STANDARDS TEST FIXTURE

Tire Cord Fabric Stiffness Fixture

Low-force wire-frame fixture for tire cord stiffness to ASTM D885



OVERVIEW

A low-force fixture for measuring the stiffness of tire cords and cord fabrics to ASTM D885 Figure 4. A light stainless steel wire frame on the upper side and a hooked loop on the lower clamp deflect the specimen, and the force needed to bend it is recorded. The fixture is rated for 10 N.

KEY FEATURES

- Stiffness test to ASTM D885 Fig. 4
- Lightweight stainless steel wire frame minimizes tare load
- Lower clamp with hooked loop for the specimen
- Max. load 10 N for low-force load cells
- Female clevis coupling Ø 20 mm pin
- Simple setup and fast specimen change

TECHNICAL SPECIFICATIONS

Max. load	10 N
Test type	Cord / fabric stiffness
Frame material	Stainless steel
Coupling	Female clevis, Ø 20 mm pin
Specimen	Tire cords and cord fabrics
Temperature range	On request

APPLICATIONS

- Tire cord
- Tire cord fabric
- Industrial yarns
- Reinforcement cords

STANDARDS ASTM D885

Ordering & customization: Specify specimen type and machine coupling; a low-capacity load cell 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-070