HYDRAULIC GRIPS

Hydraulic Grip 700 kN Clamping

Heavy-duty double-cylinder hydraulic grip with 700 kN clamping force



OVERVIEW

A heavy-duty hydraulic grip for high-load tensile tests. Two opposed hydraulic cylinders close the jaws with up to 700 kN clamping force at 350 bar, holding high-strength specimens securely through the test. Jaw closing speed is adjustable through two hydraulic throttles for controlled, repeatable clamping.

KEY FEATURES

- 700 kN clamping force at 350 bar
- Two opposed hydraulic cylinders close the jaws from both sides
- Jaw speed adjustable by two hydraulic throttles
- Smooth jaw faces as standard; other faces on request
- Robust steel body with jaw guide plates
- Operating range 0 to +80 °C

TECHNICAL SPECIFICATIONS

Clamping force	700 kN at 350 bar
Test type	Tension
Operation	Hydraulic, adjustable closing speed
Jaw surface	Smooth (blank); other faces on request
Jaw size / opening	On request
Coupling	On request, matched to machine
Body material	Steel
Temperature range	0 to +80 °C

APPLICATIONS

- High-strength steel
- Heavy plate and bar
- Large structural specimens
- Fasteners and components

Ordering & customization: Specify machine coupling, specimen geometry and jaw face type, and the hydraulic power supply available.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-HG-010