STANDARDS TEST FIXTURE

Shoe Upper-to-Sole Bond Fixture

Pincer grip fixture for upper-to-sole adhesion tests on footwear to ISO 17708



OVERVIEW

Bond strength test fixture for measuring the force required to separate the upper from the sole of finished footwear according to ISO 17708 and ISO 20344. It consists of upper and lower pincer grips with 0–10 mm jaw opening, connected by a 273 mm chain, so the test can be made on a cut section of the shoe with minimal preparation.

KEY FEATURES

- Designed for upper-to-sole adhesion tests on whole shoes
- Upper and lower pincer grips with 0–10 mm jaw opening
- 273 mm chain allows the grips to self-align
- Works on cut sections of finished footwear
- Steel construction with standard 20 mm clevis coupling
- Fast clamping for production test rates

TECHNICAL SPECIFICATIONS

Test type	Upper-to-sole bond strength
Standards	ISO 17708, ISO 20344
Jaw opening	0–10 mm (both pincer grips)
Chain length	273 mm
Coupling	Female clevis, Ø 20 mm pin
Material	Steel
Max. load	On request

APPLICATIONS

- Footwear manufacturing QC
- Safety footwear certification
- Sole adhesive development
- Shoe testing laboratories

STANDARDS ISO 17708, ISO 20344

Ordering & customization: Specify the machine coupling and the shoe types to be tested.

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-ST-370