GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 310S25

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 310S25 Stainless and Heat-resisting Steel Round Wire

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

Grade Belongs to the Industry - Steel and Round Wire

Chemical Composition		
Carbon	C %	0.150 max.
Silicon	Si %	1.500 max.
Manganese	Mn %	2.500 max.
Sulphur	S %	0.030 max.
Phosphorus	P %	0.045 max.
Chromium	Cr %	25.000 - 28.000
Nickel	Ni %	20.000 - 22.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Soft Annealing

Mechanical Properties	
Tensile Strength in Mpa	900 min.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G 4311 SUH 310	JIS	Japan	Steel and Bars
G 4316 SUS Y 310	JIS	Japan	Steel, Wire and Rod
G 4316 SUS Y 310S	JIS	Japan	Steel, Wire and Rod
A 81-343 Z 25.20	AFNOR NF	France	Steel
A 81-324 SA 25.20-14	AFNOR NF	France	Steel and Wire
SAE J 405 310	AISI	USA	Steel
1449 310S	AS	Australia	Plate, Sheet and Strip

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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