STANDARDS TEST FIXTURE

Rigid Cellular Plastic Tensile Fixture Type A

Tensile fixture for rigid cellular plastics to ASTM D1623, Type A specimen



OVERVIEW

Tensile test fixture for rigid cellular plastics according to ASTM D1623, Type A specimen. The top and bottom parts hold hardened inserts that grip the shaped specimen ends, so the foam is loaded in pure tension. Nickel-plated steel body, 4.1 kg per grip, rated for 10 kN with a standard 15.9 mm clevis coupling.

KEY FEATURES

- Designed for foam tensile tests to ASTM D1623, Type A
- Hardened, nickel-plated inserts hold the specimen ends
- Separate top and bottom parts for easy specimen loading
- Rated for loads up to 10 kN
- Nickel-plated steel body, 4.1 kg per grip
- Standard 15.9 mm clevis coupling; others on request

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Test type	Tensile
Standard	ASTM D1623, Type A
Specimen	Rigid cellular plastics
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Body	Steel, nickel-plated
Inserts	Steel, hardened, nickel-plated
Temperature range	0 … +70 °C; other ranges on request
Weight	4.1 kg per grip

APPLICATIONS

- Rigid polyurethane foam
- Insulation panel producers
- Sandwich core materials
- Foam research laboratories

STANDARDS ASTM D1623

Ordering & customization: Specify the machine coupling.

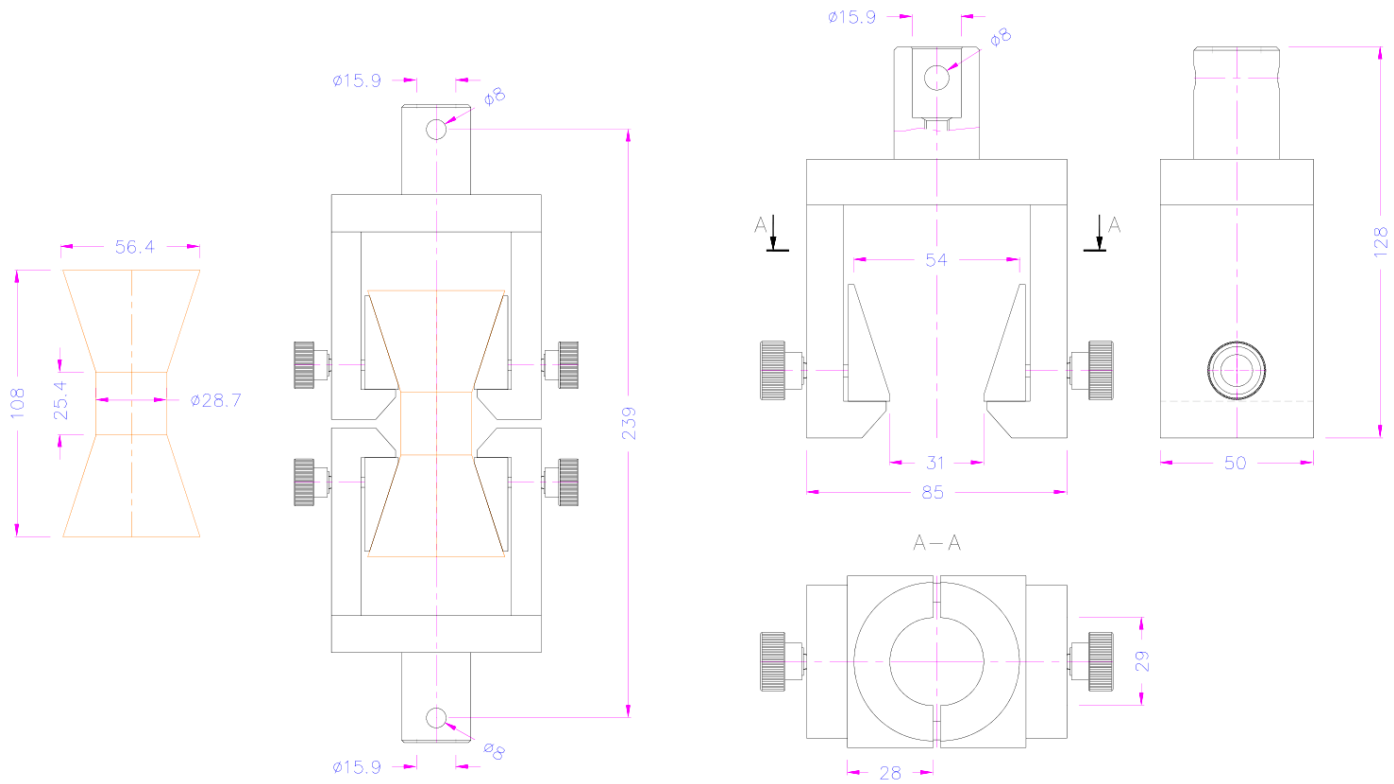
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

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-530

Rigid Cellular Plastic Tensile Fixture Type A

DIMENSIONAL DRAWINGS

FIG. 1



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.