

B.R. PRECISION ANGULAR SINE VICE



B.R. PRECISION ANGULAR SINE VICES 100 - 140



Model Type: BR SIN VICE-100-140

Description

Angular Sine vice is an indispensable item of equipment of the modern toolroom. It has been designed to rigidly hold in position components having angular facings. Surface Grinding, tool and cutter grinding and jig boring. The tool may also be used to advantage in the inspection Department, where angular components can be speedily and accurately tested to within 15 seconds of arc.

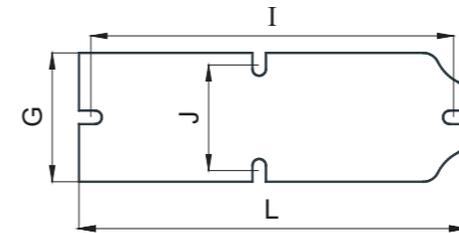
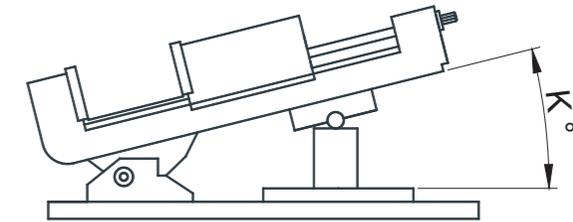
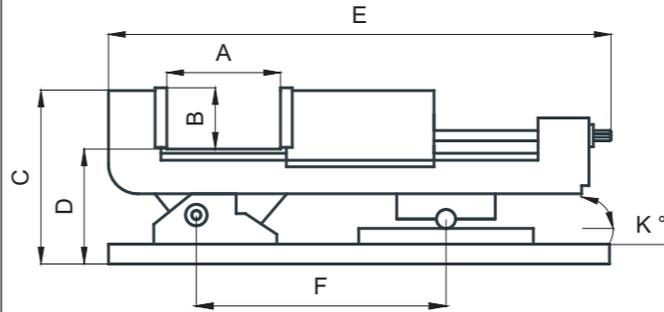
Key Feature

- Tenon slot Ground at Longitudinal and Cross.
- High Rigid and Easy to Clamp it's easy to Set Tilting Angle.
- Jaw plates are made out of tool steel, hardened and ground with V-Grooves at Horizontally and vertical can hold shafts on either sides of the 'V' Groove for small components and Tapped stopper holes made at Jaw plate side face.
- Clamping Slots on 4 Directionals at Butting Face



Trouble Free Performance

Mechanical Operated



Operation

BR Precision Angular Sine Vice The Design is Based on sine Bar and any Angle upto 45° can be accurately set by using measuring blocks conforming to the required Dimensions, Which is obtained from the table of sine bar constant. The set Blocks platform mounted on the base is precision ground and lapped, The upper locating point is a super finished cylinder set into the Tilting Member

Model Types. & Dimensions Mechanically Operated

Specifications	Model Type BR-SINE VICE-100	Model Type BR-SINE VICE-140
	↓	↓
Width of jaws (G)	90 mm	140 mm
Depth of jaws (B)	35 mm	45 mm
jaws opening range (A)	0-70 mm	0-150 mm
Height of work face (D)	78 mm	115 mm
Total Height of vice (C)	115 mm	162 mm
Total Width of Base (G)	105 mm	140 mm
Total length of Base (E)	250 mm	362 mm
Tilting Angle (K)	0 - 45° Degree	0 - 45° Degree
Roller Center Distance (C.D)	140 mm	185 mm
Tenon Slots	14 mm	14 mm
Clamping Open Slot 4 sides	14 mm	14 mm
P.C.D for Slots Longitudinal and Cross (I, J)	234mm x 89mm	346mm x 124 mm
Weight (App)	12 kgs	25 kgs

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Warranty: One year conditional warranty on manufacturing defects