

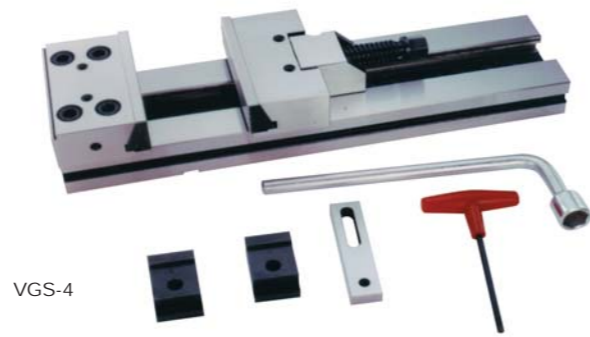
Modular Precision Ground Vises

Special Features:

- High accuracy-ground to 0.001" overall.
- Suitable for gang operation.
- Made out of high-alloyed quality steel.
- High clamping power.
- Low profile pull-down jaws.
- Unlimited clamping range.
- Can be used as singular vise of add bases to form a modular system.

Each Vise Comes Complete With:

- Hardened Keys.
- Hold Down Blocks.
- Work Stop.
- 2 Wrenches.



VGS-4

Model No.	Jaw Width (mm)	Jaw Height (mm)	Jaw Open (mm)	Length Of Vise Base (mm)	Max Clamping Force (kg)	Vise Weight (kg)
VGS-4	100	30	100	270	3000	7
VGS-5	125	40	150	345	3000	13
VGS-6A	150	50	200	420	5000	26
VGS-6B	150	50	300	520	5000	29
VGS-7A	175	60	200	455	6000	37
VGS-7B	175	60	300	555	6000	42
VGS-7C	175	60	400	655	6000	47
VGS-7D	175	60	500	755	6000	52
VGS-8A	200	65	200	495	10000	64
VGS-8B	200	65	300	595	10000	69
VGS-8C	200	65	400	695	10000	74
VGS-8D	200	65	500	795	10000	79
VGS-8E	200	65	600	895	10000	84

Heavy-duty Swivel Machine Vises

- Heavy-duty vises are tough and rugged for production, tooling and maintenance
- Each body casting is equipped with an extra duty, double ribbed forward section to provide unusual strength for milling, shaping, drilling and grinding
- Bases include a coolant through, an 11/16 keyway, and bolt slots
- Replaceable steel jaw plates are ground
- Vises rotate through a full circle and are removable from the swivel base



Model No.	Jaw Width	Jaw Depth	Jaw Opening	Overall Height	Weight (lbs)
VHDS-6	6"	2"	6"	5"	80
VHDS-8	8"	2-1/4"	8"	5-5/8"	150

Precision Milling Machine Vises With Lock Down Jaws

- Eliminates tilt
- Coolant through
- Enclosed lead screw
- Removable hinged handle for fast
- Provides better clamping pressure
- Eliminates hammering



Model No.	Jaw Width	Jaw Opening	Jaw Height	Throat Depth	Weight
VISLD-4	4"	4-1/8"	1-1/4"	1"	46 lbs
VISLD-6	6"	5-1/2"	1-3/4"	1-1/2"	95 lbs
VISLD-8	8"	8-1/8"	2-1/4"	1-3/4"	187 lbs

Precision Milling Machine Vise

- Each pound of force in horizontal induces one-half pound of downward force. Thus eliminating jaw tilt
- The vise bed is casted from 80,000 pound ductile iron which resists deflection bending
- The sliding surface of the vise bed is flame hardened and ground
- The swivel base is graduated 360 degrees
- Needed bearing of thrust collar
- Simple mechanism, free from disorders



Model No.	Jaw Width	Jaw Height	Max. Opening	Body Length	Overall Height
VIS-3	3"	1"	3"	11-4/5	3-3/4
VIS-4	4"	1-1/8	4"	12-9/16	3-3/8
VIS-5	5"	1-5/16	4-1/4	14"	3-13/16
VIS-6	6"	1-1/2	6-1/4	16-3/4	4-3/8
VIS-8	8"	2"	7-1/2	21-3/4	5-5/16
6" VISE WITH 7-1/2" JAW OPENING					
VIMA-6	6"	1-1/2	7-1/2	16-3/4	4-3/8

Precision CNC Machine Vise

- Manufactured to the same high standard of quality as our regular mill vise
- May be mounted on its side as well as upright
- Spherical segment allows multi-directional alignment-eliminating jaw lift and work tilt
- Rigid 80,000 lbs. Ductile iron body
- Thrust bearing increase
- Clamping pressure by 80%
- Ideal for multiple vise set-ups



Model No.	Jaw Width	Total Height	Max. Opening	Overall Length	Net Weight
VISCNC-4	4"	3-3/5"	4"	12"	33 lbs
VISCNC-6	6"	5"	5-7/8"	17.5"	67 lbs

6" Anglock-Type Precision Milling Vise

Specification:

- Max. Clamping Force.....10.000LBS
- Max. Opening......6"
- Jaw Width......6"
- Jaw Height......1-3/4"
- Overall Length......15"
- Net Weight......70LBS

Features:

- Pull-type design for up to 80% less deflection. All sides flatness to 0.001". Accuracy both sides, square to bottom to 0.0004" & parallel to each other to 0.0008".
- Can be mounted on side or base
- For use on NC/CNC machines.



Model No.:ALVIS-6

High Precision Vise

- Different kinds of high precision vise being small and light, is an indispensable machine tool precision fixture which is widely used in grinding process in machining dies, instruments as well as special measuring apparatus.



Model No.	Width of Jaw	Max. Opening of Jaws	Depth of Jaw	Overall dimensions
QG1850	50mm	32mm	20mm	170 x 50 x 40(mm)
QG1864	64mm	43mm	28mm	205 x 64 x 50(mm)
QG1876	76mm	50mm	32mm	224 x 76 x 58(mm)

Milling Machine Vise

- 4" wide hardened steel replaceable jaws. Capacity 1/2" to 2-1/2" round parts. Work rests on V-block made of hardened and ground tool steel. Has an adjustable sliding rod to set work in proper position. Vise ends are ground so that it can be used vertically or horizontally.



Model No.:VIS-R

Double Lock Precision Vise

- High efficiency and flexibility
- Reversible jaws can be changed from standard to stepped part holding mode for thin or small parts
- Every side of body is precision ground and the height matched within +0.15", can be mounted multiply in parallel or vertically
- High precision and rigidity
- Anti-tilt mechanism eliminates the lift of movable jaw
- The advanced structure can avoid clamping deflection by transmitting equal and opposing force into the stationary jaw
- Ductile cast iron body with hardened upper guide surface improved the rigidity and wear resistance
- Parallel: 0.0008"



Model No.	Jaw Width	Jaw Height	Vise Height	OAL	Weight
VISDL-4	4	1-1/2	4"	19"	16.6
VISDL-6	6	1-1/2	5	24	50Kg

Hydraulic Power Machine Vise

- High precision, excellent rigidity
- The accuracy is ± 0.005mm
- Made of selected special alloy steel, hardened and precision ground
- Fastening power is 10x stronger than the normal machine vise and can be firmly clamped quickly ensuring the safety operation
- Operation is smooth and easy
- Weight: 165 lbs.
- Clamping Force(4000kg)



V-Q52150

V-Q52160

Model No.	Jaw Width	Jaw Height	Max. Opening(mm)	G.W/N.W	Packing Volume
V-Q52160	160	51	125	57/50	60 x 33 x 24
V-Q52150	152	52	320	55/48	71 x 31.5 x 21
V-Q52200	200	63	160	70/64	64 x 36 x 36