

# Material: DIN SG-NiCr 23 Mo 16

## Standard Specification for Nickel and Nickel Alloy Casting

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** G-NiCr 23 Mo 16 Nickel and Nickel Alloy Casting

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

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	0.010 max.
Silicon	Si %	0.100 max.
Manganese	Mn %	0.500 max.
Chromium	Cr %	22.000 - 24.000
Cobalt	Co %	0.300 max.
Aluminium	Al %	0.100 - 0.400
Molybdenum	Mo %	15.000 - 16.500
Iron	Fe %	1.500 max.
Phosphorus	P %	0.020 max.
Sulphur	S %	0.015 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardening

Mechanical Properties	
Tensile Strength in Mpa	-
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
2.4607	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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