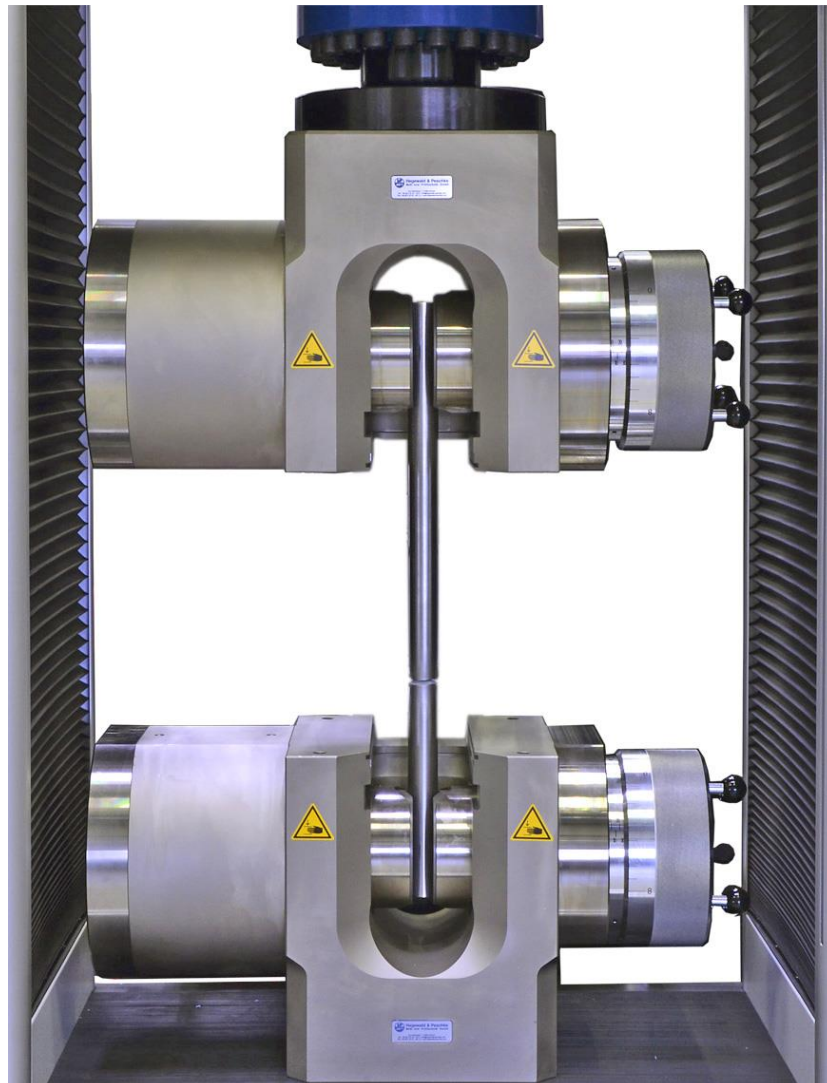




Product information

Hydraulic grips 1200 kN

double- or single-sided with manually adjustable clamp counter bearing
with coupling system for additional tools, specimen clamping aids, etc..



Fields of application:

- Tensile test on flat and round specimens, e.g. according to EN ISO 6892-1
- Compression and bending tests can be realized via optional connections in the base body
- Shear tests
- Specimen materials: metallic and non-metallic materials, composites

Features and advantages:

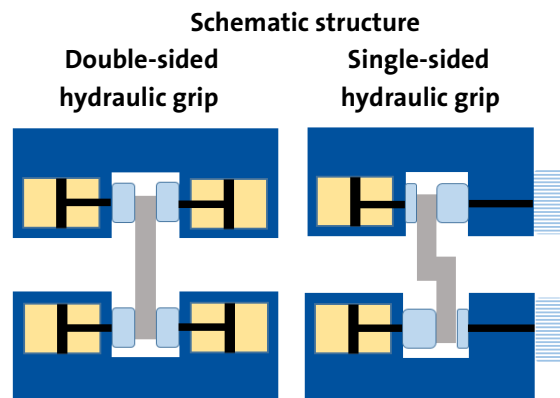
- Available as synchronized version for symmetrical clamping (Art. no. 1200.21) or with manually adjustable clamping counter bearing for symmetrical and asymmetrical clamping (Art. no. 1200.20)
- Modular clamping system consisting of jaw holder and clamping jaw (see Fig. page 3)
→ Lower wear and spare parts costs

Single-sided closing hydraulic grips:

- Suitable for non-centric clamping, e.g. of bonded or welded specimens

Double-sided closing hydraulic grips:

- Mechanical synchronization control for shorter test times
- Reproducible clamping pressure
 - Constant over the entire test duration
 - Proportionally increasing to the tensile force

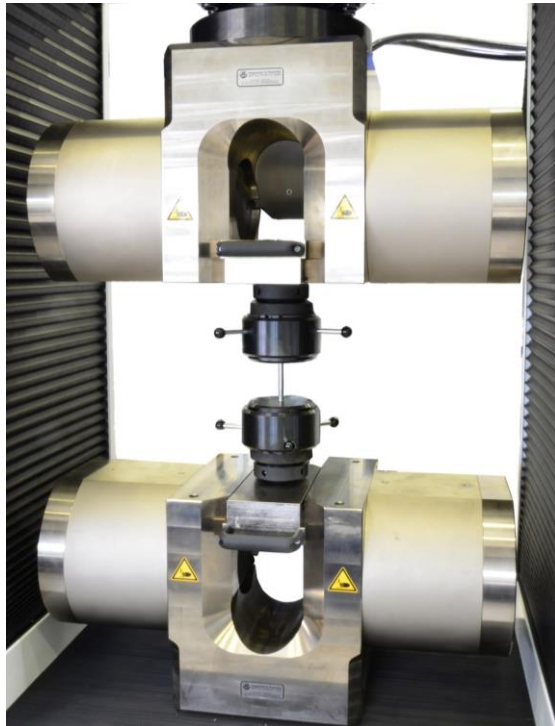


Technical data:

| | |
|---|---|
| Capacity | 1200 kN |
| Clamping pressure/ clamping force max. | 500 bar/ 1740 kN |
| Temperature range | Room temperature |
| Specimen dimensions | Flat specimens thickness 0 - 120 mm, width up to 140 mm Round specimens 8 - 60 mm |
| Minimum clamping length | 155 mm (60% clamping area, see figure on page 3) |
| Connection / machine type | LK250-12xM30-IG / series inspekt 600 |
| Dimensions / design | Height 460 mm, width 820 mm, depth 400 mm / nickel-plated |
| Weight | 500 kg per grip |
| Scope of delivery | 1 pair of hydraulic grips 1200 kN without jaws |
| Required accessories | <ul style="list-style-type: none"> • 1 adapter set • Clamping jaw holders • Clamping jaws for flat specimens (plain or with profile) • Clamping jaws for round specimens (with profile) • Hydraulic power unit • Computer control for semi-automatic hydraulic power unit |
| Optional accessories | <ul style="list-style-type: none"> • Specimen depth control stop • Coupling elements and specimen clamping aids on request |

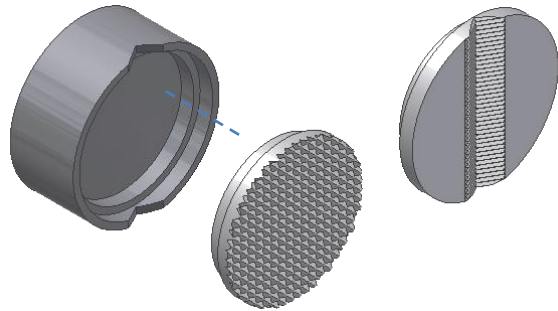
Image gallery

Double-sided closing hydraulic grips with adaptation of additional tools via adapter slots

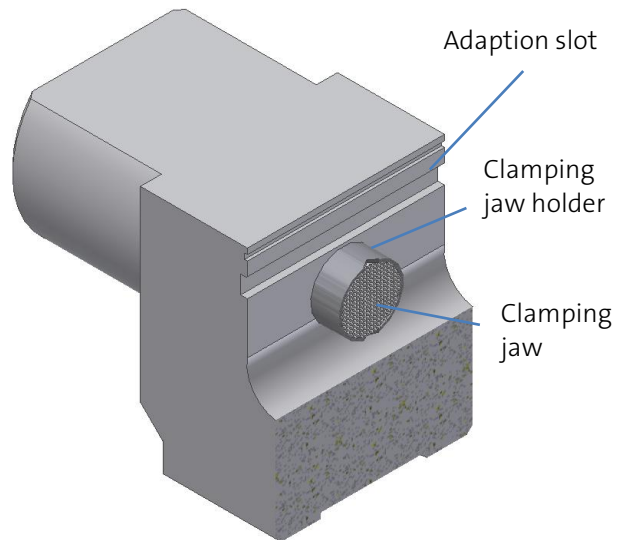


Modular clamping system:

Clamping jaw holder with clamping jaws for flat and round specimens



Hydraulic grip with clamping:



Minimum clamping length: 155 mm

