

# Material: DIN GX2CrNiMoN25-7-4

## Standard Specification for Corrosion Resistant Steel Casting

**Group:** Ferrous Stainless Steel Alloys

**Sub Group:** DIN GX2CrNiMoN25-7-4 Corrosion Resistant Steel Casting

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

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	0.030 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Solution Annealing

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	60 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4469	EN	European Union	0
GX2CrNiMoN26-7-4	DIN	Germany	Casting
GX2CrNiMoN26-7-4	AFNOR NF	France	Casting
J93404	UNS	USA	Casting
1.4469	EN	European Union	Casting
A995 5A	ASTM	USA	Casting
A890 5A	ASTM	USA	Casting

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