

## Material: UNI X 16 CrNi 23-14

### Standard Specification for Corrosion and Heat Resisting, Stainless Steel Plate, Sheet, Strip and Coil

**Group:** Ferrous Stainless Steel Alloys

**Sub Group:** UNI X 16 CrNi 23-14 Corrosion and Heat Resisting, Stainless Steel Plate, Sheet, Strip and Coil

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

**Grade Belongs to the Industry:** Plate, Sheet, Strip and Coil

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 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 %	22.000 - 24.000		
Nickel	Ni %	12.000 - 15.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	540 - 735
-	-	-	Yield Strength in Mpa	225 min.
-	-	-	Elongation in %	25 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	220 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4833	EN	European Union	Hot or Cold Rolled, Sheet, Plate, Strip, Bar and Rods
SUH 309	JIS	Japan	Bar, Sheet, Strip and Coil
309	SAE	USA	Bar, Wire, Shapes and Forging
SA-351 Grade CH20	ASME	USA	Casting
X 15 CrNi 24-13	AFNOR NF	France	Rolled Tubes for Pressure Service
A743 CH20	ASTM	USA	Casting
A351 CH20	ASTM	USA	Casting

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