FATIGUE GRIPS

Light-weight fatigue grips with high clamping force.
Applicable for steel, aluminium, composite materials, such as fibreglass, carbon-fibre-reinforced polymer (CFRP), etc. also in temperature chambers.

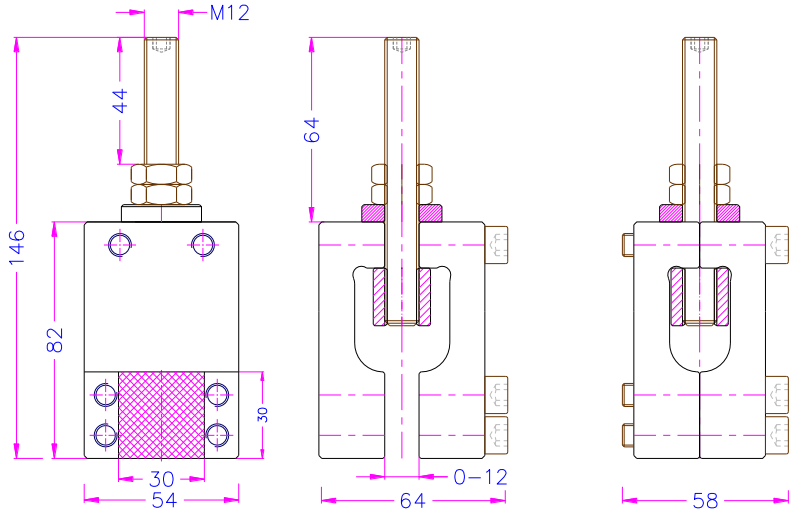
Backlash-free adjustment.
Serrated jaws for flat samples and v-jaws for round samples

Legend:
THS28-jaw type height x width – opening – adapter - specials

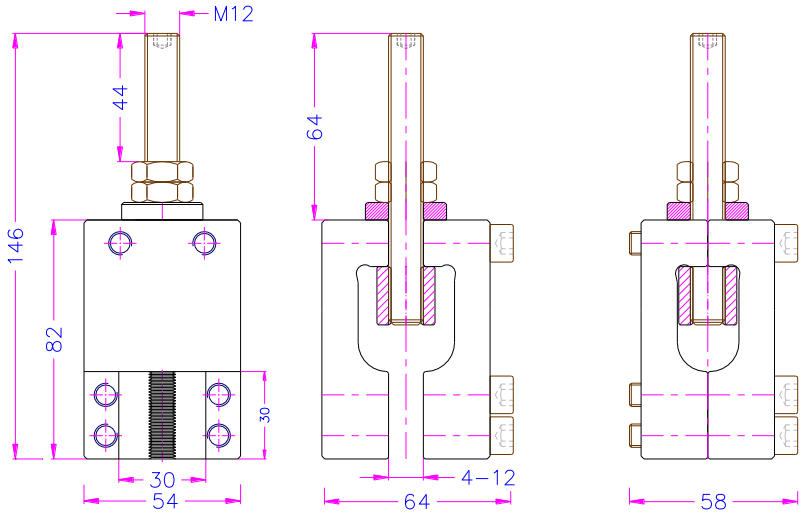
Item no.:	**THS28-BP30x30-S12-M12**

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
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



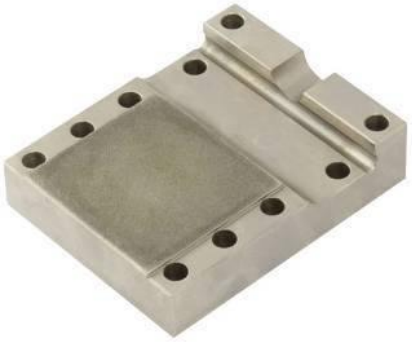
Item no.:	**THS28-BV10-D12-M12**
Max. load:	30 kN
Specimen thickness:	4-12 mm
Clamping surface:	V-jaws with tooth pitch 1 mm x 30 mm
Coupling:	M12 threaded stud
Body and jaws:	Steel, nickel-coated, hardened
Temperature range:	-40 … +280°C
Weight:	1.5 kg each grip
Scope of supply:	1 pair of grips



Examples for customized solutions

THS28-BP100x60-S12-M30

Pyramid jaws 100 mm wide, 60 mm high,
opening 12 mm, coupling M30

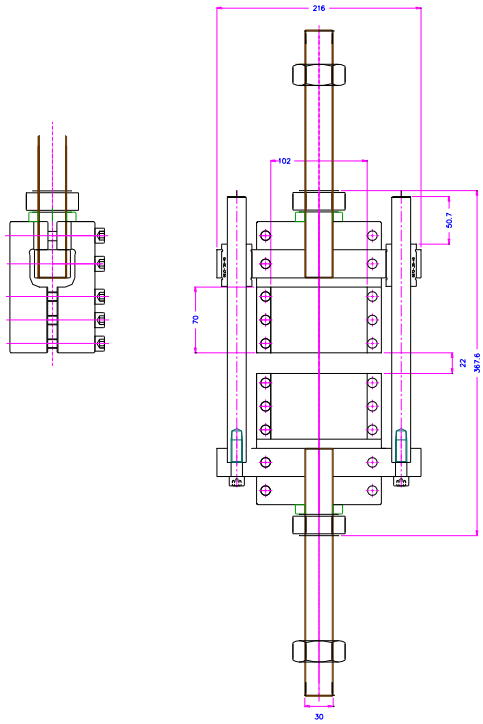


THS28-BP60x60-M12

Diamond-coated jaw faces, 60 x 60 mm

THS28-BP50x100-S16-M20-FA96

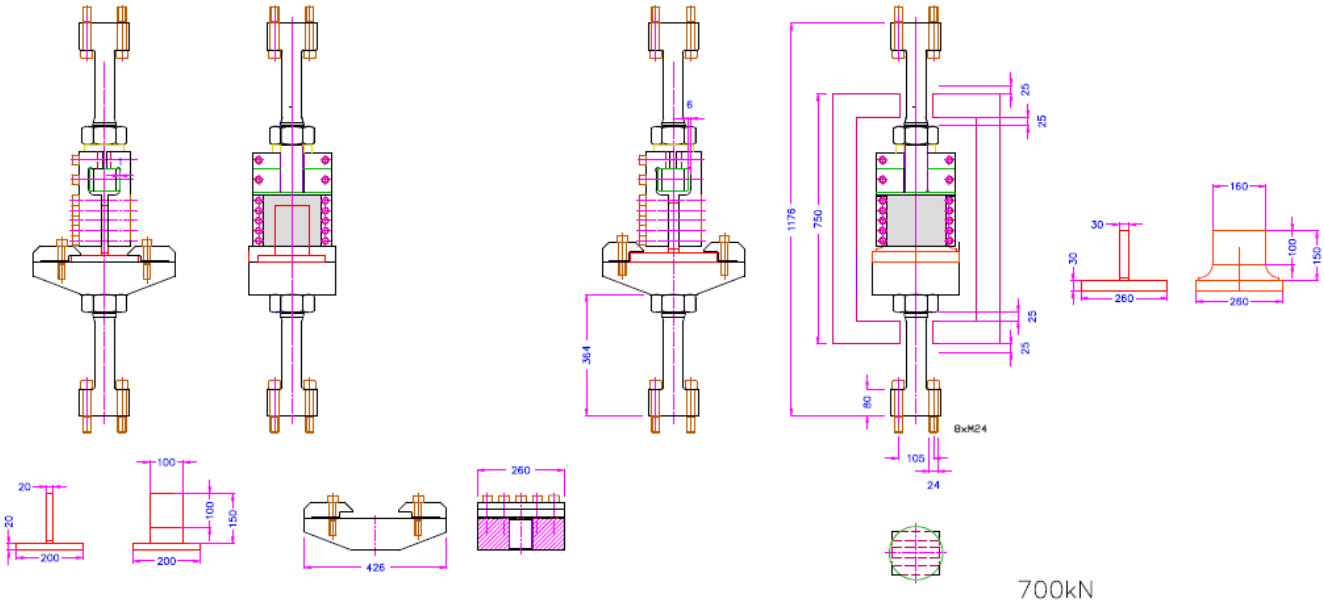
Fatigue grip with pull rod for temperature chamber usage
Pyramid jaws 50 mm wide, 100 mm high,
opening 16 mm, coupling M20



THS28-101.6x76.2-S16-M30-GDE-Ni

Fatigue grip with guide ball bearings
Clamping surface 101.6 mm wide, 76.2 mm high,
opening 16 mm, coupling M30,
with guides, nickel-plated

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



Special fixtures

THS1053-BP50x30-S30-FA-Am317

for vibration testing with torque feature

Max. load: 50 kN
Jaw opening 30 mm
Pyramid (serrated) jaws,
Clamping surface: 50 wide, 30 mm high,
Coupling: Am317 mm

26.10.2018OI