

## INDEXA Drill Press Vices

Available in four different jaw widths. For drilling, light milling, vertical and horizontal work. One grooved and one plain replaceable jaw for square and hexagonal shapes across flats or corners, thin strips and discs. Jaws and lead screw are hardened and ground.



Jaw Width	Jaw Opening	Order Code IND-445
85mm	70mm	-0010K
100mm	85mm	-0020K
120mm	120mm	-0030K
150mm	150mm	-0040K

## Toolmaker's Vices - Plain Jaw

Manufactured from high quality alloy steel, case hardened to HRC 58 - 62. For wire cutting, machining, measurement and inspection. With a dowel pin quick release mechanism with linear scale for accurate alignment.

**Accuracy:** 0.003mm.



Jaw Dimensions Width x Opening x Height	Overall Length	Weight each	Order Code IND-445
60 x 80 x 28mm	175mm	3.9kg	-0200K

## Precision Toolmaker's Vices

Squareness and parallelism to within **0.003mm**. Designed for precision grinding and many other tool room applications.



Jaw Dimensions Width x Opening x Height	Overall Length	Weight each	Order Code IND-445
73 x 100 x 35mm	205	5.00kg	-0430K
100 x 125 x 45mm	255	13.00kg	-0450K

## Modular Precision Machine Vices

Precision modular vices are designed to be used on standard and CNC machines for precision grinding and milling. The vice could be set up individually or work in multiples, on tables or palletised components depending on the machined material dimensions. Made from hardened high grade alloy steel.

**Perpendicular accuracy:** 0.005mm.

**Parallelism:** 0.005mm.



**Accessories:**  
L-wrench, T-wrench, vice holding clamp, work stop with main bolt, positioning key-nuts etc.

Jaw Width x Opening x Height	Overall Length	Clamping Force	Weight each	Order Code IND-445
125 x 150 x 40mm	345mm	3000kg	12.70kg	-0620K
150 x 200 x 50mm	420mm	5000kg	25.60kg	-0640K
150 x 300 x 50mm	520mm	5000kg	29.50kg	-0660K

## Toolmaker's Vice - V-Groove Jaw

Manufactured from high quality alloy steel, case hardened to HRC 58 - 62. With a rack quick release mechanism.

**Accuracy:** 0.003mm.



Jaw Dimensions Width x Opening x Height	Overall Length	Weight each	Order Code IND-445
63 x 85 x 32mm	170mm	2.95kg	-0330K

## ATLAS WORKHOLDERS Bench Shears

Hand operated, compound lever action bench shears. Capable of rapidly cutting through metal plate, strip and bar. Solid steel frame for rigidity and strength. With hardened and precision ground blades for accurate cutting. Adjustable blade guard.



Model Number	Plate (mm)	Angle Plate	Maximum Strip	Bar (mm)	Jaw Width	Weight each	Order Code ATL-448
BS120	4	-	5 x 70	10	120	8.3kg	-1200K
BS200	6	-	7 x 70	13	200	20.1kg	-2000K
BS406	8	40 x 6	10 x 100	16	200	46.6kg	-3000K

Description	Weight each	Order Code ATL-567
Top Blade for ATL-448- 1200K Shear	445g	-3100K
Bottom Blade for ATL-448- 1200K Shear	250g	-3110K
Top Blade for ATL-448- 2000K Shear	1.4kg	-3150K
Bottom Blade for ATL-448- 2000K Shear	790g	-3160K
Top Blade for ATL-448- 3000K Shear	430g	-3200K
Bottom Blade for ATL-448- 3000K Shear	220g	-3210K
Handle for ATL-448-1200K Shear		-3300K
Handle for ATL-448- 2000K Shear		-3320K