



EXCERPT FROM THE STAPPERT TESTING PROGRAMME

Destructive testing methods	
Tensile test according to EN or ASTM at room temperature	
Hot tensile test according to EN or ASTM at all temperatures	
Impact test according to EN or ASTM at temperatures up to -196°C	
Chemical check analysis (optical emission spectrometry)	
Grain size test according to ASTM E112 or ISO 643	
Corrosion test (IC test) according to DIN EN ISO 3651-2	
Corrosion test (IC test) according to ASTM G48 or A262	
Determination of the inclusion content according to EN 10247 or ASTM E45	
Determination of the ferrite content according to ASTM E 562	
Brinell, Vickers, Rockwell hardness test	
Other mechanical and technological tests such as expansion test, flattening test etc.	
Non-destructive testing methods (for dimensions > 30 mm)	
Ultrasonic testing according to DIN EN 10308 or DIN EN 10228-4 or AD2000-A4, Abs. 6.3.1.	uo to 3500 mm
	from 3500 mm
Non-destructive testing methods (for dimensions < 30 mm)	
Surface crack testing (dye penetrant testing, eddy-current testing, magnetic particle testing)	
Hydrostatic test	
Material testing by third party classification authorities TÜV	
3.2 TÜV or 3.1 C TÜV according to AD2000-W2 for all dimension ranges and item weights	
3.2 TÜV or 3.1 C TÜV as per customer specification (individual approval)	
Revaluation at cost on the basis of an offer prepared in advance	
Material testing by third party classification authorities LR, DNV-GL, BV, ABS and others	
Revaluation at cost on the basis of an offer prepared in advance	

Remarks:
 Tensile test routinely performed according to EN ISO 6892-1
 Hot tensile test routinely performed according to EN ISO 6892-2
 Impact test routinely performed according to EN ISO 148-1