

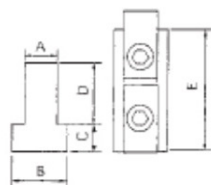
VERTEX

VERTEX MACHINERY WORKS CO.,LTD.
WAS ESTABLISHED IN 1978.

T Slot Clamps



NEW



- 1 Set consist of 4 vices.
- For thin or small workpiece.
- Good clamping force.
- Quick setting
- Suit for light duty cutting on the milling drilling / EDM machine.

For Thin Work Piece



ORDER NO.	A	B	C	D	E	N.W.	CODE NO.
CK-3712	11.5	18	7	16	38	0.6	1002-311
CK-3714	13.5	22	8	18	40	0.8	1002-312
CK-3716	15.5	25	8	21	45	0.9	1002-313
CK-3718	17.5	28	11	24	45	1.1	1002-314
CK-3720	19.5	32	12	26	50	1.5	1002-315



- Heat treated steel black oxide finish.
- Block size 1" (25mm). Set in plastic rack consists of:
24 pcs Studs (4 ea, 3/4/5/6/7/8 inches or 75/100/125/150/175/200mm.)
6 pcs T-Nuts
4 pcs Coupling Nuts
6 pcs Flange Nuts
6 pcs Step Clamps
6 pcs Step Blocks
- CK-18, CK-20, CK-206, Pack in wooden box.
- The parts of every specification all can be purchased individually.

Specifications

Inch Size

ORDER NO.	Table Slot	Stud Size	G.W. kg	Meas. CFT	CODE NO.
CK-103A	7/16"	3/8"-16w	6.7	(C) 0.8	1003-009
CK-103B	1/2"		6.7		1003-010
CK-104A	9/16"	1/2"-12w 1/2"-13UNC	9.7	(C) 1.0	1003-011
CK-104B	5/8"		10.4		1003-012
CK-105A	11/16"	5/8"-11w	12.5	(C) 1.5	1003-013
CK-105B	3/4"		11.8		1003-014
CK-206	7/8"	3/4"-10w	26.3	2.0	1003-015

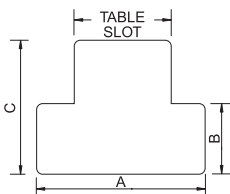
Metric Size

ORDER NO.	Table Slot	Stud Size	G.W. kg	Meas. CFT	CODE NO.
CK-08	10	M8-1.25P	7.4	(C) 0.8	1003-001
CK-10	12	M10-1.25P	7.6		1003-002
CK-12A	14	M12-1.75P	9.4	(C) 1.0	1003-003
CK-12B	15.7		9.5		1003-004
CK-14	16	M14-2.0P	11.1	(C) 1.5	1003-005
CK-16	18	M16-2.0P	12.7		1003-006
CK-18	20	M18-2.5P	25.3	(C) 1.6	1003-007
CK-20	22	M20-2.5P	27	(C) 2.0	1003-008

INDIVIDUALLY PARTS

T-SLOT NUT

HRC 34°



Metric Size

ORDER NO.	Table Slot	Thread Size	A	B	C	WEIGHT (kg)	CODE NO.
3412M	10	M8	16	6	12	0.023	1003-020
3423M	12	M10	18	7	14	0.028	1003-021
3414M	14	M12	22	8	16	0.048	1003-022
A3424M	16	M12	25	8	16	0.06	1003-023
B3424M	16	M14	25	8	16	0.06	1003-024
3415M	18	M16	28	11	20	0.087	1003-025
3416M	20	M18	32	12	24	0.142	1003-026
3417M	22	M20	35	14	28	0.165	1003-027
3418M	28	M24	44	18	36	0.23	1003-028

Inch Size

ORDER NO.	Table Slot	Thread Size	A	B	C	Length	WEIGHT (kg)	CODE NO.
3413I	7/16	3/8-16	11/16	7/32	1/2	7/8	0.023	1003-180
3423I	1/2		7/8	9/32	1/2	7/8	0.032	1003-181
3433I	9/16		7/8	11/32	5/8	1-1/8	0.048	1003-182
3414I	9/16	1/2-12 1/2-13	7/8	11/32	5/8	1-1/8	0.048	1003-183
3424I	5/8		1	11/32	5/8	1-1/8	0.06	1003-184
3434I	11/16		1-1/8	7/16	3/4	1-1/4	0.087	1003-185
3415I	11/16	5/8-11	1-1/8	7/16	3/4	1-1/4	0.087	1003-186
3425I	3/4		1-1/4	15/32	3/4	1-1/4	0.102	1003-187
3435I	13/16		1-1/4	9/16	1	1-1/2	0.142	1003-188
3416I	13/16	3/4-10	1-1/4	9/16	1	1-1/2	0.142	1003-189
3426I	7/8		1-1/2	9/16	1	1-1/2	0.175	1003-190
3436I	1		1-5/8	5/8	1	1-3/4	0.2	1003-191
3446I	1-1/16	7/8-9	1-5/8	11/16	1-1/2	2	0.23	1003-192
3417I	1		1-5/8	5/8	1	1-1/2	0.21	1003-193
3418I	1-1/16		1-5/8	11/16	1-1/2	2	0.25	1003-194



Coupling Nut

HRC 34°



VERTEX



Metric Size

ORDER NO.	Thread	Parallel	Length	Weight (kg)	CODE NO.
2612M	M8x1.25	13	22	0.033	1003-060
2613M	M10x1.5	17	25	0.035	1003-061
2614M	M12x1.75	21	32	0.065	1003-062
2614M-1	M14x2.0	21	32	0.06	1003-063
2615M	M16x2.0	26	41	0.128	1003-064
2616M	M18x2.0	32	48	0.228	1003-065
2617M	M20x2.5	32	48	0.208	1003-066
2618M	M24x3.0	41	64		1003-067

Inch Size

ORDER NO.	Thread	Parallel	Length	Weight	CODE NO.
2612I	5/16-18	9/16	7/8	0.033	1003-060I
2613I	3/8-16	11/16	1	0.035	1003-061I
2614I	1/2-12 1/2-13	7/8	1-1/4		1003-062I
2615I	5/8-11	1-1/16	1-5/8	0.128	1003-064I
2616I	3/4-10	1-1/4	1-7/8	0.22	1003-065I
2617I	7/8-9	1-7/6	1-7/8		1003-066I
2618I	1-8	1-5/8	2-1/2		1003-067I



Flange Nut

HRC 34°

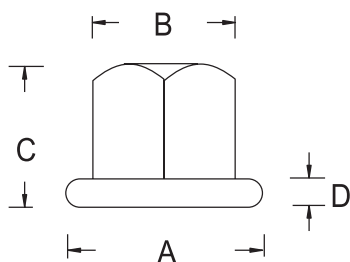


Metric Size

ORDER NO.	Thread	A	B (M/M)	C	D	Weight (kg)	CODE NO.
4512	M8x1.25	19	13	10	2	0.013	1003-050
4513	M10x1.5	22	17	12	3	0.023	1003-051
4514	M12x1.75	28	19	16	4	0.043	1003-052
4514M	M14x2.0	28	21	16	4	0.047	1003-053
4515	M16x2.0	35	26	17	5	0.087	1003-054
4516	M18x2.5	41	32	25	6	0.10	1003-055
4517	M20x2.5	44	32	35	6	0.092	1003-056
4518	M24x3.0	50	41	32	6	0.12	1003-057

Inch Size

ORDER NO.	Thread	A	B (M/M)	C	D	Weight (kg)	CODE NO.
4512I	5/16-18	3/4	9/16	3/8	3/32	0.013	1003-050I
4513I	3/8-16	7/8	11/16	1/2	1/8	0.023	1003-051I
4514I	1/2-12NC 1/2-13NC	1-1/8	7/8	5/8	5/32	0.043	1003-052I
4515I	5/8-11	1-3/8	1-1/16	11/16	3/16	0.087	1003-054I
4516I	3/4-10	1-5/8	1-1/4	1	1/4	0.092	1003-055I
4517I	7/8-9	1-3/4	1-7/16	1-1/8	1/4	0.12	1003-056I
4518I	1-8	2	1-5/8	1-1/4	1/4	0.12	1003-057I





Clamping Studs

HRC 27°



VERTEX

Heat Treated Steel

Studs

Black Oxide Finished



Metric Size

Thread																
Size	M8x1.25P		M10x1.5P		M12x1.75P		M14x2.0P		M16x2.0P		M18x2.5P		M20x2.5P		M24x3.0P	
Length mm	ORDER NO. / CODE NO.															
75	1323M 0.023kg	1003 -071	1333M 0.04kg	1003 -081	1343M 0.06kg	1003 -091	1343MA 0.07kg	1003 -101	1353M 0.09kg	1003 -111	1363M 0.12kg	1003 -120	1373M 0.15kg	1003 -140		
100	1324M 0.03kg	1003 -072	1334M 0.05kg	1003 -082	1344M 0.07kg	1003 -092	1344MA 0.10kg	1003 -102	1354M 0.13kg	1003 -112	1364M 0.16kg	1003 -121	1374M 0.20kg	1003 -141	1384M 0.25kg	1003 -150
125	1325M 0.04kg	1003 -073	1335M 0.06kg	1003 -083	1345M 0.09kg	1003 -093	1345MA 0.13kg	1003 -103	1355M 0.16kg	1003 -113	1365M 0.20kg	1003 -122	1375M 0.25kg	1003 -142	1385M 0.35kg	1003 -151
150	1326M 0.05kg	1003 -074	1336M 0.07kg	1003 -084	1346M 0.11kg	1003 -094	1346MA 0.15kg	1003 -104	1356M 0.19kg	1003 -114	1366M 0.25kg	1003 -123	1376M 0.30kg	1003 -143	1386M 0.45kg	1003 -152
175	1327M 0.06kg	1003 -075	1337M 0.09kg	1003 -085	1347M 0.13kg	1003 -095	1347MA 0.18kg	1003 -105	1357M 0.23kg	1003 -115	1367M 0.30kg	1003 -124	1377M 0.35kg	1003 -144	1387M 0.53kg	1003 -153
200	1328M 0.07kg	1003 -076	1338M 0.10kg	1003 -086	1348M 0.15kg	1003 -096	1348MA 0.20kg	1003 -106	1358M 0.25kg	1003 -116	1368M 0.32kg	1003 -125	1378M 0.40kg	1003 -145	1388M 0.60kg	1003 -154
250									13510M 0.31kg	1003 -117	13610M 0.40kg	1003 -126	13710M 0.50kg	1003 -146		
300									13512M 0.38kg	1003 -118	13612M 0.50kg	1003 -127	13712M 0.65kg	1003 -147		

Inch Size

Thread												
Size	3/8-16		1/2-12 1/2-13		5/8-11		3/4-10		7/8-9		1"-8	
Length INCH	ORDER NO. / CODE NO.											
3"	1333I 0.04kg	1003-081I	1343I 0.06kg	1003-091I	1353I 0.09kg	1003-111I	1363I 0.12kg	1003-120I	1373I 0.183kg	1003-140I		
4"	1334I 0.05kg	1003-082I	1344I 0.07kg	1003-092I	1354I 0.13kg	1003-112I	1364I 0.16kg	1003-121I	1374I 0.25kg	1003-141I	1384I 0.25kg	1003-150I
5"	1335I 0.06kg	1003-083I	1345I 0.09kg	1003-093I	1355I 0.16kg	1003-113I	1365I 0.20kg	1003-122I	1375I 0.30kg	1003-142I	1385I 0.35kg	1003-151I
6"	1336I 0.07kg	1003-084I	1346I 0.11kg	1003-094I	1356I 0.19kg	1003-114I	1366I 0.25kg	1003-123I	1376I 0.40kg	1003-143I	1386I 0.45kg	1003-152I
7"	1337I 0.09kg	1003-085I	1347I 0.13kg	1003-095I	1357I 0.23kg	1003-115I	1367I 0.30kg	1003-124I	1377I 0.45kg	1003-144I	1387I 0.53kg	1003-153I
8"	1338I 0.10kg	1003-086I	1348I 0.15kg	1003-096I	1358I 0.25kg	1003-116I	1368I 0.32kg	1003-125I	1378I 0.50kg	1003-145I	1388I 0.60kg	1003-154I
9"												
10"					13510I 0.31kg	1003-117I	13610I 0.40kg	1003-126I				
12"					13512I 0.38kg	1003-118I	13612I 0.50kg	1003-127I				
14"							13614I 0.62kg	1003-128I				
16"							13616I 0.75kg	1003-129I				
18"							13618I 0.87kg	1003-130I				
20"							13620I 1.00kg	1003-131I				



Step Clamp

HRC 37°

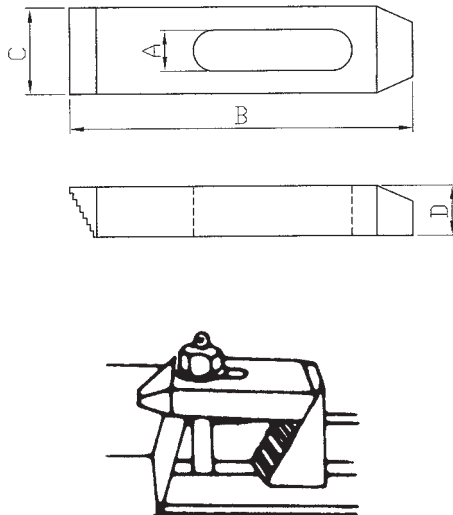


VERTEX



Metric Size

ORDER NO.	Bolt Size	A slot	B Length	C Width	D Thickness	Weight (kg)	CODE NO.
6113M	M8 or M10	11	64	25	12	0.25	1003-030M
6123M	M8 or M10		100	25	16	0.49	1003-031M
6133M	M8 or M10		150	28	19	0.99	1003-032M
6214M	M12	14	64	28	12	0.25	1003-033M
6224M	M12		100	32	19	0.35	1003-034M
6234M	M12		150	32	22	0.60	1003-035M
6215M	M16	18	64	32	22	0.31	1003-036M
6225M	M16		100	38	19	0.85	1003-037M
6235M	M16		150	38	22	1.47	1003-038M
6316M	M20 or M18	20	100	38	19	0.75	1003-039M
6326M	M20 or M18		150	38	25	1.43	1003-040M
6336M	M20 or M18		200	44	28	2.82	1003-041M
6417M	M24	26	150	50	32	1.9	1003-042M
6427M	M24		200	50	35	2.75	1003-043M
6437M	M24		250	50	38	3.8	1003-044M



Inch Size

ORDER NO.	Bolt Size	A slot	B Length	C Width	D Thickness	Weight (kg)	CODE NO.
6113	5/16 or 3/8	11	64	25	12	0.25	1003-030
6123	5/16 or 3/8		100	25	16	0.49	1003-031
6133	5/16 or 3/8		150	28	19	0.99	1003-032
6214	1/2	14	64	28	12	0.25	1003-033
6224	1/2		100	32	19	0.35	1003-034
6234	1/2		150	32	22	0.60	1003-035
6215	5/8	18	64	32	22	0.31	1003-036
6225	5/8		100	38	19	0.85	1003-037
6235	5/8		150	38	22	1.47	1003-038
6316	3/4	20	100	38	19	0.75	1003-039
6326	3/4		150	38	25	1.43	1003-040
6336	3/4		200	44	28	2.82	1003-041
6417	7/8 or 1	26	150	50	32	1.9	1003-042
6427	7/8 or 1		200	50	35	2.75	1003-043
6437	7/8 or 1		250	50	38	3.8	1003-044



Step Block

HRC 37°



mm

STANDARD STEEL BLOCK (25 WIDE A)(31 WIDE B)				
ORDER NO.	CAPACITY OF FULL BLOCK	HEIGHT OF BLOCK	WEIGHT (kg)	CODE NO.
5114	32 to 46	30	0.14	1003-170
5124	50 to 75	48	0.28	1003-171
5134	100 to 150	97	1.245	1003-172
HEAVY DUTY STEEL BLOCK 33mm WIDE				
5215	63 to 94	63	0.53	1003-173
5225	75 to 200	75	1.72	1003-174
5235	138 to 230	138	3.25	1003-175



- Material: S45C
- Easy adjustment

ORDER NO.	STUD	LxWxH	K.G.	CODE NO.
VCA-404	M12x5"	105x45x35mm	1.5	1015-001
VCA-405	M16x6"	126x54x40mm	2.6	1015-002
VCA-406	M20x7"	155x58x55mm	4.2	1015-003
VCA-408	M24x8"	190x70x65mm	8.2	1015-004



Pivot Clamp



- The clamping height is adjustable
- With brass plate under the clamp arm for protecting the working material from damage
- By using spherical Flange nut, it will be assured to clamp the material tightly
- The clamping arm is forged
- Material: S45C

ORDER NO.	Table T-Slot Size	Stud X L Size	Body	Clamping height	G.W.	CODE NO.
VCB-404	16	M12x5"	115x42x39	0 or 3 1/2"	1.6	1015-005
VCB-405	20	M16x6"	133x50x49	0 or 4"	2.7	1015-006
VCB-406	22	M20x7"	157x60x54	0 or 4 3/4"	4.6	1015-007
VCB-408	28	M24x8"	7x2 7/8	0 or 6"	8.6	1015-008



Hand Drift

ORDER NO.VHD-1 CODE NO.1016-001



An essential tool for machinery processing

Specially applied for: Vertical drill, radial drill, compounding miller, boring miller, and any drill drifting, etc.

- Easy and fast operation.
- Enhance the working efficiency.
- Protect toolings to be safe.
- Economical, practical & durable.

Suit For Spindle Notes	Length	30pcs/Box Size	30pcs/ Carton Size	N.W.(kg)
M.T.#2 #3 #4 #5	375mm	385x45x37mm	390x270x240mm	1.3