



Ang-Fixed Milling Vise

Accuracy 0.0008"/0.02mm
High clamping power



VA-4, VA-5, VA-6, VA-8



VD-675, VD-810



Made in Taiwan



Order No.	Designation	Jaw Width	Opening	Jaw Height	Clamping Force	Weight
1002-030	VA-4	4"	4"	1.42"	3300lbf	44lb
1002-031	VA-5	5"	4.3"	1.42"	4400lbf	66.23lb
1002-032	VA-6	6"	6"	1.81"	5500lbf	92.4lb
1002-033	VA-8	8"	8.3"	2.44"	6600lbf	176.60lb
1002-034	VD-675-1	6"	7.5"	1.93"	5500lbf	92.72lb
1002-034B	VD-690-1	6"	9.0"	1.81"	5060lbf	94.6lb
1002-035B	VD-810	8"	10.8"	2.44"	6600lbf	167.77lb

Precision Modular Machine Vises

Parallelism: 0.0002"/4"

Squareness: 0.0002"

Made of High Alloy Steel

Case hardened (58-62HRC)

No Jaw lifting

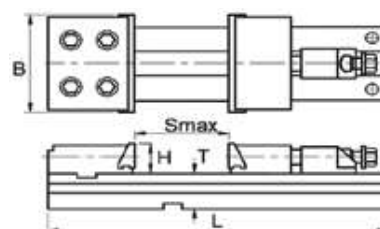
Suitable for all kinds of CNC Milling and

Grinding, Drilling Machines

Supplied with one workstop, four clamps,

One box wrench, one pair of positioning nuts

and one T wrench

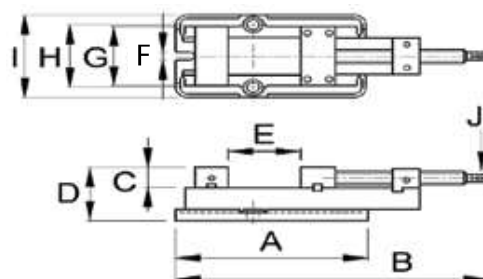
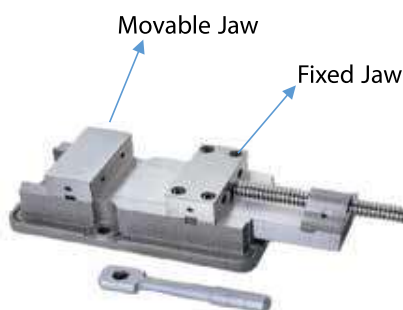


Order No.	B	S max	H	T	L	Weight
1002-1920	6"	8"	1.97"	1.97"	16.54"	62.91lb
1002-1921	6"	12"	1.97"	1.97"	20.47"	76.82lb
1002-1931	8"	12"	2.60"	2.76"	23.42"	151.8lb
1002-1932	8"	16"	2.60"	2.76"	27.36"	178.86lb

Heavy Duty Machine Vise

Italian Style Stationary front Jaw

Jaws and body made of high Alloy Steel
Hardend & ground on all sliding
and contacting surfaces



Made in Taiwan

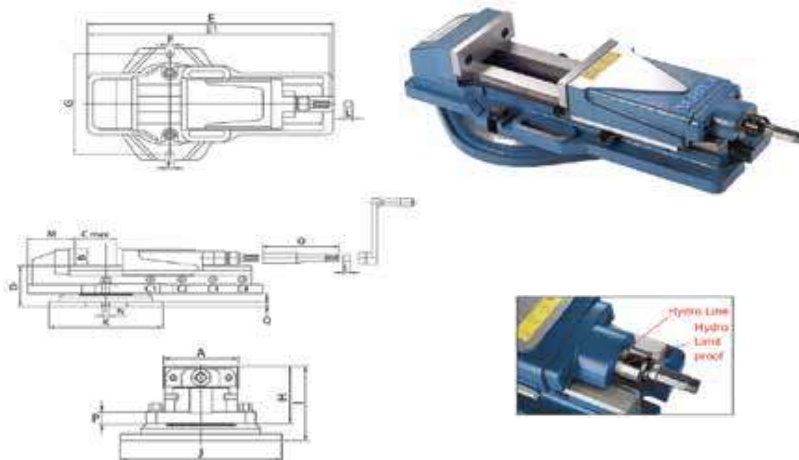
Order No.	Designation	A	B	C	D	E	F	G	H	I	J	Weight
1002-199	VCH-6	14.2	24.8	1.9	5.0	8.3	0.7	5.7	6.3	7.8	0.7	178.86lb



Hydraulic Machine Vise

Designed for Milling, Drilling, Grinding Machines
All the critical surfaces are ground
Hydraulic-booster system for maximum clamping force
Accuracy within 0.0008"
Clamping Force: 9900lbf

Opening range :
C1 : 0-100mm
C2 : 100-200mm
C3 : 200-300mm



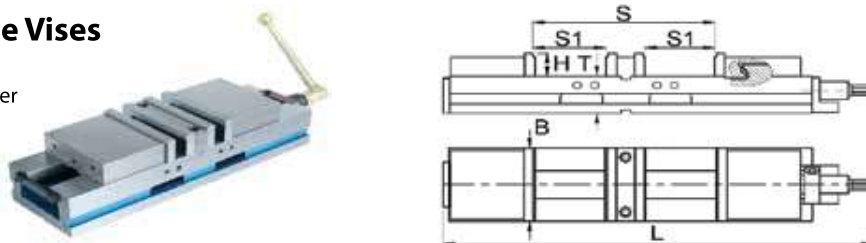
Made in Taiwan

unit : mm

Order No.	A	B	C max	D	E	E1	F	G	H	H1	I	J	K	L	M	N	O	P	Weight
VH-6	151	54	300	124	620	850	19	298	82	136	176	332	300	19	126	16	200	30	139lb

Double Clamp Precision Machine Vises

Ideal for CNC Milling Machine and Machining Center
Can clamp two workpieces with equal lengths
The clamp down system eliminates tilting of moveable Jaw
Can be used as self-centering vise if the fixed jaw is removed.



Order No.	B	S1	H	T	Smax	L	Weight
1002-2310	3.94"	2.76"	1.38"	2.36"	8.15"	18.11"	39.6lb
1002-2320	6.30"	3.54"	1.97"	3.15"	10.00"	24.00"	99lb

Lock-Fix Precison Machine Vise

Parallelism & Squarness: 0.001"/4"
Suitable for Milling, Drilling, Grinding Machine
The clamp down system eliminates tilting of moveable Jaw
Swivel Base included



Order No.	Jaw Width	Opening	Jaw Height	Height	Overall Length	Weight
1002-0300	5"	5"	1.57"	5.24"	15.51"	451lb
1002-0310	6"	6"	1.77"	6.22"	17.79"	77.5lb
1002-0320	6"	7.5"	1.77"	6.30"	18.82"	78.5lb
1002-0340	8"	8"	1.97"	7.52"	22.95"	124lb

Lock-Fix Precison Machine Vise

Hardend & ground on all sliding and contacting surface.
The Lock-Fix structure prevents the workpiece from rising during the operation

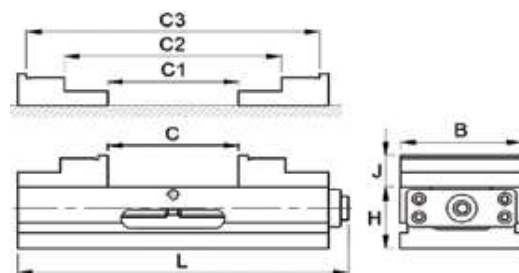


Order No.	Jaw Width	Opening	Jaw Height	Overall Length	Max. Clamping Force	Weight
1002-1850	4"	4"	1.25"	11.14"	3000lbf	24.5lb
1002-1860	6"	6"	1.77"	14.57"	5000lbf	62lb



Self Centering 4/5 Axis Vise

Reversible Jaws
Clamping repeatability $\pm 0.0004"/\pm 0.01\text{mm}$
Hardness of Slide way: HRC 45
Hardness of Jaws: HRC 55

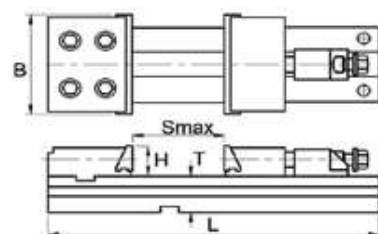


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Order No.	Designation	B	C	C1	C2	C3	J	H	L	Weight
1002-109	VCV-10130	101	132	140	62-192	NA	40	80	260	40.7lb
1002-108	VCV-1090	101	90	90	70-160	134-222	40	80	260	37.4lb
1002-117	VCV-13180D	131	180	188	62-242	NA	40	80	312	48.4lb

Modular Precision Machine Vise

Accuracy: $0.0004"/4"$ $0.01\text{mm}/100\text{mm}$
High quality Alloy Steel HRC 59
Parallelism $\pm 0.0004"/4"$

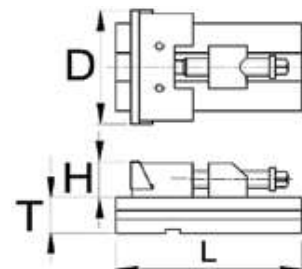


Made in Taiwan

Order No.	Designation	B	Smax	H	T	L	Clamping Force	Weight
1002-192	VMP-6	6"	7.87"	1.97"	1.97"	20.87"	4400lbf	62.91lb
1002-201	VMP-6B	6"	11.81"	1.97"	1.97"	23.62"	4400lbf	76.82lb
1002-197	VMP-8B	8"	11.81"	2.56"	2.76"	28.27"	400lbf	161.59lb

Modular Precision Free Machine Vise

Manufactured under rigid quality control
Accuracy: $0.0004"/4"$ $0.01\text{mm}/100\text{mm}$
High quality Alloy Steel HRC 59
Parallelism $\pm 0.0004"/4"$

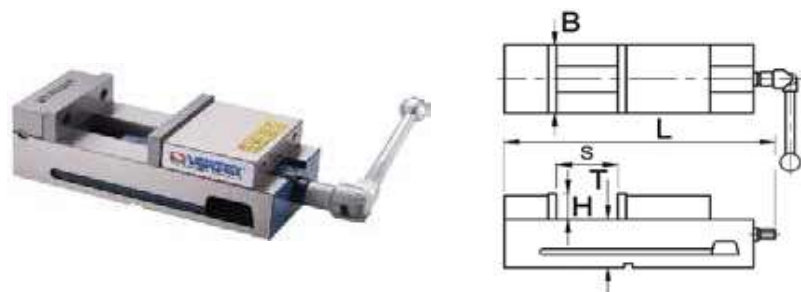


Made in Taiwan

Order No.	Designation	D	H	T	L	Weight
1002-208	VMP-6L	6"	1.97"	1.97"	9.06"	66.45lb



Lock-Fixed Precision Machine Vise



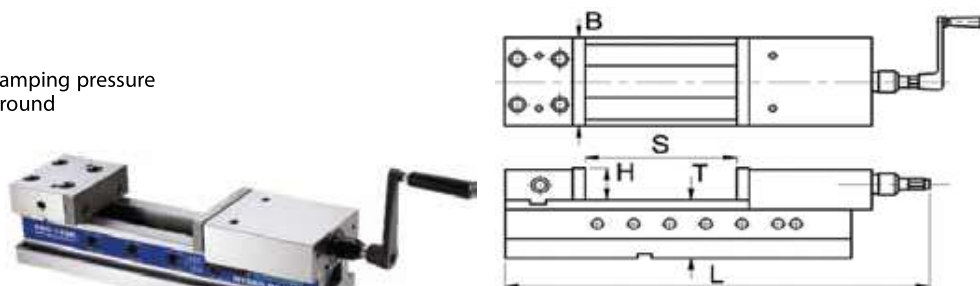
Made in Taiwan



Order No.	Designation	B	S	H	T	L	Clamping Force	Weight
1002-185	VMC-4	3.94"	4.00"	1.42"	2.48"	14.72"	3300lbf	31.24lb
1002-186	VMC-6	4.72"	5.60"	1.81"	2.91"	18.58"	5500lbf	65.78lb

NC Hydro Machine Vise

Hydro-booster system for maximum clamping pressure
Critical surfaces flame hardened and ground
Made of FCD60 ductile cast iron



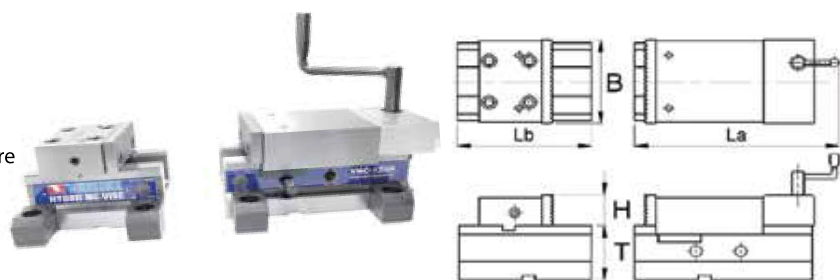
Made in Taiwan



Order No.	Designation	B	S	H	T	L	Weight
4005-101	VNC-125H	4.88"	8.86"	1.77"	3.23"	21.89"	81.68lb
4005-102	VNC-160H	6.26"	12.20"	2.13"	3.74"	27.00"	139.1lb

MC Power Free Vise

Ideal for long workpieces
Hydro-booster system for maximum clamping pressure
Critical surfaces flame hardened and ground



Made in Taiwan



Order No.	Designation	B	H	T	La	Lb	Jaw Stroke	Weight
4005-107	VNC-1250FV	4.88"	1.77"	3.23"	9.84"	7.09"	4.17"	81.68lb
4005-108	VNC-160FV	6.26"	2.13"	3.74"	11.02"	7.87"	5.90"	139.1lb



Quick Setting Vise

Accuracy 0.0008"/4"
Designed for quick clamping



Order No.	Designation	Jaw Width	Opening	Jaw Height	Height	Overall Length	Weight
1002-264	VQS-5	5.16"	4.92"	1.42"	2.91"	19.29"	32lb

Super Open Drill Vise

European style
With prisma jaw for round workpiece



Order No.	Designation	Jaw Width	Opening	Jaw Height	Height	Overall Length	Weight
1002-322	VRV-6	4.25"	5.59"	1.97"	3.78"	18.58"	65.78lb

3-Way Angle Milling Vise

Angles can be set in 3 dimensions
Swivels 360° around its base



Made in Taiwan



Order No.	Designation	Jaw Width	Opening	Max. Height	Overall Length	Clamping Force	Weight
1002-081	VW-4	4.33"	4.57"	19.69"	19.57"	2200lbf	72.19lb
1002-82	VW-5	5.31"	5.71"	23.62"	22.83"	3520lbf	108.39lb

Universal Vise Jaw with Work Stopper



Made in Taiwan



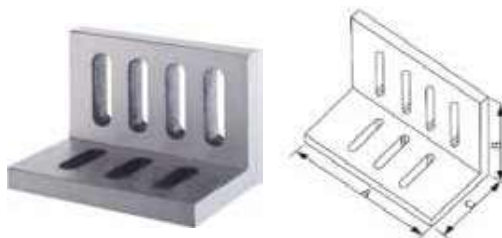
Order No.	Designation	C	V	Overall Length	Suitable for	Weight
1002-172	VWSJ-6	2.09"	1.26"	7.48"	Jaw Width 6"	4.42lb

Slotted Angle Head

Precision ground finish
Made of high tensile cast iron



Made in Taiwan



Order No.	Designation	A	B	C	Weight
1013-022	VR-80	8"	6"	5"	16.34lb
1013-023	VR-100	10"	8"	6"	24.49lb
1013-024	VR-120	12"	9"	8"	42.68lb

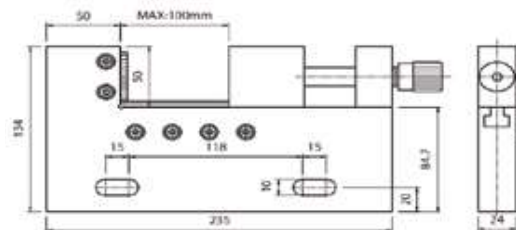


EDM Tool Maker Vise(Stainless Steel)

All surfaces are fully ground
Parallelism: $\pm 0.002\text{mm}$
Squareness: $\pm 0.002\text{mm}$
Hardness: HRC52-60
Material: SUS420
Do not over lock
Magnetic proof



Made in Taiwan



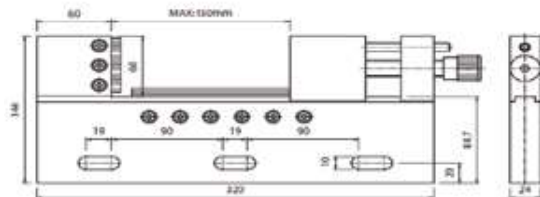
Order No.	Designation	Max. Opening	Thickness	Jaw Depth	Weight
2008-050	VSTV-100W	100mm	24mm	50mm	10.7lb

EDM Tool Maker Vise(Stainless Steel)

All surfaces are fully ground
Parallelism: $\pm 0.002\text{mm}$
Squareness: $\pm 0.002\text{mm}$
Hardness: HRC52-60
Material: SUS420
Do not over lock
Magnetic proof



Made in Taiwan



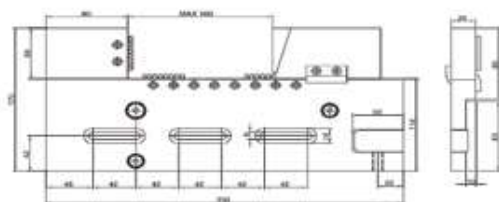
Order No.	Designation	Max. Opening	Thickness	Jaw Depth	Weight
2008-060	VSTV-150W	150mm	24mm	60mm	14.9lb

EDM Tool Maker Vise(Stainless Steel)

All surfaces are fully ground
Parallelism: $\pm 0.003\text{mm}$
Squareness: $\pm 0.005\text{mm}$
Hardness: HRC45-55
Material: STAVAX
Do not over lock
Magnetic proof



Made in Taiwan

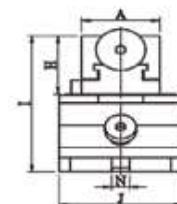
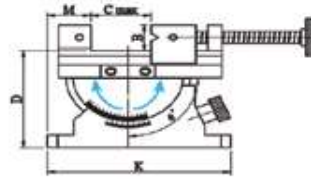
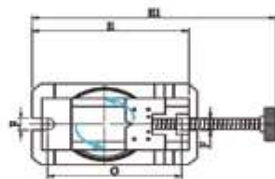


Order No.	Designation	Max. Opening	Thickness	Jaw Depth	Weight
2008-090	VSTV-320W	160	24mm	60mm	17.6lb



Precision Universal Angle Vise

All surfaces are fully ground
Tolerance: $\pm 0.01\text{mm}/100\text{mm}$
Parallelism of Vise bottom to base: $\pm 0.02\text{mm}$
Squareness: $\pm 0.02\text{mm}$
360° horizontal swivel
Hardness: HRC52
Load capacity: 33lb
 θ : $-20^\circ \sim 50^\circ$

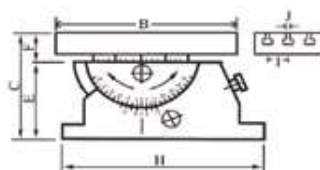


Made in Taiwan

Order No.	Designation	A	B	C max	D	E	E1	F	G	H	I	J	K	M	N	Weight
2003-050	VUA-3	70	190	80	115	173	291	16	156	63	146	110	182	43	16	33lb
2003-051	VUA-4	88	190	100	132	173	346	16	156	83	167	110	182	29	16	37.4lb

Precision Universal Angle Plate

Quick setting
Rigid design
Parallelism of Vise bottom to base: $\pm 0.02\text{mm}$
Squareness: $\pm 0.02\text{mm}$
360° Rotation, 45° Tilting
Hardness: HRC 52
Load capacity: 33lb
Plate is precisely ground



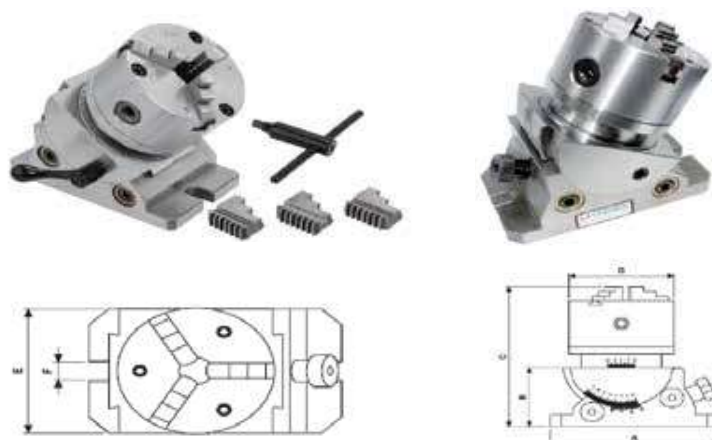
Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	G	H	I	J	Weight
2003-055	VUA-408	100	200	133	110	83	50	16	182	30	12	33lb
2003-056	VUA-510	126	250	133	110	83	50	16	182	40	12	39.8lb



Precision Universal Angle Chuck

OD clamping range: 3-90mm
ID clamping range: 32-84mm
Tolerance : $\pm 0.01\text{mm}/100\text{mm}$
Axis with angle scale
Chuck indexing/ Rotating setting
Load capacity : 33lb
360° Rotating Chuck

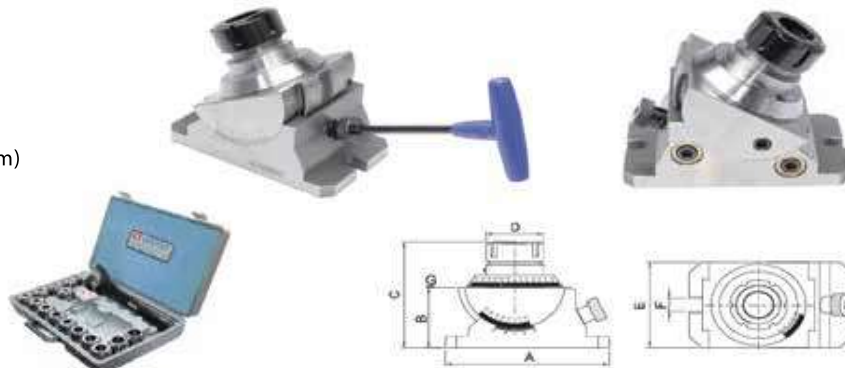


Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	Weight
2003-060	VUA-100J	180	77	181	112	110	16	31lb

ER40 Precision Universal Angle Collet Chuck

Capacity of ER40 Collet: 4-26mm(1/8-1")
Tolerance: $\pm 0.01\text{mm}/100\text{mm}$
Hardness: HRC 52
Load capacity: 33lb
Included 15 metric ER40 collets
(4, 5, 6, 8, 10, 12, 13, 15, 16, 18, 20, 21, 22, 25, 26mm)

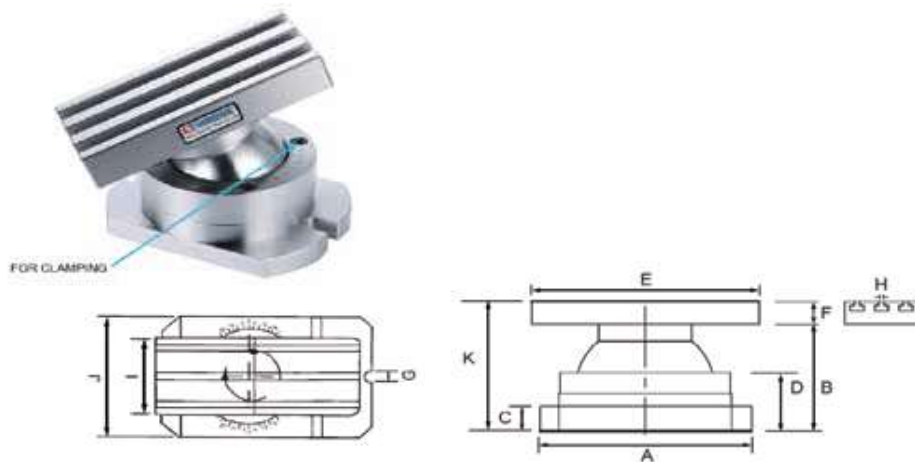


Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	Weight
2003-065	VUA-ER40	180	77	136	63	110	16	38.5lb

Free Angle Table

Quick setting
360° Rotation, 30° Tilting
Hardness: HRC 52
Load capacity: 33lb
Included 15 metric ER40 collets
Plate is precisely ground



Made in Taiwan

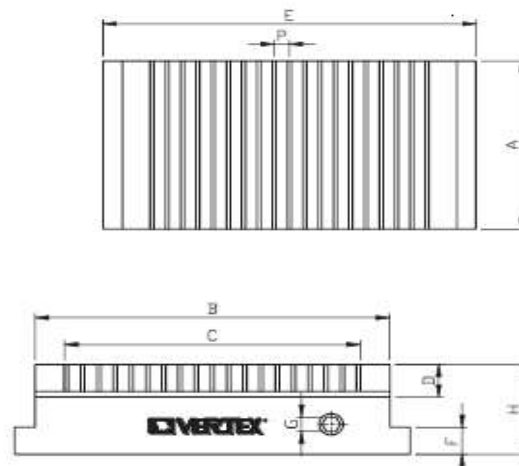
Order No.	Designation	A	B	C	D	E	I	F	G	H	J	K	Weight
2003-120	VAV-1020	190	120	20	72	200	100	34	17	12	140	153	33lb
2003-121	VAV-1325	190	120	20	72	250	126	34	17	12	140	153	37.4lb



Angular Permanent Magnetic Plates

Magnetic force 650 GS

Ideal for workpieces thicker than 3mm no shorter than 25mm



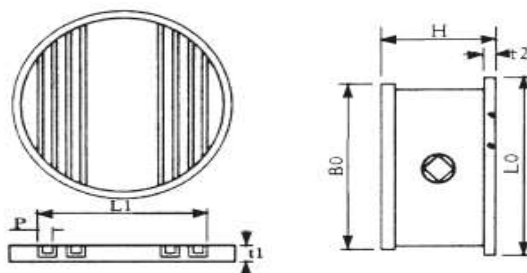
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Order No.	Designation	A	B	C	D	E	F	G	P	H	Weight lb
2015-112	VG-612	150	300	256		318					41.0
2015-114	VG-618	150	450	406		468					61.0
2015-115	VG-816	200	400	365	20	418				50	71.0
2015-117	VG-820	200	500	456		518	15	8	8(2+6)		89.0
2015-118	VG-824	200	600	556		620					106.0
2015-122	VG-1224	300	600	550	18	620				48	162.0

Round Permanent Magnetic Plates

Magnetic force 450 GS

Suitable for light cutting and grinding
on Lathe, Grinding Machine, EDM



Made in Taiwan

Order No.	Designation	B0	t1	L1	t2	L0	P	H	Weight lb
2015-150	VDG-06	150		103		200			22.0
2015-151	VDG-08	200		137		200			28.0
2015-152	VDG-10	250	21	191	18	250	9(2+7)	78	44.5
2015-153	VDG-12	300		227		350			67.0



Horizontal/Vertical Rotary Tables

Graduation around circumference: 360°

Made of high density Meehanite. worm hardened and ground

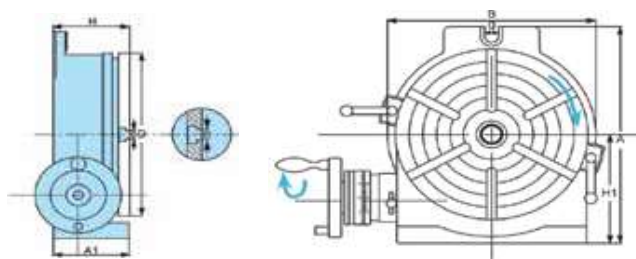
Reduction ratio is 90:1. The Vernier scale is 10 seconds.



HV-6,8,10,12,14,16



HV-4



Made in Taiwan

Order No.	Designation	A	D	H	H1	A	B	e	Slot No.	g	Load Capacity		Weight
											Horizontal	Vertical	
1001-000	HV-4	4"	110	72	80	138	118	11	3	N/A	35 Kg	18Kg	7.5 Kg
1001-001	HV-6	6"	150	80	102	205	163	11	3	17	40 Kg	20 Kg	12.1 Kg
1001-002	HV-8	8"	205	102	135	265	219	14	3	17	80 Kg	40 Kg	24.7 Kg
1001-003	HV-10	10"	254	109	163	321	276	14	6	17	90 Kg	50 Kg	35.5 Kg
1001-004	HV-12	12"	305	125	194	388	330	16	6	18	120 Kg	60 Kg	58.7 Kg
1001-005	HV-14	14"	353	125	225	445	389	16	6	18	130 Kg	70 Kg	76.61 Kg
1001-006	HV-16	16"	406	130	255	500	435	16	6	18	140 Kg	70 Kg	106.4 Kg

Dividing Plate Sets

Including two or three index plates, Crank handle ,3pcs of Screws, Sectors and U Washer



DP-1

DP-1	Number of Holes
A-Plate	15,16,17,18,19,20
B-Plate	21,23,27,29,31,33
C-Plate	37,39,41,43,47,49



Made in Taiwan

Order No.	Designation	Suitable for	Weight
1001-031	DP-2	HV-8	3.10lb
1001-032	DP-3	HV-10	9.9lb
1001-033	DP-4	HV-12, HV-14, HV-16	10.12lb
1001-006	HV-16	16"	10.12lb



DP-2, 3, 4

DP-2, 3, 4	Number of Holes
A-Plate	26,30,34,38,41,44,47,51,57 28,32,37,39,43,46,49,53,59
B-Plate	61,67,71,77,81,87,91,97 63,69,73,79,83,89,93,99

Adjustable Tailstock



TS-2,TS-3, TS-4



TS-1



Made in Taiwan

Order No.	Designation	Lowest Centre	Highest Centre	Suitable for	Weight
1001-022	TS-1	3.15"	4.25"	HV-4,HV-6	8.61lb
1001-023	TS-2	4.53"	5.71"	HV-8, BS-1, CS-6	12.14lb
1001-024	TS-3	5.12"	8.08"	HV-10, HV-12, CS-8, VUT-12	17.88lb
1001-025	TS-4	7.17"	10.24"	HV-14, HV-16	26.18lb



Semi-Universal Dividing Head

Standard Accessories: Dividing Plate A, B, C, Tailstock, Dead Center, Dividing Dog

Worm Gear Reduction Ratio 40:1

Can be used direct or indirect dividing

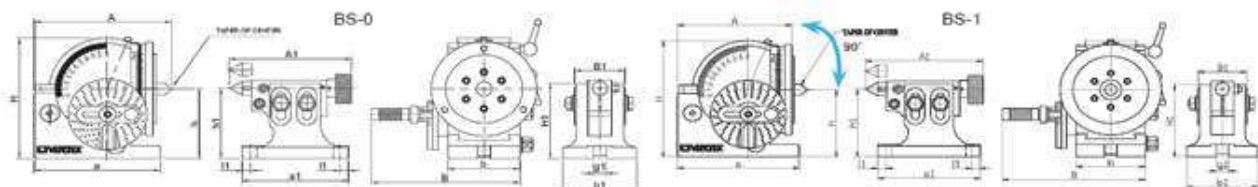
Hardend and ground spindle and worm

Titling head can be locked on any angle from 10° below horizontal to 90° vertical

Threaded spindle nose and 24 hole dividing plates with easy conversion to fast direct indexing on numbers 2, 3, 4, 6, 8, 12 and 24.



A-Plate	15,16,17,18,19,20
B-Plate	21,23,27,29,31,33
C-Plate	37,39,41,43,47,49



Made in Taiwan

Order No.	Designation	A	B	H	I	a	b	g	h	Center Taper	Spindle Through Hole	Weight lb
1001-050	BS-0	6.97	7.40	6.81	0.51	6.30	3.58	0.63	3.94	MT-2	0.709"	44.15lb
1001-051	BS-1	9.65	9.06	8.66	0.75	8.07	4.49	0.63	5.04	MT-3	0.787"	72.85lb

Universal Dividing Head

Standard Accessories: Dividing Plate A, B, C, Tailstock, Dead Center, Dividing Dog

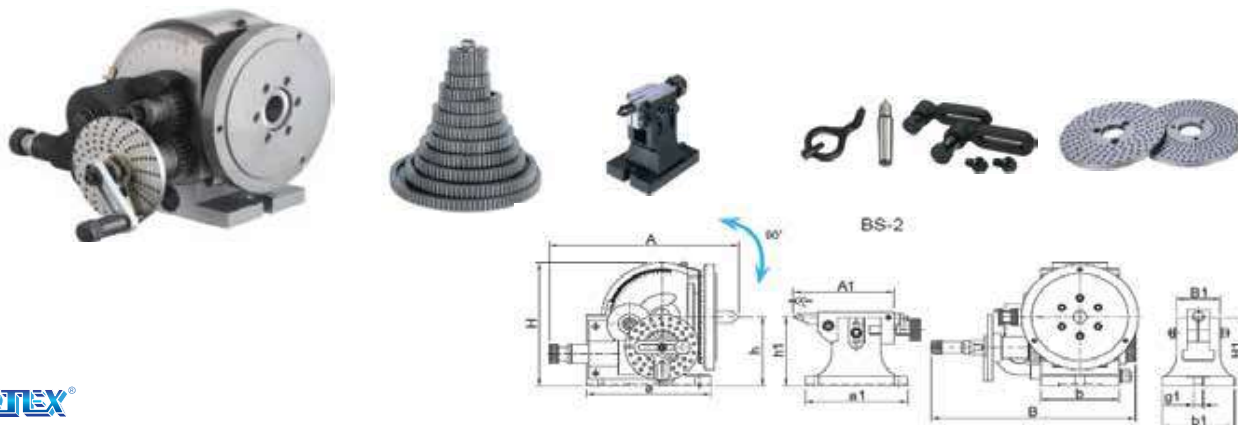
Worm Gear Reduction Ratio 40:1

Can be used direct or indirect dividing

Hardend and ground spindle and worm

Titling head can be locked on any angle from 10° below horizontal to 90° vertical

Threaded spindle nose and 24 hole dividing plates with easy conversion for fast direct indexing on numbers 2, 3, 4, 6, 8, 12 and 24.



Made in Taiwan

Order No.	Designation	A	B	H	I	a	b	g	h	Center Taper	Spindle Through Hole	Weight
1001-052	BS-2	14.13	13.39	9.25	0.79	8.35	5.32	0.63	5.28	MT-4	0.984	143lb



Tilting Rotary Table

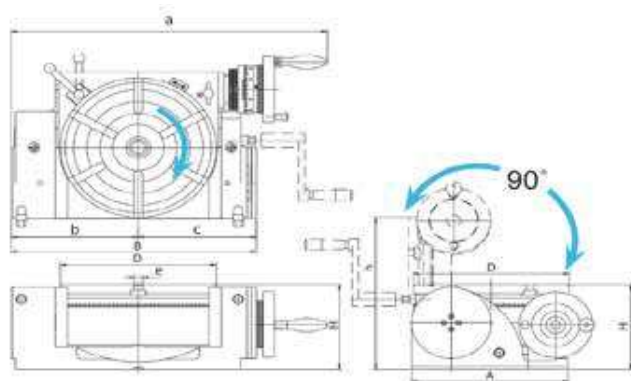
Heavy duty type
Low profile, low center height
Minimum set-up time
Can be used on Milling and Boring Machine
Rapid Indexing with high precision
Worm shafts are hardened and ground



VUT-6



VUT-10 , VUT-12



unit: mm



Made in Taiwan

Order No.	Design.	D	H	h	A	B	a	b	c	e	Center Taper	Center Hight	Weight
1001-014	VUT-6	150	115	165	180	268	380	143	125	11	MT-2	90	23.5
1001-015	VUT-10	250	155	275	255	397	495	210	187	14	MT-3	150	75.5
1001-016	VUT-12	300	178	319	300	447	551	235	212	16	MT-4	169	108.0

Main Specifications		VUT-6	VUT-10, VUT-12
Tilting	Degree per one handle rotation	6°	1°
	Vernier reading	1'	2'
	Scale of micro collar	5'	1'
Table	Degree per one handle rotation	4°	4°
	Scale of micro collar	2'	1'
	Vernier reading	20"	10"
	Gear ratio	1:90	1:90

Optional Accessories



Dividing Head

Code No.	Designation	Weight:
1001-030	DP-1	3.10lb
1001-032	DP-3	10.1lb

Tailstock

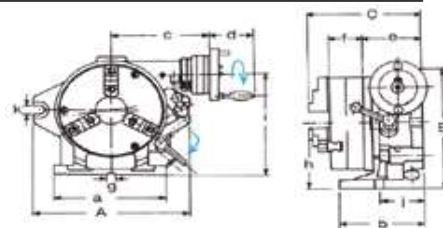
Code No.	Designation	Weight:
1001-022	TS-1	8.6lb
1001-024	TS-3	17.8lb





Super Indexing Spacer

Included standard accessories
 Reduction ratio: 1: 90
 Degree per one handle rotation: 4°
 Scale of micro collar: 2' /1'
 Vernier graduation: 20"/10"
 Through Hole chuck



Made in Taiwan

Standard Accessories

Optional Accessories



DP-4



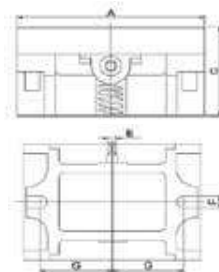
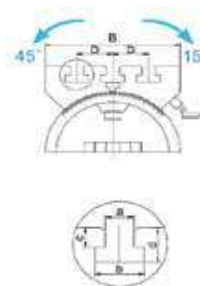
TS-2/3

Order No.	No. of Dividing	Inner Jaws	Outer Jaws	Hole Dia.	A	B	C	a	b	c
1001-060	2,3,4,6,8,12,24	4-42	10-156	44	250	235	221	220	150	184
1001-061		4-62	10-180	58	310	285	243	225	160	201

Designation	d	e	f	g	h	i	j	k	Weight
CS-6	82	112	66	16	123	186	80	18	43.6kg
CS-8	82	125	75	16	155	232	96	18	78.3kg

Adjustable Angle Plate

For angle setting on various machine tools
 Tilting angle: 45°

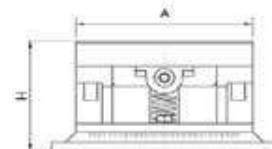
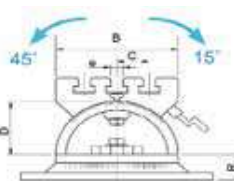


Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	G	a	b	c	d	Max. Load Capacity Kg	Weight
1004-089	VP-180	185	132	95	35	8	14	75	13	23	10	18	6kg	7.38kg
1004-090	VP-250	255	180	136	50	10	16	95	16	26	13.5	25	10kg	28.7kg
1004-091	VP-380	380	255	181	69	13	18	150	16	26	14	25	18kg	56kg
1004-092	VP-600	600	300	202	80	13	16	265	16	26	13	23	25kg	85kg

Angle Plate With Swivel Base

Tilting angle: 15°, 45°

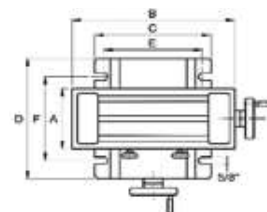


Made in Taiwan

Order No.	Designation	A	B	H	e	C	D	R	Weight
1004-100	VP-250S	290	180	206	16	50	105	52	36kg
1004-101	VP-380S	390	360	255	16	68	127	60	86kg

Precision Cross Table

Accuracy: 0.02/100mm



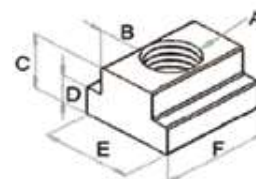
Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	Travel Stroke	T-Slot	Max. Load	Weight
1007-003	VCT-820	200	500	300	400	250	290	200x250	16	140kg	72kg



52PCS Steel Clamping Kits

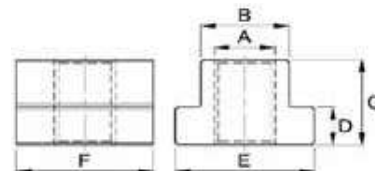
Heat treated, black oxide finish Steel
Packed in strong plastic rack
each set includes:
24pcs Stud: 4 pcs of 3, 4, 5, 6, 7, 8" long
6pcs T-Nuts
4pcs Coupling Nuts
6pcs Flange Nuts
6pcs Step Clamps
6pcs Step Blocks



Order No.	Designation	A	B	C	D	E	F	Weight lb
1003-0090	CK-3/8S	3/8-16	7/16	1/2	7/32	11/16	7/8	14.3lb
1003-0100	CK-3/8M	3/8-16	1/2	1/2	9/32	7/8	7/8	14.3lb
1003-0110	CK-1/2S	1/2-13	9/16	5/8	3/8	7/8	1"	21.34lb
1003-0120	CK-1/2M	1/2-13	5/8	5/8	3/8	1	1"	22.88lb
1003-0130	CK-5/8M	5/8-11	3/4	3/4	1-5/32	1-1/4	1-1/4	25.96lb

52-PCS Steel Clamping Sets

Heat treated, black oxide finish Steel
Packed in strong plastic rack
each set includes:
24pcs Stud: 4 pcs of 3, 4, 5, 6, 7, 8" long
6pcs T-Nuts
4pcs Coupling Nuts
6pcs Flange Nuts
6pcs Step Clamps
6pcs Step Blocks



Made in Taiwan

Order No.	Designation	A	B	C	D	E	F	Weight lb
1003-009	CK-3/8S	3/8-16	7/16	1/2	7/32	11/16	7/8	14.3lb
1003-010	CK-3/8M	3/8-16	1/2	1/2	9/32	7/8	7/8	14.3lb
1003-011	CK-1/2S	1/2-13	9/16	5/8	3/8	7/8	1"	21.34lb
1003-012	CK-1/2M	1/2-13	5/8	5/8	3/8	1	1"	22.88lb
1003-014	CK-5/8M	5/8-11	3/4	3/4	1-5/32	1-1/4	1-1/4	25.96lb