WEDGE GRIPS

Heavy Duty Wedge Grip 600 kN

Non-shift heavy wedge grips for flat and round specimens up to 600 kN



OVERVIEW

Heavy-duty wedge grips rated to 600 kN for high-strength flat and round metal specimens. When the grip closes, only the body moves while the jaws keep their position, so the specimen is not shifted or preloaded during clamping. Hardened serrated jaws cover flat specimens up to 50 mm thick, and V-jaws cover round specimens from Ø 8 to 50 mm.

KEY FEATURES

- Rated to 600 kN for high-strength materials
- Non-shift design: body moves, jaws stay in position
- No unwanted specimen preload is introduced during clamping
- Serrated jaws for flat specimens 0 to 50 mm
- V-jaws for round specimens Ø 8 to 50 mm
- Hardened steel jaws with a nickel-plated finish

TECHNICAL SPECIFICATIONS

Max. load	600 kN
Test type	Tensile
Flat specimen thickness	0 – 30, 25 – 40 or 30 – 50 mm (by jaw set)
Round specimen diameter	Ø 8 – 50 mm (by jaw set)
Clamping principle	Wedge, non-shift
Material	Steel, nickel-plated; jaws hardened
Coupling	Bolted flange with clevis adapter; others on request
Scope of supply	1 pair of grips without jaws

AVAILABLE VERSIONS

Pyramid jaws 0–30 mm	Flat specimens
Pyramid jaws 25–40 mm	Flat specimens
Pyramid jaws 30–50 mm	Flat specimens
V-jaws Ø 8–15 mm	Round specimens
V-jaws Ø 10–25 mm	Round specimens
V-jaws Ø 20–35 mm	Round specimens

APPLICATIONS

- High-strength steel plate
- Reinforcing bar and round bar
- Structural metals
- Heavy fasteners and rods

Ordering & customization: Specify specimen geometry and size range, jaw sets required and machine coupling.

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-WG-020