

These milling machine vices are one of the most popular vices used in workshops, machine shops, and shop floor. Apart from use in milling operations, these also find application in jig boring, grinding and shaping objects

Manufactured from close grained high tensile seasoned cast iron, vice body has a premium polychromatic finish which is scratch and rust proof

Vice jaws allow the work piece to be held dead square without use of any packing. This not only improves efficiency and life of jaws but also helps reduce strain on vice body

Usage of high tensile grade 10.8 fasteners provides greater strength and rigidity The 360° swivel base allows the vice to be set at any angle along the vertical axis

“Hold down” slots allow for secure clamping of the vice on the machine table.



Milling Machine Vice being used to hold a job for milling operation

ORDERING INFORMATION

CAT NR.	CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
		(mm)	(mm)	(mm)	
FIXED BASE	SWIVEL BASE				
MMV/F/SP/100	MMV/SP/100	100	100	38	1
MMV/F/SP/150	MMV/SP/150	150	150	45	1
MMV/F/SP/200	MMV/SP/200	200	200	58	1

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Angular Machine Vices - Super Precision

AMV

Angular machine vices are ideal for applications where in the work piece requires machining at an angle.

Angular adjustment is achieved via the angular slide that can be set to any desired angle 45 degrees on either sides

Manufactured from close grained high tensile seasoned cast iron with fully hardened and ground tool steel jaws.

Ergonomically designed all steel handle allows for stress free operation

Use of high tensile grade 10.8 fasteners provides strength and rigidity to these vices
Relief in clamp seat ensures complete surface contact as against a line contact between the "hold down" clamp and movable slide, thereby providing firm locking at any desired angle

"Hold down" slots allow for secure clamping of the vice on the machine table.



Rotation along 360° swivel base



Rotation along 0-90° vertical scale



Combined rotation along both horizontal & vertical axis

ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(mm)	(mm)	(mm)	
SWIVEL BASE				
AMV/SP/100	100	100	38	1
AMV/SP/150	150	150	45	1
AMV/SP/200	200	200	58	1

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134 3 Way Tilting Vices - Super Precision

TLT

Tilting vices provide for 3 axis setting of the work piece in special milling, drilling, grinding, shaping and jig boring applications

Vices have two angular slides which allow the work piece to be set at any desired angle- 45 degree tilting range on either sides and 90 degree vertical indexing. The 360 degree swivel base further allows rotation along the vertical axis

Manufactured from close grained hi-tensile seasoned cast iron with fully hardened and ground tool steel jaws; vices have a premium polychromatic finish

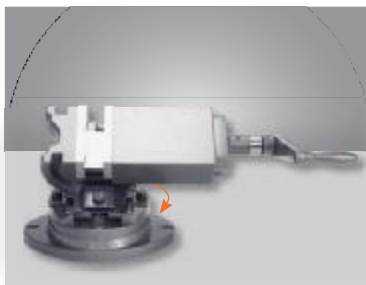
Ergonomically designed all steel handle allows for stress free operation

Use of high tensile grade 10.8 fasteners provides strength and rigidity to these vices
Relief in clamp seat ensures complete surface contact as against a line contact between the "hold down" clamp and movable slide, thereby providing firm locking at any desired angle

"Hold down" slots allow for secure clamping of the vice on the machine table



A combination of settings along the 3 scales



Movement along the tilting scale, 0-45°



Rotation along the swivel base



Movement along the first angular slide, 0-90°

ORDERING INFORMATION

CAT NR.	JAW WIDTH (mm)	JAW OPENING (mm)	JAW DEPTH (mm)	BOX QTY.
SWIVEL BASE				
TLT/SP/100	100	100	38	1
TLT/SP/150	150	150	45	1

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Tool Makers Steel Vices - Super Precision

TMV

World's #1 Toolmakers Vice - a must for every tool & die maker

Manufactured from selected tool steel, these solid one piece vices are fully hardened (55-60 HRC) and tempered to ensure stability and durability

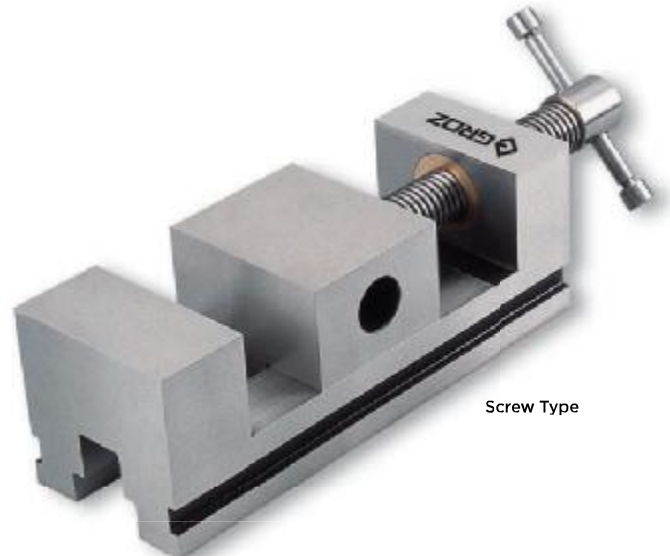
All vice surfaces are precision ground

The movable jaw is narrower than the base enabling vices to be used on either sides in addition to the base

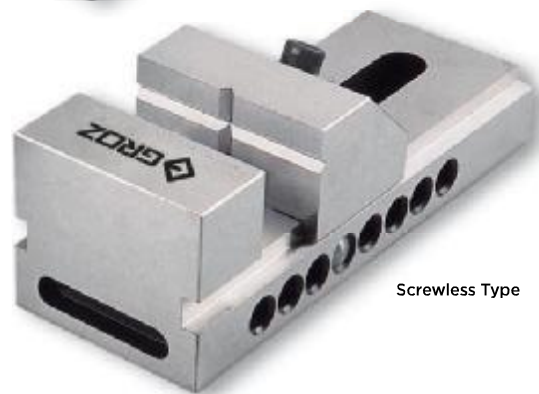
Due to their outstanding accuracies, these vices are mainly used in tool manufacturing, on grinding & milling machines, in engraving & jig boring applications, for measurement and inspection work and in manufacturing processes that require highest standards of clamping accuracy

These vices are available in two models:

1. **Screw Type**
 - a. Clamping and releasing is through a threaded spindle with precision cut square threads for smooth operation
 - b. Vice spindle moves in a specially designed gun metal bush which reduces wear thus enhancing life of the vice
2. **Screwless Type**
 - a. The rapid positioning notches allow the vice to be locked in any position by means of an allen key provided with the vice
 - b. Vee grooves in the sliding jaw, both horizontal and vertical, facilitate holding of round jobs
 - c. Jaw pressure on work piece is forward and downward for repeatable positioning and maximum holding power
 - d. These vices are particularly suitable for erosion work



Screw Type



Screwless Type

ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(mm)	(mm)	(mm)	
SCREWLESS TYPE				
TMV/2	50	90	25	1
TMV/23	75	110	35	1
SCREW TYPE				
TMV/ST/4	70	75	40	1


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Manufactured from selected tool steel, these solid Sine Vices are fully hardened (55-60 HRC) and tempered, mounted onto a precision hinged bottom plate. All the surfaces are precisely ground for extreme accuracy

These are very useful for manufacturing processes that require the highest standards of clamping accuracy at desired angles

A minute angle step of 0.2"/5 mm allows very small angles to be set with ease using standard gauge blocks

These are available in two models:

- a. Screw Type
- b. Screwless Type



Screw Type

Screwless Type

ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	CENTRE TO CENTRE DISTANCE	BOX QTY.
SCREWLESS TYPE					
SNV/6	2.3/4"	3.3/4"	1-9/16"	6"	1
SNV/150	70 mm	95 mm	40 mm	150 mm	1
SCREW TYPE					
SNV/7	2.3/4"	3"	1-9/16"	7"	1
SNV/175	70 mm	75 mm	40 mm	175 mm	1



Manufactured from graded cast iron, these drill vices have been designed for accuracy, making them ideal for engineering workshops & tool rooms

The base and slides are precision ground for stability and accurate operation. Horizontal & vertical V-grooves in the stationary jaw allow holding of round tools securely

The base is slotted enabling the vice to be bolted to drill press tables, assisting in quick and accurate positioning



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(mm)	(mm)	(mm)	
DPV/STD/75	70	70	30	1
DPV/STD/100	100	100	38	1
DPV/STD/125	125	125	48	1

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Drill Press Vices - Unigrip

DPV - UG

Manufactured from graded cast iron, these vices have a precision ground base and vice bed for smooth lateral movement of the movable jaw

Longitudinal & transversal prisms in the fixed jaw allow for firm gripping of round jobs of different sizes both horizontally & vertically, special seat in jaws facilitates retaining of flat work pieces

Vices are equipped with a convenient unigrip mechanism. Spindle moves inside the hollow hand grip allowing the vice to be used at a location away from the table edge. This feature increases the scope of application of this range of vices



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(mm)	(mm)	(mm)	
DPV/UG/75	80	75	30	1
DPV/UG/100	100	92	30	1
DPV/UG/125	120	110	35	1

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Drill Press Vices - Heavy Duty

DPV

Specially designed for use by professionals who require a heavy drill vice

Manufactured from close grained cast iron, the vice offers a ground vice bed for smooth and consistent jaw movement

Jaws are hardened and ground with cross patterned 90° V- grooves in the stationary jaw facilitating holding of round jobs both horizontally & vertically

Rugged design makes these vices perfect for even the most difficult of drilling, tapping & reaming operations



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(mm)	(mm)	(mm)	
DPV/100	100	100	35	1
DPV/120	120	150	42	1
DPV/150	150	170	50	1

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