



## Material - JIS G 3505 SWRM 6

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

**Group - Ferrous Mild Steel Alloys**

**Sub Group - JIS G 3505 SWRM 6 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 %	0.080 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.		
Boron	B %	0.007 max.		
Iron	Fe %	Balance		
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-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      600 min. Yield Strength in Mpa      - Elongation in %      5 min. 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
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
SWRCH6R	KS	Korea	Wire Rod and Forging
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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](mailto:marketing@gravitycastindia.com)**

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