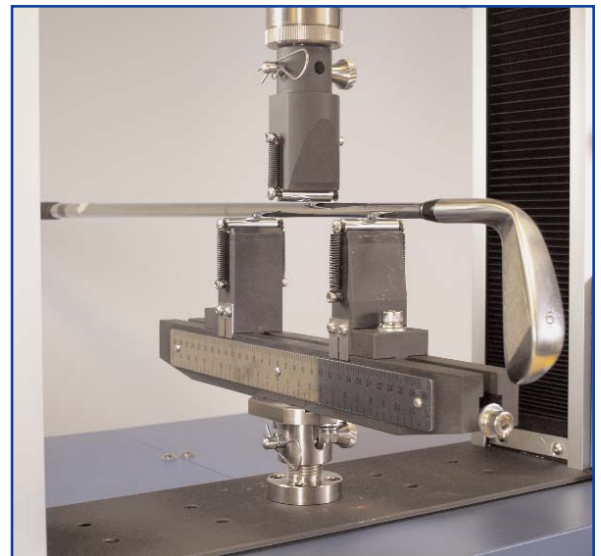


3-Point Bend Fixture (10 kN)



Description

The 3-point bend fixture is ideal for performing a variety of flexure tests up to 10kN capacity. It includes two lower support anvils, which are adjustable between 20 - 292mm and one upper centre loading anvil to accommodate different sized samples. The support beam is graduated lengthways in metric and imperial units for accurate positioning of the anvils. Standard anvil radius is 5mm.

Applications

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

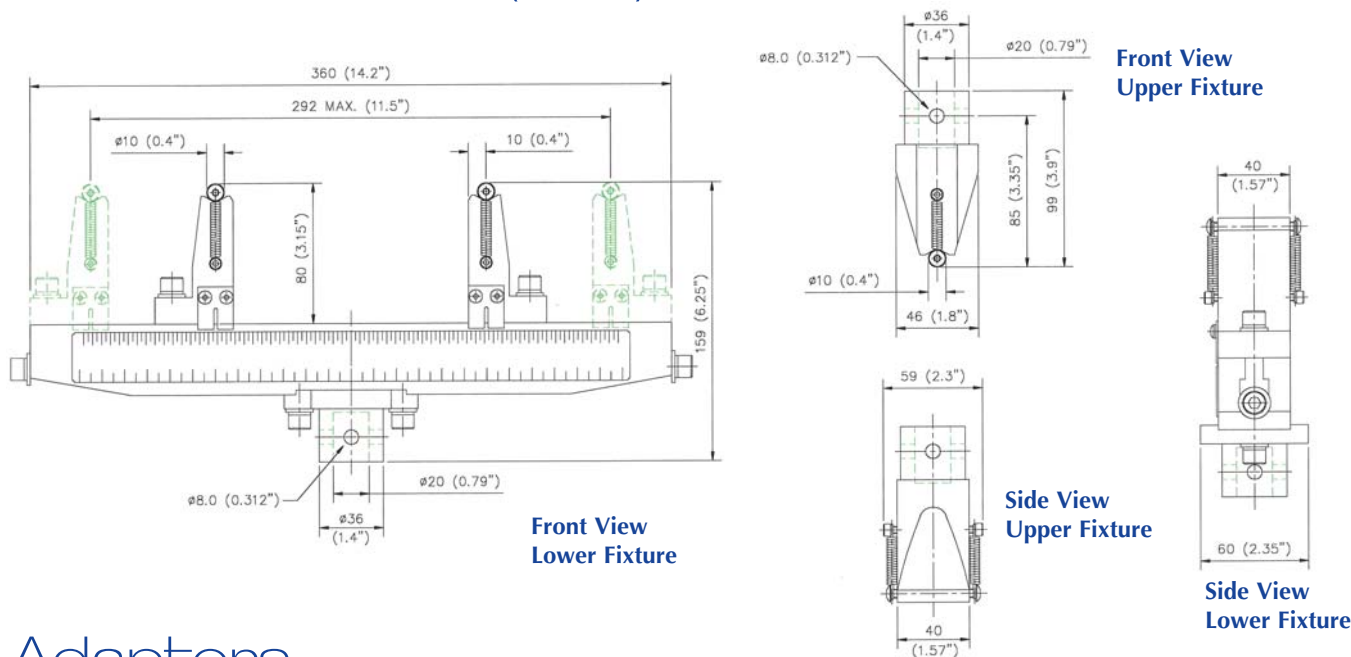
- ceramics
- composites
- flexible sheet materials
- films
- glass
- plastics
- wood

Specifications

Maximum Capacity	Maximum Specimen Dimensions		Weight	Length
10kN (1000kgf, 2200lbf)	Anvil Width 40mm (1.57")	Span Lower Anvils 20mm - 292mm (0.8" - 11.5")	Upper Anvil 0.82kg (1.8lbs) Support Beam 5.3kg (11.7lbs)	Support Beam 360mm (14.2")

*Q = Quick-interchange via 8mm Ø pin
ACCESSORY PART NO. 432-266

Dimensions mm (inch)



Adaptors

To fit to:	Adaptor Type and (Part Number)**
Upper Anvil to Loadcells	
XLC-T / ILC-T 25kN	Type C (432-284) and Type G (432-288)
XLC-T / ILC-T 10kN, XLC-S / ILC-S 2500N, 5000N	Type C (432-284) and Type F (432-287)
XLC-S / ILC-S 1000N	Type C (432-284) and Type E (432-286)
XLC-S / ILC-S 100N, 200N, 500N	Type C (432-284) and Type D (432-285)
Force Gauge with 5/16 UNC Thread	Not suitable
ILC / Force Gauge with 10/32 UNF Thread	Not suitable
Support Beam to Test Stands	
MultiTest 10kN / 25kN	Type C (432-284) supplied with the stand
MultiTest 5kN	Type C (432-284)
MultiTest 2.5kN	Not suitable
MultiTest 1kN	Not suitable

** For further information please see Adaptor Datasheet 431-354-1-1



DISTRIBUTOR STAMP

431-354-6-3

Mecmesin reserves the right to alter equipment specifications without prior notice.

Head Office
Mecmesin Limited
 Newton House, Spring
 Copse Business Park,
 Slinfold, West Sussex,
 RH13 0SZ, UK

e. sales@mecmesin.com
 t. +44 (0) 1403 799979
 f. +44 (0) 1403 799975

North America
Mecmesin Corporation
 45921 Maries Road,
 Suite 120, Sterling
 Virginia 20166,
 U.S.A.

e. info@mecmesincorp.com
 t. +1 703 433 9247
 f. +1 703 444 9860

Asia
Mecmesin Asia Co. Ltd
 91/1 Chaiyo Building, 11th Floor,
 Room 1106, Rama 9 Road, Huaykwang,
 Bangkok, 10310,
 Thailand

e. sales@mecmesinasia.com
 t. +66 2 247 46 81
 f. +66 2 247 46 82

China
Mecmesin (Shanghai) Pte Ltd
 Room 302, No. 172,
 Daxue Lu - University Avenue,
 Yangpu District, Shanghai, 200433
 People's Republic of China

e. sales@mecmesin-china.com
 t. +86 5566 1037 / 3377 1738
 f. +86 21 5566 1057