

Material: DIN X 2 NiCrAlTi 32-20

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: DIN X 2 NiCrAlTi 32-20 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry: Steel, Rolling and Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	0.700 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.020 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	20.000 - 23.000		
Nickel	Ni %	32.000 - 35.000		
Titanium	Ti %	0.600 max.		
Aluminium	Al %	0.150 - 0.450		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	450 - 700
-	-	-	Yield Strength in Mpa	180 min.
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	90 J @ RT

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
NCF 800 TB	JIS	Japan	Steel and Tube
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com