

MILLS / MILL-DRILLS AND ACCESSORIES

VARIABLE SPEED & TILTING HEAD MILL DRILLS

BF-16V Mini Mill Drill

- Electronic variable speed
- Dovetail column
- Head tilts $\pm 90^\circ$
- 500W 240V motor
- Travels:
 - (X) 220mm
 - (Y) 160mm
 - (Z) 210mm

\$715
inc gst
M646

3MT SPINDLE

ST-1620V MILL STAND

\$319
inc gst
M651

BF-20LV Mill Drill

- Electronic infinitely variable speed
- Dovetail column
- 2 speed gearbox
- Head tilts $\pm 90^\circ$
- 850W 240V motor
- Travels:
 - (X) 480mm
 - (Y) 175mm
 - (Z) 280mm

\$1,859
inc gst
M650

DOVETAIL VERTICAL Z-AXIS

MH-28V Mill Drill

- Electronic infinitely variable speed
- Dovetail column
- 2 speed gearbox
- Head tilts $\pm 90^\circ$
- 1.1kW 240V motor
- Travels:
 - (X) 430mm
 - (Y) 220mm
 - (Z) 355mm

\$2,585
inc gst
M652

CAST IRON TABLE WITH T-SLOT

ST-28V MILL STAND

\$319
inc gst
M653

MILL DRILLS

HM-32

- 3MT spindle
- 12 speeds (100-2150rpm)
- 820 x 240mm work table
- 2hp, 240V motor
- Travels:
 - (X) 540mm
 - (Y) 190mm
 - (Z) 410mm
- Includes drill chuck, Tungsten tip face cutter & tilting vice

BELT DRIVE

\$1,925
inc gst
M121

MDS-H MILL STAND

\$319
inc gst
M135A

HM-46 Geared & Tilting Head

- 3MT taper & Tilting head
- Dovetail vertical slide
- 6 speeds (95-1600rpm)
- 730 x 210mm table size
- 1.5hp 240V motor
- Travels:
 - (X) 475mm
 - (Y) 195mm
 - (Z) 450mm

\$2,409
inc gst
M123

MDS-H MILL STAND

\$319
inc gst
M135A

HM-48

Geared & Tilting Head with DRO

- 3 axis DRO system
- Dovetail column
- Geared head drive
- Head tilts $\pm 90^\circ$
- 2hp 240V motor
- Travels:
 - (X) 540mm
 - (Y) 185mm
 - (Z) 410mm

\$5,115
inc gst
M126D

HM-47 Geared & Tilting Head

- 2 Axis DRO system
- Dovetail column
- Geared head drive
- Head tilts $\pm 90^\circ$
- 2hp 240V motor
- Travels:
 - (X) 540mm
 - (Y) 185mm
 - (Z) 410mm

\$4,015
inc gst
M125D

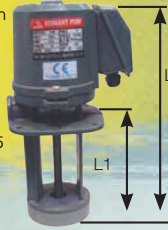
INCLUDES DRO

NEW RELEASE

COOLANT PUMPS - ALMOST ANY APPLICATION

- Submersible type
- High-tensile cast iron housing
- Totally enclosed motor and non-corrosive plastic impellers

CODE	P232	P233	P230
Discharge at 2M lift	20ltrs/min	20ltrs/min	60ltrs/min
Total Height (L)	285	285	350
Submerge Depth (L1)	130mm	130mm	180mm
PCD 4 mount holes	130	130	160
Outlet	3/8"	3/8"	1/2"
Motor (hp / V)	1/8 / 240	1/8 / 415	1/4 / 415
Weight (kg)	6.5	6.5	13
inc GST	\$143	\$143	\$352



POWER FEED UNITS

- M230**
- Highest quality design & construction
 - Suits longitudinal feed
 - Variable speed drive
- M227 / M229 / M2295**
- Enamelled die-cast aluminium housing
 - Robust construction
 - 110V carbon brush motor



Axis	Suits	Speed Range	Torque	CODE	inc GST
X-Axis	Mill-Drill	0-270rpm	Max. 550 in/lb	M230	\$592.90
				M240	\$108.90
				M227	\$713.90
				M229	\$750.20
				M2295	\$871.20

110V Transformer to suit

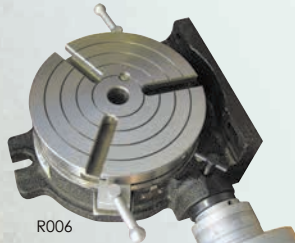
ROTARY TABLES

HV-4 / HV-6 / HV-8 / HV-10 / HV-12 / HV-14 / HV-16

- High level of accuracy
- Hardened and ground worm gear
- Gear ratio 90:1
- Vernier reading 10 seconds
- Table is graduated to 360° so one turn of the handle moves the table 4°
- Smooth operation for precision work
- Can be used horizontally or vertically



MADE IN TAIWAN



R006



R005



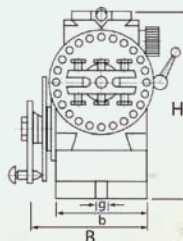
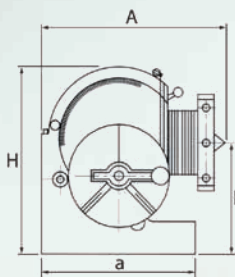
Diameter (D)	Height (H)	Weight	CODE	inc GST
110mm	80mm	7.5kg	R005	\$350.90
152mm	80mm	12kg	R006	\$363.00
203mm	105mm	30kg	R008	\$592.90
254mm	115mm	45kg	R010	\$701.80
305mm	135mm	85kg	R012	\$871.20
350mm	140mm	100kg	R012A	\$1,076.90
406mm	155mm	135kg	R012B	\$1,633.50

DIVIDING HEADS - SEMI-UNIVERSAL

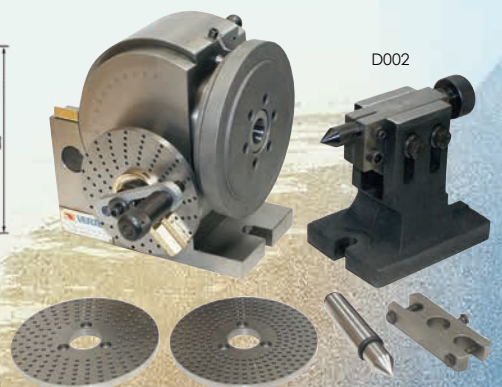
- Improved design with spindle spigot nose for a more accurate chuck mount
- The head can be swivelled from 10° below horizontal to 90° vertical
- Worm hardened and ground ratio between worm and worm wheel 40:1
- Dividing plates are designed to allow easy indexing on numbers 2, 3, 4, 6, 8, 12 & 24



MADE IN TAIWAN



Model	Centre Height	A	B	H	h	a	b	g	Taper	Bore	Weight	CODE	inc GST
BS-0	100mm	189	140	173	100	160	91	13	2MT	18	20kg	D001	\$592.90
BS-1	128mm	293	156	220	128	207	114	16	3MT	20	30kg	D002	\$786.50



D002

ER COLLET CHUCK SETS

- 6 Collets covering metric & imperial



NT30

TM TOOLMASTER

Collet	Taper	Piece	Range (mm)	CODE	inc GST
ER32	3MT	6	7-6, 8-7, 10-9, 13-12, 16-15, 20-19	C922B	\$278.30
ER32	NT30	6	7-6, 8-7, 10-9, 13-12, 16-15, 20-19	C9245	\$278.30

CLAMP KITS - 58 PIECE

- Rolled threads
 - Black oxide finish, tool steel, heat treated
- NOTE: (C098-C099) packed in a flat base wooden holder

Includes

- 6 x 1-Slot nuts
- 6 x Flange nuts
- 4 x Coupling nuts
- 6 x Step clamps
- 12 x Step blocks
- 24 x Studs (4 each = 3", 4", 5", 6", 7", 8" length)
- C090, C091, C092
- 24 x Studs (4 each = 75, 100, 125, 150, 175, 200mm length)
- C0951, C096, C096A, C097, C098, C099
- 1 x Storage unit



C090 - C091



C092 - C097



C098 - C099

Slot	Stud	CODE	inc GST
1/2"	3/8" UNC	C090	\$119.90
5/8"	1/2" UNC	C091	\$119.90
3/4"	5/8" UNC	C092	\$148.50
12mm	M10 x 1.5mm	C0951	\$115.50
14mm	M12 x 1.75mm	C096	\$126.50
16mm	M12 x 1.75mm	C096A	\$139.15
18mm	M16 x 2mm	C097	\$205.70
20mm	M18 x 2.5mm	C098	\$350.90
22mm	M20 x 2.5mm	C099	\$473.00

FLANGED NUTS & CLAMP KIT TEE NUTS

Flanged Nuts

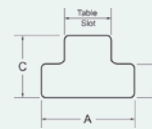
- Sold in sets of 2

Thread	CODE	inc GST
1/2" UNC	N084	\$11.00
M10	N085	\$11.00
M12	N086	\$11.00
M16	N088	\$11.00



Clamp Kit Tee Nuts

- Sold in sets of 2



Slot	Thread	A	B	C	CODE	inc GST
5/8"	1/2" UNC	1"	1 1/32"	5/8"	C084	\$14.30
10mm	M8	16mm	6mm	12mm	C085	\$14.30
12mm	M10	18mm	7mm	14mm	C085A	\$14.30
14mm	M12	22mm	8mm	16mm	C086	\$14.30
16mm	M12	25mm	8mm	16mm	C087	\$14.30
18mm	M16	28mm	11mm	20mm	C088	\$17.05

K-TYPE MILLING VICES

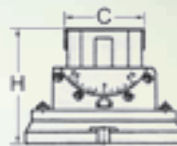
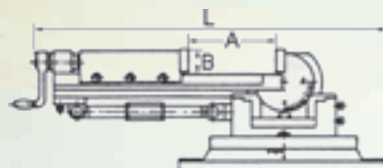
- Jaws hardened & ground alloy steel
- Graduated swivel base with large, easy-to-read divisions
- All working surfaces, such as top & bottom of bed, jaw plates & base, are precision ground square & parallel

Size	Open	A	B	E	H	R	S	a	b	h1	h2	g1	g2	Weight kg	CODE	inc GST
63.5	51	200	70	68	70	51	260	98	75	30	25	12	12	5.7	V112	\$121.00
100	62	267	106	100	75	62	295	160	114	30	25	13	13	11.0	V104	\$168.30
127	80	345	128	125	98	80	370	208	150	37	30	12	12	17.0	V105	\$242.00
152	112	421	160	150	105	112	462	245	175	40	40	16	16	28.0	V106	\$264.00
203	146	576	215	200	144	146	620	340	230	58	45	18	18	58.0	V108	\$471.90

3 WAY ANGLE MILLING VICES

Angles can be set in 3 planes:

1. Swivel 360° around the base
2. The vice can be elevated through 90° from horizontal to vertical
3. Tilts 45° from side to side



Size	A	B	C	H	L	Weight kg	CODE	inc GST
75	82	35	75	150	280	13	V113	\$396
125	95	45	125	210	340	27	V115	\$429

FACE MILL CUTTERS - POSITIVE RAKE

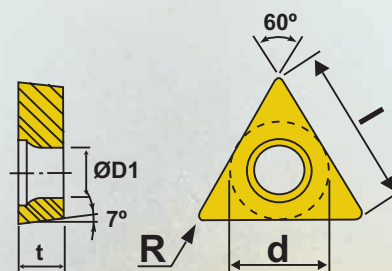
- Use carbide inserts (ISO) TPKN1603 (L0661) or TPMN1603 (L066)
- Use carbide Inserts (ISO) TPKN2204 (L069) - M503 & M504
- Suitable for steel, cast iron & non-ferrous metals
- Includes lock key for insert

Cutter	Insert Qty	Bore	CODE	inc GST
Ø50mm	3	22mm	M510	\$108.90
Ø63mm	4	27mm	M511	\$119.90
Ø75mm	5	27mm	M512	\$143.00
Ø100mm	6	32mm	M513	\$203.50
Ø125mm	8	40mm	M503	\$396.00
Ø160mm	10	40mm	M504	\$522.50



NOTE: Inserts not included

ISO TUNGSTEN CARBIDE INSERTS



MILLING DIAGRAM

FACE MILL ARBORS

- Material: SCM-21
- Hardness: HRC 50° - 55°



3MT



NT30

Size mm	Draw Bar	CODE	inc GST
MT3 x Ø22	1/2"	M562	\$71.50
MT3 x Ø27	1/2"	M563	\$70.40
NT30 x Ø22	12mm	M540	\$75.90
NT30 x Ø27	12mm	M542	\$75.90
NT30 x Ø32	12mm	M544	\$75.90
NT30 x Ø40	12mm	M545	\$114.95

MILLING INSERTS (PACK OF 10)

ISO	Grade	l	d	t	R	CODE	inc GST
SEKT 1204-AFEN-S	PR1225	12.7	12.7	4.76	1.7 Flat	L065	\$180.40
TPMN 160308	PR1255	16.5	9.952	3.18	0.8	L066	\$107.80
TPKN 2204-PDTR	PW30	22	12.7	4.76	1.6 Flat	L069	\$192.50
APMT 103504-PDER-H	ACZ330	-	9.75	3.3	0.4	L059	\$152.35

LOW VOLT HALOGEN & FLUORESCENT LAMPS

- (L283)
- Magnetic base
 - Transformer included

Model	Type	Input Voltage	Watt	CODE	inc GST
HL-35T	Flexible Lamp - Halogen	240V	35W	L283	\$110.00
HL-35LT	Flexible Lamp - 3 x LED	240V	3W	L2814	\$165.00
HL-55	Swivel & Pivot Arm - Halogen	12V	55W	L284	\$121.00
HL-55T	Swivel & Pivot Arm - Halogen	240V	55W	L285	\$170.50

- (L2814)
- 3 x LED
 - 750 lux at 1 metre
 - Transformer included

- (L284)
- Head swivels 310° & base 360°
 - No transformer
 - 12 Volt

- (L285)
- Head swivels 310° & base 360°
 - Transformer included
 - 240V



alcock
tools that stand the test of time

- Slot Drill Set**
- Manufactured from HSS M35 5% Cobalt bright finish
 - Two Flute
- 5 Piece Metric**
6, 8, 10, 12, 16mm

\$107.80
inc gst
M3351



- End Mill Set**
- Manufactured from HSS M35 5% Cobalt bright finish
 - Four Flute
- 5 Piece Metric**
6, 8, 10, 12, 16mm

\$107.80
inc gst
M3352



- End Mill Set - Solid Carbide**
- Manufactured from Solid Carbide
 - Bright finish
 - Plain Shank
- 4 Piece Metric**
6, 8, 10, 12mm

\$204.60
inc gst
M337



- Slot Drill & End Mill Sets**
- Manufactured from HSS M2
 - Plain shank • Includes 5 end mills & 5 slot drills

10 Piece Metric
6, 10, 12, 16, 20mm

\$139.15 inc GST (M3301)

10 Piece Imperial
1/4", 3/8", 1/2",
5/8", 3/4"

\$139.15 inc GST (M3321)



- Counterbore Drill Set**
- 6 piece set
 - HSS M35 bright finish
 - Plain Shank
 - Range: M3, M4, M5, M6, M8, M10

\$145.20
inc gst
M3381



- Radius Cutter Set**
- 4 piece set
 - High Grade HSS M35 bright finish
 - Radius sizes: 4, 5, 6, 8mm
 - Shank sizes: 12, 16, 16, 20mm

\$145.20
inc gst
M3391



- Ball Nose Cutter Set**
- 5 Piece
 - HSS M35 5% Cobalt bright finish
 - Plain Shank
 - 2 Flute
 - Sizes: 6, 8, 10, 12, 16mm

\$107.80
inc gst
M3355



- Industrial Countersink Sets**
- 4 piece
 - HSS M2 bright finish
 - Cross hole type
 - Range: Ø2 - Ø5mm, Ø5 - Ø10mm, Ø10 - Ø15mm, Ø15 - Ø20mm
 - Angle 45°

\$78.65
inc gst
D1051



- 6 piece
- HSS M2 bright finish
- 3 flute type
- Range: Ø1.5 - Ø6.3mm, Ø6.3 - Ø8.3mm, Ø8.3 - Ø10.4mm, Ø10.4 - Ø12.4mm, Ø12.4 - Ø16.5mm, Ø16.5 - Ø20.5mm

\$90.75
inc gst
D1061



- Combination Tap & Drill Set**
- 7 piece set
 - HSS M2 bright finish
 - M3, M4, M5, M6, M8, M10mm
 - Includes hex snap-on shank for hand drill

\$66.55
inc gst
T0191



- Centre Drill Set**
- Industrial quality
 - HSS M2 bright finish
 - No. 1, 2, 3, 4, 5

\$47.30
inc gst
D508



- Sheet Metal Step Drill Set**
- HSS M2 bright finish
 - 4-12 x 1mm
 - 6-20 x 2mm
 - 6-30 x 2mm

\$90.75
inc gst
D1071



INDIVIDUAL ENGINEERS FILES

Shape	Cut (Teeth)	CODE	inc GST
Flat	Course	F120	\$17.05
Flat	Second Cut	F121	\$17.05
Flat	Smooth	F122	\$17.05
Half Round	Course	F124	\$17.05
Half Round	Second Cut	F125	\$17.05
Half Round	Smooth	F126	\$17.05
Round	Course	F127	\$17.05
Round	Second Cut	F128	\$17.05
Round	Smooth	F129	\$17.05



- Hole Saw Set - General Set**
- Bi-Metal high speed steel
 - 11 Sizes: 19, 22, 25, 32, 35, 38, 44, 51, 57, 64, 76mm
 - Includes 3/8" & 1/2" shank arbors
 - Pilot drill

\$133.10 inc GST (D102)



- Hole Saw Set 8 Piece Carbide Tipped**
- Heat resistant carbide teeth
 - Suitable for stainless steel, steel, fibre glass, and glass reinforced products
 - Range: 16, 20, 22, 25, 28, 30, 32, 35mm

\$119.90 inc GST (D108)



- 2MT Drill Set**
- 100% HSS flute length
 - Sizes: 14.5, 15, 16, 17, 18, 19, 20, 21, 22, 23mm

\$217.80 inc GST (D122)



- Reduced Shank Drill Set - 8 piece**
- High speed steel M2 grade 100% flute length
 - 118° point angle

Metric
Range: 13 - 25mm
Shank Ø13mm
\$168.30 inc GST (D1171)

Imperial
9/16" - 1" Range
Shank Ø1/2"
\$168.30 inc GST (D1181)



- Industrial Drill Sets**
- Precision ground flutes
 - HSS M2 bright finish
 - 135° split point centre

25 Piece Metric
1 - 13mm (x 0.5mm)
\$107.80 inc GST (D1272)

29 Piece Imperial
1/16" - 1/2" (x 1/64")
\$114.95 inc GST (D1282)

- Industrial Drill Sets**
- Precision ground flutes
 - HSS M2 bright finish

51 Piece Metric
1 - 6mm (x 0.1mm)
\$133.10 inc GST (D1285)



- Industrial Jobber Drill Packs**
- Industrial M2 grade high speed steel
 - Ground flute & split point
 - 135° ground drill point

Ø(mm)	Qty	CODE	inc GST	Ø(mm)	Qty	CODE	inc GST
1.0	10	D8150	\$11.00	7.0	10	D8162	\$55.00
1.5	10	D8151	\$11.00	7.5	10	D8163	\$63.80
2.0	10	D8152	\$11.00	8.0	5	D8164	\$27.50
2.5	10	D8153	\$11.00	8.5	5	D8165	\$31.35
3.0	10	D8154	\$15.95	9.0	5	D8166	\$35.75
3.5	10	D8155	\$15.95	9.5	5	D8167	\$40.15
4.0	10	D8156	\$18.70	10.0	5	D8168	\$44.55
4.5	10	D8157	\$23.10	10.5	5	D8169	\$49.50
5.0	10	D8158	\$28.05	11.0	5	D8170	\$55.55
5.5	10	D8159	\$32.45	11.5	5	D8171	\$61.05
6.0	10	D8160	\$38.50	12.0	5	D8172	\$68.20
6.5	10	D8161	\$46.75	12.5	5	D8173	\$73.70



MORSE TAPER SHANK DRILLS

- High Speed Steel • Made to DIN345 standard

Ø(mm)	Taper	CODE	inc GST	Ø(mm)	Taper	CODE	inc GST
12.5	1MT	D300	\$15.95	22.0	2MT	D319	\$36.30
13.0	1MT	D301	\$18.15	22.5	2MT	D320	\$36.30
13.5	1MT	D302	\$18.15	23.0	2MT	D321	\$38.50
14.0	1MT	D303	\$22.00	23.5	3MT	D322	\$43.45
14.5	2MT	D304	\$22.00	24.0	3MT	D323	\$43.45
15.0	2MT	D305	\$22.00	24.5	3MT	D324	\$43.45
15.5	2MT	D306	\$22.00	25.0	3MT	D325	\$47.30
16.0	2MT	D307	\$22.00	25.5	3MT	D326	\$47.30
16.5	2MT	D308	\$22.00	26.0	3MT	D327	\$50.60
17.0	2MT	D309	\$24.20	26.5	3MT	D328	\$50.60
17.5	2MT	D310	\$24.20	27.0	3MT	D329	\$54.45
18.0	2MT	D311	\$26.40	27.5	3MT	D330	\$54.45
18.5	2MT	D312	\$26.40	28.0	3MT	D331	\$56.65
19.0	2MT	D313	\$26.40	28.5	3MT	D332	\$56.65
19.5	2MT	D314	\$26.40	29.0	3MT	D333	\$60.50
20.0	2MT	D315	\$30.25	29.5	3MT	D334	\$60.50
20.5	2MT	D316	\$30.25	30.0	3MT	D335	\$72.60
21.0	2MT	D317	\$34.10	30.5	3MT	D336	\$72.60
21.5	2MT	D318	\$34.10	31.0	3MT	D337	\$83.60

