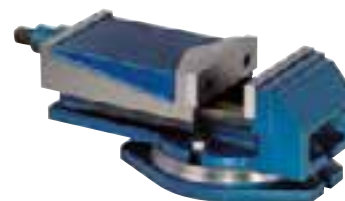
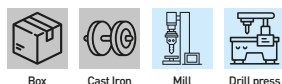


M023-
MILLING MACHINE VICE WITH 360° SWIVEL BASE

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



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	215 x 165 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	18 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.



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



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 63 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.



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-
NEW
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	Net weight
M017/080	80 mm	25 mm	87 mm	185 x 155 mm	4,3 Kg
M017/100	100 mm	32 mm	100 mm	230 x 200 mm	7,8 Kg

M027-
DRILL PRESS VICE

Equipped with scraped guides for greater precision and better sliding.



Box



Cast Iron



Drill press



Mill

Art.	Jaws	Opening	Base dimensions	Net weight
M027/100	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-
NEW
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

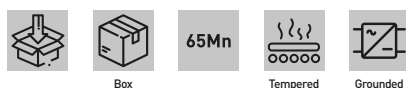
Art.	Jaws	Opening	Base dimensions	Height	Longitudinal travel	Cross travel	Slot	Net weight
0188/100G	100 X 25 mm	90 mm	210 x 150 mm	175 mm	130 mm	110 mm	18 mm	11,5 kg
0188/125G	125 X 40 mm	120 mm	230 x 175 mm	180 mm	150 mm	120 mm	20 mm	14,5 kg
0188/150G	150 X 45 mm	150 mm	235 x 195 mm	190 mm	170 mm	115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

0766-

NEW

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.



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.



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.



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

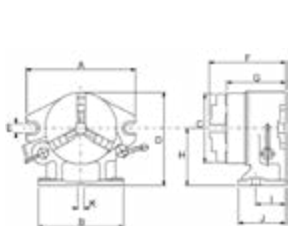
Ground in pairs. Used as part shims in wide variety of machining operations, ensuring parallel clamping.



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

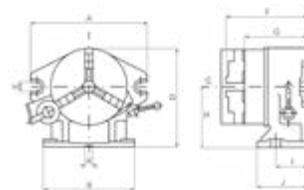


Mill

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

D003**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 0° - 360°.



Wooden Box

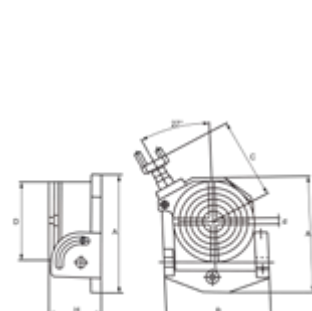


Mill

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

T016/100**TILTING ROTARY TABLE**

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



Box

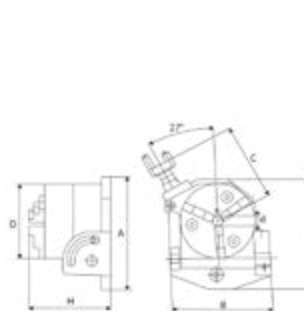


Mill

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

T017/100**TILTING ROTARY TABLE WITH CHUCK**

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



Box

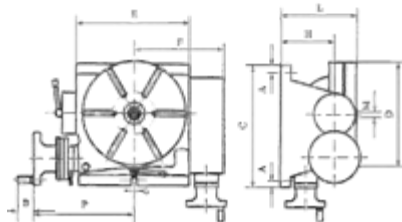
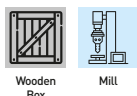


Mill

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

T001-
0° ÷ 90° TILTING ROTARY TABLE

Equipped with micrometric adjustment and oil bath gears.



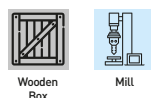
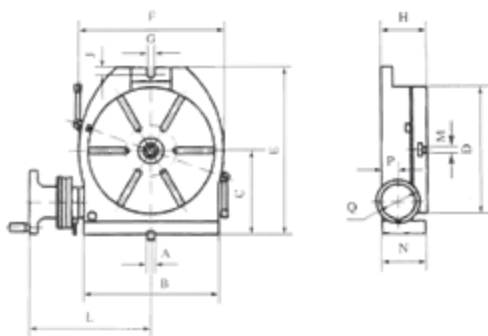
Art.	A	B	C	D	E	F	G	H	L	MT	Ratio	Slots	Hor. max load	Ver. max load	Net weight
T001/250	14 mm	40 mm	310 mm	250 mm	252 mm	199 mm	14 mm	140 mm	205 mm	3	1:90	6/12 N° / mm	200 kg	100 kg	78 kg
T001/320	16 mm	40 mm	380 mm	320 mm	322 mm	241 mm	18 mm	185 mm	257 mm	4	1:90	6/14 N° / mm	250 kg	125 kg	133 kg

D005-
DIVIDING PLATES FOR ROTARY TABLE

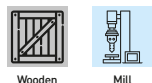
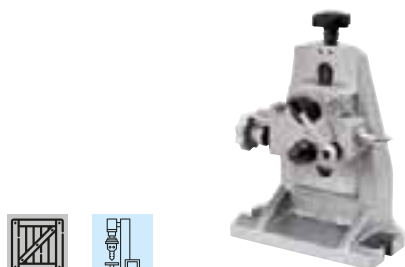

Art.	For rotary table	Ratio	Plates holes	Hole	External
D005	T001/250 - 320, T002/160 - 320	1:90	A: 34-37-38-39-41-43-44-50-52-56-6, B: 46-47-49-51-53-54-57-58-59-62-64	38 mm	130 mm
D005/400	T002/400	1:90	A: 34-37-38-39-41-43-44-50-52-56-61, B: 46-47-49-51-53-54-57-58-59-62-64	53 mm	170 mm
D005/500	T012/500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

T002-
HORIZONTAL AND VERTICAL ROTARY TABLE

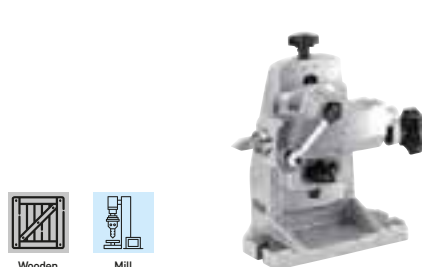
Equipped with micrometric adjustment and oil bath gears.



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**

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

C051**ADJUSTABLE TAILSTOCK**

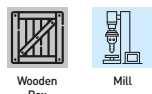
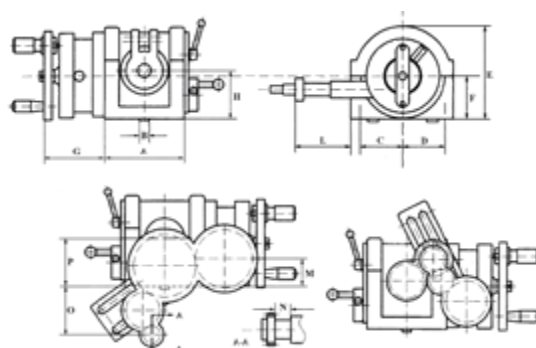
For rotary table	T001/250 - T002/200 - T002/250
MT	2
Centers height	140 - 180 mm
Net weight	18 kg

C052**ADJUSTABLE TAILSTOCK**

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**

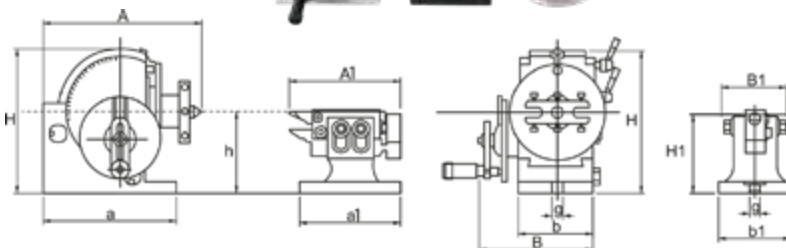
Equipped with hardened and ground worm screw and precision tapered roller bearings. Allows the operator to perform exactly determined angular rotations, such as are required for the divisions of a circumference into a certain number of equal parts.



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.



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

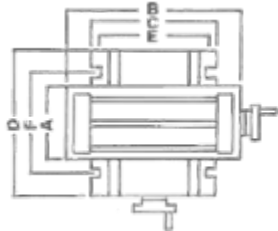


Cast Iron



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
Reading	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

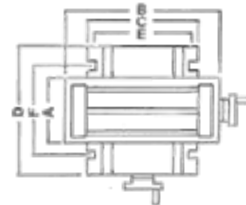


Cast Iron



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
Reading	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

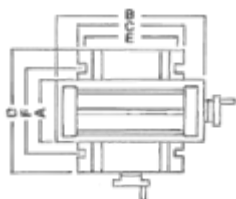


Cast Iron



Mill

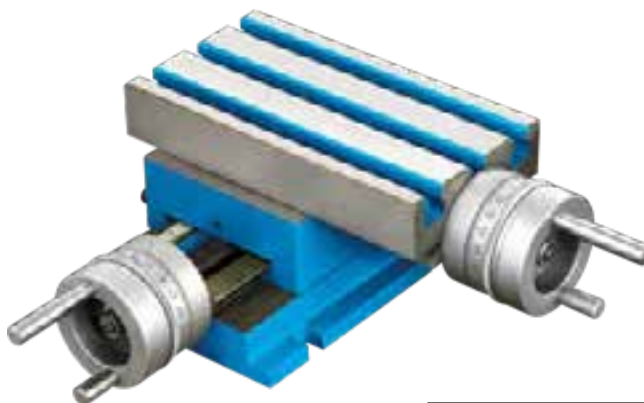
A	100 mm
B	185 mm
C	130 mm
D	170 mm
E	104 mm
F	103 mm
Slot	10 mm
Height	100 mm
Travels	50 x 80 mm
Reading	0,01 mm
Net weight	10 kg



T015/E

CROSS WORKING TABLE

With adjustable graduation of the handwheel.



Box

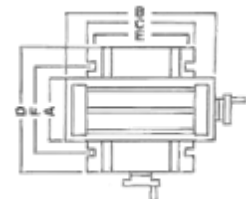


Cast Iron



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
Reading	0,01 mm
Net weight	10 kg



**T008****CROSS WORKING TABLE**

Box

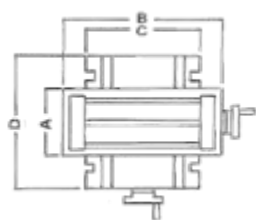


Cast Iron



Mill

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

**T018/350****CROSS WORKING TABLE**

With fixed millimeter scale for longitudinal table movements.



Box



Aluminum

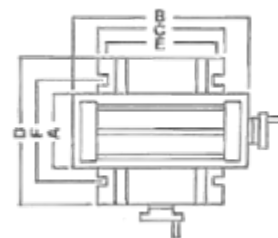


Mill



Drill press

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

**T018/330****CROSS WORKING TABLE**

With fixed millimeter scale for longitudinal table movements.



Box



Aluminum

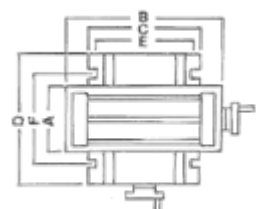


Mill

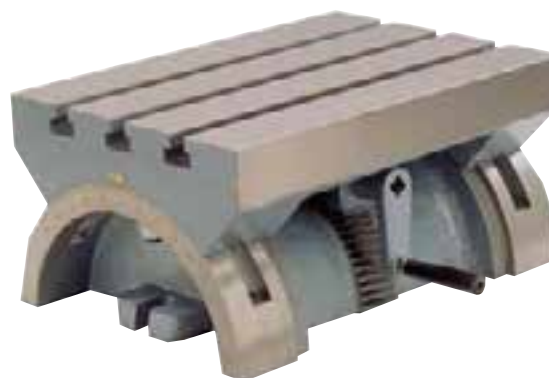


Drill press

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

**T004-****ADJUSTABLE ANGLE PLATE**

With tilting regulation on both sides.

Wooden
Box

Cast Iron



Mill

Art.	Dimensions	Slot	Tilting	Net weight
T004/250	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


Art.	Dimensions	Magnetic force	Pole pitch	Net weight
P077/1525	250 x 150 x 60 mm	180 N/cm ²	3 + 12 mm	17 Kg
P077/1530	300 x 150 x 60 mm	180 N/cm ²	3 + 12 mm	20 Kg
P077/2040	400 x 200 x 60 mm	180 N/cm ²	3 + 12 mm	37 Kg
P077/3050	500 x 300 x 60 mm	180 N/cm ²	3 + 12 mm	65 Kg
P077/3060	600 x 300 x 60 mm	180 N/cm ²	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.



Art.	Dimensions	Magnetic force	Pole pitch	Net weight
P078/1525	250 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	16 Kg
P078/1530	300 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	17 Kg
P078/1535	350 x 150 x 48 mm	120 N/cm ²	0,5 + 1,5 mm	20 Kg
P078/1540	400 x 150 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	24 Kg
P078/1545	450 x 150 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	27 Kg
P078/2045	450 x 200 x 51 mm	120 N/cm ²	0,5 + 1,5 mm	38 Kg
P078/2050	500 x 200 x 58 mm	120 N/cm ²	0,5 + 1,5 mm	57 Kg
P078/2060	600 x 200 x 58 mm	120 N/cm ²	0,5 + 1,5 mm	55 Kg


P079-
MAGNETIC TOP WITH BREAST BAR


Art.	Dimensions	Magnetic force	Pole pitch	Tilting	Net weight
P079/1515	150 x 150 x 86 mm	120 N/cm ²	0,5 + 1,5 mm	0° - 60°	17 Kg
P079/1530	150 x 300 x 86 mm	120 N/cm ²	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.



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.



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

