



ALAMBRE SÓLIDO MIG ER 70S-6

- Alambre sólido diseñado para todas las posiciones, puede ser utilizado cortocircuitando o por transferencia (spray).
- Tiene eficiencia en deposición y buena penetración.
- Resultando soldaduras muy eficiente.
- Excelentes terminaciones.



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Forma de uso:	Con gas mezcla: CO2 80% y Argón 20%.
Uso en:	Vehículos, maquinaria, puentes y estructuras.
Marca:	Hyundai
Corriente:	DC + (continua)
Certificación:	KR, ABS, LR, NK, BV, GL, CWV, TUV
Empaque:	Rollo de 15 Kg / enrollado hebra a hebra.

FORMATO	CÓDIGO	EMPAQUE
0.8 mm ER70S-6	37HYDMIG085	5 Kg
0.8 mm ER70S-6	37HYDMIG08	15 Kg
0.9 mm ER70S-6	37HYDMIG095	5 Kg
0.9 mm ER70S-6	37HYDMIG09	15 Kg
0.9 mm ER70S-6	37HYDMIG09BP	250 Kg
1.0 mm ER70S-6	37HYDMIG105	5 Kg
1.0 mm ER70S-6	37HYDMIG10	15 Kg
1.0 mm ER70S-6	37HYDMIG10BP	250 Kg
1.2 mm ER70S-6	37HYDMIG12	15 Kg
1.2 mm ER70S-6	37HYDMIG12BP	250 Kg



Applications

Butt and fillet welding of vehicles, buildings, ships, machinery, etc.

Characteristics on Usage

SM-70S is a solid wire designed for all position welding and high speed welding of steel sheets can be performed easily by short-circuiting welding.

Arc is stable and spatter loss is low.

Notes on Usage

- ① Use with CO₂/Argon+15~25% CO₂ gas.
- ② Flow quantity of shielding gas should be 25ℓ /min. approximately.
- ③ Use wind screen against wind.
- ④ Keep the distance between tip and base metal of 6~15mm for less than 250A, and 15~25mm for more than 250A of welding current.

Welding Position



1G (PA) 2F (PB) 3G (PF, PG) 4G (PE)

Current

DC +

Shielding Gas

CO₂/Ar+ CO₂

Typical Chemical Composition of Wire (%)

C	Si	Mn	P	S
0.07	0.65	1.14	0.015	0.010

Typical Mechanical Properties of All-Weld Metal

YS MPa(lbs/in ²)	TS MPa(lbs/in ²)	EL (%)	Temp. °C (°F)	CVN-Impact Value J (ft · lbs)
440 (63,900)	560 (81,300)	28	-20 (-4)	80 (59)

Approval

ABS, LR

I Packing (Including Ball Pac)

Dia. (mm)	0.9	1.2	1.4	1.6	Spool(kg)	15	20
(in)	.035	.045	.052	1/16	(lbs)	33	44
Ball Pac							

Sizes Available and Recommended Currents (Amp.)

Size mm(in)	0.9 (.035)	1.2 (.045)	1.6 (1/16)
F & HF	50~200	80~350	170~390
V-up, OH	50~140	50~160	-