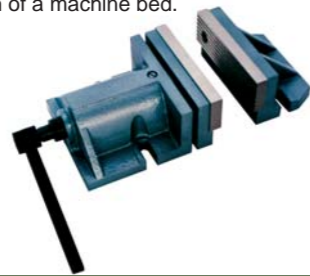


Quick Clamp Milling Vise

This vise is designed to handle extra long workpieces and make it possible to utilize the full length of a machine bed.

- Made of the highest quality casting
- Jaws are hardened and precision ground
- Machined keyways enable accurate set up



Model No.	Jaw Width	Jaw Depth	Key Slot Width	T-Slot Ctr. Distance	Clamp Travel
VISQC-6	6"	3"	11-16	2-1/4-2-3/4	1/4
VISQC-8	8"	3-1/4"	13-16	2-3/4-3-3/4	1/4

2-Way Angle Vise 4" & 6"

- Positive locking to withstand heavy loads
- Horizontal swivel movement 360°
- Vertical swivel movement 90°
- Totally enclosed acme thread screw
- Hardened and ground precision jaw
- Supplied with a forged steel crank



Model No.	Jaw Width	Jaw Depth	Jaw Opening	Overall Length	Overall Height
V2AV-4	4"	1-5/8"	2-3/4"	13-1/4"	5-9/16"
V2AV-6	6"	2"	5"	17-1/2"	7-3/8"

Tool Maker's Vise (Precision Screwless Vise)

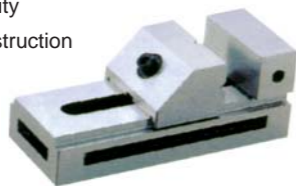
- Made from high carbon steel, Mn65, heat treated to HRC 58-62
- Oil hardened and precision ground
- Parallelism and perpendicular alignment of each side is 0.0002"
- Horizontal "V" on fixed jaw
- Fast spring action positive locking in 1/2" increment



Model No.	Jaw Width	Model No.	Jaw Width
VISTM-1	1"	VISTM-3	3"
VISTM-2	2"	VISTM-3.5	3-1/2"
VISTM-2.5	2-1/2"	VISTM-4	4"

Precision Toolmaker's Vises

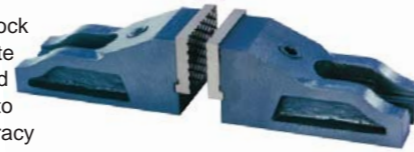
- Angled channel on vises for extra capacity
- Body made of solid one-piece steel construction
- Hardened and ground
- Greater jaw capacity
- Ground within 0.0005"
- Vees in the inside faces of jaws



Model No.	Cap	Jaw Ht	Length	Width	Height
VPT-314	3-1/4"	1"	5-7/8"	2"	2"
VPT-334	3-3/4"	1-1/16"	7-1/4"	2-7/8"	2-3/4"
VPT-412	4-1/2"	1-1/2"	8-1/4"	2-7/8"	3"
VPT-434	4-3/4"	1-7/16"	9"	4"	3"

Solid Vises

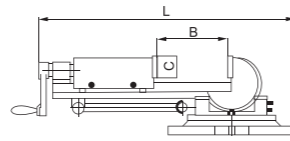
- Unlimited clamping capacity enabling full use of the machine table
- The clamping power on the work is increased by using the wedge principle
- By using soft jaws, bar or other irregularly shaped workpiece can be held easily
- The body and slide block are made of Meehanite and selected steel and are precision ground to maintain lasting accuracy



Model No.	Jaw Width	Jaw Depth	Max. Length Of Vise
VS-2	2-7/16"	2-3/4"	4-3/4"
VS-3	3-3/8"	3-1/4"	8-1/16"
VS-4	4-3/4"	5-5/16"	9-7/8"

Universal 3-Way Angle Machine Vise

Made of highest quality ductile iron. Angles can be set and securely locked in 3 directions. 360° graduated swivel base. Vises tilt up to 90° in the horizontal/vertical plane and up to 45° in both right and left directions.



Specifications

Model No.	Jaw Width A	Jaw Opening B	Jaw Height C	L	W	H	Vertical Height
V3AV-4"	4.17" 106mm	4.17" 106mm	1.50" 38mm	20.87" 530mm	9.13" 232mm	7.28" 185mm	19.69" 500mm

Precision Toolmaker's Vise

- Use this when precise holding is crucial
- All surfaces are hardened and precision ground
- Features horizontal and vertical V-grooves
- Offers square and parallel accuracy of ± .0002"
- Jaw size is 2-3/8" with a maximum opening of 2-1/8"



5" Sine Vise

Model from fine quality alloy steel, heat treated to HRC 58-62

Parallelism and Square is 0.0002"

Jaw width:3"

Dimensions:7-1/2" x 3 x 3-5/8"

Jaw capacity:4-3/4"

Jaw depth:1-1/4"

Weight:12.5lbs



Model No.:VISIN-5

Drill Press Vises

- Four slots for easy clamping to tables
- Guiding groove controls the parallel movement and rigidity of moveable jaw
- Replaceable steel jaws
- Handle adjust to any angle
- Body made of selected cast iron with blue finish
- Works well with high precision drilling machine



Model No.	Jaw Width	Jaw Opening	Model No.	Jaw Width	Jaw Opening
VISDP-3	3"	3"	VISDP-5	5"	5"
VISDP-4	4"	4"	VISDP-6	6"	6"

Drill Press Vise

Model No.	Opening of Jaw	Width Of Jaws (mm)
VDP-3	3"	75
VDP-4	4"	100
VDP-5	5"	125
VDP-6	6"	150
VDP-8	8"	200



Tilting Drill Press Vises

Gray crackle finish. Chrome clad screws and handle. Machined gibbs. Vise can be adjusted and locked anywhere between 0° and 90° horizontal and vertical. Precision graduation for accurate adjustment. Removable hardened jaws. 6 slots for easy mounting.

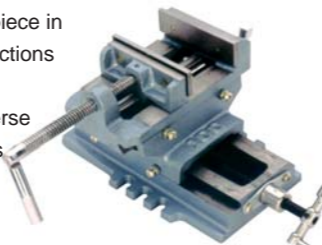


Model No.	Jaw Width	Jaw Opening	Jaw Depth	Oal
AAV-3	3-1/4	3-1/8	1-1/4	7-1/4
AAV-4	4-1/4	4-1/4	1-1/2	8-1/4

Cross Slide Vise

Heavy duty cross vise moves workpiece in both horizontal and longitudinal directions for precise centering and drilling.

- Independent cross feed and traverse
- Cast iron body with mounting lugs
- Adjustable gibbs
- Adjustable, Graduated dials



Model No.	Jaw Width	Jaw Depth	Jaw Opening	Height	Table Travel
VSCS-3	3"	1-1/8	2-3/4	4-5/8	3" x 5"
VSCS-4	4"	1-7/16	3-3/4	5-3/8	4" x 6"
VSCS-5	5"	1-9/16	4-3/4	6-1/8	5" x 7"
VSCS-6	6"	1-5/8	5-3/4	6-1/4	6" x 8"

Speed Handle For Milling Machine Vises

Save Time Quickly open and close vise jaws. 3/4" Hex Hub. Weight:2 lbs.



Model No.:VIS-H

Heavy Duty Multi-purpose Rotating Vises

Features:

- Full 360° rotational jaws
- Machine cut parallel jaws.
- Larger, stronger pipe jaws.
- Unique "V" jaws provide 4 Point holding power.



Head swivels 360°

Parallel Jaws

Model No.	Width	Open	Throat Depth	Pipe Jaws Max. Open	"V" Jaws Max. Open	Anvil Size
VSRHD-4	4"	3-1/2"	2-1/2"	2"	3-1/2"	2-3/8 x 3-1/8"
VSRHD-5	5"	4"	3-1/2"	3"	4"	2-1/2 x 3-1/2"
VSRHD-6	6"	5-1/4"	3-1/2"	6-1/4"	7-1/4"	3 x 4"

NEW Quick Vise

Craftsmen. Do-it-yourselfers. Gun smiths. Hobbyists. Plastic carvers. Welders. Model builders. Assemblers. Carpenters. Pattern makers. Cabinet makers. Tool makers. Repairmen.

More than a vise... A universal workshop tool!



Model No.:VQ

Specifications	
Height Overall	8-1/2"
Width Overall	11"
Jaw Height	2-1/2"
Jaw Width	3-1/2"
Jaw Opening, Opprox	5"
Removable Serrated Jaws	...for round up to 1-1/2" dia. and irregular shapes
Anvil	1-3/4" square
Material	Cast semi-steel; precision machined throughout
Operating Positions	Any position within a full circle, standing or laid flat



Accessories For added versatility

Clamp Base... Our newest accessory. provides a base for your vise anywhere. clamps on any flat surface. up to 2-1/2" and holds tight! Extra heavy, with two toggle clamps, the clamp Base gives the rigidity you need for toughest holding jobs.



Model No.:CB

Standard Base



Model No.:SB



Model No.:VKS

Model No.:Plastic Case