

Cast Iron

DIN- EN- ISO- STANDARD

Standard	Classification	Material
Dimension:	Heat- und corrosion resistant steels	W 1.4828, W 1.4878
Maximum Diameter: 1.500 mm	Austenitic alloys without Mo Austenitic alloys with 2-3 % Mo	W 1.4308, W 1.4552 W 1.4408, W 1.4581
Maximum Weight / Piece: 300 – 3.300 kg	Austenitic alloys with 3-4 % Mo Austenitic alloys with 4-6 % Mo Austenitic alloys with raised Si Fullaustenitic Special Alloy	W 1.4412 np. Nitronic 60 W 1.4446, W 1.4584 W 1.4588
Production forms:	Duplex steels	Lean-Duplex Duplex High-Carbon-Duplex Super-Duplex
- Rods / Bars - Bushes - Pipes - Rings -	Nickel-based alloys	Alloy -20, -59 Monel -400 Inconel -600, -601, -625 Incolloy -800, -825
	Titanium alloys	Titan Grade 2 Titan Grade 5
Test method:		
Impact Test at room temperature or low temperature acc to DIN EN 10045-2		
Tensile test acc to DIN EN 10002-1		
Hot tensile test until 900°C acc to DIN EN 10002-5		
Hardness Test acc. to Brinell and DIN EN ISO 6506-1		
Testing of Intercrystalline Corrosion acc to DIN EN ISO 3651-2, SEP 1877		
Huey-Test acc. to DIN EN ISO 3651-1		
Certificate:		
Certificate acc. to EN 10204 - 3.1 and 3.2 from von independent organization:		
	- Lloyd's Reg. of Shipping (LRS) - TÜV , - DNV , - GL acc. to PED 97/23/EC acc to ASME - NACE MR 0175	

EN_28/v01

BOCAR GMBH