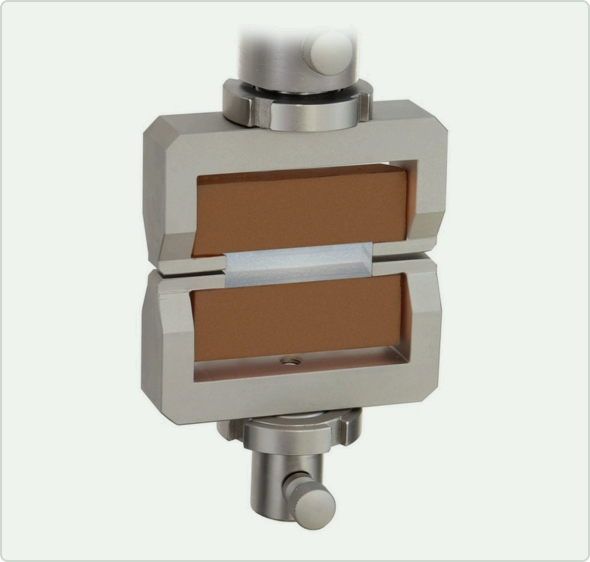
SHOULDER & BUTTON HEAD GRIPS

Building Sealant Tensile Fixture ISO 8339

Chuck grips for tensile and adhesion testing of building sealant joint specimens



OVERVIEW

Chuck grips for tensile tests on building sealant specimens to ISO 8339 and related standards. The H-shaped test piece, with the sealant bead between two substrate blocks, slides into the grips by its blocks and is pulled to measure tensile properties, adhesion and cohesion. Versions with knurled fixing screws and an adjustable universal grip are available.

KEY FEATURES

- For sealant joint specimens to ISO 8339 and related standards
- Side-loading chuck design for fast specimen change
- Optional knurled screws to fix the substrate blocks
- Adjustable universal version with 0-86 mm opening, 10 kN
- Nickel-plated steel, 1.3 kg per pair
- Choice of 15.9 mm or 20 mm clevis coupling

TECHNICAL SPECIFICATIONS

Max. load	5 kN (standard); 10 kN (adjustable version)
Test type	Tensile properties of sealant joints
Specimen	H-shaped sealant test piece between substrate blocks
Opening	0-86 mm, adjustable version; max. specimen 80 × 50 × 90 mm
Material	Steel, nickel-plated
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others on request
Temperature range	0 to 70 °C; other ranges on request
Weight	1.3 kg per pair (standard)

AVAILABLE VERSIONS

Standard chuck grips	5 kN, 1 pair
Chuck grips with knurled screws	5 kN, specimen fixed with 2 knurled screws, 1 pair
Adjustable universal chuck grip	10 kN, opening 0-86 mm, 1 grip

APPLICATIONS

- Building and glazing sealants
- Insulating glass sealants
- Construction joint products
- Sealant certification laboratories

STANDARDS ISO 8339, ISO 8340, ISO 9046, ISO 7389, ISO 13640, ISO 11600, EN 1279-4, DIN 52455-3

Ordering & customization: Specify the version (standard, with fixing screws or adjustable), the substrate block size and the coupling of your testing machine.

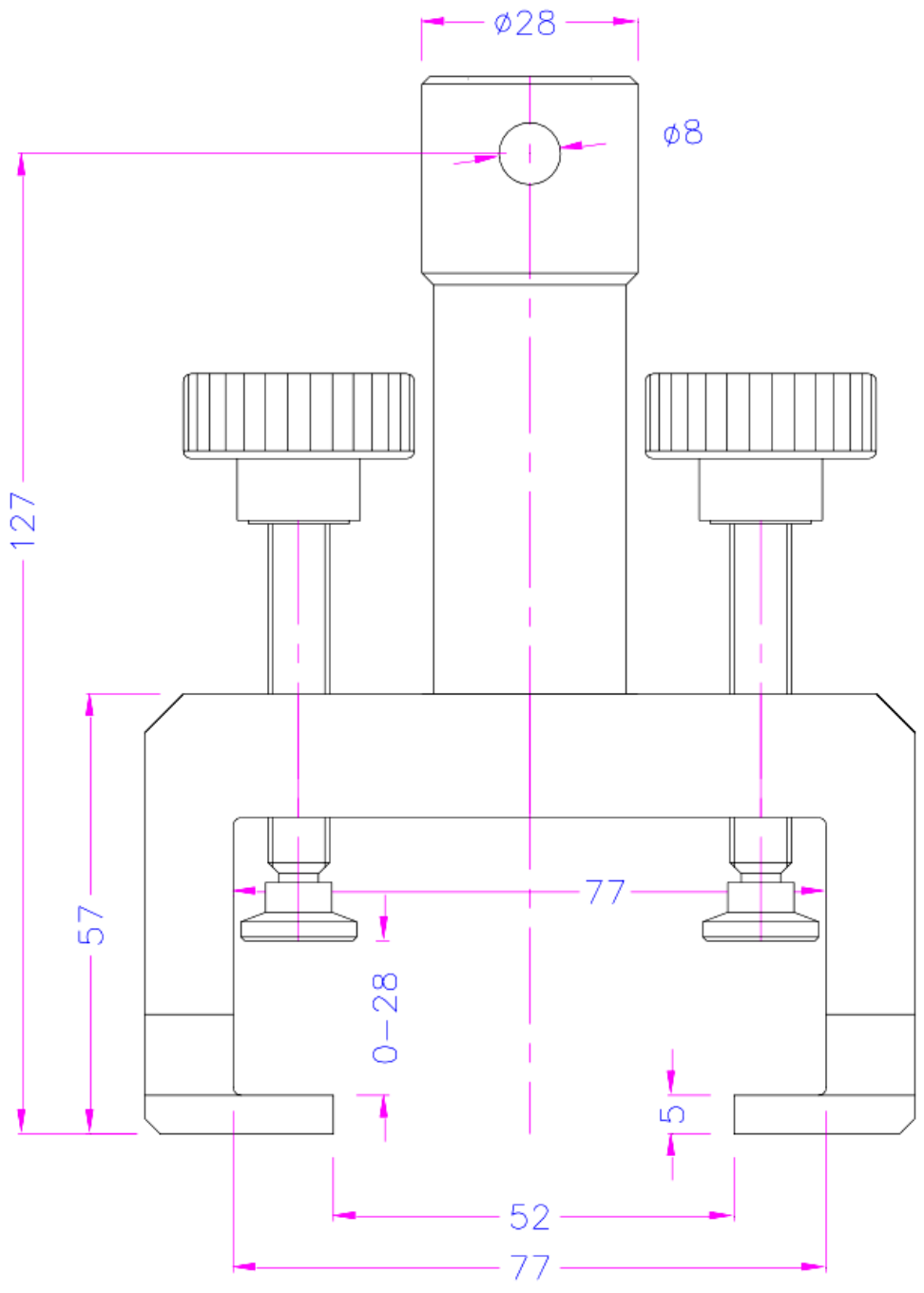
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-SH-300

Building Sealant Tensile Fixture ISO 8339

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.