



Material - JIS G 3539 SWRCH 16K

Standard Specification for Carbon Steel Wire Rods for Cold Heading and Cold Forging Group - Ferrous Mild Steel Alloys

Sub Group - JIS G 3539 SWRCH 16K 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			Heat Treatment	
Carbon	C %	0.130 - 0.180	As Raw or Normalizing or Annealing or Hardening and Tempering	
Silicon	Si %	0.100 - 0.350		
Manganese	Mn %	0.600 - 0.900		oaling or Hardoning and
Phosphorus	P %	0.030 max.		· ·
Sulphur	S %	0.035 max.		iig
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-		Tensile Strength in Mpa	412 min.
-	-		Yield Strength in Mpa	-
-	-		Elongation in %	13 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	86 max.
-	-	-	Impac <mark>t in Joule</mark>	-

Cross Reference Table					
Material	Standard	Country	Grade Belong to the Industry		
SWCH 16K	JIS	Japan	Wire Rod and Forging		
SWRCH16K	MS	Malaysia	Wire Rod and Forging		
SWRCH16K	KS	Korea	Wire Rod and Forging		
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-	-	-	-		
-	-	-	-		
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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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