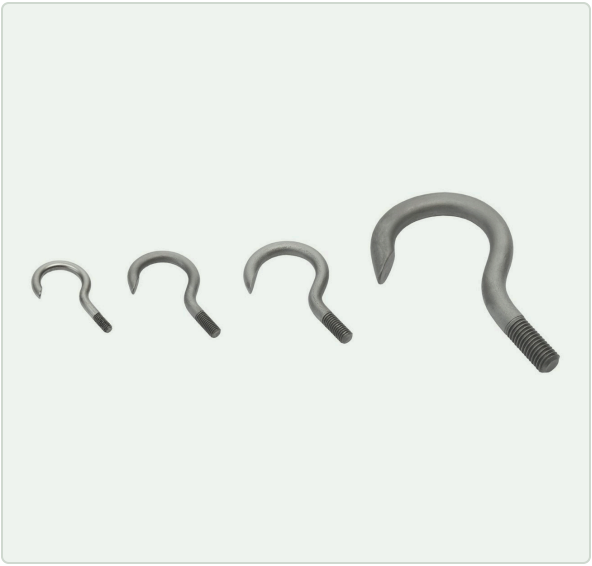
SHOULDER & BUTTON HEAD GRIPS

Hook Grips

Hook grips for specimens with loops, eyes and tension springs, 0.04 to 12 kN



OVERVIEW

Simple hook grips for specimens that have built-in loops, hooks or eyes, such as tension springs, straps with loops, handles and wire forms. The specimen is hung directly on the hook, so no clamping is needed and setup is fast. Eleven hook rod diameters from 1 to 16 mm cover tensile forces from 0.04 kN to 12 kN, with standard clevis couplings and many special hook shapes on request.

KEY FEATURES

- Direct hook engagement, no clamping required
- Eleven hook sizes from Ø 1 to 16 mm
- Capacities from 0.04 kN to 12 kN
- Very low mass, from under 1 g to 400 g
- Standard clevis coupling, other couplings on request
- Special hooks for cartons, fabrics and netting

TECHNICAL SPECIFICATIONS

Max. load	0.04 – 12 kN (by hook size)
Test type	Tensile
Hook rod diameter	1 – 16 mm
Coupling	Female clevis Ø 15.9 mm (5/8 in) or Ø 20 mm pin; others on request
Material	Steel or aluminum adapter
Temperature range	0 to +70 °C (other ranges on request)
Weight	< 1 g to 400 g (by hook size)
Scope of supply	1 piece

AVAILABLE VERSIONS

Ø 1 / 2 / 2.5 mm	0.04 / 0.15 / 0.25 kN
Ø 3 / 4 mm	0.35 / 0.6 kN
Ø 5 / 6 mm	1 / 1.4 kN
Ø 8 / 10 mm	2.5 / 4 kN
Ø 12 / 16 mm	6 / 12 kN
Carton hook	500 N, 60 × 40 × 8 mm, radius 10 mm

APPLICATIONS

- Tension springs
- Loops, straps and handles
- Carton and bag handles
- Netting yarn and knots

Ordering & customization: Specify required capacity or hook diameter and coupling; hook grips are supplied singly, so order two for upper and lower.

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-010

Hook Grips

DIMENSIONAL DRAWINGS

FIG. 1

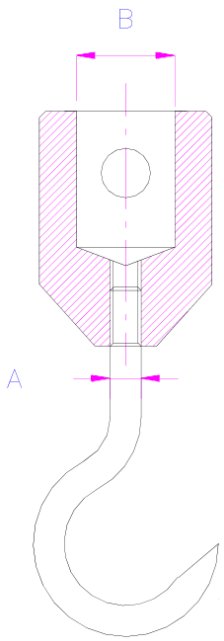


FIG. 2

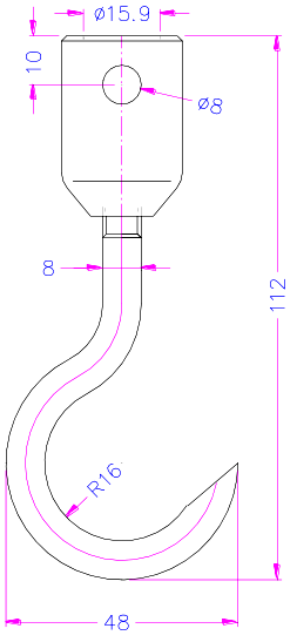
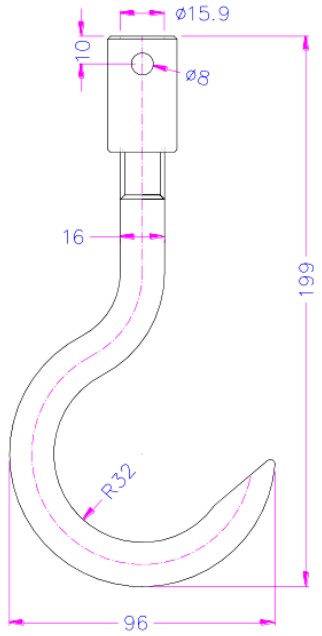


FIG. 3



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.