GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D 3698 STS304N1

Standard Specification for Cold-Rolled Stainless Steel Sheet and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - KS D 3698 STS304N1 Cold-Rolled Stainless Steel Sheet and Strip

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

Grade Belongs to the Industry - Sheet and Strip

Chemical Composition		
Carbon	C %	0.080 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.500 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Nickel	Ni %	7.000 - 10.500
Chromium	Cr %	18.000 - 20.000
Nitrogen	N %	0.100 - 0.250
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	550 min.
Yield Strength in Mpa	275 min.
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in HB	217 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G 4308 SUS 304 N1	JIS	Japan	Steel, Wire and Rods
G 4309 SUS 304 N1	JIS	Japan	Steel and Wire
G 4305 SUS 304 N1	JIS	Japan	Plate, Sheet and Strip
G 4303 SUS 304 N1	JIS	Japan	Steel and Bars
G 4304 SUS 304 N1	JIS	Japan	Plate, Sheet and Strip
D 3703 STS 304N1	KS	Korea	Steel and Wire
D 3702 STS 304N1	KS	Korea	Steel, Wire and Rods

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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