SHOULDER & BUTTON HEAD GRIPS

Adhesive Bond Tensile Fixture GOST 14760

Universal-joint mounted fixtures for tensile bond strength of adhesives to GOST 14760



OVERVIEW

Fixture pair for determining the tensile (normal) bond strength of adhesives to GOST 14760. Two bonded inserts are mounted in the fixtures, which hang from universal joint adapters so that the joint is loaded in pure tension without bending. Inserts are ordered separately, and versions for ASTM D897 and GOST 209 are available.

KEY FEATURES

- For adhesive bond strength tests to GOST 14760
- Universal joint adapters align the bonded joint with the load axis
- Interchangeable inserts, ordered separately as consumables
- Rated to 20 kN in nickel-plated steel
- Lightweight pair of 2.31 kg including adapters
- Versions for ASTM D897 and GOST 209 available

TECHNICAL SPECIFICATIONS

Max. load	20 kN
Test type	Tensile bond strength of adhesives
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	2.31 kg per pair incl. universal joint adapters
Scope of delivery	1 pair of fixtures incl. 2 universal joint adapters; inserts separate

AVAILABLE VERSIONS

GOST 14760 fixture	Pair with universal joint adapters, 20 kN
Inserts	Pair of bonding inserts for GOST 14760
ASTM D897 version	Grip Ø 78 mm, top insert 47.6 mm, lower insert 28.68 mm
GOST 209 version	Rubber-to-metal tear-off fixture with inserts

APPLICATIONS

- Structural adhesives
- Adhesive formulation development
- Metal-to-metal bonding
- Aerospace and automotive bonding

STANDARDS GOST 14760, ASTM D897, GOST 209

Ordering & customization: Specify the standard (GOST 14760, ASTM D897 or GOST 209), the number of insert pairs 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-340

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DIMENSIONAL DRAWINGS

FIG. 1

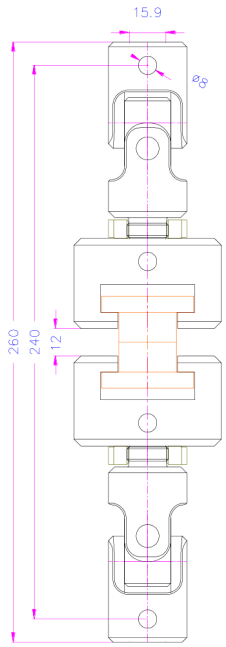


FIG. 2

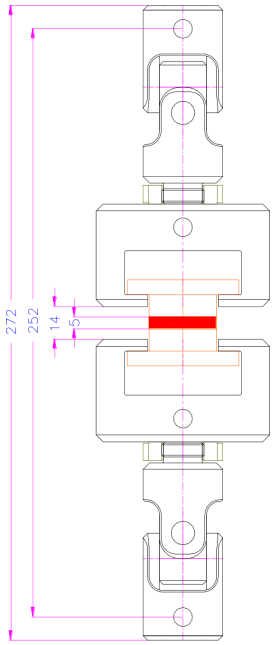


FIG. 3

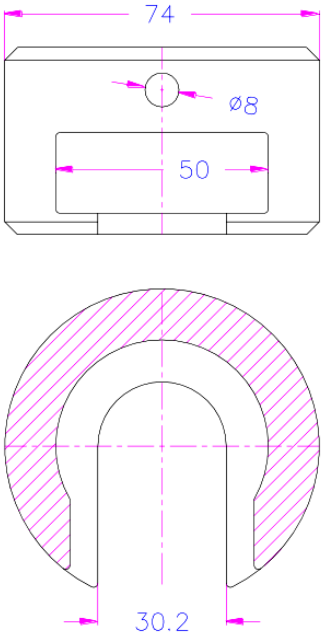
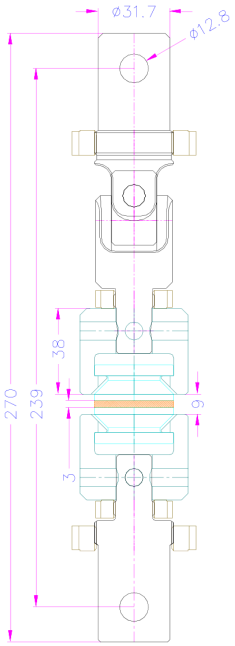


FIG. 4



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.