

Material: KS D 3592 SWRCH6R

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

Group: Ferrous Mild Steel Alloys

Sub Group: KS D 3592 SWRCH6R 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 %	0.080 max.
Manganese	Mn %	0.600 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.040 max.
Chromium	Cr %	0.200 max.
Copper	Cu %	0.300 max.
Nickel	Ni %	0.200 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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

Mechanical Properties	
Tensile Strength in Mpa	600 min.
Yield Strength in Mpa	-
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SWRCH 6R	JIS	Japan	Wire Rod and Forging
SWCH 6R	JIS	Japan	Wire Rod and Forging
SWRM 6	KS	Korea	Wire Rod and Forging
SWRMF 6	KS	Korea	Wire Rod and Forging
SWRM 6	JIS	Japan	Wire Rod and Forging
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