STANDARDS TEST FIXTURE

Carpet Button Pull-Out Fixture

Pull-out fixture for plastic retaining buttons in carpets



OVERVIEW

Special fixture for measuring the pull-out strength of plastic buttons from carpet, such as retaining clips in automotive floor mats. The carpet is clamped flat on a round base plate by four toggle clamps around a central opening, and a three-finger claw grip on the crosshead engages the button head. The testing machine pulls the button out and records the force.

KEY FEATURES

- Round base plate with central opening below the button
- Four toggle clamps hold the carpet flat
- Three-finger claw grip engages the button head
- Rated to 1 kN pull-out force
- Aluminum base plate and steel claw grip construction
- Male clevis coupling Ø 16 mm

TECHNICAL SPECIFICATIONS

Max. load	1 kN
Test type	Button pull-out, tension
Specimen holder	Base plate with 4 toggle clamps
Upper grip	Three-finger claw grip
Material	Aluminum + steel
Coupling	Male clevis, Ø 16 mm
Temperature range	Ambient

APPLICATIONS

- Automotive floor mats
- Carpet retention clips
- Interior trim fasteners
- Tier 1 supplier QC

Ordering & customization: Specify button head size, carpet thickness and machine coupling; confirm whether the upper claw grip is required.

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-890