Material - DIN NiCr23Mo16Al

Standard Specification for Nickel Base Alloy Plate, Sheet, Strip, Bars and Forgings

Group - Non-Ferrous Nickel Alloys
Sub Group - DIN NiCr23Mo16Al Nickel Base Alloy Plate, Sheet, Strip, Bars and Forgings
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Plate, Sheet, Strip, Bar and Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
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 %	0.015 max.	Mechanical Properties	
Sulphur	S %	0.010 max.	Tensile Strength in Mpa	690 min.
Copper	Cu %	0.500 max.	Yield Strength in Mpa	320 min.
Nickel	Ni %	Balance	Elongation in %	25 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	240 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4605	DIN	Germany	Plate, Sheet, Strip, Bar and Forging
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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