GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS ISO 16143-3 X3CrNiCu18-9-4 (4567-304-30-I)

Standard Specification for Stainless Steels for General Purposes

Group - Ferrous Stainless Steel Alloys

Sub Group - BS ISO 16143-3 X3CrNiCu18-9-4 (4567-304-30-I) Stainless Steels for General Purposes

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

Grade Belongs to the Industry - Wire

Chemical Composition		
Carbon	C %	0.040 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	17.000 - 19.000
Nickel	Ni %	8.000 - 10.500
Nitrogen	N %	0.100 max.
Copper	Cu %	3.000 - 4.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	850 min.
Yield Strength in Mpa	-
Elongation in %	30 min.
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**
10263-5 1.4567	EN	European Union	Wire, Rod and Bars
EN 10088-3 1.4567	DIN	Germany	Steel
A 959 S30430	ASTM	USA	Steel
AMS-QQ-S-763 EV 17	SAE	USA	Bar, Wire, Shape and Forging
S30433	UNS	USA	Steel
4954 X 3 CrNiCu 18 93 E	ISO	International	Steel
EN 10088-3 X 3 CrNiCu 18-9-4	UNI	Italy	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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