SHOULDER & BUTTON HEAD GRIPS

Tire Cord Adhesion T-Test Grips ISO 4647

Special grips for static adhesion testing of tire cords embedded in rubber



OVERVIEW

Grip set for measuring the static adhesion of tire cords to vulcanized rubber compounds. The specimen is a cord with rubber blocks moulded on each end; the blocks are inserted into the slotted upper and lower grips, and tensile load is applied until the cord pulls out of the rubber. Suited to ISO 4647 and ASTM D4776.

KEY FEATURES

- Slotted grips hold the rubber blocks while the cord passes through
- Identical upper and lower grips for symmetric load introduction
- Quick specimen insertion without clamping screws
- Measures pull-out force of cord from the rubber compound
- Robust nickel-plated steel construction for long service life
- Clevis coupling for mounting on standard testing machines

TECHNICAL SPECIFICATIONS

Test type	Static adhesion of cord to rubber (pull-out)
Specimen	Tire cord with rubber block moulded on each end
Grips	Upper and lower special grips, slotted
Max. load	On request
Material	Steel, nickel-plated
Coupling	Female clevis, Ø 20 mm pin; others via adapter
Operation	Manual specimen insertion

APPLICATIONS

- Tire manufacturing
- Textile and steel tire cord
- Rubber compound development
- Cord adhesion quality control

STANDARDS ISO 4647, ASTM D4776

Ordering & customization: Specify the cord type and rubber block dimensions of your specimen, the expected maximum load and the coupling of your testing machine.

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-SH-060