



# BEND TEST APPRATUS

## CONICAL MANDREL

A perfect bend tester to test the elasticity and elongation of various coatings, on metals. It Confirms to standards ASTM D-522, D1737 / BS 3900 E11 / ISO 6860 / DIN 53150, 66669.

The conical mandrel is made of stainless steel. It is tapered from 37mm to 3mm dia, over a length of 200mm. This allows easy identification in a single operation, the coating failure at specified diameter over part or entire length of mandrel. It has a sturdy construction. The sample panel is clamped between the scale, and bent by rotation of the roller.



**OVERALL WEIGHT** :4.5Kgs. (approx)

**CODE: 10007-00**

## CYLINDRICAL MANDREL

This test is carried out by bending the coated panel around mandrels of different diameters until damage occurs. Max. panel size: 70mm width and 0.8mm thick.

Robust stainless steel Rollers from 2mm - 32mm dia, as per ASTM D 522, DIN 53152, EN-ISO 1519. Mandrels are supplied in a deluxe wooden box, with a sturdy vice, pre-drilled frame ready to secure on workbench and for fixing mandrels.

Set of mandrels: 2, 3, 4, 5, 6, 8, 10,12, 16,18, 20, 22, 25 & 32mm.

**OVERALL WEIGHT** : 7Kgs. (approx)



**CODE: 10008-00**

**DESIGNED & MANUFACTURED BY:**



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