

FATIGUE GRIPS

Light-weight fatigue grips with high clamping force.

Applicable for testing acrylic bone cement to ASTM F2118; composite materials such as fibreglass, carbon-fibre-reinforced polymer (CFRP), etc. in temperature chambers.

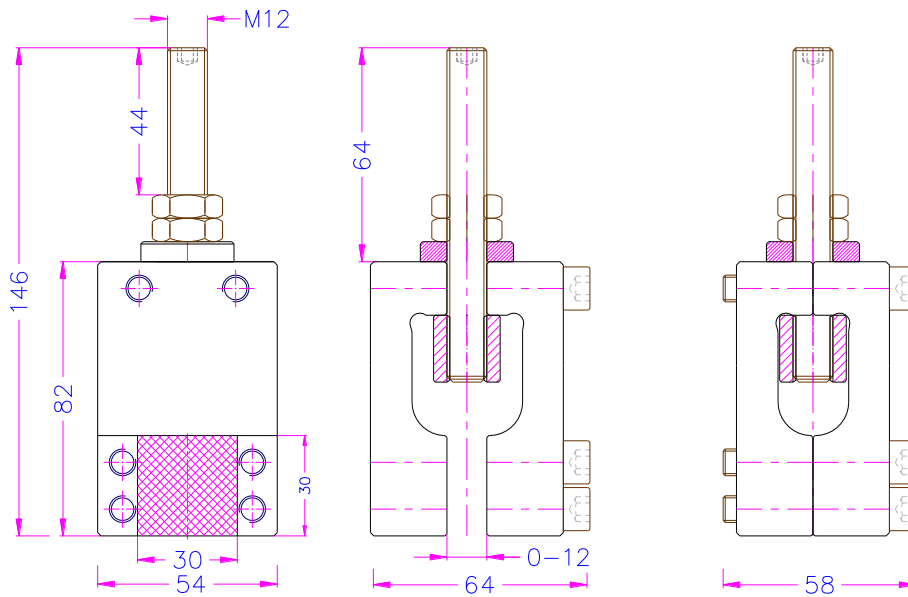
Backlash-free adjustment.

Serrated jaws for flat samples and v-jaws for round samples.

Item no.: THS28-30-BP10

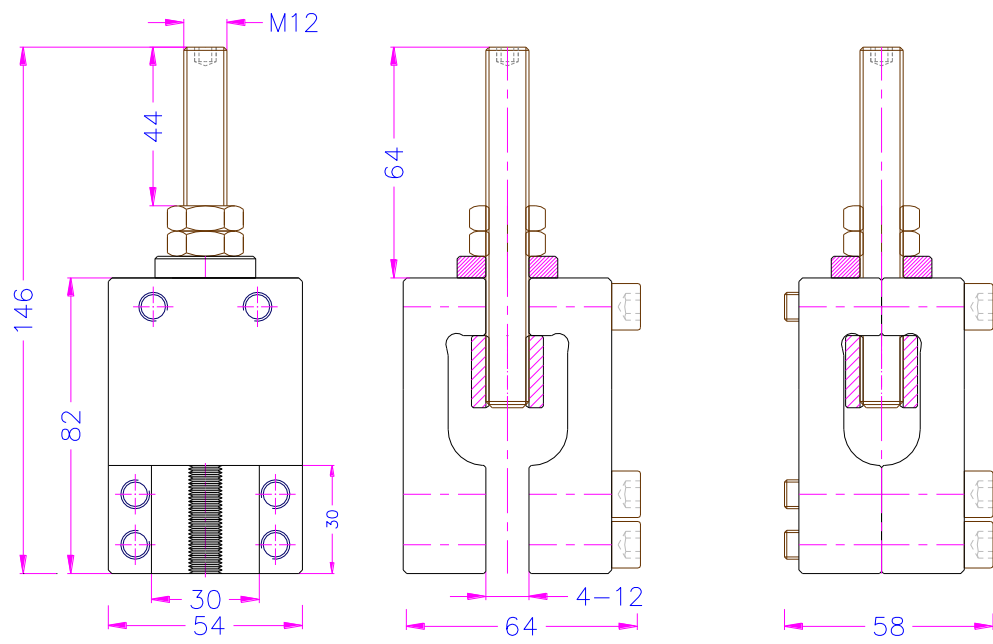
According to **ASTM F2118**: Constant Amplitude of Force Controlled Fatigue Testing of Acrylic Bone Cement Materials

Max. load:	30 kN
Specimen thickness:	0-12 mm
Clamping surface:	30 x 30 mm Serration 1.2x45°
Coupling:	M12 threaded stud, steel, nickel-coated
Body and jaws:	Steel, hardened, nickel-coated
Temperature range:	-40 ... +280°C
Weight:	1.54 kg each grip
Scope of supply:	1 pair of grips



Item no.: THS28-30-BV10

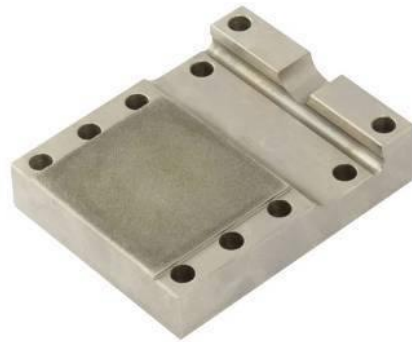
Max. load:	30 kN
Specimen thickness:	4-12 mm
Clamping surface:	30 x 30 mm V-jaws with tooth pitch 1 mm
Coupling:	M12 threaded stud, steel nickel-coated
Body and jaws:	Steel, nickel-coated, hardened
Temperature range:	-40 ... +280°C
Weight:	1.5 kg each grip
Scope of supply:	1 pair of grips



Examples for customized solutions



Special size pyramid (serrated) jaws 60x100 mm

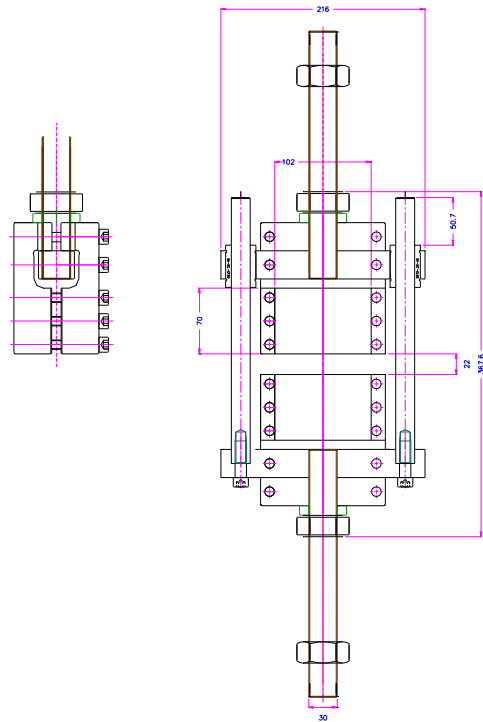


Diamond-coated jaw faces



Fatigue grip with pull rod for temperature chamber usage

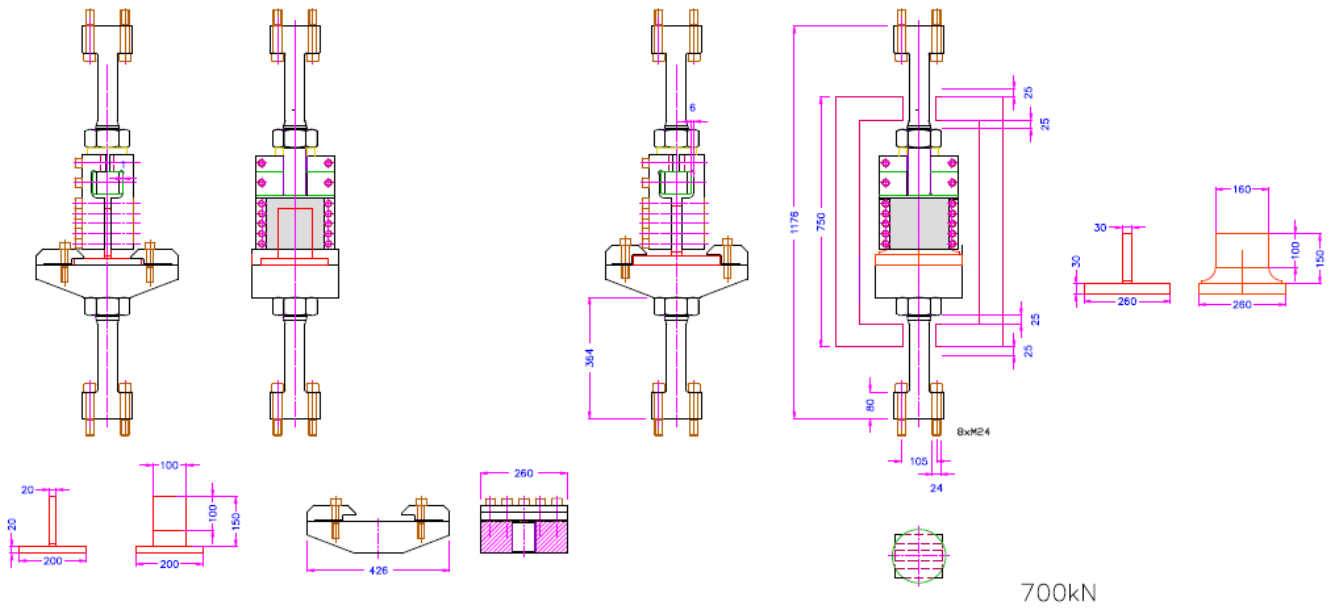
Item no.: THS28-S10



Fatigue grip with guide ball bearings

Item no.: THS28-101.6x76.2-GDE-Ni

Solutions for complex loads (static + dynamic) in temperature chamber on request



Fixtures similar to THS28



Item no.: THS1053-30-40

for vibration testing with torque feature

Max. load: 50 kN

Jaw opening: 0-30 mm

Clamping surface: 30x50 mm, pyramid (serrated)

Coupling: Am317 mm