

Elcometer 1506-B

Cylindrical Mandrel Bend Tester



The Elcometer 1506-B Cylindrical Mandrel Bend Tester is a mechanical tester used to determine the effects of bending on the elasticity, adhesion and elongation properties of cured coatings on sheet metal.

The frame has a bending lever with height-adjustable rollers and a sliding vice for clamping the sample which means the test pieces are bent perfectly and regularly on decreasing mandrels until the desired effect can be observed.

The instrument can be adjusted to the diameter of the mandrel used as the mandrels are easily changed.

A wide range of Metric and Imperial mandrels are available. Mandrel sets or individual mandrels should be ordered separately - please see accessories below.



STANDARDS:

AS/NZS 1580.402.1, ASTM D 2485,
ASTM D 522-B, ASTM D 1737,
ISO 1519-2, JIS K 5600-5-1

Technical Specification

Part Number	Description
K1506BM201	Elcometer 1506-B Cylindrical Mandrel Bend Tester
Test Piece Width	Maximum: 76.2mm (3")
Test Piece Length	Maximum: 80 to 100mm (3.15 to 3.93") depending on the size of the mandrel used
Dimensions	320 x 147 x 130mm (12.6 x 5.8 x 5.1")
Weight	4kg (9lb)
Packing List	Elcometer 1506-B Cylindrical Mandrel Bend Tester and operating instructions

Accessories

KT001506BP201	Elcometer 1506-B Metric Mandrel Set, 2 to 32mm (one of each of the Metric Mandrels, as listed below)		
KTUS1506BP201	Elcometer 1506-B Imperial Mandrel Set, 1/8 to 1" (one of each of the Imperial Mandrels, as listed below)		
	Metric		Imperial
KT001506BF002	2mm Mandrel	KT001506BF015	12mm Mandrel
KT001506BF003	3mm Mandrel	KT001506BF016	13mm Mandrel
KT001506BF004	4mm Mandrel	KT001506BF017	16mm Mandrel
KT001506BF005	5mm Mandrel	KT001506BF018	19mm Mandrel
KT001506BF006	6mm Mandrel	KT001506BF019	20mm Mandrel
KT001506BF007	8mm Mandrel	KT001506BF020	25mm Mandrel
KT001506BF014	10mm Mandrel	KT001506BF021	32mm Mandrel
		KTUS1506BF022	1/8" Mandrel
		KTUS1506BF023	1/4" Mandrel
		KTUS1506BF024	3/8" Mandrel
		KTUS1506BF025	1/2" Mandrel
		KTUS1506BF026	5/8" Mandrel
		KTUS1506BF027	3/4" Mandrel
		KTUS1506BF028	1.0" Mandrel