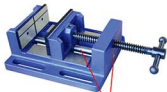




LOW PROFILE DRILL PRESS VISES

Central Sliding Bar type



Central Sliding Bar

- **HEAVY CONSTRUCTION.**
- Designed for drilling, tapping and reaming.
- Hardened "V" grooved jaws hold round stock both vertically and horizontally.
- Durable construction with fine grain cast iron castings.
- Base has four 1/2" shoulder slots for quick mounting onto machine table.
- Black oxide coated ACME threaded screw for consistent clamping pressure.
- Bases and beds parallel $\pm 0.001"$ (0.025mm).

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5001-03	EDV-3CSB	75 / 3"	76 / 3"	35 / 1-3/8"	4 / 8.8
5001-04	EDV-4CSB	100 / 4"	102 / 4"	46 / 1-3/4"	6 / 13.2
5001-06	EDV-6CSB	160 / 6"	152 / 6"	53 / 2"	15 / 33
5001-08	EDV-8CSB	200 / 8"	203 / 8"	53 / 2"	24 / 52.8

* Any specifications may be changed without notice.

A-type DRILL PRESS VISES



- Sturdy for general drilling work.
- Body and slide of quality cast iron.
- 4 lug bolt slots for mounting to drill press table.
- High quality steel for main screw with handle.
- Plain jaws of high quality steel.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5002-03	EDV-3A	80 / 3"	76 / 3"	20 / 13/16"	1.9 / 4.2
5002-04	EDV-4A	102 / 4"	102 / 4"	28 / 1-1/8"	2.8 / 6.2
5002-05	EDV-5A	126 / 5"	120 / 4-3/4"	28 / 1-1/8"	4.1 / 9
5002-06	EDV-6A	150 / 6"	142 / 5-5/8"	28 / 1-1/8"	5.2 / 11.5
5002-08	EDV-8A	200 / 8"	165 / 6-1/2"	32 / 1-1/4"	9.2 / 20.3

* Any specifications may be changed without notice.

J-type DRILL PRESS VISES



- Sturdy for general drilling work.
- Four bolt lugs for rigid mounting to drill press table.
- High tensile iron casting.
- High quality steel for main screw with handle.
- Steel jaw plates of special steel.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5003-03	EDV-75J	75 / 3"	70 / 2-3/4"	26 / 1"	2.5 / 5.5
5003-04	EDV-100J	100 / 4"	95 / 3-3/4"	32 / 1-1/4"	3.5 / 7.7
5003-05	EDV-125J	125 / 5"	120 / 4-3/4"	34 / 1-5/16"	5.7 / 12.6
5003-06	EDV-150J	150 / 6"	148 / 5-13/16"	34 / 1-5/16"	7.5 / 16.5

* Any specifications may be changed without notice.



2-WAY INDUSTRIAL DRILLING & MILLING VISE

Industrial Grade



- **HEAVY CONSTRUCTION.**
- Precision ground end face allows for right angle machining with the same machine setting.
- Made from high grade cast iron and hardened steel vise jaws.
- Hardened V Grooved Jaws hold round shaped objects both vertically and horizontally.
- Ground Vise Bed for smooth, consistent and precise jaw movement.
- T-bar for extra leverage.
- General purpose vise for drilling, milling and grinding applications.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5004-05	EDV-125V	125 / 5"	110 / 4.33"	50 / 2"	10.5 / 23

* Any specifications may be changed without notice.

3-WAY DRILL PRESS VISES



- Full ground end face allows for right angle machining with the same machine setting.
- Spindle moves inside hollow hand grip.
- Durable construction with fine grain cast iron castings and hardened steel vise jaws
- Fixed jaw horizontal and vertical prismatic section.
- Jaw width acts as jaw height facilitating longer workpieces to be held.
- T-bar for extra leverage.
- Popularly used in tool rooms and machine shops for small work.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5005-04	EDV-4HV	100 / 4"	95 / 3-3/4"	34 / 1-5/16"	4.8 / 10.56
5005-05	EDV-5HV	125 / 5"	100 / 4-5/16"	34 / 1-5/16"	6.8 / 14.96
5005-06	EDV-6HV	150 / 6"	130 / 5-1/8"	40 / 1-9/16"	7.8 / 17.16

* Any specifications may be changed without notice.



EU-type DRILLING MACHINE VISES



- Spindle retracts into handle. Consistent overall length.
- Movable jaw with guideeas at the sides.
- Durable construction with fine grain cast iron castings and hardened steel vise jaws.
- Fixed jaw with horizontal and vertical prismatic section can clamp different shaped workpieces in different positions.
- Jaws through hardened and ground.
- Popularly used in tool rooms and machine shops for drilling, tapping and reaming.
- T-bar for extra leverage.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5006-03	EDV-85EU	85 / 3-3/8"	70 / 2-3/4"	27 / 1-1/16"	3 / 6.6
5006-04	EDV-100EU	100 / 4"	100 / 4"	30 / 1-3/16"	4.2 / 9.3
5006-05	EDV-120EU	120 / 5"	120 / 4-3/4"	30 / 1-3/16"	5.2 / 11.5
5006-06	EDV-150EU	150 / 6"	142 / 5-5/8"	30 / 1-3/16"	7.5 / 16.5

* Any specifications may be changed without notice.

EUE-type DRILLING MACHINE VISES



- Durable construction with fine grain cast iron castings and hardened steel jaws.
- Fixed jaw with horizontal and vertical prismatic section can clamp different shaped workpieces in different positions.
- Jaws through hardened and ground.
- Popularly used in tool rooms and machine shops for drilling, tapping and reaming.
- T-bar for extra leverage.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5007-03	EDV-75EUE	75 / 3"	60 / 2-3/8"	27 / 1-1/16"	1.8 / 3.9
5007-04	EDV-100EUE	100 / 4"	90 / 3-1/2"	30 / 1-3/16"	3.2 / 7
5007-05	EDV-125EUE	125 / 5"	115 / 4-1/2"	30 / 1-3/16"	4.4 / 9.7
5007-06	EDV-150EUE	150 / 6"	145 / 5-3/4"	30 / 1-3/16"	5.9 / 13
5007-08	EDV-200EUE	200 / 8"	180 / 7"	45 / 1-3/4"	14 / 30.8

* Any specifications may be changed without notice.

MINI DRILL PRESS VISES



- Sturdy and handy design
- Popularly used in tool rooms and machine shop for small work.
- Steel jaw is grooved horizontally and vertically for holding round pieces.
- Black oxide coated ACME threaded lead screw.
- High tensile iron casting.
- T-bar for extra leverage.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5008-50	EDV-50M	50 / 2"	40 / 1-9/16"	25 / 1"	1.5 / 3.3
5008-60	EDV-60M	60 / 2-3/8"	45 / 1-3/4"	25 / 1"	1.7 / 3.8
5008-65	EDV-65M	65 / 2-9/16"	50 / 1"	25 / 1"	1.9 / 4.2

* Any specifications may be changed without notice.



STANDARD DRILL PRESS VISES

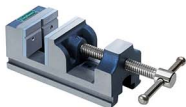


- Can be used on all sides and end.
- Designed for drilling, tapping and reaming.
- Hardened steel jaw is grooved horizontally and vertically for holding round pieces.
- Machine parallel and square.
- Rugged cast iron constructions.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5009-15	ESV-15	38 / 1-1/2"	38 / 1-1/2"	24 / 15/16"	0.93 / 2
5009-25	ESV-25	62 / 2-7/16"	62 / 2-7/16"	32 / 1-1/4"	2.2 / 4.8
5009-35	ESV-35	90 / 3-1/2"	83 / 3.27"	36 / 1.42"	4.0 / 8.8
5009-45	ESV-45	112 / 4-7/16"	100 / 3-15/16"	43 / 1.69"	5.8 / 12.8

* Any specifications may be changed without notice.

DG-type PRECISION GROUND STANDARD DRILL PRESS VISES



- Precision grinding of sides and front side face permits additional mounting positions for drilling, tapping or reaming.
- With machined grooves on both sides of body can be clamping machine table.
- Body and sides are ground perfectly parallel.
- Hardened steel jaw is grooved horizontally and vertically for holding round pieces.
- Rugged cast iron constructions.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5010-25	ESV-25DG	62 / 2-7/16"	62 / 2-7/16"	32 / 1-1/4"	2.1 / 4.6
5010-35	ESV-35DG	90 / 3-1/2"	83 / 3.27"	36 / 1.42"	3.8 / 8.4
5010-45	ESV-45DG	112 / 4-7/16"	100 / 3-15/16"	43 / 1.69"	5.5 / 12

* Any specifications may be changed without notice.

INDUSTRIAL DRILL PRESS VISES



- Durable construction with high grade cast iron and are precision ground.
- Versatile vises machined on four sides.
- Hardened steel jaws is grooved horizontally and vertically for holdin round pieces.
- Designed for drilling, tapping and reaming operations.
- Base and bed parallel to $\pm 0.001"$.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5011-40	ESV-41ND	100 / 4"	100 / 4"	38 / 1-1/2"	4.7 / 10.4
5011-60	ESV-61ND	160 / 6"	150 / 6"	47 / 1-7/8"	11.5 / 25.3

* Any specifications may be changed without notice.



GENERAL PURPOSE DRILL PRESS VISE



- Handy, general purpose vise that every shop needs. Recommended for use on drill presses, mill / drills, milling machines and any other machine tool where secure mounting is required.
- Hardened V grooved jaws hold round shaped objects both vertically and horizontally.
- Two bolt lugs for mounting to machine table.
- Rugged cast iron constructions.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5012-30	ESV-P320	83 / 3-1/4"	83 / 3-1/4"	35 / 1-3/8"	4 / 8.8

• Any specifications may be changed without notice.

UTILITY VISE



- This is a utility vise recommended for use when a lower profile vise is preferred.
- Moveable jaw is grooved vertically.
- Base includes three bolt lugs for versatility in mounting.
- Designed for drilling, tapping and milling operations.
- Durable construction with high grade cast iron.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5013-36	ESV-P770	95 / 3-3/4"	98 / 3-7/8"	43 / 1-11/16"	6.4 / 14

• Any specifications may be changed without notice.

G-type DRILLING MACHINE VISES



- Durable construction with fine grain cast iron castings and hardened steel vise jaws.
- Hardened V Grooved Jaws hold round shaped objects both vertically and horizontally.
- Ground Vise Bed for smooth, consistent and precise jaw movement.
- General purpose vise for drilling, tapping, reaming, milling and grinding.

mm / inches					
Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5014-03	EDV-80G	80 / 3-1/8"	76 / 3"	30 / 1-3/16"	3 / 6.6
5014-04	EDV-100G	100 / 4"	100 / 4"	40 / 1-9/16"	5 / 11
5014-05	EDV-125G	127 / 5"	130 / 5"	50 / 2"	8.7 / 19

• Any specifications may be changed without notice.



CR-type ANGLE DRILL PRESS VISES

Cradle Style



- Cradle design with 90° vertical indexing, scaled in 1° increments.
- Side tommy bar allows secure locking at any increment from 0° ~ 90°.
- Pin stops every 15° for quick angle setups.
- The central sliding bar can strengthen accuracy lifetime.
- Durable construction with fine cast iron castings and hardened steel jaws.
- Designed for drilling, tapping, reaming, milling and grinding.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5015-30	EAV-3CR	75 / 3"	76 / 3"	35 / 1-3/8"	5.8 / 12.8
5015-40	EAV-4CR	100 / 4"	102 / 4"	46 / 1-13/16"	8.5 / 18.7

* Any specifications may be changed without notice.

CX-type ANGLE DRILL PRESS VISES

Cradle Style



- Full 90° adjustment from horizontal to vertical with easy-to read scale and locks with bolt.
- Steel jaw grooved horizontally and vertically for holding round pieces.
- Base with multi-bolt slots for easy mounting on working table.
- High tensile iron casting.
- For drill press, milling machine, grinder and bench work.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5016-35	EAV-35CX	90 / 3-1/2"	80 / 3-3/16"	35 / 1-3/8"	4.8 / 10.6
5016-40	EAV-40CX	100 / 4"	102 / 4"	38 / 1-7/16"	6 / 13.2

* Any specifications may be changed without notice.

ANGLE DRILL PRESS VISES

General Purpose



EAV-35



EAV-35SB
With Swivel Base

- Setup at any vertical angle between 0 and 90°.
- Locks with four bolts and two side plates.
- Steel jaw grooved horizontally and vertically for holding round pieces.
- High tensile iron casting.
- Vises have bolt lugs for easy mounting.
- Designed for drilling, tapping, reaming, and grinding.
- Model EAV-25SB, 35SB and 45SB comes with robust 360° swivel base.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5017-25	EAV-25	63 / 2-1/2"	50 / 2"	32 / 1-1/4"	3.1 / 6.8
5017-35	EAV-35	89 / 3-1/2"	86 / 3-3/8"	32 / 1-1/4"	4.6 / 10
5017-45	EAV-45	112 / 4-3/8"	98 / 3-7/8"	41 / 1-5/8"	7.5 / 16.5
5018-25	EAV-25SB	63 / 2-1/2"	50 / 2"	32 / 1-1/4"	4.2 / 9.2
5018-35	EAV-35SB	89 / 3-1/2"	86 / 3-3/8"	32 / 1-1/4"	6.3 / 13.9
5018-45	EAV-45SB	112 / 4-3/8"	98 / 3-7/8"	41 / 1-5/8"	10.3 / 22.7

* Any specifications may be changed without notice.



ZX-type ANGLE DRILL PRESS VISES

With Swivel Base

Industrial Grade



- Handy robust angle vises are indispensable for work that requires frequent angle setups, including drilling, tapping, reaming, milling, and grinding.
- Angle hinge is graduated in 1 degree increments from 0 to 90 degrees.
- Hinge pin hole is precision drilled and reamed for smooth accurate angle settings, with no lateral end play.
- Can be mounted with or without the swivel base.
- Both the swivel base and angle vise feature two 5/8" bolt slots for mounting.
- Durable construction with fine cast iron castings and hardened steel jaws.
- Base and bed are parallel to 0.004" in with the jaw surface square to 0.002".

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5019-40	EAV-4ZX	100 / 4"	100 / 4"	45 / 1-3/4"	18 / 39
5019-60	EAV-6ZX	160 / 6"	180 / 7"	52 / 2"	40 / 88

• Any specifications may be changed without notice.

HD-type INDUSTRIAL ANGLE VISE

With Swivel Base



- Heavy duty angle vise for milling or other demanding machine applications.
- Solid iron construction with stress relieved design.
- Finely etched hinge boss is graduated in 1° increments from 0 to 45°
- Vise can be raised up to 45° and securely locked in place for rapid angular setups without the use of blocks or wedges.
- Removable swivel base graduated in 1° increments a full 360°.
- Replaceable, smooth jaw plates constructed of hardened and ground tool steel.
- Oversize angle hinge eliminates horizontal play.
- Knurled socket-head bolts with lock washers on side plates for quick, secure locking.
- Lugs in both vise and swivel base for mounting to machine table.
- Vise can be used with or without swivel base.
- Trapezoidal-thread lead screw with large cast-iron crank handle.
- Made from high grade cast iron and hardened steel vise jaws.
- Base and bed parallel to 0.1m/m(0.004").
- Jaw surface square to 0.05m/m(0.002").
- Less than 0.1m/m(0.004") jaw deflection at 4,000 lbs clamping pressure.

mm / inches

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	Weight Kgs / Lbs
5020-60	EAV-6HD	160 / 6"	160" / 6"	50 / 2"	51 / 113

• Any specifications may be changed without notice.



PW-type CROSS SLIDE DRILL PRESS VISES



- Heavy-duty cross slide vise.
- Provides quick and precise positioning along the X and Y axis.
- Cast side knobs accurately dial in .1mm increments.
- Hardened V grooved jaws hold round shaped objects both vertically and horizontally.
- Durable construction with fine grain cast iron castings.
- Durable base has 5 bolt lugs for easy mounting on a machine table.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5021-30	ECV-3PW	75 / 3"	76 / 3"	35 / 1-1/8"	7.5 / 16.5
5021-40	ECV-4PW	100 / 4"	102 / 4"	46 / 1-5/8"	9.5 / 20.9
5021-50	ECV-5PW	125 / 5"	125 / 5"	50 / 1-15/16"	19 / 41.8
5021-60	ECV-6PW	160 / 6"	152 / 6"	53 / 2"	28 / 61.6
5021-80	ECV-8PW	200 / 8"	203 / 8"	53 / 2"	37 / 79.2

• Any specifications may be changed without notice.

CROSS SLIDE DRILL PRESS VISES



- For quick and precise X and Y axis positioning.
- Secures work piece firmly and accurately on drill press table.
- Plain jaws of high quality steel.
- Quality construction with acme threads, adjustable gibs.
- Three bolt lugs on each side of the base to match most table configurations.
- Body and slide of quality cast iron.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5022-30	ECV-3	80 / 3"	65 / 2.56"	30 / 1-3/16"	5.8 / 12.8
5022-40	ECV-4	100 / 4"	90 / 3.54"	33 / 1-5/16"	7.8 / 17.2
5022-50	ECV-5	125 / 5"	135 / 5.31"	38 / 1-1/2"	10.7 / 23.6
5022-60	ECV-6	152 / 6"	150 / 5.91"	42 / 1.65"	15.5 / 34.1
5022-80	ECV-8	205 / 8"	183 / 7.20"	45 / 1.77"	23.5 / 51.7

• Any specifications may be changed without notice.

R-type CROSS SLIDE DRILL PRESS VISES



- For quick and precise X and Y axis positioning.
- Secures work piece firmly and accurately on drill press table.
- Plain jaws of high quality steel.
- Quality construction with acme threads, adjustable gibs.
- Four lug bolt slots on each side of the round base to match most table configurations.
- Body and slide of quality cast iron.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5023-30	ECV-3R	80 / 3"	65 / 2.56"	30 / 1-3/16"	5.5 / 12.1
5023-40	ECV-4R	100 / 4"	90 / 3.54"	33 / 1-5/16"	7.6 / 16.7
5023-50	ECV-5R	125 / 5"	123 / 5.31"	38 / 1-1/2"	12.5 / 27.5
5023-60	ECV-6R	152 / 6"	150 / 5.91"	42 / 1.65"	17.5 / 38.5
5023-80	ECV-8R	205 / 8"	183 / 7.20"	45 / 1.77"	23.5 / 51.7

• Any specifications may be changed without notice.



X-type DRILLING MACHINE VISES

Industrial Grade



- Durable construction with high grade cast iron.
- Steel jaws through hardend and ground.
- Fixed jaw with horizontal and vertical prismatic section can clamp different shaped workpieces in different positions.
- Both jaws are stepped at the top to clamp flat parts.
- Sturdy design with strong spindle.
- Precise clamping due to long flat parts.
- Designed for drilling, milling and tapping operations.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5024-04	EDV-100X	100 / 4"	100 / 4"	35 / 1-3/8"	8.2 / 18
5024-05	EDV-125X	125 / 5"	125 / 5"	40 / 1-9/16"	10 / 22
5024-06	EDV-150X	150 / 6"	150 / 6"	50 / 2"	25 / 55

* Any specifications may be changed without notice.

HEAVY DUTY DRILLING MACHINE VISES

Industrial Grade



- Heavy construction with fine cast iron.
- Steel jaw through hardened and ground.
- Jaw with horizontal and vertical prismatic profiles for round workpieces.
- Both jaws are stepped at the top to clamp flat parts.
- Sturdy design with strong spindle.
- Precise clamping due to long flat parts.
- Designed for drilling, milling and tapping operations.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5025-04	EDV-100HD	100 / 4"	110 / 4.33"	44 / 1-3/4"	8.6 / 18.9
5025-05	EDV-125HD	125 / 5"	135 / 5-5/16"	44 / 1-3/4"	11.5 / 25.3
5025-55	EDV-140HD	140 / 5-1/2"	140 / 5-1/2"	44 / 1-3/4"	15.5 / 34.1
5025-08	EDV-200HD	200 / 8"	200 / 8"	60 / 2-3/8"	32 / 70.4

* Any specifications may be changed without notice.

PN-type QUICK ACTION VISES



EQV-3PN



EQV-4PN, -6PN, -8PN

- Push or pull on center bar knob for quick lock and release of workpiece.
- Center bar and locking mechanism is made of high quality steel, hardened, and ground.
- Locking clamp mechanism provides smooth, accurate holding.
- Adjustable screw for custom clamping forces.
- Replaceable jaws are ground flat.
- General purpose vise for drilling, tapping, reaming, etc.
- Body made of cast iron.

Order No.	Model No.	Jaw Width	Jaw Opening	Jaw Depth	mm / inches
					Weight Kgs / Lbs
5026-03	EQV-3PN	75 / 3"	75 / 3"	25 / 1"	3.8 / 8.3
5026-04	EQV-4PN	100 / 4"	102 / 4"	38 / 1-1/2"	8 / 17.6
5026-06	EQV-6PN	160 / 6"	152 / 6"	42 / 1-5/8"	15 / 33
5026-08	EQV-8PN	200 / 8"	203 / 8"	42 / 1-5/8"	24 / 52.8

* Any specifications may be changed without notice.