

Material: KS D 3554 SWRM 8

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

Group: Ferrous Mild Steel Alloys

Sub Group: KS D 3554 SWRM 8 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 %	0.100 max.	As Raw or Normalizing or Annealing or Hardening and Tempering	
Manganese	Mn %	0.600 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 290 min. Yield Strength in Mpa - Elongation in % 45 min. Reduction of Area in % - Hardness in HRC 85 max. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SWRCH 8R	JIS	Japan	Wire Rod and Forging
SWCH 8R	JIS	Japan	Wire Rod and Forging
SWRMF8	KS	Korea	Wire Rod and Forging
SWRCH8R	KS	Korea	Wire Rod and Forging
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