GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A314 S30323

Standard Specification for Stainless Steel Billets and Bars for Forging

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A314 S30323 Stainless Steel Billets and Bars for Forging

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

Grade Belongs to the Industry - Billets, Bars and Forging

Chemical Composition		
Carbon	C %	0.150 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.200 max.
Sulphur	S %	0.060 max.
Silicon	Si %	1.000 max.
Chromium	Cr %	17.000 - 19.000
Nickel	Ni %	8.000 - 10.000
Selenium	Se %	0.150 min.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw & Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G 4318 SUS 303Se	JIS	Japan	Steel and Bars
G 4308 SUS 303Se	JIS	USA	Steel and Wire Rods
G 4309 SUS 303Se	JIS	USA	Steel and Wire
G 4303 SUS 303Se	JIS	USA	Steel and Bars
A 314 303Se	ASTM	USA	Bars and Forging
A 582 Type 303Se	ASTM	USA	Steel and Bars
A 959 Type 302Se	ASTM	USA	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

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