

WEDGE ACTION GRIPS

Sliding Wedge, Self Tightening Grip, Manual and Pneumatic



General purpose sliding wedge, self tightening grips supplied with straight cut faces as standard. Two additional face options are available. Tensile testing of flat or round plastics and light metals etc. by stretching a sample to break and recording the relationship between force and extension.

Specification

Maximum Capacity	: 1,5,10 and 20 KN
Length Each	: 125mm
Gripping Length	: 25, 50, 60 and 100mm
Eye End Diameter	: 35.85 mm
Sample Thickness for flat specimen	: 1-15 mm
Sample Diameter for flat specimen	: 1-15 mm
Maximum Sample Width	: 25, 50, 75 and 100 mm
Temperature Limits	: -100° to 400° C

Capstan Action Wedge Grip, Manual and Pneumatic



Capstan Action Parallel Wedge Grip supplied with straight cut faces for flat samples as standard. Capstan action enables the sample to be held tightly in the jaws before commencing the test. Tensile testing of flat or round rigid materials, general metallurgical and composite applications are stretching a sample to break and recording the relationship between force and extension.

Specification

Maximum Capacity	: 10, 20, 50, 100 and 250 KN
Length Each	: 195mm
Gripping Length	: 25, 50, 60 and 100mm
Eye End Diameter	: 35.85 mm
Sample Thickness for flat specimen	: 1-15 mm
Sample Diameter for flat specimen	: 1-15 mm
Maximum Sample Width	: 25, 50, 75 and 100 mm
Temperature Limits	: -100° to 400° C

Heavy Duty Capstan Action Wedge Grip



In Heavy Duty Capstan Action Parallel Wedge Grip, Capstan action enables the sample to be held tightly in the jaws before commencing the test. It is available with a range of interchangeable jaw faces. Tensile testing for general metallurgical and composite applications are stretching a sample to break and recording the relationship between force and extension.

Specification

Maximum Capacity	: 50, 100, 250 and 400 KN
Length Each	: 195mm
Gripping Length	: 100mm
Eye End Diameter	: 50 mm
Sample Thickness for flat specimen	: 0-25 mm
Sample Diameter for flat specimen	: 2-25 mm
Maximum Sample Width	: 100 mm
Temperature Limits	: -100° to 400° C

Circular Low Force Direct Compression Platens



Circular direct compression platens for performing General purpose low force compression tests.

Specification

Maximum Capacity	: 50 KN
Minimum Load Cell	: 20 N
Load Cell Fitting (screw)	: 9.52 mm
Maximum Sample Diameter	: 36 mm
Temperature Limits	: -100° to 400° C
Screw Thread	: 3/8 - 24 UNF

Rectangular Direct Compression Platens



Rectangular direct compression platens for samples up to 175mm x 115mm (6.9 x 4.5 in) General compression testing for a wide range of materials and products for the purpose of determining one or more of the following compressive properties:

- Compressive Yield Stress
- Compressive Strength
- Offset Yield Stress
- Percentage Compressive Strain at Compressive Yield Stress
- Percentage Compressive Strain at Rupture
- Compressive Stress at Specified Compressive Strain

Specification

Maximum Capacity	: 100 KN
Maximum Sample Dimensions	: 175 x 115 mm
Eye End Diameter	: 15.85 mm
Temperature Limits	: -100° to 400° C

Circular Compression Jig with Linear Bearing Guides



Circular compression jig with linear bearing guides to maintain parallel alignment of face plates. Compression testing of corrugated cardboard and paper products. A test piece of corrugated cardboard or paper is placed between the platens of a crush tester with the flutes perpendicular to the platens. It is then subjected to compression until failure. The maximum force sustained by the test piece is measured.

Specification

Maximum Capacity	: 200 KN
Maximum Sample Diameter	: 115 mm
Eye End Diameter	: 31.7mm
Temperature Limits	: -100° to 400° C

Heavy Duty Circular Compression Platens

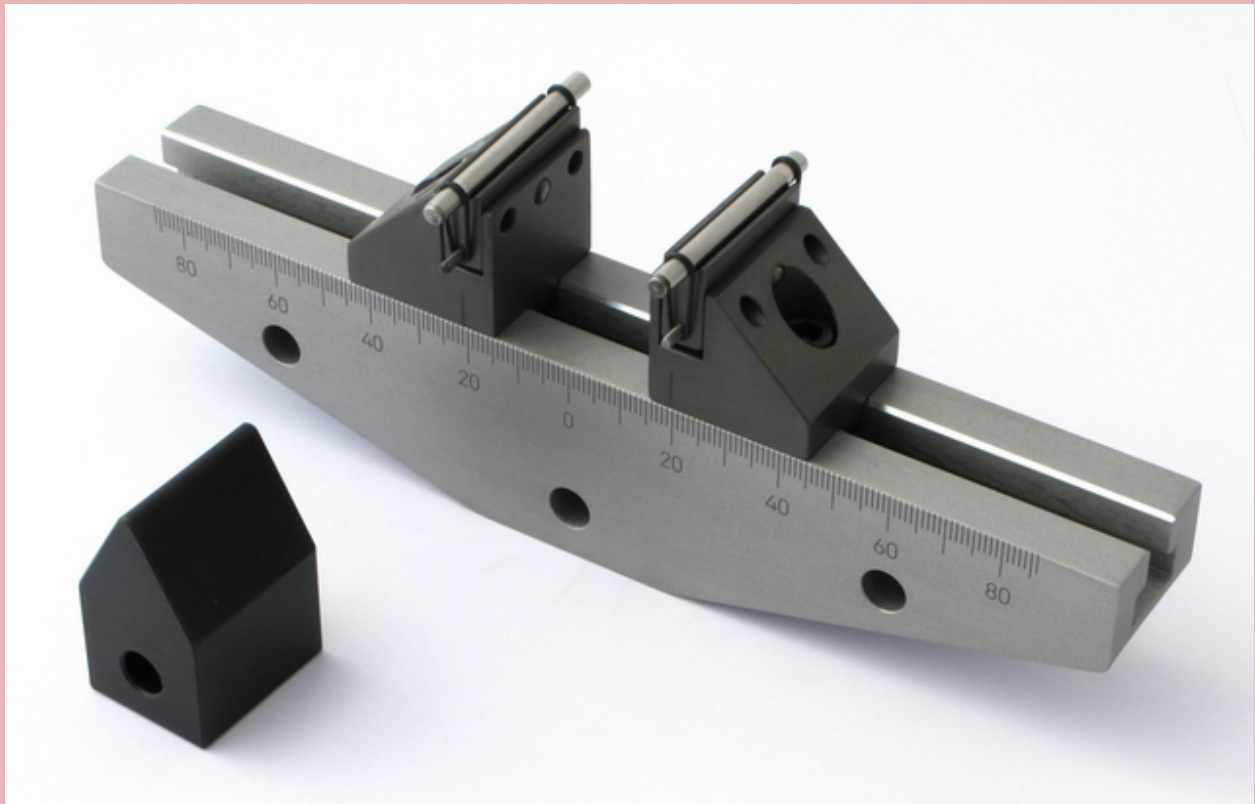


Round Compression Platens for large samples up to 200mm (7.9 in) in diameter.

Specification

Maximum Capacity	: 400 KN
Maximum Sample Diameter	: 200 mm
Eye End Diameter	: 31.7mm
Temperature Limits	: -100° to 400° C

THREE POINT BEND FIXTURE

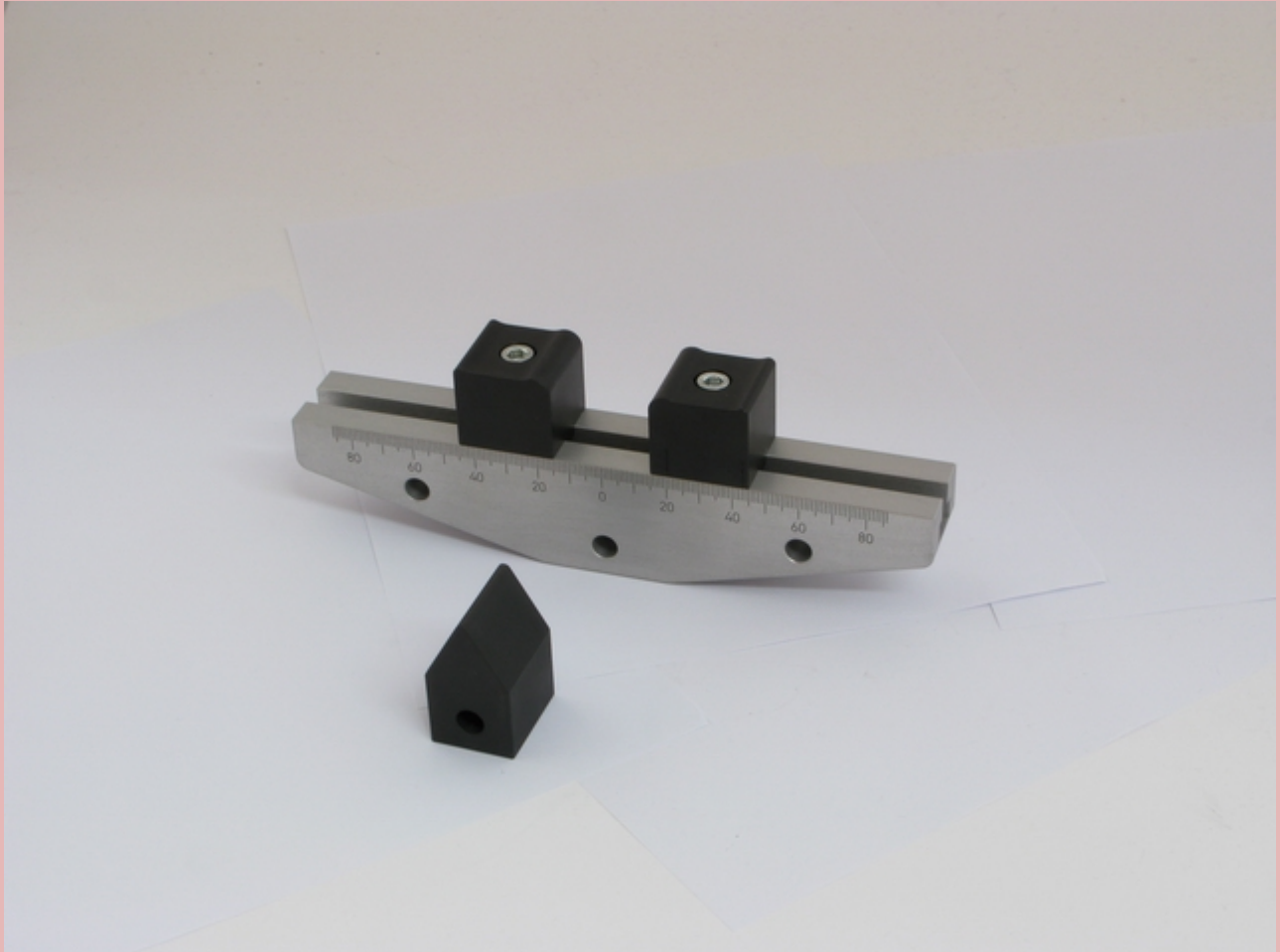


Three point bending fixture for large samples up to 600mm (24 in) in length. Mandrels different size as per requirement upto maximum capacity

Specification

Maximum Capacity	: 100 KN
Maximum Sample Width	: 50 mm
Anvil	: 10mm
Temperature Limits	: -100° to 400° C

THREE POINT BEND FIXTURE

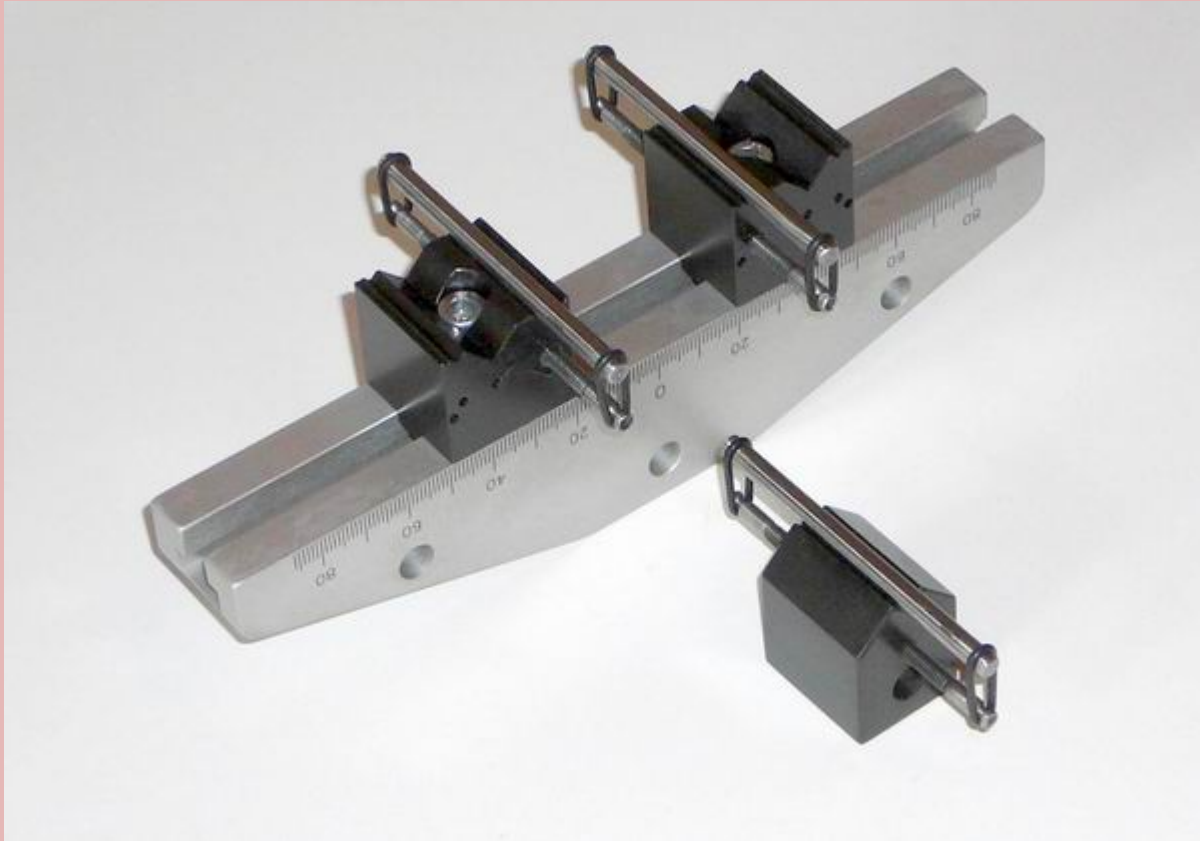


Three point bending fixture for large samples up to 600mm (24 in) in length. Mandrels different size as per requirement upto maximum capacity

Specification

Maximum Capacity	: 250 KN
Maximum Sample Width	: 100 mm
Anvil	: 20mm
Temperature Limits	: -100° to 400° C

THREE POINT BEND FIXTURE

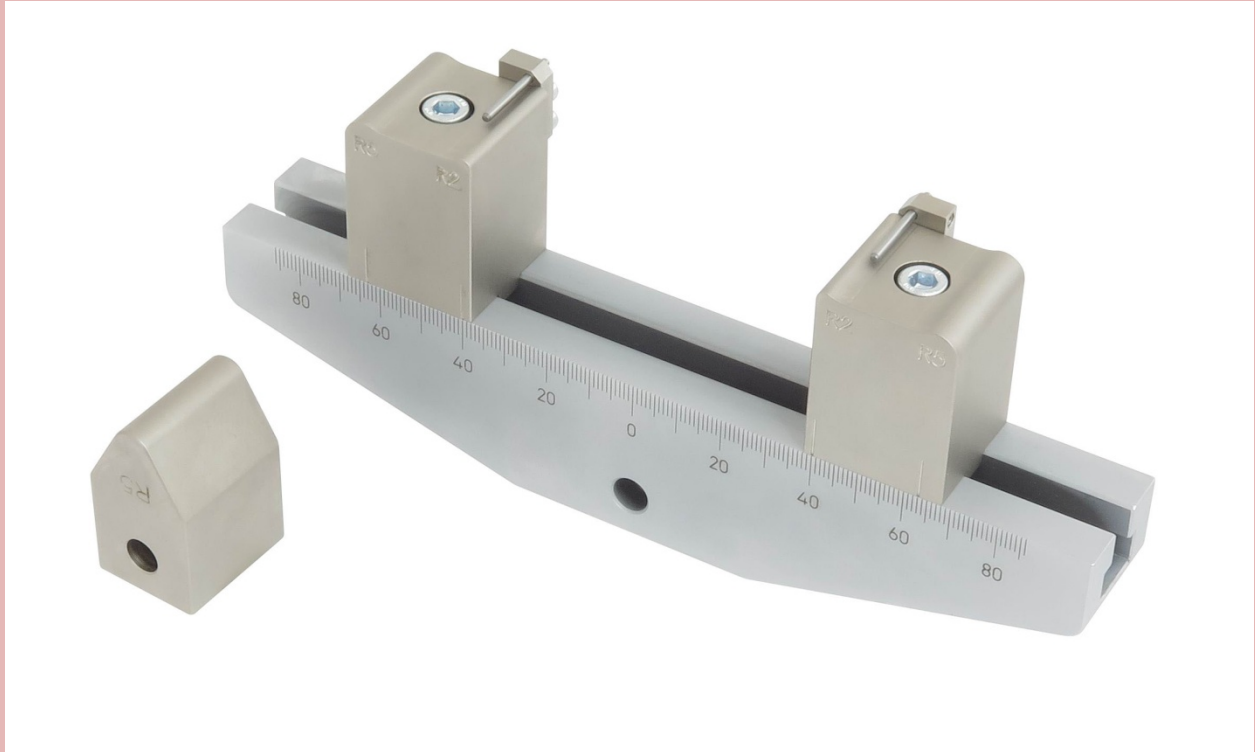


Three point bending fixture for large samples up to 600mm (24 in) in length. Mandrels different size as per requirement upto maximum capacity

Specification

Maximum Capacity	: 250 KN
Maximum Sample Width	: 200 mm
Anvil	: 20mm
Temperature Limits	: -100° to 400° C

THREE POINT BEND FIXTURE



Three point bending fixture for large samples up to 600mm (24 in) in length. Mandrels different size as per requirement upto maximum capacity

Specification

Maximum Capacity	: 400 KN
Maximum Sample Width	: 150 mm
Anvil	: 30mm
Temperature Limits	: -100° to 400° C

LONG TRAVEL EXTENSOMETER



FEATURES:

It is contact type long travel extensometer with strain gauge from 25 mm to 500 mm Gauge Length with 100% Extension as per national and international standards ASTM E83 class B1 or ISO 9513 class 0.5

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