

Screw Action Grip

Provide a simple and effective method to hold specimens
 Dual acting design, also for asymmetrical samples
 Jaws articulate and provide a self-alignment and a self tightening effect

Ordering information:

The grips are ordered in pairs but can also be ordered separately (0.5 pair). Grips and jaws need to be ordered separately.

We recommend the usage of an air screwdriver.



| | |
|-------------------|---|
| Item number | THS90 |
| Force Tensile | 50 kN |
| Clamping force | 150 kN (500Nm*) |
| Temperature range | 0°C - +180°C Other temperature ranges on request |
| Body | Steel, manganese phosphate coating |
| Weight | 12 kg each grip (without jaws) |
| Scope of delivery | 1 pair of grips |

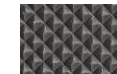
Jaws for THS90 Scope of delivery: 1 set = 4 jaws**

| Item No. | Surface | Clamping surface H x W | Opening | Weight per pair |
|-------------|-------------------------|------------------------|-------------|-----------------|
| THS90-B | Blank (smooth) jaws | 60 x 66 mm | 0 – 30 mm | 1.2 kg |
| THS90-BP | Pyramid jaws (serrated) | 60 x 66 mm | 0 – 30 mm | 1.1 kg |
| THS90-BV | V-jaws | 60 x 66 mm | 5 – 30 mm Ø | 1.1 kg |
| THS90-BW | Wave jaws | 60 x 66 mm | 0 – 30 mm | 1.1 kg |
| THS90-BD | Diamond jaws | 60 x 66 mm | 0 – 30 mm | 1.1 kg |
| THS90-BG | Rubber jaws | 60 x 66 mm | 0 – 28 mm | 1.2 kg |
| THS90-B210 | Blank (smooth) jaws | 70 x 210 mm | 0 – 10 mm | 6.6 kg |
| THS90-BP210 | Pyramid jaws (serrated) | 70 x 210 mm | 0 – 10 mm | 6.6 kg |
| THS90-BW210 | Wave jaws | 70 x 210 mm | 0 – 10 mm | 6.4 kg |

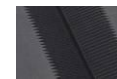
*Jaws with other dimensions and surface coatings on request
 ** we propose an pneumatic impact wrench with 650 Nm



Blank jaws
 • Suitable for own further treatments
 • Steel-blanks without coating



Pyramid jaws
 • Pyramids 1.2x45°
 • Hardened steel 58HRC manganese phosphated



V-jaws
 • For all kinds of round samples
 • Tooth pitch 1.2 mm
 • Hardened steel 58HRC manganese phosphated



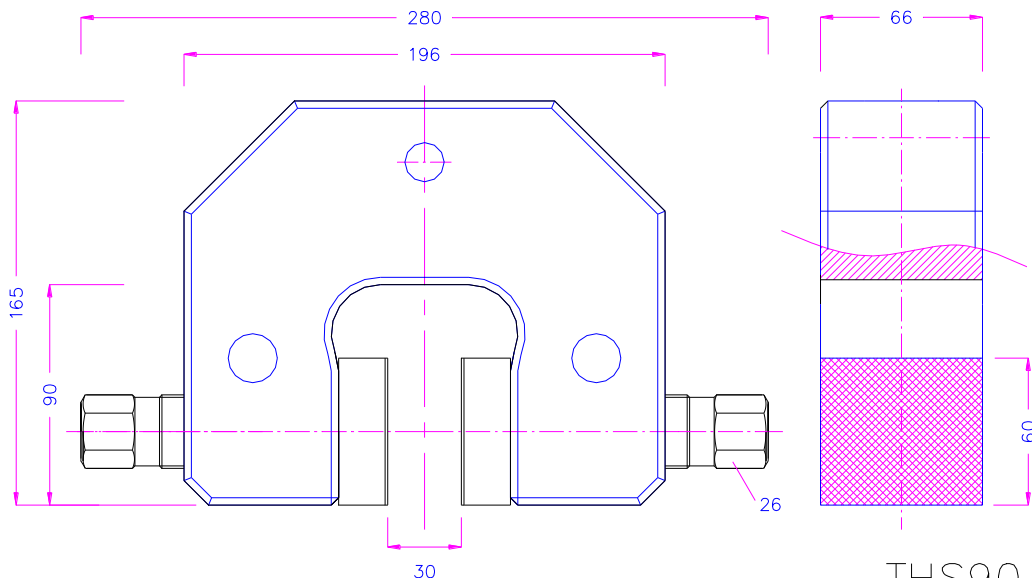
Wave jaws
 • For flexible materials
 • Wave 5 mm
 • Hardened steel 58HRC manganese phosphated



Diamond jaws
 • Clamping surface coated with synthetic diamonds
 • Nickel-plated



Rubber jaws
 • 1 mm rubber coating (NBR)
 • Nickel-plated



THS90

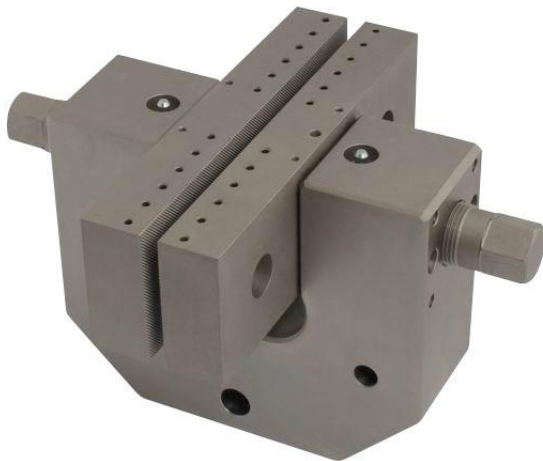


Nickel coating for chamber usage



THS90-S70

70 mm extra wide opening



THS90+BP210-Ni

Big jaws 70x210 mm
Nickel-plated

See also www.grip.de/G06