PUNCTURE FIXTURES

Foot and Leg Protector Puncture Fixture ISO 20344

Nail puncture fixture for footwear soles and penetration-resistant inserts to ISO 20344



OVERVIEW

A puncture resistance fixture for footwear and foot and leg protectors according to ISO 20344 and the penetration-resistant insert standards ISO 22568-3 and ISO 22568-4. The sole or insert is supported on a base plate and pierced by a test nail driven by the testing machine. Nails of 3 mm and 4.5 mm diameter are supplied for the different test methods.

KEY FEATURES

- Built to ISO 20344, ISO 22568-3 and ISO 22568-4
- Test nails of Ø 3 mm and Ø 4.5 mm
- Base plate supports the sole or insert during piercing
- Nickel-plated steel construction for corrosion resistance
- Female clevis coupling for Ø 15.9 mm or Ø 20 mm pin
- Suited to safety, protective and occupational footwear

TECHNICAL SPECIFICATIONS

Test type	Nail puncture
Test nails	Ø 3 mm and Ø 4.5 mm
Specimen	Soles, penetration-resistant inserts
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others via adapter
Material	Steel, nickel-plated
Max. load	On request
Temperature range	On request

AVAILABLE VERSIONS

5/8 in clevis version	Nails Ø 3 mm and Ø 4.5 mm
Ø 20 mm clevis version	ISO 20344 configuration

APPLICATIONS

- Safety footwear
- Penetration-resistant inserts
- Protective boots
- PPE certification labs

STANDARDS ISO 20344, ISO 22568-3, ISO 22568-4

Ordering & customization: Specify the standard and insert type, required nail diameters and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PF-180