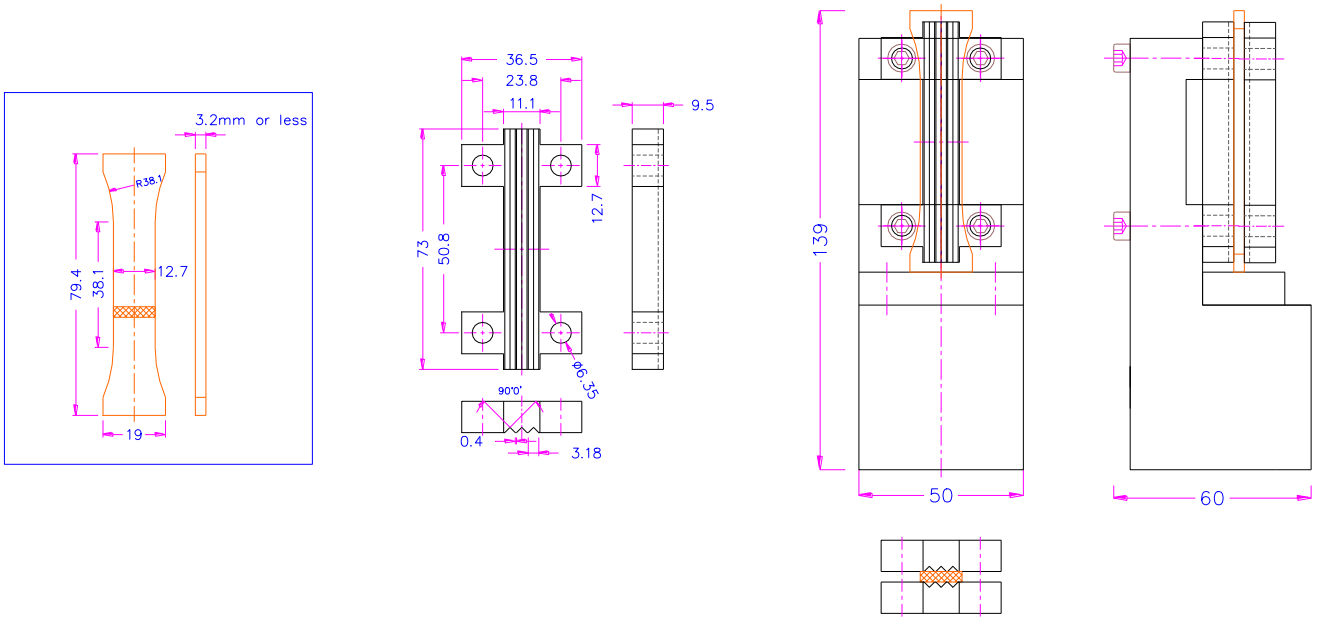
COMPRESSION TEST FIXTURE

to determine compressive strength and compressive modulus of plastic or composite specimens according to ASTM D695, ASTM D3846, prEN 2850, ISO 14126, GOST 9550-81, SACMA-SRM1

Item No.:	**THS793**
Max. load:	100 kN
Body:	Steel, nickel-plated
Standard temperature range:	-70 … +280°C Further temperature ranges on request
Weight:	1.9 kg
Scope of delivery:	1 fixture. Lower compression platen is needed for the test (not included in the price).

Standard	Sample length	Sample thickness (incl. tabs)	Effective length	Strain gauge gap
ASTM D695	79.4 mm (3.13 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	73 mm (2.87 in)	No
prEN 2850	79.4 mm (3.13 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	70 mm (2.76 in)	Yes
ASTM D3846	79.5 mm (3.13 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	73 mm (2.87 in)	Yes
ISO 14126	80 mm (3.15 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	70 mm (2.76 in)	No
GOST 9550-81	80 mm (3.15 in)	1.0 – 5.0 mm (0.04 – 0.5 in)	75 mm (2.95 in)	No
SACMA-SRM1-Type 1	80 mm (3.15 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	73 mm (2.87 in)	Yes
SACMA-SRM1-Type 2	80 mm (3.15 in)	1.0 - 12.7 mm (0.04 – 0.5 in)	73 mm (2.87 in)	No

Example:
THS793 according to ASTM D695



THS793–ASTM–D695

We recommend THS223g-96-St. for upper platen and TH23-116-St. for lower platen:

Upper platen

THS223g-96-St.
96 mm Ø. Steel, nickel-plated

Lower platen

TH23-116-St.
116 mm Ø. Steel, nickel-plated

22.03.2017OI