

## WELD 70S-6

ESAB Weld 70S-6 is a copper-coated AWS ER70S-6 solid wire, suited for general purpose, manual and semiautomatic applications in most industries. It is manufactured under ESAB's Quality Control programs and meets AWS standards.

<b>Classifications</b>	AWS A5.18 : ER70S-6
<b>Industry</b>	Automotive Civil Construction Industrial and General Fabrication Mobile Equipment Ship/Barge Building

### Typical Tensile Properties

**Condition**

**AWS CO2**

### Deposition Data

Diameter	Optimal Amps	Current	Voltage	Wire Feed Speed	Electrode Unit
0.9 mm (.035 in.)	200 A	180-230 A	25-27 V	1016-1397 cm/min (400-550 in./min)	206 m/kg (3670 in./lb)
0.9 mm (.035 in.)	130 A	90-160 A	15-19 V	457-762 cm/min (180-300 in./min)	206 m/kg (3670 in./lb)
1.2 mm (.045 in.)	160 A	130-200 A	17-19 V	318-508 cm/min (125-200 in./min)	124 m/kg (2220 in./lb)
1.2 mm (.045 in.)	300 A	260-340 A	25-30 V	762-1270 cm/min (300-500 in./min)	124 m/kg (2220 in./lb)