

## High Precision Industrial Machine Vises

### Quality Features common to all Vises

**Construction & Finish:**

Manufactured from close grained hi tensile seasoned cast iron, with scratch & rust proof superior polychromatic grey body

**Jaws:**

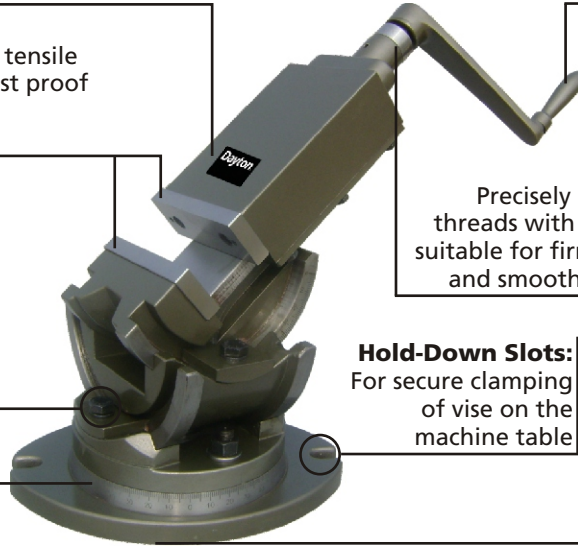
Fully Hardened (55 ± 3 HRC) and ground tool steel jaws with parallelism within 0.0012"

**Fasteners:**

Hi-tensile grade 10.8 fastners provide strength and rigidity

**Swivel Base:**

In-built 360° swivel base graduated in 1° increments



**Handle:**

Ergonomically designed all steel handle for stress free operation

**Spindle:**

Precisely cut spindle threads with pitch most suitable for firm gripping and smooth operation

**Hold-Down Slots:**

For secure clamping of vise on the machine table

**Bearing Surface:**

Precision Ground. Flatness within 0.0012"

### MILLING MACHINE VISES

- >360° swivel base rotation
- >For use in milling, jig boring, grinding and shaping jobs.

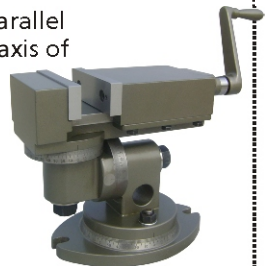
CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPE8	4"	4"	1.1/2"
4CPE9	6"	6"	1.3/4"



### UNIVERSAL VISE

- >Rotation along 360° swivel base, axis parallel to swivel base & axis perpendicular to axis of swivel base
- >For use in even the most complicated grinding jobs where low height setting is required

CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPF7	4"	4"	1.1/2"



### ANGULAR MACHINE VISES-2 WAY

- >Angular adjustment with 0-90° rotation along the vertical scale & 360° rotation along the swivel base
- >Allows angular machining of the workpiece

CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPF1	4"	4"	1.1/2"
4CPF2	6"	6"	1.3/4"



### SELF CENTERING VISES

- >Movable jaws for accurate centering of jobs, 360° swivel base
- >For use in milling, slot and groove cutting jobs

CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPF5	4"	4"	1.1/2"
4CPF6	6"	6"	1.3/4"



### TILTING VISES - 3 WAY

- >3 way axis setting: 0-90° movement along the angular slide, 0-45° movement along the tilting slide & 360° rotation along the swivel base
- >For use in special milling, drilling, grinding, shaping and jig boring jobs.

CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPF3	4"	4"	1.1/2"
4CPF4	6"	6"	1.3/4"



### ROTARY HEAD MILLING VISES

- >360° swivel base
- >Fixed jaw with 4 faces, each with a different jaw option: Plain, Vertical V, Horizontal V, Prismatic
- >Jaws can be changed with simple rotation of rotary head, & fixed with 2 hex bolts

CAT NR.	JAW WIDTH	JAW OPENING	THROAT DEPTH
4CPF8	4"	4"	1.1/2"
4CPF9	6"	6"	1.3/4"

