GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 430S18

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 430S18 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 %	0.100 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Sulphur	S %	0.030 max.
Phosphorus	P %	0.040 max.
Chromium	Cr %	16.000 - 18.000
Nickel	Ni %	1.000 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Soft Annealing

Mechanical Properties	
Tensile Strength in Mpa	650 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**
36016-1 F.3113	UNE	Spain	Steel
4955 X 6 Cr 17	ISO	International	Steel
8317 X 8 Cr 17	UNI	Italy	Plate, Sheet and Strip
EU 119 X 8 Cr 17 KD	EN	European Union	Steel
F 80-109 Z 8 C 17	AFNOR NF	France	Steel
4360 KO 3	MSZ	Hungary	Steel
142320 2320	SS	Sweden	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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