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Product Name :
Forming By Bending

Product Code :
LBNY-0005-10900029



Description :

The experimental set-up enables fundamental experimentation in the mechanics of deformation. Flat rods can be permanently deformed by means of a simple bending device. A suitable force measuring device and a wide range of specimens are supplied. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments. A range of different materials and bend radii can be investigated using this experiment. The experiments should be conducted in a workshop environment, as the bending device has to be clamped into a vice. The necessary deformation work, e.g. to produce a 90° angle, is recorded in the experiment using a force measurement system.

Technical Specification :

Bending device for insertion in a vice
Device to measure the deformation forces
Experimental set-up for deformation experiments on flat sections
Deformation forces on the lever up to 200N
Rotatable moulding to allow for 4 different bend radii.



Laboratory Instrument India

