

## Material: UNI G X 55 NiCr 66-17

### Standard Specification for Heat Stainless Steel and Alloy Sand Castings

**Group:** Ferrous Stainless Steel Alloys

**Sub Group:** UNI G X 55 NiCr 66-17 Heat Stainless Steel and Alloy Sand Castings

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

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.350 - 0.750	As - Cast	
Silicon	Si %	2.500 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.035 max.		
Chromium	Cr %	15.000 - 19.000		
Molybdenum	Mo %	0.500 max.		
Nickel	Ni %	64.000 - 68.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	410 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A608 Grade HX 50	ASTM	USA	Casting
N06006	UNS	USA	Casting
N06050	UNS	USA	Casting
A297 Grade HX	ASTM	USA	Casting
IS 4522 Grade 14	IS	India	Casting
13505 Grade HX	IS	India	Casting
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