

Iron & Steel

STEEL WIRE ROD

PACKING: • Rounded Coils: from 200 KG up to 3 MT

MOQ: • 500 MT

SHIPMENT: • Break Bulk • Containerized

Low Carbon Wire Rods							
Standards & Grades		Chemical Compositions					Ø (mm)
SAE	RM (MPa)	C	Si	Mn	P	S	
1006	370 Max	0.08 Max	0.15 Max	0.30-0.70	0.025Max	0.025 Max	5.5 - 16
1008	420 Max	0.10	0.15 Max	0.30-0.70	0.025Max	0.025 Max	
1010	440 Max	0.12	0.15 Max	0.30-0.70	0.025Max	0.025 Max	
1012	470 Max	0.14	0.15-0.30	0.30-0.70	0.025Max	0.025 Max	
1015	540 Max	0.18	0.15-0.30	0.30-0.70	0.025Max	0.025 Max	
Medium Carbon Wire Rods							
C-C		0.05-0.10	0.05-0.20	0.30-0.70	0.025	0.025	Al = 0.04 5.5 - 16
C10C		0.08-0.12	0.05-0.20	0.30-0.70	0.025	0.025	
18Mnb4		0.16-0.2	0.30 Max	0.90-1.20	0.025	0.025	
20Mnb4		0.18-0.23	0.30 Max	0.90-1.20	0.025	0.025	
23Mnb4		0.20-0.25	0.30 Max	0.90-1.20	0.025	0.025	
B2 38		0.35-0.40	0.30 Max	0.60-0.90	0.025	0.025	
Cr 4 41		0.38-0.45	0.30 Max	0.60-0.90	0.025	0.025 Cr & Mo	
42CrMo4		0.38-0.45	0.30 Max	0.60-0.90	0.025	0.025 0.9-1.2	
High Carbon Wire Rods							
En10016-1-4 (JIS G 3506)	SWRH 55B	0.57 Max	0.15-0.30	0.40-0.80	0.025	0.025	5.5 - 16
	SWRH 62B	0.65 Max	0.15-0.30	0.40-0.80	0.025	0.025	
	SWRH 67B	0.70 Max	0.15-0.30	0.40-0.80	0.025	0.025	
	SWRH 72B	0.75 Max	0.15-0.30	0.40-0.80	0.025	0.025	
	SWRH 82B	0.84 Max	0.15-0.30	0.40-0.80	0.025	0.025	
Production of Electrodes & Welding Rods							
GIS G 3503	SWRY11	0.09 Max	0.03 Max	0.35-0.65	0.020	0.023	5.5 To 16
ISO 14171	S2	0.7-0.15	0.15 Max	0.80-1.2	0.025	0.025	
DIN 8559	SG2	0.7-2.14	0.70-1.00	1.30-1.6	0.025	0.025	



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