

Material: JIS NCF 800 TB

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: JIS NCF 800 TB Seamless Steel Tubes for Pressure Purposes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: Steel and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.100 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.500 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	19.000 - 23.000		
Nickel	Ni %	30.000 - 35.000		
Titanium	Ti %	0.150 - 0.600		
Aluminium	Al %	0.150 - 0.600		
Copper	Cu %	0.750 max.		
Iron	Fe %	Balance	Mechanical Properties Tensile Strength in Mpa 520 min. Yield Strength in Mpa 205 min. Elongation in % 21 min. Reduction of Area in % - Hardness in HRB 95 max. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
10216-5 EN 1.4558	BS	British	Tube
1.4558	DIN	Germany	Steel, Rolling and Forging
1.4558	EN	European Union	Steel, Rolling and Forging
X2NiCrAlTi32-20	DIN	Germany	Steel, Rolling and Forging
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