

MILD STEEL WIRE



**Certified by CWB
to CSA W48-Class ER49S-6**



Specifications

AWS A5.18 Class ER70S-6

Description

S6 contains high levels of manganese and silicon for stronger deoxidizing power where stringent cleaning procedures are not possible. This wire has been designed to provide X-ray quality porosity-free welds and the highest tensile strength (as welded) of the plain carbon steel wires. The high silicon content increases the fluidity of the weld pool, creating a smoother bead appearance and resulting in minimal post-weld grinding. S6 is excellent where poor fit-ups or rusty and oily plates may be used.

Applications

Construction work, tanks, truck bodies, farm implements, pipes, steel castings or forgings, shaft build-ups and general shop fabrications.

DIAMETER	SPOOL SIZES					PACKAGING
	1KG (2.2LB)	5KG (11LB)	15KG (33LB)	20KG (44LB)	250KG (550LB)	
0.6mm (.023")	S6061	S6065	S60615			1kg spools are packaged 18 spools per master carton 20kg spools are packaged 60 spools (1200kg) per pallet 250 kg drums are packaged 2 drums (500kg) per pallet
0.8mm (.030")	S6081	S6085		S60820		
0.9mm (.035")	S6091	S6095		S60920	S609250	
1.2mm (.045")	S6121	S6125		S61220	S612250	

MILD STEEL TIG RODS

RG45

RG45116 ROD RG45 1/16" X 36"
 RG4518 ROD RG45 1/8" X 36"
 RG45316 ROD RG45 3/16" X 36"
 RG45332 ROD RG45 3/32" X 36"

RG60

RG60116 ROD RG60 1/16" X 36"
 RG6018 ROD RG60 1/8" X 36"
 RG60316 ROD RG60 3/16" X 36"
 RG60332 ROD RG60 3/32" X 36"
 RG60532 ROD RG60 5/32" X 36"

ER70S-2

S2035 ROD E70S2 .035" X 36"
 S2045 ROD E70S2 .045" X 36"
 S2116 ROD E70S2 1/16" X 36"
 S218 ROD E70S2 1/8" X 36"
 S2316 ROD E70S2 3/16" X 36"
 S2332 ROD E70S2 3/32" X 36"
 S2532 ROD E70S2 5/32" X 36"

ER70S-3

S3116 ROD ER70S3 1/16" X 36"
 S318 ROD ER70S3 1/8" X 36"
 S3332 ROD ER70S3 3/32" X 36"



ER80S-D2

80SD2045 ROD ER80S-D2 .045" X 36"
 80SD2116 ROD ER80S-D2 1/16" X 36"
 80SD218 ROD ER80S-D2 1/8" X 36"
 80SD2332 ROD ER80S-D2 3/32" X 36"

ER80S-B2

ERSB2-045 ROD ER80S-B2 .045" X 36"
 ERSB2-116 ROD ER80S-B2 1/16" X 36"
 ERSB2-18 ROD ER80S-B2 1/8" X 36"
 ERSB2-332 ROD ER80S-B2 3/32" X 36"

ER90S-B3

ERSB3-116 ROD ER90S-B3 1/16" X 36"
 ERSB3-18 ROD ER90S-B3 1/8" X 36"
 ERSB3-332 ROD ER90S-B3 3/32" X 36"

ER70S-6

S6035 ROD ER70S6 .035" X 36"
 S6045 ROD ER70S6 .045" X 36"
 S6116 ROD ER70S6 1/16" X 36"
 S618 ROD ER70S6 1/8" X 36"
 S6332 ROD ER70S6 3/32" X 36"

PACKAGING: 10# (4.5kg) Tubes, 50# (22.7kg) per carton