

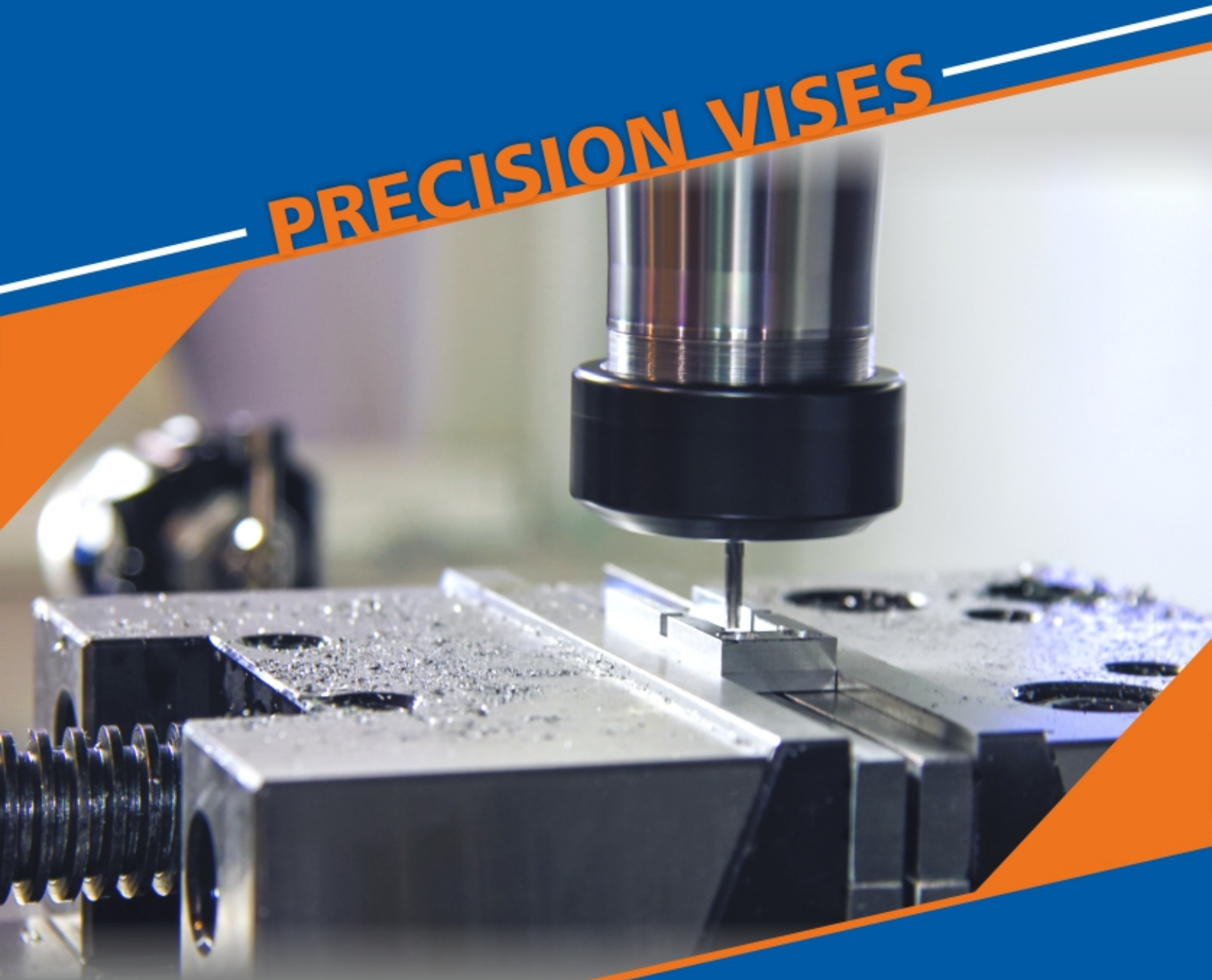
UNIQUE

XTRA TUFF VICES



SINCE 1971

PRECISION VICES



www.uniquevices.com



PRECISION IS OUR COMMITMENT

Dear **UNIQUE** Friends

UNIQUE a name founded way back in 1970, has grown from a small family run company to one of the Country's leading manufacturer of various type of vises.

The Secret of it's success is the uncompromising business standards of it's management, the company's Unrelenting focus on quality and your kind patronage.

This has generated added confidence in it's patrons and helped "UNIQUE" to grow fast. It is on this foundation that "UNIQUE" reputation for excellence has built an image and won appreciable response from the overseas market, which is another feather in it's cap.

Now I feel pleasure in presenting this Catalogue, which shall help you to boost your Sales for mutual benefits.

With Love
Your's Sincerely



Mr. H.H. Ahluwalia.





CODE U3333

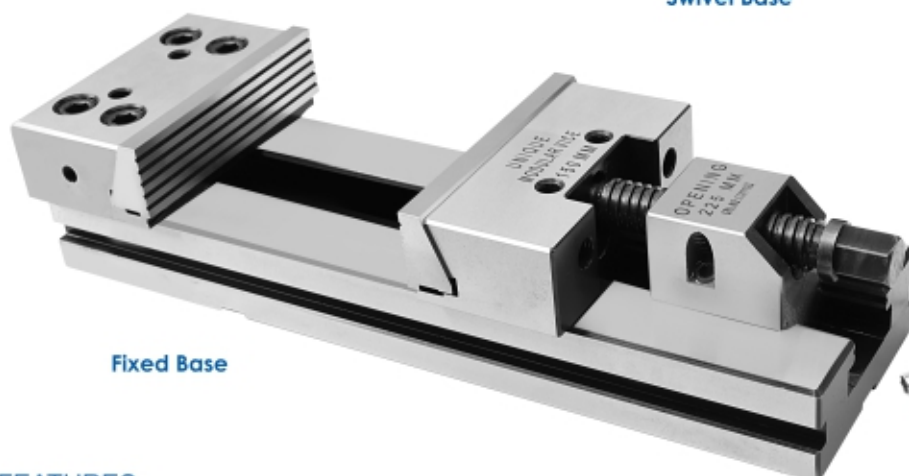
UNIQUE MODULAR PRECISION MACHINE VISE

WITH OPTIONAL SWIVEL BASE

HARDNESS : HRC 60 ± 2



Swivel Base



Fixed Base



TAPER JAWS



PARALLEL JAWS



JAW OPTIONS



PLAIN JAW



SERRATED JAW



INTERMEDIATE JAW



PRISMATIC JAW



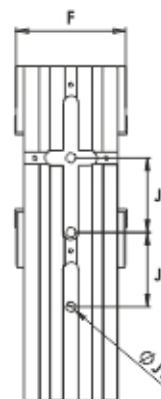
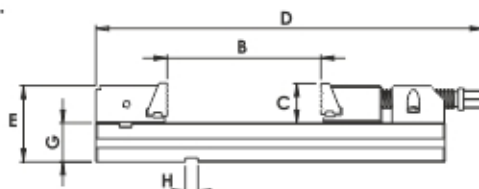
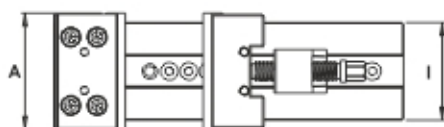
V TYPE JAW



HIGH JAW

FEATURES

- Low Profile, Anti Lift Vise.
- Made of High Grade Alloy Steel, stabilized and hardened.
- Accuracy in squareness $\pm 0.01/100$ mm
- All vise parts are Case Hardened to HRC 60 ± 2 , to give maximum rigidity, high performance and No wear.
- As the bed height is maintained, multiple vises can be used in series so as to hold longer work pieces.
- Hammer Less Vise : Both Jaw Plates are in Pull-Down Angle, which pulls down the piece on to the vise bed / parallels for rigid clamping.
- Supplied with stopper for fast production.

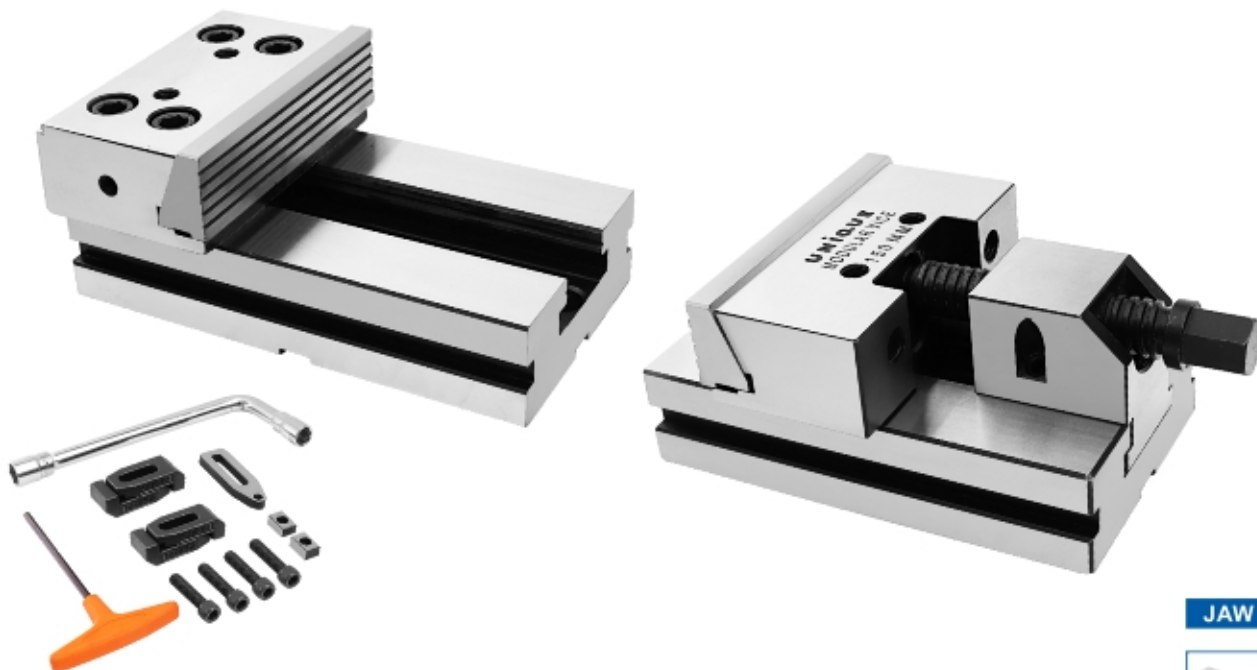


Jaw Width	Opening	All dimensions in mm										
A	B	C	D	E	F	G	H	I	J	J1	Weight (Kgs.)	Clamping Pressure (KGF)
100	130	40	325	71	102	45	16	90	100	13	14	2500
125	175	40	375	90	125	50	16	100	100	13	17	3000
150	225	50	450	98	150	50	16	125	100	13	29	3500
	300		525								31	
200	300	60	555	118	203	57	16	175	100	13	53	4000
	400		655								58	

CODE U3434

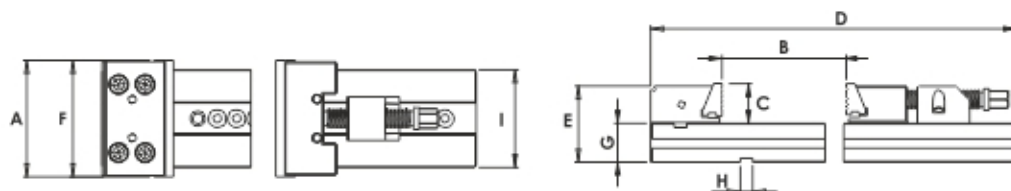
UNIQUE TWO PIECE MODULAR PRECISION MACHINE VISE

HARDNESS : HRC 60 ± 2



FEATURES

- Unlimited clamping range.
- Low Profile, Anti Lift Vise.
- Made of High Grade Alloy Steel, stabilized and hardened.
- Accuracy in squareness $\pm 0.01/100$ mm
- All vise parts are Case Hardened to HRC 60 ± 2 , to give maximum rigidity, high performance and No wear.
- As the bed height is maintained, multiple vises can be used in series so as to hold longer work pieces.
- Hammer Less Vise : Both Jaw Plates are in Pull-Down Angle, which pulls down the piece on to the vise bed / parallels for rigid clamping.
- Supplied with stopper for fast production.



Jaw Width Opening		All dimensions in mm								
A	B	C	D	E	F	G	H	I	Weight (Kgs)	Clamping Pressure (KGF)
150	Assorted	50	Assorted	100	150	50	16	125	26	3000
200	Assorted	60	Assorted	118	203	57	16	175	32	3500

JAW OPTIONS



PLAIN JAW



SERRATED JAW



PRISMATIC JAW



V TYPE JAW



HIGH JAW



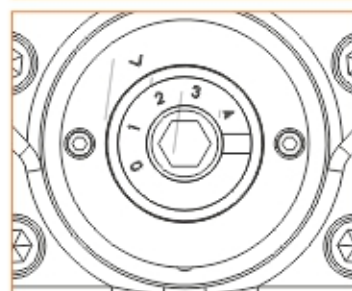
CODE U1313

UNIQUE MECHANICAL BOOSTER POWER VISE

(HARDENED GUIDE WAYS)

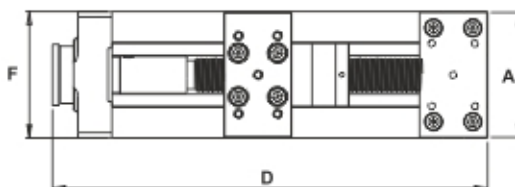
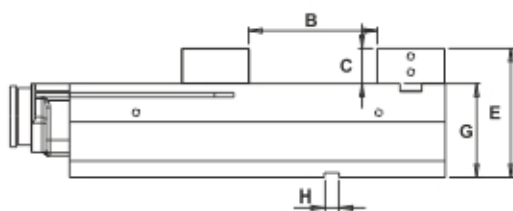


BOOSTER PRESETTER



FEATURES

- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- This vise uses an internal mechanical system to amplify the force applied by the operator's handle, which allows for extremely high and consistent clamping pressure with minimal effort.
- Toggle joint mechanism provides a steady clamping force against shocks and vibrations during machining.
- Quick clamping and locking of the piece to be machined.
- Accuracy in squareness is ± 0.01 mm / 100 mm.
- Accuracy in parallelism is ± 0.01 mm / 100 mm.



CLAMPING FORCE

RANGE	1	2	3	4
Clamping Force in Kn	10	18	35	50

Jaw Width Opening		All dimensions in mm							
A	B	C	D	E	F	G	H	Weight (Kgs.)	Clamping Pressure (KGF)
160	200	45	380	165	165	120	20	52	5000
	300		480					65	

CODE U3131 UNIQUE PRECISION SELF CENTERING 5 AXIS VISE

COMPATIBLE FOR :
4th & 5th AXIS CNC MACHINING CENTERS
HARDNESS : HRC 60 ± 2



ALSO AVAILABLE IN



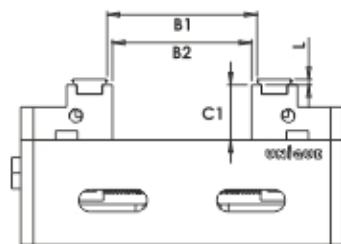
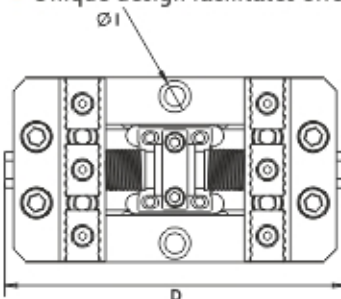
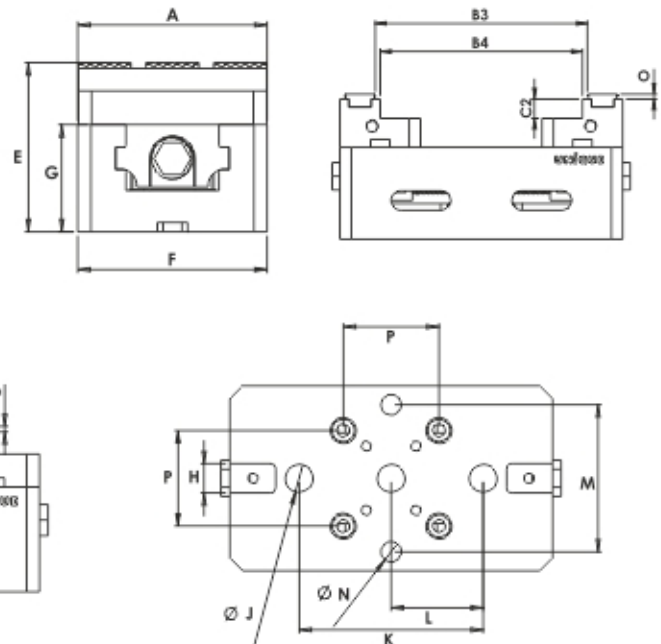
Profile Jaw System



Quick Change Jaw System

FEATURES

- Small body size is well suited for most rotary tables & machining centers.
- The low profile body provides a large machining area & a good tool accessibility.
- Repeating center accuracy is $\pm 0.02\text{mm}$.
- Accuracy in squareness $\pm 0.01 / 100 \text{ mm}$.
- Tool accessibility can be increased by using this vise with height riser block (U3131RB).
- Lock tight system to prevent floating of the clamped work piece, for better efficiency.
- High quality alloy steel, case hardened to HRC 60 ± 2 .
- Gripping the workpiece with minimum gripping length provides the ability to machine from 5 sides.
- Unique design facilitates effective evacuation of chips & coolant.



Jaw Width	Openings																					All dimensions in mm	
A	B1	B2	B3	B4	C1	C2	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight (Kgs.)	Clamping Pressure (KGF)		
50	50	45	80	75	22	14	130	70	75	45	12	15	15	60	30	55	9	3	52	2.7	2000		
75	65	60	105	100	25	14	160	73	75	45	12	15	15	60	30	55	9	3	52	3.6	2500		
100	80	75	130	125	30	12	185	90	100	57	16	19	15	100	50	80	11	3	52	7.8	3000		
125	130	125	180	175	30	12	235	90	125	57	16	19	15	100	50	100	13	3	96	11.8	3000		
150	155	150	205	200	30	12	260	90	150	57	16	19	15	150	75	125	13	3	96	13.4	3000		



CODE U3636 R

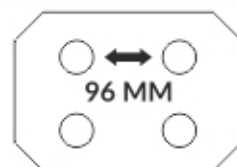
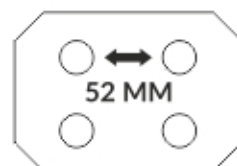
UNIQUE RECTANGULAR QUICK POINT CLAMPING PLATE

WITH CLAMPING EDGE & MOUNTING BORES

HARDNESS : HRC 60 ± 2

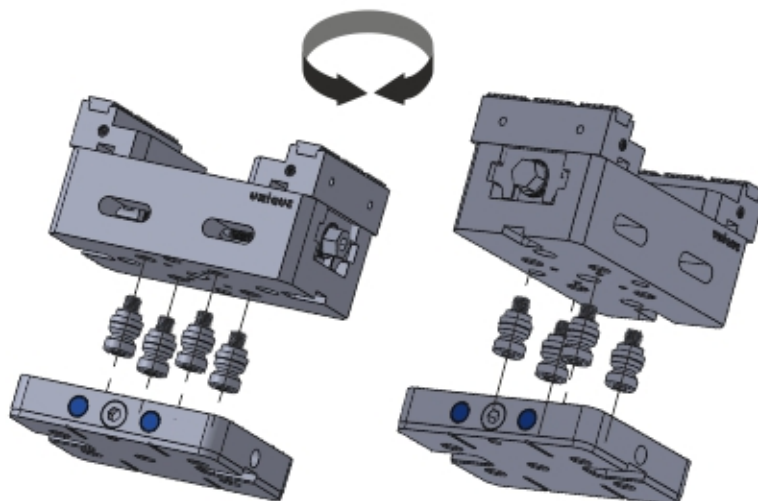
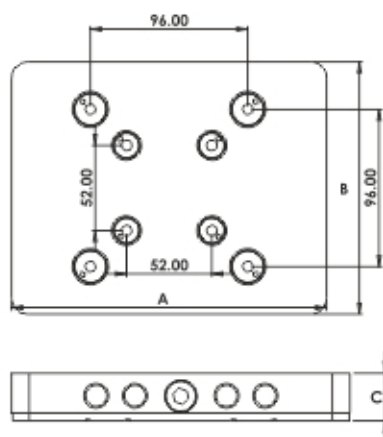


GRID SYSTEM



FEATURES

- High quality alloy steel body, case hardened to HRC 60 ± 2.
- Every internal part has a hardness of HRC 60 ± 2, which makes the whole body super wear resistant.
- It's benefit is high repeat accuracy and extremely short set-up times.
- Fixtures / vices mounted on this product can be rotated by 90°, with a centering accuracy of 0.01 mm
- Supports grid patterns (most common) of 52x52 and 96x96.
- Can be supplied with pre-drilled and tapped mounting patterns, to make it compatible with the most commonly used T-slot machine-table standards in the market.
- Comes with Aligning Keys, so as to align it on the machine table.
- Clamping Repeatability well within 0.01 mm.
- As the bed height is maintained, multiple plates can be used in series so as to create larger fixtures / clamping range.



Grip Pattern	A	B	C	Weight (Kgs.)
52 mm	150	116	27	2.5
96 mm	192	156	27	5
Combo 52 & 96 mm	192	156	27	4.7

Fixture / Vise on top of the plate
can be rotated in increments of 90°

CODE U3636 C

UNIQUE CIRCULAR QUICK POINT CLAMPING PLATE

WITH CLAMPING EDGE & MOUNTING BORES

HARDNESS : HRC 60 ± 2



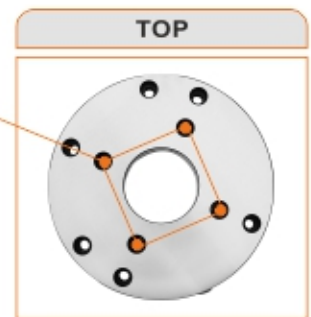
Twin Spindle System
For rough & tough
Clamping



FEATURES

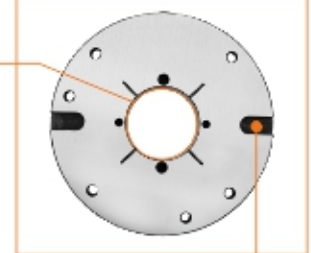
- High quality alloy steel body, case hardened to HRC 60 ± 2.
- Comes with the new twin-clamping spindles for better holding of the Quick Point Compatible vises.
- Mountable on all 5 axis machine tables and Rotary tables, due to our "unique" clamping design.
- Every internal part has a hardness of HRC 60 ± 2, which makes the whole body super wear resistant.
- It's benefit is high repeat accuracy and extremely short set-up times.
- Supports grid patterns (most common) of 52x52 and 96x96.
- Workpiece clamping Repeatability up to 0.010 mm.
- Comes with Aligning Keys, so as to align it on the machine table.
- Can be supplied with pre-drilled and tapped mounting patterns, to make it compatible with the most commonly used T-slot machine-table standards in the market.
- For the centering key to be included, we have to be informed about the required bore size.
- Comes with a H7 tolerance precision bore at the bottom center so as to accurately center it using a centering key on 5 and 4 axis machining centers.

52 x 52 Pattern
96 x 96 Pattern

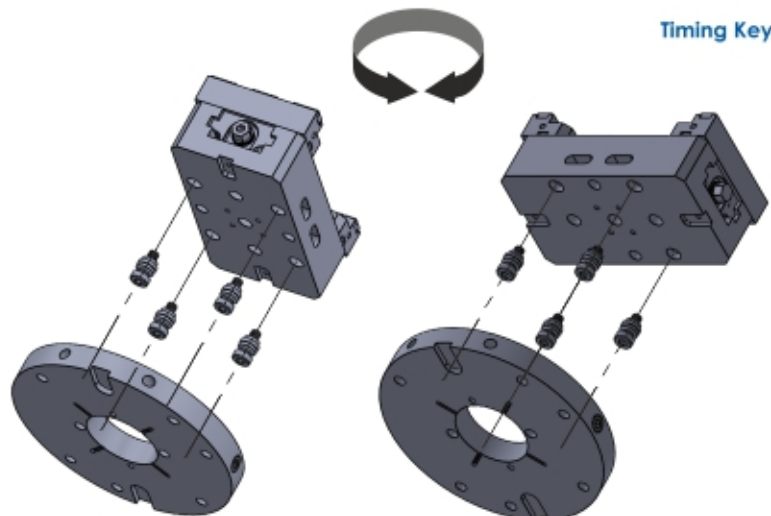
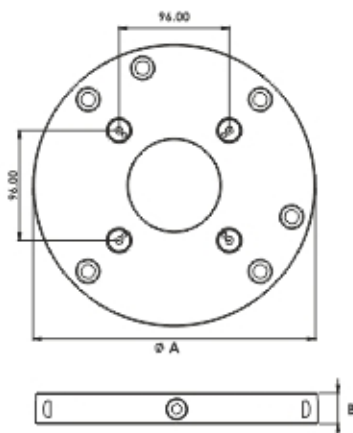


BOTTOM

Centering Key
Option



Timing Key Option



Fixture / Vise on top of the plate
can be rotated in increments of 90°

Grip Pattern	A	B	Weight (Kgs.)
52 mm	157	27	3.7
96 mm	246	27	9.5
Combo 52 & 96 mm	246	27	9.2



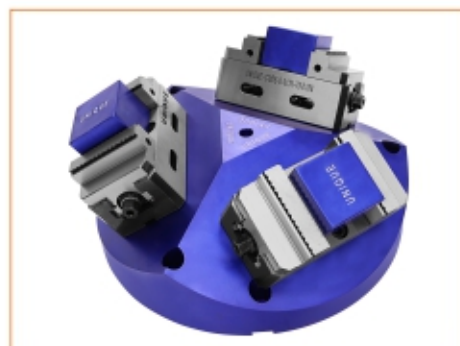
CODE U3737

UNIQUE PYRAMID

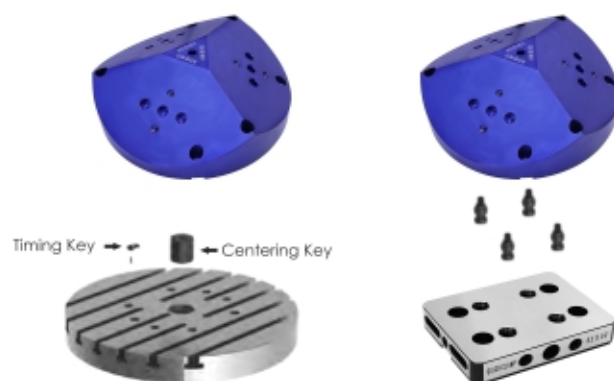
COMPATIBLE WITH U3131 - 50, 75 & 100 MM



COMPATIBLE VISE

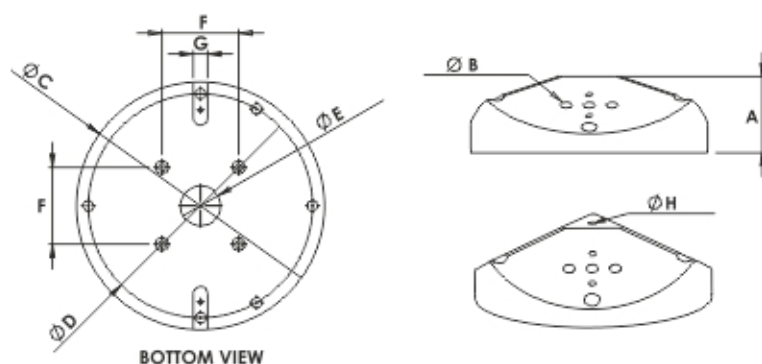


MOUNTING OPTIONS



FEATURES

- 30° mounting surface ensures maximum tool access to all part surfaces.
- More machining per setup possible.
- Constructed with Lightweight 6061-T651 Aluminum.
- Anodized for better corrosion resistance.
- Comes fitted with an Eye Bolt.
- Direct to table mounting is possible with most of the 5-axis T-slotted machine tables.
- Custom sizes and configurations available upon request.



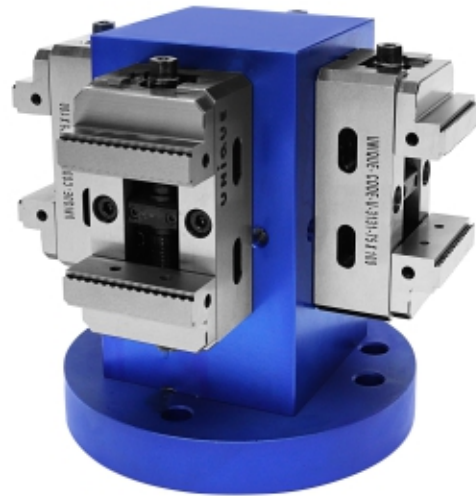
All dimensions in mm

A	B	C	D	E	F	G	H	Weight (Kgs.)
100 / 150	15	310	280	50	96	18	10	12

CODE U4040

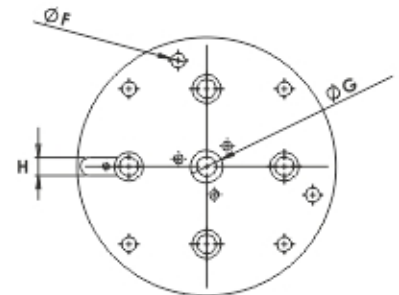
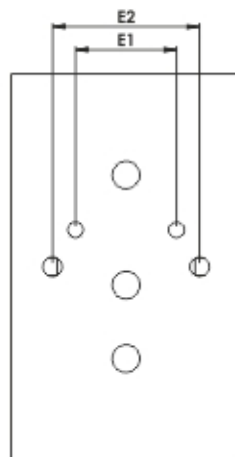
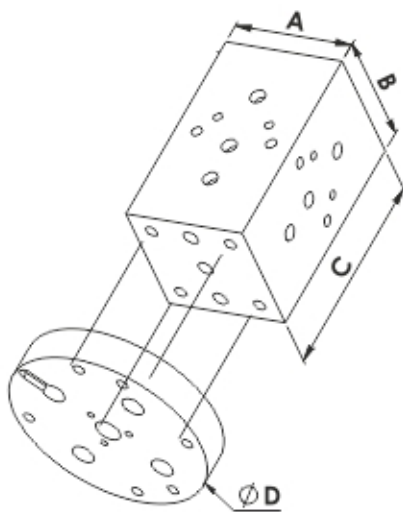
UNIQUE TOMBSTONE

COMPATIBLE WITH U3131 - 50, 75 & 100 MM



FEATURES

- Constructed with 6061-T651 Aluminum.
- Mountable on all 5 axis machine tables and Rotary tables, due to our "unique" clamping design.
- Anodized for better corrosion resistance.
- Versatile mounting options.
- Direct to table mounting is possible with most of the 5-axis T-slotted machine tables.
- Tombstone consists of timing key & centering key for accurate positioning.
- Custom sizes and configurations available upon request.



All dimensions in mm

A	B	C	D	E1	E2	F	G	H	Weight (Kgs.) Without Vise and Plate
125	125	210	220	55	80	11	25	14	9



CODE U4141

UNIQUE QUICK POINT TOMBSTONE

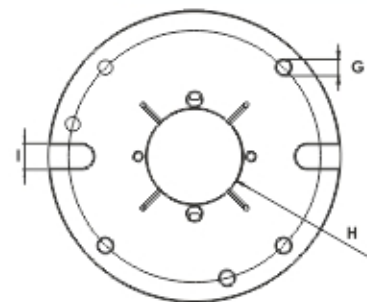
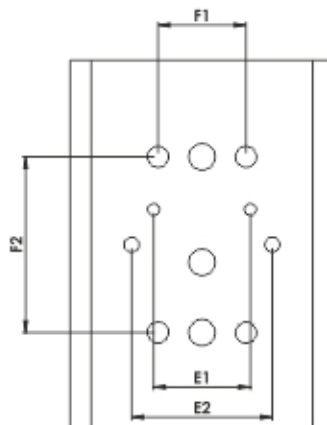
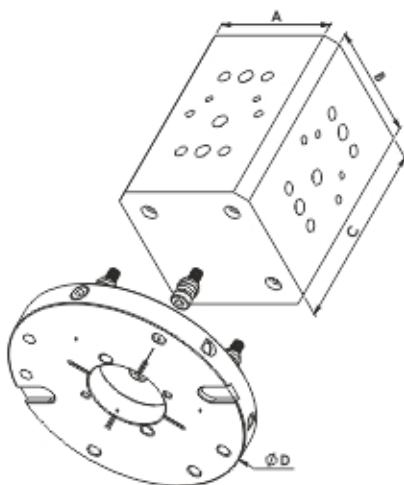
COMPATIBLE WITH U3131 - 50, 75 & 100 MM



FEATURES

- Constructed with 6061-T651 Aluminum.
- Every face can be mounted with either a Unique U3131 vise(50, 75 or 100mm Jaw width) or a Unique U 3636R plate with 52 x 52 grid pattern.
- Anodized for better corrosion resistance.
- Versatile mounting options.
- Direct to table mounting is possible with most of the 5-axis T-slotted machine tables.
- Tombstone consists of timing key & centering key for accurate positioning.
- Custom sizes and configurations available upon request.

ADDING QUICK POINT PLATES U3636R



All dimensions in mm

A	B	C	D	E1	E2	F1	F2	G	H	I	Weight (Kgs.) Without Vise and Plate
125	125	210	220	55	80	50	100	11	25	14	9

CODE U3535

UNIQUE ADAPTOR PLATE

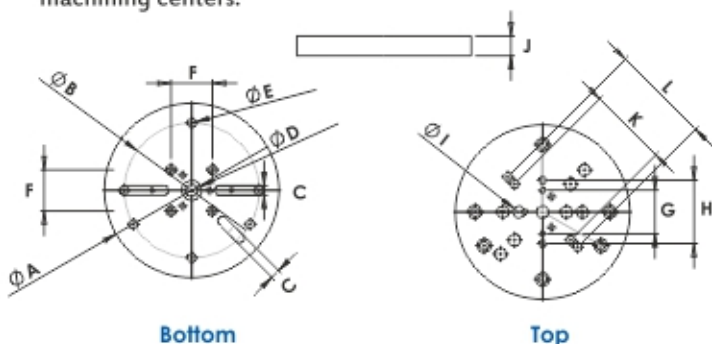
COMPATIBLE WITH U3131 - ALL SIZES

ALSO AVAILABLE IN HIGH GRADE ALLOY STEEL



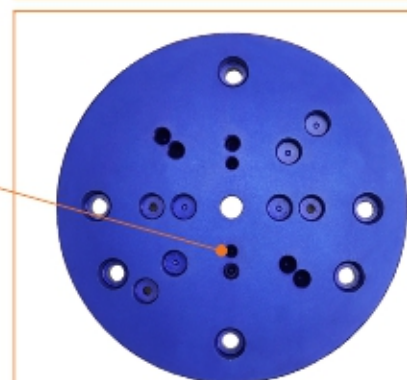
FEATURES

- Available with H7 tolerance center bore on top for centering of plate on mounting surfaces.
- Available with H7 tolerance center bore on bottom to be centered using a centering key with various rotary tables.
- Constructed with Lightweight 6061-T651 Aluminum.
- Direct to table mounting is possible with most of the 5-axis T-slotted machine tables.
- Anodized for better corrosion resistance.
- Custom sizes and configurations available upon request.
- Can be mounted upon Quick Point Plate (U3636) for faster setup times.
- Aligning key included.
- For the centering key to be included, we have to be informed about the bore size that you require.
- Comes with a H7 tolerance precision bore at the bottom center so as to accurately center it using a centering key on 5 / 4 axis machining centers.



TOP

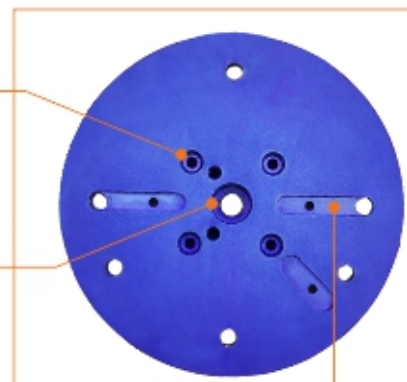
Vise Mounting Option



BOTTOM

96 x 96 Pattern

Centering Key Option



Timing Key Option

All dimensions in mm

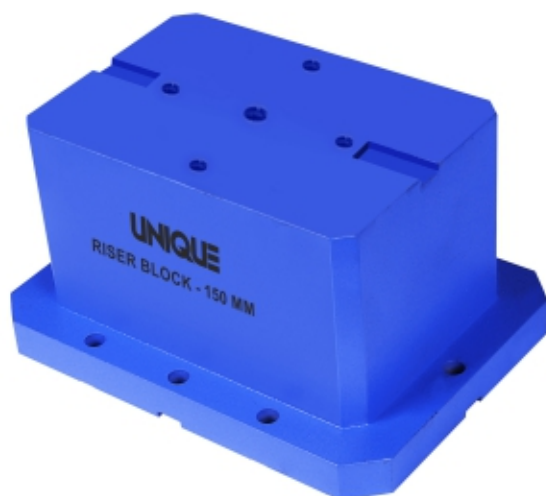
A	B	C	D	E	F	G	H	I	J	K	L	Weight (Kgs.) Aluminium	Weight (Kgs.) Alloy Steel
160	130	12	25	11	52	55	80	15	25	-	-	1.1	3.3
220	170	12	25	11	52	55	80	15	25	100	125	2.2	6.6



CODE U3131 - RB

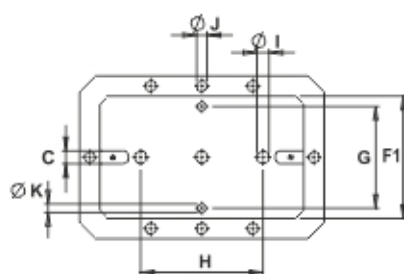
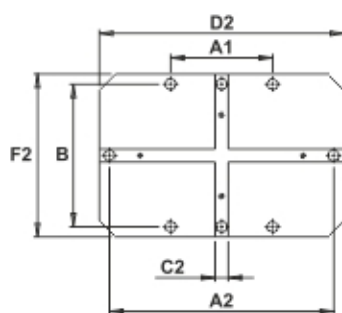
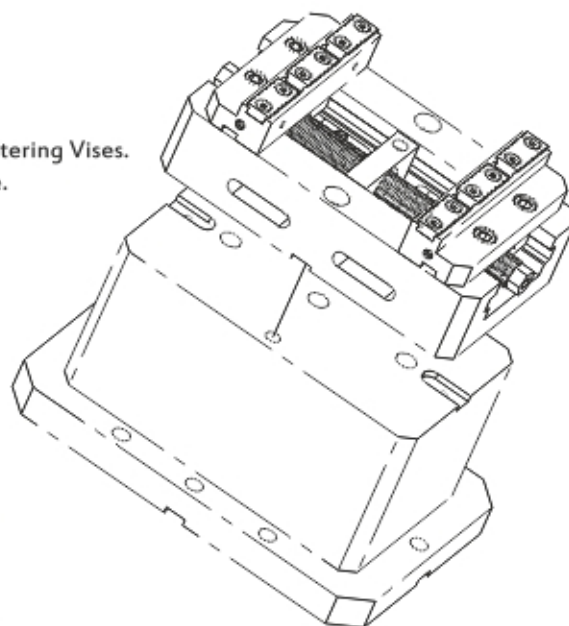
HEIGHT RISER BLOCK

ACCESSORY OF U3131 PRECISION VISE



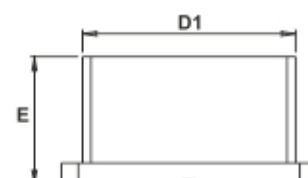
FEATURES

- The Raiser Block is made of High Grade 6061 - T651 Aluminium Alloy.
- Accuracy in Squareness $\pm 0.01/100$ mm
- Raiser Block is compatible with all of the Unique Precision 5-Axis Self Centering Vises.
- Provided with aligning pins & slots for accurate clamping of the 5 axis vise.



All dimensions in mm

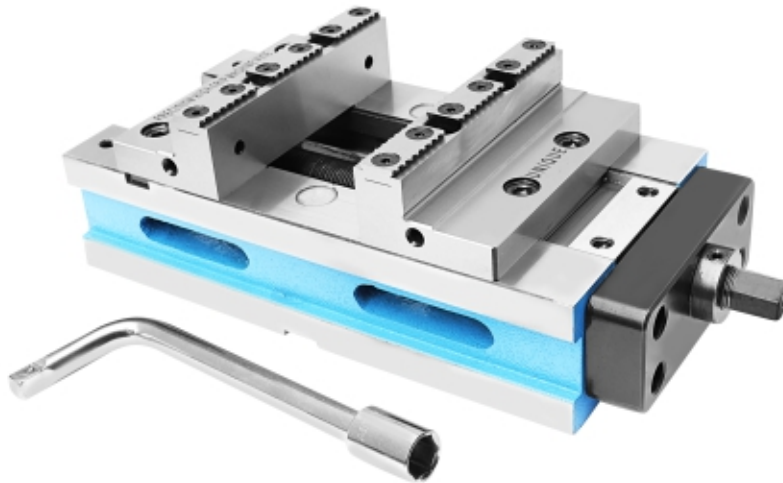
Jaw Width	A1	A2	B	C2	C	D1	D2	E	F1	F2	G	H	I	J	K
50	125	137	95	16	12	117	167	100	75	115	55	60	15	13	9
75	125	160	100	16	12	140	190	100	75	125	55	60	15	13	9
100	125	195	125	16	16	175	225	100	100	150	80	100	15	13	11
125	125	245	150	16	16	225	275	100	125	175	100	100	15	13	13
150	125	270	180	16	16	250	300	100	150	210	125	150	15	13	13



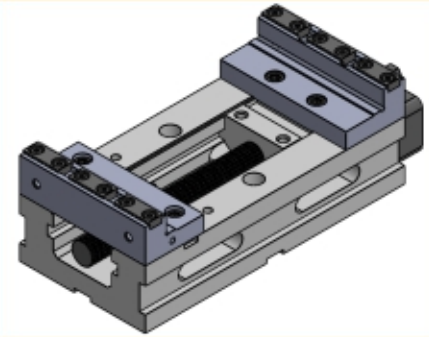
CODE U2121

UNIQUE PRECISION HIGH GRIP MACHINE VISE

(HARDENED GUIDE WAYS)

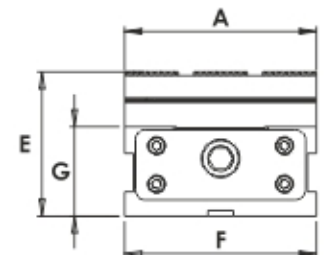
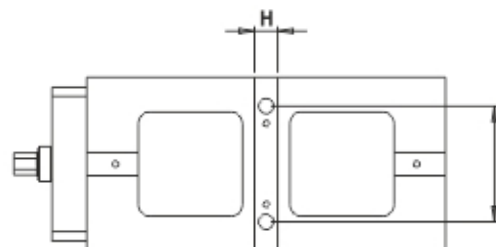
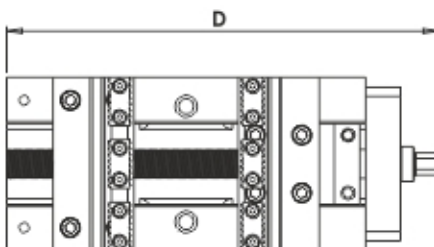
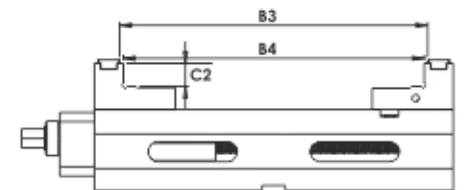
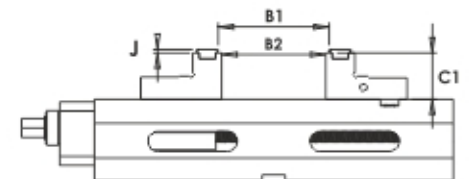


REVERSIBLE JAWS



FEATURES

- Specially designed for Precision milling, Grinding and CNC Operations.
- High quality alloy steel jaws, case hardened to HRC 60 $\pm$ 2.
- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Top and bottom vise faces are parallel well within $\pm$ 0.02 mm / 100 mm.
- High accuracy in squareness, within $\pm$ 0.02 mm / 100 m.
- Jaws in normal position and reverse position have 2 different clamping areas.
- Tenon and Tenon slots are provided for effortless truing of the machine vise to the machine table.
- Jaws are reversible, so as to provide additional clamping range.

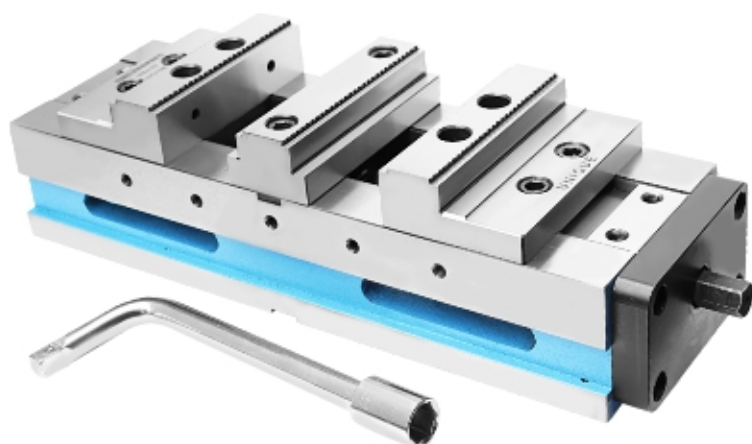


Jaw Width	Openings														All dimensions in mm	
	A	B1	B2	B3	B4	C1	C2	D	E	F	G	H	I	J	Weight (Kgs.)	Clamping Pressure (KGF)
150		175	170	265	260	40	20	360	113	151	70	20	100	3	19	5000
		215	212	400	370			530	130		90				39	



CODE U2222

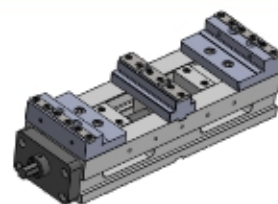
UNIQUE PRECISION SELF CENTERING HIGH GRIP MACHINE VISE (HARDENED GUIDE WAYS)



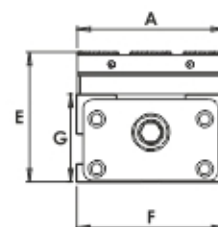
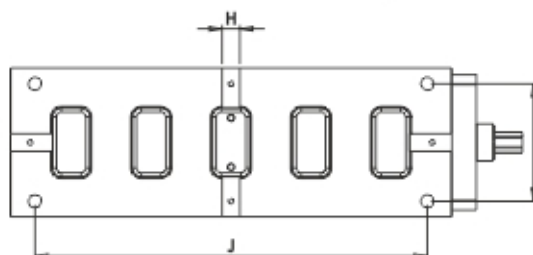
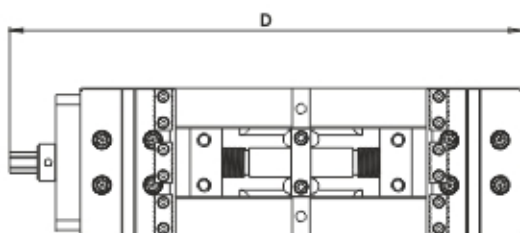
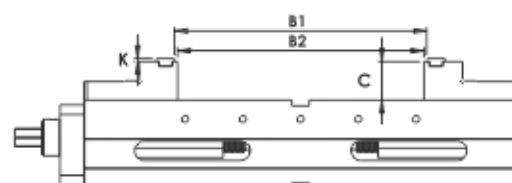
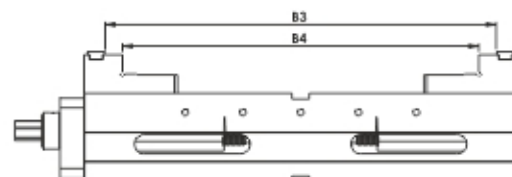
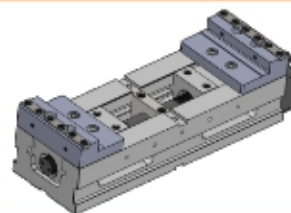
FEATURES

- Specially designed for Precision milling, Grinding and CNC Operations.
- Compact design with large opening suitable for 4th and 5th axis rotary tables.
- High quality alloy steel jaws, case hardened to HRC 60 $\pm$ 2.
- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Top and bottom vise faces are parallel well within ± 0.02 mm / 100 mm.
- High accuracy in squareness, within ± 0.02 mm / 100 mm.
- Vise can be customized for holding two work pieces with optional intermediate jaw.
- Tenon and Tenon slots are provided for effortless truing of the machine vise to the machine table.
- Jaws are reversible, so as to provide additional clamping range.
- Maximum Clamping force of 4500 KGF could be achieved.

WITH CENTER JAW



WITHOUT CENTER JAW

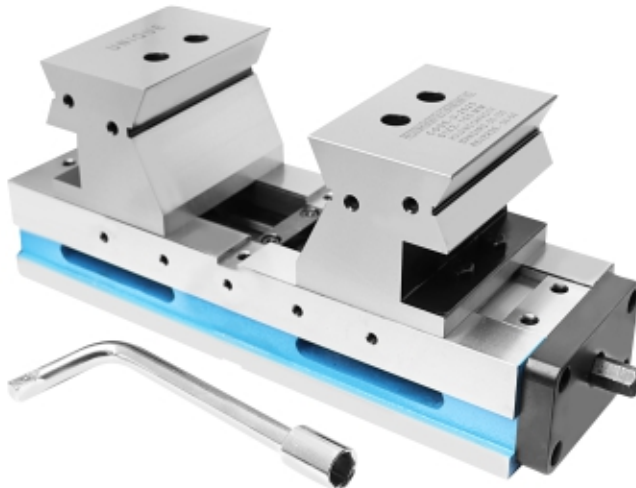


Jaw Width	Openings				WITHOUT CENTER JAWS 1 PIECE CAN BE HELD										All dimensions in mm	
	A	B1	B2	B3	B4	C	D	E	F	G	H	I	J	K	Weight (Kgs.)	Clamping Pressure (KGF)
150		175	170	265	260	40	320	113	151	70	20	100	250	3	21.5	4500
		260	255	400	370		500	130		90		120	400		41.5	

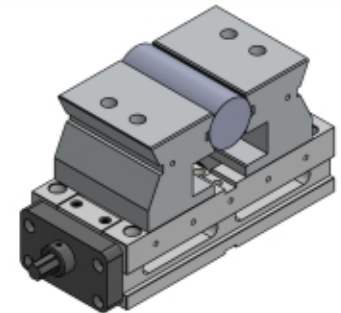
Jaw Width	Openings				WITH CENTER JAWS 2 PIECES CAN BE HELD										All dimensions in mm	
	A	B1	B2	B3	B4	C	D	E	F	G	H	I	J	K	Weight (Kgs.)	Clamping Pressure (KGF)
150		72	57	117	112	40	320	113	151	70	20	100	250	3	23	4500
		115	95	185	167		500	130		90		120	400		44	

CODE U2525

UNIQUE PRECISION HIGH GRIP SELF CENTERING SHAFT VISE (HARDENED GUIDE WAYS)

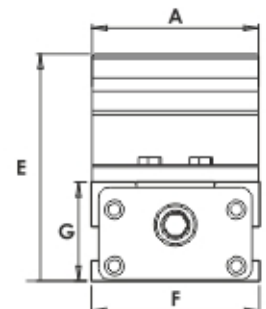
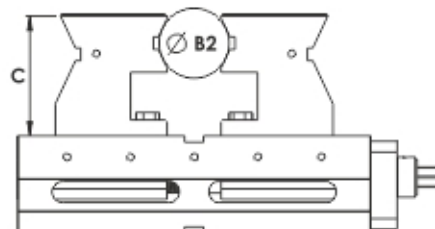
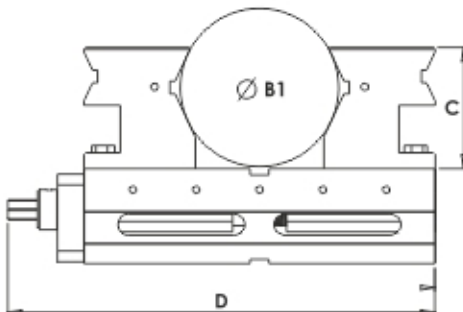
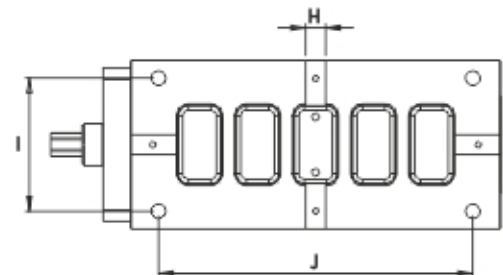


REVERSIBLE JAWS



FEATURES

- Compact, rigid and specially designed for accurate centering of round jobs on precision for precision milling, grinding & CNC Operations.
- High quality alloy steel jaws, case hardened to HRC 60 $\pm$ 2.
- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Top and bottom vise faces are parallel well within $\pm$ 0.02 mm / 100 mm.
- High accuracy in squareness, within 0.02 mm / 100 mm.
- Tenon and Tenon slots are provided for effortless truing of the machine vise to the machine table.
- Jaws are reversible, so as to provide additional clamping range.



Jaw Width		Openings											All dimensions in mm	
A	B1	B2	C	D	E	F	G	H	I	J	Weight (Kgs.)	Clamping Pressure (KGF)		
150	40-100	20-40	80	320	150	151	70	20	100	250	25	5000		
	50-150	30-50	115	500	205		90		120	400	57			



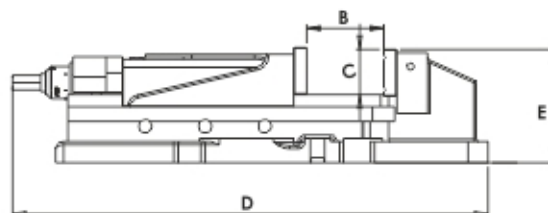
CODE U3510
UNIQUE HYDRAULIC PRESSURE VISE
(HARDENED GUIDE WAYS)
WITH OPTIONAL SWIVEL BASE



FEATURES

- Lock Proof System : Prevents the vise from getting stuck due to wrong clamping force.
- High quality FCD 60 vise body for milling, drilling, shaping, grinding and many other machine shop applications.
- Maximum Clamping Pressure - 4500 KGF
- Sliding Bed ways hardened and ground.
- Concealed spindle for protection against chips and dirt.
- Hydraulic - Booster system for maximum clamping pressure with minimum force.
- Accuracy in Squareness within 0.02mm/100mm.
- Hydro line - one line indicates about 1/3 of the max clamping force.
- Furnished with or without Swivel Base.

HYDRO LINE



Jaw Width Opening		All dimensions in mm									
A	B	C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs.) Fixed	Weight (Kgs.) Swivel	Clamping Pressure (KGF)
100	175	36	440	95	125	170	200	20	19	22	4000
150	200	58	510	145	185	230	300	20	48	60	4500
	300		620						53	65	

CODE U5510

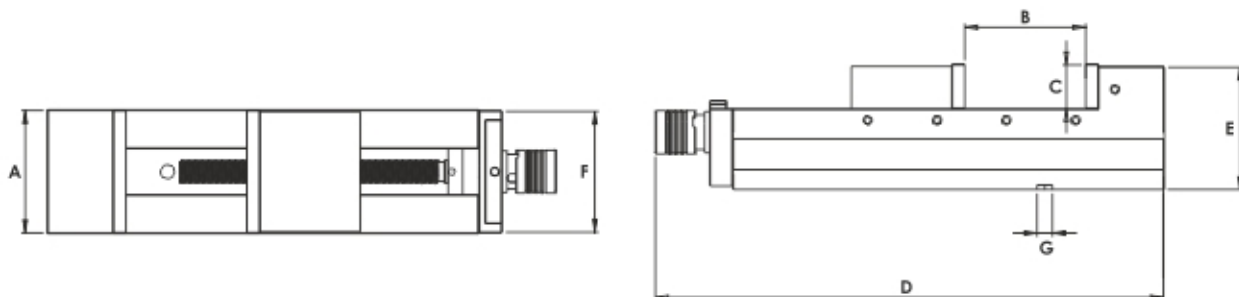
UNIQUE PRECISION TILT LOCK HYDRAULIC VISE

(HARDENED GUIDE WAYS)



FEATURES

- Tilt Lock design creates a downward thrust, to prevent workpiece lift while clamping.
- It consists of a Hydraulic booster system for maximum and stable clamping pressure with minimum force.
- High quality FCD 60 vise body.
- Vise beds are hardened and precision ground.
- Maximum clamping force of 4500 KGF.
- Accuracy in squareness within 0.02mm / 100mm.



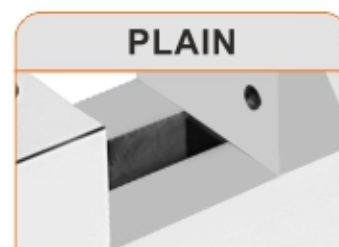
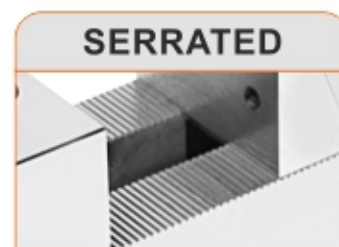
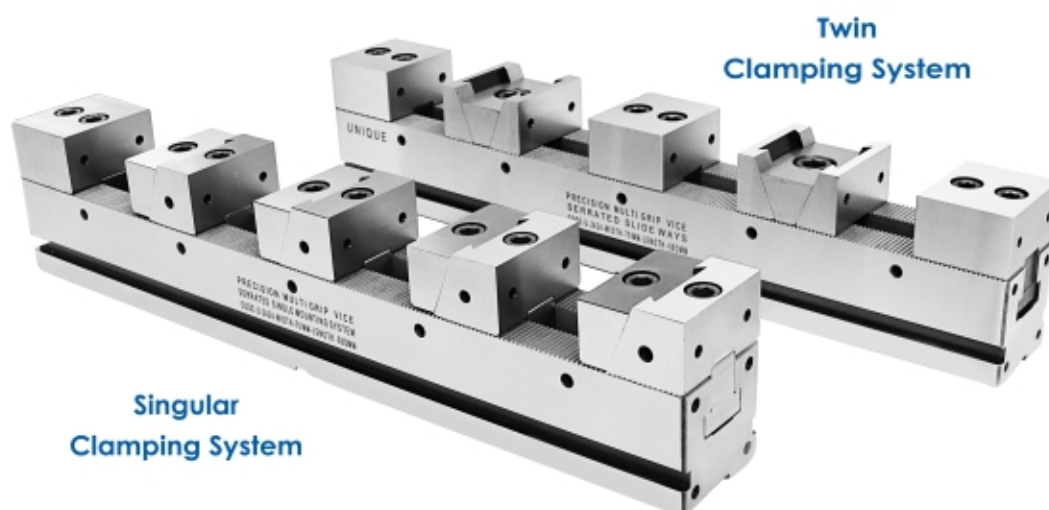
Jaw Width	Opening	All dimensions in mm						
A	B	C	D	E	F	G	Weight (Kgs.)	Clamping Pressure (KGF)
150	200	58	520	165	160	20	50	4500
	300		710				60	



CODE U2424

UNIQUE PRECISION MULTI GRIP VISE

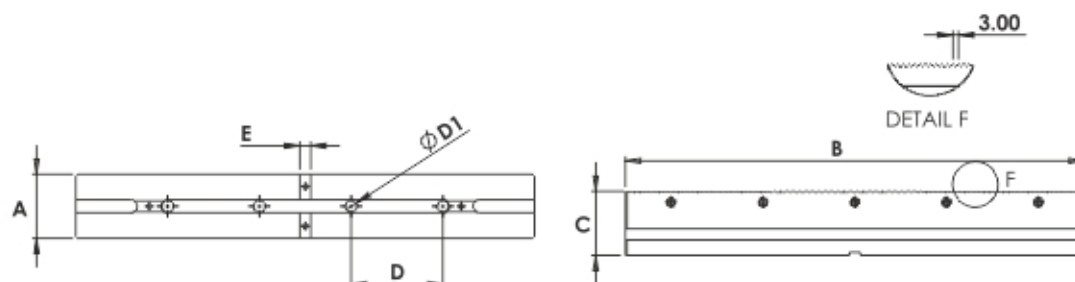
SERRATED / PLAIN GUIDE WAYS



FEATURES

- The system can hold multiple workpieces at the same time, thereby reducing tool changeover times.
- Even the most challenging workpiece types can be machined.
- Increases productivity by maximizing the machine table capacity.
- Repeatability of the fixturing set-up is simple and guaranteed by the most accurate rail system on the market.
- Vise body & accessories are of high quality alloy steel, case hardened upto HRC 60 $\pm$ 2.
- Accuracy in positioning and alignment, is within $\pm$ 0.02mm/100mm.

JAW OPTIONS



Openings per piece when 1 or more pieces are to be clamped

No. of Pcs.	1	2	3	4	5	6	7	8
Vise Length	340	216	77	30	7	-	-	-
	540	416	177	97	57	33	17	6
	600	476	207	117	72	45	27	14

Technical Specifications

Technical Specifications						All dimensions in mm		U2424 With Twin Clamping System	U2424 With Singular Clamping System
A	B	C	D	D1	E	Weight (Kgs.)	Clamping Pressure (KGF)	Accessories Included	Accessories Included
70	340	70	100	13	16	6	3500	2 x U2626 SM ; 1 x U2626 TW	1 x U2626 SM ; 2 x U2626 SW
	540					18	5000	3 x U2626 SM ; 2 x U2626 TW	1 x U2626 SM ; 4 x U2626 SW
	600					21	5000	3 x U2626 SM ; 2 x U2626 TW	1 x U2626 SM ; 4 x U2626 SW

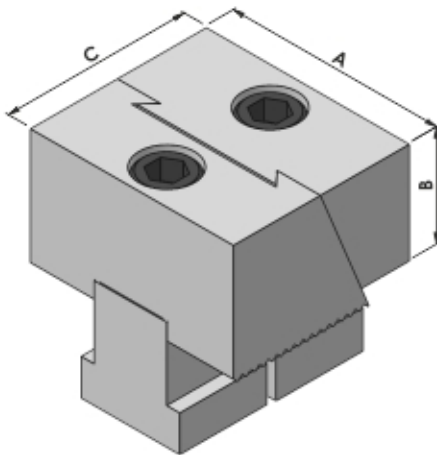
CODE U2626

UNIQUE WEDGE CLAMP & ACCESORIES

COMPATIBLE WITH U2424 / U2424 COMPACT / MACHINE TABLE

FEATURES

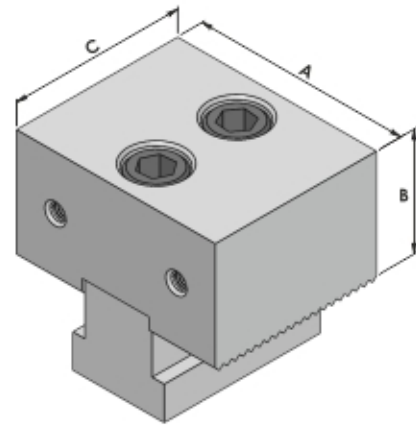
- Most rigid low profile clamps available in the market right now.
- This vise is not limited to the maximum length of the base slide, as is the case with conventional slide based vises.
- Can be accessorized with different jaws, using the threads on the moving faces, based upon the application.
- Even the most challenging workpieces, either in size or in shape can be machined easily.
- Increases productivity by maximizing the machine table capacity, at the same time increases tool accessibility.
- Clamp body & accessories are of high quality alloy steel, case hardened to HRC 60 $\pm$ 2.



U2626 SW (Single Wedge)

A	B	C	C Optimum	C Full	Weight (Kgs.)
42	30	48	50	55	0.34
52	35	55	57	62	0.42
70	40	60	62	67	1

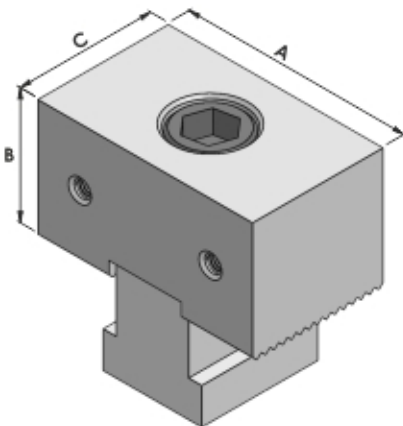
All dimensions in mm



U2626 TM (Twin Mount)

A	B	C	Weight (Kgs.)
42	30	48	0.34
52	35	55	0.42
70	40	60	1

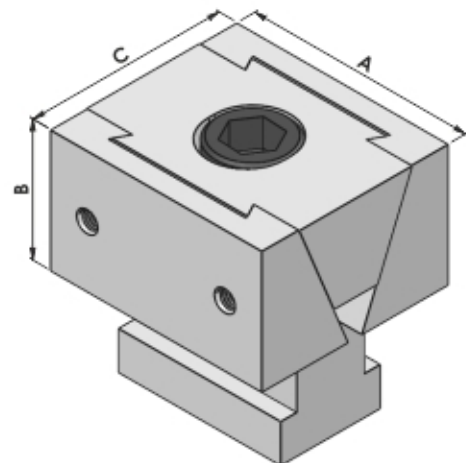
All dimensions in mm



U2626 SM (Single Mount)

A	B	C	Weight (Kgs.)
42	30	33	0.25
52	35	40	0.40
70	40	45	0.80

All dimensions in mm



U2626 TW (Twin Wedge)

A	B	C	C Optimum	C Full	Weight (Kgs.)
42	30	48	50	55	0.34
52	35	55	57	62	0.42
70	40	60	62	67	1

All dimensions in mm



CODE U2424 COMPACT UNIQUE COMPACT PRECISION MULTI GRIP VISE SERRATED / PLAIN GUIDE WAYS



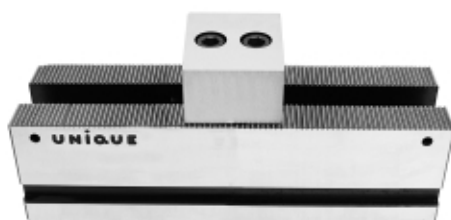
TYPE 1



TYPE 2



TYPE 3



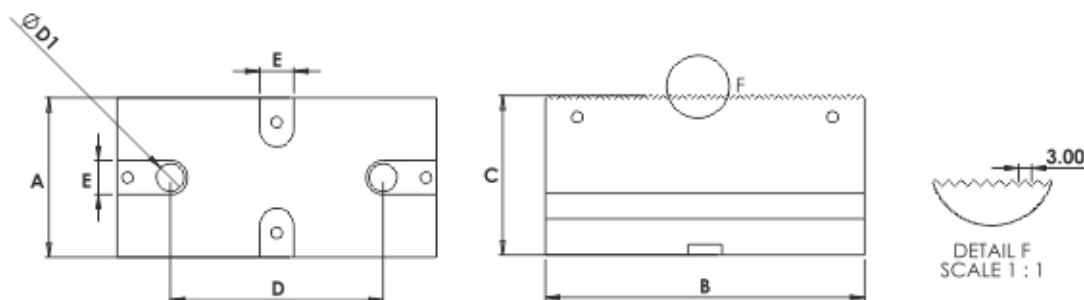
TYPE 4



TYPE 5

FEATURES

- This vise is not limited to the size of the base slide and can be paired with other similar slides in serial or parallel order using the alignment key.
- The system can hold multiple workpieces at the same time, thereby reducing tool changeover times.
- Even the most challenging workpiece types can be machined.
- Increases productivity by maximizing the machine table capacity.
- Repeatability of the fixturing set-up is simple and guaranteed by the most accurate rail system on the market.
- Vise body & accessories are of high quality alloy steel, case hardened upto HRC 60 $\pm$ 2.
- Accuracy in positioning and alignment, is within $\pm 0.02\text{mm}/100\text{mm}$.



All dimensions in mm

A	B	C	D	D1	E	Weight (Kgs.)	Clamping Pressure (KGF)
70	150	70	100	13	16	2.1	5000

JAW OPTIONS



V - TYPE JAW



SERRATED JAW



HORIZONTAL V - TYPE JAW

CODE U2727

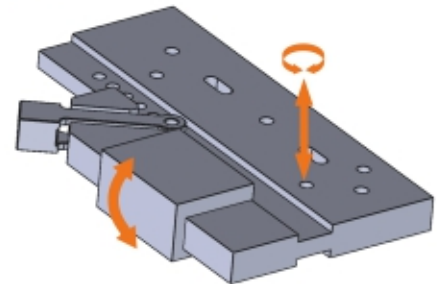
UNIQUE PRECISION WIRE EDM VISE

STAINLESS STEEL - 420

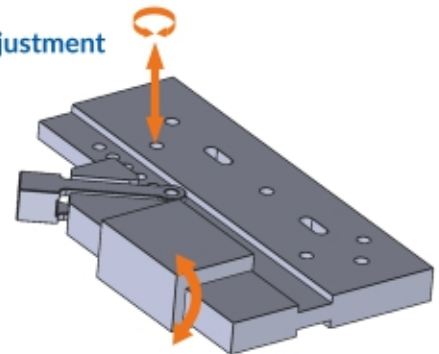
HARDNESS : HRC 50 ± 2



Leveling Adjustment

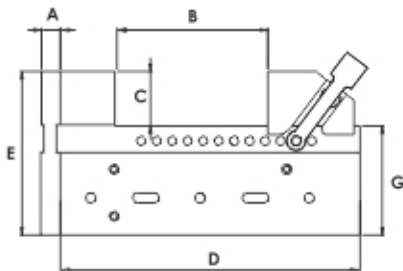


Leveling Adjustment

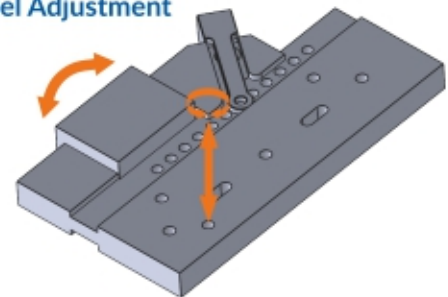


FEATURES

- 45 degree clamping angle provides excellent holding force on workpiece.
- Workpiece anti-floating when clamped.
- Accuracy in parallelism and squareness in within 0.005 / 100 mm.
- All vise parts are Case Hardened upto HRC 50 ± 2, to give maximum rigidity, high performance and No wear.
- Small parts can be accurately clamped.
- High water pressure resistance when clamping.
- Workpiece can be adjusted in 2-axes using adjustable leveling screws.



Parallel Adjustment



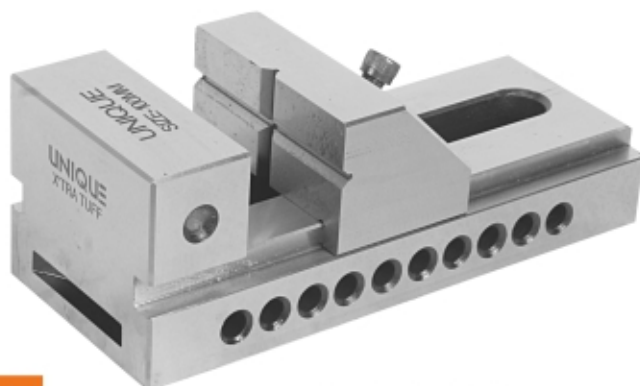
Jaw Width Opening		All dimensions in mm					
A	B	C	D	E	F	G	Weight (Kgs.)
22	150	50	275	156	23	100	6



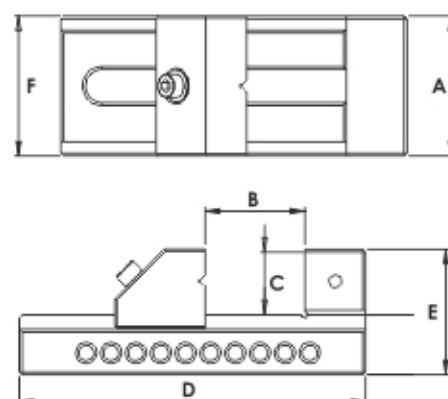
CODE U421 UNIQUE PRECISION SCREW LESS VISE

FEATURES

- Vise body & jaws are made of Tool Steel & are hardened, tempered & precision ground.
- All sides parallelism & squareness is well within $\pm 0.01\text{mm} / 100\text{mm}$.



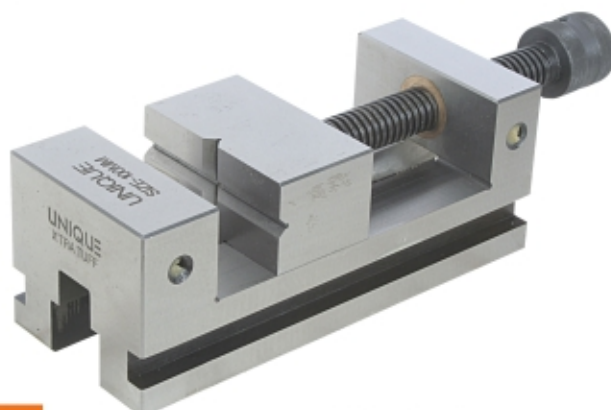
Jaw Width		Opening		All dimensions in mm		
A	B	C	D	E	F	Weight (Kgs.)
50	75	28	155	53	50	1.7
76	100	35	180	64	76	3.7
94	135	45	232	84	95	7.6
150	190	48	330	96	150	19.4



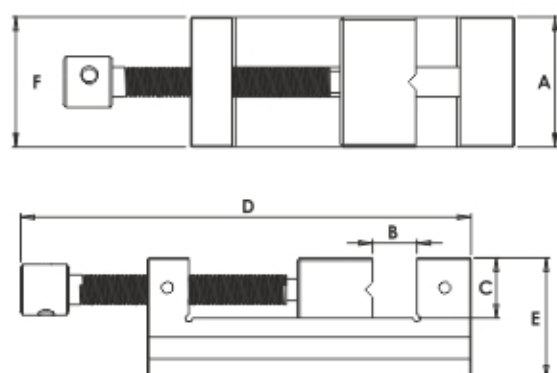
CODE U422 UNIQUE PRECISION GRINDING VISE

FEATURES

- Vise body & jaws are made of Tool Steel & are hardened, tempered & precision ground.
- All sides parallelism & squareness is well within $\pm 0.01\text{mm} / 100\text{mm}$.



Jaw Width		Opening		All dimensions in mm		
A	B	C	D	E	F	Weight (Kgs.)
60	55	25	160	45	60	1.4
75	90	42	250	72	75	5.2
94	104	45	285	90	94	9.7
150	150	50	360	96	150	20.6

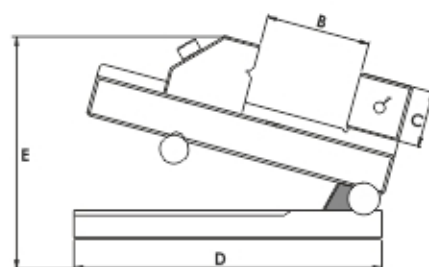
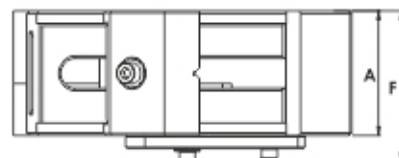


CODE U424

UNIQUE PRECISION SINE VISE-PIN TYPE

FEATURES

- Vise body & jaws are made of Tool Steel & are hardened, tempered & precision ground.
- All sides parallelism & squareness is well within $\pm 0.01\text{mm} / 100\text{mm}$.
- Angles can be obtained by using gauge blocks.



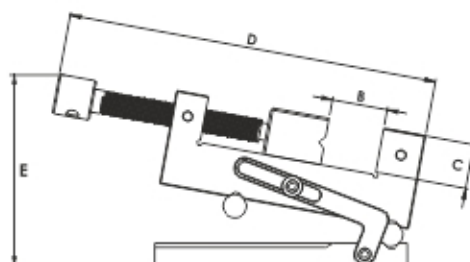
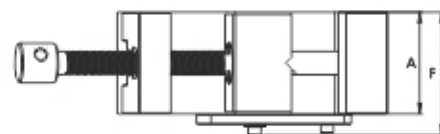
Jaw Width Opening		All dimensions in mm				
A	B	C	D	E	F	Weight (Kgs.)
75	95	40	195	105	96	6.6
100	114	44	237	118	122	12

CODE U425

UNIQUE PRECISION SINE VISE-LEAD SCREW TYPE

FEATURES

- Vise body & jaws are made of Tool Steel & are hardened, tempered & precision ground.
- All sides parallelism & squareness is well within $\pm 0.01\text{mm} / 100\text{mm}$.
- Angles can be obtained by using gauge blocks.



Jaw Width Opening		All dimensions in mm				
A	B	C	D	E	F	Weight (Kgs.)
75	85	40	205	100	75	6.6
100	125	45	300	123	123	15



CODE U350

UNIQUE TILT LOCK MACHINE VISE

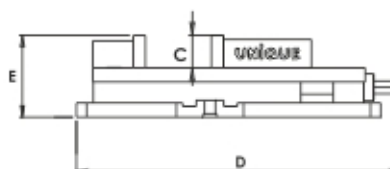
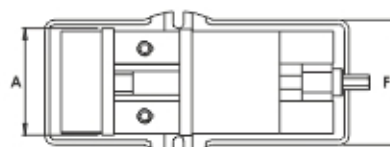
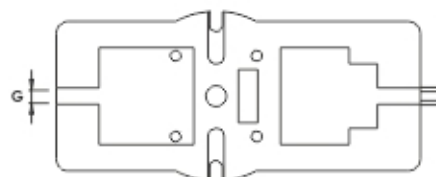
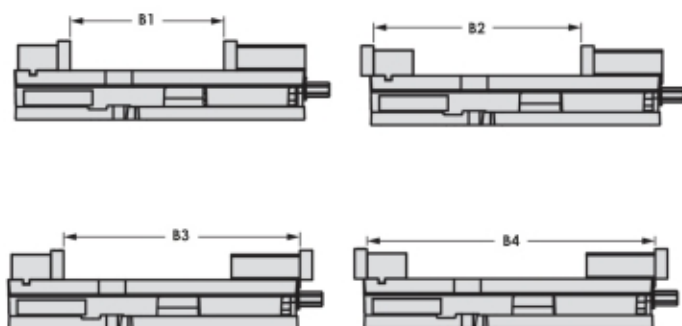
(HARDENED GUIDE WAYS)
WITH OPTIONAL SWIVEL BASE



FEATURES

- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Hardened Jaw Plates.
- Anti lift hammer less vise.
- Fitted with thrust bearing for smooth movement.
- 4 Possible configurations, (as shown in the SETUP OPTIONS).
- Chip clearance holes, no dead pockets.
- Supplied with stopper for fast production.
- Accuracy in squareness $\pm 0.02 / 100$ mm.

SETUP OPTIONS



JAW OPTIONS



SOFT JAW



SERRATED JAW



STEP JAW



DIAMOND TEETH JAW

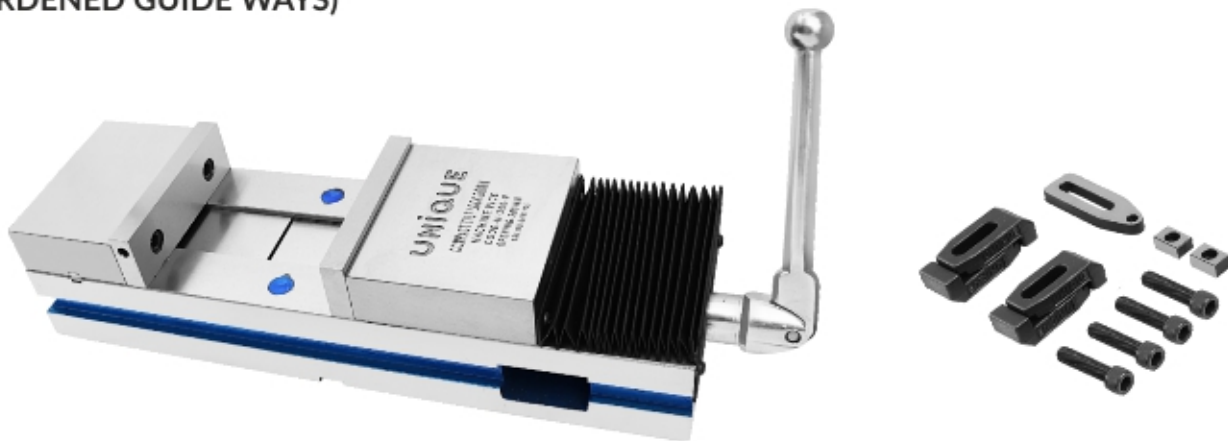
Jaw Width	Openings				C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs.) Fixed	Weight (Kgs.) Swivel	Clamping Pressure (KGF)
	A	B1	B2	B3	B4 Max									
100	150	198	274	322	40	345	100	140	175	225	16	18	21	1500
125	125	173	254	302	40	375	100	145	205	270	16	38	45	3000
150	175	249	322	396	45	475	125	170	220	310	20	34	49	3200
	225	299	372	446		535						36	51	
200	250	333	430	513	60	585	160	220	310	410	20	66	91	3700
	300	383	480	563		645						70	95	
250	350	433	530	613	60	695	160	220	360	460	20	80	105	4000
300	400	495	603	698	70	775	165	225	375	475	20	120	145	4000

All dimensions in mm

CODE U350 P

UNIQUE PRECISION COMPACT LOCK MACHINE VISE

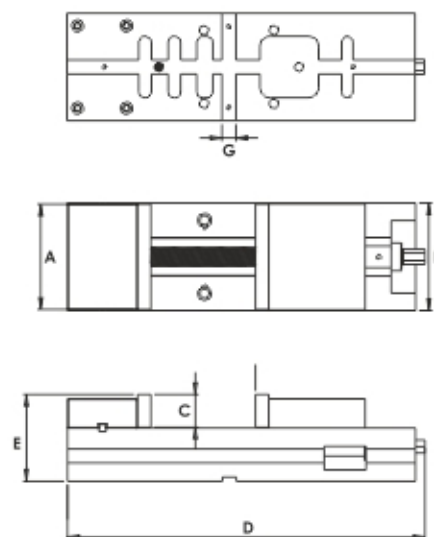
(HARDENED GUIDE WAYS)



FEATURES

- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Vise can be clamped normally or on either of it's two sides.
- Hardened Jaw Plates.
- Anti lift hammer less vise.
- Fitted with thrust bearing for smooth movement.
- Both Top and Bottom of the vise are precision ground.
- Chip clearance holes, no dead pockets.
- Supplied with stopper for fast production.
- Accuracy in squareness $\pm 0.02\text{mm} / 100 \text{ mm}$.

SETUP OPTIONS



JAW OPTIONS



SOFT JAW



SERRATED JAW



STEP JAW



DIAMOND TEETH JAW

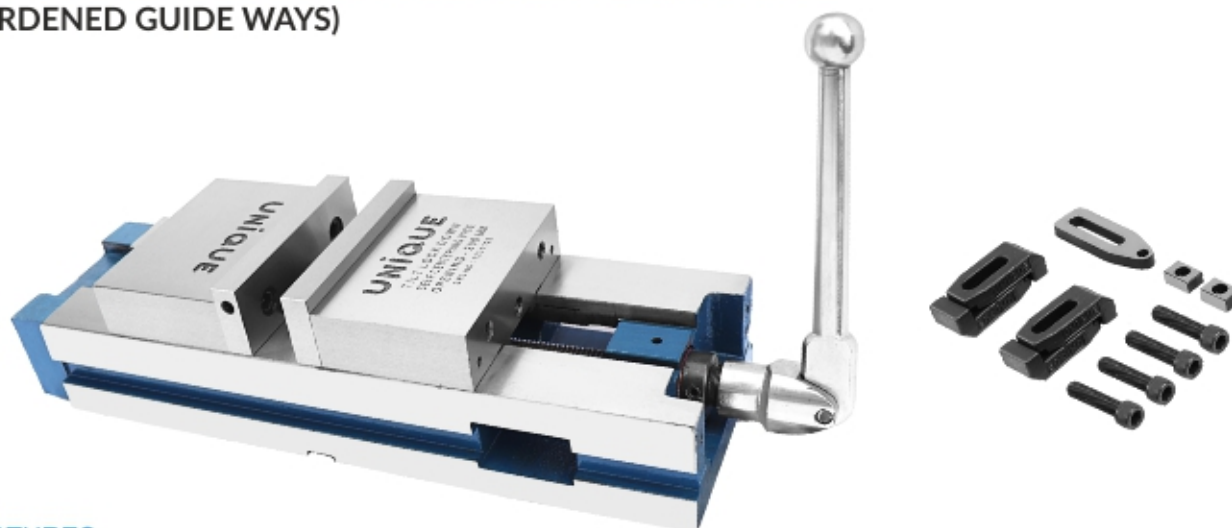
Jaw Width	Openings				All dimensions in mm							
	A	B1	B2	B3	B4	C	D	E	F	G	Weight (Kgs.)	Clamping Pressure (KGF)
150	225	317	347	464	45	550	125	151	20	36	3200	



CODE U350 SCV

UNIQUE ANGLE LOCK SELF CENTERING VISE

(HARDENED GUIDE WAYS)



FEATURES

- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Vise can be clamped normally or on either of it's two sides.
- Hardened Jaw Plates.
- Anti lift hammer less vise.
- Fitted with thrust bearing for smooth movement.
- Both Top and Bottom of the vise are precision ground.
- Chip clearance holes, no dead pockets.
- Supplied with stopper for fast production.
- Accuracy in squareness $\pm 0.02\text{mm} / 100 \text{ mm}$.
- Centering accuracy is within $\pm 0.02\text{mm} / 100 \text{ mm}$

JAW OPTIONS



SOFT JAW



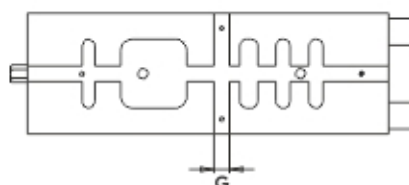
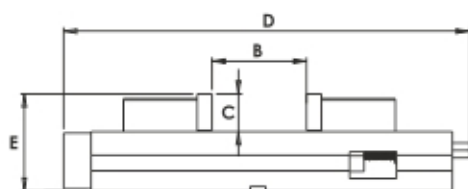
SERRATED JAW



STEP JAW



DIAMOND TEETH JAW



Jaw Width Opening								
A	B	C	D	E	F	G	Weight (Kgs.)	Clamping Pressure (KGF)
150	225	45	520	125	152	20	34	2500

All dimensions in mm

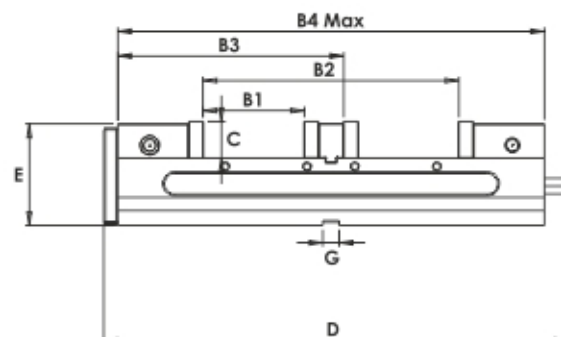
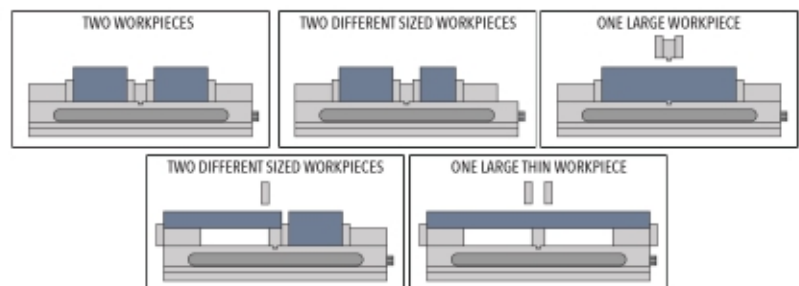
CODE U355 UNIQUE PRECISION DUAL STATION VISE (HARDENED GUIDE WAYS)



FEATURES

- Two different / same sized workpieces making fast production of parts possible.
- Clamping force equalization mechanism ensures that both workpieces are clamped with equal force.
- High quality FCD 60 vise body. Both the vise bed and the Jaw plates are hardened and precision ground.
- Fixed Center jaw has a machined keyway with H7 tolerance for accurate alignment.
- 5 Different clamping configurations possible, as shown in Setup Options
- Accuracy in squareness in within $\pm 0.02\text{mm} / 100 \text{ mm}$.

Setup Options



Jaw Width	Openings				All dimensions in mm						
A	B1	B2	B3	B4 Max	C	D	E	F	G	Weight (Kgs.)	Clamping Pressure (KGF)
152	125	314	275	520	45	520	127	150	20	50	4000



CODE U310

UNIQUE MILLING MACHINE VISE WITH OPTIONAL SWIVEL BASE



Fixed Base

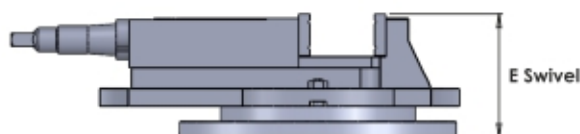


Swivel Base

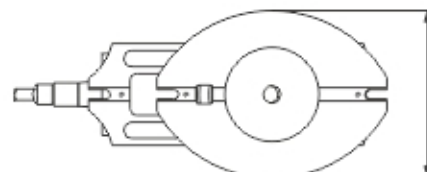
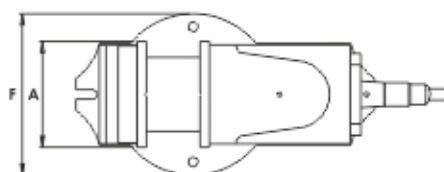
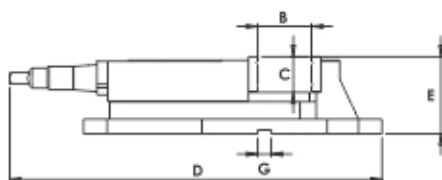
FEATURES

- Fitted with thrust bearing for smooth movement and less fatigue.
- Vise body is made from high strength graded cast iron for toughness and rigidity.
- Fine acme thread lead screw.
- Jaws are made of special steel, which are hardened and ground.
- Fixed jaw is provided with vertical and horizontal 'V' grooves to hold round jobs perfectly.
- Vise can be converted from swivel base to fixed base by removing the swivel base.
- Quick alignment to machine table through longitudinal slot provided in both the swivel base and vise body.
- Crank handle is made up of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.

Also available in High quality FCD 60 vise body



E Swivel



F Swivel

Jaw Width Opening		All dimensions in mm								
A	B	C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs) Fixed	Weight (Kgs) Swivel
50	50	25	210	55	80	85	97	16	2	3.5
75	75	35	280	70	100	128	144	16	6	9
100	100	40	340	90	125	157	168	16	12	16
125	125	50	410	105	140	195	206	20	21	27
150	150	50	470	110	150	240	250	20	30	40
200	200	60	610	120	165	300	318	20	55	73
250	250	75	770	140	190	350	372	20	105	132
300	300	75	830	140	190	416	452	20	140	175

CODE U309

UNIQUE SUPER MILLING VISE

BRIDGE PORT TYPE

WITH OPTIONAL SWIVEL BASE



Fixed Base



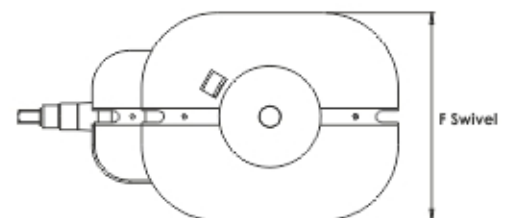
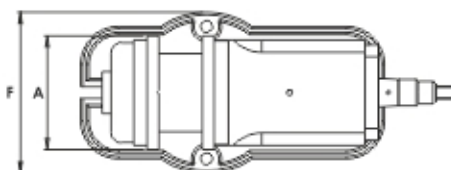
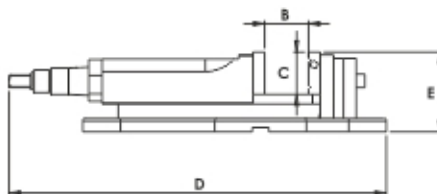
Swivel Base

FEATURES

- Both the vise body and the swivel base have water channels, for more controlled flow of the coolant.
- Vise body is made from high strength fine-grain cast iron for toughness and rigidity. Is it fine grain or close-grain.
- Jaws are made of special steel, which are hardened and ground.
- Fixed jaw is provided with vertical and horizontal 'V' groove to hold round jobs perfectly.
- Best suited for a conventional milling machine.
- Increased depth of jaws so as to hold heavy work pieces.
- Fitted with thrust bearing for smooth movement and less fatigue.
- Fine acme thread screw.
- Quick alignment to machine table through longitudinal slot provided in both the swivel base and vise body.
- Crank handle is made of FCD 60 Material and consists of a spring loaded ball mechanism to provide a positive grip.



E Swivel



F Swivel

Jaw Width	Opening	All dimensions in mm								
A	B	C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs.) Fixed	Weight (Kgs.) Swivel
100	100	45	344	90	120	165	208	16	13	17
125	125	50	400	100	130	192	250	20	20	30
150	150	55	470	110	140	220	270	20	29	38
200	200	65	610	120	160	275	310	20	52	66



CODE U3210

UNIQUE HEAVY DUTY PRECISION MACHINE VISE WITH OPTIONAL SWIVEL BASE



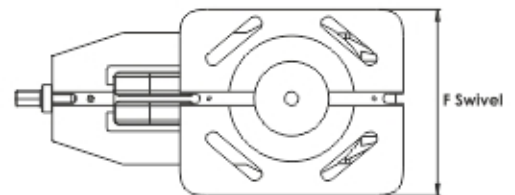
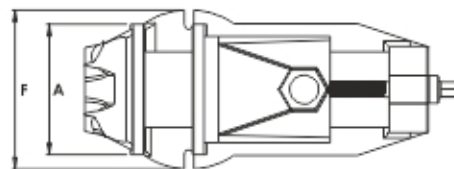
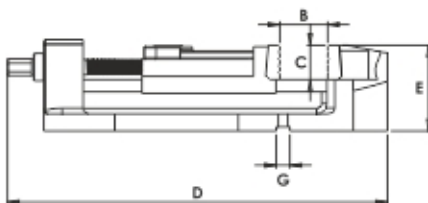
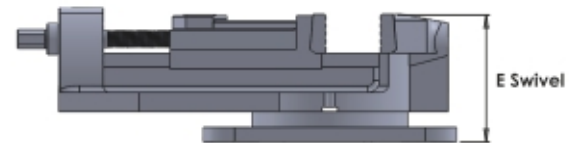
Fixed Base



Swivel Base

FEATURES

- High quality FCD 60 vise body, with flame hardened guideways for better wear resistance.
- Built for heavy duty machining while retaining accuracy.
- Both Jaw plates are in pull down angle, which ensures Anti- Lift Clamping of the workpiece.
- Better, and tougher clamping as the spindle is more closer to the workpiece than in other milling vises.
- Accuracy in squareness is well within $\pm 0.02 \text{ mm} / 100\text{mm}$.
- Jaw plates are made of hardened and grounded tool steel.



Jaw Width Opening									All dimensions in mm		
A	B	C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs.) Fixed	Weight (Kgs.) Swivel	Clamping Pressure (KGF)
165	150	56	550	135	175	230	270	20	43	54	2500

CODE U348 N

UNIQUE PRECISION MILLING MACHINE VISE

J & S TYPE (ENGLAND)

WITH OPTIONAL SWIVEL BASE



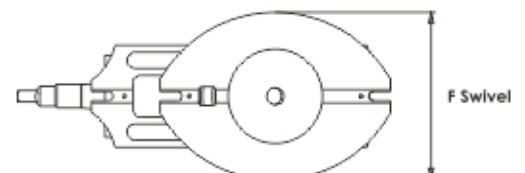
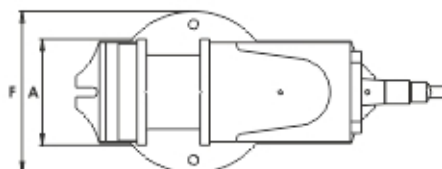
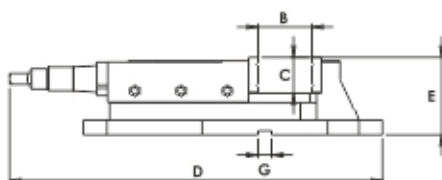
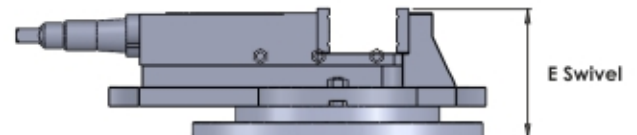
Fixed Base



Swivel Base

FEATURES

- Fitted with thrust bearing for smooth movement and less fatigue.
- Vise body is made from high strength graded cast iron for toughness and rigidity.
- Fine acme thread lead screw.
- Moving Jaw run in long Prismatic slides with provision for wear adjustment.
- Jaws are made of special steel, which are hardened and ground.
- Fixed jaw is provided with vertical and horizontal 'V' grooves to hold round jobs perfectly.
- Vise can be converted from swivel base to fixed base by removing the swivel base.
- Quick alignment to machine table through longitudinal slot provided in both the swivel base and vise body.
- Crank handle is made up of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.



Jaw Width Opening		All dimensions in mm								
A	B	C	D	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	G	Weight (Kgs) Fixed	Weight (Kgs) Swivel
100	100	40	340	90	120	152	176	16	13	17
150	150	50	490	110	150	248	289	20	35	47
200	200	58	670	130	180	300	332	20	63	84



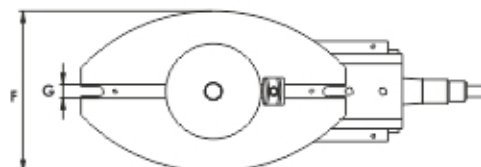
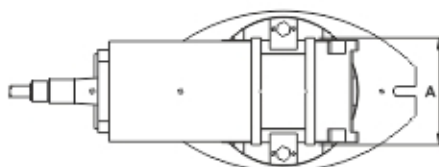
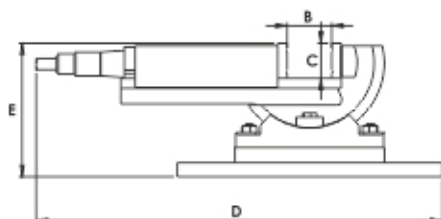
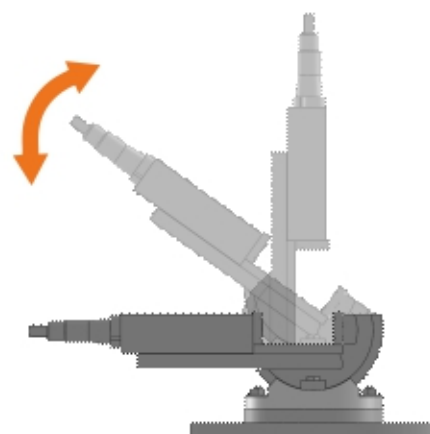
CODE U312 UNIQUE TILTING & SWIVELLING VISE



FEATURES

- Horizontal swivel movement 360 degree.
- Vertical swivel movement of 90° in the A rotational axis.
- Positive locking to withstand heavy loads.
- Fitted with thrust bearing for smooth movement and less fatigue.
- High Quality ACME Steel screw.
- Vise body is made from high strength graded cast iron for toughness and rigidity.
- Jaws are made of special steel, which are hardened and precision ground.
- Jaws are provided with one vertical and two horizontal 'V' grooves to hold round jobs rigidly.
- Quick alignment to machine table through longitudinal slot provided in the swivel base.
- Crank handle is made of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.

Also available in High quality FCD 60 vise body



Jaw Width		Opening						All dimensions in mm	
A	B	C	D	E	F	G	Weight (Kgs.)		
50	50	25	210	95	105	16	4		
80	75	38	285	125	140	16	8.5		
100	100	42	370	160	170	16	18		
125	125	50	450	170	228	20	30		
150	150	50	540	195	236	20	44		
200	200	60	640	220	280	20	73		

CODE U349 N

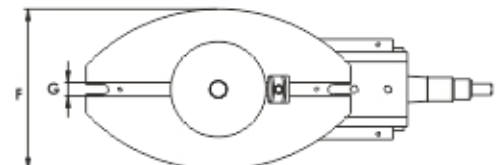
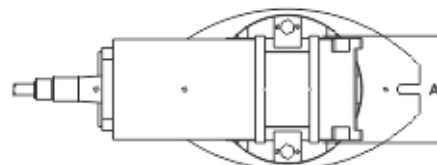
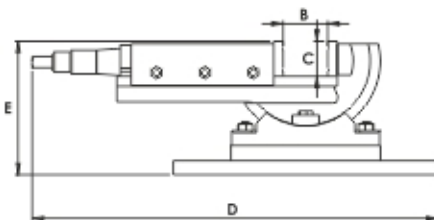
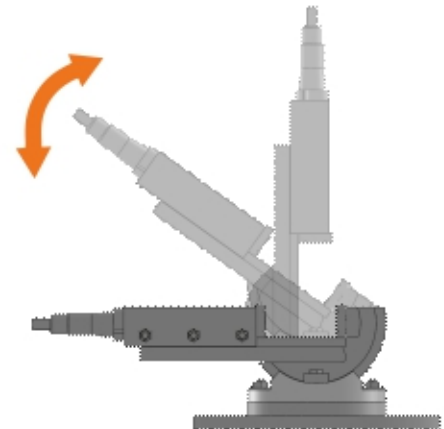
UNIQUE PRECISION TILTING & SWIVELLING VISE

J & S TYPE (ENGLAND)



FEATURES

- Horizontal swivel movement 360 degree.
- Vertical swivel movement of 90° in the A rotational axis.
- Positive locking to withstand heavy loads.
- Fitted with thrust bearing for smooth movement and less fatigue.
- High Quality ACME Steel screw.
- Vise body is made from high strength graded cast iron for toughness and rigidity.
- Jaws are made of special steel, which are hardened and precision ground.
- Jaws are provided with one vertical and two horizontal 'V' grooves to hold round jobs rigidly.
- Quick alignment to machine table through longitudinal slot provided in the swivel base.
- Crank handle is made of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.



Jaw Width		Opening						All dimensions in mm	
A	B	C	D	E	F	G	H	Weight (Kgs.)	
50	50	25	210	95	105	16		4	
80	75	38	285	125	140	16		8.5	
100	100	42	370	160	170	16		18	
125	125	50	450	170	228	20		30	
150	150	50	540	195	236	20		44	
200	200	60	640	220	280	20		73	

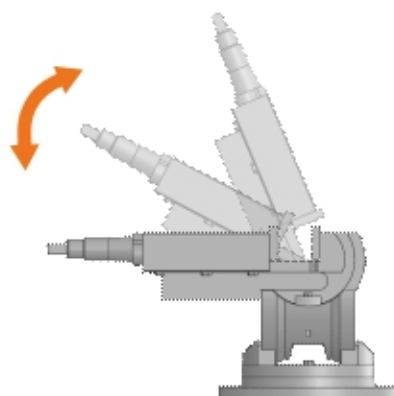


CODE U330

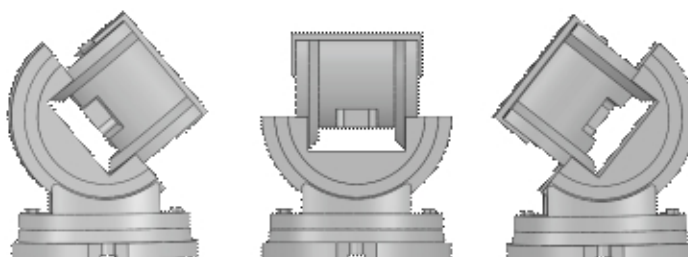
UNIQUE 3 WAY UNIVERSAL TILT & SWIVEL ANGLE VISE

FEATURES

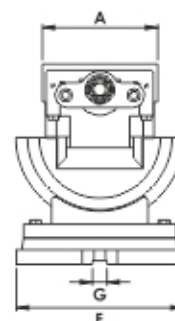
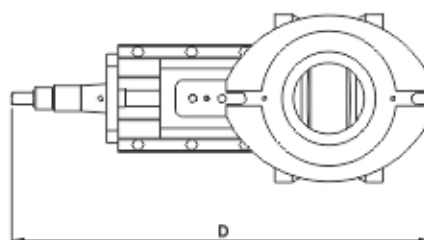
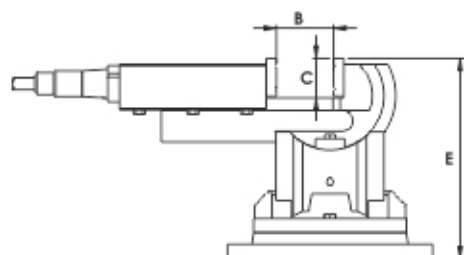
- Vise can be set up at any angle with positive locking.
- Vise body is made from high strength graded cast iron for toughness and rigidity.
- Topmost angled base allows for the workpiece to be held at any angle between and including 0° and 90° in the A axis.
- The middle base can be inclined at any angle between and including positive and negative 45° in the B axis, while being perpendicular to the swivel movement of the topmost base.
- The entire unit can be swivelled on a swivel base, which is fully graduated through 360°.
- Hardened and precision ground jaws with 'V' grooves.
- Quick alignment to machine table through longitudinal slot provided in the swivel base.
- Crank handle is made of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.



A Axis Swivelling Option



B Axis Swivelling Option



Jaw Width Opening		All dimensions in mm					
A	B	C	D	E	F	G	Weight (Kgs.)
50	50	24	210	110	105	12	4
75	75	34	275	167	140	12	11
100	100	42	420	220	235	20	34
150	150	55	570	290	280	20	62

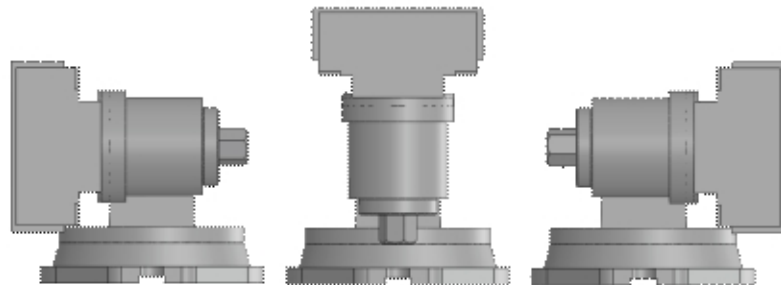
CODE U313

UNIQUE UNIVERSAL MACHINE VISE

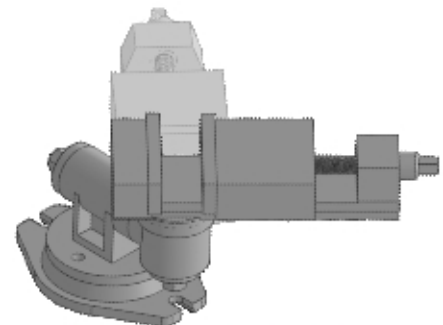
FCD 60 BODY

FEATURES

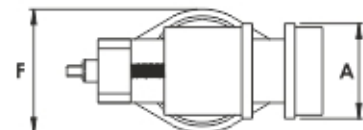
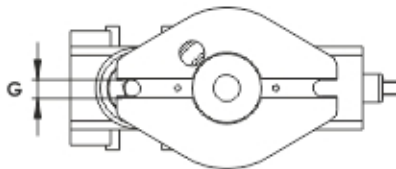
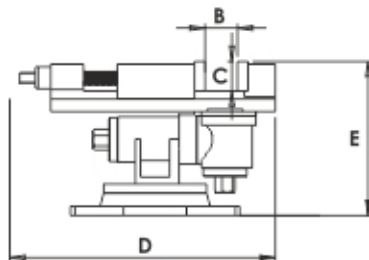
- All swivel movements have positive locking and the job can be locked at any compound angle
- Accurately ground jaws made out of special steel for firm grip.
- High quality FCD 60 vise body.
- Vise bed can be rotated to any angle between -90° & $+90^\circ$ in the B axis.
- The top vise bed can be rotated to any angle between 0° & 360° in the C axis.
- Quick alignment to machine table through longitudinal slots provided in the swivel base.
- Swivel base is fully graduated through 360° .
- Crank handle is made of unbreakable steel and consists of a spring loaded ball mechanism to provide a positive grip during operations.
- Designed for use on Surface, universal tool and cutter grinding machines.



B Axis Swivelling Option



C Axis Swivelling Option



Jaw Width Opening		All dimensions in mm					
A	B	C	D	E	F	G	Weight (Kgs.)
50	50	25	168	140	104	12	4.3
75	75	30	240	190	145	12	12
100	65	32	345	175	135	16	12
150	115	40	395	225	220	16	25



CODE U311

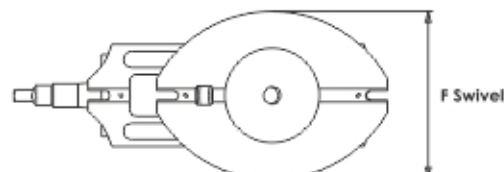
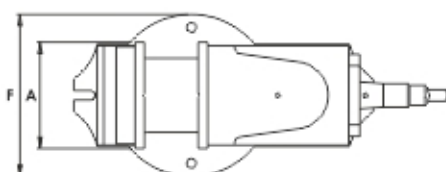
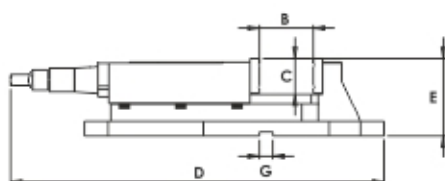
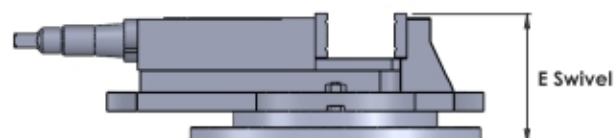
UNIQUE SHAPER VISE

WITH OPTIONAL SWIVEL BASE



FEATURES

- Heavy duty shaper vise sturdy constructed from close grain casting for use on shaper machines, planners & other heavy duty machines permitting wider application for taller work pieces.
- It is designed to permit large clamping ranges, to hold heavy & taller jobs.
- High tensile steel, Square thread screw.
- The jaws are made of special steels. These are precisely ground & serrated to ensure firm grips on heavy jobs.
- Swivel base is indexed to 360°, when required to use as stationary vise, the base can be removed.
- Crank Handle is made of unbreakable steel, provided with a spring loaded mechanism providing positive grip.



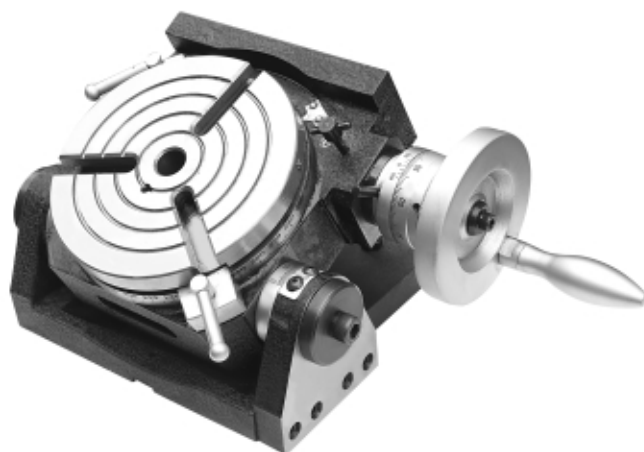
Jaw Width Opening		All dimensions in mm								
A	B	C	D (Fixed)	D (Swivel)	E (Fixed)	E (Swivel)	F (Fixed)	F (Swivel)	Weight (Kgs.) Fixed	Weight (Kgs.) Swivel
150	200	50	475	530	200	220	120	155	25	32
200	250	60	635	700	280	290	130	170	47	64
250	300	75	710	770	320	320	160	200	79	105
300	360	75	800	860	360	380	165	200	102	145
400	400	75	850	910	460	480	190	225	145	200

CODE U353
UNIQUE PRECISION ROTARY
MILLING TABLE HORIZONTAL
& VERTICAL



U353

CODE U354
UNIQUE PRECISION TILTING
ROTARY MILLING TABLE



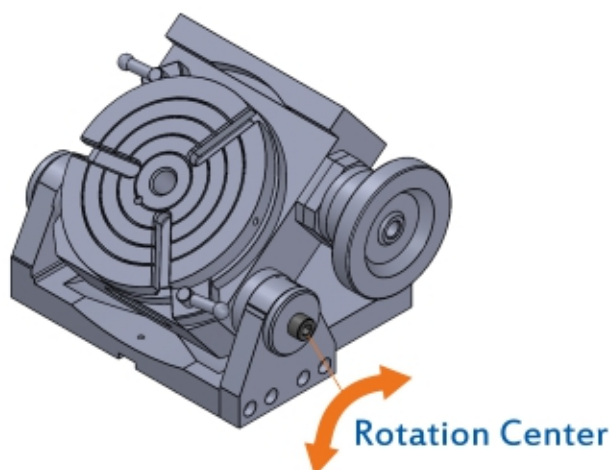
U354

FEATURES

- The table & body manufactured from graded cast iron.
- The body is provided with two bolt slots for mounting on machine table vertically & horizontally.
- Worm drive can be quickly dis-engaged for rapid indexing.
- Stable rotational lock provided.
- End play in worm shaft is adjustable.
- An eccentric sleeve with thrust Bearing races in the worm shaft.
- Provision for fine zero adjustment when setting work piece.
- Works as an index center in the vertical position as well as conventional Rotary Table in horizontal position.
- Indexing Plates are provided for accurate & faster setting.
- Worm is hardened & ground. Worm & gear ratio is 90:1.
- The work table is graduated through 360° so that one turn of handle moves the table through 4°.
- These are widely used for circular cutting, angle setting, boring & spot facing with a milling machine.
- Rotary Table can be rotated to any angle between 0° & 90° in Code U 354.

SPECIFICATIONS

SIZE IN INCHES	6	8
Dia. of Table in mm	150	200
Table slot in mm	10	13
Centre Bush Bore	MT No.-2	MT No.-3
Worm & Gear Ratio	1.90	1.90
Calibration	2 Min	2 Min
Overall Height in mm		
Vertical U353	210	265
Horizontal U353	80	110
Vertical U354	210	300
Horizontal U354	130	180
Base to centre U353, U354	100	135
Approx. Weight in kgs.		
Code No. U353	12	25
Code No. U354	19	45
Width Overall U353	210	265
Width Overall U354	180	270





CODE U334, U335, U336 & U337 UNIQUE ROTARY MILLING TABLES



U 336



U 334



U 335



U 337

FEATURES

- The Table & Body manufactured from close grain shock resisting cast iron.
- The body is provided with two bolt slots in Code No. U335 & U337 for mounting on machine table vertically & Horizontally.
- Provided with quick & precise disengagement of worm drive.
- Efficient lock provided.
- End play in wormshaft is adjustable.
- An eccentric sleeve with thrust Bearing races in the worm shaft.
- Provision for fine zero adjustment when setting work piece. Works as an index centre in the vertical position as well as conventional.
- Rotary Table graduated 360° Indexing Plate is provided to enable the user to convert quickly to use indexing plates for fast setting.
- Direct reading to 2 minutes for size 6", 8" & 10" on hand wheel scale.
- Direct reading to 1 minute for size 12", 15", 18", 20" & 24" in hand wheel scale.
- High accuracy, easy reading of all dials, clear & functional arrangement of all operating elements sturdy yet simple good looking practical design. These are widely used for circular cutting, angle setting, boring & spot facing with a milling machine.

SPECIFICATIONS

SIZE IN INCHES	4	6	8	10	12	15	18	20	24
Dia. of Table in mm	100	150	200	250	300	375	450	500	600
Table slot in mm	8	9	12	12	16	16	20	20	20
Centre Bush Bore	MT No.-1	MT No.-2	MT No.-3	MT No.-3	MT No.-3	MT No.-3	MT No.-4	MT No.-4	MT No.-4
Worm & Gear Ratio	1.72	1.72	1.72	1.72	1.120	1:120	1:120	1:120	1:120
Calibration	2 Min	2 Min	2 Min	2 Min	1:Min	1:Min.	1:Min.	1:Min.	1:Min.
Overall Height in mm									
Vertical U335 & U337	153	250	290	360	430	540	620	670	720
Horizontal U334 & U336	-	100	100	110	135	135	170	172	-
Base to centre U335- U337	84	130	155	175	215	270	305	335	360
No. of indexing Holes	-	19, 27, 30, 33, 41, 47	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61	19, 27, 30, 33, 41, 47, 53, 61
Approx. weight in kgs.									
Code No. U334	-	17	26	38	68	100	195	212	-
Code No. U336	-	19	28	40	71	104	197	210	-
Code No. U335	5	18	27	40	73	111	210	230	250
Code No. U337	5.6	20	29	42	76	114	212	232	252
Width Overall U334,336	155	255	290	375	420	545	600	600	-
Width Overall U335,337	64	100	104	110	135	140	170	170	180

ACCURACY :-

- Maximum error of 2 minutes when hand wheels are used.
- Table flat to within $\pm 0.005\text{mm}/100\text{mm}$.
- Working surface rotates in its own plain to within $\pm 0.01\text{mm}$.
- Horizontal & vertical supporting surface square within $\pm 0.01\text{mm}/100\text{mm}$.
- Center bush bore is true to table axis within $\pm 0.008\text{mm}$.
- Maximum parallelism error through 360° rotation of table is 0.01mm.

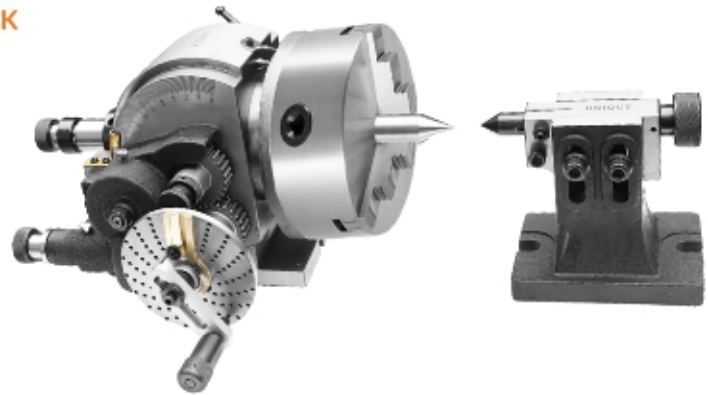
CODE U352

UNIQUE UNIVERSAL DIVIDING HEAD

FITTED WITH 150 / 200 MM **SELF CENTERING CHUCK**

FEATURES

- Universal Dividing Head can divide in any angle.
- The ratio between the worm and the worm gear is 40:1
- Hardened and ground spindle is rigidly held in taper roller bearing. Worm is hardened and ground too.
- The swivel head can be locked to any angle from 10° below horizontal to 90° vertical.
- Indexing plates are provided.



MULTIPLE SETUP OPTIONS



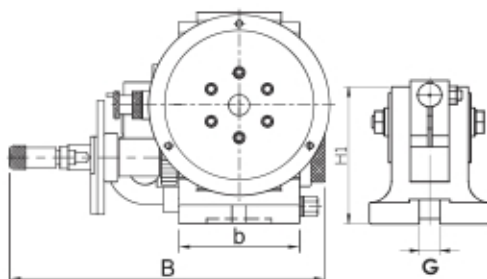
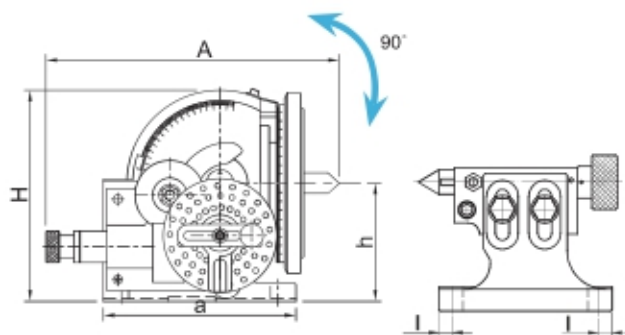
0° Clamping



45° Clamping



90° Clamping

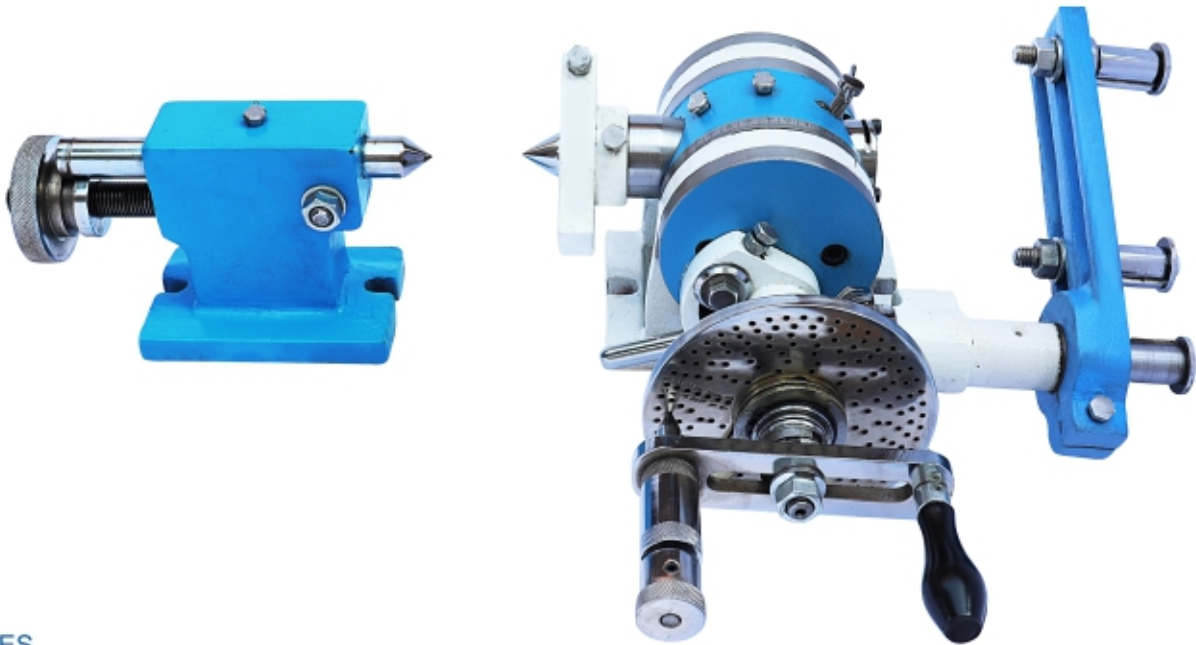


Accessories

SIZE IN MM	150	200
A	359	359
B	340	340
H	235	235
I	20	20
a	212	212
b	135	135
g	16	16
h	134	134
Taper of Center	MT-4	MT-4
Spindle Through Hole	25	25



CODE U351 UNIQUE DIVIDING HEAD



FEATURES

- Unique Dividing heads are carefully designed for tool Rooms as well as for production purposes.
- They are suitable for indirect and differential indexing as well as for spiral and cam milling operations on universal milling machine.
- Unique dividing heads are manufactured from Selected high quality material with Superior workmanship.

TECHNICAL SPECIFICATIONS

SIZE IN INCHES	4.1/2	5.1/2	6.1/2	7-1/2
Gear worm ratio	1:40	1:40	1:40	1:40
Centre height in mm	115 mm	142 mm	165 mm	190mm
Spindle Bore in mm	20 mm	32 mm	38 mm	50mm
Spindle Taper	9°	9°	9°	9°
Overall height Vertical position in mm	180	230	260	290
Length of base in mm	180	230	260	270
Width of base in mm	115	150	170	180
Weight in kgs.	40	65	92	98



INDEXING PLATES

	4.1/2", 5-1/2"	6.1/2", 7-1/2"
SIDE A	11,16,19,25,37,41,49	7,13,16,19,20,23,27,31,33,39,47,53
SIDE B	13,17,18,27,33,43,51	9,11,15,17,18,21,25,29,37,41,49,51
SET OF GEARS	24,24,28,32,36,40,44 48,56,64,72,86,100 teeth D.P 14	24,24,28,32,36,40,44 48,56,64,72,86,100 teeth D.P 12

CODE U1335

INDEXING MILLING FIXTURE HORIZONTAL & VERTICAL

WITH CHUCK
WITH OPTIONAL TAIL STOCK



TAIL STOCK



DESCRIPTION

- Entire range of horizontal, vertical indexed milling operations can be done with our range of products.
- Faster clamping & rapid indexing is possible.
- Indexing Fixture models offers the combined features of U352 Dividing head & U354 Rotary Table.
- Movable Parts are hardened & Ground for better wear resistance
- Can be used on surface grinding also.
- Combination of ball bearings and taper roller bearings provide accurate & easy rotation.
- Tail Stock is featured with lead screw for fine tuning the center for long jobs.
- 24 rapid indexing positions are provided.
- Provided with a graduated collar with 1° least count which facilitates odd degree indexing.
- More economical pricing than conventional dividing head or rotary table.

Technical Specifications

All dimensions in mm

Sr. No.	Model No.	Length (mm)	Width (mm)	Height (mm)	Std. Indexing Positions	Weight (kg)	Center Height	Chuck Details	Indexing Accuracy
1	IMF H/V 080	200	110	185	24	24	85	With 80 mm 3 jaws chuck	0.03mm/ 15 s
2	IMF H/V 100	200	110	185	24	25	85	With 100 mm 3 jaws chuck	0.03mm/ 15 s
3	IMF H/V 125	200	110	185	24	30	85	With 125 mm 3 jaws chuck	0.03mm/ 15 s
4	IMF H/V 160	225	140	240	24	45	120	With 160 mm 3 jaws chuck	0.03mm/ 15 s
5	IMF H/V 200	225	140	240	24	50	140	With 200 mm 3 jaws chuck	0.03mm/ 15 s



CODE U1333

UNIQUE TILTING INDEXING DEVICE

FEATURES

- Offers the same features as U1335 Indexing & Milling Fixture.
- The working surface can be rotated between 0° & 90° in the A axis.
- Offers the combined features of U352 Dividing head & U354 Rotary Table at a more economical price.

SIZE IN INCHES	4	8
Diameter Chuck (in mm)	100	200
Length (in mm)	250	300
Width (in mm)	220	280
Height (in mm)	190	170
Swivel	360°	360°
Tilting	90°	90°
Slots Distance (in mm)	170	275
Weight (Approx) in Kgs.	16	62



CODE No. U332

UNIQUE TILTING TABLE

FEATURES

- This sturdy built tilting table has machined T-Slots.
- Table can be set at any angle.
- Calibration 0-90° inclinable 45°.
- Built to accept accessories and work piece larger than the plate.

SPECIFICATIONS

SIZE IN INCHES	5x7	7x10	10x15
Size of table in mm	125x175	175x250	250x380
Size of T-Slots	12	12	12
Overall height in mm	95	125	155
Calibration	0-90°	0-90°	0-90°
Weight (Approx) in kgs.	8	17	37



U332

CODE No. U333

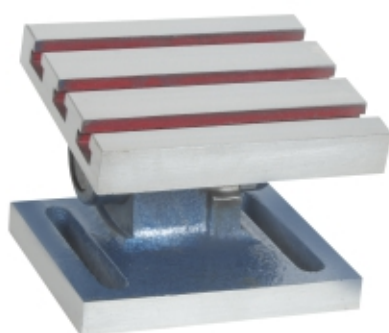
UNIQUE SWIVEL ANGLE TABLE

FEATURES

- Made of graded cast iron.
- Table is adjustable to any angle from 0 to 90°.
- Machined T-Slots for mounting the job.
- Angle scale is calibrated in 1°.

SPECIFICATIONS

SIZE IN INCHES	5x6	6x8	8x10	10x12	12x15
Size of table in mm	125x150	150x200	200x250	250x300	300x375
Height overall in mm	110	130	165	210	230
T-Slot size in mm	13	13	13	16	16
Weight (Approx) in kgs.	6.50	11.50	21	42	70



U333

CODE NO. U 1332

UNIQUE PRECISION UNIVERSAL TILTING TABLE

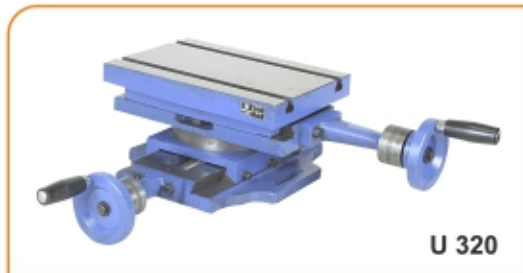
SPECIFICATIONS

SIZE IN INCHES	4x5	6x8	8x10
Size of table in mm	100x125	150x200	200x250
Size of T-Slots	8	10	12
Overall height in mm	120	155	185
Calibration	0-90°	0-90°	0-90°
Weight (Approx) in kgs.	5	15	28

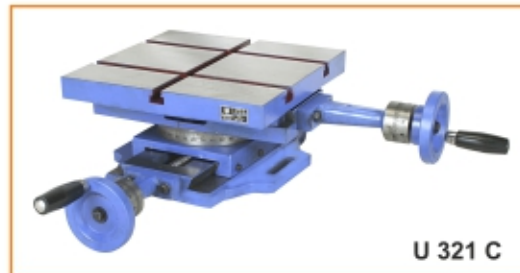


U1332

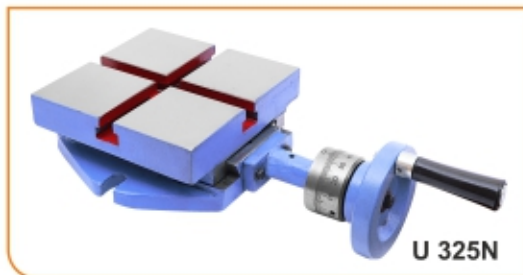
CODE U320, U321, U321C & U325N UNIQUE COMPOUND SLIDING TABLES WITH CALIBRATED WHEEL & SWIVELLING TABLE



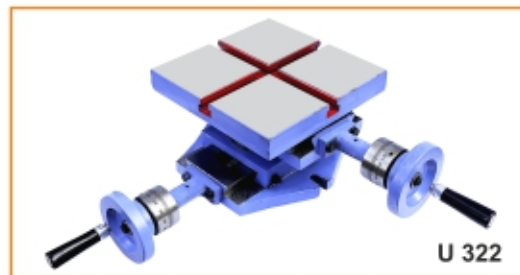
U 320



U 321 C



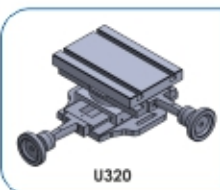
U 325N



U 322



U 319



U320



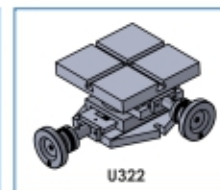
U321 C



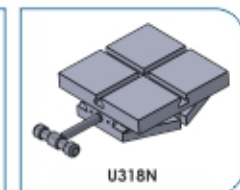
U321



U325 N



U322



U318N

FEATURES

- Unique Precision Sliding Tables are meant for accurate boring, drilling grinding and milling operations.
- High strength graded iron casting properly machined and precision grinded well within 0.01mm/100mm tolerance.
- Works on a toughened lead screw with acme threads running smoothly in phosphorus Bronze Nut.
- Dovetail slides have adjustable steel ribs for smooth running and adjustment.

TECHNICAL SPECIFICATIONS

All dimensions in mm

Code No.	U320		U321C		U321	U325N	U325N
SIZE IN INCHES	12x8	12x6	12x12	16x16	12x20	6x6	8x8
Table Size in mm	300x200	300x150	300x300	400x400	300x500	150x150	200x200
Height in mm	150	150	150	170	165	60	65
Length Overall in mm	460	460	460	620	680	260	295
T. Slot Size in mm	13	13	13	16	16	13	13
Travel Bothways in mm	225	225	225	300	430, 310	105	125
Width of Jaws in mm	-	-	-	-	-	One way	One way
Depth of Jaws in mm	-	-	-	-	-	-	-
Calibration	90°	90°	90°	90°	90°	-	-
Wheels graduation	0.05	0.05	0.05	0.025	0.025	0.025	0.025
Weight Approx. in kgs	40	36	44	80	103	8	12

CODE NO. U 319

UNIQUE VERTICLE SLIDING TABLE

SPECIFICATIONS

SIZE IN INCHES	7x10
Table Size in mm	175x250
Height in mm	270
Length Overall in mm	465
T. Slot Size in mm	13
Sliding Travel	180
Swivel Graduation	180°
Wheels graduation in inches	0.002
Weight Approx. in kgs	23.5



CODE U301

UNIQUE MECHANIC'S BENCH VICE WITH OPTIONAL SWIVEL BASE



Fixed Base



Swivel Base

FEATURES

- Unique Mechanic's Bench Vices is made of closed grain cast iron.
- Provided with unbreakable steel nut.
- Serrated Jaws of special steel properly tempered to ensure a strong grip and are interchangeable.
- Square thread lead screw of alloy steel is matched properly with nut for long and durable life.
- Swivel Base rotates 360° and can be locked firmly at any point

SPECIFICATIONS

Number	00	0	1	2	3	4	5	6	8	10	12
SIZE IN INCHES	2 1/4	2 1/2	3	3 1/2	4	4 1/2	5	6	8	10	12
Width of jaws in mm	60	65	75	85	100	115	125	150	200	250	300
Opening of jaws in mm	60	65	80	110	110	130	160	170	240	290	340
Depth of jaws in mm	45	48	60	62	70	76	82	92	110	125	144
Height Overall	95	102	125	140	155	170	185	225	235	285	300
Width Overall	100	100	110	136	158	165	170	175	220	250	300
Length Overall	205	205	250	295	350	375	450	470	535	675	760
Weight Approx. U301 in kgs.	2.8	2.8	5	8	13	14.5	18	23.5	38	71	83
Weight Approx. in kgs. U301S	3.6	3.6	6	9.5	15	16.5	21	27	44	76	88

CODE U301R STEEL
UNIQUE ENGINEER'S BENCH VICE
 WITH OPTIONAL SWIVEL BASE

High quality FCD 60 vise body



Fixed Base



Swivel Base

FEATURES

- Body made of Ductile Iron (Unbreakable Steel Body)
- Unbreakable steel nut is provided.
- Jaws of special carbon steel properly heat treated grinded and Serrated to ensure a fast non slip grip.
- Spindle screw is fine pitched made of alloy steel.
- Swivel base rotates 360° and can be fixed at any position.

SPECIFICATIONS

SIZE IN INCHES	3	4	4-1/2	5	6	8	10	12	16	18
Width of jaws in mm	75	100	115	125	150	200	250	300	400	450
Opening of jaws in mm	90	125	120	145	155	205	275	305	420	470
Depth of jaws in mm	50	55	68	70	80	100	110	110	140	140
Length overall in mm	260	340	370	400	445	550	615	670	825	850
Height overall in mm	115	135	155	165	180	215	250	255	290	290
Width overall in mm	100	130	145	150	165	190	250	300	400	450
Weight (Approx) in kgs Fixed	4	8.5	10.5	13	18	28	41	50	75	80
Weight (Approx) in kgs. Swivel	5	10	12	15	20	29.5	-	-	-	-



CODE No. U308

UNIQUE SUPER HEAVY DUTY BENCH VICE WITH OPTIONAL SWIVEL BASE DOUBLE RIB

FEATURES

- Heavy Duty design, Built to withstand heavier loads.
- Screw is fine pitched out of selected steel.
- Nut properly machined for extra tough grip.

SPECIFICATIONS

Number	1	2	3	4	5	6	8
SIZE IN INCHES	3"	3 1/2"	4"	4 1/2"	5"	6"	8"
Width of jaws in mm	80	90	100	115	130	150	200
Opening of jaws in mm	90	102	140	160	180	212	235
Depth of jaws in mm	58	66	70	82	92	92	112
Height Overall	140	150	165	180	195	218	260
Width Overall	130	150	170	175	185	210	218
Length Overall	280	325	375	435	455	500	575
Weight Approx. U308 in kgs.	7.7	10.5	15.5	19.3	21.5	28.5	46
Weight Approx. in kgs. U308S	8.7	12	17	22.3	24.5	33	52.5



Fixed Base

Swivel Base



CODE NO. U 1301

UNIQUE MACHINIST'S BENCH VICE IS-2586-1986

AVAILABLE IN BOTH BRONZE & FORGED NUT

FEATURES

- Unique Mechanic's Bench Vices is made of closed grain cast iron.
- Provided with unbreakable steel nut.
- Serrated Jaws of special steel properly tempered to ensure a strong grip and are interchangeable.
- Square thread lead screw of alloy steel is matched properly with nut for long and durable life.

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6
Width of jaws in mm	75	100	125	150
Opening of jaws in mm	110	140	170	205
Depth of jaws in mm	65	80	85	90
Weight	7	15	20	25

CODE NO. U327

BENCHVICE (QUICK ACTION)

FEATURES

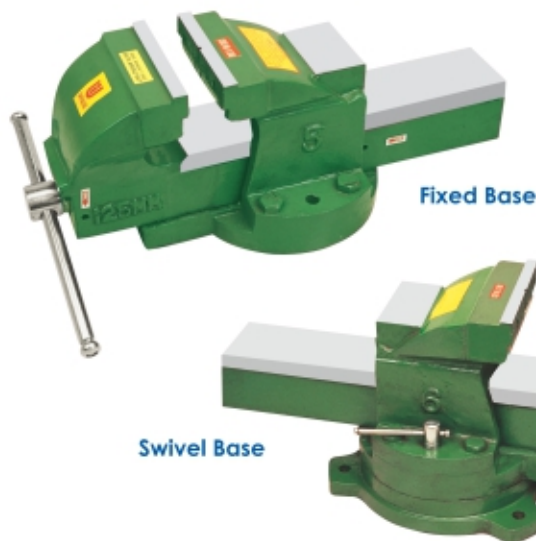
- These vises are equipped with quick grip mechanism which provide instant opening or closing of the jaws when trigger is pressed.
- Conventional normal screw action may be used when desired.
- Twin guide slide, for better movement.
- High quality steel fine pitch screw moves in steel nut.

SPECIFICATIONS

SIZE IN INCHES	4	4 1/2	5	6
Width of jaws in mm	100	115	125	150
Opening of jaws in mm	150	165	170	230
Depth of jaws in mm	64	65	85	90
Height Overall	190	195	215	220
Width Overall	170	180	190	230
Length Overall	435	445	520	550
Weight (App. in kgs.)	18	21	25.5	31.5



IS-2586-1986



CODE No. U300
UNIQUE TOOL MAKER'S VICE
 WITH BRONZE NUT
 WITH OPTIONAL SWIVEL BASE

FEATURES

This Precision vice is made of two pieces and can be rematched at any time.

SPECIFICATIONS

SIZE IN INCHES	3"	3 1/2"	4"	5"	6"	8"
Width of jaws in mm	80	90	100	125	150	200
Opening of jaws in mm	85	100	120	190	210	235
Depth of jaws in mm	55	60	75	85	95	110
Weight Approx U300	5.3	9.5	16	21	28.5	45
.Weight Approx.U300S		11.6	19.0	25	34	51

CODE NO. U316
BENCHVICE (GERMAN TYPE)

FEATURES

- It is a rear jaw sliding bench vice.
- Hardened and ground jaws.
- High tensile steel forging screw and nut.
- Nut and screw matched with same degree of threads for longer life.
- All parts are interchangeable and available as spares.
- It is an ideal vice for tool room & automobile industry.

SPECIFICATIONS

SIZE IN INCHES	4	5	6
Width of Jaws	100	125	150
Opening of Jaws	120	145	175
Depth of Jaws	80	90	80
Height Overall	150	175	190
Width Overall	140	155	170
Length Overall	340	360	475
Weight (App. in Kg.)	17	20.5	36



Also available in High quality FCD 60 vise body

CODE NO. U338N
UNIQUE ALL STEEL BENCH VICE
 WITH OPTIONAL SWIVEL BASE

FEATURES

These Vices are fabricated from special steel for mounting on work table, for general workshop use.

Body: Is fabricated of hot rolled steel welded carefully.

Nut & spindle: Spindle made of tested steel moving between two steel nuts for perfect alignment & smooth running.

Jaws: Serrated Jaws, made of carbon steel, properly heat treated to ensure firm non slip grip.

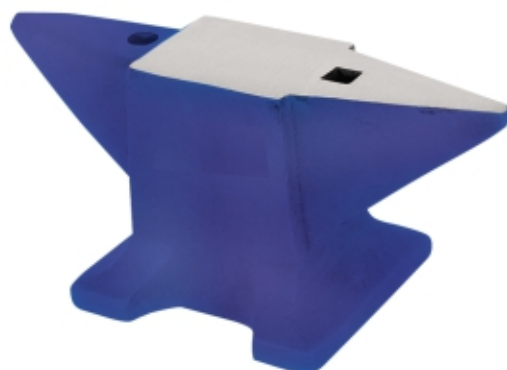
Swivel Base: Rotates fully 360° & can be locked firmly at any point by tightening two screws.

SPECIFICATIONS

All the dimensions are in millimeters

Nominal Size	75	100	125	150	200
Width of jaws	80	100	125	150	200
Opening Jaws	80	100	125	150	200
Depth of jaws in mm	55	60	80	80	80
Overall Height	100	110	130	140	155
Overall Width	105	120	140	150	200
Overall Length	240	285	330	360	410
Weight Approx. Fixed Base	3.5	5	9	11	14
Weight Approx. Swivel Base	4.2	6	10	12.5	16





CODE NO. U 365

ANVIL - CAST IRON

Made from Graded Cast Iron

SIZE IN KGS.	5	10	15	20	25	30	35	50	75	100	150
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CODE NO. U 365 Steel

ANVIL - CAST IRON WITH STEEL PLATE

SIZE IN KGS.	25	50	75	100	150
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CODE No. U302, U302N, U302NS, U307D UNIQUE BABY VICE

FEATURES

- Unique compact vices are made of grey iron casting. Mainly used for metal and wood working

SPECIFICATIONS U302

SIZE IN INCHES	1	1½	2	2½	3	4
Width of jaws in mm	25	35	50	65	75	100

SPECIFICATIONS U307 D

SIZE IN INCHES	1	1½	2	2½	3	4
Width of jaws in mm	25	35	50	65	75	100

SPECIFICATIONS U302N & U302NS

SIZE IN INCHES	1¼	15/8	2	23/8	3
Width of jaws in mm	30	40	50	60	75



U307 D



U302



U302 NS



U302 N



CODE NO. U1300

UNIQUE MULTIPURPOSE VICE

SPECIFICATIONS

SIZE IN INCHES	4	5	6
Width of jaws in mm	100	140	165
Opening of jaws in mm	100	130	145
Depth of jaws in mm	80	80	80
Height Overall	210	235	245
Width Overall	200	195	215
Length Overall	400	445	465
Weight Approx. U1300 in kgs.	15.5	18	22



U303N

U303

CODE NO. U303 & U303N

UNIQUE PIPE VICE OPEN TYPE

FEATURES

- Code No U303N is S.G. Iron guaranteed unbreakable steel body.
- Code No. U303 Heavy duty cast iron tough construction.
- Ideal vice for plumbers.
- Spindle screw of quality steel for long life.
- Replaceable jaw is provided.

SPECIFICATIONS

SIZE IN INCHES	1 1/4	2	3	4	6	8	10	12
Pipe holding capacity in mm	30	50	75	100	150	200	250	300
Weight (Approx) in kgs. U303.	4.500	8	16.000	19.700	43	93	155	200
Weight (Approx) in kgs. U303N	-	6.500	12.000	14.5	-	-	-	-

CODE NO. U304 P.T. (Changeable jaws)

UNIQUE PIPE VICE PILLAR TYPE

CODE NO. U304 R.P.

UNIQUE PIPE VICE ROUND PILLAR

FEATURES

- Pipe vice provided with steel pillars & replaceable steel jaws.

SPECIFICATIONS

SIZE IN INCHES	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	6
Pipe holding capacity in mm	38	50	64	75	88	100	115	150
Weight (Approx) in kgs. P.T.	2.100	3.900	-	5.000	-	7.5	-	14.5
Weight (Approx) in kgs. R.P.	4.800	5.200	-	12	-	-	-	17.5
Weight (Approx) in kgs. H.V.	2.300	3.700	5.700	-	7.800	-	11.900	26



U304 RP



U304



U304 PT

Code No. U 373

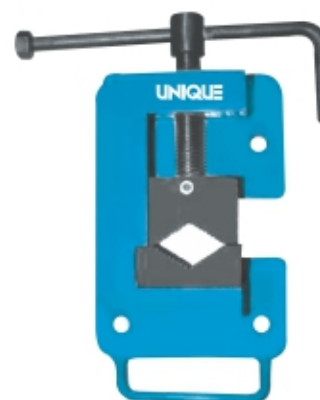
UNIQUE FABRICATED STEEL PIPE VICE (OPEN TYPE)



SIZE IN INCHES	2	3	4
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Code No. U 374

UNIQUE CLAMP VICE FOR (HAND PUMP) M.S. STEEL BODY



SIZE IN INCHES	2	3
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CODE NO. U342

UNIQUE CHAIN PIPE VICE

FEATURES

- Chains are of high tensile steel.
- Used for power-full grip.

SPECIFICATIONS

SIZE IN INCHES	2	3	4	6	8
Pipe holding capacity in mm	50	75	100	150	200
Weight (Approx) in kgs.	1,500	2,500	3.5	7	11



CODE NO. U340

UNIQUE HAND VICE STEEL

FEATURES

- Hand vice for light jobs.
- Ideal for watch makers.

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6	8
Length overall in mm	80	100	130	155	210

CODE No. U329

UNIQUE PRECISION MACHINE VICE SWIVEL BASE

FEATURES

- High quality FCD 60 vise body.
- Unique design for high accuracy.
- Minimum vibration.
- Low height with rigidity.

SPECIFICATIONS

SIZE IN INCHES	4	6
Width of jaws in mm	100	150
Opening of jaws in mm	65	115
Depth of jaws in mm	30	40
Height overall in mm	112	144
Width Overall	112	150
Length Overall	310	460
Weight (Approx) in kgs.	7	20
Tenon Slot in mm	16	16



CODE No. U331

UNIQUE MILLING VICE TWO PIECE ADJUSTABLE

FEATURES

- Full length of the machine bed can be used.
- Hardened and ground jaws.
- Body made of graded casting.

SPECIFICATIONS

SIZE IN INCHES	6	8
Width of jaws in mm	150	200
Height of Jaws	73	80
Width Overall	180	245
Length overall in mm	330	340
Tenon slot in mm	17	20
Clamp Travel in mm	15	15
Weight (Approx) in kgs.	14	18.5

Code No. U 343

UNIQUE SELF CENTERING SHAFT VICE

(FITTED WITH BALL BEARINGS)

High quality FCD 60 vise body

SIZE IN MM	80	150
Width of jaws in mm	105	170
Holding Capacity	20-80	90-150
Reversible Jaws Capacity	10-28	50-90
Height Overall	175	145
Width Overall	210	275
Length Overall	290	430
Weight (App. Kg.)	26	62



Code No. U 314

UNIQUE SELF CENTERING VICE

WITH OPTIONAL SWIVEL BASE

FEATURES

- Body made out of special graded casting.
- Hardened Steel Jaws provided "v" grooves for round Jobs both Horizontally & Vertically.
- Special Steel Screw is provided for long life.
- Swivel Base to rotate 360° is provided in U314S.

SPECIFICATIONS

	U314			U314S		
SIZE IN INCHES	2	3	4	3	4	6
Width of jaws in mm	50	80	100	80	100	150
Opening of jaws in mm	80	110	130	110	140	190
Depth of jaws in mm	30	32	38	30	40	55
Height overall in mm	60	70	80	100	125	150
Width overall in mm	100	150	175	100	130	165
Length overall in mm	230	305	330	300	380	475
Weight (Approx) in kgs.	2.5	6	8.500	5.500	10	21



CODE U1314 S

UNIQUE PRECISION SELF CENTERING VISE

WITH SWIVEL BASE

TECHNICAL SPECIFICATIONS

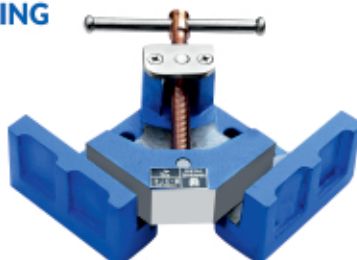
SIZE IN INCHES	4	6
Width of jaws in mm	100	150
Opening of jaws in mm	100	150
Depth of jaws in mm	45	55
Height overall in mm	125	160
Width overall in mm	175	240
Length overall in mm	265	400
Weight (Approx) in kgs.	16	35





Code No. U 376

UNIQUE SELF CENTERING CORNER VICE



SPECIFICATIONS

Size in inches	4
Width of jaws in mm	100
Opening of jaws in mm	100

CODE No. U360

UNIQUE CARPENTER'S T. BAR CRAMPS

FEATURES

- The T section is made of special cold drawn steel with 1½" section.
- Malleable head & slide for heavy duty jobs.
- Acme thread main screw for smooth running.
- The sliding head can be fixed to any hole with the help of a steel pin.



SPECIFICATIONS

SIZE IN INCHES	36	48	60	72	84
Capacity in inches	30	42	54	66	76

CODE NO. U326S

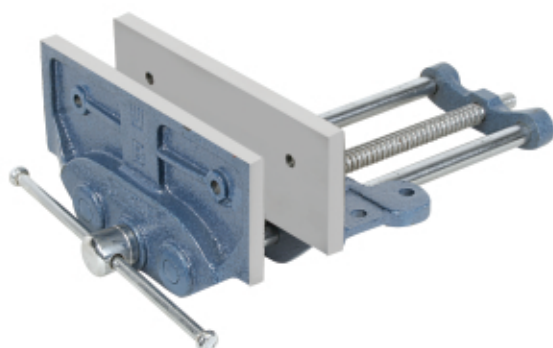
WOOD WORKER'S VICE (RECORD TYPE)

FEATURES

- Ideal for technical institutes.
- Robust construction.
- Popular for do it yourself enthusiast.
- Body of cast iron.
- Spindle screw, sliding rods and handle is of high quality steel.

SPECIFICATIONS

SIZE IN INCHES	6	7	8	9	10	12
Width of jaws in mm	150	175	200	230	250	300
Opening of jaws in mm	150	175	200	230	250	300
Weight (Approx) in kgs.	3.9	4.2	5.4	6.2	8.1	10.5



CODE NO. U339

WOOD WORKING VICE HEAVY DUTY

FEATURES

- Heavy duty full size wood working vice ideal for professionals.
- Robust construction of sliding jaws.
- Grinded sliding bars work accurately in machined housings, giving a smooth sliding movement and straight firm grip.
- Body and sliding jaws have provisions for attaching wooden liners to protect the vice, work piece and working tools.

CODE NO. U339Q R

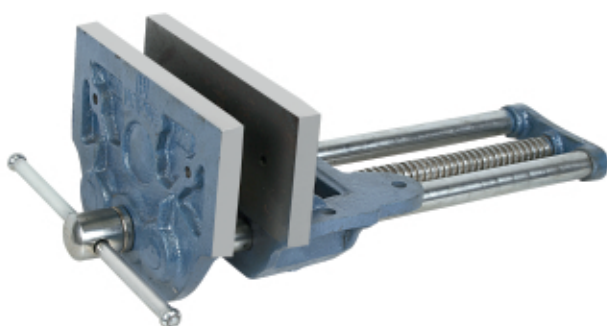
WOOD WORKING VICE QUICK RELEASE

FEATURES

- A unique wood working vice equipped with the quick release mechanism.
- Simply pressing and sliding front jaw freely.
- Normal operation when clutch is not pressed.

SPECIFICATIONS

SIZE IN INCHES	6	7	8	9
Opening of jaws U339 and U339QR	200	230	260	340
Weight (Approx) U339	5.00	8	11.00	13.700
Weight (Approx) U339QR	5.600	9	12	14.500



CODE NO. U 3306 UNIQUE DRILL MACHINE VICE

High quality FCD 60 vise body

FEATURES

- High quality FCD 60 vise body.
- Anti-lift Mechanism in the moving jaw which prevents workpiece lifting.
- Special Steel Jaws provided with 'V' groove for holding round jobs.
- The elongated clamping slots make it easy to adjust the vise on the work table saving time during projects.



All dimensions in mm

Size in inches	Width of Jaws	Opening of Jaws	Depth of Jaws	Height Overall	Width Overall	Length Overall	Weight (Kgs.)
2	50	75	36	55	105	190	1.5
3	75	100	40	68	135	240	3.5
4	100	160	42	72	165	290	5
5	127	150	50	80	192	310	9
6	150	175	58	90	230	370	11
8	200	245	65	105	275	445	16.5
10	260	250	90	150	355	555	36
12	310	300	90	150	405	595	45.5

CODE NO. U305 UNIQUE DRILL VICE (ECONOMY)

FEATURES

- High quality FCD 60 vise body.
- This is an economy drill it your self light weight vice.
- Body made of Cast Iron.
- Jaws & screw made of selected steel.

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6
Width of jaws in mm	75	100	125	150
Opening of jaws in mm	80	110	140	150
Depth of jaws in mm	30	35	40	40
Length overall in mm	200	225	275	300
Height overall in mm	45	50	65	65
Width overall in mm	125	160	190	225
Weight (Approx) in kgs	2.0	3	5.7	7.5



CODE NO. U306 UNIQUE DRILL VICE (HEAVY DUTY)

High quality FCD 60 vise body

FEATURES

- Body close grain cast Iron.
- Special steel ground jaws provided with "V" groove for holding round jobs.
- Lead screw of special steel.
- Large base for rigid mounting on table is provided with "T" slots for gripping on the drilling machine table.

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6	8	12
Width of jaws in mm	75	100	125	150	200	310
Depth of jaws in mm	40	45	50	50	60	90
Opening of jaws in mm	100	130	135	170	200	340
Height overall in mm	70	75	90	90	100	155
Length overall in mm	250	300	315	380	430	670
Width overall in mm	130	160	190	230	270	395
Slot size in mm	10	10	13	13	13	20
Weight (Approx) in kgs.	5.000	7.500	9.000	15.000	23.000	76





Code No. U328

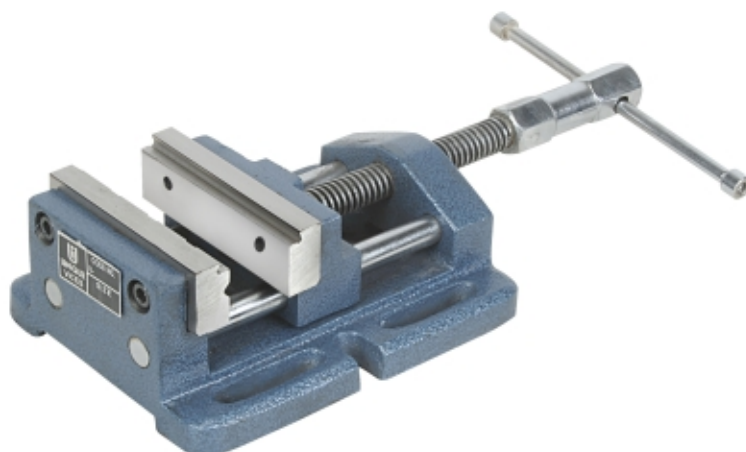
UNIQUE DRILL VICE (GERMAN TYPE)

FEATURES

- Body made from graded casting.
- "V" groove is provided for irregular sections.
- Moving jaw runs smoothly on two grinded rods.

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6
Width of jaws in mm	80	100	125	150
Opening of jaws in mm	75	100	120	150
Depth of jaws in mm	25	25	36	36
Height overall in mm	68	72	90	90
Width overall in mm	130	160	195	225
Length overall in mm	260	320	365	410
Weight (Approx) in kgs.	3.6	6.5	11	14
Tenon Slot in mm	10	10	12	12



Code No. U307 P

UNIQUE PRECISION UNIGRIP VICE

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6
Width of jaws in mm	75	100	125	150
Opening of jaws in mm	77	100	125	170
Depth of jaws in mm	30	30	37	40
Height Overall	60	60	64	75
Width Overall	140	150	185	210
Length Overall	230	285	360	420
Slot Size in mm	12	12	14	14
Jaw Slot in mm	7	7	7	7
Weight (Approx) in kgs.	3	4	6	8



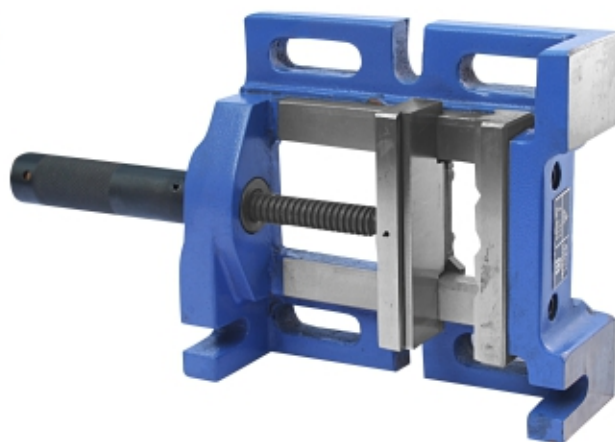
Code No. U3307 P

UNIQUE 3 WAY PRECISION DRILL VICE

(WITH THREE MOUNTING OPTIONS)

SPECIFICATIONS

SIZE IN INCHES	3	4
Width of jaws in mm	75	100
Opening of jaws in mm	80	100
Depth of jaws in mm	30	30
Height Overall	60	60
Width Overall	145	160
Length Overall	211	285
Slot Size in mm	13	14
Jaw Slot in mm	8	8
Weight (Approx) in kgs.	3	4.5





CODE NO. U317 UNIQUE DRILL PRESS VICE

FEATURES

- Body close grain cast Iron.
- Special steel ground jaws provided with "V" groove for holding round jobs.
- Lead screw of special steel is provided.
- Four "T" slots are provided on the both sides for rigid grip on drilling machine.

SPECIFICATIONS

SIZE IN INCHES	3	4	6
Width of jaws in mm	80	100	150
Depth of jaws in mm	45	60	60
Opening of jaws in mm	75	115	155
Height overall in mm	70	85	100
Length overall in mm	230	275	155
Width overall in mm	145	185	245
Slot size in mm	10	13	13
Weight (Approx) in kgs.	4.500	8	15.5

CODE U324 UNIQUE PRECISION DRILL VICE

FEATURES

- Body made from graded cast iron.
- Hardened & ground Jaws provided with "v" grooves for holding round Jobs both horizontally & vertically.
- Circular slots which can be adjusted for accurate positioning of the vise.

TECHNICAL SPECIFICATIONS

SIZE IN INCHES	2-1/2	3	4	5	6
Width of jaws in mm	60	80	100	120	150
Opening of Jaws	60	80	100	145	190
Depth of Jaws	24	28	35	40	50
Height Overall	48	55	64	80	105
Width overall in mm	135	156	200	225	265
Length overall in mm	250	285	340	415	465
Weight (Approx) in kgs.	2.4	3.7	7	13	22.5
Tenon slot in mm	10	10	13	13	13



CODE No. U315 UNIQUE SUPER DRILL MACHINE VICE

FEATURES

- Clamping force right behind work.
- No lifting of the sliding jaw.
- Used for light milling & drill works, simple but sturdy.
- Fitted with all over hardened ground high quality steel jaws.
- Moving jaw is plain and other is provided with one vertical & two horizontal 90° V-grooves.

SPECIFICATIONS

SIZE IN INCHES	4	6	8
Width of jaws in mm	100	150	200
Opening of jaws in mm	130	210	290
Depth of jaws in mm	45	55	60
Height overall in mm	75	108	125
Length overall in mm	350	460	572
Width overall in mm	200	250	310
Weight (Approx) in kgs.	11.5	24	48
Slot Size in mm	13	13	13





CODE NO. U307

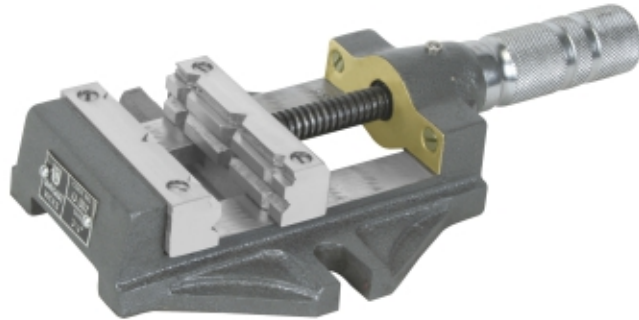
UNIQUE UNIGRIP MACHINE VICE

FEATURES

- Compact and Indispensable vice for drilling machines.
- Hardened and ground steel jaws provided with horizontal and vertical notches for holding round, square and irregular jobs.
- Available in cast iron and malleable frame.

SPECIFICATIONS

SIZE IN INCHES	3.1/4	4	6
Width of jaws in mm	80	100	150
Depth of jaws in mm	25	25	35
Opening of jaws in mm (Lower portion)	77	115	140
Opening of jaws in mm (Upper portion)	85	120	155
Length overall in mm	260	320	415
Height overall in mm	50	55	60
Width overall in mm	145	175	230
Weight (Approx) in kgs.	2.6	4	8.5



CODE No. U347

DRILL PRESS VICE PRECISION

FEATURES

- High quality FCD 60 vise body
- "v" for round Jobs is provided vertically and horizontally.
- Special Steel Hardened jaws.
- Ideal for drilling operations.

SPECIFICATIONS

SIZE IN INCHES	3	4	5
Width of jaws in mm	75	100	125
Opening of jaws in mm	75	100	125
Depth of jaws in mm	35	40	50
Height Overall	55	70	78
Width Overall	112	147	180
Length Overall	195	250	325
Weight (Approx) in kgs.	2.6	4.8	8.5

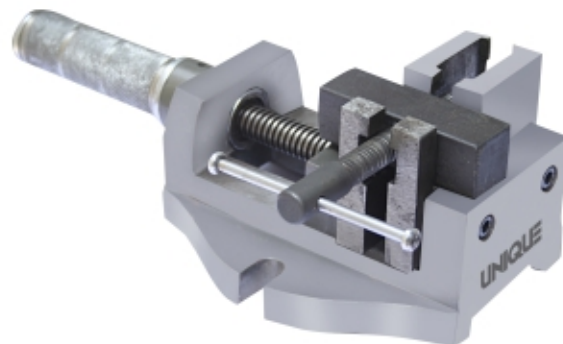


CODE NO. U 3307

UNIQUE ARMATURE BEARING PULLER VICE HEAVY DUTY

SPECIFICATIONS

SIZE IN INCHES	4
Width of jaws in mm	120
Opening of jaws in mm	75
Depth of jaws in mm	60
Height Overall	85
Width Overall	155
Length Overall	250
Weight (Approx) in kgs.	5



Code No. U 405

UNIQUE SAFETY CHUCK KEY SUITABLE FOR ANY MAKE

SIZE IN INCHES	1/4	3/8	1/2, 5/8	3/4	1
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CODE NO. U 323

UNIQUE UNIVERSAL COMPOUND VICE

High quality FCD 60 vise body

SPECIFICATIONS

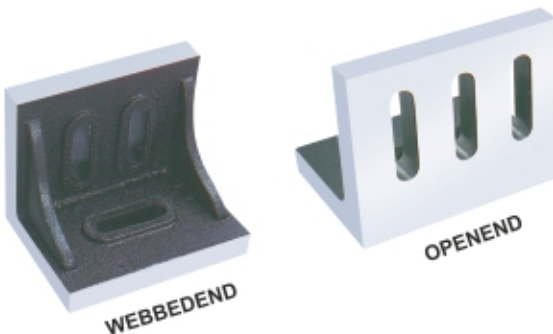
Size in inches	5
Width of jaws in mm	125
Depth of Jaws in mm	55
Opening of jaws in mm	135
Overall Length in mm	440
Overall Height in mm	170
Overall Width in mm	420
Travel Bothways in mm	175x150
Weight Approx in Kgs.	19



CODE U123

UNIQUE CAST IRON SLOTTED ANGLE PLATES

(PRECISION GROUND)



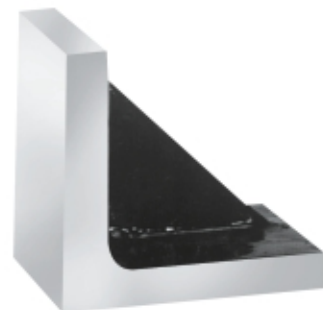
Code No.	Size (in Inches)	Size (in MM)
U123-3	4.1/2x3.1/2x3	115x90x75
U123-4	6x5x4.1/2	150x125x115
U123-5	7x5.1/2x4.1/2	175x140x115
U123-6	8x6x5	200x150x125
U123-7	9x7x6	225x175x150
U123-8	10x8x6	250x200x150
U123-9	12x9x8	300x225x200
U123-10	12x12x12	300x300x300

Code U 122

UNIQUE CAST IRON ANGLE PLATES PLAIN

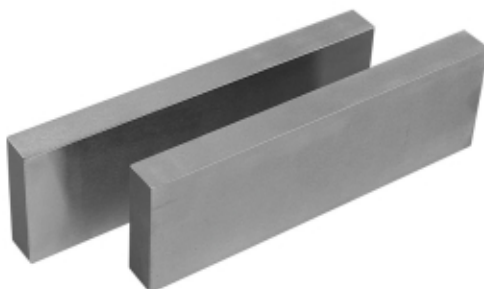
(PRECISION GROUND)

Code No.	Size (in Inches)	Size (in mm)
U122-4	4x4x4	100x100x100
U122-5	5x5x5	125x125x125
U122-6	6x6x6	150x150x150
U122-8	8x8x8	200x200x200
U122-10	10x10x10	250x250x250



Code U12

UNIQUE PRECISION STEEL PARALLELS



Length	Width	Height
150	20	10
150	35	15
200	45	20
250	55	25
300	60	30
300	75	45
450	75	45



Code U408

UNIQUE G CLAMP BAHCO TYPE FINE THREAD

SIZE IN INCHES	2	3	4	6	8	10	12
SIZE IN INCHES	14	16	18	20	24		



Code U408DF

UNIQUE G CLAMP HEAVY DUTY DROP FORGED

SIZE IN INCHES	2	3	4	6	8	10	12
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Code U408HD

UNIQUE HEAVY DUTY G CLAMP TAPARIA TYPE

SIZE IN INCHES	2	3	4	6	8	10	12
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Code U406, 406DF, 406GP, 4406 DF

UNIQUE BEARING PULLERS

FEATURES

- Reversible type pullers.
- Drop forged chrome plated steel.
- Forged steel auto black finish.
- Available in 3 legs as well 2 legs.
- Adjustable legs for internal and external pulling of gears and bearings ect.



U406 DF



U4406 DF
3 Leg Model only



U406



U406 GP

SIZE IN INCHES	3	4	6	8	10	12
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SIZE IN INCHES	3	4	6	8	10	12
	14	16	18	20	24	

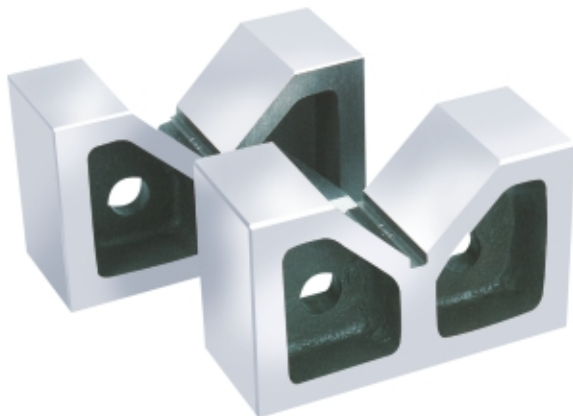
SIZE IN INCHES	2 1/4	4	6
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Code U119

UNIQUE STEEL V BLOCKS & CLAMPS

(EXPORT QUALITY) Hardened and Ground

Code No.	V Capacity
U119-1	40x30x30
U119-2	50x37x37
U119-3	63x48x48
U119-4	80x60x60
U119-5	100x75x75



CODE U120

UNIQUE VEE BLOCKS (CAST IRON)

(SUPPLIED IN MATCHED PAIR) WITH ONE CLAMP

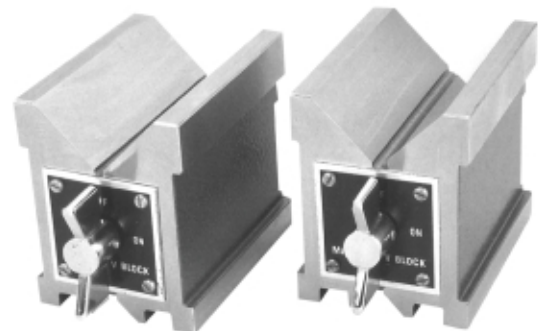
Code No.	No.	Dimensions of Blocks		Clamping Capacity	
		LengthxWidthxHeight Inches	mm	Inches	mm
U120-1	U 230	2x1.1/2x1.1/2	50x38x38	1.1/2	38
U120-1	U230B	3x1.1/2x1.1/2	75x38x38	1.1/2	38
U120-1	U 221A	3x2x2	75x50x50	2.1/2	63
U120-1	U222	4x3x1.1/2	100x75x38	3.1/2	88
U120-1	U222A	4x2.1/2x2.1/2	100x63x63	3.1/2	88
U120-1	U222B	4x3x3	100x75x75	3.1/2	88
U120-1	U223	5x3.1/2x3.1/4	125x88x44	4.1/4	108
U120-1	U224	6x4x2	150x100x50	5	125
U120-1	U224A	6x4x4	150x100x100	5	125

Code U 117

UNIQUE MAGNETIC VEE BLOCKS (EXPORT QUALITY)

ALSO AVAILABLE IN SOFT MATERIAL
HARDENED & GROUND

Code No.	Size of Vee Block LXWXH (MM)	Holding Capacity
U117-1	65x60x50	38
U117-2	80x65x60	48
U117-3	100x95x75	62
U117-4	150x95x75	65
U117-5	200x150x100	90





CODE No. U345

UNIQUE PERMANENT MAGNETIC CHUCKS

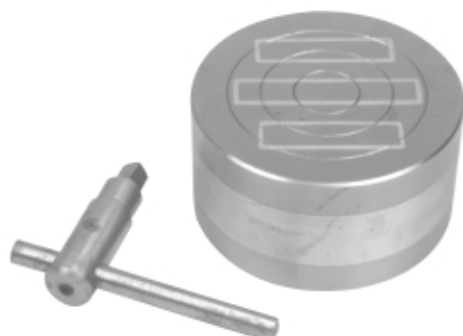
FEATURES

- Chucks having top and base of solid mild steel with powerful permanent magnets.
- Pole space available is standard or close giving greater magnetic efficiency with medium & thick parts for grinding & machining operations.
- Chuck cannot loose magnetism except by dismantling.
- Cam operated ON/OFF handle to hold & release the work piece.

SPECIFICATIONS

SIZE IN INCHES	6x4	7x4	8x4	10x5	12x6	12x8	14x6	14x8	16x6	16x8	18x6
Size in mm	150x100	175x100	200x100	250x125	300x150	300x200	350x150	350x200	400x150	400x200	450x150
No. of Poles	4	5	6	7	9	9	10	10	12	12	14

SIZE IN INCHES	18x8	20x8	20x10	24x8	24x10	24x12	30x8	30x10	30x12	36x12	39x12
Size in mm	450x200	500x200	500x250	600x200	600x250	600x300	750x200	750x250	750x300	900x300	975x300
No. of Poles	14	15	15	18	18	18	23	23	23	28	30



CODE No. U346

UNIQUE PERMANENT MAGNETIC CHUCKS

ROUND TYPE

SPECIFICATIONS

SIZE IN INCHES	3	4	5	6½	8	10	12	14	16	18
Size in mm	75	100	125	150	200	250	300	350	400	450
No:- of poles	3	3	4	4	5	6	8	9	10	12

Code No. U 121

UNIQUE MAGNETIC ANGLE PLATE WITH MAGNETIC CLAMP

SIZE	150 x 180 x 95	200 x 180 x 95
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Code No. U 115

UNIQUE SINE PLATE WITH MAGNETIC CLAMP

SIZE	6 x 4	6 x 6	8 x 6
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Code U 116

UNIQUE MAGNETIC BASE (EXPORT QUALITY)

Code No.	Model	Magnetic Pull (in Kgs.)
U116-2	7010 ON/OFF Switch	30-35 Kg.



Code No. U 406 S.P.

UNIQUE STUD PULLER GERMAN TYPE



SIZE	1/2	3/4
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Code No. U 1114

UNIQUE DIAL COMPRATOR STANDS FINE ADJUSTMENT



Supplied Without Dial Gauge

Code No.	Description	Measuring Range (in Inches)	Fine Adjustment (in Inches)
U1114-1	6" x 5"	8	1/8

Code U114

UNIQUE DIAL COMPRATOR STANDS- FINE ADJUSTMENT

Code No.	Description	Measuring Range (in Inches)	Fine Adjustment (in Inches)
U114-1	ROUND SERRATED	5	1/8
U114-2	ROUND FLAT	5	1/8
U114-3	SQUARE FLAT	5	1/8
U114-4	SQUARE SERRATED	5	1/8

Supplied Without Dial Gauge





CODE NO. U404S

UNIQUE DRILL SLEEVES

FEATURES

- A Grade sleeves are made of case hardened steel with body hardness 54°,58° HRC.
- All over ground outside and inside.
- Tang hardness 54°-58° HRC.
- Work shop grade sleeves made of carbon steel outside ground inside reamed with hardened tang.

SPECIFICATIONS

MORSE TAPER	Inside	1	2	3	4	1	1	1	2	2	3	2	3	4	5
OVERALL LENGTH	Outside	2	3	4	5	3	4	5	4	5	5	6	6	6	6
	mm	92	112	124	171	99	124	156	124	156	156	218	218	218	218

CODE NO. U404.

DRILL CHUCK ARBORS

FEATURES

- Unique make a comprehensive range of arbors for different applications.
- All arbors are made of case hardened steel all over ground.

SPECIFICATIONS

THREADED ARBORS		RB ARBORS	
Morse Taper	Threads	Arbor number	Jacob's taper
1	3/8x24UNF	RB-1	1
1	1/2x20UNF	RB-2	2
2	3/8x24UNF	RB-3	3
2	5/16x16UNF	RB-33	33
2	1/2x20UNF	RB-6	6
2	1/2x20UNF	RB-4	4

JACOBS TAPER ARBORS						TAPER SHANK ARBORS - DIN 238					
Morse Taper	Jacob's Taper	Morse Taper	Jacob's Taper	Morse Taper	Jacob's Taper	Chuck Mount	Morse Taper	Chuck Mount	Morse Taper	Chuck Mount	Morse Taper
1	1	2	6	4	2	B10	1	B18	1	B24	4
1	3	2	33	4	3	B10	2	B18	2	B24	5
1	33	3	1	4	4	B12	1	B18	3		
1	6	3	2	4	5	B12	2	B18	4		
2	1	3	3	4	6	B12	3	B22	1		
2	2	3	4	5	2	B16	1	B22	2		
2	3	3	5	5	3	B16	2	B22	3		
2	4	3	6	5	4	B16	3	B22	4		
2	5	3	33	1	2	B16	4	B24	3		



CODE NO. U372

UNIQUE HSS ADJUSTABLE HAND REAMER

SPECIFICATIONS

SYMBOLS	RANGE IN MM	RANGE IN INCHES
FOUR BLADES		
HV	6.35-7.15	1/4-9/32
HW	7.15-7.95	9/32-5/16
HZ	7.95-8.7	5/16-11/32
HY	8.7-9.5	11/32-3/8

SIX BLADES		
H1	9.5-10.25	3/8-13/32
H2	10.25-11	13/32-7/16
H3	11-12	7/16-15/32
H4	12-13.5	15/32-17/32
H5	13.5-15	17/32-19/32
H6	15-16.75	19/32-21/32
H7	16.75-18.25	21/32-23/32
H8	18.25-19.75	23/32-25/32
H9	19.75-21.5	25/32-27/32
H10	21.5-24	27/32-15/16
H11	24-27	15/16-1.1/16
H12	27-30	1.1/16-1.3/16
H13	30-34	1.3/16-1.11/32
H14	34-38	1.11/32-1.1/2
H15	38-46	1.1/2-1.13/16
H16	46-56	1.13/16-2.7/32
H17	56-70	2.7/32-2.3/4
H18	70-85	2.3/4-3.11/32
H19	85-100	3.11/32-4

H4-H14-COMplete SET IN WOODEN BOX
H4-H11-COMplete SET IN WOODEN BOX

UNIQUE CLAMPING KIT 58 Pcs.(With Metallic Box)

CODE NO. U 31 & 32



U32



58 Pcs. CLAMPING KIT CONTAINS:

Code	T-Slot Nuts Code U23 6 Pcs.	Clamping Stud Code U30 4Pcs. Each	Flanged Nuts Code U21 6 Pcs.	Coupling Nuts Code U22 4 Pcs.	Stepped Strap Clamp Code U15 2 Pcs. Each	Step Blocks Code U09 2 Pair (4 Pcs.) Each
U32-1	14-12 M	M12x63 M12x80 M12x100 M12x125 M12x160 M12x200	M12	M12	12x80 12x100 12x125	1 2 Pairs 2 2 Pairs 3 2 Pairs
U32-2	16-12 M					
U32-3	18-12 M					
U32-4	18-16 M	M16x63, M16x80 M16x100, M16x125 M16x160, M16x200	M16	M16	3 Pcs. Each 16x125 16x150	1 2 Pairs 2 2 Pairs 3 2 Pairs

CODE NO. U 31 UNIQUE CLAMPING KIT 34 Pcs. (With Wooden Box)



34 Pcs. CLAMPING KIT CONTAINS:

Code No.	T-Slot Nuts Code U23 4 Pcs.	Clamping Stud Code U30 4Pcs. Each	Flanged Nuts Code U21 4 Pcs.	Coupling Nuts Code U22 2 Pcs.	Strap Clamp Code U14 2 Pcs.	Height Plates Adjustable Code U10 2 Pcs.
U31-1	14-12 M	M12x80 M12x100 M12x160 M12x200	M12	M12	12x100 12x125	2-50 2-100
U31-2	16-12 M					
U31-3	18-12 M					
U31-4	18-16 M	M16x80 M16x100 M16x160 M16x200	M16	M16	16x1125 16x160	2-50 2-100

CODE NO. U 18 UNIQUE TAPPED END STRAP CLAMP WITH ADJUSTABLE SUPPORT

Suitable for T-Slot	HxWxL
12	-
16	48x30x125
20	60x38x180
24	73x36x200



CODE NO. U 18 A UNIQUE UNIVERSAL STRAP CLAMP

T-Slot Size	Clamping Range
12	0-60
14	0-60
16	0-80
18	0-80
20	0-100
22	0-100
24	0-120
28	0-120



CODE NO. U 19 UNIQUE MOULD CLAMP WITH CLAMPING STUD & FLANGE NUT

Clamping Stud	Clamping Range	Clamp Size
M12 - 100	0-35	110x50
M16 - 125	0-40	135x60
M20 - 175	0-50	160x70
M24 - 200	0-60	180x80



CODE NO. U 19 A UNIQUE MOULD CLAMP WITH T-BOLT & FLANGE NUT

T-Slot Size	Clamping Range	Clamp Size
M12	0-25	110x50
M14	0-25	110x50
M16	0-40	125x60
M18	0-40	125x60
M20	0-50	160x70
M22	0-50	160x70
M24	0-60	180x80
M28	0-60	180x80



STEP BLOCKS UNIVERSAL

Code No. U 09

Features :

- Used to obtain required supporting heights.
- Any combination keep the accurate parallelism.
- Positive locking.

Application :

Used as supporting block on any machine.

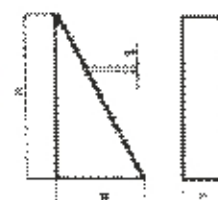
Construction :

Hardened and tempered steel R=80/90 kg/mm²

Finish :

Black Oxidized/Powder Coated.

CODE	A	B	C	Fixing Height Max.	Fixing Height Min.
U09-1	33	24	30	53	22
U09-2	66	40	30	105	39
U09-3	131	73	30	208	71





SCREW JACK WITH STEEL BODY (With Flat Support) Code No. U 11

- Centering hole dia 12mm provided for pads.
- Spindle : Trapezoidal Thread
- Material : Carbon Steel Heat Treated blackened.
- Self locking with end stop body.

All types of pads can be used for numerous adaption. Coupling pad P-6 useful to pile up height of screw jacks Code 911-2 and 911-3.

CODE	Range H1-H2	Base Dia - D1	Cap Dia - DC	Static Load Max - Kn	Wt. Kgs.
U11-1	40-50	32	32	12	0.230
U11-2	50-70	50	50	60	0.600
U11-3	70-100	50	50	60	0.800
U11-4	100-140	70	65	100	2.500
U11-5	140-210	80	70	165	4.560
U11-6	190-300	98	80	350	9.100



HEIGHT PLATES ADJUSTABLE

Code No. U 10

Features :

- Extra height could be achieved by stacking the blocks.
- Supporting height is achieved instantaneously with quick adjustment of plates.
- It is compact, safe & reliable supporting system.
- May be used with or without exact height setter.

Application :

Used on machines as supporting height block or spacers.

Construction : Carbon Steel

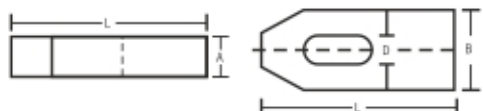
Finish : Black Penetrated.

CODE	Plate Thickness	H	B	L	Weight App. Kgs.
U10-1	2	25	35	50	0.350
U10-2	2	50	35	50	0.650
U10-3	2	75	35	50	1.000
U10-4	2	100	35	50	1.300
U10-5	2	125	35	50	1.600
U10-6	2	150	35	50	1.900
U10-7	4	25	50	60	0.600
U10-8	4	50	50	60	1.100
U10-9	4	75	50	60	1.600
U10-10	4	100	50	60	2.100
U10-12	4	125	50	60	2.600
U10-13	4	150	50	60	3.100
U10-14	4	200	50	60	3.600



STRAP CLAMP IS 4292-1984 (IN ACCORDANCE WITH THE DIN 6314 STANDARD)

Code No. U 14



Features :

- Widely used on most of machines for clamping work pieces of various sizes.
- As illustrated

Construction :

Hardened and tempered steel
R=80/90 kg/mm²

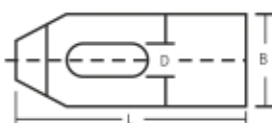
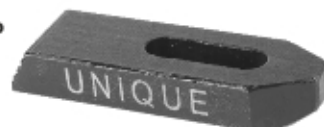
Finish :

Black Oxidized/Powder Coated.

CODE	D x L	A	B	Suitable for Screw Size
U14-1	9 x 60	12	25	M18
U14-2	11 x 80	15	30	M10
U14-3	14 x 100	20	40	M12
U14-4	14 x 125	20	40	M12
U14-5	18 x 125	25	50	M16
U14-6	18 x 160	25	50	M16
U14-7	22 x 160	30	60	M20
U14-8	22 x 200	30	60	M20
U14-9	26 x 200	30	60	M24
U14-10	26 x 250	35	70	M24
U14-11	30 x 250	40	70	M30

STEPPED STRAP CLAMP

Code No. U 15



Construction :

- Hardened and tempered steel
R=80/90 kg/mm²
- Longer versions are used for large clamping distances due to large T-slot distance or enlarged work depth, i.e. on engraving Machines.

Finish :

Black Oxidized/Powder Coated.

CODE	D x L	A	B	Suitable for Screw Size
U15-1	11 x 80	15	30	M10
U15-2A	14 x 80	20	40	M12
U15-2	14 x 100	20	40	M12
U15-3	14 x 125	20	40	M12
U15-4	18 x 125	25	50	M16
U15-5	18 x 160	25	50	M16
U15-6	22 x 160	30	60	M20
U15-7	22 x 200	30	60	M20
U15-8	26 x 200	30	70	M24

CODE NO. U 16 UNIQUE U CLAMP IS 4293-1984 DIN 6315-B Std.



Code No.	Size	Suitable for Screw
U16-1	14x160	M12
U16-2	18x200	M16
U16-3	22x250	M20
U16-4	26x250	M24

CODE NO. U17 UNIQUE GOOSE NECK CLAMP (IS:4279-1975)



CODE NO.	SIZE	Suitable For Screw Size
U 17-1	14x125	M12
U 17-2	18x160	M16
U 17-3	22x200	M20
U 17-4	26x250	M24

PLAIN WASHER (In Accordance with DIN 6340)

Code No. U 25

Application :

Widely used in most of the clamping system

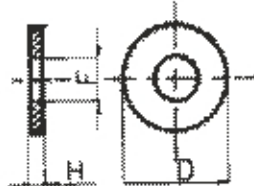
Construction :

Hardened and tempered steel
R=80/90 kg/mm²

Finish : Burnished.



CODE	For Screw	F	D	H
U25-1	M8	8.4	23	4
U25-2	M10	10.5	28	4
U25-3	M12	13	35	5
U25-3A	M14	14	40	5
U25-4	M16	17	45	6
U25-5	M20	21	50	6
U25-6	M24	25	60	8
U25-7	M30	31	68	10



SPHERICAL WASHER with Conical Seat

IS:4297-1996

Code No. U 26

Application :

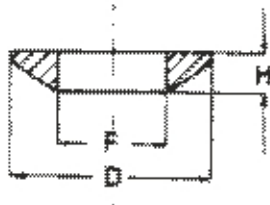
It acts as a ball and socket in clamping system to correct minor misalignment of parts being clamped.

Construction :

Hardened and tempered steel
R=80/90 kg/mm² Class 8.8 (8G) .

Finish : Burnished.

CODE	Size	F	D	H
U26-1	M8	8.4	17	3.5
U26-2	M10	10.5	21	4.2
U26-3	M12	13	24	5.0
U26-4	M16	17	30	6.2
U26-5	M20	21	36	7.5
U26-6	M24	25	44	9.5



HEX NUT

(In Accordance with
Din 6330B)

Code No. U 20

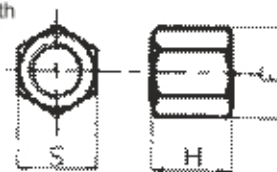
Application :

- Widely used on most of shop-floor machines, jig-fixtures, hydraulic equipments etc.
- Additional thickness, covers more thread length effecting better clamping, flat end used with plain washer, spherical end used along with conical seal washer.

Construction :

Hardened and tempered steel
R=80/90 kg/mm² Class 8.8 (8G) .

Finish : Burnished.



CODE	Screw Thread	S	E	H
U20-1	M8	13	15.0	12
U20-2	M10	17	19.6	15
U20-3	M12	19	20.9	18
U20-3A	M14	20	21	22
U20-4	M16	24	27.7	24
U20-5	M20	30	34.6	30
U20-6	M24	36	41.6	36
U20-7	M30	46	53.1	45

C-WASHER (IS : 4291: 1996)

Code No. U 28

Features :

Knurled outside Diameter for easy Gripping while insertion or removal.

Application :

In the construction of fixtures having special application as spacer or clamping element because it could be swung out of the way and the part can be inserted or removed quickly.
As illustrated.

Construction :

Steel Heat treated to 40 to 45 HRC.

Finish : Black Oxidized

CODE	For Bolt of	D	d	d1	t	l
U28-1	M8	28	8.4	21	7	1
U28-2	M10	34	10.5	25	8	1.2
U28-3	M12	40	13	30	9	1.8
U28-4	M16	56	17	37	12	1.8
U28-5	M20	64	21	45	14	2
U28-6	M24	75	25	52	16	2



FLANGED NUT (IS:7795-1975)

Code No. U 21

Construction :

Hardened and tempered steel
Class 8.8 (8G) R=80/90 kg/mm²

Finish : Burnished



CODE	Screw Thread	C	H	S	D	E
U21-1	M8	13	12	3.5	18	15.0
U21-2	M10	17	15	4	22	19.6
U21-3	M12	19	18	4	25	21.9
U21-4	M16	24	24	5	31	27.7
U21-5	M20	30	30	6	37	34.6
U21-6	M24	36	36	6	45	41.6

T-SLOT NUT IS 2015-1977

(in Accordance With
DIN 508 Standard)

Code No. U 23



Application :

Useful of the machines having
T Slots, jig fixtures, hydraulic elements, assorted setting elements and adaptors.
For use along with studs for work holding fixtures etc.

Construction :

Hardened and tempered steel Class 8.8 (8G) R=80/90 kg/mm² .

Finish : Burnished.



CODE	Screw Thread	X Slot	A	B	C
U23-1	M6	8	13	10	5
U23-2	M8	10	15	12	6
U23-3	M10	12	18	14	7
U23-3A	M10	14	22	16	8
U23-4	M12	14	22	16	8
U23-5	M12	16	25	18	9
U23-6	M12	18	28	20	10
U23-7	M16	18	28	20	10
U23-8	M16	20	32	24	12
U23-9	M16	22	35	28	14
U23-10	M20	22	35	28	14
U23-11	M20	24	40	32	16
U23-12	M24	28	44	36	18

CODE NO. U30S

UNIQUE CLAMPING STUD

WITH SLOT HAVING TAPPED

HOLES (Hardened & Tempered)

Code	T-Size x Thread	Length
U 30S-1	M12	100
U 30S-2	M12	125
U 30S-3	M12	150
U 30S-4	M12	175
U 30S-5	M16	125
U 30S-6	M16	150
U 30S-7	M16	175
U 30S-8	M16	200
U 30S-9	M20	125
U 30S-10	M20	150
U 30S-11	M20	175
U 30S-12	M20	200
U 30S-13	M24	150
U 30S-14	M24	175
U 30S-15	M24	200
U 30S-16	M24	225





CODE NO. U30 UNIQUE CLAMPING STUD (IS 13178 : 1991)

Application :
Used in jig-fixtures, hydraulic equipments as one of the clamping elements.

Construction :
Hardened and tempered steel
R=80/90 kg/mm²

Finish : Burnished



Code	T-Size	Thread	Length
U 30-0	M8		32
U 30-1	M8		40
U 30-2	M8		50
U 30-3	M8		63
U 30-4	M8		80
U 30-5	M8		100
U 30-6	M8		150
U 30-7	M10		50
U 30-7A	M10		63
U 30-8	M10		80
U 30-9	M10		100
U 30-10	M10		125
U 30-11	M10		160
U 30-12	M10		200
U 30-13	M12		50
U 30-14	M12		63
U 30-15	M12		80
U 30-16	M12		100
U 30-17	M12		125
U 30-18	M12		160
U 30-19	M12		200
U 30-20	M12		250
U 30-21	M12		315
U30-18A	M14		100
U30-19A	M14		150
U30-20A	M14		200
U30-21A	M14		250
U 30-22	M16		63
U 30-23	M16		80
U 30-24	M16		100
U 30-25	M16		125
U 30-26	M16		160
U 30-27	M16		200
U 30-28	M16		250
U 30-29	M16		315
U 30-31	M20		100
U 30-32	M20		125
U 30-33	M20		160
U 30-34	M20		200
U 30-35	M20		250
U 30-36	M20		315
U 30-37	M20		400
U 30-39	M20		500
U 30-40	M24		100
U 30-41	M24		125
U 30-42	M24		160
U 30-43	M24		200
U 30-44	M24		250
U 30-45	M24		315
U 30-46	M24		400
U 30-48	M24		500

COUPLING NUT Code No. U 22

Application :
To couple the studs for the purpose of increasing the length.

Construction :
Hardened and tempered steel Class 8.8 (8G) R=80/90 kg/mm².

Finish : Burnished.

CODE	Screw Thread	S	E	H
U22-0	M8	16	18	28
U22-1	M10	17	19.6	30
U22-2	M12	19	21.9	36
U22-2A	M14	21	24	40
U22-3	M16	24	27.7	48
U22-4	M20	30	34.6	60
U22-5	M24	36	41.6	72
U22-6	M30	46	53.1	90



UNIQUE T-BOLT (IS 2014:1996)

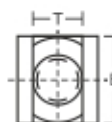
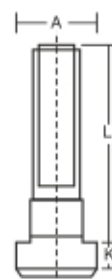
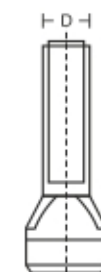
CODE NO. U29

Application :
Suitable as clamping element on T-slotted heads.

Construction :
R=80/90 kg/mm² Highly resistant steel.
Class 8.8 (8G)

Finish : Burnished

Code No.	T-Size	Thread	Length	K	A x B
U 29-10	12mm x	M12	50	7	18x18
U 29-11	12mm x	M12	65	7	18x18
U 29-12	12mm x	M12	80	7	18x18
U 29-13	12mm x	M12	100	7	18x18
U 29-14	12mm x	M12	125	7	18x18
U 29-15	12mm x	M12	160	7	18x18
U 29-16	12mm x	M12	200	7	18x18
U 29-17	12mm x	M12	250	7	18x18
U 29-20	14mm x	M12	80	8	22x22
U 29-21	14mm x	M12	100	8	22x22
U 29-22	14mm x	M12	125	8	22x22
U 29-23	14mm x	M12	160	8	22x22
U 29-24	14mm x	M12	200	8	22x22
U 29-25	14mm x	M12	250	8	22x22
U 29-28	16mm x	M16	80	9	25x25
U 29-29	16mm x	M16	100	9	25x25
U 29-30	16mm x	M16	125	9	25x25
U 29-31	16mm x	M16	160	9	25x25
U 29-32	16mm x	M16	200	9	25x25
U 29-33	16mm x	M16	250	9	25x25
U 29-36	18mm x	M16	80	10	28x28
U 29-37	18mm x	M16	100	10	28x28
U 29-38	18mm x	M16	125	10	28x28
U 29-39	18mm x	M16	160	10	28x28
U 29-40	18mm x	M16	200	10	28x28
U 29-41	18mm x	M16	250	10	28x28
U 29-42	18mm x	M16	320	10	28x28
U 29-44	20mm x	M20	100	12	32x32
U 29-45	20mm x	M20	125	12	32x32
U 29-46	20mm x	M20	160	12	32x32
U 29-47	20mm x	M20	200	12	32x32
U 29-51	22mm x	M20	100	12	32x32
U 29-53	22mm x	M20	160	12	32x32
U 29-54	22mm x	M20	200	12	32x32
U 29-55	22mm x	M20	250	12	32x32
U 29-56	22mm x	M20	320	12	32x32
U 29-59	24mm x	M24	160	16	40x40
U 29-60	24mm x	M24	200	16	40x40
U 29-64	24mm x	M28	100	16	40x40
U 29-66	24mm x	M28	160	16	40x40
U 29-67	24mm x	M28	200	16	40x40
U 29-68	24mm x	M28	250	16	40x40
U 29-69	24mm x	M28	320	16	40x40



UNIQUE

XTRA TUFF VICES

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