GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 326S42

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 326S42 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 %	0.120 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Sulphur	S %	0.060 max.
Phosphorus	P %	0.060 max.
Chromium	Cr %	16.500 - 18.500
Nickel	Ni %	10.000 - 13.000
Molybdenum	Mo %	2.250 - 3.000
Selenium	Se %	0.150 - 0.350
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Soft Annealing

Mechanical Properties	
Tensile Strength in Mpa	900 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**
10263-5 1.4432	EN	European Union	Steel, Rod,Bars and Wire
10263-5 1.4436	EN	European Union	Steel, Rod,Bars and Wire
10088-3 1.4432	DIN	Germany	Steel
10028-7 1.4436	DIN	Germany	Steel
AMS-QQ-S-763 316	SAE	USA	Steel, Bars, Wire, Shapes and Forging
10028-2 X 3 CrNiMo 17-13-3	UNI	Italy	Steel and Casting
10088-1 X3CrNiMo17-13-3	AFNOR NF	France	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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