

Material: UNE X 2 CrNiMoN 17 13 3

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: UNE X 2 CrNiMoN 17 13 3 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry: Steel, Bar, Wire, Rod and Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.045 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	16.500 - 18.500		
Molybdenum	Mo %	2.500 - 3.000		
Nickel	Ni %	11.500 - 14.500		
Nitrogen	N %	0.120 - 0.220		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 580 - 940 Yield Strength in Mpa 280 min. Elongation in % 30 min. Reduction of Area in % 55 min. Hardness in HB 250 max. Impact in Joule 60 J @ RT	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4429	EN	European Union	Tube
1.4429	DIN	Germany	Steel
10216-5	BS	British	Steel
X2CrNiMoN17 13 3	DIN	Germany	Steel
X2CrNiMoN17 13 3E	ISO	International	Steel
X2CrNiMoN17 13 3KKW	ONORM	Australia	Steel and Plate
X2CrNiMoN17 13 3	AFNOR NF	France	Steel, Bar and Rod

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India