

Material: DIN 1.4469

Standard Specification for Corrosion Resistant Steel Casting

Group: Ferrous Stainless Steel Alloys

Sub Group: DIN 1.4469 Corrosion Resistant Steel Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	24.000 - 26.000		
Nickel	Ni %	6.000 - 8.000		
Molybdenum	Mo %	4.000 - 5.000		
Nitrogen	N %	0.120 - 0.250		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 650 - 850. Yield Strength in Mpa 480 min. Elongation in % 22 min. Reduction of Area in % - Hardness in BHN - Impact in Joule 50 J @ RT	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4469	EN	European Union	0
GX2CrNiMoN26-7-4	DIN	Germany	Casting
GX2CrNiMoN25-7-4	DIN	Germany	Casting
J93404	UNS	USA	Casting
GX2CrNiMoN26-7-4	AFNOR NF	France	Casting
A995 5A	ASTM	USA	Casting
A890 5A	ASTM	USA	Casting

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