GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 304S11

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 304S11 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 %	0.030 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Sulphur	S %	0.030 max.
Phosphorus	P %	0.045 max.
Chromium	Cr %	17.000 - 19.000
Nickel	Ni %	9.000 - 12.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Soft Annealing

Mechanical Properties	
Tensile Strength in Mpa	850 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**
SEW 390 1.3945	DIN	Germany	Steel
683-13 10	ISO	International	Steel
14360	NS	Norway	Steel
142352 2352	SS	Sweden	Steel
720 (X 2 CrNi 18 10)	SFS	Finland	Steel
36087-4 F.3503	UNE	Spain	Plate, Sheet and Strip
EU 88-3 X 2 CrNi 18 10	EN	European Union	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

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.