

Material: CSN 422934

Standard Specification for Heat Resistant Steel Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: CSN 422934 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 %	0.250 - 0.450	As - Cast	
Silicon	Si %	1.000 - 2.000		
Manganese	Mn %	1.500 max.		
Phosphorus	P %	0.045 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	20.000 - 23.000		
Nickel	Ni %	9.000 - 11.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 441 min. Yield Strength in Mpa 206 min. Elongation in % 10 min. Reduction of Area in % - Hardness in HB 160 - 250 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
AM-X 30 CrNi 20-10	UNE	Spain	Casting
J92603	UNS	USA	Casting
G X 40 CrNiSi 22-9	DIN	Germany	Casting
A297 Grade HF	ASTM	USA	Casting

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Customer Care: +91-99090 45075 Email: info@icastllp.com