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Product Name :
Bending Device

Product Code :
LBNY-0005-10100028



Description :

Using this accessory for the universal material tester a bending bar is investigated. An I-section steel beam is used as the base. This is straightforwardly bolted to the lower cross-member on the. This is mounted on two supports and loaded with a point force generated by the tester. By sliding the bearing it is possible to apply the force in different positions and change the support width. The influence of the modulus of elasticity and planar moment of inertia is also demonstrated. Using the apparatus, the relationship between load and elastic deformation can be demonstrated.

Technical Specification :

Test bar made of cold drawn flat steel
Cross-section 40x12mm, length 320mm
Support width adjustable width
Moveable bearing, semicircular seat
Supplementary experiment on the universal material tester for the elastic deformation of bending bars subject to a point force
I-section steel beam as bearing base.

Technical Data:

Bending bar
Flat steel cold drawn
Length: 320mm
Cross-section: 40x12mm
Support width, adjustable: 100...300mm.



Laboratory Instrument India