| Product name: | Product code: |
| --- | --- |
| Nut Proof Load Testing Fixture with Digital Load Cell | CMI-IND-0417 |

## Description

Compression and tension fixture with hardened mandrels that loads nuts to proof load and checks thread stripping, with a digital load cell. Used by nut manufacturers and fastener test laboratories.

## Technical specification

- Mandrel set M8-M36
- Washer plate set
- Calibration sheet

A nut is threaded onto a hardened mandrel and loaded axially to the specified proof load, then removed to confirm it turns freely by hand. The digital load cell records the stripping load to verify the nut grade.

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**Features**

- Hardened and ground mandrel
- Load cell with digital peak display
- Compression platen with swivel alignment
- Reversible fixture for tension or compression use
- Spare mandrel storage drawer

**Technical Specifications**

| | |
|---|---|
| Capacity | 500 kN |
| Load accuracy | +/- 1 percent |
| Mandrel hardness | 45 HRC min |
| Nut size range | M8 to M36 |
| Stroke | 100 mm |
| Display | Digital peak hold LED |
| Standards | IS 1367 Part 6, ISO 898-2, ASTM F606 |
| Power | 415 V, 3 phase, 50 Hz |

**Standard Accessories**