

Material: UNE AM-X 30 CrNi 20-10

Standard Specification for Heat Resistant Steel Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: UNE AM-X 30 CrNi 20-10 Heat Resistant Steel Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 - 0.400	As - Cast	
Silicon	Si %	2.000 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	18.000 - 23.000		
Nickel	Ni %	8.000 - 12.000		
Molybdenum	Mo %	0.500 max.		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 485 min. Yield Strength in Mpa 240 min. Elongation in % 25 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4826	DIN	Germany	Casting
SCH 12	JIS	Japan	Casting
G X 30 CrNi 20-10	UNI	Italy	Casting
J92603	UNS	USA	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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