GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A493 Type 304L

Standard Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging

Group - Ferrous Stainless Steel Alloys
Sub Group - ASTM A493 Type 304L Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Wire Rods and Forging

Chemical Composition		
Carbon	C %	0.030 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Silicon	Si %	1.000 max.
Chromium	Cr %	18.000 - 20.000
Nickel	Ni %	8.000 - 12.000
Copper	Cu %	1.000 max.
Nitrogen	N %	0.100 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	620 max.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S30403	UNS	USA	Sheet, Strip and Plate
SAE AMS 5674 304 L	AISI	USA	Steel
1449 304L	AS	Australia	Plate, Sheet and Strip
A 778 Grade TP 304L	ASTM	USA	Steel
A 580 Type 304L	ASTM	USA	Steel and Wire
A 276 304L	ASTM	USA	Bars and Shapes
A 358 304L	ASTM	USA	Steel and Pipe

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.