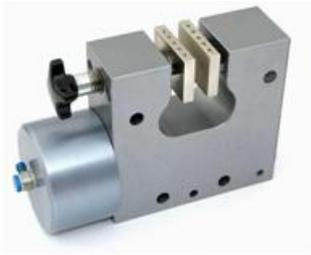
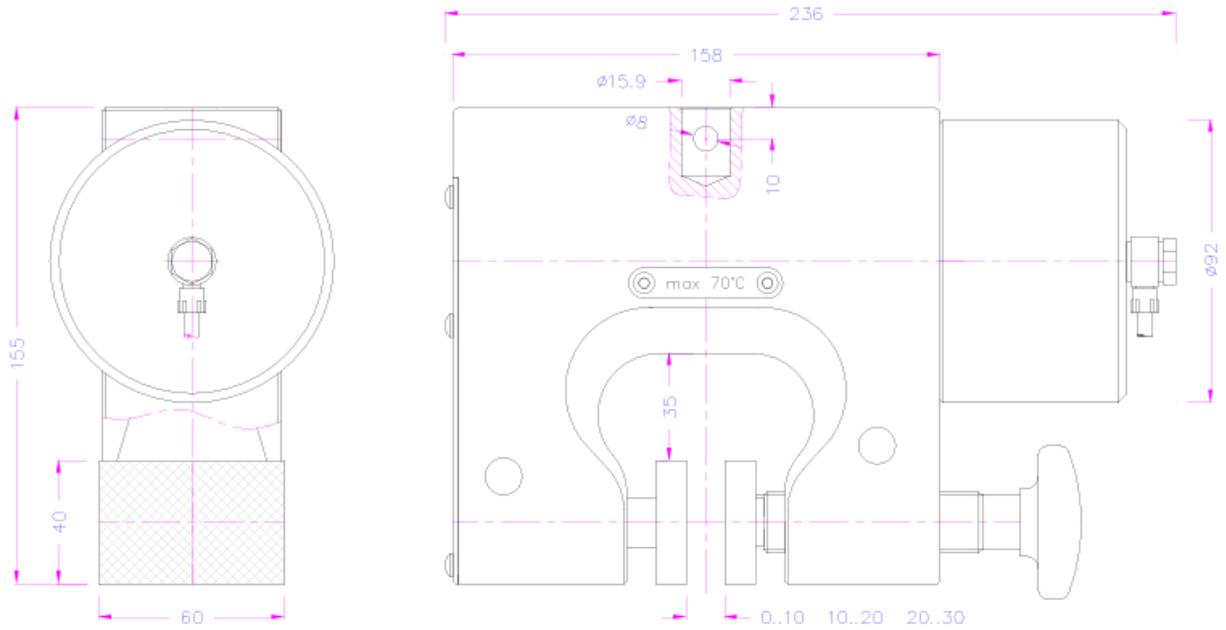


MEC232 (pair) 12kN @ 7 Bar

MEC232-BP



Item number	Surface	Clamping surface	H x W Opening*	Weight 1 pair
MEC232-BP	Pyramid jaws	40 x 60 mm	0–30 mm	0.33 kg



jaw opening can be adjusted by using rods of different lengths:

10 kN Wedge Grip, lever-action, QC fitting

MecS622 – steel



◀ MecS622 Wedge Grip shown with a half-set of MecS622-BP pyramid jaws fitted

A versatile lever-actuated wedge grip rated to a tensile force of 10 kN. The initial gripping force is provided by pre-tensioned springs which cause the jaws to close together. The teeth of the jaw faces act to make a preliminary hold of the specimen before the main clamping force is applied by the action of the wedges moving as load is applied to the specimen. A front-facing lever makes it ergonomically easy for operators to release specimens after testing. A locking bar holds the jaws open to facilitate removal and loading of specimens.

The body of the MecS622 Wedge Grip features an 'open back' which makes it ideal for wider specimens to be positioned through the body whilst being held within the 34 x 40mm area of the pyramid jaws (MecS622-BP). For round samples of 2-10 mm diameter a set of V-shaped jaws (MecS622-BV) are available for use with the MecS622 wedge grip. Jaws should be ordered separately.

The MecS622 10 kN Wedge Grip is especially suitable for holding a variety of materials such as plastic strips and dumbbells, flat and round metal specimens such as sheet, pipes and dumbbells plus textile straps and belts.

Scope of delivery: 1 grip fitted with bore-hole to allow connection to QC-20 fixing post

Item No:	MecS622
Max tensile rating:	10 kN
Opening (depending on jaws):	0-10 mm
Weight each grip (without jaws):	1.83 kg

Jaws for MecS622

Scope of delivery: Scope of delivery 0.5 set = 2 jaws (left & right)

Item no.	Surface	Clamping surface H x W	Opening	Weight per 0.5 set
MecS622-BP	Pyramid jaws	40x34 mm	0-10 mm	0.42 kg
MecS622-BV	V-jaws	Clamping height 40 mm	2-10 mm Ø	0.43 kg

Jaw faces with differing dimensions and surfaces available on request.



MecS622-BP:
Pyramids 1x45°, hardened steel



MecS622-BV:
Tooth pitch 1.2 mm, hardened steel



Compression Plates, QC fitting



Mec23-Al Aluminium plate

- For soft samples, cardboards, plastics, etc.
- Aluminium anodized
- Max capacity depends on the size of coupling



Mec23-St Steel plate

- For hard materials, steel, plastics, stone, etc.
- hardened steel 58 HRC, nickel plated
- Max capacity depends on the size of coupling

Ordering information

Scope of delivery: 1 plate

Item No.	Diameter	Coupling	Weight / each plate
Mec23-56-B-Al	56 mm	B*	~0.1 kg
Mec23-96-B-Al	96 mm	B*	~0.3 kg
Mec23-116-B-Al	116 mm	B*	~0.4 kg
Mec23-156-B-Al	156 mm	B*	~0.6 kg
Mec23-196-B-Al	196 mm	B*	~1.2 kg
Mec23-246-B-Al	246 mm	B*	~1.5 kg
Mec23-296-B-Al	296 mm	B*	~3.3 kg

Plates with other dimensions and surfaces on request

Ordering information

Scope of delivery: 1 plate

Item No.	Diameter	Coupling	Weight / each plate incl. 1 pin
Mec23-56-B-St	56 mm	B*	~0.3 kg
Mec23-96-B-St	96 mm	B*	~0.7 kg
Mec23-116-B-St	116 mm	B*	~1.1 kg
Mec23-156-B-St	156 mm	B*	~1.6 kg
Mec23-196-B-St	196 mm	B*	~4.0 kg
Mec23-246-B-St	246 mm	B*	~4.3 kg
Mec23-296-B-St	296 mm	B*	~9.0 kg
Mec23-344-B-St	344 mm	B*	~25 kg

Plates with other dimensions and surfaces on request

Description of Item number: Mec23-A-B-C

A Diameter of plate [mm] 56, 96, 116, 156, 196...etc

B* Coupling: Female= Af [mm] 15.9, 19.1, 20, 30, 31.8, 32, 36, 40 ...
(Adapter) Male=Am [mm] Am15.8, Am20, Am31.7

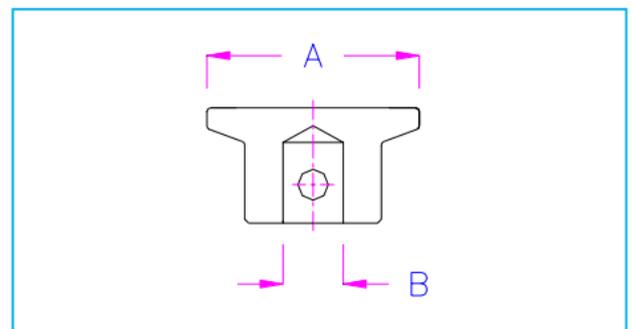
C Material: Al = Aluminum St = Steel

Mec23 Plates are rigid platens. For self adjusting plates see MecS223

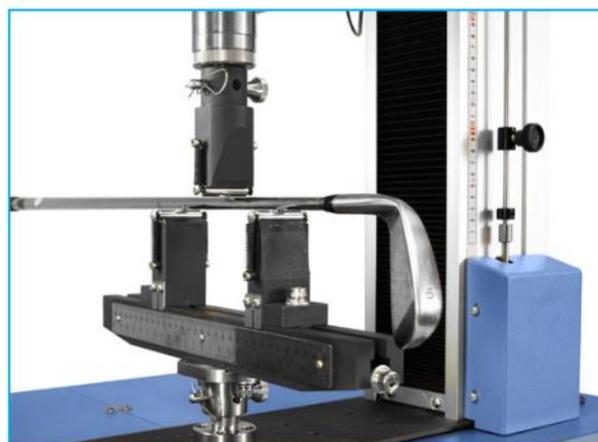
Mec23 and MecS223 plates can be combined.

Ordering Information for combination rigid + self adjusting plate:

0.5 pair Mec23 + 1x MecS223



20 kN 3-Point Bend Jig, QC fitting



Description

The 20 kN 3-point bend jig is ideal for performing a variety of flexure tests on medium-stiffness samples. It includes two lower support-anvils, which are adjustable and one upper anvil to apply load to the sample. The support beam is graduated lengthways in metric and imperial units for accurate positioning of the anvils.

Applications

Used to determine the flexural properties of rigid and semi-rigid materials:

- ceramics
- glass
- composites
- plastics
- flexible sheet materials
- wood
- films

Specifications

Part No.	Load Capacity			Post Ø	Anvil Width		Anvil Radius		Bending Span		Length		Weight	
432-266	20 kN	2000 kgf	4500 lbf	QC 20 mm	50 mm	2.28"	10 mm	0.4"	24 mm - 300 mm	0.94" - 11.81"	380 mm	14.96"	12.4 kg	29.46 lb