Material - ISO 4954 C15GC

Standard Specification for Carbon Steel Wire Rods for Cold Heading and Cold Forging

Group - Ferrous Mild Steel Alloys

Sub Group - ISO 4954 C15GC Carbon Steel Wire Rods for Cold Heading and Cold Forging

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

Grade Belongs to the Industry - Wire Rod and Forging

Chemical Composition		
Carbon	C %	0.130 - 0.170
Silicon	Si %	0.100 - 0.250
Manganese	Mn %	0.300 - 0.600
Phosphorus	P %	0.025 max.
Sulphur	S %	0.025 max.
Chromium	Cr %	0.300 max.
Copper	Cu %	0.300 max.
Molybdenum	Mo %	0.100 max.
Nickel	Ni %	0.300 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Normalizing or Annealing or Hardening and Tempering

Mechanical Properties	
Tensile Strength in Mpa	550 max.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	56 min.
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SWRCH 15K	JIS	Japan	Wire Rod and Forging
SWRCH15K	MS	Malaysia	Wire Rod and Forging
SWRCH15K	KS	Korea	Wire Rod and Forging
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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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