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M061

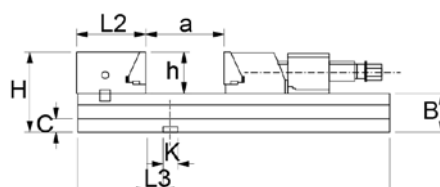
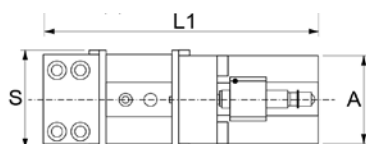
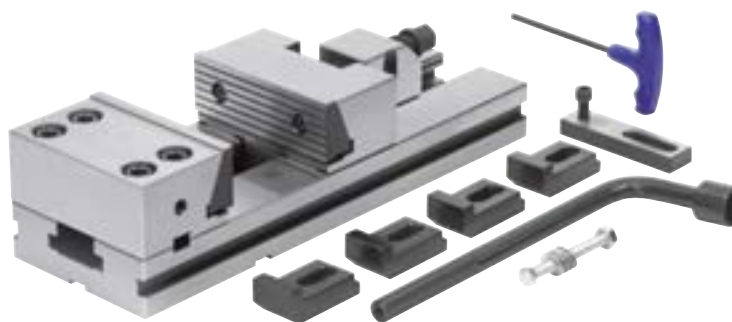
€ 403,2

ANGLE PRECISION VICE

Length	235 mm
Jaw width	88 mm
Pins center distance	100 mm
Jaw height	40 mm
Opening	120 mm
Accuracy	0,005 mm
Tilting	0° ÷ 45°
Weight	12,5 kg


M012-
PRECISION MEASURING MILLING VICE

Art.	€	Dimensions	Opening	Jaw height	Accuracy	Weight
M012/038	€ 80,98	38 x 105 x 45h mm	44 mm	25 mm	0,005 mm	1,3 kg
M012/050	€ 84,56	50 x 140 x 50h mm	65 mm	25 mm	0,005 mm	2 kg
M012/080	€ 204,96	73 x 190 x 67h mm	110 mm	35 mm	0,005 mm	4 kg
M012/100	€ 285,60	100 x 245 x 90h mm	125 mm	45 mm	0,005 mm	9,3 kg


M011-
HIGH PRECISION STEEL VICE


Art.	€	Jaw dimensions	Accuracy	S	A	B	C	H	L1	L2	L3	h	K h7	a	Hardness	Weight
M011/125/150	€ 1000,16	125 x 50h mm	0,02 mm	125 mm	125 mm	40 mm	15 mm	90 mm	350 mm	80 mm	25,6 mm	50 mm	16 mm	150 mm	58 - 63 HRC	20 kg
M011/150/210	€ 1153,6	150 x 60h mm	0,02 mm	150 mm	150 mm	50 mm	20 mm	110 mm	435 mm	93 mm	25,6 mm	60 mm	16 mm	210 mm	58 - 63 HRC	36 kg
M011/150/300	€ 1433,6	150 x 60h mm	0,02 mm	150 mm	150 mm	50 mm	20 mm	110 mm	525 mm	93 mm	25,6 mm	60 mm	16 mm	300 mm	58 - 63 HRC	40 kg

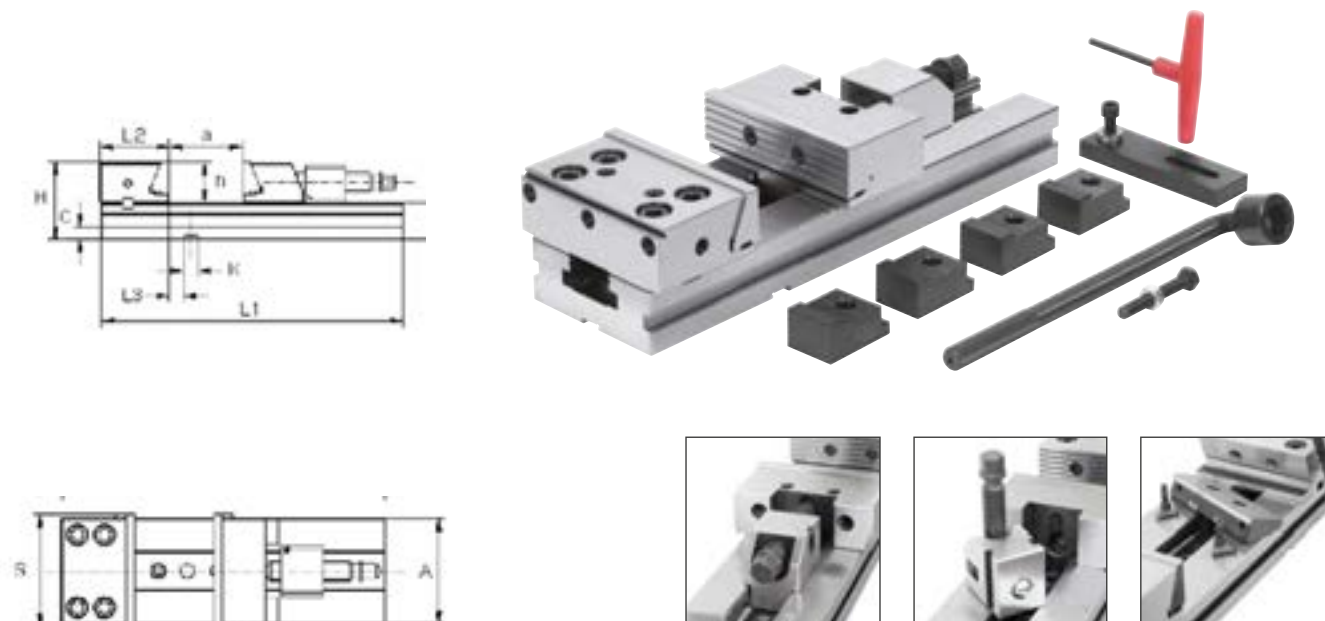
M011-xG
SPARE PART JAWS

Art.	€	Description	Jaw dimensions
M011/125GP	€ 213,92	Prismatic jaw	125 x 40h mm
M011/125GR	€ 359,52	Pair of striped jaws	125 x 40h mm
M011/150GP	€ 257,6	Prismatic jaw	150 x 45h mm
M011/150GR	€ 384,16	Pair of striped jaws	150 x 45h mm



M028-

HIGH PRECISION STEEL MODULAR VICE



Art.	€	Jaw dimensions	Accuracy	S	A	B	C	H	L1	L2	L3	h	K h7	a	Hardness	Weight
M028/100/100	€ 717,92	100 x 30h mm	0,02 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	58 - 62 HRC	7 kg
M028/125/150	€ 780,64	125 x 40h mm	0,02 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	58 - 62 HRC	13 kg
M028/150/200	€ 930,72	150 x 50h mm	0,02 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	58 - 62 HRC	26 kg
M028/150/300	€ 1000,16	150 x 50h mm	0,02 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	58 - 62 HRC	30 kg
M028/150/400	€ 1153,60	150 x 50h mm	0,02 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	58 - 62 HRC	34 kg
M028/175/200	€ 1153,60	175 x 60h mm	0,02 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	58 - 62 HRC	51 kg
M028/175/300	€ 1187,20	175 x 60h mm	0,02 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	58 - 62 HRC	43 kg
M028/175/400	€ 1332,80	175 x 60h mm	0,02 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	58 - 62 HRC	51 kg
M028/175/500	€ 1489,60	175 x 60h mm	0,02 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	58 - 62 HRC	59 kg
M028/200/300	€ 1792,00	200 x 65h mm	0,02 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	58 - 62 HRC	80 kg
M028/200/400	€ 1836,80	200 x 65h mm	0,02 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	58 - 62 HRC	71 kg
M028/200/500	€ 2217,60	200 x 65h mm	0,02 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	58 - 62 HRC	79 kg
M028/200/600	€ 2441,60	200 x 65h mm	0,02 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	58 - 62 HRC	84 kg

M028-xG

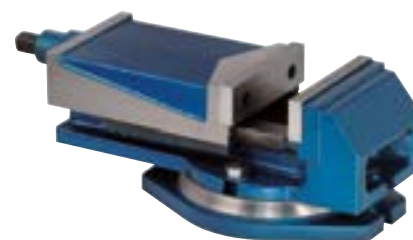
SPARE PART JAWS

Art.	€	Description	Jaw dimensions
M028/100GP	€ 206,08	Prismatic jaw	100 x 24,5h mm
M028/175GP	€ 257,60	Prismatic jaw	175 x 43h mm
M028/200GP	€ 285,60	Prismatic jaw	200 x 53h mm
M028M029/125GP	€ 215,04	Prismatic jaw	125 x 32h mm
M028M029/150GP	€ 231,84	Prismatic jaw	150 x 40h mm



M023-

MILLING MACHINE VICE WITH 360° SWIVEL BASE



Art.	€	Jaws	Opening	Overall sizes	Base dimensions	Slot distance	Slot	Weight
M023/100	€ 200,48	100 x 35 mm	80 mm	270 x 130 x 105h mm	215 X 165 mm	195 mm	14 mm	11 kg
M023/125	€ 239,68	125 x 40 mm	100 mm	355 x 190 x 127h mm	215 X 165 mm	195 mm	14 mm	17 kg
M023/160	€ 324,80	160 x 50 mm	125 mm	422 x 235 x 162h mm	300 X 235 mm	275 mm	18 mm	32 kg
M023/200	€ 408,80	200 x 61 mm	160 mm	490 x 270 x 175h mm	300 X 235 mm	275 mm	18 mm	50 kg

M024-

MILLING MACHINE VICE WITH 360° SWIVEL BASE

M024/250



Art.	€	Jaws	Opening	Overall sizes	Base dimensions	Slot distance	Slot	Weight
M024/136	€ 173,60	136 x 32 mm	170 mm	375 x 162 x 123h mm	223 x 165 mm	200 mm	14 mm	14 kg
M024/160	€ 249,76	160 x 50 mm	180 mm	402 x 182 x 142h mm	252 x 182 mm	225 mm	14 mm	23 kg
M024/200	€ 329,28	200 x 63 mm	220 mm	470 x 234 x 172h mm	290 x 222 mm	260 mm	18 mm	33 kg
M024/250	€ 478,24	250 x 45 mm	320 mm	612 x 280 x 186h mm	290 x 270 mm	245 mm	18 mm	66 kg

M530-

TILTING MILLING MACHINE VICE WITH 360° SWIVEL BASE



Art.	€	Jaws	Opening	Overall sizes	Base dimensions	Slot distance	Slot	Weight
M530/100	€ 300,16	100 x 32 mm	90 mm	325 x 180 x 150h mm	250 x 180 mm	230 mm	14 mm	19 kg
M530/125	€ 356,16	125 x 40 mm	100 mm	360 x 206 x 165h mm	290 x 226 mm	260 mm	18 mm	26 kg
M530/160	€ 436,80	160 x 50 mm	125 mm	443 x 270 x 194h mm	- mm	- mm	- mm	35 kg

P014

STEEL PARALLEL COUPLE SET

HARDENED AND GROUND PRECISION

28 Pcs Wooden box

Overall sizes	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
Pieces	28



€ 300,16

P015

STEEL PARALLEL COUPLE SET

HARDENED AND GROUND PRECISION

18 Pcs Wooden box

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



€ 163,52

P017

€ 115,36

STEEL PARALLEL COUPLE SET

HARDENED AND GROUND PRECISION

18 Pcs Plastic box

Overall sizes	150 x 8 x (14-16-20-24-30-32-36-40-44) mm
Hardness	HRC 45
Pieces	18
Weight	4,9 kg



M027-

*CAT. 42

DRILL PRESS VICE

EQUIPPED WITH SCRAPPED GROOVES

Art.	€	Jaws	Opening	Base dimensions	Packing dimensions	Weight
M027/100	€ 148,96	100 x 44 mm	110 mm	290 x 170 mm	400 x 220 x 120 mm	8,5 kg
M027/140	€ 209,44	140 x 44 mm	140 mm	335 x 220 mm	500 x 290 x 150 mm	11,0 kg
M027/200	€ 339,36	200 x 60 mm	200 mm	430 x 280 mm	640 x 360 x 170 mm	20,0 kg



M001-

DRILL PRESS VICE

Art.	€	Jaws	Opening	Weight
M001/100	€ 56,00	100 mm	80 mm	4,2 kg
M001/120	€ 68,77	120 x 33,5 mm	110 mm	6,2 kg
M001/150	€ 86,24	150 mm	135 mm	7,5 kg



0142-

DRILL PRESS VICE

Art.	€	Jaws	Slot distance	Vice opening	Slot size	Weight
0142/75	€ 19,38	75 X 24 mm	95 mm	55 mm	9 mm	1,8 kg
0142/100	€ 27,44	100 x 25,5 mm	125 mm	85 mm	12 mm	2,8 kg
0142/125	€ 34,16	125 x 30 mm	140 mm	100 mm	13 mm	4,4 kg



0698/100
€ 86,69
TILTING VICE


Jaws	105 x 47 mm
Opening	105 mm
Holes	0°-15°-30°-45°-60°-75°-90°
Base	192 x 185 mm
Slot distance	160 mm
Overall sizes	192 x 185 x 115h mm
Weight	8,5 kg

M034/120
€ 267,68
QUICK ACTING DRILL PRESS VICE

WITH PRISMATIC JAW AND SWIVEL BASE



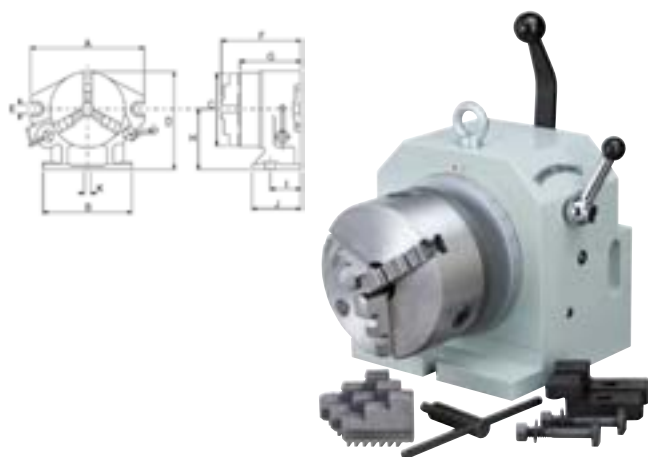
Jaws	120 x 40 mm
Opening	120 mm
Weight	7 kg

0188-
2 - WAY CROSS VICE

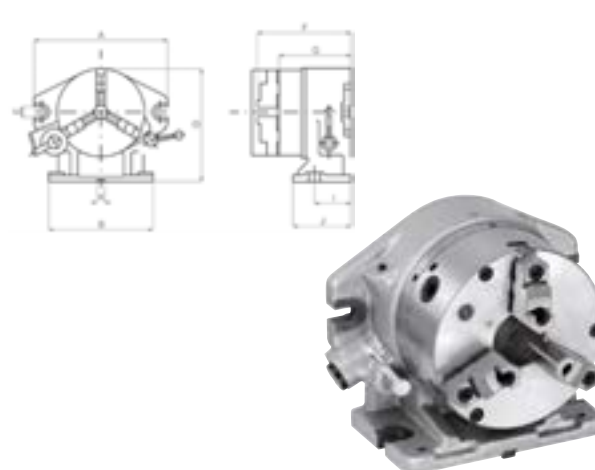

Art.	€	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Weight
0188/100	€ 81,42	100 x 25 mm	90 mm	240 x 140 mm	140 mm	130 mm	110 mm	7,5 kg
0188/125	€ 115,36	125 x 40 mm	110 mm	255 x 160 mm	150 mm	170 mm	130 mm	13 kg
0188/150	€ 145,60	150 x 40 mm	145 mm	280 x 170 mm	160 mm	160 mm	180 mm	15 kg

0188-xG
***CAT. 42**
2 - WAY CROSS VICE WITH SWIVEL BASE


Art.	€	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Weight
0188/100G	€ 137,76	100 X 25 mm	90 mm	210 x 150 mm	175 mm	130 mm	110 mm	12 kg
0188/125G	€ 155,68	125 X 40 mm	120 mm	230 x 175 mm	180 mm	150 mm	120 mm	15 kg
0188/150G	€ 176,96	150 X 45 mm	150 mm	235 x 195 mm	190 mm	170 mm	115 mm	22 kg

D023**€ 1680,00****HORIZONTAL AND VERTICAL RATCHET DIVIDING HEAD**

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

D003**€ 1321,60****HORIZONTAL AND VERTICAL DIRECT DIVIDING HEAD**

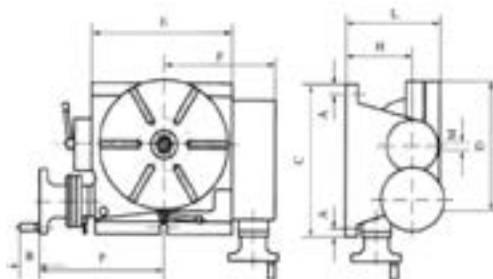
A	310 mm
B	255 mm
C	210 mm
D	259,25 mm
E	18 mm
F	214 mm
G	171,5 mm
H	149,25 mm
I	80 mm
J	130 mm
K	16 mm
Hole	62 mm
Hor. max load	50 kg
Ver. max load	10 kg
Dividing	2 - 3 - 4 - 6 - 8 - 12 - 24
Weight	52 kg

T016/100**CAT. 42 € 392,00****TILTING ROTARY TABLE**

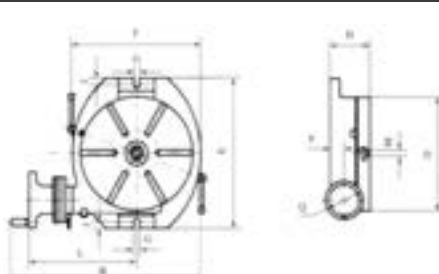
A	143 mm
B	130 mm
C	105 mm
D	102 mm
d	18 mm
H	68 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 6.35 mm 5/16" N° / mm
Horizontal height	102 mm

T017/100**CAT. 42 € 560,00****TILTING ROTARY TABLE WITH CHUCK**

Chuck sizes	100 mm
A	143 mm
B	130 mm
C	105 mm
D	102 mm
d	18 mm
H	68 mm
Revolution	360°
Tilting table	90°
Ratio	1:36
Slots	4 x 6.35 mm 5/16" N° / mm
Horizontal height	102 mm

T001-
0° ÷ 90° TILTING ROTARY TABLE


Art.	€	A	B	C	D	E	F	G	H	L	MT	Ratio	Reading	Slots	Hor. max load	Ver. max load	Weight
T001/250	€ 2251,20	14 mm	40 mm	310 mm	250 mm	252 mm	199 mm	14 mm	140 mm	205 mm	3	1:90	10"	6/12 N° / mm	200 kg	100 kg	78 kg
T001/320	€ 2475,20	16 mm	40 mm	380 mm	320 mm	322 mm	241 mm	18 mm	185 mm	257 mm	4	1:90	10"	6/14 N° / mm	250 kg	125 kg	133 kg

T012-
HORIZONTAL ROTARY TABLE


Art.	€	C	D	E	F	G	H	J	L	MT	P	Q	Reading	Ratio	Slots	Capacity	Weight
T012/500	€ 3528,00	753 mm	500 mm	640 mm	560 mm	22 mm	158,5 mm	20 mm	393 mm	5	65 mm	180 mm	10"	1:120	8/18 N° / mm	550 kg	238 kg
T012/630	€ 7414,40	898 mm	630 mm	820 mm	700 mm	22 mm	160 mm	20 mm	468 mm	5	68 mm	220 mm	10"	1:120	8/18 N° / mm	700 kg	345 kg

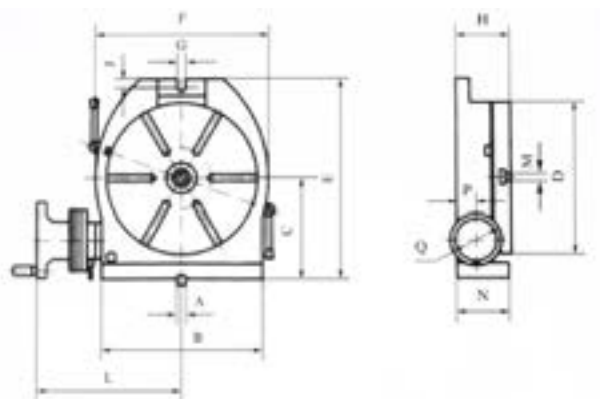
D005-
DIVIDING PLATES FOR ROTARY TABLE


Art.	€	For rotary table	Ratio	Plates holes	Hole	External
D005	€ 202,72	T001/250 - 320, T002/160 - 320	1:90	A: 34-37-38-39-41-43-44-50-52-56-6, B: 46-47-49-51-53-54-57-58-59-62-64	38 mm	130 mm
D005/100	€ 61,94	T002/100	1:72	A:10	29 mm	90 mm
D005/400	€ 227,36	T002/400	1:90	A: 34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-64	53 mm	170 mm
D005/500	€ 301,28	T012/500 T012/630	1:120	A: 33-34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-63-64	53 mm	170 mm



T002-

HORIZONTAL AND VERTICAL ROTARY TABLE



Art.	€	A	B	C	D	E	F	G	H	J	L	MT	N	P	Q	Reading	Ratio	Slots	Hor. max load	Ver. max load	Weight
T002/100	€ 555,52	10	125	70	100	125	125	0	70	0	104	2	48	30	50	10"	1:72	4/6 N° / mm	20 kg	10 kg	7 kg
T002/160	€ 698,88	12	186	125	160	242	196	12	85	12	194	2	82	37	125	10"	1:90	4/10 N° / mm	100 kg	50 kg	23 kg
T002/200	€ 815,36	14	208	150	200	285	236	14	100	15	211	3	99	48	125	10"	1:90	4/12 N° / mm	150 kg	75 kg	30,5 kg
T002/250	€ 862,40	14	253	170	250	328	286	14	110	16	241	4	106	48	125	10"	1:90	6/12 N° / mm	200 kg	100 kg	44 kg
T002/320	€ 1388,80	18	321	210	320	410	360	18	120	16	273	4	118	48	125	10"	1:90	6/14 N° / mm	250 kg	125 kg	75 kg
T002/400	€ 1937,60	18	400	260	400	525	450	18	150	16	337	4	145	70	160	10"	1:90	6/14 N° / mm	300 kg	150 kg	174 kg

C054

€ 206,08

ADJUSTABLE TAILSTOCK



For rotary table	T002/160
MT	-
Center height	85 - 135 mm
Weight	9 kg

C051

€ 272,16

ADJUSTABLE TAILSTOCK



For rotary table	T001/250 - T002/200 - T002/250
MT	2
Center height	140 - 180 mm
Weight	18 kg

C052

€ 351,68

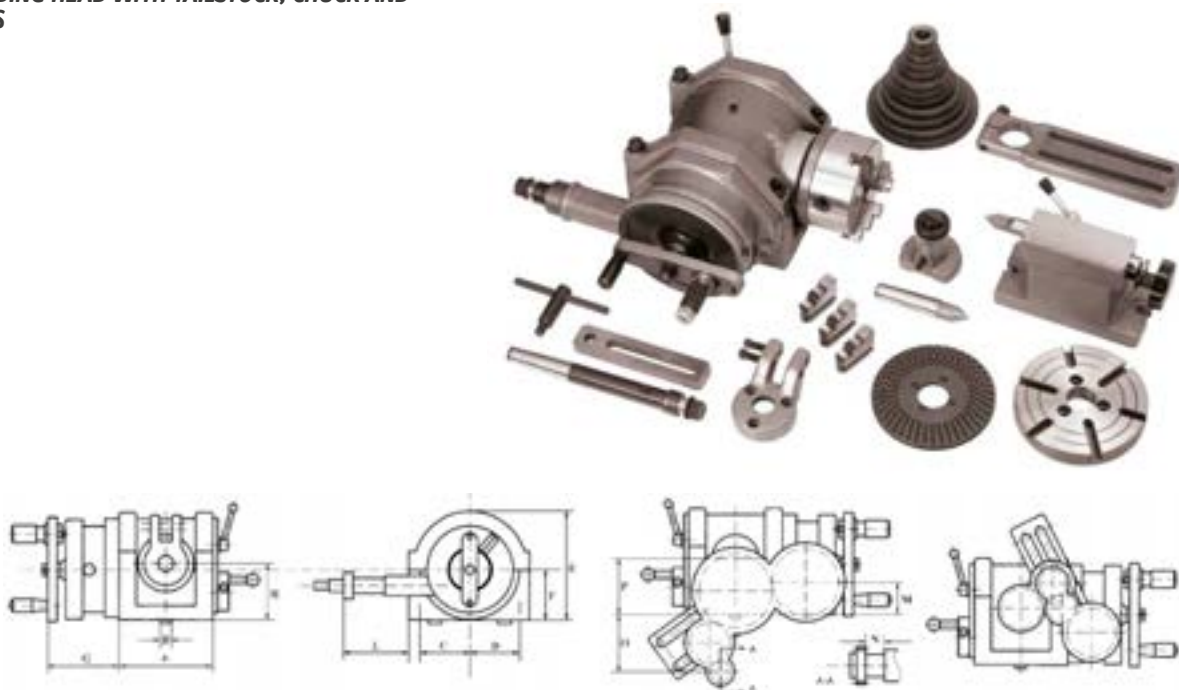
ADJUSTABLE TAILSTOCK



For rotary table	T002/320 - T001/320
MT	2
Center height	180 - 224 mm
Weight	21 kg

COMPATIBILITY CHART

Art.	€	D003	D023	T001/250	T001/320	T012/500	T012/630	T002/100	T002/160	T002/200	T002/250	T002/320	T002/400	D004/100L	D004/125L	D004/160L	D006/100	D006/128	PAG
D005	202,72			•	•				•	•	•	•							148
D005/100	61,94							•											148
D005/400	227,36												•						148
D005/500	301,28					•	•												148
C054	206,08		•						•										149
C051	272,16	•		•						•	•								149
C052	351,68				•							•							149
M049/125	189,28													•			•		158
M049/160	249,76		•												•			•	158
M449/125	218,40													•			•		158
M449/160	275,52		•												•			•	158
M049/200	344,96															•			158
M449/200	389,76															•			158
C053/2	17,92																•		155
C053/3	19,82			•										•				•	155
C053/4	29,23				•										•	•			155

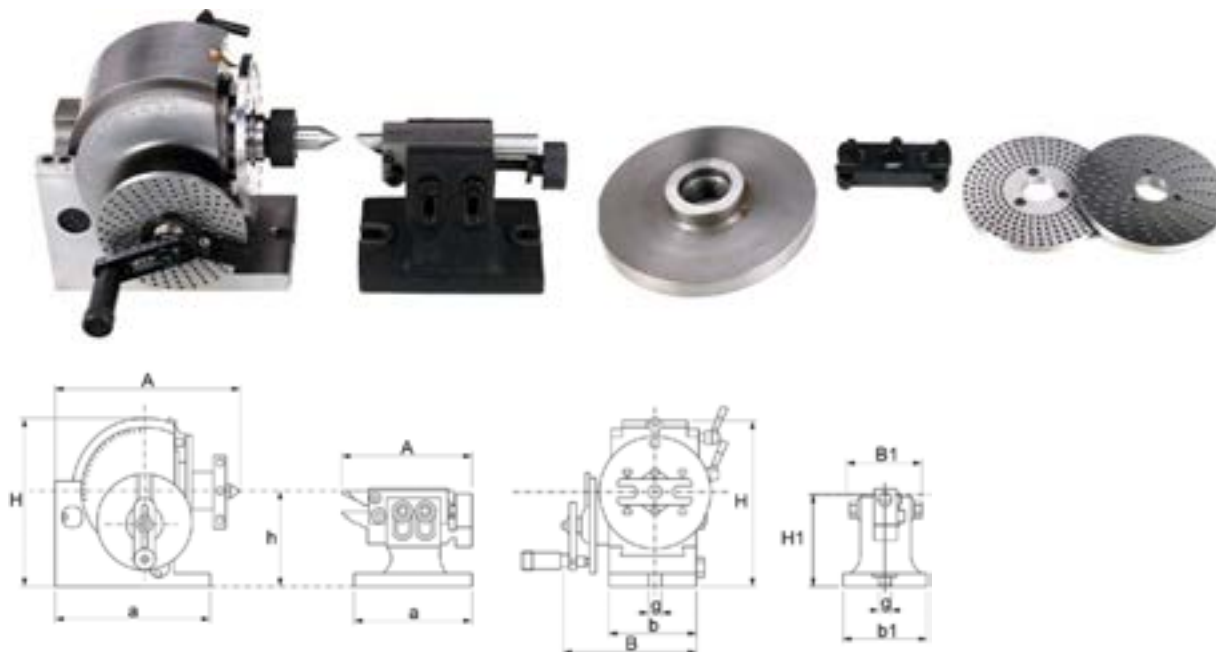
D004-
UNIVERSAL DIVIDING HEAD WITH TAILSTOCK, CHUCK AND DIVIDING PLATES


Art.	€	A	B	C	D	E	F	G	H	L	MT	N	P	Q	Chuck sizes	Ratio	Capacity	Weight	Plates holes
D004/100L	€ 2195,20	162 mm	14 mm	102 mm	87 mm	186 mm	95 mm	116 mm	100 mm	93 mm	3 mm	30 mm	100 mm	100 mm	Ø 125 mm	1:40	100 kg	67 / 79 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66
D004/125L	€ 2452,80	209 mm	18 mm	116 mm	98 mm	224 mm	117 mm	120 mm	125 mm	103 mm	4 mm	34,5 mm	100 mm	125 mm	Ø 160 mm	1:40	130 kg	119 / 132 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66
D004/160L	€ 2744,00	209 mm	18 mm	116 mm	98 mm	259 mm	152 mm	120 mm	160 mm	103 mm	4 mm	34,5 mm	100 mm	160 mm	Ø 200 mm	1:40	130 kg	125 / 140 kg	24-25-28-30-34-37-38-39-41-42-43-46-47-49-51-53-54-57-58-59-62-66

D006-

SEMI UNIVERSAL DIVIDING HEAD WITH TAILSTOCK AND DIVIDING PLATES

CHUCK NOT INCLUDED

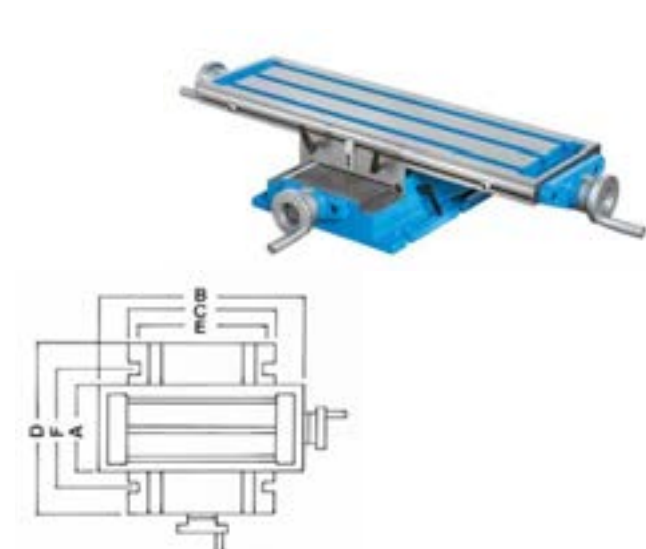


Art.	€	A	B	H	h	a	b	G	A1	B1	H1	h1	a1	b1	g1	Suitable chuck	Hole	MT	Ratio	Plates holes	Weight
D006/100	€ 757,12	193 mm	131 mm	173 mm	100 mm	166 mm	90 mm	16 mm	175 mm	87 mm	102 mm	100 mm	130 mm	82 mm	16 mm	Ø 125 mm	ø 18 mm	2	1:40	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	21 kg
D006/128	€ 1232,00	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	16 mm	Ø 160 mm	ø 20 mm	3	1:40	15-16-17-18-19-20-21-23-27-29-31-33-37-39-41-43-47-49	30 kg

T013

€ 1086,40

CROSS WORKING TABLE



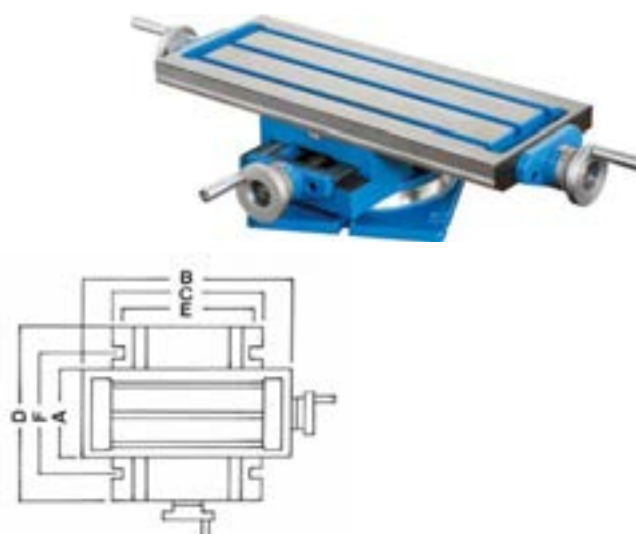
A	210 mm
B	730 mm
C	315 mm
D	395 mm
E	240 mm
F	300 mm
Slot	14 mm
Height	155 mm
Travels	160 x 360 mm
Signs	0,05 mm
Packing dimensions	960 x 510 x 280 mm
Weight	75 kg

T014G

€ 924,00

CROSS WORKING TABLE

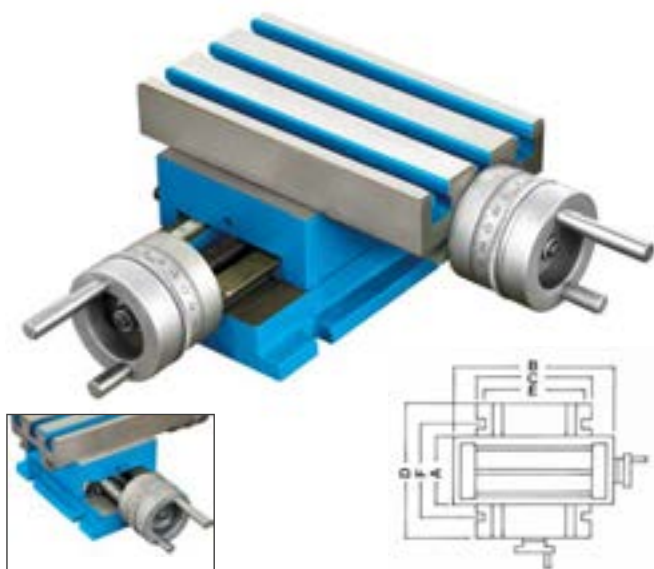
SWIVEL



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
Signs	0,02 mm
Packing dimensions	770 x 440 x 230 mm
Weight	60 kg

T015

€ 489,44

CROSS WORKING TABLE


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
Signs	0,01 mm
Packing dimensions	290 x 240 x 140 mm
Weight	10 kg

T008

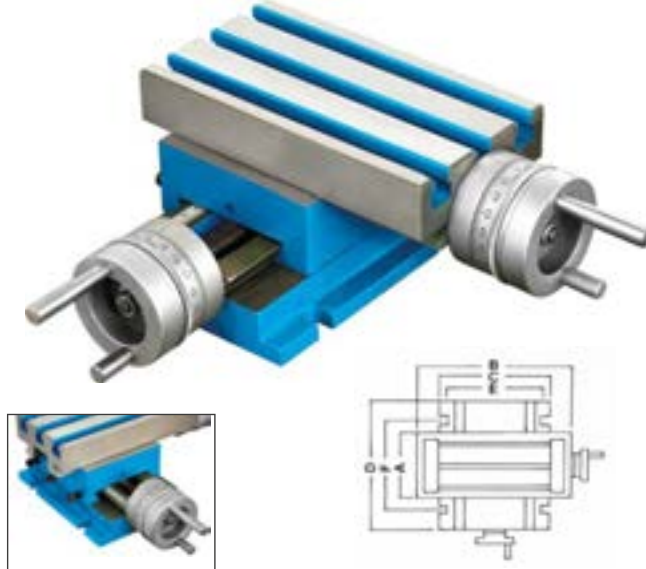
€ 302,40

CROSS WORKING TABLE


Table dimensions	475 x 153 x 130h mm
Travels	120 x 325 mm
Base dimensions	200 x 270 mm
Base locating slot	162 mm
Slot distance	75 mm
Slot	16 mm
Weight	23 kg

T015/E

€ 259,84

CROSS WORKING TABLE


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
Signs	0,01 mm
Packing dimensions	290 x 280 x 180 mm
Weight	10 kg

T018/350

CAT. 42 € 143,36

ALUMINIUM CROSS WORKING TABLE

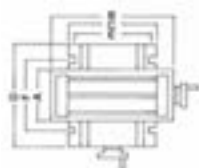

A	350 mm
B	100 mm
C	190 mm
D	160 mm
Height	120 mm
Slot	14 mm
Travels	180 x 50 mm
Reading	0.05 mm
Weight	6,00 kg

T018/330

CAT. 42 € 76,50

ALUMINIUM CROSS WORKING TABLE

A	330 mm
B	95 mm
C	145 mm
D	125 mm
Height	82 mm
Slot	14 mm
Travels	190 x 65 mm
Signs	0,05 mm
Weight	2.50 kg



T004-

ADJUSTABLE ANGLE PLATE

WITH TILTING REGULATION ON BOTH SIDES



Art.	€	Dimensions	Slot	Tilting	Weight
T004/250	€ 356,16	255 x 180 x 135h mm	12 mm	± 36°	20 kg
T004/380	€ 540,96	380 x 250 x 180h mm	16 mm	± 36°	51 kg
T004/600	€ 921,76	610 x 305 x 253h mm	18 mm	± 36°	122 kg

P770-

MAGNETIC CHUCK

WITH FIXED POLARITY. IT ALLOWS THE MACHINING OF SMALL AND LOW THICKNESS PIECES DUE TO FINE PITCH



Art.	€	Dimensions	Max. magnetic force	Pole pitch	Weight
P770/1	€ 639,52	150 x 300 x 48h mm	120 N/cm2	0,5 + 1,5 mm	18 kg
P770/2	€ 735,84	150 x 350 x 48h mm	120 N/cm2	0,5 + 1,5 mm	21 kg
P770/3	€ 1467,20	200 x 500 x 53h mm	120 N/cm2	0,5 + 1,5 mm	44 kg

P07x

PERMANENT MAGNETIC CHUCKS



Art.	€	Dimensions	Max. magnetic force	Pole pitch	Weight
P070	€ 560,00	260 x 125 x 75h mm	120 N/cm2	16 / 12+4 mm	16 kg
P071	€ 757,12	300 x 150 x 75h mm	120 N/cm2	16 / 12+4 mm	21 kg
P072	€ 899,36	350 x 150 x 75h mm	120 N/cm2	16 / 12+4 mm	26 kg
P073	€ 1388,80	500 x 200 x 80h mm	120 N/cm2	16 / 12+4 mm	48 kg

K001-

CLAMPING KIT



58 Pz

Art.	€	Slot	MA	Set pc
K001/12	€ 103,82	12 mm	10	58
K001/14	€ 115,36	14 mm	12	58
K001/16	€ 134,40	16 mm	14	58
K001/18	€ 168,00	18 mm	16	58



K002-

CLAMPING SET

STEP BLOCK IN POWDER METALLURGY WITH ZN COATING AND CLAMPS STRAPS IN #45 STEEL WITH ZN COATING

6 Pz

Art.	€	2 Step blocks	2 Clamp	2 Studs with Tee nuts	Slot	Weight
K002/08	€ 27,89	25 x 25 x 42 mm	100 x 25 x 15 mm	M6 x 100 mm	8 mm	1 kg
K002/10	€ 29,79	25 x 25 x 42 mm	100 x 25 x 15 mm	M8 x 100 mm	10 mm	1 kg
K002/12	€ 32,70	25 x 25 x 42 mm	100 x 25 x 15 mm	M10 x 100 mm	12 mm	1 kg
K002/14	€ 38,42	25 x 25 x 42 mm	100 x 31 x 19 mm	M12 x 100 mm	14 mm	1.15 kg



C046-

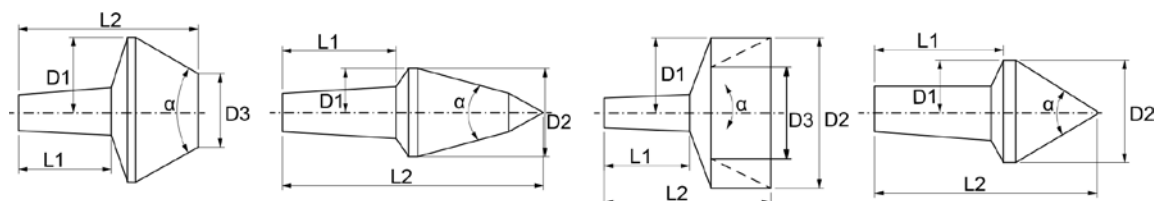
ROTARY LIVE CENTER

Art.	€	MT	Center	Body	Length
C046/2	€ 68,32	2	60°	Ø 45 mm	155 mm
C046/3	€ 82,88	3	60°	Ø 53 mm	175 mm
C046/4	€ 87,81	4	60°	Ø 63 mm	208 mm
C046/5	€ 120,96	5	60°	Ø 87 mm	256 mm



C050-

PRECISION LIVE CENTER SET



Art.	€	A	B	C	D	E	F	G	MT
C050/2	€ 164,64	L2 39 mm - D2-D3 16 mm - α 60°	L2 35,5 mm - D2-D3 16 mm - α 75°	L2 33 mm - D2-D3 16 mm - α 90°	L2 46 mm - D2-D3 16 mm - α 60°	L2 40 mm - D2-D3 25 mm / 10 mm - α 60°	L2 36 mm - D2-D3 16 mm / 10 mm - α 60°	L2 39 mm - D2-D3 20 mm / 16 mm - α 60°	2
C050/3	€ 184,80	L2 48 mm - D2-D3 20 mm - α 60°	L2 43,5 mm - D2-D3 20 mm - α 75°	L2 40,5 mm - D2-D3 20 mm - α 90°	L2 56 mm - D2-D3 18 mm - α 60°	L2 50 mm - D2-D3 35 mm / 15 mm - α 60°	L2 42 mm - D2-D3 22 mm / 18 mm - α 60°	L2 48 mm - D2-D3 35 mm / 30 mm - α 60°	3
C050/4	€ 268,80	L2 61,5 mm - D2-D3 28 mm - α 60°	L2 55,5 mm - D2-D3 28 mm - α 75°	L2 51,5 mm - D2-D3 28 mm - α 90°	L2 73 mm - D2-D3 26 mm - α 60°	L2 61,5 mm - D2-D3 55 mm / 30 mm - α 60°	L2 55 mm - D2-D3 40 mm / 35 mm - α 60°	L2 60 mm - D2-D3 55 mm / 48 mm - α 60°	4

C055-

TUBE ROTARY LIVE CENTER

Art.	€	MT	Ø	Length	Speeds
C055/3	€ 197,12	3	30 ÷ 100 mm	170 mm	max 2500 rpm
C055/4	€ 278,88	4	40 ÷ 160 mm	230 mm	max 1600 rpm
C055/5	€ 390,88	5	66 ÷ 200 mm	260 mm	max 1500 rpm



C053-

CARBIDE TIPPED DEAD CENTER

Art.	€	MT	Carbide center max	Length
C053/2	€ 17,92	2 - 60°	Ø 8 mm	100 mm
C053/3	€ 19,82	3 - 60°	Ø 11 mm	125 mm
C053/4	€ 29,23	4 - 60°	Ø 13 mm	160 mm
C053/5	€ 45,36	5 - 60°	Ø 17 mm	200 mm



ST45-
PRECISION MORSE TAPER REDUCTION SLEEVE


Art.	€	MT
ST45/2/1	€ 10,64	2 / 1
ST45/3/1	€ 12,99	3 / 1
ST45/3/2	€ 13,89	3 / 2
ST45/4/1	€ 17,92	4 / 1
ST45/4/2	€ 17,92	4 / 2
ST45/4/3	€ 17,92	4 / 3
ST45/5/3	€ 28,56	5 / 3
ST45/5/4	€ 28,56	5 / 4

A001-
PRECISION DRILL CHUCK SHANK


Art.	€	MT	B
A001/2/12	€ 8,51	2	12 mm
A001/2/16	€ 9,63	2	16 mm
A001/2/18	€ 9,97	2	18 mm
A001/3/12	€ 14,90	3	12 mm
A001/3/16	€ 14,90	3	16 mm
A001/3/18	€ 14,90	3	18 mm
A001/3/22	€ 14,90	3	22 mm
A001/4/16	€ 17,92	4	16 mm
A001/4/18	€ 17,92	4	18 mm
A001/4/22	€ 17,92	4	22 mm

E002-
DRIFT SLEEVES


Art.	€	MT
E002/12	€ 7,39	1-2
E002/3	€ 7,39	3
E002/4	€ 10,64	4

ST45-xL
EXTENDED MORSE TAPER ADAPTERS


Art.	€	MT	L	L	D	Weight
ST45/2/1L	€ 16,80	2/1	160 mm	85 mm	20 mm	0.00 kg
ST45/2/2L	€ 20,50	2/2	175 mm	100 mm	30 mm	0.00 kg
ST45/2/3L	€ 23,30	2/3	196 mm	121 mm	36 mm	0.00 kg
ST45/3/1L	€ 21,95	3/1	175 mm	81 mm	20 mm	0.00 kg
ST45/3/2L	€ 23,30	3/2	194 mm	100 mm	30 mm	0.00 kg
ST45/3/3L	€ 32,70	3/3	215 mm	121 mm	36 mm	0.00 kg
ST45/3/4L	€ 42,00	3/4	240 mm	146 mm	48 mm	0.00 kg
ST45/4/1L	€ 34,05	4/1	200 mm	82,5 mm	20 mm	0.00 kg
ST45/4/2L	€ 35,06	4/2	215 mm	97,5 mm	30 mm	0.00 kg
ST45/4/3L	€ 42,45	4/3	240 mm	122,5 mm	36 mm	0.00 kg
ST45/4/4L	€ 47,15	4/4	265 mm	147,5 mm	48 mm	0.00 kg
ST45/4/5L	€ 67,65	4/5	300 mm	182,5 mm	63 mm	0.00 kg
ST45/5/1L	€ 55,10	5/1	232 mm	82,5 mm	20 mm	0.00 kg
ST45/5/2L	€ 56,00	5/2	247 mm	97,5 mm	30 mm	0.00 kg
ST45/5/3L	€ 56,00	5/3	268 mm	118,5 mm	36 mm	0.00 kg
ST45/5/4L	€ 63,50	5/4	300 mm	150,5 mm	48 mm	0.00 kg
ST45/5/5L	€ 92,85	5/5	335 mm	185,5 mm	63 mm	0.00 kg
ST45/5/6L	€ 159,04	5/6	396 mm	247 mm	82 mm	0.00 kg

M050-
KEYLESS CHUCK


Art.	€	Capacity	Shank
M050/10	€ 11,98	1 ÷ 10 mm	3/8 24 UNF
M050/13	€ 14,67	2 ÷ 13 mm	1/2 20 UNF

M080/10
€ 16,58
KEYLESS CHUCK WITH LOCK


Capacity	0,8 ÷ 10 mm
Shank	3/8 24 UNF

M080/13
€ 17,92
KEYLESS CHUCK WITH LOCK


Capacity	2 ÷ 13 mm
Shank	1/2 20 UNF

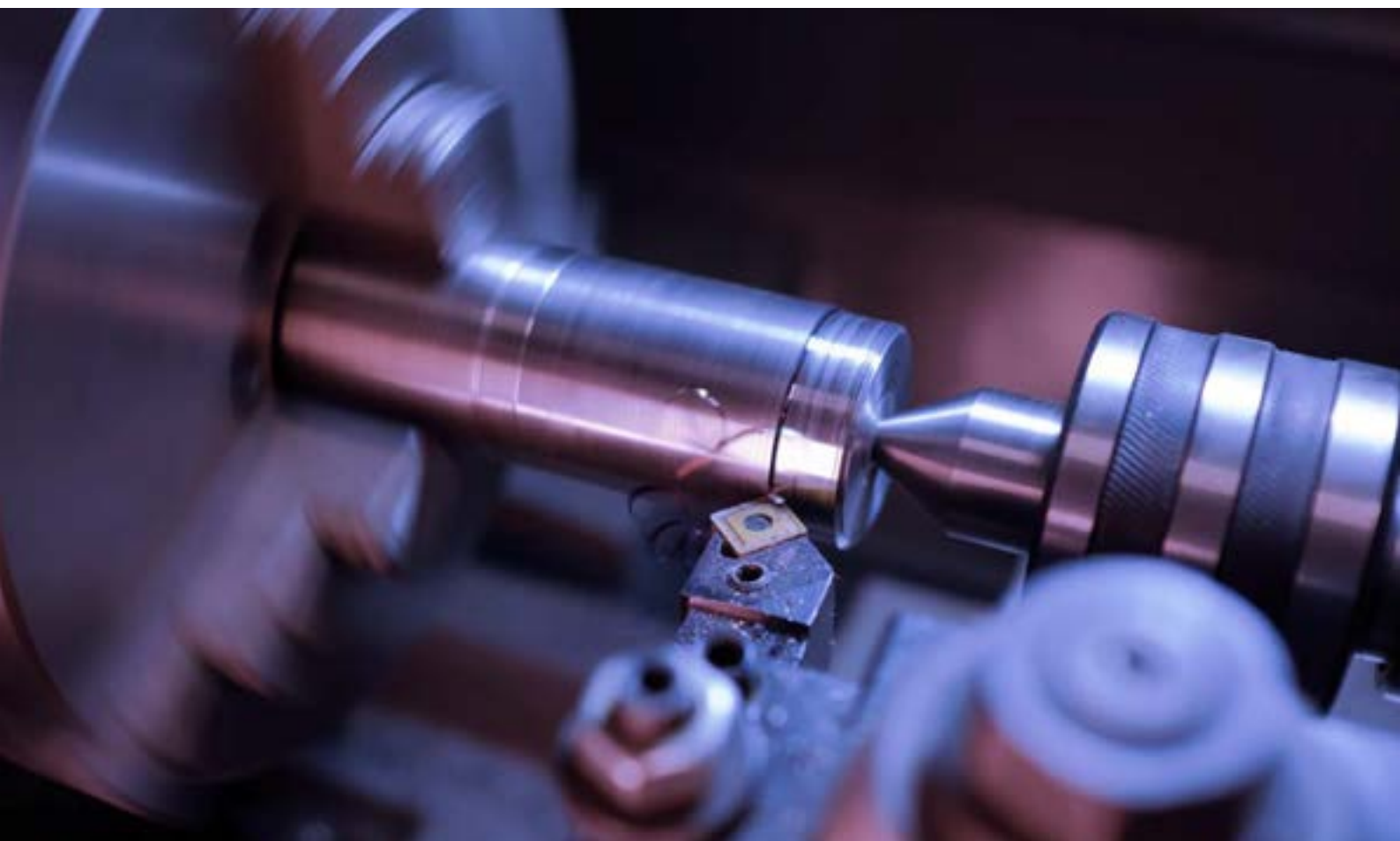
M051-**HIGH PRECISION 3 JAWS KEYLESS DRILL CHUCK**

Art.	€	Capacity	Taper DIN	Dimension	Dimension
M051/08	€ 52,30	0,5 ÷ 8 mm	B 12	Ø 39 mm	80h mm
M051/10	€ 52,30	1 ÷ 10 mm	B 12	Ø 44,5 mm	82h mm
M051/13	€ 61,38	1 ÷ 13 mm	B 16	Ø 49,5 mm	91h mm
M051/16	€ 74,03	1 ÷ 16 mm	B 18	Ø 54 mm	102,5h mm
M051/20	€ 95,20	1 ÷ 20 mm	B 22	Ø 59 mm	119h mm

FD0x-**MOUNTING WITH STUD**

WITH ROUGHLY MACHINE CHUCK SIDE

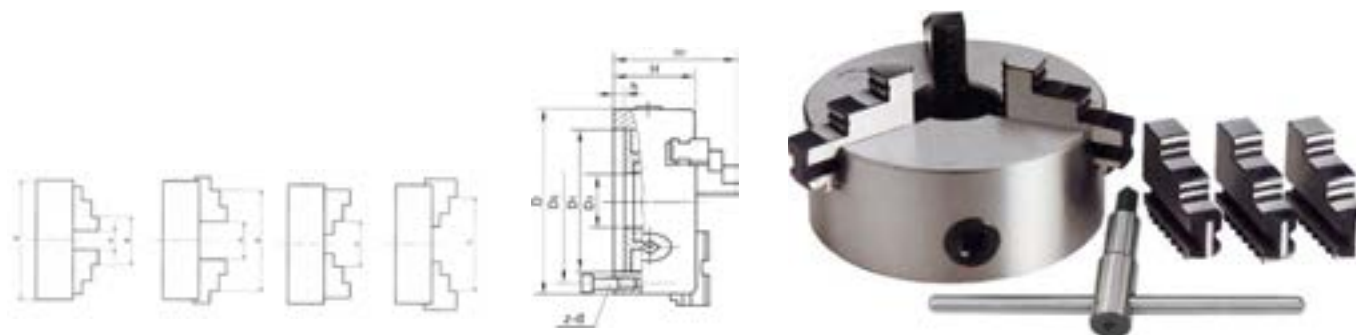
Art.	€	Cam lock Type	Size	Thickness	Pins
FD04/200	€ 184,80	4"	Ø 200 mm	28 mm	Ø 15,9 mm
FD05/200	€ 184,80	5"	Ø 200 mm	30 mm	Ø 19 mm
FD05/250	€ 254,24	5"	Ø 250 mm	30 mm	Ø 19 mm
FD06/250	€ 259,84	6"	Ø 250 mm	30 mm	Ø 22 mm
FD06/380	€ 344,96	6"	Ø 400 mm	30 mm	Ø 22 mm
FD08/250	€ 262,08	8"	Ø 250 mm	30 mm	Ø 25,4 mm
FD08/320	€ 301,28	8"	Ø 320 mm	30 mm	Ø 25,4 mm
FD08/380	€ 458,08	8"	Ø 400 mm	30 mm	Ø 25,4 mm
FD08/500	€ 527,52	8"	Ø 500 mm	36 mm	Ø 25,4 mm
FD11/320	€ 319,20	11"	Ø 320 mm	30 mm	Ø 30,0 mm
FD11/400	€ 439,04	11"	Ø 400 mm	30 mm	Ø 30,0 mm
FD11/500	€ 561,12	11"	Ø 500 mm	36 mm	Ø 30 mm



M049-

PRECISION SELF CENTERING

3+3 JAWS CHUCK



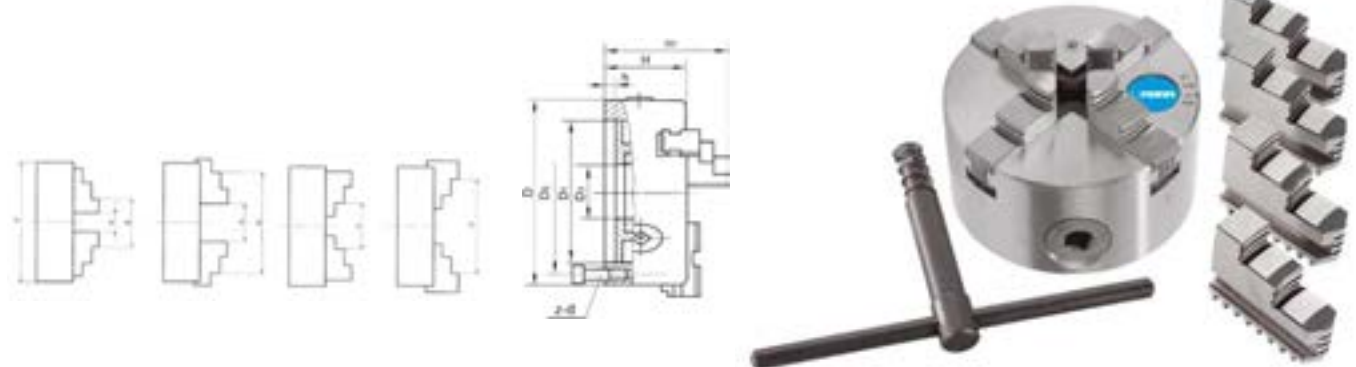
Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square
M049/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	3,5 mm	3-M6 mm	8 mm
M049/100	100 mm	72 mm	84 mm	22 mm	74,5 mm	55 mm	3,5 mm	3-M8 mm	8 mm
M049/125	125 mm	95 mm	108 mm	30 mm	78 mm	55 mm	3,5 mm	3-M8 mm	10 mm
M049/160	160 mm	130 mm	142 mm	40 mm	95 mm	65 mm	5 mm	3-M8 mm	12 mm
M049/200	200 mm	165 mm	180 mm	60 mm	109 mm	75 mm	5 mm	3-M10 mm	12 mm
M049/250	250 mm	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3-M12 mm	12 mm
M049/320	320 mm	270 mm	290 mm	100 mm	152,5 mm	95 mm	11 mm	3-M16 mm	13 mm
M049/400	400 mm	340 mm	368 mm	130 mm	158 mm	100 mm	6 mm	3-M16 mm	17 mm

Art.	€	D	A - A1	B - B1	C - C1	Weight
M049/080	€ 160,16	80 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	2 kg
M049/100	€ 179,20	100 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,3 kg
M049/125	€ 189,28	125 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	4,8 kg
M049/160	€ 249,76	160 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	9,1 kg
M049/200	€ 344,96	200 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	15,7 kg
M049/250	€ 402,08	250 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	30 kg
M049/320	€ 711,20	320 mm	10 - 140 mm	95 - 320 mm	100 - 320 mm	47,5 kg
M049/400	€ 1105,44	400 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	74 kg

M449-

PRECISION SELF CENTERING

4+4 JAWS CHUCK

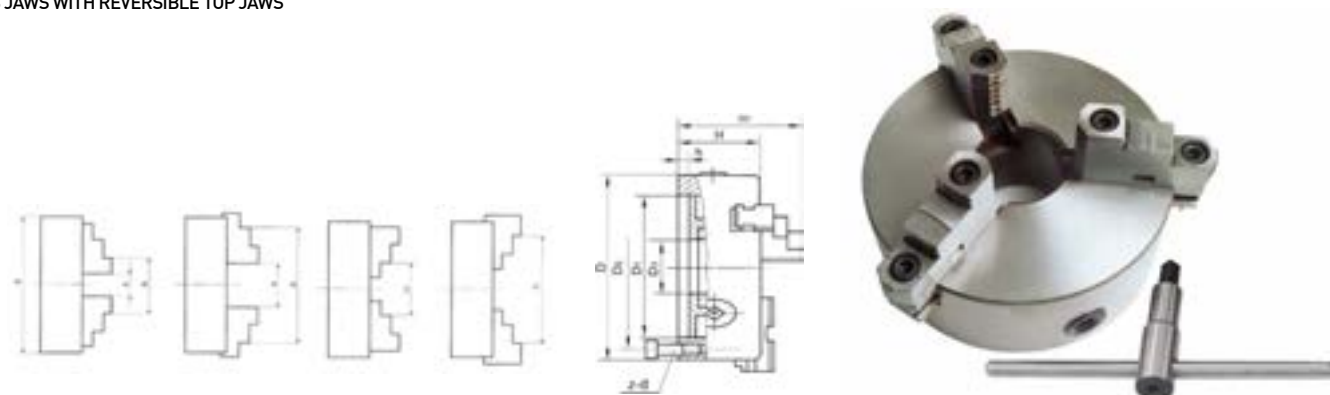


Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square
M449/080	80 mm	55 mm	66 mm	16 mm	66 mm	50 mm	3,5 mm	3 - M6 mm	8 mm
M449/100	100 mm	72 mm	84 mm	22 mm	74,5 mm	55 mm	3,5 mm	3 - M8 mm	8 mm
M449/125	125 mm	95 mm	108 mm	30 mm	84 mm	58 mm	4 mm	3 - M8 mm	10 mm
M449/160	160 mm	130 mm	142 mm	40 mm	95 mm	65 mm	5 mm	3 - M8 mm	10 mm
M449/200	200 mm	165 mm	187 mm	65 mm	109 mm	75 mm	5 mm	3 - M10 mm	12 mm
M449/250	250 mm	206 mm	226 mm	80 mm	120 mm	80 mm	5 mm	3 - M12 mm	12 mm
M449/320	320 mm	270 mm	290 mm	100 mm	152,5 mm	95 mm	11 mm	3-M16 mm	13 mm
M449/400	400 mm	340 mm	368 mm	130 mm	158 mm	100 mm	6 mm	3-M16 mm	17 mm

Art.	€	D	A - A1	B - B1	C - C1	Weight
M449/080	€ 168,00	80 mm	2 - 22 mm	25 - 70 mm	22 - 63 mm	2 kg
M449/100	€ 189,28	100 mm	2 - 30 mm	30 - 90 mm	30 - 80 mm	3,5 kg
M449/125	€ 218,40	125 mm	2,5 - 40 mm	38 - 125 mm	38 - 110 mm	5,5 kg
M449/160	€ 275,52	160 mm	3 - 55 mm	50 - 160 mm	55 - 145 mm	9,4 kg
M449/200	€ 389,76	200 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	17,5 kg
M449/250	€ 504,00	250 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	28,9 kg
M449/320	€ 865,76	320 mm	10 - 140 mm	95 - 320 mm	100 - 320 mm	47,5 kg
M449/400	€ 1344,00	400 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	74 kg

M005-**PRECISION SELF CENTERING CHUCK**

3 JAWS WITH REVERSIBLE TOP JAWS



Art.	D	D1	D2	D3	H1	H	h	z-d	Spanner square
M005/200	200 mm	165 mm	180 mm	65 mm	122 mm	75 mm	5 mm	3-M10 mm	12 mm
M005/250	250 mm	206 mm	226 mm	80 mm	135 mm	80 mm	5 mm	3-M12 mm	12 mm
M005/320	320 mm	270 mm	290 mm	100 mm	135 mm	90 mm	6 mm	3-M16 mm	14 mm
M005/400	400 mm	340 mm	368 mm	130 mm	172 mm	100 mm	6 mm	3-M16 mm	17 mm
M005/500	500 mm	440 mm	465 mm	200 mm	202 mm	115 mm	6 mm	6-M16 mm	17 mm
M005/630	630 mm	560 mm	595 mm	260 mm	218 mm	130 mm	7 mm	6-M16 mm	19 mm

Art.	€	D	A - A1	B - B1	C - C1	Weight
M005/200	€ 344,96	200 mm	4 - 85 mm	65 - 200 mm	65 - 200 mm	18 kg
M005/250	€ 402,08	250 mm	6 - 110 mm	80 - 250 mm	90 - 250 mm	29 kg
M005/320	€ 633,92	320 mm	10 - 140 mm	95 - 315 mm	100 - 315 mm	55 kg
M005/400	€ 1020,32	400 mm	15 - 210 mm	120 - 400 mm	120 - 400 mm	80 kg
M005/500	€ 1736,00	500 mm	25 - 280 mm	150 - 500 mm	150 - 500 mm	132 kg
M005/630	€ 4905,60	630 mm	50 - 350 mm	170 - 630 mm	170 - 630 mm	200 kg

P444-**CAT. 42****4 JAW INDEPENDENT CHUCK**

WITH CHUCK KEY



Art.	€	D	D1	D2	D3	H1	H	h	z-d	Spanner square	Weight
P444/160	€ 216,16	160 mm	65 mm	95 mm	45 mm	67 mm	97 mm	4 mm	4 - M10 mm	10 mm	8.8 kg
P444/200	€ 282,24	200 mm	75 mm	95 mm	56 mm	75 mm	107 mm	6 mm	4 - M10 mm	10 mm	13.2 kg
P444/250	€ 376,32	250 mm	110 mm	130 mm	100 mm	80 mm	120 mm	6 mm	4 - M12 mm	12 mm	21.4 kg
P444/320	€ 603,68	320 mm	140 mm	165 mm	95 mm	90 mm	134 mm	6 mm	4 - M16 mm	14 mm	43 kg
P444/400	€ 790,72	400 mm	160 mm	185 mm	125 mm	95 mm	141 mm	8 mm	4 - M16 mm	14 mm	63 kg

M049-xST

3 SOLID SOFT JAWS SET



Art.	€	Diameter
M049/125ST	€ 86,58	Ø 125 mm
M049/160ST	€ 96,10	Ø 160 mm

M449-xST

4 SOLID SOFT JAWS SET



Art.	€	Diameter
M449/125ST	€ 106,40	Ø 125 mm
M449/160ST	€ 124,32	Ø 160 mm

M049-xGBD

3 SOFT JAWS SET



Art.	€	Diameter
M049/200GBD	€ 168,00	Ø 200 mm
M049/250GBD	€ 221,76	Ø 250 mm
M049/320GBD	€ 310,24	Ø 320 mm
M049/400GBD	€ 398,72	Ø 400 mm

M449-xGBD

4 SOFT JAWS SET



Art.	€	Diameter
M449/200GBD	€ 249,76	Ø 200 mm
M449/250GBD	€ 331,52	Ø 250 mm
M449/320GBD	€ 490,56	Ø 320 mm
M449/400GBD	€ 624,96	Ø 400 mm

2622x

SOFT TOP JAW FOR CHUCKS

Art.	€	Ø	Slot distance
M075/160T	€ 23,52	160 mm	38,1 mm
M075/200T	€ 25,98	200 mm	44,50 mm
M075/250T	€ 28,00	250 mm	54 mm
M075/315T	€ 35,06	315 mm	63,5 mm
262206R	€ 71,34	400 mm	76,2 mm
262207R	€ 99,01	500 - 630 mm	76,2 mm



M059-**REVERSIBLE TAPPING CHUCK WITH ADJUSTABLE CLUTCH**

Art.	€	Tapping range	Dimensions w/o MT	MT	Shank	Weight
M059/07	€ 453,60	M 2 - 7	Ø 55 x 130h mm	2	B16	2 kg
M059/12	€ 519,68	M 5 - 12	Ø 75 x 162h mm	3	B16	2,75 kg
M059/20	€ 636,16	M 8 - 20	Ø 91 x 204h mm	4	B22	5 kg

M060-**TAPPING CHUCK**

WITH ADJUSTABLE CLUTCH HOLDERS AND AXIAL COMPENSATION, 6 HOLDERS
SHANK FOR TAPPING WITH Ø 19 mm, HOLE HOLDERS FOR SQUARE 3,5 X 2,7 mm - 4,5
X 3,4 mm - 6 X 4,9 mm - 8 X 6,2 mm - 10 X 8 mm - 9 X 7 mm



Art.	€	Tapping range	Arbor length with and without holder	MT	Weight
M060/2	€ 418,88	M 3 - 12	213 - 175 - Ø 46 mm	2	3 kg
M060/3	€ 418,88	M 3 - 12	228 - 190 - Ø 46 mm	3	3,2 kg
M060/4	€ 448,00	M 3 - 12	253 - 215 - Ø 46 mm	4	3,6 kg

M004-**HOLE CUTTER SHANK WITH COOLANT SYSTEM AND WELDON SHANK**

MT2 HOLE



Art.	€	Spindle taper MT	Total length	Female junction	Weight
M004/2	€ 166,88	2	170,5 mm	Weldom 19,05 mm	0,76 kg
M004/3	€ 166,88	3	190,5 mm	Weldom 19,05 mm	0,95 kg

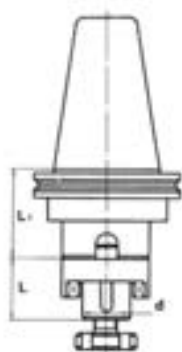
16Ax

ARBOR FOR MILLING CUTTERS

BALANCED CHUCK BODY

DIN 69871/A

Art.	€	ISO	d-h6	L	L1	Balancing rpm
16A40	€ 101,92	40	16 mm	27 mm	35 mm	12000
22A40	€ 101,92	40	22 mm	31 mm	41 mm	12000
27A40	€ 101,92	40	27 mm	33 mm	41 mm	12000
32A40	€ 113,12	40	32 mm	38 mm	45 mm	12000
16A50	€ 141,12	50	16 mm	27 mm	35 mm	12000
22A50	€ 141,12	50	22 mm	31 mm	35 mm	12000
27A50	€ 141,12	50	27 mm	33 mm	35 mm	12000
32A50	€ 151,20	50	32 mm	38 mm	40 mm	12000
40A50	€ 164,64	50	40 mm	41 mm	40 mm	12000



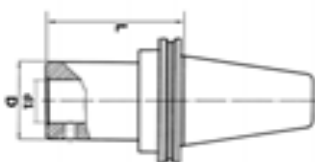
4-

WELDON SHANK TOOL HOLDER

BALANCED CHUCK BODY

DIN 69871/A

Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/06A40	€ 82,88	40	6 mm	25 mm	60 mm	12000
4/08A40	€ 82,88	40	8 mm	28 mm	60 mm	12000
4/10A40	€ 82,88	40	10 mm	35 mm	50 mm	12000
4/12A40	€ 82,88	40	12 mm	42 mm	60 mm	12000
4/14A40	€ 82,88	40	14 mm	42 mm	70 mm	12000
4/16A40	€ 82,88	40	16 mm	48 mm	70 mm	12000
4/18A40	€ 82,88	40	18 mm	48 mm	70 mm	12000
4/20A40	€ 82,88	40	20 mm	52 mm	63 mm	12000
4/25A40	€ 82,88	40	25 mm	40 mm	100 mm	12000
4/32A40	€ 82,88	40	32 mm	72 mm	100 mm	12000
4/06A50	€ 114,24	50	6 mm	25 mm	65 mm	12000
4/08A50	€ 114,24	50	8 mm	28 mm	65 mm	12000



Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/10A50	€ 114,24	50	10 mm	35 mm	70 mm	12000
4/12A50	€ 114,24	50	12 mm	42 mm	75 mm	12000
4/14A50	€ 114,24	50	14 mm	42 mm	75 mm	12000
4/16A50	€ 114,24	50	16 mm	48 mm	80 mm	12000
4/18A50	€ 114,24	50	18 mm	48 mm	80 mm	12000
4/20A50	€ 114,24	50	20 mm	52 mm	80 mm	12000
4/25A50	€ 120,96	50	25 mm	65 mm	100 mm	12000
4/32A50	€ 120,96	50	32 mm	72 mm	105 mm	12000
4/40A50	€ 131,04	50	40 mm	80 mm	120 mm	12000



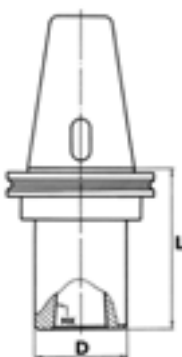
1-xA

MORSE TAPER ADAPTER

BALANCED CHUCK BODY

DIN 69871/A

Art.	€	ISO	MT	D	L	Balancing rpm
1/1A40	€ 89,94	40	1	25 mm	45 mm	12000
1/2A40	€ 89,94	40	2	32 mm	60 mm	12000
1/3A40	€ 89,94	40	3	40 mm	75 mm	12000
1/4A40	€ 89,94	40	4	50 mm	98 mm	12000
1/2A50	€ 132,16	50	2	32 mm	40 mm	12000
1/3A50	€ 132,16	50	3	40 mm	50 mm	12000
1/4A50	€ 142,24	50	4	48 mm	95 mm	12000
1/5A50	€ 173,60	50	5	63 mm	110 mm	12000



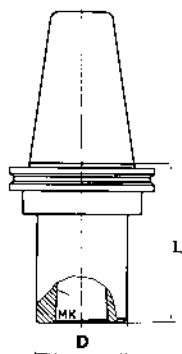
2-xA

MORSE TAPER ADAPTER WITH THREAD

BALANCED CHUCK BODY

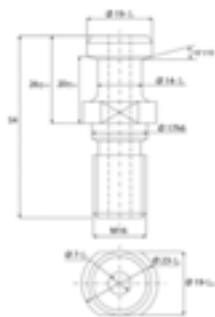
DIN 69871/A

Art.	€	ISO	MT	D	L	Balancing rpm
2/1A40	€ 114,24	40	1	25 mm	45 mm	12000
2/2A40	€ 114,24	40	2	32 mm	60 mm	12000
2/3A40	€ 114,24	40	3	40 mm	75 mm	12000
2/4A40	€ 114,24	40	4	50 mm	98 mm	12000
2/2A50	€ 141,12	50	2	32 mm	40 mm	12000
2/3A50	€ 141,12	50	3	40 mm	50 mm	12000
2/4A50	€ 160,16	50	4	50 mm	80 mm	12000
2/5A50	€ 189,28	50	5	63 mm	110 mm	12000



TIPAx

TIP



DIN 69871/A

Art.	€	ISO
TIPA40	€ 16,91	40
TIPA50	€ 17,92	50

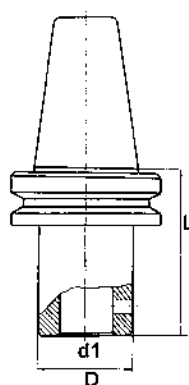
4-xD

WELDON SHANK TOOL HOLDER

BALANCED CHUCK BODY

MAS - 403 BT

Art.	€	BT	d1 - h6	D	L	Balancing rpm
4/06D40	€ 89,94	40	6 mm	25 mm	60 mm	12000
4/08D40	€ 89,94	40	8 mm	28 mm	60 mm	12000
4/10D40	€ 89,94	40	10 mm	35 mm	60 mm	12000
4/12D40	€ 89,94	40	12 mm	42 mm	70 mm	12000
4/14D40	€ 89,94	40	14 mm	42 mm	70 mm	12000
4/16D40	€ 89,94	40	16 mm	48 mm	70 mm	12000
4/18D40	€ 89,94	40	18 mm	48 mm	70 mm	12000
4/20D40	€ 89,94	40	20 mm	52 mm	75 mm	12000
4/25D40	€ 89,94	40	25 mm	63 mm	100 mm	12000
4/32D40	€ 89,94	40	32 mm	72 mm	100 mm	12000
4/06D50	€ 118,72	50	6 mm	25 mm	65 mm	12000
4/08D50	€ 118,72	50	8 mm	28 mm	65 mm	12000
4/10D50	€ 118,72	50	10 mm	35 mm	70 mm	12000
4/12D50	€ 118,72	50	12 mm	42 mm	75 mm	12000
4/14D50	€ 118,72	50	14 mm	42 mm	75 mm	12000
4/16D50	€ 118,72	50	16 mm	48 mm	80 mm	12000
4/18D50	€ 118,72	50	18 mm	48 mm	80 mm	12000



Art.	€	BT	d1 - h6	D	L	Balancing rpm
4/20D50	€ 118,72	50	20 mm	52 mm	80 mm	12000
4/25D50	€ 132,16	50	25 mm	65 mm	100 mm	12000
4/32D50	€ 132,16	50	32 mm	72 mm	105 mm	12000
4/40D50	€ 132,16	50	40 mm	80 mm	120 mm	12000

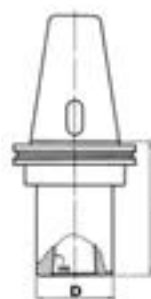
1-xD

MORSE TAPER ADAPTER

BALANCED CHUCK BODY

MAS - 403 BT

Art.	€	BT	MT	D	L	Balancing rpm
1/1D40	€ 89,94	40	1	25 mm	45 mm	12000
1/2D40	€ 89,94	40	2	32 mm	60 mm	12000
1/3D40	€ 89,94	40	3	40 mm	75 mm	12000
1/4D40	€ 90,38	40	4	50 mm	98 mm	12000
1/2D50	€ 132,16	50	2	32 mm	40 mm	12000
1/3D50	€ 132,16	50	3	40 mm	75 mm	12000
1/4D50	€ 146,72	50	4	50 mm	80 mm	12000
1/5D50	€ 173,60	50	5	63 mm	110 mm	12000



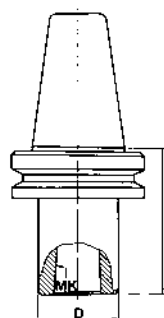
2-xD

MORSE TAPER ADAPTER WITH THREAD

BALANCED CHUCK BODY

MAS - 403 BT

Art.	€	BT	MT	D	L	Balancing rpm
2/1D40	€ 109,09	40	1	25 mm	45 mm	12000
2/2D40	€ 109,09	40	2	32 mm	60 mm	12000
2/3D40	€ 109,09	40	3	40 mm	75 mm	12000
2/4D40	€ 114,24	40	4	50 mm	98 mm	12000
2/2D50	€ 145,60	50	2	32 mm	40 mm	12000
2/3D50	€ 145,60	50	3	40 mm	75 mm	12000
2/4D50	€ 169,12	50	4	50 mm	80 mm	12000
2/5D50	€ 191,52	50	5	63 mm	110 mm	12000



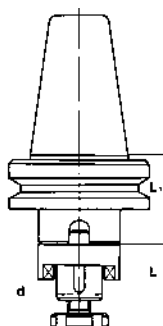
16-D

ARBOR FOR MILLING CUTTER

BALANCED CHUCK BODY

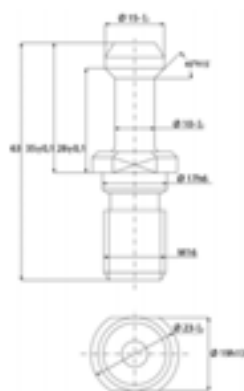
 **MAS - 403 BT**

Art.	€	BT	d - h6	L	L1	Balancing rpm
16/D40	€ 101,92	40	16 mm	27 mm	35 mm	12000
22/D40	€ 101,92	40	22 mm	31 mm	35 mm	12000
27/D40	€ 101,92	40	27 mm	33 mm	35 mm	12000
32/D40	€ 113,12	40	32 mm	38 mm	40 mm	12000
16/D50	€ 142,24	50	16 mm	27 mm	35 mm	12000
22/D50	€ 142,24	50	22 mm	31 mm	35 mm	12000
27/D50	€ 152,32	50	27 mm	33 mm	35 mm	12000
32/D50	€ 152,32	50	32 mm	38 mm	40 mm	12000
40/D50	€ 162,40	50	40 mm	41 mm	40 mm	12000



TIPDx

TIP



 **MAS - 403 BT**

Art.	€	ISO
TIPD40	€ 16,91	40
TIPD50	€ 17,92	50

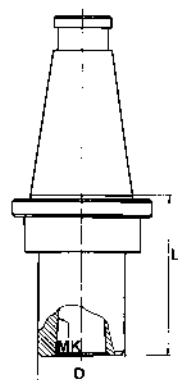
2-xB

MORSE TAPER ADAPTER WITH THREAD

BALANCED CHUCK BODY

 **DIN 2080**

Art.	€	ISO	MT	D	L	Balancing rpm
2/1B40	€ 109,09	40	1	25 mm	50 mm	2000
2/2B40	€ 109,09	40	2	32 mm	30 mm	2000
2/3B40	€ 109,09	40	3	40 mm	64 mm	2000
2/4B40	€ 122,08	40	4	50 mm	94 mm	2000
2/2B50	€ 146,72	50	2	32 mm	60 mm	2000
2/3B50	€ 146,72	50	3	40 mm	30 mm	2000
2/4B50	€ 160,16	50	4	50 mm	65 mm	2000
2/5B50	€ 174,72	50	5	63 mm	105 mm	2000



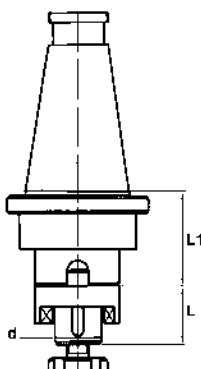
16-B

ARBOR FOR MILLING CUTTERS

BALANCED CHUCK BODY

 **DIN 2080**

Art.	€	ISO	d - h6	L	L1	Balancing rpm
16/B40	€ 112,00	40	16 mm	27 mm	35 mm	2000
22/B40	€ 112,00	40	22 mm	31 mm	39 mm	2000
27/B40	€ 112,00	40	27 mm	33 mm	40 mm	2000
32/B40	€ 112,00	40	32 mm	38 mm	40 mm	2000
16/B50	€ 135,52	50	16 mm	27 mm	35 mm	2000
22/B50	€ 135,52	50	22 mm	31 mm	35 mm	2000
27/B50	€ 135,52	50	27 mm	33 mm	35 mm	2000
32/B50	€ 145,60	50	32 mm	38 mm	40 mm	2000
40/B50	€ 156,80	50	40 mm	41 mm	40 mm	2000



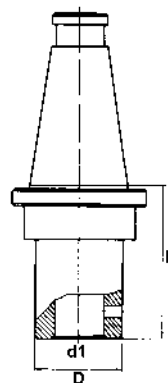
4-xB

WELDON SHANK TOOL HOLDER

BALANCED CHUCK BODY

 MAS - 403 BT

Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/06B40	€ 89,94	40	6 mm	25 mm	50 mm	2000
4/08B40	€ 89,94	40	8 mm	28 mm	50 mm	2000
4/10B40	€ 89,94	40	10 mm	35 mm	50 mm	2000
4/12B40	€ 89,94	40	12 mm	42 mm	50 mm	2000
4/16B40	€ 89,94	40	16 mm	48 mm	63 mm	2000
4/18B40	€ 89,94	40	18 mm	48 mm	50 mm	2000
4/20B40	€ 89,94	40	20 mm	52 mm	63 mm	2000
4/25B40	€ 89,94	40	25 mm	65 mm	100 mm	2000
4/32B40	€ 89,94	40	32 mm	72 mm	80 mm	2000
4/06B50	€ 120,96	50	6 mm	25 mm	50 mm	2000
4/08B50	€ 120,96	50	8 mm	28 mm	50 mm	2000
4/10B50	€ 120,96	50	10 mm	35 mm	50 mm	2000
4/12B50	€ 120,96	50	12 mm	42 mm	50 mm	2000
4/16B50	€ 120,96	50	16 mm	48 mm	50 mm	2000



Art.	€	ISO	d1 - h6	D	L	Balancing rpm
4/20B50	€ 132,16	50	20 mm	52 mm	63 mm	2000
4/25B50	€ 132,16	50	25 mm	65 mm	80 mm	2000
4/32B50	€ 132,16	50	32 mm	72 mm	80 mm	2000
4/40B50	€ 142,24	50	40 mm	90 mm	90 mm	2000

S007-

0° ÷ 90° TILTING TOOL

TIGHTENING FIXTURE

 DIN 2080, DIN 69871, MAS BT - TC

Art.	€	Taper	HSK
S007/30	€ 210,56	30 ISO	-
S007/40	€ 213,92	40 ISO	63
S007/50	€ 239,68	50 ISO	100



S014-

CHUCK HOLDER

VERTICAL AND HORIZONTAL FOR BT 40 AND ISO 40. IT'S A SMART DEVICE TO SET THE CHUCK FOR CNC MACHINES

Art.	€	Chuck sizes	Weight
S014/40BT	€ 74,03	BT 40 ISO 40	3,8 kg
S014/40DIN	€ 74,03	DIN 69871.40 ISO 40	3,8 kg
S014/50BT	€ 168,00	BT 50 ISO 50	11,4 kg
S014/50DIN	€ 168,00	DIN 69871.50 ISO 50	11,4 kg

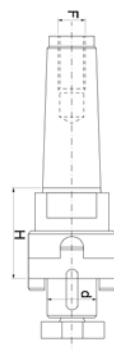


16-CM

TAPER SHANK SHELL END MILL ADAPTER

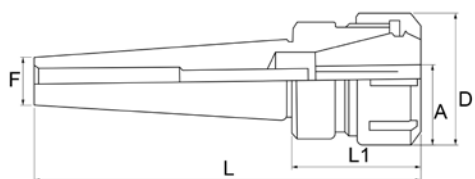
 DIN 228/A

Art.	€	d - h6	MT	F	H
16/CM3	€ 87,81	16 mm	3	M 12	40 mm
16/CM4	€ 87,81	16 mm	4	M 16	55 mm
22/CM3	€ 87,81	22 mm	3	M 12	50 mm
22/CM4	€ 87,81	22 mm	4	M 16	55 mm
27/CM3	€ 87,81	27 mm	3	M 12	50 mm
27/CM4	€ 87,81	27 mm	4	M 16	55 mm



3-CM

COLLET CHUCK



DIN 228/A

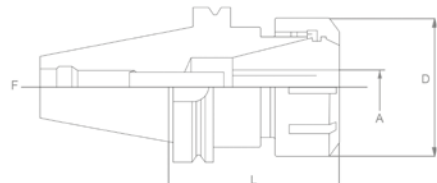
Art.	€	Collets	D	L	L1	F	A
3/CM2	€ 82,88	ER 32	50 mm	135 mm	60 mm	M 10	3 / 20 mm
3/CM3	€ 82,88	ER 32	50 mm	146 mm	60 mm	M 12	3 / 20 mm
3/CM4	€ 93,07	ER 32	50 mm	166 mm	58 mm	M 16	3 / 20 mm



3D40-

COLLET CHUCK

BALANCED CHUCK BODY



MAS - 403 BT

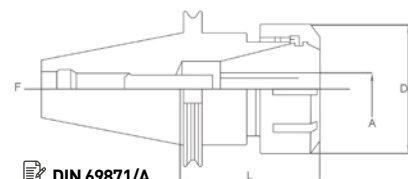
Art.	€	Collets	A	D	L	F	Balancing rpm
3D40/16	€ 66,30	ER 16	1 / 10 mm	28 mm	100 mm	M 16	12000
3D40/20	€ 66,30	ER 20	2 / 13 mm	34 mm	100 mm	M 16	12000
3D40/25	€ 66,30	ER 25	2 / 16 mm	42 mm	100 mm	M 16	12000
3/D/40	€ 104,83	ER 32	3/20 mm	50 mm	63 mm	M 16	12000



3A40-

COLLET CHUCK

BALANCED CHUCK BODY



DIN 69871/A

Art.	€	Collets	A	D	L	F	Balancing rpm
3A40/16	€ 66,30	ER 16	1 / 10 mm	28 mm	100 mm	M 16	12000
3A40/20	€ 66,30	ER 20	2 / 13 mm	34 mm	100 mm	M 16	12000
3A40/25	€ 66,30	ER 25	2 / 16 mm	42 mm	100 mm	M 16	12000
3/A/40	€ 104,83	ER 32	3/20 mm	50 mm	72 mm	M 16	12000



3/B/40

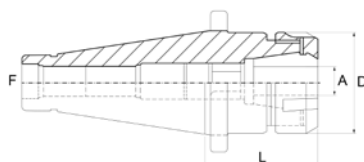
COLLET CHUCK

BALANCED CHUCK BODY

€ 96,66

DIN 2080

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



PR16/10P**€ 81,76****ER16 SPRING COLLET SET**

10 Pcs

Sizes $\varnothing$ 1-2-3-4-5-6-7-8-9-10 mm
Weight 0.5 kg

PR20/12P**€ 91,28****ER20 SPRING COLLET SET**

12 Pcs

Sizes $\varnothing$ 2-3-4-5-6-7-8-9-10-11-12-13 mm
Weight 0.9 kg

PR25/15P**€ 119,84****ER25 SPRING COLLET SET**

15 Pcs

Sizes $\varnothing$ 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16 mm
Weight 1.68 kg

P032/7P**€ 110,54****ER32 SPRING COLLET SET**

7 Pcs

Sizes 4-6-8-10-12-16-20 mm
Weight 1,1 kg

P032/18P**€ 230,72****ER32 SPRING COLLET SET**

18 Pcs

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

G0x**SPARE RING**

Art.	€
G016	€ 8,85
G020	€ 9,74
G025	€ 13,33
G032	€ 33,38

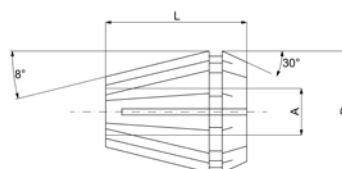
**CHERx****LOCK RING DRIVING KEY**

Art.	€
CHER25	€ 14,22
CHER32	€ 18,14

**P032-****SPRING COLLET**

ER 32

Art.	€	Capacity A	D	L
P032/03	€ 13,44	2-3 mm	33 mm	40 mm
P032/04	€ 13,44	3-4 mm	33 mm	40 mm
P032/05	€ 13,44	4-5 mm	33 mm	40 mm
P032/06	€ 13,44	5-6 mm	33 mm	40 mm
P032/07	€ 13,44	6-7 mm	33 mm	40 mm
P032/08	€ 13,44	7-8 mm	33 mm	40 mm
P032/09	€ 13,44	8-9 mm	33 mm	40 mm
P032/10	€ 13,44	9-10 mm	33 mm	40 mm
P032/11	€ 13,44	10-11 mm	33 mm	40 mm



Art.	€	Capacity A	D	L
P032/12	€ 13,44	11-12 mm	33 mm	40 mm
P032/13	€ 13,44	12-13 mm	33 mm	40 mm
P032/14	€ 13,44	13-14 mm	33 mm	40 mm
P032/15	€ 13,44	14-15 mm	33 mm	40 mm
P032/16	€ 13,44	15-16 mm	33 mm	40 mm
P032/17	€ 13,44	16-17 mm	33 mm	40 mm
P032/18	€ 13,44	17-18 mm	33 mm	40 mm
P032/19	€ 13,44	18-19 mm	33 mm	40 mm
P032/20	€ 13,44	19-20 mm	33 mm	40 mm

COMPATIBILITY CHART

Art.	€	3/CM2	3/CM3	3/CM4	3/D/40	3/B/40	3/A/40	3A40/16	3A40/20	3A40/25	3D40/16	3D40/20	3D40/25	PAG
P032/03	13,44	*	*	*	*	*	*							167
P032/04	13,44	*	*	*	*	*	*							167
P032/05	13,44	*	*	*	*	*	*							167
P032/06	13,44	*	*	*	*	*	*							167
P032/07	13,44	*	*	*	*	*	*							167
P032/08	13,44	*	*	*	*	*	*							167
P032/09	13,44	*	*	*	*	*	*							167
P032/10	13,44	*	*	*	*	*	*							167
P032/11	13,44	*	*	*	*	*	*							167
P032/12	13,44	*	*	*	*	*	*							167
P032/13	13,44	*	*	*	*	*	*							167
P032/14	13,44	*	*	*	*	*	*							167
P032/15	13,44	*	*	*	*	*	*							167
P032/16	13,44	*	*	*	*	*	*							167
P032/17	13,44	*	*	*	*	*	*							167

Art.	€	3/CM2	3/CM3	3/CM4	3/D/40	3/B/40	3/A/40	3A40/16	3A40/20	3A40/25	3D40/16	3D40/20	3D40/25	PAG
P032/18	13,44	*	*	*	*	*	*							167
P032/19	13,44	*	*	*	*	*	*							167
P032/20	13,44	*	*	*	*	*	*							167
P032/7P	110,54	*	*	*	*	*	*							167
P032/18P	230,72	*	*	*	*	*	*							167
G032	33,38	*	*	*	*	*	*							167
CHER32	18,14	*	*	*	*	*	*							167
PR16/10P	81,76							*			*			166
PR20/12P	91,28								*			*		167
PR25/15P	119,84									*			*	167
G016	8,85							*			*			167
G020	9,74								*			*		167
G025	13,33									*			*	167
CHER25	14,22									*			*	167

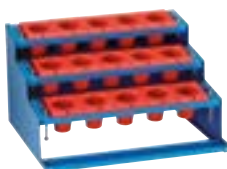
P450
€ 498,40
TOOL ROLLING CABINET KIT

WITH 20 ISO50 TOOL HOLDERS


 Overall sizes 950 x 650 x 830h mm
 Weight 35 kg

P350
€ 173,60
TOOL ROLLING CABINET KIT

FRAME WITH 15 ISO50 TOOL HOLDERS


 Overall sizes 600 x 500 x 350h mm
 Weight 13 kg

PC50
€ 47,71
TOOL HOLDER SHELF

WITH 5 ISO50 TOOL HOLDER



Overall sizes 600 x 145 mm

PC50/R
€ 50,51
TOOL HOLDER SET

ISO50


 10 Pcs

Overall sizes 136 x 102 mm

P4CS
€ 18,82
COUPLE OF SUPPORTS

FOR TOOL ROLLING CABINET

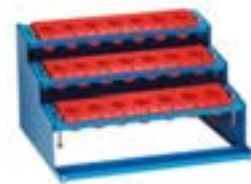

P440
€ 448,00
TOOL ROLLING CABINET KIT

WITH 28 TOOL HOLDERS


 Overall sizes 950 x 650 x 830h mm
 Weight 35 kg

P340
€ 179,20
TABLE TOOL RACK KIT

FRAME WITH 21 ISO40 TOOL HOLDERS


 Overall sizes 600 x 500 x 350h mm
 Weight 13 kg

PC40
€ 47,71
TOOL HOLDER SHELF

WITH 7 ISO40 TOOL HOLDERS



Overall sizes 600 x 145 mm

PC40/R
€ 47,04
TOOL HOLDER SET

ISO40


 10 Pcs

Overall sizes 136 x 72 mm

PC4P
€ 20,16
4 FEET SET

FOR TOOL HOLDER SHELF



T010-

PRECISION BORING HEAD

TOOL KIT NOT INCLUDED



Art.	€	Boring head body	Shank	Tools	Max offset	A	Weight
T010/5003	€ 248,64	Ø 50 mm	CM/MT3-DIN228A	Ø 12 mm	15 mm	75 mm	1,2 kg
T010/5004	€ 248,64	Ø 50 mm	CM/MT4-DIN228A	Ø 12 mm	15 mm	75 mm	1,8 kg
T010/5040	€ 248,64	Ø 50 mm	ISO 40-DIN2080	Ø 12 mm	15 mm	81 mm	1,9 kg
T010/7540	€ 248,64	Ø 75 mm	ISO 40-DIN2080	Ø 18 mm	25 mm	99 mm	3,2 kg

T021-

AUTOMATIC PRECISION BORING HEAD



Art.	€			
T021/030	€ 1780,80			
T021/030CM3	€ 1780,80			
T021/050	€ 2072,00			
T021/100	€ 2396,80			
T021/100/50	€ 2396,80			
		T021/030 T021/030CM3	T021/050	T021/100 T021/100/50
Max facing and boring ø		150 mmv	350 mm	450 mm
Max stroke of slide		± 15 mm	± 25 mm	± 50 mm
Fine feed per graduation		0,005 mm	0,005 mm	0,005 mm
Manual feed per revolution		2 mm	3 mm	3 mm
Self acting feed per revolution		0,02-0,04-0,06 0,08-0,10-0,12 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm	0,03-0,06-0,09 0,12-0,15-0,18 mm
ø of tool post holes in head		18 mm	22 mm	22 mm
Max ø of head		90 mm	120 mm	168 mm
Height of head without shank - (H)		87,5 mm	118 mm	118 mm
Weight of head without shank		2,9 kg	6,1 kg	7,8 kg
Length of sliding block		75 mm	105 mm	160 mm
Width of sliding block		70 mm	90 mm	90 mm
Collets hole		4 - 8 - 12 mm	8 - 10 - 12 - 14 mm	8 - 10 - 12 - 14 mm
Accessories		1 - 2 - 6	1 - 2 - 3 - 4 - 5	1 - 2 - 3 - 4 - 5
Extension hole for tool holder		Ø 6 mm	Ø 10 mm	Ø 10 mm

B001-

SOLID BORING BAR SET FOR PRECISION BORING HEADS



Art.	€	Suitable	Shank	Length	Insert (not included)
B001/12	€ 115,36	T010/50	12 ø mm	60 mm	TCMT110204N
B001/18	€ 115,36	T010/75	18 ø mm	99 mm	TCMT110204N

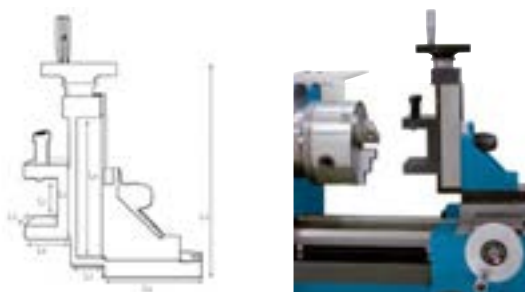
HOW TO CHOOSE YOUR TOOL POST

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
€ 187,04

LATHE MILL TABLE UNIVERSAL DEVICE

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


T00x

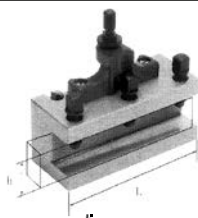
QUICK CHANGE TOOL POST

TOOL HOLDERS ADJUSTMENT IN 40 DIFFERENT ANGLES -
COMPOSED OF: 1 TOOL POST 3 FLAT TYPE TOOL HOLDERS 1 BORING
BAR TOOL HOLDER

Art.	€	R max	S max	P	T	H	X min
T00A	€ 760,48	100 mm	54 mm	48 mm	20 mm	16 mm	30 mm
T00B	€ 968,80	150 mm	75 mm	71 mm	32 mm	25 mm	37 mm
T00C	€ 1556,80	202 mm	105 mm	102 mm	40 mm	32 mm	47 mm
T00E	€ 804,16	125 mm	68 mm	60 mm	20 mm	20 mm	35 mm


T00x-D

FLAT TYPE TOOL HOLDERS



Art.	€	L	H
T00A/D	€ 107,63	80 mm	16 mm
T00B/D	€ 161,28	120 mm	25 mm
T00C/D	€ 248,64	150 mm	32 mm
T00E/D	€ 144,48	100 mm	20 mm

T00x-B

PRISMATIC TYPE TOOL HOLDERS



Art.	€	L	d max
T00A/B	€ 112,00	80 mm	20 mm
T00B/B	€ 165,76	130 mm	32 mm
T00C/B	€ 245,28	160 mm	32 mm
T00E/B	€ 161,28	100 mm	30 mm

T00x-S

TOOL HOLDERS FOR SOCKET



Art.	€	L	D
T00A/S	€ 123,20	80 mm	30 mm
T00B/S	€ 203,84	120 mm	40 mm
T00C/S	€ 287,84	150 mm	40 mm
T00E/S	€ 165,76	100 mm	30 mm

T00x-LC

REDUCTION SLEEVE



Art.	€	L	d	MT
T00AE/LCM1	€ 35,84	80 mm	30 mm	1
T00AE/LCM2	€ 35,84	95 mm	30 mm	2
T00BC/LCM2	€ 38,75	105 mm	36 mm	2
T00BC/LCM3	€ 38,75	120 mm	40 mm	3
T00BC/LCM4	€ 59,70	150 mm	40 mm	4

T0Ax

QUICK CHANGE TOOL POST

COMPOSED OF: - 1 TOOL POST - 4 FLAT TYPE TOOL HOLDERS

Art.	€	Length	Width	Working height	Hole	Tool height
T0AA	€ 254,24	57 mm	64 mm	56 mm	14,4 mm	14 mm
T0AB	€ 427,84	85 mm	85 mm	76 mm	19,9 mm	20 mm
T0AC	€ 551,04	100 mm	100 mm	92 mm	22,22 mm	25 mm
T0AE	€ 322,56	76,5 mm	76,5 mm	70 mm	16,5 mm	16 mm



T0Ax-D

FLAT TYPE TOOL HOLDERS

Art.	€	Length	Width	Height	Tool height
T0AA/D	€ 58,58	76 mm	25,5 mm	38 mm	14 mm
T0AB/D	€ 81,98	108 mm	35 mm	54 mm	20 mm
T0AC/D	€ 95,76	125 mm	40 mm	63 mm	25 mm
T0AE/D	€ 70,22	89 mm	29 mm	45 mm	16 mm



T00A1

€ 244,16

QUICK CHANGE TOOL POST

COMPOSED OF: - 1 TOOL POST - 3 FLAT TYPE TOOL HOLDERS



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

T00A1/PP

€ 49,17

FLAT TYPE TOOL HOLDERS



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

T00Ax

QUICK CHANGE TOOL POST

COMPOSED OF: - 1 TOOL POST - 3 FLAT TYPE TOOL HOLDERS

Art.	€	Length	Width	Height	Hole	Tool height
T00A0	€ 113,12	60 mm	50 mm	30 mm	10	12 mm
T00A1R	€ 150,08	68 mm	68 mm	47 mm	10 mm	19 mm



T00Ax-PP

FLAT TYPE TOOL HOLDERS

Art.	€	Length	Width	Height	Tool height
T00A0/PP	€ 35,50	50 mm	22 mm	24 mm	12 mm
T00A1R/PP	€ 36,40	66 mm	27 mm	46 mm	19 mm



M038
CAT. 42 € 607,04
CROSS FEED MOTOR

X-AXIS, HORIZONTAL POSITION OF THE MOTOR, SPEED ADJUSTMENT AND QUICK TRAVEL



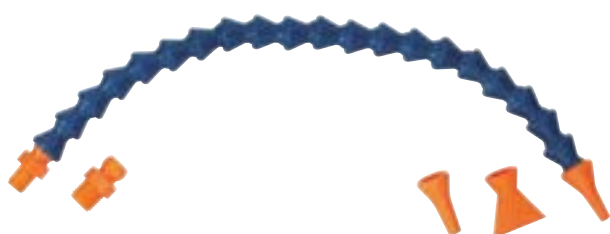
Round speed	0 ÷ 200 rpm
Torque	5,1 Nm
Single-phase motor	230 V 50 Hz 0,1 kW
Weight	12 kg


P018-
COOLING SYSTEM FOR MACHINES


Art.	€	Power	Tank capacity	Pump capacity	Weight
P018/230V	€ 315,84	230V - 50Hz - 40W	10 l	22 l/min	7 kg
P018/400V	€ 315,84	400V - 50Hz - 40W	10 l	22 l/min	7 kg

T200
€ 15,46
COOLING HOSE

COMPOSED OF: N. 21 SEGMENTS N. 1 NOZZLE: HOLE Ø 1,5 mm N. 1 NOZZLE: HOLE Ø 3 mm N. 1 FITTING: 1/8" N. 1 FITTING: 1/4" N. 1 PLAIN NOZZLE



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

T201
€ 16,91
COOLING HOSE

COMPOSED OF: N. 16 SEGMENTS N. 1 NOZZLE - HOLE: Ø 5 mm N. 1 FITTING 1/2" N. 1 PLAIN NOZZLE



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

T338-**CHROMED METAL JOINTED TUBE FOR REFRIGERATING LIQUIDS**

Art.	€	Total length	Thread
T338/500	€ 16,02	500 mm	3/8"
T338/600	€ 17,70	600 mm	3/8"

Tx**LATH E CHUCK SAFETY GUARD STEEL FRAME WITH LEXAN SCREEN**

Art.	€	Overall sizes
T400	€ 168,00	Ø 400 x 200 mm
T500	€ 178,08	Ø 500 x 220 mm
T600	€ 193,76	Ø 600 x 280 mm

P100/250**€ 112,00****MACHINE TOOL SAFETY GUARD**

WITH SAFETY MICROSWITCH, ADJUSTABLE HEIGHT



Shank	400 mm
Shield	150x250 H x L mm

S100**€ 52,30****BENCH GRINDER SAFETY GUARD WITH LEXAN SCREEN**

Overall sizes	110 x 120 mm
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Mx**UNIVERSAL SUPPORT UNIT FOR LATHE WITH CHUCK SAFETY GUARD WITH MICROSWITCH**

Art.	€	Shank	Length
M400	€ 210,56	ø 30 mm	350 mm
M500	€ 218,40	ø 30 mm	400 mm
M600	€ 227,36	ø 30 mm	450 mm

P101-**MACHINE TOOL SAFETY GUARD**

ADJUSTABLE AND TILTING HEIGHT, LEXAN SCREEN, SAFETY MICROSWITCH



Art.	€	Shank	Shield
P101/300	€ 360,64	400L mm	150 x 350 H x L mm
P101/350	€ 379,68	600L mm	200 x 440 H x L mm
P101/400	€ 390,88	500L mm	150 x 370 H x L mm

0531A
CAT. 42 € 137,76
**LED LIGHT MACHINE OPERATION
LAMP**

WITHOUT TRANSFORMER

 **65**

Power	12 - 24 V 13 W
Height	110 mm
Diameter	125 mm
Joints	1
Dust and water proof	IP 65
Net weight	1,6 kg
Weight	1,7 kg


0532A
CAT. 42 € 168,00
**LED LIGHT MACHINE OPERATION
LAMP**

WITHOUT TRANSFORMER

 **65**

Power	12 - 24 V 13 W
Height	890 mm
Diameter	125 mm
Joints	3
Dust and water proof	IP 65
Net weight	2 kg
Weight	2,1 kg


0532A/230V
CAT. 42 € 182,56
**LED LIGHT MACHINE OPERATION
LAMP**

WITH TRANSFORMER

 **65**

Power	230 V 50 Hz 13 W
Height	900 mm
Diameter	125 mm
Joints	3
Dust and water proof	IP 65
Net weight	2,2 kg
Weight	2,3 kg


0371
€ 145,60
**LED LIGHT MACHINE OPERATION
LAMP**

W.O. TRANSFORMER

 **65**

Power	24V 10W
Joint height	110 mm
Diameter	110 mm
Joints	1
Dust and water proof	IP 65
Weight	1,7 kg


0372
€ 220,64
**LED LIGHT MACHINE OPERATION
LAMP**

W.O. TRANSFORMER

 **65**

Power	24V 10W
Height	890 mm
Diameter	110 mm
Joints	3
Dust and water proof	IP 65
Weight	2,1 kg


0537A
CAT. 42 € 100,91
**LED LICHT MASCHINEN
BETRIEBSLAMPE**

WITHOUT TRANSFORMER

 **44**

Power	12 - 24 V 7 W
Height	100 mm
Diameter	90 mm
Joints	1
Dust and water proof	IP 44
Weight	1,5 kg


0538A
CAT. 42 € 125,44
**LED LIGHT MACHINE OPERATION
LAMP**

WITHOUT TRANSFORMER

 **44**

Power	12 - 24 V 7 W
Height	650 mm
Diameter	90 mm
Joints	3
Dust and water proof	IP 44
Weight	2,0 kg


0536
€ 68,77
**MACHINE TOOL OPERATION
LAMP**

FLEXIBLE LAMP WITH MAGNETIC BASE

 **44**

Height max	620 mm
Dust and water proof	IP 40
With transformer	230 V / 24 V 25 W



B007-

INDEXABLE CARBIDE TOOL HOLDER SET

INSERT INCLUDED



Art.	€	Ext. shank / Insert	Int. shank / Insert
B007/10	€ 104,83	10 mm / TCMT110204N	8 mm / TCMT090204N
B007/12	€ 110,54	12 mm / TCMT110204N	10 mm / TCMT110204N
B007/16	€ 136,64	16 mm / TCMT16T304N	12 mm / TCMT110204N

KITCKJ

EXTERNAL TOOL HOLDER WITH INSERTS

Art.	€	Set composition
KITCKJ20	€ 164,64	CKJNR20 + 10 KNUX160405RN
KITCKJ25	€ 166,88	CKJNR25 + 10 KNUX160405RN



STGCx

90° EXTERNAL TOOL HOLDER



Art.	€	Side	Shank	Capacity	Bushing	Base	Insert (not included)
STGCR16/11	€ 42,56	Dx/R	16 x 16 mm	T8 / M2,5 mm	-----	-----	TCMT110204N
STGCL16/11	€ 42,56	Sx/L	16 x 16 mm	T8 / M2,5 mm	-----	-----	TCMT110204N
STGCR20	€ 48,05	Dx/R	20 x 20 mm	T15 / M3,5 mm	BU3550	BSTG16	TCMT16T304N - TCMT16T308N
STGCL20	€ 48,05	Sx/L	20 x 20 mm	T15 / M3,5 mm	BU3550	BSTG16	TCMT16T304N - TCMT16T308N
STGCR25	€ 59,02	Dx/R	25 x 25 mm	T15 / M3,5 mm	BU3550	BSTG16	TCMT16T304N - TCMT16T308N
STGCL25	€ 59,02	Sx/L	25 x 25 mm	T15 / M3,5 mm	BU3550	BSTG16	TCMT16T304N - TCMT16T308N

SCLCxE

95° EXTERNAL TOOL HOLDER



Art.	€	Side	Shank	Capacity	Bushing	Base	Insert (not included)
SCLCR12E	€ 36,40	Dx/R	12 x 12 mm	T15 / M4,0 mm	-----	-----	CCMT09T304N - CCMT09T308N
SCLCL12E	€ 36,40	Sx/L	12 x 12 mm	T15 / M4,0 mm	-----	-----	CCMT09T304N - CCMT09T308N
SCLCR16E	€ 44,02	Dx/R	16 x 16 mm	T15 / M4,0 mm	BU4560	BSCL09	CCMT09T304N - CCMT09T308N
SCLCL16E	€ 44,02	Sx/L	16 x 16 mm	T15 / M4,0 mm	BU4560	BSCL09	CCMT09T304N - CCMT09T308N
SCLCR20E	€ 49,17	Dx/R	20 x 20 mm	T15 / M4,5 mm	BU4560	BSCL12	CCMT120408N
SCLCL20E	€ 49,17	Sx/L	20 x 20 mm	T15 / M4,5 mm	BU4560	BSCL12	CCMT120408N
SCLCR25E	€ 59,02	Dx/R	25 x 25 mm	T15 / M4,5 mm	BU4560	BSCL12	CCMT120408N
SCLCL25E	€ 59,02	Sx/L	25 x 25 mm	T15 / M4,5 mm	BU4560	BSCL12	CCMT120408N

SSSCxE
45° EXTERNAL TOOL HOLDER


Art.	€	Side	Shank	Capacity	Bushing	Base	Insert (not included)
SSSCR20E	€ 48,05	Dx/R	20 x 20 mm	T15 / M4,0 mm	BU4560	BSSS12	SCMT120408N
SSSCL20E	€ 48,05	Sx/L	20 x 20 mm	T15 / M4,0 mm	BU4560	BSSS12	SCMT120408N
SSSCR25E	€ 61,94	Dx/R	25 x 25 mm	T15 / M4,5 mm	BU4560	BSSS12	SCMT120408N
SSSCL25E	€ 61,94	Sx/L	25 x 25 mm	T15 / M4,5 mm	BU4560	BSSS12	SCMT120408N

SVJBx
93° EXTERNAL TOOL HOLDER


Art.	€	Side	Shank	Capacity	Bushing	Base	Insert (not included)
SVJBR20	€ 48,05	Dx/R	20 x 20 mm	T15 / M3,5 mm	BU3550	BSVJ16	VBMT160404N - VBMT160408N
SVJBL20	€ 48,05	Sx/L	20 x 20 mm	T15 / M3,5 mm	BU3550	BSVJ16	VBMT160404N - VBMT160408N
SVJBR25	€ 61,94	Dx/R	25 x 25 mm	T15 / M3,5 mm	BU3550	BSVJ16	VBMT160404N - VBMT160408N
SVJBL25	€ 61,94	Sx/L	25 x 25 mm	T15 / M3,5 mm	BU3550	BSVJ16	VBMT160404N - VBMT160408N

SDJCx
93° EXTERNAL TOOL HOLDER


Art.	€	Side	Shank	Capacity	Bushing	Base	Insert (not included)
SDJCR10	€ 27,66	Dx/R	10 x 10 mm	T8 / M2,5 mm	-----	-----	DCMT070204N
SDJCR12	€ 39,76	Dx/R	12 x 12 mm	T8 / M2,5 mm	-----	-----	DCMT070204N
SDJCR16	€ 45,81	Dx/R	16 x 16 mm	T8 / M2,5 mm	-----	-----	DCMT070204N
SDJCR20	€ 51,86	Dx/R	20 x 20 mm	T15 / M3,5 mm	BU4050	BSDJ11	DCMT11T304N
SDJCL20	€ 51,86	Sx/L	20 x 20 mm	T15 / M3,5 mm	BU4050	BSDJ11	DCMT11T304N
SDJCR25	€ 65,74	Dx/R	25 x 25 mm	T15 / M3,5 mm	BU4050	BSDJ11	DCMT11T304N
SDJCL25	€ 65,74	Sx/L	25 x 25 mm	T15 / M3,5 mm	BU4050	BSDJ11	DCMT11T304N

PCLNx
EXTERNAL TOOL HOLDER
95°


Art.	€	Side	Shank	Angle	Insert (not included)
PCLNR16	€ 39,87	R	16 x 16 mm	95°	CNMG120408N
PCLNR20	€ 52,19	Dx/R	20 x 20 mm	95°	CNMG120408N
PCLNL20	€ 52,19	Sx/L	20 x 20 mm	95°	CNMG120408N
PCLNR25	€ 61,94	Dx/R	25 x 25 mm	95°	CNMG120408N
PCLNL25	€ 61,94	Sx/L	25 x 25 mm	95°	CNMG120408N

PTGNx

EXTERNAL TOOL HOLDER

90°



Art.	€	Side	Shank	Angle	Insert (not included)
PTGNR16	€ 39,87	R	16 x 16 mm	90°	TNMG160408N
PTGNR20	€ 48,72	Dx/R	20 x 20 mm	90°	TNMG160408N
PTGNL20	€ 48,72	Sx/L	20 x 20 mm	90°	TNMG160408N
PTGNR25	€ 61,94	Dx/R	25 x 25 mm	90°	TNMG160408N
PTGNL25	€ 61,94	Sx/L	25 x 25 mm	90°	TNMG160408N

PSSNx

EXTERNAL TOOL HOLDER

45°



Art.	€	Side	Shank	Angle	Insert (not included)
PSSNR16	€ 39,87	R	16 x 16 mm	45°	SNMG120408N
PSSNR20	€ 49,17	Dx/R	20 x 20 mm	45°	SNMG120408N
PSSNL20	€ 49,17	Sx/L	20 x 20 mm	45°	SNMG120408N
PSSNR25	€ 61,94	Dx/R	25 x 25 mm	45°	SNMG120408N
PSSNL25	€ 61,94	Sx/L	25 x 25 mm	45°	SNMG120408N

CKJNx

EXTERNAL TOOL HOLDER

93°



Art.	€	Side	Shank	Angle	Insert (not included)
CKJNL20	€ 59,02	Sx/L	20 x 20 mm	93°	KNUX160405LN
CKJNL25	€ 68,54	Sx/L	25 x 25 mm	93°	KNUX160405LN
CKJNR16	€ 48,72	R	16 x 20 mm	93°	KNUX160405RN
CKJNR20	€ 59,02	Dx/R	20 x 20 mm	93°	KNUX160405RN
CKJNR25	€ 68,54	Dx/R	25 x 25 mm	93°	KNUX160405RN

PDJNx

EXTERNAL TOOL HOLDER

93°



Art.	€	Side	Shank	Angle	Insert (not included)
PDJNR20	€ 50,51	Dx/R	20 x 20 mm	93°	DNMG150608N
PDJNR25	€ 61,94	Dx/R	25 x 25 mm	93°	DNMG150608N
PDJNL25	€ 61,94	Sx/L	25 x 25 mm	93°	DNMG150608N

PWLNx

EXTERNAL TOOL HOLDER

95°



Art.	€	Side	Shank	Angle	Insert (not included)
PWLN20	€ 50,51	Dx/R	20 x 20 mm	95°	WNMG080408N
PWLN25	€ 61,94	Dx/R	25 x 25 mm	95°	WNMG080408N
PWLN25	€ 61,94	Sx/L	25 x 25 mm	95°	WNMG080408N

G007-

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



Art.	€	Shank	Pitch
G007/16	€ 70,90	16 mm	0,8 - 1,2 - 1,8 mm
G007/20	€ 71,90	20 mm	0,8 - 1,2 - 1,8 mm

KISCLCR

€ 220,64

SOLID BORING BAR SET 95°

COMPOSED OF: 1PC. INT. TOOL HOLDER: SCLCR08; SCLCR10; SCLCR12; CLCR16 1PC.
SCREW: T8 Ø 2,5 mm 2PCS TORX KEY: T8 10PCS INSERT: CCMT060204N



KISTCMT

€ 259,84

SOLID BORING BAR SET 90°



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

KISTFCR

€ 204,96

SOLID BORING BAR SET 90°

COMPOSED OF STFCR08, STFCR10, STFCR12, STFCR16, STFCR20 INTERNAL TOOLS
(1PC FOR EACH ONE), SPARE PART SCREWS 2.5MM (5PCS) AND T8 TORX KEYS (2PCS)



STFCR08 Dimensions	Ø 8 x 100 mm
STFCR10 Dimensions	Ø10 x 125 mm
STFCR12 Dimensions	Ø12 x 150 mm
STFCR16 Dimensions	Ø16 x 200 mm
STFCR20 Dimensions	Ø20 x 250 mm
Spare screws T8 Dimensions	Ø2,5 x 6 mm

SSSCRx

INTERNAL TOOL HOLDER



Art.	€	Overall sizes	Insert (not included)
SSSCR16	€ 47,26	Ø 16 mm, L 200 mm	SCMT09T304N - SCMT09T308N
SSSCR20	€ 52,64	Ø 20 mm, L 250 mm	SCMT09T304N - SCMT09T308N
SSSCR25	€ 61,94	Ø 25 mm, L 300 mm	SCMT09T304N - SCMT09T308N

SCLCx

SOLID BORING BAR

95°



Art.	€	Side	D	h	L	Insert (not included)
SCLCR08	€ 56,00	Dx/R	8 mm	7 mm	125 mm	CCMT060204N
SCLCL08	€ 56,00	Sx/L	8 mm	7 mm	125 mm	CCMT060204N
SCLCR10	€ 56,00	Dx/R	10 mm	9 mm	140 mm	CCMT060204N
SCLCL10	€ 56,00	Sx/L	10 mm	9 mm	140 mm	CCMT060204N
SCLCR12	€ 56,00	Dx/R	12 mm	11 mm	160 mm	CCMT060204N
SCLCL12	€ 56,00	Sx/L	12 mm	11 mm	160 mm	CCMT060204N
SCLCR16	€ 63,50	Dx/R	16 mm	14,5 mm	180 mm	CCMT09T304N
SCLCL16	€ 63,50	Sx/L	16 mm	14,5 mm	180 mm	CCMT09T304N
SCLCR20	€ 63,50	Dx/R	20 mm	18 mm	200 mm	CCMT09T304N
SCLCL20	€ 63,50	Sx/L	20 mm	18 mm	200 mm	CCMT09T304N
SCLCR25	€ 70,90	Dx/R	25 mm	22,5 mm	250 mm	CCMT09T304N
SCLCL25	€ 70,90	Sx/L	25 mm	22,5 mm	250 mm	CCMT09T304N
SCLCR32	€ 100,02	Dx/R	32 mm	29 mm	300 mm	CCMT09T304N
SCLCL32	€ 100,02	Sx/L	32 mm	29 mm	300 mm	CCMT09T304N

STFCx
SOLID BORING BAR

90°



Art.	€	Side	D	h	L	Insert [not included]
STFCR08	€ 56,00	Dx/R	8 mm	7 mm	125 mm	TCMT110204N
STFCL08	€ 56,00	Sx/L	8 mm	7 mm	125 mm	TCMT110204N
STFCR10	€ 56,00	Dx/R	10 mm	9 mm	150 mm	TCMT110204N
STFCL10	€ 56,00	Sx/L	10 mm	9 mm	150 mm	TCMT110204N
STFCR12	€ 56,00	Dx/R	12 mm	11 mm	150 mm	TCMT110204N
STFCL12	€ 56,00	Sx/L	12 mm	11 mm	150 mm	TCMT110204N
STFCR16	€ 63,50	Dx/R	16 mm	14,5 mm	200 mm	TCMT110204N
STFCL16	€ 63,50	Sx/L	16 mm	14,5 mm	200 mm	TCMT110204N
STFCR20	€ 63,50	Dx/R	20 mm	18,5 mm	250 mm	TCMT110204N
STFCL20	€ 63,50	Sx/L	20 mm	18,5 mm	200 mm	TCMT110204N
STFCR25	€ 70,90	Dx/R	25 mm	22,5 mm	250 mm	TCMT16T304N
STFCL25	€ 70,90	Sx/L	25 mm	22,5 mm	250 mm	TCMT16T304N
STFCR32	€ 100,02	Dx/R	32 mm	29 mm	300 mm	TCMT16T304N
STFCL32	€ 100,02	Sx/L	32 mm	29 mm	300 mm	TCMT16T304N

SDUCx
SOLID BORING BAR

93°



Art.	€	Side	D	h	L	Insert [not included]
SDUCR10	€ 56,00	Dx/R	10 mm	9 mm	140 mm	DCMT070204N
SDUCL10	€ 56,00	Sx/L	10 mm	9 mm	140 mm	DCMT070204N
SDUCR12	€ 56,00	Dx/R	12 mm	11 mm	160 mm	DCMT070204N
SDUCL12	€ 56,00	Sx/L	12 mm	11 mm	160 mm	DCMT070204N
SDUCR16	€ 63,50	Dx/R	16 mm	15 mm	180 mm	DCMT070204N
SDUCL16	€ 63,50	Sx/L	16 mm	15 mm	180 mm	DCMT070204N
SDUCR20	€ 63,50	Dx/R	20 mm	18 mm	200 mm	DCMT11T304N
SDUCL20	€ 63,50	Sx/L	20 mm	18 mm	200 mm	DCMT11T304N
SDUCR25	€ 70,90	Dx/R	25 mm	23 mm	250 mm	DCMT11T304N
SDUCL25	€ 70,90	Sx/L	25 mm	23 mm	250 mm	DCMT11T304N
SDUCR32	€ 100,02	Dx/R	32 mm	30 mm	300 mm	DCMT11T304N
SDUCL32	€ 100,02	Sx/L	32 mm	30 mm	300 mm	DCMT11T304N

MCLNx
SOLID BORING BAR

95°



Art.	€	Side	D	h	L	Insert [not included]
MCLNR16	€ 72,91	Dx/R	16 mm	15 mm	210 mm	CNMG120404N
MCLNL16	€ 72,91	Sx/L	16 mm	15 mm	210 mm	CNMG120404N
MCLNR20	€ 80,42	Dx/R	20 mm	18 mm	255 mm	CNMG120404N
MCLNL20	€ 80,42	Sx/L	20 mm	18 mm	255 mm	CNMG120404N
MCLNR25	€ 101,92	Dx/R	25 mm	23 mm	300 mm	CNMG120404N
MCLNL25	€ 101,92	Sx/L	25 mm	23 mm	300 mm	CNMG120404N
MCLNR32	€ 124,32	Dx/R	32 mm	30 mm	355 mm	CNMG120404N
MCLNL32	€ 124,32	Sx/L	32 mm	30 mm	355 mm	CNMG120404N

MTFNx

SOLID BORING BAR

90°



Art.	€	Side	D	h	L	Insert (not included)
MTFNR16	€ 71,90	Dx/R	16 mm	15 mm	210 mm	TNMG160404N
MTFNL16	€ 71,90	Sx/L	16 mm	15 mm	210 mm	TNMG160404N
MTFNR20	€ 80,42	Dx/R	20 mm	18 mm	255 mm	TNMG160404N
MTFNL20	€ 80,42	Sx/L	20 mm	18 mm	255 mm	TNMG160404N
MTFNR25	€ 101,92	Dx/R	25 mm	23 mm	300 mm	TNMG160404N
MTFNL25	€ 101,92	Sx/L	25 mm	23 mm	300 mm	TNMG160404N
MTFNR32	€ 124,32	Dx/R	32 mm	30 mm	355 mm	TNMG160404N
MTFNL32	€ 124,32	Sx/L	32 mm	30 mm	355 mm	TNMG160404N

CTFPx

SOLID BORING BAR

90°



Art.	€	Side	D	h	L	Insert (not included)
CTFPR10	€ 61,38	Dx/R	10 mm	9 mm	150 mm	TPMR090204N
CTFPL10	€ 61,38	Sx/L	10 mm	9 mm	150 mm	TPMR090204N
CTFPR12	€ 61,38	Dx/R	12 mm	11 mm	150 mm	TPMR110304N
CTFPL12	€ 61,38	Sx/L	12 mm	11 mm	150 mm	TPMR110304N
CTFPR16	€ 70,90	Dx/R	16 mm	15 mm	210 mm	TPMR110304N
CTFPL16	€ 70,90	Sx/L	16 mm	15 mm	210 mm	TPMR110304N
CTFPR20	€ 80,42	Dx/R	20 mm	18 mm	255 mm	TPMR160304N
CTFPL20	€ 80,42	Sx/L	20 mm	18 mm	255 mm	TPMR160304N
CTFPR25	€ 99,01	Dx/R	25 mm	23 mm	300 mm	TPMR160304N
CTFPL25	€ 99,01	Sx/L	25 mm	23 mm	300 mm	TPMR160304N
CTFPR32	€ 124,32	Dx/R	32 mm	30 mm	355 mm	TPMR160304N
CTFPL32	€ 124,32	Sx/L	32 mm	30 mm	355 mm	TPMR160304N

CKUNR

SOLID BORING BAR

93°



Art.	€	Side	D	h	L	Insert (not included)
CKUNR25	€ 162,40	Dx/R	25 mm	23 mm	300 mm	KNUX160405LN
CKUNR32	€ 184,80	Dx/R	32 mm	30 mm	350 mm	KNUX160405LN
CKUNR40	€ 193,76	Dx/R	40 mm	37 mm	400 mm	KNUX160405LN

KISER

EXTERNAL THREAD TOOL HOLDER

COMPOSED OF: 1 PC EXTERNAL TOOL HOLDER 1 PC SCREW: M3.5 X 12 mm 1 PC HEX KEY: 2,5 mm 1 PC TORX KEY: T15 10 PCS DIFFERENT SIZE INSERTS: (1PZ.) AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00 mm



Art.	€	Shank	L	Insert
KISER	€ 173,60	20 x 20 mm	125 mm	16ER...
KISER25	€ 228,48	25 x 25 mm	150 mm	16ER...

KISNR
INTERNAL THREAD TOOL HOLDER

COMPOSED OF: 1PC INTERNAL TOOL HOLDER 1PC SCREW: M3.5 X 12 mm 1PC HEX KEY: 2,5 mm 1PC TORX KEY: T15 10PCS DIFFERENT SIZE INSERTS: (1PZ.) AG55 - AG60; - ISO 0.8 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00 mm



Art.	€	ø	h	L	Insert
KISNR	€ 200,48	20 mm	18 mm	170 mm	16IR...
KISNR25	€ 238,56	25 mm	23 mm	200 mm	16IR...

KICAN
€ 222,88
INTERNAL AND EXTERNAL GROOVING TOOL HOLDER SET

1 PC EXT. GROOVING TOOL HOLDER: 20 X 20 mm 1 PC INT. GROOVING TOOL HOLDER: Ø 20 mm 2 PC SCREW: M4 X 12 mm - 1 PC TORX KEY: T 15 GROOVING INSERTS 16 mm TIN: 2 PCS 165110134 - 2 PCS 165130134 2 PCS 165160134 - 1 PC 165185134 1 PC 165215134 - 1 PC 165265134 1 PC 165315134


SERx
EXTERNAL THREAD TOOL HOLDER

FOR INDEXABLE CARBIDE INSERTS



Art.	€	Shank	L	Insert (not included)
SER16	€ 53,20	16 x 16 mm	100 mm	16ER..
SER20	€ 68,32	20 x 20 mm	125 mm	16ER...
SER25	€ 78,96	25 x 25 mm	150 mm	16ER...

SNRx
INTERNAL THREAD TOOL HOLDER

FOR INDEXABLE CARBIDE INSERTS



Art.	€	ø	h	L	Insert (not included)
SNR12	€ 53,20	12 mm	11 mm	150 mm	11IR...
SNR16	€ 62,05	16 mm	15 mm	170 mm	16IR...
SNR20	€ 75,15	20 mm	18 mm	170 mm	16IR...
SNR25	€ 93,07	25 mm	23 mm	300 mm	16IR...

T088

€ 96,10

TOOL CUTTING SET

TOOL CUTTING SET FOR EXTERNAL



Set composition 1 Pc SGTBK16 - 1 Pc SGIH26/2 - 1 Pc SGIH26/3

T089

€ 67,31

TOOL CUTTING SET

FOR EXTERNAL



Set composition 1 Pc SGIH19/2 - 1 Pc SGTBK10

T09x

TOOL CUTTING SET

FOR EXTERNAL



Art.	€	Set composition
T090	€ 157,92	1 Pc SGIH32/3 - 1 Pc SGIH32/4 - 1 Pc SGIH32/5 - 1 Pc SGTBK25
T091	€ 115,36	1 Pc SGIH26/2 - 1 Pc SGIH26/3 - 1 Pc SGTBK20

SGIH

TOOL FOR EXTERNAL CUTTING - BLADE

FOR INDEXABLE CARBIDE INSERTS OF 2 mm



Art.	€	Overall sizes	Insert (not included)
SGIH19/2	€ 25,76	19,5 x 85 mm	GCMX2N134
SGIH26/2	€ 32,03	25,75h x 109 mm	GCMX2N134
SGIH26/3	€ 32,03	25,75h x 109 mm	GCMX3N134
SGIH32/3	€ 32,03	31,75h x 150 mm	GCMX3N134
SGIH32/4	€ 32,03	31,75h x 160 mm	GCMX4N134
SGIH32/5	€ 32,03	31,75h x 160 mm	GCMX5N134

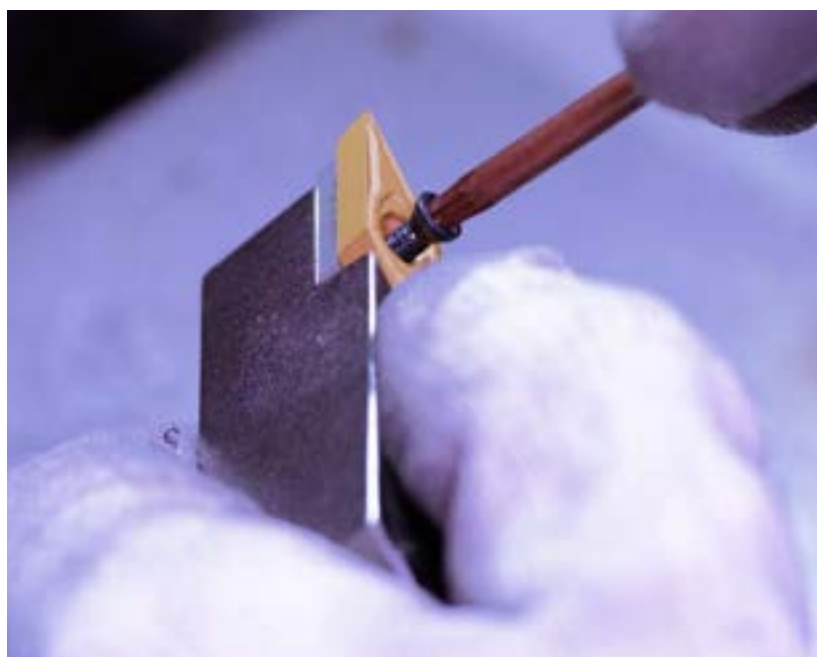
SGTBK

TOOL FOR EXTERNAL CUTTING - BLADE TOOL HOLDER

26 mm, FOR MEDIUM LATHE



Art.	€	Shank	Dimensions	Blade
SGTBK10	€ 42,56	10 x 10 mm	56 x 25 x 30 mm	19 mm
SGTBK16	€ 46,14	16 x 16 mm	87 x 38 x 33 mm	26 mm
SGTBK20	€ 50,74	20 x 20 mm	100 x 38 x 45h mm	26 mm
SGTBK25	€ 63,39	25 x 25 mm	110 x 49 x 48h mm	32 mm



BSTG16 € 23,86

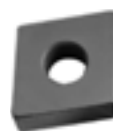
SET 5 BASES 16MM


BU3550 € 23,86

5 BUSHING SET


BSCL09 € 23,86

SET 5 BASES 9MM


BSCL12 € 23,86

SET 5 BASES 12 mm


BU4560 € 23,86

5 BUSHING SET


BSSS12 € 23,86

 5 SQUARE BASE
12MM

BSVJ16 € 23,86

SET 5 BASES 16 mm


BSDJ11 € 26,66

 5 RHOMBIC BASES
11 mm

BU4050 € 26,21

5 BUSHING SET


RICAPCLN € 16,13

 BASE BRACKET
SCREW KIT

RICAPTGN € 14,90

 BASE BRACKET
SCREW KIT

RICAPSSN € 16,13

 BASE BRACKET
SCREW KIT

STAFCKJNR € 18,93

 RIGHT TOOL
BRACKET

STAFCKJNL € 18,93

LEFT TOOL BRACKET


BASECKJNR € 10,98

 CARBIDE BASE
RIGHT TOOL

BASECKJNL € 10,98

 CARBIDE BASE LEFT
TOOL

VITECKJN € 4,45

TOOL SCREW


PDJNRKIT € 18,48

KIT PARTS


PWLNRKIT € 15,46

 BASE BRACKET
SCREW KIT

MCLNBASE25/32 € 18,70

BASE


CTMTMC16/20 € 23,07

TOOL BRACKET 16 - 20


CTMTMC25/32 € 23,07

 TOOL BRACKET
25 - 32

MTFNBASE25/32 € 14,56

BASE


CTFP10/12 € 23,07

TOOL BRACKET



CTFPBASE25/32

€14,56

BASE

FOR 25 - 32



BSER16

€ 31,58

**5 CARBIDE BASE
16MM**



BSNR16

€ 31,58

**5 CARBIDES
16 mm**



KVx

10 PC SCREWS SET

Art.	€	Screw
KV200	€ 19,82	T8 / M2
KV250	€ 19,82	T8 / M2,5
KV300	€ 19,82	T15 / M3
KV350	€ 19,82	T15 / M3,5

Art.	€	Screw
KV400	€ 19,82	T15 / M4
KV450	€ 19,82	T15 / M4,5
KV500	€ 19,82	T20 / M5



COMPATIBLE SCREWS SET

	KV200	KV250	KV350	KV400	KV450
STGCR16/11		•			
STGCL16/11		•			
STGCR20			•		
STGCL20			•		
STGCR25			•		
STGCL25			•		
SCLCR12E				•	
SCLCL12E				•	
SCLCR16E				•	
SCLCL16E				•	
SCLCR20E					•
SCLCL20E					•
SCLCR25E					•
SCLCL25E					•
SSSCR20E					•
SSSCL20E					•
SSSCR25E					•
SSSCL25E					•
SVJBR20			•		
SVJBL20			•		
SVJBR25			•		
SVJBL25			•		
SDJCR10		•			
SDJCR12		•			
SDJCR16		•			
SDJCR20			•		
SDJCL20			•		
SDJCR25			•		
SDJCL25			•		

	KV200	KV250	KV350	KV400	KV450
B001/12		•			
B001/18		•			
SSSCR16				•	
SSSCR20				•	
SSSCR25				•	
SCLCR08		•			
SCLCL08		•			
SCLCR10		•			
SCLCL10		•			
SCLCR12		•			
SCLCL12		•			
SCLCR16				•	
SCLCL16				•	
SCLCR20				•	
SCLCL20				•	
SCLCR25				•	
SCLCL25				•	
SCLCR32				•	
SCLCL32				•	
STFCR08		•			
STFCL08		•			
STFCR10		•			
STFCL10		•			
STFCR12		•			
STFCL12		•			
STFCR16		•			
STFCL16		•			
STFCR20		•			
STFCL20		•			

COMPATIBILITY CHART

	KV200	KV250	KV350	KV400	KV450
STFCLR25			•		
STFCL25			•		
STFCR32			•		
STFCL32			•		
SDUCR10					
SDUCL10		•			
SDUCR12		•			
SDUCL12		•			
SDUCR16		•			
SDUCL16		•			
SDUCR20			•		
SDUCL20			•		
SDUCR25			•		
SDUCL25			•		
SDUCR32			•		
SDUCL32			•		
SER16			•		
SER20			•		
SER25			•		
SNR12		•			
SNR16			•		
SNR20			•		
SNR25			•		
KITCKJ20					
KITCKJ25					
B007/10	•	•			
B007/12		•			
B007/16			•		

COMPATIBLE BASES AND BUSHINGS SETS

	BSTG16	BU3550	BSCL09	BSCL12	BU4560	BSS12	BSVJ16	BU3550	BSCL09	BSCL12	BU4560	BSS12	BSVJ16
STGCR16/11													
STGCL16/11													
STGCR20	•	•						•					
STGCL20	•	•						•					
STGCR25	•	•						•					
STGCL25	•	•						•					
SCLCR16E			•	•	•				•	•	•		
SCLCL16E			•	•	•				•	•	•		
SCLCR20E			•	•	•				•	•	•		
SCLCL20E			•	•	•				•	•	•		
SCLCR25E			•	•	•				•	•	•		
SCLCL25E			•	•	•				•	•	•		
SSSCR20E			•	•	•				•	•	•		
SSSCL20E			•	•	•				•	•	•		

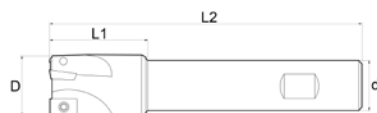
	BSTG16	BU3550	BSCL09	BSCL12	BU4560	BSS12	BSVJ16	BU3550	BSCL09	BSCL12	BU4560	BSS12	BSVJ16
SSSCR25E				•	•							•	•
SSSCL25E				•	•							•	•
SVJBR20		•					•	•	•	•			•
SVJBL20		•					•	•	•	•			•
SVJBR25		•					•	•	•	•			•
SVJBL25		•					•	•	•	•			•
SDJCR20													
SDJCL20													
SDJCR25													
SDJCL25													
SER20		•						•					
SER25		•						•					
SNR20		•						•					
SNR25		•						•					

COMPATIBLE TOOLS

ART.	€	SGTBK10	SGTBK16	SGTBK20	SGTBK25	T088	T089	T090	T091	PAG
SGIH19/2	29,00	•					•			219
SGIH26/2	36,10		•	•		•			•	219
SGIH26/3	36,10		•	•		•			•	219
SGIH32/3	36,10				•			•		219
SGIH32/4	36,10				•			•		219
SGIH32/5	36,10				•			•		219

F300-
STRAIGHT SHANK FACE MILLING CUTTER

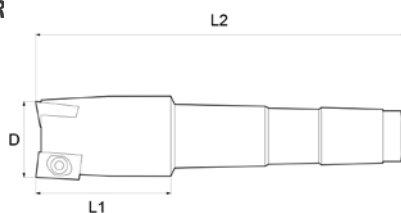
90°



Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F300/12	€ 36,40	12 mm	12 mm	1	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/14	€ 36,40	14 mm	12 mm	1	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/16	€ 43,34	16 mm	16 mm	2	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/18	€ 48,27	18 mm	16 mm	2	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/20	€ 51,74	20 mm	20 mm	3	32 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/22	€ 51,74	22 mm	20 mm	3	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/25	€ 61,94	25 mm	20 mm	4	27 mm	120 mm	T8/25 KV250	APKT1003PDER20A
F300/25/16	€ 61,94	25 mm	20 mm	2	44 mm	120 mm	T15/40 KV400	APKT1604PDER20A
F300/25/16L	€ 72,02	25 mm	20 mm	2	44 mm	200 mm	T15/40 KV400	APKT1604PDER20A
F300/32/16	€ 72,02	32 mm	25 mm	3	50 mm	120 mm	T15/40 KV400	APKT1604PDER20A
F300/32/16L	€ 100,24	32 mm	32 mm	3	55 mm	200 mm	T15/40 KV400	APKT1604PDER20A

F301-
STRAIGHT SHANK FACE MILLING CUTTER

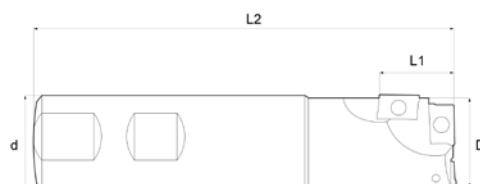
90°



Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F301/25	€ 64,18	25 mm	3	2	40 mm	125 mm	T15/40 KV400	APKT1604PDER20A
F301/32	€ 68,54	32 mm	3	3	40 mm	125 mm	T15/40 KV400	APKT1604PDER20A
F301/40	€ 87,47	40 mm	3	4	35 mm	125 mm	T15/40 KV400	APKT1604PDER20A
F301/32CM4	€ 87,47	32 mm	4	3	45 mm	150 mm	T15/40 KV400	APKT1604PDER20A
F301/40CM4	€ 93,07	40 mm	4	4	40 mm	150 mm	T15/40 KV400	APKT1604PDER20A

F306-
FACE MILLING CUTTER

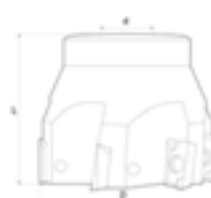
90° CENTER CUTTING



Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F306/20	€ 79,86	20 mm	20 mm	2	18 mm	90 mm	T8/25 KV250	APKT1003PDER20A
F306/25	€ 97,55	25 mm	25 mm	2	18 mm	100 mm	T8/25 KV250	APKT1003PDER20A

F302-
FACE MILLING CUTTER

90°

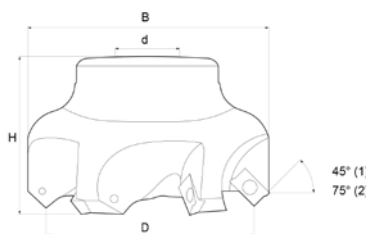


Art.	€	D	L	d	Z	Screw	Insert (not included)
F302/040	€ 141,12	40 mm	40 mm	16 mm	4	KV400	APKT1604PDER20A
F302/050	€ 145,60	50 mm	50 mm	22 mm	4	KV400	APKT1604PDER20A
F302/063	€ 153,44	63 mm	50 mm	22 mm	6	KV400	APKT1604PDER20A
F302/080	€ 181,44	80 mm	50 mm	27 mm	7	KV400	APKT1604PDER20A
F302/100	€ 225,12	100 mm	50 mm	32 mm	8	KV400	APKT1604PDER20A

F304-

FACE MILLING CUTTER FOR BLIND SIDE'S INSERT

APKT1003PDER20A

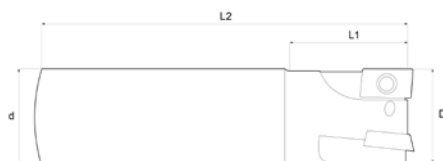


Art.	€	D	h	b	d	Z	Screw	Insert (not included)
F304/063	€ 259,84	63 mm	42 mm	71,2 mm	22 mm	6	T8/25 KV250	APKT1003PDER20A
F304/080	€ 210,56	80 mm	47 mm	84 mm	27 mm	5	T15/40 KV400	APKT1604PDER20A

F402-

FACE MILLING CUTTER

90°



Art.	€	D	d	Z	L1	L2	Screw	Insert (not included)
F402/25	€ 52,19	25 mm	20 mm	2	35 mm	110 mm	T15/40 KV400	ADLT1503ZZR234
F402/32	€ 65,74	32 mm	25 mm	3	35 mm	120 mm	T15/40 KV400	ADLT1503ZZR234
F402/25L	€ 71,12	25 mm	25 mm	2	35 mm	200 mm	T15/40 KV400	ADLT1503ZZR234
F402/32L	€ 91,28	32 mm	25 mm	3	35 mm	200 mm	T15/40 KV400	ADLT1503ZZR234

F401-

FACE MILLING CUTTER

90°

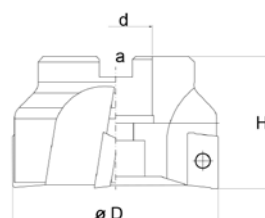


Art.	€	D	MT	Z	L1	L2	Screw	Insert (not included)
F401/25	€ 63,06	25 mm	3	2	44 mm	130 mm	T15/40 KV400	ADLT1503ZZR234
F401/32	€ 77,06	32 mm	3	3	44 mm	130 mm	T15/40 KV400	ADLT1503ZZR234
F401/40	€ 84,45	40 mm	3	4	44 mm	130 mm	T15/40 KV400	ADLT1503ZZR234
F401/40CM4	€ 99,01	40 mm	4	4	44 mm	153 mm	T15/40 KV400	ADLT1503ZZR234

F400-

FACE MILLING CUTTER

90°



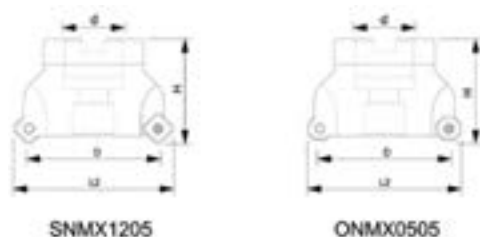
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F400/040	€ 90,50	40 mm	40 mm	8,4 mm	16 mm	4	T15/40 KV400	ADLT1503ZZR234
F400/050	€ 120,96	50 mm	40 mm	10,4 mm	22 mm	5	T15/40 KV400	ADLT1503ZZR234
F400/063	€ 138,88	63 mm	40 mm	10,4 mm	22 mm	6	T15/40 KV400	ADLT1503ZZR234
F400/080	€ 178,08	80 mm	50 mm	12,4 mm	27 mm	7	T15/40 KV400	ADLT1503ZZR234
F400/100	€ 218,40	100 mm	50 mm	14,4 mm	32 mm	8	T15/40 KV400	ADLT1503ZZR234

F256-
FACE MILLING

90°



Art.	€	D	H	a	d	Z	Insert (not included)
F256/040	€ 142,24	40 mm	44 mm	16 mm	16 mm	3	TPKN1603R25
F256/050	€ 146,72	50 mm	44 mm	16 mm	22 mm	3	TPKN1603R25
F256/063	€ 159,04	63 mm	44 mm	16 mm	22 mm	3	TPKN1603R25
F256/080	€ 163,52	80 mm	52 mm	22 mm	27 mm	4	TPKN2204R25
F256/100	€ 210,56	100 mm	52 mm	22 mm	32 mm	5	TPKN2204R25

F407-
CAT. 42
MILLING CUTTER WITH NEGATIVE INSERTS FOR FACE MILLING


Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F407/050	€ 119,84	50 mm	40 mm	63 mm	22 mm	4	SVT005	ONMX120520A - SNMX120520A
F407/063	€ 159,04	63 mm	40 mm	75 mm	22 mm	6	SVT005	ONMX120520A - SNMX120520A
F407/080	€ 198,24	80 mm	50 mm	93 mm	27 mm	7	SVT005	ONMX120520A - SNMX120520A
F407/100	€ 238,56	100 mm	50 mm	113 mm	32 mm	8	SVT005	ONMX120520A - SNMX120520A

F303-
FACE MILLING CUTTER

45°



Art.	€	D	H	B	d	Z	Screw	Insert (not included)
F303/040	€ 112,00	40 mm	45 mm	53 mm	16 mm	3	T20/50 KV500	SEHX1204234 / SEHT1204AFN234
F303/050	€ 125,44	50 mm	48 mm	60 mm	22 mm	4	T20/50 KV500	SEHX1204234 / SEHT1204AFN234
F303/063	€ 146,72	63 mm	50 mm	76 mm	22 mm	5	T20/50 KV500	SEHX1204234 / SEHT1204AFN234
F303/080	€ 175,84	80 mm	50 mm	93 mm	27 mm	5	T20/50 KV500	SEHX1204234 / SEHT1204AFN234
F303/100	€ 207,20	100 mm	50 mm	113 mm	32 mm	6	T20/50 KV500	SEHX1204234 / SEHT1204AFN234
F303/125	€ 303,52	125 mm	60 mm	138 mm	40 mm	7	T20/50 KV500	SEHX1204234 / SEHT1204AFN234

F308-
FACE MILLING CUTTER

43°

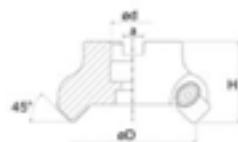


Art.	€	D	H	L2	d	Z	Screw	Insert (not included)
F308/063	€ 208,32	63 mm	40 mm	68 mm	22 mm	5	T15/40 KV400	OFEX05T305234
F308/080	€ 268,80	80 mm	50 mm	86 mm	27 mm	6	T15/40 KV400	OFEX05T305234
F308/100	€ 342,72	100 mm	50 mm	106 mm	32 mm	7	T15/40 KV400	OFEX05T305234

F406-

FACE MILLING CUTTER

45°



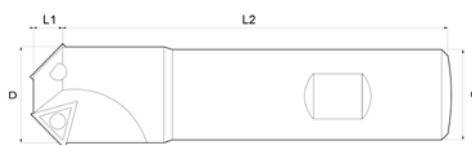
Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F406/40	€ 142,24	40 mm	45 mm	8,4 mm	16 mm	3	T15/40 KV400	SEKN1203AFN25
F406/50	€ 148,96	50 mm	45 mm	10,4 mm	22 mm	4	T15/40 KV400	SEKN1203AFN25
F406/63	€ 159,04	63 mm	45 mm	12,4 mm	22 mm	5	T15/40 KV400	SEKN1203AFN25
F406/80	€ 183,68	80 mm	50 mm	14,4 mm	27 mm	5	T15/40 KV400	SEKN1203AFN25
F406/100	€ 236,32	100 mm	50 mm	16,4 mm	32 mm	6	T15/40 KV400	SEKN1203AFN25

F307/16/22

€ 142,24

INSERTS COUNTER SINKS SET

45°



D	16 / 22 mm	Z	1 / 2
d	12 / 20 mm	Screw	T8/25 KV250
L1	7 mm	Insert (not included)	TCMT110204N
L2	90 / 100 mm		

F405-

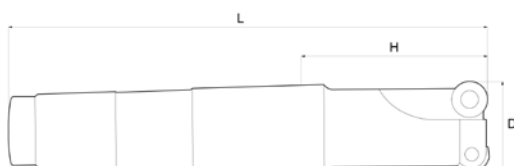
COPING END MILL



Art.	€	D	d	H	L	Z	Screw	Insert (not included)
F405/25	€ 65,74	25 mm	25 mm	55 mm	200 mm	2	T15/40 KV400	RDHT10T3MO-N
F405/32	€ 91,28	32 mm	32 mm	55 mm	200 mm	3	T15/40 KV400	RDHT10T3MO-N

F404-

COPING END MILL

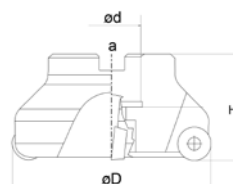


Art.	€	D	MT	H	L	Z	Screw	Insert (not included)
F404/25	€ 53,87	25 mm	3	44 mm	130 mm	2	T15/40 KV400	RDHT10T3MO-N
F404/32	€ 67,98	32 mm	3	44 mm	130 mm	3	T15/40 KV400	RDHT10T3MO-N
F404/40	€ 79,52	40 mm	3	44 mm	130 mm	3	T15/40 KV400	RDHT10T3MO-N

F403-

FACE MILLING CUTTER

Art.	€	D	H	a	d	Z	Screw	Insert (not included)
F403/40	€ 96,66	40 mm	40 mm	8,4 mm	16 mm	3	T15/40 KV400	RPMT1204N
F403/50	€ 125,44	50 mm	42 mm	10,4 mm	22 mm	4	T15/40 KV400	RPMT1204N
F403/63	€ 150,08	63 mm	45 mm	10,4 mm	22 mm	5	T15/40 KV400	RPMT1204N
F403/80	€ 178,08	80 mm	50 mm	12,4 mm	27 mm	6	T15/40 KV400	RPMT1204N
F403/100	€ 210,56	100 mm	50 mm	14,4 mm	32 mm	6	T15/40 KV400	RPMT1204N



F256/648

€ 12,10

WSSP

€ 8,29

F256/644

€ 6,83

VT00440

€ 20,16

 MILL SCREW
080/125


BASE


 MILL SCREW
040/063

 5PCS MILL
SCREWS


COMPATIBILITY CHART

	€	F302/040	F302/050	F302/063	F302/080	F302/100	F304/063	F304/080	F400/040	F400/050	F400/063	F400/080	F400/100	F256/040	F256/050	F256/063	F256/080	F256/100	F303/040	F303/050	F303/063	F303/080	F303/100	F303/125	F308/063	F308/080	F308/100	F406/40	F406/50	F406/63	F406/80	F406/100	F403/40	F403/50	F403/63	F403/80	F403/100	F407/050	F407/063	F407/080	F407/100	PAG							
16/CM3	87,81	*							*					*				*											*					*										198					
16/CM4	87,81	*							*					*				*										*						*										198					
22/CM3	87,81		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	198					
22/CM4	87,81		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	198					
27/CM3	87,81			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	198					
27/CM4	87,81			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	198					
16A40	101,92	*							*					*					*									*						*										195					
22A40	101,92		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195					
27A40	101,92			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195						
32A40	113,12				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195					
16A50	141,12	*							*					*					*									*						*										195					
22A50	141,12		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195					
27A50	141,12			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195					
32A50	151,20				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	195					
40A50	164,64																								*																			195					
16/B40	112,00	*						*						*					*								*			*				*										197					
22/B40	112,00		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
27/B40	112,00			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
32/B40	112,00				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
16/B50	135,52							*						*					*								*			*				*										197					
22/B50	135,52		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
27/B50	135,52			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
32/B50	145,60				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
40/B50	156,80																								*																			197					
16/D40	101,92	*						*						*					*								*			*				*										197					
22/D40	101,92		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
27/D40	101,92			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
32/D40	113,12				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
16/D50	142,24	*						*						*					*								*			*				*										197					
22/D50	142,24		*	*			*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
27/D50	152,32			*	*			*				*				*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
32/D50	152,32				*							*				*	*	*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	197					
40/D50	162,40																							*																				197					
		F300/12	F300/14	F300/16	F300/18	F300/20	F300/22	F300/25	F300/25/16	F300/25/16L	F300/32/16	F300/32/16L	F301/25	F301/32	F301/40	F301/32/CM4	F301/40/CM4	F306/20	F306/25	F302/040	F302/050	F302/063	F302/080	F302/100	F304/063	F304/080	F402/25	F402/32	F402/25L	F402/32L	F401/25	F401/32	F401/40	F401/40CM4	F400/040														
KV250	*	*	*	*	*	*	*	*										*	*																														
KV350																			*	*																													
KV400									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
		F400/050	F400/063	F400/080	F400/100	F256/040	F256/050	F256/063	F256/080	F256/100	F303/040	F303/050	F303/063	F303/080	F303/100	F303/125	F308/063	F308/080	F308/100	F406/40	F406/50	F406/63	F406/80	F406/100	F307/16/22	F405/25	F405/32	F404/25	F404/32	F404/40	F403/40	F403/50	F403/63	F403/80	F403/100	F407/050	F407/063	F407/080	F407/100										
KV250																									*																								
KV350																																																	
KV400	*	*	*	*													*	*	*								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
KV401																																																	
KV500											*	*	*	*	*	*	*	*	*																		*	*	*	*	*	*	*	*					
F256/648								*	*																				</																				