

**Product Name :**  
Bending Device

**Product Code :**  
ENGLABINGCAG600027



**Description :**

Bending Device

**Technical Specification :**

"Using this accessory for the universal material teste 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.

**Specifications:**

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

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



## Engineering Lab Equipment India