

TENSILE STANDARD SPECIMENS



- Suitable for the calibration and comparison verification of tensile-testing machines for metallic materials
- Suitable for the application software used to quantitatively evaluate tensile-testing machines
- Suitable for determining the measurement uncertainty of in-service equipment
- Suitable for laboratory intermediate checks
- Suitable for the assessment of test operators and test-method evaluation



UTM-TS10A



UTM-TS10C



UTM-TS20D

SPECIFICATION

Code	Specimen type	Test Temp.	Size	Original gauge length	Parallel length	Head dimension	Maximum force	Tensile strength	Yield strength	Elongation after rupture	Qty
UTM-TS5A	bar	RT	Ø5mm	25mm	30mm	Ø12mm	13kN	650MPa	382MPa	29.0%	5 pcs
UTM-TS10A	bar	RT	Ø10mm	50mm	60mm	Ø16mm	52kN	650MPa	390MPa	25.0%	5 pcs
UTM-TS15A	bar	RT	Ø15mm	75mm	85mm	Ø20mm	120kN	720MPa	440MPa	22.5%	5 pcs
UTM-TS25A	threaded	RT	Ø25mm	125mm	150mm	M32mm	330kN	710MPa	400MPa	24.5%	5 pcs
UTM-TS5B	bar	200°C	Ø5mm	25mm	30mm	Ø12mm	14kN	704MPa	314MPa	16.0%	5 pcs
UTM-TS10B	bar	200°C	Ø10mm	50mm	60mm	Ø16mm	54kN	690MPa	324MPa	15.0%	5 pcs
UTM-TS5C	threaded	RT	Ø5mm	25mm	30mm	M12mm	13kN	650MPa	382MPa	29.0%	5 pcs
UTM-TS10C	threaded	RT	Ø10mm	50mm	60mm	M16mm	52kN	650MPa	390MPa	25.0%	5 pcs
UTM-TS20D	sheet	RT	1.2×20mm	80mm	120mm	1.2×35mm	8kN	295MPa	139.5MPa	46.8%	5 pcs

*The actual value may be slightly different when delivered, please refer to the manufacturer inspection certificate.