SHOULDER & BUTTON HEAD GRIPS

Elastic Fabric Band Grips and O-Ring Hooks

Pin-type band grips for elastic fabrics to ASTM D4964 and roller hooks for O-ring tensile tests



OVERVIEW

Grips for loop-type tensile tests on elastic fabric bands and O-rings. For elastic fabrics to ASTM D4964, the looped specimen runs around two 13 mm diameter anvils and is cycled to measure elongation and tension. For O-rings, two hooks with 10 mm rollers carry the ring and are pulled apart to determine tensile strength and elongation.

KEY FEATURES

- Band grips with 13 mm diameter, 78 mm long anvils
- Loop test of elastic fabrics to ASTM D4964
- O-ring hooks with 10 mm diameter rollers, 11 mm wide
- Rollers reduce friction and stress concentration on the ring
- Nickel-plated steel construction for corrosion protection
- Other O-ring sizes and half radii on request

TECHNICAL SPECIFICATIONS

Test type	Loop tensile test of elastic bands and O-rings
Band grip anvils	Ø 13 mm, 78 mm long
O-ring hook rollers	Ø 10 mm, 11 mm wide, non-rotating hooks
Max. load	1 kN (O-ring hooks); band grips on request
Material	Steel, nickel-plated
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm; others via adapter
Scope of delivery	1 pair of grips

AVAILABLE VERSIONS

Elastic fabric band grips	ASTM D4964, anvils Ø 13 × 78 mm, female clevis Ø 15.9 or 20 mm
O-ring hook grips	1 kN, rollers Ø 10 mm x 11 mm, female clevis Ø 15.9 mm (5/8 in)

APPLICATIONS

- Elastic waistbands and narrow fabrics
- Textile and apparel testing
- O-rings and seals
- Rubber goods quality control

STANDARDS ASTM D4964

Ordering & customization: Specify the grip type (band grips or O-ring hooks), the O-ring inside diameter and cross-section where applicable, 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-280

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DIMENSIONAL DRAWINGS

FIG. 1

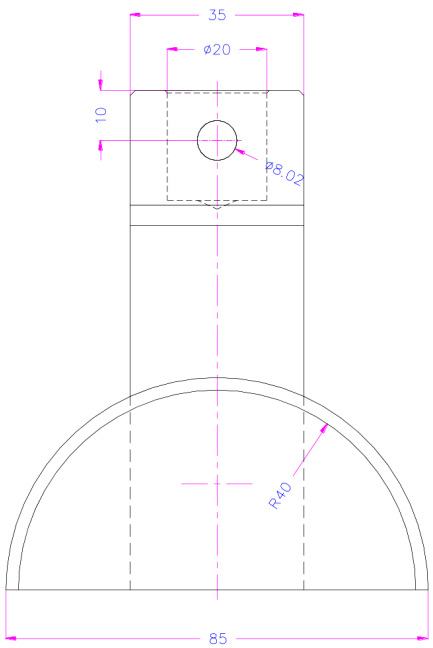


FIG. 2

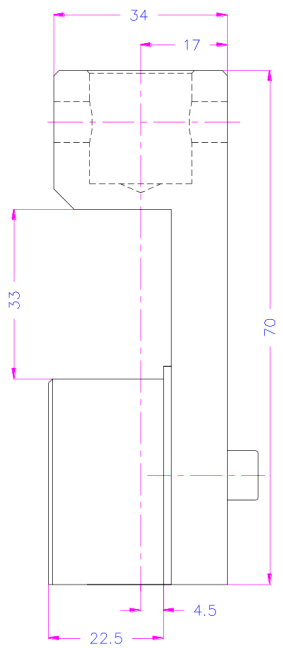


FIG. 3

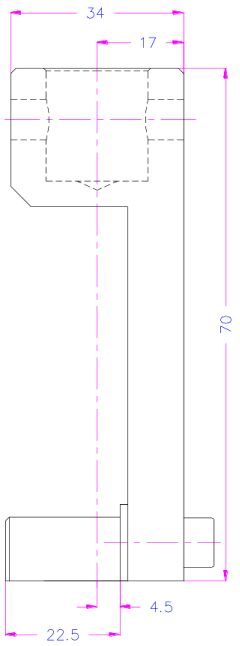
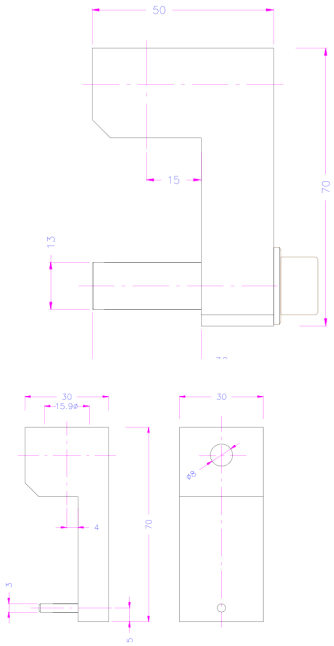


FIG. 4



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.