



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - AFNOR NF X 15 CrNi 24-13

Standard Specification for Austenitic Stainless and Austenitic Ferritic Steel Rolled Tubes for Pressure Service

Group - Ferrous Stainless Steel Alloys

Sub Group - AFNOR NF X 15 CrNi 24-13 Austenitic Stainless and Austenitic Ferritic Steel Rolled Tubes for Pressure Service

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

Grade Belongs to the Industry - Rolled Tubes for Pressure Service

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	Solution Annealing	
Silicon	Si %	0.750 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	22.000 - 24.000		
Nickel	Ni %	12.000 - 14.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	540 - 750
-	-	-	Yield Strength in Mpa	240 min.
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SA-351 Grade CH8	ASME	USA	Casting
X 7 CrNi 23-14	DIN	Germany	Rolled and Forged Steel
X 12 CrNi 23-13	EN	European Union	Bar, Wire, Strip, Plat, Sheet and Forging
309S	AISI	USA	Bar, Wire, Strip, Plat, Sheet and Forging
SUS 309S	JIS	Japan	Wire, Rods for Wedding Material
X 6 CrNi 23-14	UNI	Italy	Plate, Sheet, Strip and Coil
A351 CH8	ASTM	USA	Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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