GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 202S16

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 202S16 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 %	0.150 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	7.500 - 10.000
Sulphur	S %	0.030 max.
Phosphorus	P %	0.060 max.
Chromium	Cr %	17.000 - 19.000
Nickel	Ni %	4.000 - 6.000
Nitrogen	N %	0.250 max.
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**
S20200	UNS	USA	Steel
AMS-QQ-S-763 30202	SAE	USA	Steel, Bars, Wire, Shapes and Forging
J 405 30202	SAE	USA	Steel
G 4305 SUS 202	JIS	Japan	Plate, Sheet and Strip
AMS-QQ-S-763 202	AMS	USA	Steel, Bars, Wire, Shapes and Forging
A 240 Type 202	ASTM	USA	Plate, Sheet and Strip
SA-240 202	ASME	USA	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

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