

Material: DIN G X 22 CrNi 17

Standard Specification for Corrosion Resistant Steel Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: DIN G X 22 CrNi 17 Corrosion 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 - 0.270	Annealing or Hardening + Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.045 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	16.000 - 18.000		
Nickel	Ni %	1.000 - 2.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 780 - 980 Yield Strength in Mpa 590 min. Elongation in % 4 min. Reduction of Area in % - Hardness in BHN 200 - 300 Impact in Joule -	
-	-	-		
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J91803	UNS	USA	Casting
AoX 20 CrNi 17-2	MSZ	Hungary	Casting
ANC 2	BS	British	Casting
Z 20 Cn 17.2M	AFNOR NF	France	Casting
1.4059	DIN	Germany	Casting
A743 CB30	ASTM	USA	Casting
3444 Grade 12	IS	India	Casting

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