variable speed, Speed selector, Lock-on, Soft grip, Mixing tool included.







Power	1400 W
Amperage at 220-230V	6
No-load speed	I 0-480 | II 0-800 min-1
Shank	M14
Max. stirrer paddle diameter	140 mm

FFAG07203A-115K

ANGLE GRINDER 115MM 720W

M14 spindle thread, Soft start, Spindle lock, Restart protection, Two-position on/off slide switch with lock, Small-size soft rubber grip, Motor ECU to avoid rotor and stator overload, Flange wrench, additional handle, protection guard included.



Box · M14 · Soft Start · Arbor Lock · Restart Protection · 2-Position Switch · Soft Grip · Constant Speed

Power	720 W
Amperage at 220-230V	3,3 A
Speed	0-11000 min-1
Shank	M14
Max Ø of cutting disc	115 mm
Max Ø of grinding disc	115 mm
Max Ø of rubber sanding plate	115 mm
Max Ø of circular wire brush	75 mm
Max Ø of cup wire brush	75 mm

FFAG07803A-115K

ANGLE GRINDER 115MM 780W

M14 spindle thread, Soft start, Spindle lock, Restart protection, Two-position on/off slide switch with lock, Small-size soft rubber grip, Motor ECU to avoid rotor and stator overload, Flange wrench, additional handle, protection guard included.



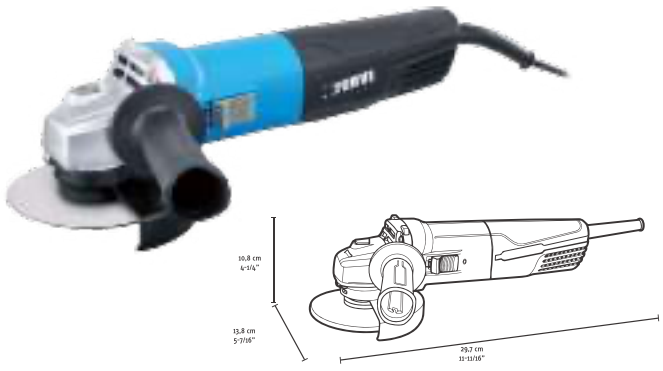
Box · M14 · Soft Start · Arbor Lock · Restart Protection · 2-Position Switch · Soft Grip · Angle grinder

Power	780 W
Amperage at 220-230V	3,4 A
Speed	0-11000 min-1
Shank	M14
Max Ø of cutting disc	115 mm
Max Ø of grinding disc	115 mm
Max Ø of rubber sanding plate	115 mm
Max Ø of circular wire brush	75 mm
Max Ø of cup wire brush	75 mm

FFAG08603A-125K

ANGLE GRINDER 125MM 860W

M14 spindle thread, Soft start, Spindle lock, Restart protection, Two-position on/off slide switch with lock, Small-size soft rubber grip, Motor ECU to avoid rotor and stator overload, Flange wrench, additional handle, protection guard included.



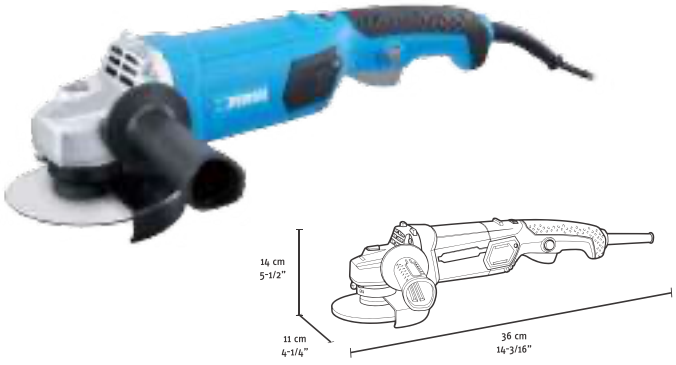
Box · M14 · Soft Start · Arbor Lock · Restart Protection · 2-Position Switch · Soft Grip

Power	860 W
Amperage at 220-230V	3,9 A
Speed	0-11000 min-1
Max Ø of cutting disc	125 mm
Max Ø of grinding disc	125 mm
Max Ø of rubber sanding plate	125 mm
Max Ø of circular wire brush	75 mm
Max Ø of cup wire brush	75 mm

FFAG12003V-125K

ANGLE GRINDER 125MM 1200W

M14 spindle thread, Soft start, Variable speed, Spindle lock, Restart protection, Lock-off function, Small-size soft rubber grip, Large air vents, Quick-access carbon brush inspection compartment, Flange wrench, additional handle, protection guard included.



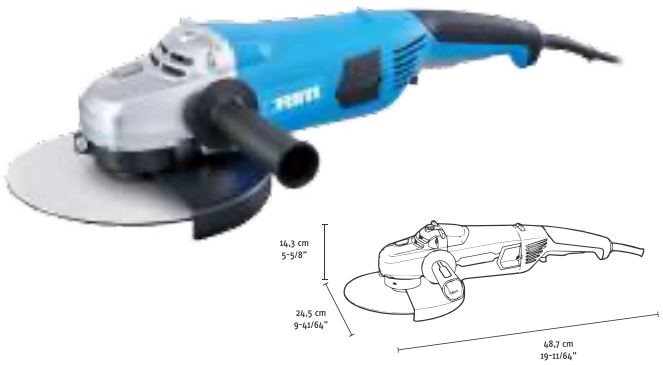
Box · M14 · Soft Start · Variable Speed · Lock-Off · Soft Grip

Power	1200 W
Amperage at 220-230V	5,4 A
Speed	0-11000 min-1
Shank	M14
Max Ø of cutting disc	125 mm
Max Ø of grinding disc	125 mm
Max Ø of rubber sanding plate	125 mm
Max Ø of circular wire brush	75 mm
Max Ø of cup wire brush	75 mm

FFAG22003A-230K

ANGLE GRINDER 230MM 2200W

M14 spindle thread, Soft start, Spindle lock, Restart protection, Lock-off function, Small-size soft rubber grip, Motor ECU to avoid rotor and stator overload, 3-positions additional handle, Large air vents and front airflow, 8 mm rubber cable, Flange wrench, additional handle, protection guard included.



Box · M14 · Soft Start · Arbor Lock · Lock-Off · Soft Grip

Power	2200 W
Amperage at 220-230V	10,0 A
Speed	0-6500 min-1
Shank	M14
Max Ø of cutting disc	230 mm
Max Ø of grinding disc	230 mm
Max Ø of rubber sanding plate	230 mm
Max Ø of circular wire brush	100 mm
Max Ø of cup wire brush	100 mm

FFOP16003V-K

NEW

POLISHER 1300W 150MM

M14 thread, Velcro system, Lock-on, Shaft lock, Constant speed, Variable speed, Soft backing pad, Velcro backing pad, wool cloth and Velcro abrasive disc included.



Box · M14 · Velcro System · Lock-On · Arbor Lock · Constant Speed · Variable Speed

Power	1300 W
Amperage at 220-230V	6,5 A
Speed	400 - 3000 min-1
Shank	M14
Max Ø of rubber sanding plate	180 mm

FFSF14003A-110K

BURNISHING MACHINE 110 MM 1400 KW

Variable speed, Rotation speed stabilization system at both an idle and under load, Soft start, Spindle lock, Restart protection, Two-position on/off switch with locking system, Brush depth adjustment system with protective casing, Additional handle, protective casing, vacuum cleaner adapter, allen key included.



Box · Variable Speed · Constant Speed · Arbor Lock · 2-Position Switch · Soft Start

Power	1400 W
Amperage at 220-230V	6,6 A
Speed	1000-4000 min-1
Spindle diameter	19 mm
Max Ø of brush	110 mm
Max width of brush	100 mm

FFJS07103A-K

JIGSAW 710 KW

Stroke rate regulation, Angular adjustment, 4-stage pendulum, Saw blade quick change with blade defense, Lock-on function, Metal gears, Front airflow for a cleaner cut, Ideal for plunge cuts, Saw blade, wing screw for guide bar, locating pin, allen key, guide for parallel / circle cutting included.



Box · Variable Speed · 4-Mode Pendulum · Angle Adjustment · Easy Replacement · Lock-On

Power	710 W
Amperage at 220-230V	3,1 A
Stroke rate at no-load	700-3000 min-1
Stroke length	26 mm
Cutting depth in wood	85 mm
Cutting depth in aluminium	20 mm
Cutting depth in steel	10 mm
Cutting angle	Max +45° / -45°



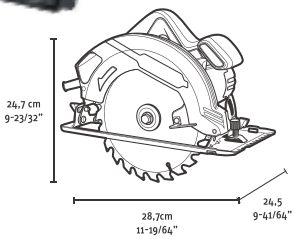
FFCS15003A-190K

CIRCULAR SAW 1500 KW

Cutting depth adjustment, Angular adjustment, Lock-off function, Dust extraction system with exhaust pipe, Operator protection, Soft rubber grip, Blade, wrench, parallel guide included.



Box · Angle Adjustment · Lock-Off · Depth Adjustment · Dust Extraction



Power	1500 W
Amperage at 220-230V	6,8 A
No-load speed	5500 min-1
Min / max Ø blade	185 / 190 mm
Hole diameter	20 mm
Blade thickness	2 mm
Cutting Depth	Max 66 mm (90°) / 46 mm (45°)

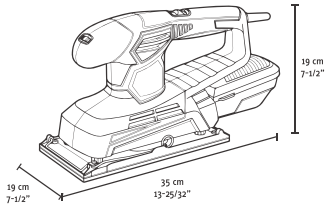
FFOS03503A-K

ORBITAL SANDER 350W

Clamp-lever fixing system, Variable speed, Dust extraction system with container / compatible with vacuum cleaner, Rear soft rubber D-handle, Filter cleaning system, 3 pcs sandpaper and dust container included.



Box · Soft Grip · Belt Hook · Variable Speed · D-Handle · Dust Extraction



Power	350 W
Amperage at 220-230V	1,5 A
No-load speed	6000-11000 min-1
No-load oscillation rate	12000-22000 min-1
Eccentricity	2,5 mm
Sanding paper size	115 x 280 mm
Sanding surface size	115 x 230 mm

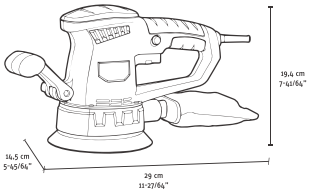
FFRS04503A-150K

ROTARY SANDER 150MM 450W

Velcro fixing system, Variable speed, Lock-on function for increased comfort during extended work mode, Dust extraction system with bag / compatible with vacuum cleaner, Rear soft rubber D-handle, Adjustable front handle, 3 pcs sandpaper (grit 60, 80, 120) and dust bag included.



Box · Soft Grip · Velcro System · Variable Speed · D-Handle · Lock-On · Dust Extraction



Power	450 W
Amperage at 220-230V	1,9 A
No-load speed	4000 min-1 / 13000 min-1
No-load oscillation rate	8000-26000 min-1
Eccentricity	2 mm
Sanding plate Ø	150 mm
Holes	8

0149

HEAVY DUTY STAPLE GUN TACKER

With 500 staples and 500 nails.



Blister

F585

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 - 15 / 50 mm
Staples	90 - 10 / 40 mm
Air inlet	1/4"
Net weight	1,4 kg

C586

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

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

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

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

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

C589

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

0588/6

AIR BRADDER FOR MINI PINS



Carrying case

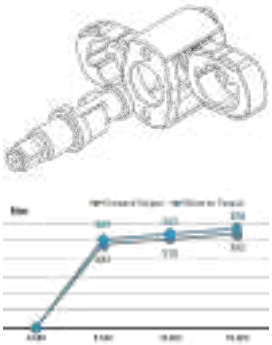
Loader capacity	130
Working pressure	5 - 7 bar
Dimensions	225 x 170 x 45 mm
Staples	0,60 - 12 / 30 mm
Air inlet	1/4"
Net weight	1 kg



AP01

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.





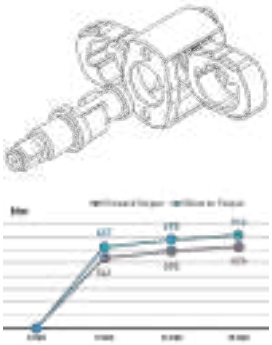
Box 3/8"

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

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.





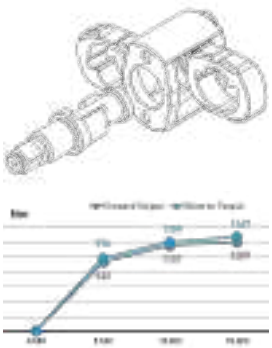
Box 1/2"

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

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.





PLAY

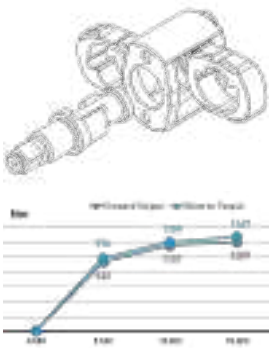
Box 1/2"

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

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

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

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

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



0571

AIR IMPACT WRENCH





Box | 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

AIR IMPACT WRENCH





Box | 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

AIR IMPACT WRENCH





Box | 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

AIR IMPACT WRENCH SET

With 10 wrenches, a wrench extension, ¼" nozzle.





13 Pcs | Box | 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

AIR IMPACT WRENCH





Box | 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

AIR IMPACT WRENCH





Box | 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

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

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	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

0050

AIR DIE GRINDER SET

Collet 3mm and 6mm, revolving rear air outlet, body frame made from composite material.



13 Pcs

Carrying case

Pliers	Ø 3 mm - Ø 6 mm
Mounted stone	10 Pcs
Speed	25000 rpm
Avg air cons.	4 SCFM (120 L/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	1,2 kg

0416

90° 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	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

LONG TYPE 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
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

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

0339

REVERSIBLE AIR DRILL

Gear rim chuck.



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

3/8" REVERSIBLE AIR DRILL

Keyless chuck.



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

0047

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

0046

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

0313

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

0644

PNEUMATIC AXIAL GRINDING WHEEL



Carrying case

Saw blade	Ø 75 x 1,5 x Ø 10 mm
Speed	15000 rpm
Avg air cons.	5 SCFM (150 L/min)
Working pressure	6 bar / 90 psi
Air inlet	1/4"
Net weight	0,7 kg

0419

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

6" AIR ORBIT SANDER WITH SELF-INTEGRATED SUCTION

Speed adjustment, rotating rear air exhaust, aluminum body, and soft, ergonomic handle. Suction tube and dust collection 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

6" AIR ORBIT SANDER WITH SUCTION

Speed adjustment, hook-and-loop pad support, rotating rear air exhaust, lightweight aluminum body with a soft, ergonomic handle.



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

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

0641

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

AIR BELT SANDER

With spare belts. Light metal body.



Box

Speed	18000 rpm
Avg air cons.	4 SCFM (113 L/min)
Working pressure	6 bar / 90 psi
Belt	10 x 330 mm
Air inlet	1/4"
Net weight	0,75 kg

0059

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

OILER

For pneumatic tools.



Blister 1/4"

W021PA

BLOW GUN



Blister Alu Aluminum

Nozzle	2.0 mm
Working pressure	2 - 6 bar
Air inlet	1/4"

W021PN

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"

W021PG

TYRE INFLATING GUN



Blister Alu 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"



0607

BLOW GUN



Blister | Alu Aluminum

Nozzle	2 mm
Working pressure	4 - 6 bar
Air inlet	1/4"

0125

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
Air inlet	1/4"

0608

TYRE INFLATING GUN



Blister

Manometer	Ø 63 mm
Reading	0÷12 bar | 0÷174 psi
Rubber hose length	420 mm
Air inlet	German-type rapid

0610

WASHING GUN



Box

Capacity	1000 cc
Air inlet	1/4"

0609

TYRE INFLATING GUN

Tube length 1 m.



Box

Manometer	Ø 70 mm
Reading	0÷12 bar | 0÷174 psi
Rubber hose length	1000 mm
Air inlet	1/4"

0725

BLOW GUN



Blister

Hose length	100 mm
Air inlet	1/4"

0725L

LONG NOSE BLOW GUN



Blister

Hose length	275 mm
Air inlet	1/4"

0412

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

GRAVITY FEED SPRAY GUN

600 ml 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	Ø 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

GRAVITY FEED SPRAY GUN

100 ml 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	Ø 1 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

GRAVITY FEED SPRAY GUN

600 ml 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	Ø 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

SUCTION SPRAY GUN

1000 ml 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 diameter	Ø 1,4mm
Capacity	1000 cc
Working pressure	2,5 - 3 bar
Air inlet	1/4"
Net weight	1,1 kg

A601A

GRAVITY FEED SPRAY GUN

600 ml 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 diameter	Ø 1,4mm
Capacity	600 cc
Working pressure	2,5 - 3,5 bar
Air inlet	1/4"
Net weight	1 kg

A602A

GRAVITY FEED SPRAY GUN

100 ml 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 diameter	Ø 1,0mm
Capacity	100 cc
Working pressure	2 - 2,5 bar
Air inlet	1/4"
Net weight	0,5 kg

A901A

GRAVITY FEED SPRAY GUN

600 ml 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	Ø 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

GRAVITY FEED SPRAY GUN

100 ml 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	Ø 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

SPRAY GUN WITH FLUID CUP PROVIDED WITH BAYONET LOCK

Aluminum cover.



Box · Alu (Aluminum)

Nozzle diameter	Ø 1,8 mm
Capacity	1000 cc
Working pressure	4 - 8 bar
Avg air cons.	100-200 L/min
Air inlet	1/4"
Net weight	0,9 kg

A162C

SPRAY GUN WITH FLUID CUP PROVIDED WITH RAPID LOCK

Aluminum cover.



Box · Alu (Aluminum)

Nozzle diameter	Ø 1,8 mm
Capacity	1000 cc
Working pressure	4 - 8 bar
Avg air cons.	100-200 L/min
Air inlet	1/4"
Net weight	0,8 kg

A162A

SPRAY GUN WITH GRAVITY FLOW CUP



Box

Nozzle diameter	Ø 1,8 mm
Capacity	500 cc
Working pressure	4 - 8 bar
Avg air cons.	100-200 L/min
Net weight	0,5 kg

0048

MINI SPRAY GUN

Fitting for pressurized air container and 1/4" fitting for air compressor.



7 Pcs · Box

TH250

PRESSURE REGULATOR

With gauge for air tools.



Blister

Manometer	Ø 40 mm
Reading	0÷11 bar | 0÷160 psi

TH500

PRESSURE REGULATOR

With gauge for air tools.



Blister

Manometer	Ø 30 mm
Reading	0÷10 bar | 0÷145 psi

0777/2

REDUCER WITH GAUGE AND FILTER



Shank	1/4" - 3/8" - 1/2"
Reading	0÷10 bar | 0÷140 psi

0777/3

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

Art.	Shank
0785/1M	1/4"
0785/2M	3/8"



0785-XF

SET 2 PCS UNIVERSAL FEMALE QUICK COUPLER

Art.	Shank
0785/1F	1/4"
0785/2F	3/8"



0783-XM

SET 2 PCS OF GERMAN TYPE MALE PLUG

Art.	Shank
0783/1M	1/4"
0783/2M	3/8"



0783-XF

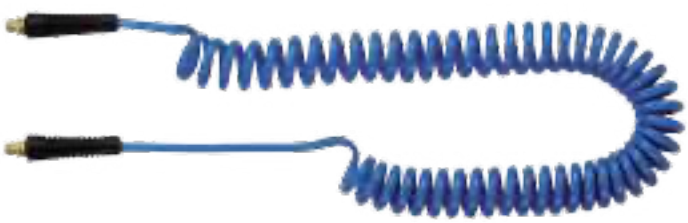
2 PCS SET GERMAN TYPE FEMALE PLUG

Art.	Shank
0783/1F	1/4"
0783/2F	3/8"



S075-

POLYURETHANE SPIRAL HOSE WITH SWIVEL MALE FITTING



Art.	Length	Diameter	Thread
S075/08X5	7,5 m	Ø 8 x 5 mm	1/4"
S075/10X6.5	7,5 m	Ø 10 x 6,5 mm	1/4"
S100/08X5	10 m	Ø 8 x 5 mm	1/4"
S100/10X6.5	10 m	Ø 10 x 6,5 mm	1/4"
S100/12X8	10 m	Ø 12 x 8 mm	1/4"

A481/10

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.



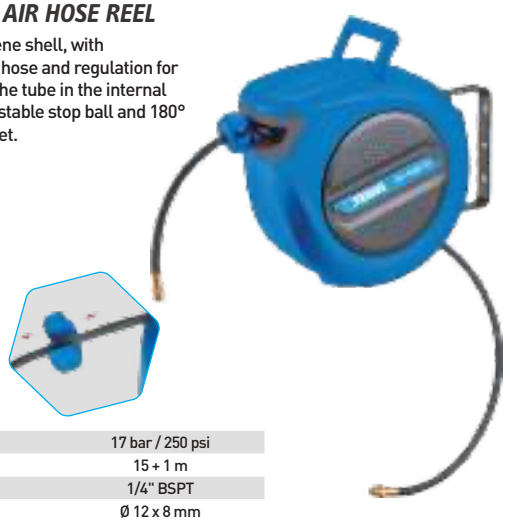
Box | PP Polyprop.

Max. pressure	17 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	2,65 kg

A481/15

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	17 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	4,1 kg

A481/15H

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	17 bar / 250 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

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	17 bar / 250 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	9,5 kg

0378/1510

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

B481/20

NEW

AUTO REWIND INDUSTRIAL AIR HOSE REEL

Sturdy industrial steel frame, reinforced polyurethane hybrid tube, height-adjustable arm with anti-tangle system, tool-free adjustable stop ball.



Box | Steel

Max. pressure	16 bar / 230 psi
Hose length	20 m
Male Fitting	1/4" BSPT
Hose diameter	Ø 9,5 x 15 mm
Working temperature	0 ÷ 45°C
Net weight	11,3 kg

0793

WOOD-BURNING PEN SET WITH 6 PINS OF DIFFERENT SHAPE



7 Pcs Blister

Power	230 V 50 Hz 30 W

0033A

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

0031

HIGH PRECISION TEMPERATURE -CONTROLLED SOLDERING IRON STATION

Adjustable temperature 150°C - 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

0027/30W

SOLDERING IRON



Blister

Power	230 V 50 Hz 30 W
Working temperature	450°C ± 10%

0027/40W

SOLDERING IRON



Blister

Power	230 V 50 Hz 40 W
Working temperature	450°C ± 10%

0033A/TIP

SOLDERING IRON TIP SET



4 Pcs Hangable

0027/40W/TIP

SOLDERING IRON TIP SET



4 Pcs Hangable

0037

SOLDERING IRON COMBINATION SET



Blister

Power	230 V 50 Hz 30 W

0037/TIP

SOLDERING IRON SPARE PART TIP

Set of tips with hole ø 6mm.



5 Pcs Hangable

0864

GAS SOLDERING IRON

Tip and solder heads with protection cap and gas igniter.



Blister

Dimensions	130 x 23 mm
Capacity	8 ml

0026

SOLDERING GUN

With tin and a spare pointer.



Blister

Power	230 V 50 Hz 100 W

0443

FAST HEATING SOLDERING GUN

With adjustable temperature.



Carrying case

Power	230 V 50 Hz 200 W
Temperature	70 °C ÷ 500 °C

0024

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

HOT AIR GUN SET

At 2 temperatures, with spatula, scrapers and diffusers.



10 Pcs

Carrying case

Temperature	350 °C - 550 °C
Air stream	300 l/min - 500 l/min
Power	230 V 50 Hz 1 - 2 kW

0444

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 2 kW
Temperature	I 50°C - II 70°C ÷ 600°C - III 70°C ÷ 600°C
Air stream	I 300L/min - II 300L/min - III 500L/min

0865

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 2 kW
Temperature	600° C

0441

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

HOT KNIFE FOR POLYSTYRENE WITH ADJUSTABLE TEMPERATURE

For polystyrene, plastic, foam and sponge, adjustable cutting length.



Box

Power	230 V 50 Hz 130 W
Temperature	Max 450 °C
Cutting capacity with adjustment	14 ÷ 97 mm
Max cut	120 mm

0333/150

SPARE BLADE

For item 0333.



0333

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

GLUE GUN TRIGGER FEED



Carrying case

Power	230 V 40 W 300 °C
Glue stick	Ø 12 mm

0431

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

0034

HOT MELT GLUE STICKS



10 Pcs Blister

Dimensions	Ø 12 x 200 mm Tot. 200 gr

0071

HOT MELT GLUE STICKS



10 Pcs Blister

Dimensions	Ø 12 x 200 mm Tot. 200 gr

0156-

FLEXIBLE OIL-CAN



Art.	Capacity
0156/200	280 ml
0156/500	560 ml

0158/500

OILER WITH FLEXIBLE SPOUT



Plastic

made in Italy

Capacity	500 ml

0164/250

OILER WITH VERTICAL FLEXIBLE SPOUT



Plastic

made in Italy

Capacity	250 ml

0473-

OIL DRAIN PAN

With pouring spout and handles, made of high density polyethylene, impact resistant.



Art.	Capacity	Dimensions
0473/10	10 l	Ø 400 x 120h mm
0473/15	15 l	Ø 500 x 130h mm

0171-

MEASURING JUG

With flexible spout, screw cover and anti-dripping end cap.



Plastic

Art.	Capacity
0171/2	2 l
0171/3	3 l
0171/5	5 l

0183/750

PLASTIC CAN WITH SPOUT



Plastic

made in Italy

Capacity	750 ml

0172/150

PLASTIC FUNNEL

Closing screw, flexible spout, anti-dripping top/end covers and upper handle for the hanging.



Plastic

Diameter	Ø 150 mm
Height	435 mm



0677/500

500 CC HAND OPERATED LEVER GREASE GUN

Composed of metal tank and pump, coupler and 300 mm PVC flexible hose, for using with loose grease or Ø 53 mm grease cartridges.



Box

Capacity	500 cc
Flexible hose sizes	Ø 8 x 300 mm

0677

1000 CC 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

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
Max. pressure	10 bar

0677/500CG

GREASE CARTRIDGE

Based on lithium soap, dropping point> 185 ° C, resistant to high loads.



Box

Capacity	500 cc
Dimensions	Ø 53mm
Working temperature	-20°C | +130°C
Net weight	400 g

0677/CG

GREASE CARTRIDGE

Based on lithium soap, dropping point> 185 ° C, resistant to high loads



Box

Capacity	650 cc
Dimensions	Ø 55 mm
Working temperature	-20°C | +130°C
Net weight	600 g

0677/SO

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: 3-4%, deep drilling: 4-7%, threading, tapping and light stamping: 7-15%.



made in italy

Art.	Quantity
G030/01	1 l
G030/05	5 l
G030/25	25 l

S401/00

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

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

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

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

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

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.



made in italy

Capacity	400 ml

S401/06

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.



made in italy

Capacity	400 ml

S401/08

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.



made in italy

Capacity	400 ml

S401/09

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.



made in italy

Capacity	400 ml

S401/10

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.



made in italy

Capacity	400 ml

S401/11

AIR CLEAN

It removes dust even from lesser accessible parts. It is a must for cleaning lenses, objectives, computers and any kind of mechanism.



made in italy

Capacity	400 ml

S401/12

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

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

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

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

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

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	Dimensions	Net weight
0660/05	5 l	260 x 120 x 250h mm	0,5 kg
0660/10	10 l	330 x 160 x 300h mm	0,7 kg
0660/20	20 l	400 x 200 x 360h mm	1 kg

0189-

METAL FUEL TANK

With flexible filler, "UN" certified according to european directives.



Art.	Capacity	Net weight
0189/05C	5 l	1,5 kg
0189/10C	10 l	2,5 kg
0189/20C	20 l	3,7 kg

0189/G

METAL POURING SPOUT



10 Pcs

0194

METAL POURING SPOUT



5 Pcs

0356

TROLLEY PRESSURE SPRAYER WITH BRASS LANCE PIPE

With FPM gaskets.



Box

Capacity	16 l

0303

PRESSURE SPRAYER WITH BRASS LANCE PIPE

With gauge and FPM gaskets.



Box

Capacity	8 l

0274

PRESSURE SPRAYER WITH BRASS NOZZLE

With FPM (Viton) gaskets.



Capacity	2 l

0289

PRESSURE SPRAYER WITH BRASS NOZZLE

Rubber gaskets.



Capacity	2 l

P024/06

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	0,10 l
Pump thread	2" / 1-1/2"

0386

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"

0385

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"



0474/PP

PVC DIESEL GUN



Box

Capacity	60÷80 l/min
Nozzle	Ø 25 mm
Inlet thread	1" BSP

0474/PE

NOZZLE OIL GUN

With swivel connector.



Box Alu Aluminum

Capacity	60÷120 l/min
Nozzle	Ø 25 mm
Inlet thread	1" BSP

0474/PA

AUTOMATIC DIESEL GUN

With swivel connector.



Box

Capacity	90 l/min
Nozzle	Ø 25 mm
Inlet thread	1" BSP



0272

DRILL PUMP

For no flammable, explosive, corrosive and oily liquid. Suitable use for rack spindles.



Blister Plastic

Hydraulic head	30 m
Pump capacity	40 l/min
Max. pressure	0,3 MPa
Max speed	3400 rpm
Max temperature	40°C
Hose diameter	19 mm | 3/4"

0755

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

R60XA

TRIPOD ELECTRIC RADIANT INFRARED HEATER

Metal housing, with net-cover.



PLAY

Box IP20

Art.	Power	Tripod height without heaters	Cable	Cable length
R609A	230 V - 1,3 kW	600 ÷ 1500 mm	3 x 1,5 mm2 H07RN-F	3 m
R610A	230 V - 2 kW	600 ÷ 1500 mm	3 x 1,5 mm2 H07RN-F	3 m

T609

ADJUSTABLE HEIGHT TRIPOD

Suitable for light, heater.



Box

Height	600 ÷ 1500 mm
Upper fixing	M 8

R609

INFRARED HEATER

With support for wall mounting metal housing, with net-cover.



Box IP20

Power	230 V - 1,3 kW
Cable	3 x 1,5 mm2 H07RN-F
Cable length	3 m

R610

INFRARED HEATER

With support for wall mounting metal housing, with net-cover.



Box IP20

Power	230 V - 2 kW
Cable	3 x 1,5 mm2 H07RN-F
Cable length	3 m

R60XB

ELECTRIC RADIANT INFRARED HEATER WITH STAND

Metal housing, with metal net-cover.



PLAY

Box IP20

Art.	Power	Cable	Cable length
R609B	230 V - 1,3 kW	3 x 1,5 mm2 H07RN-F	1,1 m
R610B	230 V - 2 kW	3 x 1,5 mm2 H07RN-F	1,1 m

B609

INFRARED BULB

Box

Power	230 V - 1,3 kW
Length	250 mm

B610

INFRARED BULB

Box

Power	230 V - 2 kW
Length	340 mm

0218-

LED FLOODLIGHTS

Aluminium super slim die-cast housing, tempered glass.



Box Alu Aluminum IP65

Art.	Power	Luminous flux	Colour temperature	LED number	Cable	Dimensions
0218/10	230 V 50 Hz 10 W	800 lm	4000 K	15 SMD LED	30 cm, H05RN-F 3 x 1 mm²	150 x 95 mm
0218/20	230 V 50 Hz 20 W	1600 lm	4000 K	28 SMD LED	30 cm, H05RN-F 3 x 1 mm² mm	145 x 120 mm
0218/30	230 V 50 Hz 30 W	2400 lm	4000 K	42 SMD LED	30 cm, H05RN-F 3 x 1 mm² mm	180 x 150 mm
0218/50	230 V 50 Hz 50 W	4000 lm	4000 K	56 SMD LED	30 cm, H05RN-F 3 x 1 mm²	210 x 180 mm

0218-XB

LED FLOODLIGHT WITH STAND

Aluminium super slim die-cast housing, tempered glass.



Box Alu Aluminum IP65

Art.	Power	Luminous flux	Colour temperature	Cable
0218/10B	230 V 50 Hz 10 W	800 lm	4000 K	2 m, 3 x 1 mm² H05VV-F
0218/20B	230 V 50 Hz 20 W	1600 lm	4000 K	2 m, 3 x 1 mm² H05VV-F
0218/30B	230 V 50 Hz 30 W	2400 lm	4000 K	2 m, 3 x 1 mm² H05VV-F
0218/50B	230 V 50 Hz 50 W	4000 lm	4000 K	2 m, 3 x 1 mm² H05VV-F

0218-XS

LED FLOODLIGHT WITH MOTION AND BRIGHTNESS SENSOR

Aluminium super slim die-cast housing, tempered glass.



Box Alu Aluminum IP54

Art.	Power	Luminous flux	Colour temperature	Cable
0218/10S	230 V 50 Hz 10 W	800 lm	4000 K	30 cm, 3 x 1 mm² H05VV-F
0218/20S	230 V 50 Hz 20 W	1600 lm	4000 K	30 cm, 3 x 1 mm² H05VV-F
0218/30S	230 V 50 Hz 30 W	2400 lm	4000 K	30 cm, 3 x 1 mm² H05VV-F
0218/50S	230 V 50 Hz 50 W	4000 lm	4000 K	30 cm, 3 x 1 mm² H05VV-F

0343

FLEXIBLE ARM LAMP



Box IP20

Power	230 V 50 Hz
Bulb	Max 40 W, E27 not included
Range of action	800 mm
Clamp capacity	35 mm

0366

56 LED MAGNIFIER LAMP

With lense.



Box IP20

Power	230 V 50 Hz 9 W
Magnification	2x
Luminous flux	600 lm
Colour temperature	6500 K
Lens	Ø 120 mm
Range of action	810 mm
Clamp capacity	70 mm

0530

LED LAMP

With lens.



Box

Power	230 V 50 Hz 22 W
Magnification	3x
Lens	Ø 120 mm
Range of action	810 mm
Clamp capacity	70 mm
Luminous flux	1000lm

0530A

LED LAMP

With lens.



Box

Power	250 V 50 Hz 11 W
Magnification	3x
Lens	Ø 127 mm
Clamp capacity	75 mm
Luminous flux	1000 lm
Colour temperature	6000 K

0891A

LED LAMP

With two lenses, dimmable touch buttons, 6 UV Led lights and a super bright and adjustable light point. Lifetime up to 25,000 hours.



Power	250 V 50 Hz 11 W
Magnification	2x + 6x
Lens	Ø 138 mm
Clamp capacity	75 mm
Luminous flux	1000 lm
Colour temperature	6000 K

0516

LOW CONSUMPTION LAMP

With lens.



Box

Power	230 V 50 Hz 2 x 9 W
Magnification	2x
Lens	190 x 157 mm
Range of action	810 mm
Clamp capacity	70 mm
Luminous flux	1000 lm

0344

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 of action	800 mm
Clamp capacity	35 mm

0661

TABLE LAMP

With lens.



Box

Power	230 V 50 Hz 11 W
Magnification	2x
Lens	Ø 89 mm

0625

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 x 1,5V AAA

0659

CRYSTAL LENS SET



12 Pcs Expositor

Contents	Magnifications		
3 Pcs ø 50	3x - 10x mm	3 Pcs ø 75	3x - 8x mm
3 Pcs ø 60	3x - 8x mm	3 Pcs ø 90	3x - 8x mm

L006

LED MAGNIFIER



Box

Lens	50 x 50 mm
Magnification	3x
LED	5 - 9000 mcd
LED	1
Battery	4 Ag10
Pack	10

0437

HIGH POWERFUL LED TORCH

Long range, distance capacity more than 150 m, long life.



Box

Not included batteries	4 C
LED power	3 W
Autonomy	25 h / 100 %

0482/3

HEAD LAMP WITH SENSOR

Switch on and off function by passing the hand in front of the lamp.

PLAY



Box

LED	3 W COB
Luminous flux	Max 300 lm
Colour temperature	6500 K
Battery	3.7 V 1500 mAh Li-ion
Autonomy	4 h
Recharging time	3 h

0493/1

LED HEADLIGHT

80 lm, 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

LED HEADLIGHT

120 lm, 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

10 + 1 LED MAGNETIC WORK LIGHT

With rotating head, Led on the top and front with 2 brightness levels.

Alu

Blister Aluminum IP20



Luminous flux	50 - 300 lm
Colour temperature	6500 K
Not included batteries	3 AAA
Tilting head	180°
Revolution	180°
Dimensions	35 x 330 mm

0128A

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.



Expositor | ABS

Sizes	174 x 43 x 22 mm
Luminous flux	140 lm
Not included batteries	3 x AAA

0671/1P

WHITE LED FLASHLIGHT WITH EXTRA BRIGHTNESS



Blister | Aluminum | IP44

Not included batteries	2 AAA
LED number	1 - 9000 mcd
Sizes	Ø 12,5 x 141 mm

0787

ALUMINUM TORCH



Blister | Aluminum

Not included batteries	2 C
LED number	8 LED 11000 mcd
Sizes	Ø 48,5 x 31 x 215 mm

0492

LED FLASHLIGHT WITH TELESCOPIC MAGNET



Expositor | Aluminum

Button batteries	4 x 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

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

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

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

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 | Aluminum

Battery	1 li-ion 3.7V/ 1800 mAh
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

RECHARGEABLE LED LIGHT WITH MAGNET

With battery charger 12 Vdc and 230 Vac, 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
Luminous flux	300 + 100 lm

0889

RECHARGEABLE LED LIGHT WITH MAGNET

With battery charger 12 Vdc and 230 Vac, 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
Luminous flux	400 + 150 lm

0693A

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	4 h
Autonomy	4,5 h Eco mode
Working temperature	-10°C÷ 40°C

0401

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

MULTIFUNCTION USB RECHARGEABLE LED LIGHT

Equipped with a front LED flashlight with various brightness levels, and white and red LEDs on the sides with flashing function. USB charging cable and power adapter. Charging and charging status LEDs. Can be charged directly from your computer. IPX4 rated.



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

G900

CAMPING LANTERN



Box ABS

Dimensions	Ø 60 x 160 mm
Intensity	150 lm
Not included batteries	3 x AA

L008

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.



PLAY

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





0342

PORTABLE NEON LAMP WITH HOOK



Blister

IP20

Power	230 V 50 Hz 8 W
Dimensions	Ø 31 x 435 mm
Cable	5 m

0900

MULTI PORTABLE MAGNETIC LED LIGHT

COB Led portable lamp made in impact-resistant ABS. The ledlamp is 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

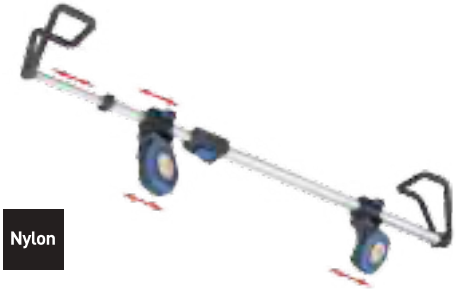
Aluminum

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

MAGNETIC LED LAMP WITH EXTENDABLE UNDERCABINET STAND

The under-hood lamp consists of two magnetic, 360-degree rotatable Cob Led light points for a maximum of 2800 lumens (1400 lm + 1400 lm) and an extendable bar up to 2100 mm to fit any type of hood.



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

0429

WORKING LAMP HOLDER WITH 5M POWER CORD

Without on/off switch, max 60 W for incandescent lamps, E27 screw cup bulb, voltage range 12 ÷ 230 V; bulb not included.



Hangable

IP54

Cable length	5 m
Screw cup bulb	E27
Voltage	230 V

0428

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 1 mm²
Screw cup bulb	E27
Voltage	12 ÷ 230 V

E481/20P

NEW

AUTO REWIND CABLE REEL WITH SOCKET

Supplied with Schuko socket and overload protection system.



Box

PP

Polyprop.

Cable length	20 + 2 m
Cable type	H05VV-F 3G1.5mm²
Power	12 V ÷ 250 V (50 Hz)
Max power for rolled cable	1 kW
Max power for unrolled cable	2,5 kW
Power outlet	Schuko
Net weight	6 kg

E481/20

NEW

AUTO REWIND CABLE REEL WITHOUT SOCKET

With overload protection system.



Box

PP

Polyprop.

Cable length	20 + 2 m
Cable type	H05VV-F 3G1.5mm²
Power	12 V ÷ 250 V (50 Hz)
Max power for rolled cable	1 kW
Max power for unrolled cable	2,5 kW
Net weight	6 kg

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 1,2 kW, max. Power with unrolled cable 3,4 kW.



Box

Art.	Cable length	Section	Drum
A010/10	10 m	3 x 1,5 mm²	Ø 200 mm
A010/20	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 1,1 kW, max. Power with unrolled cable 3,2 kW.



Box

Art.	Cable length	Section	Drum
A010/15	15 m	3 x 1,5 mm²	Ø 190 mm
A010/25	25 m	3 x 1,5 mm²	Ø 240 mm
A010/50	50 m	3 x 1,5 mm²	Ø 310 mm

A010/30

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 5 kW, max. power with unrolled cord 11 kW.



Box

Power	230 V
Cable length	30 m
Section	3 x 2,5 mm²
Drum	Ø 340 mm

A010/30T

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 5 kW, max. Power with unrolled cord 11 kW.



Box

Power	400 V
Cable length	30 m
Section	4 x 2,5 mm²
Drum	Ø 340 mm


FERVI

fervi.com

FERVI 48

THE CATALOGUE

THE CATALOGUE FOR
MRO PROFESSIONALS
(MAINTENANCE, REPAIR
AND OPERATIONS)


0
10
20
30
40
50
60

CALIPERS, HEIGHT GAUGE AND RULERS

p. 564 Digital calipers
p. 565 Calipers with dial gauge
p. 565 Vernier calipers
p. 569 Height gauge
p. 569 Digital lines

DIAL INDICATORS

p. 570 Dial indicators
p. 572 Dial thickness gauges
p. 573 Edge finders

MICROMETERS

p. 574 Outside micrometers
p. 575 Inside micrometers

MEASURING TOOLS

p. 576 Magnetic base
p. 579 Inspection plates
p. 579 Squares
p. 581 Screw pitch gauge

PRECISION TAPES, LEVELS AND GONIOMETERS

p. 584 Precision tapes
p. 585 Levels
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ANALOGIC AND DIGITAL METERS

p. 588 Endoscopes
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p. 590 Digital meters
p. 593 Refractometers
p. 594 Hardness testers

SCALES AND DYNAMOMETERS

p. 596 Scales
p. 597 Dinamometers

C031/150

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With 2 functions and a big screeen.



Box 862

Measuring range	0÷150 mm | 0÷6"
Reading	0,01 mm | 0,0005"
Caliper jaws	40 mm
Beam	16 x 3 mm
Battery	1 x LR44

C035-

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.



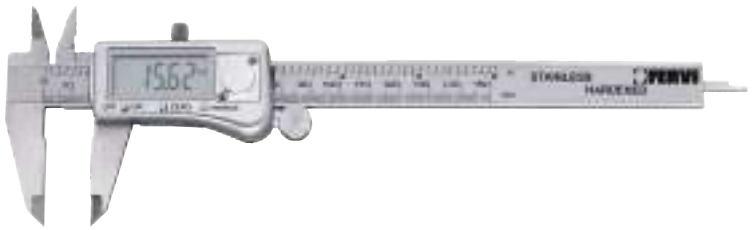
Box 862

Art.	Measuring range	Reading	Accuracy	Repeatability	Beam	Caliper jaws	Internal Jaws	Battery	Digit height
C035/150	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	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	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 862

Art.	Measuring range	Reading	Beam	Caliper jaws	Battery
C033/150	0÷150 mm | 0÷6"	0,01 mm | 0,0005"	16 x 3,2 mm	40 mm	1 x LR44
C033/200	0÷200 mm | 0÷8"	0,01 mm | 0,0005"	16 x 3,2 mm	50 mm	1 x LR44
C033/300	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	16 x 3,2 mm	60 mm	1 x LR44

C041/150

MONOBLOCK STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

3 functions with big lcd.



Box

Measuring range	0÷150 mm | 0÷6"
Reading	0,01 mm | 0,0005"
Caliper jaws	40 mm
Beam	16 x 3 mm
Battery	1 x LR44

C043-

STAINLESS STEEL ELECTRONIC DIGITAL CALIPER

With 4 functions and big lcd, fine adjustment.



Box INOX DIN 862

Art.	Measuring range	Reading	Caliper jaws	Beam	Battery
C043/500	0÷500 mm | 0÷20"	0,01 mm | 0,0005"	100 mm	25 x 6 mm	1 x LR44
C043/1000	0÷1000 mm | 0÷40"	0,01 mm | 0,0005"	150 mm	30 x 8 mm	1 x LR44

C005/150

STAINLESS STEEL CALIBRE WITH DIAL



Box INOX DIN 862

Measuring range	0 ÷ 150 mm
Reading	0,01 mm
Caliper jaws	40 mm
Beam	15,5 x 3 mm

Battery type	Alkaline battery
Battery features	LR44
Battery weight (Kg)	0,002

C006-

STAINLESS STEEL CALIBRE WITH DIAL

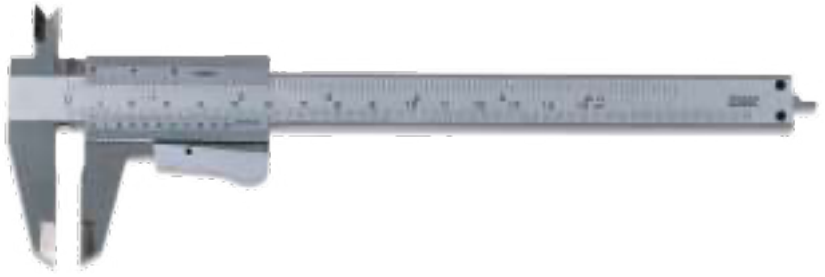


Box INOX DIN 862

Art.	Measuring range	Reading	Caliper jaws	Beam	Battery type	Battery features	Battery weight (Kg)
C006/150	0 ÷ 150 mm	0,02 mm	40 mm	16 x 3 mm	Alkaline battery	LR44	0,002
C006/200	0 ÷ 200 mm	0,02 mm	50 mm	16 x 3 mm	Alkaline battery	LR44	0,002
C006/300	0 ÷ 300 mm	0,02 mm	60 mm	20 x 4 mm	Alkaline battery	LR44	0,002

C018-

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER



Box INOX DIN 862

Art.	Measuring range	Reading	Caliper jaws	Beam
C018/150	0÷150 mm | 0÷6"	1/20 0,05 mm | 1/128"	40 mm	16 x 3 mm
C018/200	0÷200 mm | 0÷8"	1/50 0,02 mm | 1/1000"	50 mm	16 x 3 mm

C057/150

CHROMED VERNIER CALIPER



Box 862

Measuring range	0÷150 mm | 0÷6"
Reading	1/20 0,05 mm | 1/128"
Caliper jaws	40 mm
Beam	16 x 3 mm

C011-

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER

High precision, with wheel for slider locking, measuring range 0 - 200mm.



Box INOX 862

Art.	Measuring range	Reading	Caliper jaws	Beam
C011/150	0÷150 mm | 0÷6"	1/50 0,02 mm | 1/1000"	40 mm	16 x 3 mm
C011/200	0÷200 mm | 0÷8"	1/50 0,02 mm | 1/1000"	50 mm	16 x 3 mm

C019/150

CHROMED VERNIER CALIPER



Box 862

Measuring range	0÷150 mm | 0÷6"
Reading	1/20 0,05 mm | 1/128"
Caliper jaws	40 mm
Beam	16 x 3 mm

C056/200

CHROMED VERNIER CALIPER



Box 862

Measuring range	0÷200 mm | 0÷8"
Reading	1/50 0,02 mm | 1/1000"
Caliper jaws	50 mm
Beam	16,5 x 3,5 mm

C049/300

CHROMED VERNIER CALIPER

Fine adjustment.



Box 862

Measuring range	0 ÷ 300 mm
Reading	1/50 - 0,02 mm
Caliper jaws	60 mm
Beam	20 x 4 mm

C021-

MONOBLOCK STAINLESS STEEL CHROMED VERNIER CALIPER

Fine adjustment.



Box INOX 862

Art.	Measuring range	Reading	Caliper jaws	Beam
C021/300	0÷300 mm | 0÷12"	1/50 0,02 mm | 1/1000"	100 mm	23 x 6 mm
C021/500	0÷500 mm | 0÷20"	1/50 0,02 mm | 1/1000"	150 mm	23 x 6 mm
C021/1000	0÷1000 mm | 0÷40"	1/50 0,02 mm | 1/1000"	150 mm	32 x 8 mm

C020-

CHROMED VERNIER CALIPER

Fine adjustment.



Box 862

Art.	Measuring range	Reading	Caliper jaws	Beam
C020/500	0 ÷ 500 mm	1/50 0,02 mm	100 mm	23 x 6 mm
C020/1000	0 ÷ 1000 mm	1/50 0,02 mm	150 mm	30 x 8 mm
C020/1500	0 ÷ 1500 mm	1/50 0,02 mm	225 mm	49 x 14 mm
C020/2000	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.	Measuring range	Reading	Base	Beam	Battery weight (Kg)	Battery
C044/200	0÷200 mm | 0÷8"	0,01 mm | 0,0005"	100 mm	13 x 3,5 mm	0,002	1 x LR44
C044/300	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	150 mm	15 x 4 mm	0,002	1 x LR44

C007-

CHROMED VERNIERE DEPTH GAUGE



Box 862

Art.	Measuring range	Reading	Base	Beam
C007/200	0 ÷ 200 mm	1/50 0,02 mm	100 mm	9,6 x 4,5 mm
C007/300	0 ÷ 300 mm	1/50 0,02 mm	100 mm	12 x 4 mm

C010/200

SCRATCH VERNIER CALIPER



Box

Measuring range	0÷200 mm | 0÷8"
Reading	1/10 0,1 mm | 1/64"
Caliper jaws	10 mm
Beam	16 x 3 mm

C010/200P

2-BIT SET FOR CALIPER C010/200



CF08

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

Measuring range	4-8 LUG 100 ÷ 210 mm



T092-

ELECTRONIC DIGITAL MULTI FUNCTION HEIGHTGAUGE

With 4 functions and big display, with scriber.



Box

Art.	Measuring range	Reading	Accuracy	Net weight	Battery
T092/300	0÷300 mm | 0÷12"	0,01 mm | 0,0005"	0,03 mm | 0,015"	4 kg	1 x 3V CR2032
T092/600	0÷600 mm | 0÷24"	0,01 mm | 0,0005"	0,05 mm | 0,025"	9 kg	1 x 3V CR2032

T100-

VERNIER HEIGHTGAUGE CHROME PLATED

With scriber.



Box

Art.	Measuring range	Reading	Net weight
T100/300	0 ÷ 300 mm	0,02 mm	2 kg
T100/500	0 ÷ 500 mm	0,02 mm	5,5 kg

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	Measuring range	Reading	Battery type	Battery features
R060	630 mm - 24,8" inch	500 mm - 19.7"	0,01 mm | 0,001"	Lithium battery	2 x 3 V CR2032
R100	1000 mm - 40" inch	900 mm - 35"	0,01 mm | 0,001"	Lithium battery	2 x 3 V CR2032

C064

MULTIFUNCTIONAL ELECTRONIC DIGITAL INDICATOR LARGE DISPLAY

Functions: zero point at any position, mm/inch, conversion, hold, min/max functions, auto power off.



Box 878

Measuring 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	1 x LR44

C004

DIAL INDICATOR



Box 878

Dial size	60 mm
Measuring range	0 ÷ 1 mm
Reading	0,001 mm
Accuracy	0,002 mm

C017

SHOCKPROOF AND SPLASHPROOF DIAL INDICATOR

With movement on jewels, with back lug.



Box 878

Dial size	55 mm
Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C002

DIAL INDICATOR

With brass mechanics.



Box 878

Dial size	60 mm
Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023

DIAL INDICATOR



Box 878

Dial size	60 mm
Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023G

DIAL INDICATOR



Box 878

Dial size	60 mm
Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C023/N

DIAL INDICATOR

With back lug.



Box 878

Dial size	60 mm
Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Accuracy	0,015 mm

C002/42

DIAL INDICATOR



Box 878

Dial size	42 mm
Measuring range	0 ÷ 5 mm
Reading	0,01 mm
Accuracy	0,015 mm

C048

DIAL INDICATOR

With back lug.



Box 878

Dial size	60 mm
Measuring range	0 ÷ 30 mm
Reading	0,01 mm
Accuracy	0,015 mm

T003-

DIAL TEST INDICATOR



Box 2270

Art.	Dial size	Measuring range	Reading	Accuracy	Contact point
T003	32 mm	0 ÷ 0,8 mm	0,01 mm	0,015 mm	Ø 2 mm
T003G	32 mm	0 ÷ 0,8 mm	0,01 mm	0,008 mm	Ø 2 mm

T007-

DIAL TEST INDICATOR



Box

Art.	Dial size	Measuring range	Reading	Accuracy	Contact point
T007	40 mm	0 ÷ 0,8 mm	0,01 mm	0,011 mm	Ø 2 mm
T007G	40 mm	0 ÷ 0,8 mm	0,01 mm	0,008 mm	Ø 2 mm

T006

DIAL TEST INDICATOR WITH LONG CONTACT POINT



Box 2270

Dial size	40 mm
Measuring range	0 ÷ 0,8 mm
Reading	0,01 mm
Accuracy	0,011 mm
Contact point	Ø 2 mm
Contact point length	29 mm

T005

DIAL TEST INDICATOR



Box 2270

Dial size	32 mm
Measuring range	0 ÷ 0,2 mm
Reading	0,002 mm
Accuracy	0,005 mm
Contact point	Ø 2 mm

T011

DIAL TEST INDICATOR



Box 2270

Dial size	32 mm
Measuring range	0 ÷ 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.	Measuring range	Reading	Depth
A016/6/10	6 ÷ 10 mm	0,01 mm	40 mm
A016/10/18	10 ÷ 18 mm	0,01 mm	100 mm
A016/18/35	18 ÷ 35 mm	0,01 mm	125 mm
A016/35/50	35 ÷ 50 mm	0,01 mm	150 mm

Art.	Measuring range	Reading	Depth
A016/50/160	50 ÷ 160 mm	0,01 mm	150 mm
A016/160/250	160 ÷ 250 mm	0,01 mm	400 mm
A016/250/450	250 ÷ 450 mm	0,01 mm	400 mm

M062

DIGITAL DIAL THICKNESS GAUGE



Box

Measuring range	0÷12 mm - 0÷0,5"
Reading	0,01 mm | 0,0005"
Measuring depth	20 mm
Accuracy	±0,1 mm | 0,004"
Battery	1 x LR44

M055

DIAL THICKNESS GAUGE



Box

Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Measuring depth	9 ÷ 16 mm

M055/120

DIAL THICKNESS GAUGE



Box

Measuring range	0 ÷ 10 mm
Reading	0,01 mm
Measuring depth	120 mm

C014-

DIAL INSIDE GAUGE



Box

Art.	Measuring range	Arms	Anvil	Reading
C014/15/35	15 ÷ 35 mm	50 mm	Ø 3 x 3 mm	0,01 mm
C014/35/55	35 ÷ 55 mm	80 mm	Ø 3 x 6 mm	0,01 mm
C014/55/75	55 ÷ 75 mm	80 mm	Ø 3 x 6 mm	0,01 mm
C014/75/95	75 ÷ 95 mm	100 mm	Ø 3 x 8 mm	0,01 mm

C016

DIAL DEPTH GAUGE



Box

Measuring range	0 ÷ 110 mm
Dial indicator range	0 ÷ 10 mm
Base dimensions	63 x 17 mm
Reading	0,01 mm
Extensions	10 pcs

A020

ZERO SETTING WITH DIAL INDICATOR WITH MAGNETIC BASE



Box

Zero setting height	50 mm
Reading	0,01 mm
Measuring range	0 ÷ 8 mm

A021

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

Measuring 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

C062

MECHANICAL EDGE FINDER



Box

Stem	Ø 10 mm
Anvil	Ø 4 - 10 mm

C063

ELECTRONIC EDGE FINDER



Box

Stem	Ø 20 mm
Contact point	Ø 10 mm
Total length	100 mm
Power	2 x SR44W

C063/L

ELECTRONIC EDGE FINDER

With led light and audible beep.



Box

Stem	Ø 20 mm
Contact point	Ø 10 mm
Total length	160 mm
Power	2 x LR1 1,5 V

C061

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	0 ÷ 25 mm - 0 ÷ 1"	0,001 mm - 0,00005"	0,003 mm - 0.00015"
M021/25/50	25 ÷ 50 mm - 1" ÷ 2"	0,001 mm - 0,00005"	0,003 mm - 0.00015"
M021/50/75	50 ÷ 75 mm - 2" ÷ 3"	0,001 mm - 0,00005"	0,004 mm - 0.0002"
M021/75/100	75 ÷ 100 mm - 3" ÷ 4"	0,001 mm - 0,00005"	0,004 mm - 0.0002"

M026-

ELECTRONIC DIGITAL MICROMETER

Friction thimble with carbide faces.



Box HM DIN 863

Art.	Size	Reading	Accuracy
M026/0/25	0 ÷ 25 mm - 0 ÷ 1"	0,001 mm | 0,0001"	0,0002 mm | 0,00008"
M026/25/50	25 ÷ 50 mm - 1 ÷ 2"	0,001 mm | 0,0001"	0,0002 mm | 0,00008"
M026/50/75	50 ÷ 75 mm - 2 ÷ 3"	0,001 mm | 0,0001"	0,0003 mm | 0,00012"
M026/75/100	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	0 ÷ 25 mm	0,01 mm	0,004 mm
M022/25/50	25 ÷ 50 mm	0,01 mm	0,004 mm
M022/50/75	50 ÷ 75 mm	0,01 mm	0,005 mm
M022/75/100	75 ÷100 mm	0,01 mm	0,005 mm

M009-

CHROMED OUTSIDE MICROMETER

With carbide faces and painted frame.



Box HM DIN 863

Art.	Size	Reading	Beam
M009/300/400	300 ÷ 400 mm	0,01 mm	Ø 6,5 mm
M009/400/500	400 ÷ 500 mm	0,01 mm	Ø 6,5 mm
M009/500/600	500 ÷ 600 mm	0,01 mm	Ø 6,5 mm
M009/600/700	600 ÷ 700 mm	0,01 mm	Ø 6,5 mm
M009/700/800	700 ÷ 800 mm	0,01 mm	Ø 6,5 mm
M009/800/900	800 ÷ 900 mm	0,01 mm	Ø 6,5 mm
M009/900/1000	900 ÷ 1000 mm	0,01 mm	Ø 6,5 mm
M009/1000/1200	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	0 ÷ 25 mm	0,01 mm	Ø 20 mm
M010/25/50	25 ÷ 50 mm	0,01 mm	Ø 20 mm
M010/50/75	50 ÷ 75 mm	0,01 mm	Ø 20 mm
M010/75/100	75 ÷ 100 mm	0,01 mm	Ø 20 mm
M010/100/125	100 ÷ 125 mm	0,01 mm	Ø 27 mm
M010/125/150	125 ÷ 150 mm	0,01 mm	Ø 27 mm
M010/150/175	150 ÷ 175 mm	0,01 mm	Ø 27 mm
M010/175/200	175 ÷ 200 mm	0,01 mm	Ø 27 mm



M019-

BLIND HOLE THREE POINT INSIDE MICROMETER



Carrying case

Art.	Ring	Size	Reading	Accuracy
M019/06/08	1	6 ÷ 8 mm	0,001 mm	0,004 mm
M019/08/10	1	8 ÷ 10 mm	0,001 mm	0,004 mm
M019/10/12	1	10 ÷ 12 mm	0,001 mm	0,004 mm
M019/12/16	1	12 ÷ 16 mm	0,005 mm	0,004 mm
M019/16/20	1	16 ÷ 20 mm	0,005 mm	0,004 mm
M019/20/25	1	20 ÷ 25 mm	0,005 mm	0,004 mm
M019/25/30	1	25 ÷ 30 mm	0,005 mm	0,004 mm
M019/30/40	1	30 ÷ 40 mm	0,005 mm	0,004 mm
M019/40/50	1	40 ÷ 50 mm	0,005 mm	0,005 mm
M019/50/63	1	50 ÷ 63 mm	0,005 mm	0,005 mm
M019/62/75	1	62 ÷ 75 mm	0,005 mm	0,005 mm
M019/75/88	1	75 ÷ 88 mm	0,005 mm	0,005 mm
M019/87/100	1	87 ÷ 100 mm	0,005 mm	0,005 mm
M019/100/125	0	100 ÷ 125 mm	0,005 mm	0,005 mm
M019/125/150	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	3	3	6 ÷ 12 mm	0,001 mm	0,004 mm
M019/12/20	2	1	12 ÷ 20 mm	0,005 mm	0,004 mm
M019/20/40	3	2	20 ÷ 40 mm	0,005 mm	0,004 mm
M019/40/100	5	3	40 ÷ 100 mm	0,005 mm	0,005 mm

M013/0/100

DEPTH MICROMETER



Carrying case

Measuring range	0÷25 mm, 25÷50 mm, 50÷75 mm, 75÷100 mm
Reading	0,01 mm
Base	100 x 17 mm



T009
DIAL INDICATOR HOLDER



Box

External thread connection	Ø 8 mm
Female connection	Ø 4 mm

B201/1
MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base.



Box

Base dimensions	36 x 30 x 35 mm
Hole	M5 x 0,8
Magnetic force	300 N

B201/2
MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base.



Box

Base dimensions	60 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	800 N

B201/3
MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base.



Box

Base dimensions	73 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	1000 N

B201/4
MAGNETIC BASE

N35 magnetic material, abs switch and prismatic base.



Box

Base dimensions	117 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	1300 N

B100
MAGNETIC STAND

Abs switch and prismatic base.



Box

Dimensions	63 x 50 x 55 mm
Hole	M8 x 1,25
Magnetic force	600 N

S052/2
MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. Magnetic base with prismatic support and switch.



Box

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
MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. Magnetic base with prismatic support and switch.



Box

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

MAGNETIC STAND

With micrometric adjustment, sturdy column and adjustable arm. Magnetic base with prismatic support and switch.



Box

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

MAGNETIC STAND

With microadjustment.



Box

Main stem	Ø 12 x 170 mm
Assistant stem	Ø 10 x 150 mm
Magnetic force	600 N
Base dimensions	63 x 50 x 55 mm

S047

MAGNETIC STAND

With microadjustment.



Box

Main stem	Ø 16 x 220 mm
Assistant stem	Ø 12 x 200 mm
Magnetic force	800 N
Base dimensions	65 x 50 x 55 mm

S054

MAGNETIC STAND



Box

Main stem	Ø 12 x 170 mm
Assistant stem	Ø 10 x 165 mm
Magnetic force	600 N
Base dimensions	65 x 50 x 55 mm

S055

MAGNETIC STAND



Box

Main stem	Ø 16 x 210 mm
Assistant stem	Ø 12 x 175 mm
Magnetic force	800 N
Base dimensions	75 x 50 x 55 mm

S042/1

UNIVERSAL MECHANICAL ARM STAND

With 3D central lock.



Box

Base dimensions	36 x 30 x 35 mm
Magnetic force	300 N
Arm	145 mm

S042/2

UNIVERSAL MECHANICAL ARM STAND

With micrometric adjustment and 3D central lock.



Box

Base dimensions	60 x 50 x 55 mm
Magnetic force	800 N
Arm	290 mm

S042/3

UNIVERSAL MECHANICAL ARM STAND

With micrometric adjustment and 3D central lock.



Box

Base dimensions	75 x 50 x 55 mm
Magnetic force	1000 N
Arm	365 mm

S045

UNIVERSAL MECHANICAL ARM STAND



Box

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

HYDRAULIC UNIVERSAL MAGNETIC STAND



Box

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

DIAL GAUGE STAND

With grooved steel plate and aluminium base.



Box

Dial stand	Ø 8 mm
Plate Dimensions	80 x 80 mm
Base dimensions	150 x 100 mm
Column	Ø 25 x 180 mm

B010

DIAL GAUGE STAND

With granite base.



Box

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	Capacity
A019/300	300 mm	145 / 175 mm	2	730 x 310 x 370h mm	2	65 kg	70 Kg
A019/500	500 mm	135 / 170 mm	2	924 x 330 x 482h mm	2	70 kg	70 Kg
A019/1000	1000 mm	135 / 170 mm	2	1400 x 330 x 430h mm	2	100 kg	70 Kg

S051

MICROMETER STAND

With plastic covered jaws.



Box

Steel



P. 578

P04x

GRANITE INSPECTION PLATE

Grade 0.



Wooden Box

Art.	Dimensions	Net weight
P040	310 x 230 x 75 mm	20 kg
P042	630 x 400 x 100 mm	80 kg
P043	1000 x 630 x 150 mm	280 kg
P047	1200 x 800 x 160 mm	497 kg
P044	1600 x 1000 x 200 mm	1059 kg



S06x

GRANITE SQUARE

Grade 0.



Wooden Box

DIN 876

Art.	Dimensions	Accuracy
S061	250 x 40 x 400h mm	± 6 µm
S062	400 x 100 x 635h mm	± 9 µm

S050-

90° SQUARE

Suitable for checking squareness and flatness in the precision mechanical industry. With back.



Steel

DIN 875/1

Art.	Dimensions	Section
S050/150	150 x 100 mm	25,5 x 4,8 mm
S050/200	200 x 130 mm	30,3 x 6 mm
S050/250	250 x 165 mm	35 x 7 mm
S050/300	300 x 200 mm	36 x 9 mm
S050/400	400 x 265 mm	39 x 9 mm
S050/500	500 x 330 mm	50 x 9 mm

S051-

90° SQUARE

Suitable for checking squareness and flatness in the mechanical industry. With screwed back.



Steel

Art.	Dimensions	Section
S051/100	100 x 70 mm	20 x 5,5 mm²
S051/150	150 x 100 mm	20 x 5,5 mm²
S051/200	200 x 130 mm	20 x 5,5 mm²
S051/250	250 x 160 mm	25 x 5,5 mm²
S051/300	300 x 175 mm	25 x 5,5 mm²
S051/400	400 x 200 mm	29,5 x 5,5 mm²
S051/500	500 x 250 mm	29,5 x 5,5 mm²
S051/600	600 x 330 mm	29,5 x 5,5 mm²
S051/750	750 x 375 mm	29,5 x 5,5 mm²
S051/1000	1000 x 500 mm	29,5 x 5,5 mm²

S059-

90° SQUARE

Suitable for checking squareness and flatness in the mechanical industry. Without back.



Steel

Art.	Dimensions	Section
S059/100	100 x 70 mm	20 x 5,5 mm²
S059/150	150 x 100 mm	20 x 5,5 mm²
S059/200	200 x 130 mm	20 x 5,5 mm²
S059/250	250 x 160 mm	25 x 5,5 mm²
S059/300	300 x 175 mm	25 x 5,5 mm²
S059/400	400 x 200 mm	29,5 x 5,5 mm²
S059/500	500 x 250 mm	29,5 x 5,5 mm²
S059/600	600 x 330 mm	29,5 x 5,5 mm²
S059/750	750 x 375 mm	29,5 x 5,5 mm²
S059/1000	1000 x 500 mm	29,5 x 5,5 mm²

S048-
STAINLESS STEEL 90° KNIFE EDGE SQUARE



DIN 875/00

Art.	Dimensions	Section
S048/100	100 x 70 mm	20 x 5 mm²
S048/150	150 x100 mm	25 x 5 mm²

0286-
YELLOW PAINTED JOINER SQUARE



Art.	Dimensions
0286/250	250 x 130 x 0,8 mm
0286/300	300 x 130 x 0,8 mm
0286/350	350 x 155 x 0,8 mm

S056-
90° MAGNETIC SQUARE



Box

Art.	Dimensions	Max. magnetic force
S056/150	150 x 150 x 50h mm	500 N
S056/200	200 x 200 x 50h mm	1000 N

S058
TITLTABLE MAGNETIC SQUARE



Box

Dimensions	115 x 115 x 35h mm
Degrees	45° ÷ 90°
Max. magnetic force	250 N

S057/125
WELDING HOLDER



Blister

Dimensions	135 x 135 x 25h mm
Magnetic force	340 N
Hold working angle	45 - 90 - 135°

S057/060S
MINI WELDING HOLDER



4 Pcs Blister

Dimensions	50 x 60 x 12,5h mm
Magnetic force	45 N
Hold working angle	45 - 90 - 135°

P. 580

0212

FEELER



Blister

Feelers num.	20
Sizes	0,05 - 1,00 mm

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	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mm
FG02/AI	20	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mm

HT125

HOLDER FOR FEELER GAUGE BLADES





Blister

Dimensions	125 x 17 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	13	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mmm
FG02	20	T2	0,05 - 1,00 mm | 0,002 - 0,040"	100 mmm

TGx-AE

THICKNESS GAUGE FOIL

Measure in mm and inches on each blade. T2 tolerance.



Blister Steel

Art.	Thickness	Length
TG001/AE	0,01 mm | 0,0004"	5 m
TG002/AE	0,02 mm | 0,0008"	5 m
TG003/AE	0,03 mm | 0,0012"	5 m
TG004/AE	0,04 mm | 0,0016"	5 m
TG005/AE	0,05 mm | 0,0020"	5 m
TG006/AE	0,06 mm | 0,0024"	5 m
TG007/AE	0,07 mm | 0,0028"	5 m
TG008/AE	0,08 mm | 0,0030"	5 m
TG009/AE	0,09 mm | 0,0035"	5 m
TG010/AE	0,10 mm | 0,0040"	5 m
TG012/AE	0,12 mm | 0,005"	5 m
TG015/AE	0,15 mm | 0,006"	5 m
TG018/AE	0,18 mm | 0,007"	5 m
TG020/AE	0,20 mm | 0,008"	5 m
TG025/AE	0,25 mm | 0,010"	5 m
TG030/AE	0,30 mm | 0,012"	5 m
TG035/AE	0,35 mm | 0,014"	5 m
TG040/AE	0,40 mm | 0,016"	5 m
TG045/AE	0,45 mm | 0,018"	5 m
TG050/AE	0,50 mm | 0,020"	5 m
TG055/AE	0,55 mm | 0,022"	5 m
TG060/AE	0,60 mm | 0,024"	5 m
TG065/AE	0,65 mm | 0,026"	5 m
TG070/AE	0,70 mm | 0,028"	5 m
TG075/AE	0,75 mm | 0,030"	5 m
TG080/AE	0,80 mm | 0,032"	5 m
TG085/AE	0,85 mm | 0,034"	5 m
TG090/AE	0,90 mm | 0,036"	5 m
TG095/AE	0,95 mm | 0,038"	5 m
TG100/AE	1,00 mm | 0,040"	5 m
TG110/AE	1,1 mm	1 m
TG120/AE	1,2 mm	1 m
TG130/AE	1,3 mm	1 m
TG140/AE	1,4 mm	1 m
TG150/AE	1,5 mm	1 m
TG160/AE	1,6 mm	1 m
TG170/AE	1,7 mm	1 m
TG180/AE	1,8 mm	1 m
TG190/AE	1,9 mm	1 m
TG200/AE	2 mm	1 m

C058

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°

C026-

PRECISION DIVIDER

With square legs.



Art.	Length
C026/150	150 mm
C026/200	200 mm
C026/250	250 mm
C026/300	300 mm

C027-

PRECISION DIVIDER

With setting wings and square legs.



Art.	Length
C027/150	150 mm
C027/200	200 mm
C027/250	250 mm
C027/300	300 mm

C028-

OUTSIDE CALIPER

For external thicknesses.



Art.	Length
C028/150	150 mm
C028/200	200 mm
C028/250	250 mm
C028/300	300 mm

C029-

INSIDE CALIPER

For interiors.



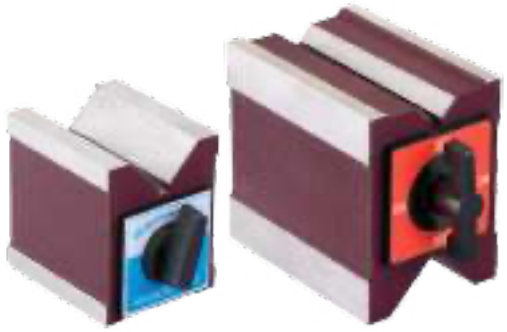
Art.	Length
C029/150	150 mm
C029/200	200 mm
C029/250	250 mm
C029/300	300 mm



P007-

MAGNETIC VEE BLOCK

Single or couple.



Box

Art.	Dimensions	Width	Max. magnetic force	Pieces
P007/1	70 x 60 x 72 mm	38 mm	400 N	1
P007/2	100 x 70 x 95 mm	50 / 16 mm	300 N	1
P007/1C	71 x 60 x 73 mm	38 mm	400 N	2
P007/2C	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	63,5 x 63,5 x 50 mm	Ø 35 mm	± 0,01 mm	1
P302/2	100 x 75 x 75 mm	Ø 65 mm	± 0,01 mm	1
P303/2	150 x 125 x 100 mm	Ø 110 mm	± 0,01 mm	1
P301/2C	63,5 x 63,5 x 50,8 mm	Ø 35 mm	± 0,01 mm	2
P302/2C	100 x 75 x 75 mm	Ø 65 mm	± 0,01 mm	2
P303/2C	150 x 125 x 100 mm	Ø 110 mm	± 0,01 mm	2

P20x

PARALLEL VEE BLOCKS



Box C45

Art.	Dimensions	Accuracy
P200/1	75 x 75 x 60 mm	1/100 mm
P201/1	100 x 80 x 60 mm	1/100 mm

P011-

ANGLE BLOCK



Box

Art.	Dimensions
P011/075	75 x 32 x 25 mm
P011/100	102 x 48 x 46 mm

F802/MINI

NEW

MINI PRECISION TAPE

Mini precision tape with precise stopper and metal ring to ba able to take it anywhere. Non-abrasive and rust resistant coating.



Expositor

Belt dimensions	2 m x 13 mm
Accuracy class	II
Pack	24

F813

FLEXOMETER

Compact, with a lightweight ABS body and steel spring.



Expositor

Belt dimensions	3 m x 12 mm
Accuracy class	II

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	2 m x 16 mm	II
F2G3	3 m x 16 mm	II
F2G5	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	3 m x 19 mm	II
F685	5 m x 25 mm	II
F688	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 m x 16 mm	II
F803	3 m x 16 mm	II
F805	5 m x 19 mm	II
F808	8 m x 25 mm	II

F32x

MAGNETIC PRECISION TAPE

With automatic brake and magnet.



Expositor

Art.	Belt dimensions	Accuracy class
F322	2 m x 16 mm	II
F323	3 m x 19 mm	II
F325	5 m x 25 mm	II
F328	8 m x 25 mm	II

R0x

LONG TAPE

Made of steel.



Box

Art.	Belt dimensions
R030	30 m x 13 mm
R050	50 m x 13 mm

0646/A

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

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
Level accuracy	0,05°
Battery	2 x 1,5V AAA

0666

DIGITAL LEVEL WITH LASER

Measuring unit in degrees or percentage of inclination. Batteries not included.



Box

Length	600 mm
Auto power off	5 min
Measuring range	0 ~ 360°
Wave length	650 nm
Reading	0,1°
Laser power	< 1 mW
Level accuracy	± 0,05°
Pointing accuracy	±1 mm / m
Battery	2 x 1,5V AAA

0109

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°
Level accuracy	0° - 90°: ±0,2°
Battery	2 x AAA 1,5 V

0112

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, carrying bag.



Box

Length	600 mm
Auto power off	5 min
Measuring range	0 ~ 90° x 4
Level accuracy	0° & 90°: ±0,05°; 0,1° - 89,9°: ±0,2°
Battery	2 x AAA 1,5 V

L090A

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

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 x 27 x 59 mm
Battery	1 x 1.5 V AAA

L085

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

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	300 x 49 x 23 mm
0824/400	400 x 49 x 23 mm
0824/500	500 x 49 x 23 mm
0824/600	600 x 49 x 23 mm

L200

LINEAR LEVEL

Master precision, with v-slot s ground.



Dimensions	200 x 45 x 40 mm
Accuracy	0,02 mm / m

L150

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

DIGITAL ANGLE FINDER AND LEVEL WITH 2 VIALS

Automatic calculation of angles and inclinations.



Length	400 mm
Measuring range	0 ÷ 225°
Reading	0,1°
Accuracy	± 0,5°
Battery	9 V

G006-

PROTRACTOR

With locking screw, laser engraved scale.



Steel Chromed

Art.	Arc	Beam	Measuring range
G006/120	Ø 80 mm	120 mm	0 ÷ 180°
G006/150	Ø 120 mm	150 mm	0 ÷ 180°
G006/200	Ø 150 mm	200 mm	0 ÷ 180°
G006/300	Ø 200 mm	300 mm	0 ÷ 180°
G006/500	Ø 300 mm	500 mm	0 ÷ 180°
G006/600	Ø 300 mm	600 mm	0 ÷ 180°



M072

MAGNIFIER FOR MEASURING



Box

Magnification	10x
Field of view	24 mm
Measuring range	0 ÷ 20 mm
Reading	0,1 mm

M071

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

P075

DIGITAL CLAMP METER

With LCD display. 9 operating modes: AC current, AC voltage, DC voltage, resistance, continuity, frequency, diode control, temperature measurement. High reliability



Box

ACV	750 V ± 1,2%
ACA	200 - 1000 A ±2,0 %
DCV	1000 V ± 1%
DCA	200 - 1000 A ± 2,0%
RES	200 Ω ± 1%
Frequency	2k Hz ±2,5 %
Temperature	-40°C - 400°C ±1,5 %
Battery	1 x 9 V

M069

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

P080

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% + 2
RES	400 Ω /4 kΩ /40 kΩ /400 kΩ /4 MΩ /40 MΩ ± 1% + 2
Frequency	10 MHz ±0,8 % + 2
Battery	2 x 1,5 V x AA
Dimensions	250 x 71 x 38,8 mm

T051

POCKET DIGITAL MULTIMETER

Audible continuity and diode test.



Box

DCV	2 - 20 - 200 - 500 V ± 0,5%
ACV	200 - 500 V ± 1,2%
DCA	200mA ± 1,5%
RES	2K-20K-200K-2M Ω ± 1%
Battery	1 x 12V A23

T050

DIGITAL MULTIMETER

High accuracy temperature meter, audible continuity and diode test.



Box

DCV	200 mV ± 0,5%
DCV	2 - 20 - 200 V ± 0,8%
DCV	1000 V ± 0,1%
ACV	2mV - 20 - 200 V ± 1,%
ACV	750 V ± 1,2%
DCA	2 - 20 mA ± 1,8%
DCA	200 mA ± 2%
DCA	20 A ± 2%
ACA	200 mA ±2,0%
ACA	20 A ±3,0%
RES	200 Ω ± 1%
RES	2KΩ - 20KΩ - 200KΩ - 2MΩ ± 1%
RES	20 MΩ ± 1%
RES	200 MΩ ± 5%
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	1 x 9 V

T053

DIGITAL MULTIMETER

High accuracy temperature meter, audible continuity and diode test.



Box

DCV	200 mV - 2 - 20 - 200 - 1000 V ± 0,8%
ACV	200 mV - 2 - 20 - 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	4 x 1,5V AAA
Temperature	-20 °C ÷ 1000 °C
Frequency	10 mHz
hFE transistor test	0 ~ 1000

0029

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

0013/142

CIRCUIT TESTER SCREWDRIVER

With handle in insulating material, neon light and steel blade.



Measuring range	100 ÷ 500 V
Length	142 mm

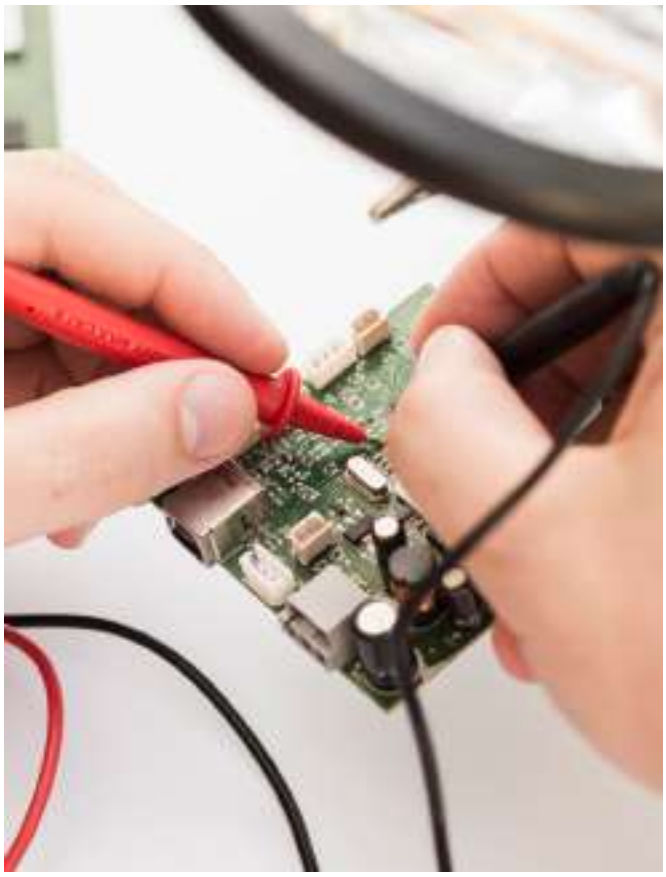
0013/185

CIRCUIT TESTER SCREWDRIVER

With handle in insulating material, neon light and steel blade.



Measuring range	100 ÷ 500 V
Length	190 mm



ML80A

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

Measuring range	0,05 ÷ 80 m
Accuracy	± 2 mm
Battery	3 AAA x 1,5 V

ML40

LASER DISTANCE METER

Ideal for the measurements in construction and carpentry, functions: addition, subtraction, area and volume calculation, auto power off.



Blister IP54

Measuring range	0,05 ÷ 40 m
Accuracy	± 2 mm
Battery	2 AAA x 1.5 V

T068

LASER POINTER INFRARED TEMPERATURE METER

Not suitable for body temperature measurement.



Blister

Measuring 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	1 x 9 V
Dimensions	146 x 80 x 38 mm
Distance/Spot size	1 : 12

I002

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
Measuring 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

POCKET DIGITAL TEMPERATURE METER

With environmental and immersion purpose thermocouples.



Box

Reading	1° C
Measuring 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	1 x 9 V

T063

PORTABLE DIGITAL TEMPERATURE METER

Environmental and immersion purpose thermocouples type "K", double temperature detection, with box.



Box

Measuring range	T056/TP01: -50°C ÷ 250°C
Measuring 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	1 x 9 V

T055

PORTABLE DIGITAL TEMPERATURE METER

Environmental and immersion purpose thermocouples type "K" with plastic box.



Box

Measuring range	T056/TP01: -50°C ÷ 250°C
Measuring 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

ENVIRONMENTAL THERMOCOUPLE "K" TYPE



Measuring range	-50°C ÷ 250°C
Thermocouple type	"K"
Thermocouple length	2 mm

T056/TP02

ENVIRONMENTAL OR IMMERSION THERMOCOUPLE "K" TYPE



Measuring range	-50°C ÷ 750°C
Thermocouple type	"K"
Total length	135 mm

T056/TP03

THERMOCOUPLE "K" TYPE

Environmental or immersion.



Measuring range	-50 °C ÷ 1100 °C
Thermocouple type	"K"
Thermocouple length	650 mm

F010

SOUND LEVEL METER

High precision, Fast, Slow Max survey mode. Computer connection for data transfer.



Carrying case

Frequency range	31,5 Hz ÷ 8 kHz
Measuring 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
Tolerance	Livello 2
Accuracy	± 1 db
Display	10 mm
Working temperature	-10 °C ÷ 40 °C
Not included batteries	4 x 1,5 V AAA

L014

DIGITAL LUXMETER



Carrying case

Measuring range	0 LUX ÷ 2000 LUX ÷ 20000 LUX ÷ 50000 LUX
Reading	1 LUX
Accuracy	± 5 %
Battery	1 x 9 V

0387A

DIGITAL MULTI-FUNCTION DETECTOR

For measuring ferrous and non-ferrous metals, wood and live cables in walls, ceilings and floors.



Box

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	1 x 9 V
Dimensions	150 x 75 x 24 mm

C070

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

MD01

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 for a Ø 25 mm coin
Battery	1 x 9 V

C069

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

PHOTO TYPE DIGITAL TACHOMETER

With reflective stripes.



Carrying case

Measuring 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

0836

DIGITAL PRESSURE GAUGE

With tyre depth gauge and Led light.



Blister

Measuring range	0,5÷99,5 psi 0,034÷6,86 bar, 3,45÷686 kPa
Accuracy	± 1%
Battery	3 x LR44

V002

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

ULTRASONIC THICKNESS GAUGE



Reading	4-digit LCD
Measuring 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

BRIX REFRACTOMETER



Carrying case

Measuring range	0 ÷ 80 % Brix

0433

REFRACTOMETER

Brix, useful to check coolant oils.



Carrying case

Measuring range	0 ÷ 32% Brix

0312/AB

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 %

D001

ROCKWELL HARDNESS TESTING MACHINE



Wooden Box

Reading	0,5 HR
Diamond and steel 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
Measuring depth	125 mm
Durometer dimensions	185 x 465 x 640 mm
Measuring 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

D018

HARDNESS TESTING MACHINE

Motorized, rockwell, brinell and vickers.



Wooden Box

Measuring 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 / 187,5 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° 2 Brinell; n° 2 Rockwell; n° 1 Vickers
Magnification	37,5x - 75x
Max Height of tested piece	Rockwell: 175 mm; Brinell - Vickers: 145 mm
Measuring 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

D007/A

SHORE "A" DUROMETER

Rubber and soft material hardness tester.



Measuring range	0 ÷ 100 A
Reading	2 A

D011/A

SHORE "A" DIGITAL DUROMETER

Rubber and soft material hardness tester.



Measuring range	0 ÷ 100 A
Reading	0,5 A
Battery	1 x 3 V CR2032

D011/D

SHORE "D" DIGITAL DUROMETER

Hard rubber and plastic material hardness tester.



Measuring range	0 ÷ 100 D
Reading	0.5 D
Battery	1 x 3 V CR2032

P013

SHORE "A" DUROMETER TEST BLOCK

With variable hardness from 26 ha to 88 ha. Test block colours: purple, brown, green, orange, red, yellow and grey. Precision ±2 ha.



7 Pcs

S110

CONCRETE TEST HAMMER

For measuring the hardness of cement manufactured products.



Percussion force	2,207 Nm
Spring tension	7,84 N
Swing	75 mm

S111

ANVIL FOR CONCRETE TEST HAMMER SETTING



B031

HIGH ACCURACY DIGITAL POCKET SCALE

Not legal for trade.



Box

Capacity	100 g
Reading	0,01 g
Weighing mode	g / dwt / tl / ct
Battery	1 x 3 V CR2032

B021

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
Battery	2 x 1,5V AAA

B003/5/1

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

ELECTRONIC DIGITAL SCALE WITH DOUBLE DISPLAY

Not suitable for dealings with third parties. Equipped with 4 V 4 Ah battery and charger. Memory for unit values. Calculate total values.



Box

Capacity	30 kg
Reading	10 g
Platform dimensions	340 x 230 mm
Dimensions	350 x 330 x 120 mm
Power	230 V 50 Hz
Rechargeable battery	1 x 4 V 4 Ah

B004-

RECHARGEABLE ELECTRONIC DIGITAL COUNTER SCALES

Not legal for trade with 6 V 4 Ah and transformer.



Box

Art.	Capacity	Reading	Scale dimensions	Platform dimensions	Rechargeable battery
B004/7	7,5 kg	0,2 g	350 x 340 x 105 mm	335 x 228 mm	1 x 6 V 4 Ah
B004/30	30 kg	1 g	350 x 340 x 105 mm	335 x 228 mm	1 x 6 V 4 Ah

0561/B

SPARE PART BATTERY

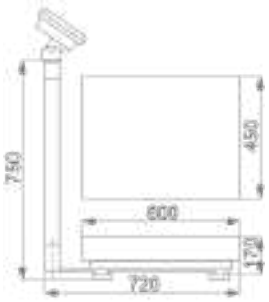
For every B004 scale.



B004/150

RECHARGEABLE ELECTRONIC DIGITAL COUNTER SCALE

Not legal for trade with 6 V 4 Ah battery and transformer.





Box

Capacity	150 kg
Reading	10 g
Rechargeable battery	1 x 6 V 4 Ah
Net weight	17 kg

0561/B

SPARE PART BATTERY

For every B004 scale.



D010-

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	40 x 20 mm	1000 kg	0,5 kg	0,5 kg	150%	1 x 6 V 4 Ah	7,1 kg
D010/0300	40 x 20 mm	3000 kg	1 kg	1 kg	150%	1 x 6 V 4 Ah	7,5 kg
D010/0500	40 x 20 mm	5000 kg	2 kg	2 kg	150%	1 x 6 V 4 Ah	12,3 kg
D010/1000	40 x 20 mm	10000 kg	5 kg	5 kg	150%	1 x 6 V 4 Ah	25,7 kg

D012-

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	40 x 20 mm	1000 kg	0,2 kg	0,2 kg	150%	1 x 6 V 10 Ah	12 kg
D012/0300	40 x 20 mm	3000 kg	0,5 kg	0,5 kg	150%	1 x 6 V 10 Ah	14,5 kg
D012/0500	40 x 20 mm	5000 kg	1 kg	1 kg	150%	1 x 6 V 10 Ah	19 kg
D012/1000	40 x 20 mm	10000 kg	2 kg	2 kg	150%	1 x 6 V 10 Ah	32 kg