

Product Name :
Device For Cupping Experiments

Product Code :
ENGLABINGCAG600030



Description :

Device For Cupping Experiments

Technical Specification :

"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.

Specifications:

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."



Engineering Lab Equipment India