

TWM 220 N

AC Electromagnetic Yoke

The TWM 220 N electromagnetic yoke provides a portable means of creating AC magnetic fields for the detection of surface indications during magnetic particle testing.

The TWM 220 N can be directly connected to a 230V AC supply. Used with our adjustable pole pieces, it is ideally suited for testing uneven surfaces, tube bends, angle pieces etc.



FEATURES

- Lightweight ergonomic design
- Durable rugged construction
- Oil and abrasion resistant
- Individual serial number on each yoke

SPECIFICATION COMPLIANCE

- EN 60204-1:2006
- EN ISO 9934-3:2002
- DIN VDE 0100-410:2007
- DIN VDE 0100-540:2012

PRODUCT PROPERTIES

Electrical supply	230 V
Frequency	50 Hz
Pole cross section	28 x 22 mm
Weight of yoke	3.2 Kg
Pull-off strength	18 Kg AC

APPLICATIONS

Defect location: Surface

Ideal for:

- Field testing
- Difficult to reach areas
- Uneven surfaces
- Spot inspections
- In-service inspections
- Weld inspection

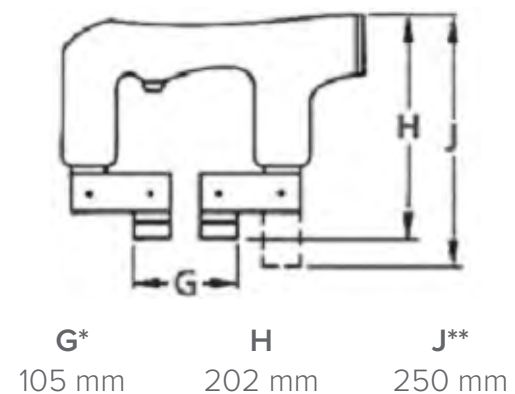
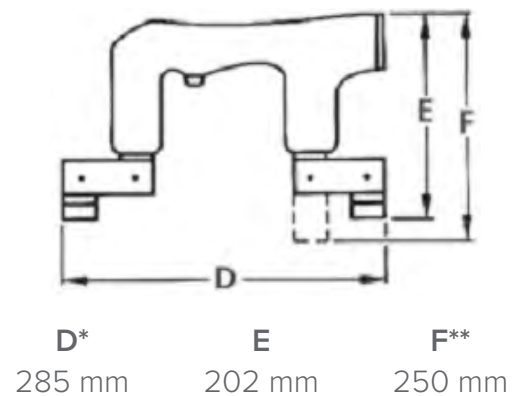
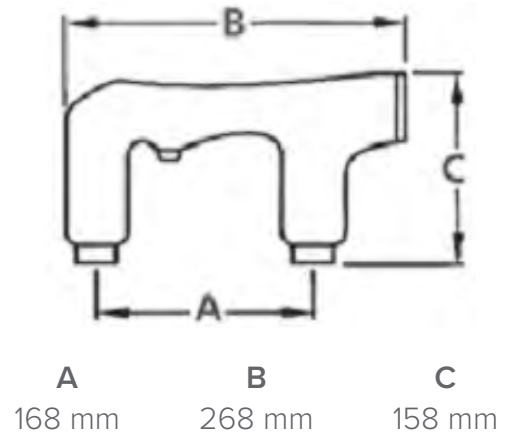
Defect examples:

- Seams
- Tears
- Shrink cracks
- Grinding cracks
- Quenching cracks
- Fatigue cracks

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USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing
Pole Pieces	Articulated legs for fillet seam inspection (077004) Articulated legs for inspection of angle pieces, tube bends and other uneven areas (077001) 45° poles for fillet seam inspection (077003) Protective poles to safeguard the pole areas (077002)



* minimum pole distance

** Height in straight position

PART NUMBER

071301

Supplied with carry case.

