



High quality Welding wire SG2, SG3 on wire baskets with TÜV & DB certificates

I. PRODUCT DESCRIPTION:

1. Welding Wire ER70S-6 -- Main Characteristics:

- A. Low welding costs.
- B. High productivity and low electricity consumption.
- C. Easy to operate. All-position welding.
- D. Very low hydrogen content in the weld and lower nitrogen content. Excellent crack-resistance.
- E. Little deformation after welding.
- F. Wide applicability. Suitable for welding thin, medium and thick plates.

2. Welding Wire ER70S-6 -- Description:

QSM Co₂ gas shielded welding wire ER70S-6 is a kind of mild steel copper coated welding wire, suitable for 100% CO₂ and Argon& CO₂ mixed gas protective welding with stable feasibility, good welding seams, less spatters and excellent welding process properties. It is typically used in general fabrication, maintenance, bridge and structural applications.

QSM gas shielded welding wire ER70S-6 provide low spatter and excellent performance with consistent coating ensuring smooth feeding.

3. Welding Wire ER70S-6 -- Application:

Used to weld ship building steel (A, B, D, E, A36, D36, E36) and equivalent mild steel or 550Mpa grade mild alloy steel, such as container building, construction machine, railway construction, pressure vessel for semi-auto or automatic gas shielded welding.

4. Welding Wire ER70S-6 -- Conform with:

GB/T ER50-6 DIN SG2 JIS YGW12
AWS ER70S-6 BS A18 EN G3Si1

5. Welding Wire ER70S-6 -- Details:

Dia : 0.6mm, 0.8mm, 0.9mm, 1.0mm, 1.2mm, 1.6mm/
Spool type: D100/D200/D270/D300 Plastic ; K300 Metal Spool

6. Welding wire ER70S-6--Specific Parameters:

Deposited metal chemical composition						
Element	C	Si	Mn	P	S	Cr
Requirement	0,085	0,85	1,51	0,016	0,011	0,013

Mechanical Properties of Deposited Metal				
Item	Tensile Strength Mpa	Yield Strength Mpa	Elongation ratio(%)	Impact Value(J)
Result	455	555	28,2	80 90 94

