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Product Name :
Device For Cupping Experiments

Product Code :
LBNY-0005-10100031



Description :

This supplement to the universal material tester enables deep-drawing and cupping experiments to be performed to assess the material properties of thin sheet. A mirror permits the underside of the specimen to be observed and thus makes it possible to see exactly how cracking starts. The deep-drawing conditions are similar to those used in practice. A sheet specimen is clamped between the die and the holder. The specimen is then deformed using a spherical punch until it cracks. Using these device thin sheets up to thickness of 2mm can be investigated.

Technical Specification :

Specimen mat. steel, aluminium, copper, brass
Spherical drawing punch, diameter 20mm
Die diameter 27mm
Deep-drawing experiment for assessing the quality of thin sheet as a supplement to the universal material tester
Sheet specimen thickness max. 2mm
Mirror for the observation of the underside of the specimen

Technical Data:

Specimen
Material: steel, aluminium, brass, copper
Drawing punch: sphere 20mm
Die diameter: 27mm
Dimensions: 60x60mm, thickness max. 2mm.



Laboratory Instrument India