

# Material: UNI G X 30 CrNi 20-10

## Standard Specification for Austenitic Stainless Steel Heat Resisting Steel and Alloy Sand Castings

**Group:** Ferrous Stainless Steel Alloys

**Sub Group:** UNI G X 30 CrNi 20-10 Austenitic Stainless Steel Heat Resisting Steel and Alloy Sand Castings

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

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	0.200 - 0.400
Silicon	Si %	2.500 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.035 max.
Chromium	Cr %	18.000 - 22.000
Nickel	Ni %	8.000 - 12.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As - Cast

Mechanical Properties	
Tensile Strength in Mpa	490 min.
Yield Strength in Mpa	240 min.
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4826	DIN	Germany	Casting
SCH 12	JIS	Japan	Casting
J92603	UNS	USA	Casting
AM-X 30 CrNi 20-10	UNE	Spain	Casting
422934	CSN	Czech Republic	Casting
G X 40 CrNiSi 22-9	DIN	Germany	Casting
A297 Grade HF	ASTM	USA	Casting

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