

COMPRESSION LOADING FIXTURE FOR COMPOSITE TESTING

according to

ASTM-D3410: Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading;

ISO 8515: Textile-glass-reinforced plastics - Determination of compressive properties in the direction parallel to the plane of lamination;

DIN EN ISO14126: Fibre-reinforced plastic composites - Determination of compressive properties in the in-plane direction;

AiTM1-0008: Fibre Reinforced Plastics – Determination of Plain, Open Hole and Filled Hole Compression Strength.

Item no.:	THS613-F150
Max. load:	150 kN
Material:	Steel, nickel-plated.
Temperature range:	-20°C ... +80°C. Further temperature ranges on request.
Weight:	25 kg without jaws.
Scope of delivery:	1 fixture without jaws. Specimen alignment jig should be ordered separately.



Wedge jaws for THS613: Scope of delivery: 1 set = 4 jaws

Item no.	Surface	Clamping surface H x W	Opening	Weight per pair
THS613-BP6	Pyramid (serrated) jaws	30 x 90 mm	0 – 6 mm	2.04 kg
THS613-BP15	Pyramid (serrated) jaws	30 x 90 mm	6 – 15 mm	1.73 kg

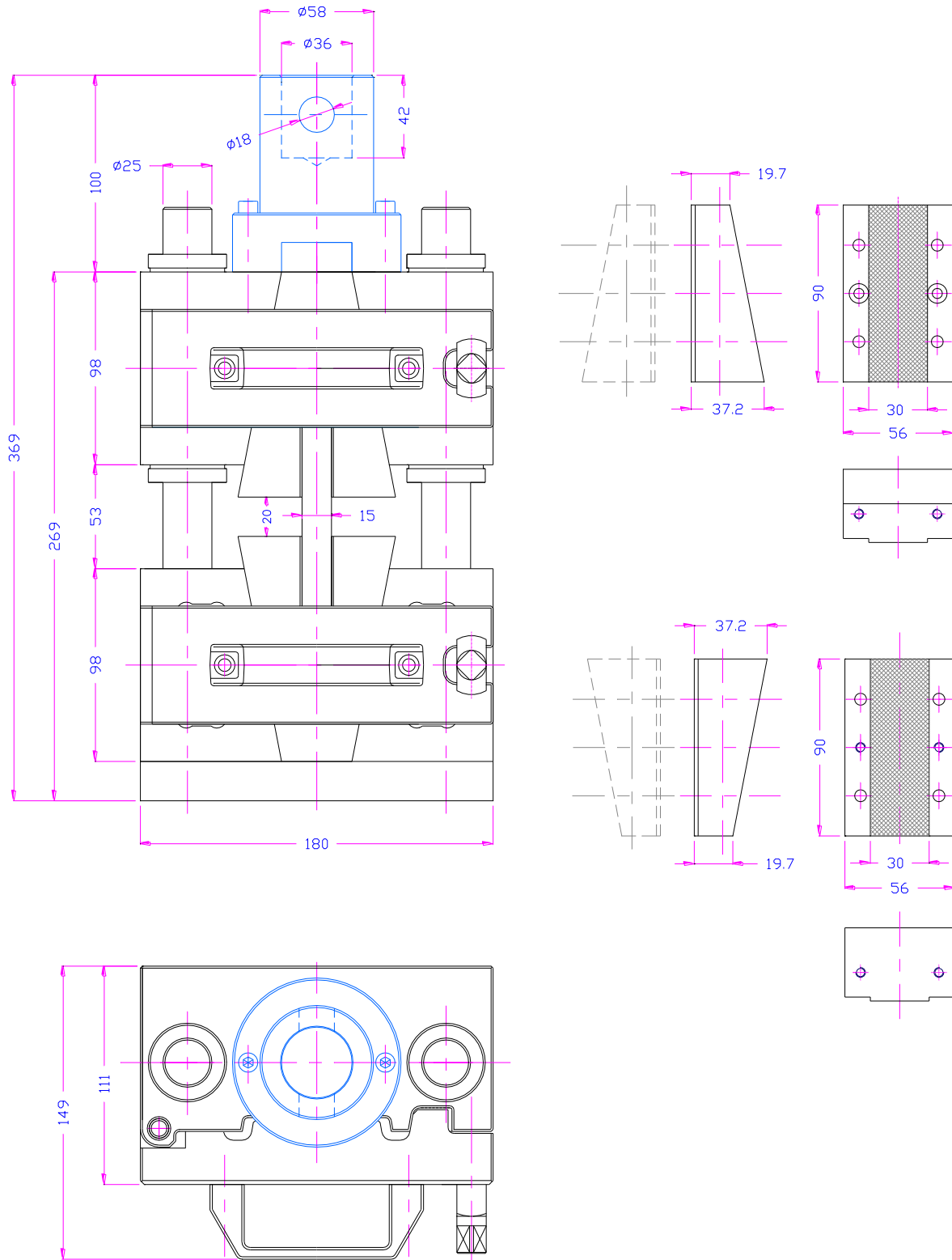
Sample alignment jig:
includes spacer, base and pins



with jaws



without jaws



THS613