

Elcometer 1506 Cylindrical Mandrel Bend Tester

The Elcometer 1506 is similar in use to the Elcometer 1510, being a very robust mechanical unit for determining 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 page 2.



STANDARDS:

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

Elcometer 1506 Cylindrical Mandrel Bend Tester

Technical Specification

| Part Number | Description |
|-------------------|--|
| K1506M201 | Elcometer 1506 Cylindrical Mandrel Bend Tester |
| Test Piece Width | Maximum: 64mm (2.5") |
| Test Piece Length | Maximum: 80 to 100mm (3.15 to 3.93") depending on the size of the mandrel used |
| Dimensions | 320 x 135 x 130mm (12.6 x 5.3 x 5.1") |
| Weight | 4.3kg (9.5lb) |
| Packing List | Elcometer 1506 Cylindrical Mandrel Bend Tester and operating instructions |

Accessories

| | | | |
|---------------------|---|---------------------|-----------------|
| KT001506P201 | Elcometer 1506 Metric Mandrel Set, 2 to 32mm (one of each of the Metric Mandrels below) | | |
| KTUS1506P201 | Elcometer 1506 Imperial Mandrel Set, 1/8 to 1" (one of each of the Imperial Mandrels below) | | |
| | Metric | | Imperial |
| KT001506F002 | 2mm Mandrel | KTUS1506F022 | 1/8" Mandrel |
| KT001506F003 | 3mm Mandrel | KTUS1506F023 | 1/4" Mandrel |
| KT001506F004 | 4mm Mandrel | KTUS1506F024 | 3/8" Mandrel |
| KT001506F005 | 5mm Mandrel | KTUS1506F025 | 1/2" Mandrel |
| KT001506F006 | 6mm Mandrel | KTUS1506F026 | 5/8" Mandrel |
| KT001506F007 | 8mm Mandrel | KTUS1506F027 | 3/4" Mandrel |
| KT001506F014 | 10mm Mandrel | KTUS1506F028 | 1.0" Mandrel |
| KT001506F015 | 12mm Mandrel | | |
| KT001506F016 | 13mm Mandrel | | |
| KT001506F017 | 16mm Mandrel | | |
| KT001506F018 | 19mm Mandrel | | |
| KT001506F019 | 20mm Mandrel | | |
| KT001506F020 | 25mm Mandrel | | |
| KT001506F021 | 32mm Mandrel | | |