

Material: UNI X 2 CrNiN 23-4

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: UNI X 2 CrNiN 23-4 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry: Steel, Sheet, Plate and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	22.000 - 24.000		
Molybdenum	Mo %	0.100 - 0.600		
Nickel	Ni %	3.500 - 5.500		
Copper	Cu %	0.100 - 0.600		
Nitrogen	N %	0.050 - 0.200		
Iron	Fe %	Balance	Mechanical Properties Tensile Strength in Mpa 600 - 2100 Yield Strength in Mpa 385 min. Elongation in % 20 min. Reduction of Area in % - Hardness in HB 290 max. Impact in Joule 60 J @ RT	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
10216-5 EN 1.4362	BS	British	Tube
1.4362	EN	European Union	Steel, Bar and Rod
1.4362	DIN	Germany	Steel, Bar and Rod
X2CrNiN23 4	EN	European Union	Steel, Bar and Rod
X2CrNiN23 4	AFNOR NF	France	Steel
X2CrNiN23 4	DIN	Germany	Steel, Bar and Rod
X2CrNiN 234	ISO	International	Steel, Bar, Rolling and Forging

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