

Material: UNI G X 40 CrNi 26-20

Standard Specification for Austenitic Stainless Steel Heat Resisting Steel and Alloy Sand Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: UNI G X 40 CrNi 26-20 Austenitic Stainless Steel Heat Resisting Steel and Alloy Sand Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.200 - 0.600
Silicon	Si %	2.500 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.035 max.
Chromium	Cr %	24.000 - 28.000
Nickel	Ni %	18.000 - 22.000
Molybdenum	Mo %	0.500 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As - Cast

Mechanical Properties	
Tensile Strength in Mpa	440 min.
Yield Strength in Mpa	240 min.
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
310C40	BS	British	Casting
1.4848	DIN	Germany	Casting
J94224	UNS	USA	Casting
422952	CSN	Czech Republic	Casting
40 CrNiSi 25-20	MSZ	Hungary	Casting
393 G X 40 CrNi 25-20	SFS	Finland	Casting
A297 Grade HK	ASTM	USA	Casting

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