



## Material - DIN 24 Ni 8

### Standard Specification for Low alloyed Ni steel

Group - Ferrous Stainless Steel Alloys

Sub Group - DIN 24 Ni 8 Low alloyed Ni steel

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

Grade Belongs to the Industry - Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 - 0.280	Normalising or Annealing or Hardening + Tempering	
Silicon	Si %	0.150 - 0.350		
Manganese	Mn %	0.600 - 0.800		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.0350 max.		
Chromium	Cr %	0.300 max.		
Nickel	Ni %	1.900 - 2.200		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b>	
-	-	-	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
G 9 Ni 10	EN	European Union	Casting
SCPL 21	JIS	Japan	Casting
G9Ni10	UNI	Italy	Casting
J22501	UNS	USA	Casting
AH 60	MSZ	Hungary	Steel
A757 B2N B2Q	ASTM	USA	Casting
20 N 8	AFNOR NF	France	Steel

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

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