

Spoolarc 29S

Microalambre cobrizado para propósitos generales, recomendado para aplicaciones sobre aceros al Carbono como: muebles metálicos, partes automotrices, equipo pesado, carros de ferrocarril.

Especificaciones	
Clasificaciones	AWS A5.18 : ER70S-3
Aprobaciones	ABS : 3SA, 3YSA CWB : CAN/CSA-ISO14341,B-G 49A 2C G3 (ER49S-3) CWB : CSA W48
Sector	Fabricación industrial en general Industria Automotriz Equipos móviles Construcción civil

Las aprobaciones se basan en la ubicación de la fábrica. Póngase en contacto con ESAB para obtener más información.

Propiedades típicas de Tensión			
Condición	Límite de flujo	Resistencia a la tracción	Alargamiento
75% Ar - 25% CO₂			
Como queda soldado	489.5 MPa (71 ksi)	586 MPa (85 ksi)	21 %
90% Ar - 10% CO₂			
Como queda soldado	496 MPa (72 ksi)	586 MPa (85 ksi)	22 %

Teste Charpy		
Condición	Temperatura de prueba	Valor de impacto
75% Ar - 25% CO₂		
Como queda soldado	-45 °C (-50 °F)	79 J (58 ft-lb)
Como queda soldado	-40 °C (-40 °F)	81 J (60 ft-lb)
Como queda soldado	-29 °C (-20 °F)	99 J (73 ft-lb)
90% Ar - 10% CO₂		
Como queda soldado	-29 °C (-20 °F)	130 J (96 ft-lb)
Como queda soldado	-45 °C (-50 °F)	88 J (65 ft-lb)
Como queda soldado	-40 °C (-40 °F)	114 J (84 ft-lb)

% típico de composición de alambre									
C	Mn	Si	S	P	Ni	Cr	Mo	V	Cu
0.09	1.18	0.54	0.007	0.015	0.04	0.04	0.01	0.004	0.04

Depósito			
Diámetro	Corriente	Eficiencia	Tasa de Deposición
100% CO₂			
1.2 mm (.045 in.)	200 A	93 %	2.40 kg/h (5.3 lbs/h)
0.8 mm (.030 in.)	150 A	98 %	1.86 kg/h (4.1 lbs/h)
0.9 mm (.035 in.)	200 A	96 %	2.72 kg/h (6.0 lbs/h)
1.2 mm (.045 in.)	250 A	98 %	3.58 kg/h (7.8 lbs/h)
1.6 mm (1/16 in.)	350 A	98 %	5.13 kg/h (11.3 lbs/h)
1.6 mm (1/16 in.)	400 A	96 %	6.21 kg/h (13.7 lbs/h)
0.8 mm (.030 in.)	75 A	96 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	250 A	98 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	150 A	98 %	1.90 kg/h (4.2 lbs/h)
1.6 mm (1/16 in.)	300 A	93 %	3.86 kg/h (8.5 lbs/h)
1.2 mm (.045 in.)	200 A	98 %	2.54 kg/h (5.6 lbs/h)

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Depósito			
Diámetro	Corriente	Eficiencia	Tasa de Deposición
1.2 mm (.045 in.)	100 A	98 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	350 A	93 %	4.85 kg/h (10.7 lbs/h)
1.2 mm (.045 in.)	150 A	93 %	1.54 kg/h (3.4 lbs/h)
1.2 mm (.045 in.)	350 A	93 %	5.67 kg/h (12.5 lbs/h)
1.6 mm (1/16 in.)	450 A	93 %	7.48 kg/h (16.5 lbs/h)
0.8 mm (.030 in.)	75 A	98 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	125 A	93 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	250 A	96 %	3.45 kg/h (7.6 lbs/h)
0.9 mm (.035 in.)	200 A	98 %	2.81 kg/h (6.2 lbs/h)
0.8 mm (.030 in.)	200 A	93 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	80 A	96 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	400 A	93 %	6.03 kg/h (13.3 lbs/h)
1.2 mm (.045 in.)	100 A	93 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	275 A	96 %	3.45 kg/h (7.6 lbs/h)
1.6 mm (1/16 in.)	450 A	96 %	7.76 kg/h (17.1 lbs/h)
1.6 mm (1/16 in.)	350 A	96 %	6.21 kg/h (11.0 lbs/h)
1.2 mm (.045 in.)	350 A	96 %	5.85 kg/h (12.9 lbs/h)
0.8 mm (.030 in.)	200 A	98 %	3.08 kg/h (6.8 lbs/h)
1.6 mm (1/16 in.)	450 A	98 %	7.89 kg/h (17.4 lbs/h)
0.9 mm (.035 in.)	200 A	93 %	2.68 kg/h (5.9 lbs/h)
0.9 mm (.035 in.)	80 A	98 %	1.00 kg/h (2.2 lbs/h)
0.8 mm (.030 in.)	100 A	93 %	1.13 kg/h (2.5 lbs/h)
0.9 mm (.035 in.)	100 A	98 %	1.22 kg/h (2.7 lbs/h)
0.8 mm (.030 in.)	200 A	96 %	3.04 kg/h (6.7 lbs/h)
1.2 mm (.045 in.)	350 A	98 %	5.99 kg/h (13.2 lbs/h)
0.8 mm (.030 in.)	150 A	93 %	1.77 kg/h (3.9 lbs/h)
1.6 mm (1/16 in.)	275 A	98 %	3.49 kg/h (7.7 lbs/h)
1.2 mm (.045 in.)	200 A	96 %	2.49 kg/h (5.5 lbs/h)
1.2 mm (.045 in.)	300 A	96 %	4.53 kg/h (10.0 lbs/h)
0.8 mm (.030 in.)	100 A	98 %	1.18 kg/h (2.6 lbs/h)
0.8 mm (.030 in.)	75 A	93 %	0.82 kg/h (1.8 lbs/h)
0.9 mm (.035 in.)	150 A	96 %	1.86 kg/h (4.1 lbs/h)
1.6 mm (1/16 in.)	250 A	96 %	2.90 kg/h (6.4 lbs/h)
0.9 mm (.035 in.)	250 A	93 %	3.90 kg/h (8.6 lbs/h)
0.9 mm (.035 in.)	250 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	80 A	93 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	300 A	98 %	4.63 kg/h (10.2 lbs/h)
1.6 mm (1/16 in.)	400 A	98 %	6.35 kg/h (14.0 lbs/h)
1.2 mm (.045 in.)	150 A	98 %	1.63 kg/h (3.6 lbs/h)
0.8 mm (.030 in.)	100 A	96 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	300 A	93 %	4.40 kg/h (9.7 lbs/h)
0.9 mm (.035 in.)	250 A	96 %	3.09 kg/h (8.8 lbs/h)
1.6 mm (1/16 in.)	250 A	93 %	2.81 kg/h (6.2 lbs/h)
1.6 mm (1/16 in.)	300 A	96 %	3.99 kg/h (8.8 lbs/h)
1.2 mm (.045 in.)	100 A	96 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	250 A	93 %	3.36 kg/h (7.4 lbs/h)
1.6 mm (1/16 in.)	275 A	93 %	3.31 kg/h (7.3 lbs/h)

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Diámetro	Corriente	Eficiencia	Tasa de Deposición
1.6 mm (1/16 in.)	300 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	100 A	96 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	125 A	96 %	1.27 kg/h (2.8 lbs/h)
0.9 mm (.035 in.)	100 A	93 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	150 A	96 %	1.59 kg/h (3.5 lbs/h)
0.9 mm (.035 in.)	150 A	93 %	1.81 kg/h (4.0 lbs/h)
0.8 mm (.030 in.)	150 A	96 %	1.81 kg/h (4.0 lbs/h)
1.2 mm (.045 in.)	125 A	98 %	1.27 kg/h (2.8 lbs/h)
1.2 mm (.045 in.)	200 A	93 %	2.40 kg/h (5.3 lbs/h)
0.8 mm (.030 in.)	150 A	98 %	1.86 kg/h (4.1 lbs/h)
0.9 mm (.035 in.)	200 A	96 %	2.72 kg/h (6.0 lbs/h)
1.2 mm (.045 in.)	250 A	98 %	3.58 kg/h (7.8 lbs/h)
1.6 mm (1/16 in.)	350 A	98 %	5.13 kg/h (11.3 lbs/h)
1.6 mm (1/16 in.)	400 A	96 %	6.21 kg/h (13.7 lbs/h)
0.8 mm (.030 in.)	75 A	96 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	250 A	98 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	150 A	98 %	1.90 kg/h (4.2 lbs/h)
1.6 mm (1/16 in.)	300 A	93 %	3.86 kg/h (8.5 lbs/h)
1.2 mm (.045 in.)	200 A	98 %	2.54 kg/h (5.6 lbs/h)
1.2 mm (.045 in.)	100 A	98 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	350 A	93 %	4.85 kg/h (10.7 lbs/h)
1.2 mm (.045 in.)	150 A	93 %	1.54 kg/h (3.4 lbs/h)
1.2 mm (.045 in.)	350 A	93 %	5.67 kg/h (12.5 lbs/h)
1.6 mm (1/16 in.)	450 A	93 %	7.48 kg/h (16.5 lbs/h)
0.8 mm (.030 in.)	75 A	98 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	125 A	93 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	250 A	96 %	3.45 kg/h (7.6 lbs/h)
0.9 mm (.035 in.)	200 A	98 %	2.81 kg/h (6.2 lbs/h)
0.8 mm (.030 in.)	200 A	93 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	80 A	96 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	400 A	93 %	6.03 kg/h (13.3 lbs/h)
1.2 mm (.045 in.)	100 A	93 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	275 A	96 %	3.45 kg/h (7.6 lbs/h)
1.6 mm (1/16 in.)	450 A	96 %	7.76 kg/h (17.1 lbs/h)
1.6 mm (1/16 in.)	350 A	96 %	6.21 kg/h (11.0 lbs/h)
1.2 mm (.045 in.)	350 A	96 %	5.85 kg/h (12.9 lbs/h)
0.8 mm (.030 in.)	200 A	98 %	3.08 kg/h (6.8 lbs/h)
1.6 mm (1/16 in.)	450 A	98 %	7.89 kg/h (17.4 lbs/h)
0.9 mm (.035 in.)	200 A	93 %	2.68 kg/h (5.9 lbs/h)
0.9 mm (.035 in.)	80 A	98 %	1.00 kg/h (2.2 lbs/h)
0.8 mm (.030 in.)	100 A	93 %	1.13 kg/h (2.5 lbs/h)
0.9 mm (.035 in.)	100 A	98 %	1.22 kg/h (2.7 lbs/h)
0.8 mm (.030 in.)	200 A	96 %	3.04 kg/h (6.7 lbs/h)
1.2 mm (.045 in.)	350 A	98 %	5.99 kg/h (13.2 lbs/h)
0.8 mm (.030 in.)	150 A	93 %	1.77 kg/h (3.9 lbs/h)
1.6 mm (1/16 in.)	275 A	98 %	3.49 kg/h (7.7 lbs/h)
1.2 mm (.045 in.)	200 A	96 %	2.49 kg/h (5.5 lbs/h)

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Diámetro	Corriente	Eficiencia	Tasa de Deposición
1.2 mm (.045 in.)	300 A	96 %	4.53 kg/h (10.0 lbs/h)
0.8 mm (.030 in.)	100 A	98 %	1.18 kg/h (2.6 lbs/h)
0.8 mm (.030 in.)	75 A	93 %	0.82 kg/h (1.8 lbs/h)
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1.6 mm (1/16 in.)	250 A	96 %	2.90 kg/h (6.4 lbs/h)
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1.6 mm (1/16 in.)	400 A	98 %	6.35 kg/h (14.0 lbs/h)
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0.8 mm (.030 in.)	100 A	96 %	1.18 kg/h (2.6 lbs/h)
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1.6 mm (1/16 in.)	250 A	93 %	2.81 kg/h (6.2 lbs/h)
1.6 mm (1/16 in.)	300 A	96 %	3.99 kg/h (8.8 lbs/h)
1.2 mm (.045 in.)	100 A	96 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	250 A	93 %	3.36 kg/h (7.4 lbs/h)
1.6 mm (1/16 in.)	275 A	93 %	3.31 kg/h (7.3 lbs/h)
1.6 mm (1/16 in.)	300 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	100 A	96 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	125 A	96 %	1.27 kg/h (2.8 lbs/h)
0.9 mm (.035 in.)	100 A	93 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	150 A	96 %	1.59 kg/h (3.5 lbs/h)
0.9 mm (.035 in.)	150 A	93 %	1.81 kg/h (4.0 lbs/h)
0.8 mm (.030 in.)	150 A	96 %	1.81 kg/h (4.0 lbs/h)
1.2 mm (.045 in.)	125 A	98 %	1.27 kg/h (2.8 lbs/h)
75% Ar - 25% CO₂			
1.2 mm (.045 in.)	200 A	93 %	2.40 kg/h (5.3 lbs/h)
0.8 mm (.030 in.)	150 A	98 %	1.86 kg/h (4.1 lbs/h)
0.9 mm (.035 in.)	200 A	96 %	2.72 kg/h (6.0 lbs/h)
1.2 mm (.045 in.)	250 A	98 %	3.58 kg/h (7.8 lbs/h)
1.6 mm (1/16 in.)	350 A	98 %	5.13 kg/h (11.3 lbs/h)
1.6 mm (1/16 in.)	400 A	96 %	6.21 kg/h (13.7 lbs/h)
0.8 mm (.030 in.)	75 A	96 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	250 A	98 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	150 A	98 %	1.90 kg/h (4.2 lbs/h)
1.6 mm (1/16 in.)	300 A	93 %	3.86 kg/h (8.5 lbs/h)
1.2 mm (.045 in.)	200 A	98 %	2.54 kg/h (5.6 lbs/h)
1.2 mm (.045 in.)	100 A	98 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	350 A	93 %	4.85 kg/h (10.7 lbs/h)
1.2 mm (.045 in.)	150 A	93 %	1.54 kg/h (3.4 lbs/h)
1.2 mm (.045 in.)	350 A	93 %	5.67 kg/h (12.5 lbs/h)
1.6 mm (1/16 in.)	450 A	93 %	7.48 kg/h (16.5 lbs/h)
0.8 mm (.030 in.)	75 A	98 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	125 A	93 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	250 A	96 %	3.45 kg/h (7.6 lbs/h)

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Diámetro	Corriente	Eficiencia	Tasa de Deposición
0.9 mm (.035 in.)	200 A	98 %	2.81 kg/h (6.2 lbs/h)
0.8 mm (.030 in.)	200 A	93 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	80 A	96 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	400 A	93 %	6.03 kg/h (13.3 lbs/h)
1.2 mm (.045 in.)	100 A	93 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	275 A	96 %	3.45 kg/h (7.6 lbs/h)
1.6 mm (1/16 in.)	450 A	96 %	7.76 kg/h (17.1 lbs/h)
1.6 mm (1/16 in.)	350 A	96 %	6.21 kg/h (11.0 lbs/h)
1.2 mm (.045 in.)	350 A	96 %	5.85 kg/h (12.9 lbs/h)
0.8 mm (.030 in.)	200 A	98 %	3.08 kg/h (6.8 lbs/h)
1.6 mm (1/16 in.)	450 A	98 %	7.89 kg/h (17.4 lbs/h)
0.9 mm (.035 in.)	200 A	93 %	2.68 kg/h (5.9 lbs/h)
0.9 mm (.035 in.)	80 A	98 %	1.00 kg/h (2.2 lbs/h)
0.8 mm (.030 in.)	100 A	93 %	1.13 kg/h (2.5 lbs/h)
0.9 mm (.035 in.)	100 A	98 %	1.22 kg/h (2.7 lbs/h)
0.8 mm (.030 in.)	200 A	96 %	3.04 kg/h (6.7 lbs/h)
1.2 mm (.045 in.)	350 A	98 %	5.99 kg/h (13.2 lbs/h)
0.8 mm (.030 in.)	150 A	93 %	1.77 kg/h (3.9 lbs/h)
1.6 mm (1/16 in.)	275 A	98 %	3.49 kg/h (7.7 lbs/h)
1.2 mm (.045 in.)	200 A	96 %	2.49 kg/h (5.5 lbs/h)
1.2 mm (.045 in.)	300 A	96 %	4.53 kg/h (10.0 lbs/h)
0.8 mm (.030 in.)	100 A	98 %	1.18 kg/h (2.6 lbs/h)
0.8 mm (.030 in.)	75 A	93 %	0.82 kg/h (1.8 lbs/h)
0.9 mm (.035 in.)	150 A	96 %	1.86 kg/h (4.1 lbs/h)
1.6 mm (1/16 in.)	250 A	96 %	2.90 kg/h (6.4 lbs/h)
0.9 mm (.035 in.)	250 A	93 %	3.90 kg/h (8.6 lbs/h)
0.9 mm (.035 in.)	250 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	80 A	93 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	300 A	98 %	4.63 kg/h (10.2 lbs/h)
1.6 mm (1/16 in.)	400 A	98 %	6.35 kg/h (14.0 lbs/h)
1.2 mm (.045 in.)	150 A	98 %	1.63 kg/h (3.6 lbs/h)
0.8 mm (.030 in.)	100 A	96 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	300 A	93 %	4.40 kg/h (9.7 lbs/h)
0.9 mm (.035 in.)	250 A	96 %	3.09 kg/h (6.8 lbs/h)
1.6 mm (1/16 in.)	250 A	93 %	2.81 kg/h (6.2 lbs/h)
1.6 mm (1/16 in.)	300 A	96 %	3.99 kg/h (8.8 lbs/h)
1.2 mm (.045 in.)	100 A	96 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	250 A	93 %	3.36 kg/h (7.4 lbs/h)
1.6 mm (1/16 in.)	275 A	93 %	3.31 kg/h (7.3 lbs/h)
1.6 mm (1/16 in.)	300 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	100 A	96 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	125 A	96 %	1.27 kg/h (2.8 lbs/h)
0.9 mm (.035 in.)	100 A	93 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	150 A	96 %	1.59 kg/h (3.5 lbs/h)
0.9 mm (.035 in.)	150 A	93 %	1.81 kg/h (4.0 lbs/h)
0.8 mm (.030 in.)	150 A	96 %	1.81 kg/h (4.0 lbs/h)
1.2 mm (.045 in.)	125 A	98 %	1.27 kg/h (2.8 lbs/h)

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Depósito			
Diámetro	Corriente	Eficiencia	Tasa de Deposición
92% Ar - 8% CO₂			
1.2 mm (.045 in.)	200 A	93 %	2.40 kg/h (5.3 lbs/h)
0.8 mm (.030 in.)	150 A	98 %	1.86 kg/h (4.1 lbs/h)
0.9 mm (.035 in.)	200 A	96 %	2.72 kg/h (6.0 lbs/h)
1.2 mm (.045 in.)	250 A	98 %	3.58 kg/h (7.8 lbs/h)
1.6 mm (1/16 in.)	350 A	98 %	5.13 kg/h (11.3 lbs/h)
1.6 mm (1/16 in.)	400 A	96 %	6.21 kg/h (13.7 lbs/h)
0.8 mm (.030 in.)	75 A	96 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	250 A	98 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	150 A	98 %	1.90 kg/h (4.2 lbs/h)
1.6 mm (1/16 in.)	300 A	93 %	3.86 kg/h (8.5 lbs/h)
1.2 mm (.045 in.)	200 A	98 %	2.54 kg/h (5.6 lbs/h)
1.2 mm (.045 in.)	100 A	98 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	350 A	93 %	4.85 kg/h (10.7 lbs/h)
1.2 mm (.045 in.)	150 A	93 %	1.54 kg/h (3.4 lbs/h)
1.2 mm (.045 in.)	350 A	93 %	5.67 kg/h (12.5 lbs/h)
1.6 mm (1/16 in.)	450 A	93 %	7.48 kg/h (16.5 lbs/h)
0.8 mm (.030 in.)	75 A	98 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	125 A	93 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	250 A	96 %	3.45 kg/h (7.6 lbs/h)
0.9 mm (.035 in.)	200 A	98 %	2.81 kg/h (6.2 lbs/h)
0.8 mm (.030 in.)	200 A	93 %	2.95 kg/h (6.5 lbs/h)
0.9 mm (.035 in.)	80 A	96 %	0.95 kg/h (2.1 lbs/h)
1.6 mm (1/16 in.)	400 A	93 %	6.03 kg/h (13.3 lbs/h)
1.2 mm (.045 in.)	100 A	93 %	0.86 kg/h (1.9 lbs/h)
1.6 mm (1/16 in.)	275 A	96 %	3.45 kg/h (7.6 lbs/h)
1.6 mm (1/16 in.)	450 A	96 %	7.76 kg/h (17.1 lbs/h)
1.6 mm (1/16 in.)	350 A	96 %	6.21 kg/h (11.0 lbs/h)
1.2 mm (.045 in.)	350 A	96 %	5.85 kg/h (12.9 lbs/h)
0.8 mm (.030 in.)	200 A	98 %	3.08 kg/h (6.8 lbs/h)
1.6 mm (1/16 in.)	450 A	98 %	7.89 kg/h (17.4 lbs/h)
0.9 mm (.035 in.)	200 A	93 %	2.68 kg/h (5.9 lbs/h)
0.9 mm (.035 in.)	80 A	98 %	1.00 kg/h (2.2 lbs/h)
0.8 mm (.030 in.)	100 A	93 %	1.13 kg/h (2.5 lbs/h)
0.9 mm (.035 in.)	100 A	98 %	1.22 kg/h (2.7 lbs/h)
0.8 mm (.030 in.)	200 A	96 %	3.04 kg/h (6.7 lbs/h)
1.2 mm (.045 in.)	350 A	98 %	5.99 kg/h (13.2 lbs/h)
0.8 mm (.030 in.)	150 A	93 %	1.77 kg/h (3.9 lbs/h)
1.6 mm (1/16 in.)	275 A	98 %	3.49 kg/h (7.7 lbs/h)
1.2 mm (.045 in.)	200 A	96 %	2.49 kg/h (5.5 lbs/h)
1.2 mm (.045 in.)	300 A	96 %	4.53 kg/h (10.0 lbs/h)
0.8 mm (.030 in.)	100 A	98 %	1.18 kg/h (2.6 lbs/h)
0.8 mm (.030 in.)	75 A	93 %	0.82 kg/h (1.8 lbs/h)
0.9 mm (.035 in.)	150 A	96 %	1.86 kg/h (4.1 lbs/h)
1.6 mm (1/16 in.)	250 A	96 %	2.90 kg/h (6.4 lbs/h)
0.9 mm (.035 in.)	250 A	93 %	3.90 kg/h (8.6 lbs/h)
0.9 mm (.035 in.)	250 A	98 %	4.08 kg/h (9.0 lbs/h)

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Depósito			
Diámetro	Corriente	Eficiencia	Tasa de Deposición
0.9 mm (.035 in.)	80 A	93 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	300 A	98 %	4.63 kg/h (10.2 lbs/h)
1.6 mm (1/16 in.)	400 A	98 %	6.35 kg/h (14.0 lbs/h)
1.2 mm (.045 in.)	150 A	98 %	1.63 kg/h (3.6 lbs/h)
0.8 mm (.030 in.)	100 A	96 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	300 A	93 %	4.40 kg/h (9.7 lbs/h)
0.9 mm (.035 in.)	250 A	96 %	3.09 kg/h (8.8 lbs/h)
1.6 mm (1/16 in.)	250 A	93 %	2.81 kg/h (6.2 lbs/h)
1.6 mm (1/16 in.)	300 A	96 %	3.99 kg/h (8.8 lbs/h)
1.2 mm (.045 in.)	100 A	96 %	0.91 kg/h (2.0 lbs/h)
1.2 mm (.045 in.)	250 A	93 %	3.36 kg/h (7.4 lbs/h)
1.6 mm (1/16 in.)	275 A	93 %	3.31 kg/h (7.3 lbs/h)
1.6 mm (1/16 in.)	300 A	98 %	4.08 kg/h (9.0 lbs/h)
0.9 mm (.035 in.)	100 A	96 %	1.22 kg/h (2.7 lbs/h)
1.2 mm (.045 in.)	125 A	96 %	1.27 kg/h (2.8 lbs/h)
0.9 mm (.035 in.)	100 A	93 %	1.18 kg/h (2.6 lbs/h)
1.2 mm (.045 in.)	150 A	96 %	1.59 kg/h (3.5 lbs/h)
0.9 mm (.035 in.)	150 A	93 %	1.81 kg/h (4.0 lbs/h)
0.8 mm (.030 in.)	150 A	96 %	1.81 kg/h (4.0 lbs/h)
1.2 mm (.045 in.)	125 A	98 %	1.27 kg/h (2.8 lbs/h)

Parámetros de soldadura			
Corriente	Diámetro del Alambre	Tensión	Velocidad de Alimentación
Transferencia con pulverización Optimum			
70 A	0.6 mm (.023 in.)	15 V	762 cm/min (300 in./min)
100-125 A	0.6 mm (.023 in.)	23-25 V	1016-1575 cm/min (400-620 in./min)
45-90 A	0.6 mm (.023 in.)	14-16 V	381-965 cm/min (150-380 in./min)
110 A	0.6 mm (.023 in.)	23 V	1143 cm/min (450 in./min)
180 A	0.8 mm (.030 in.)	25 V	1321 cm/min (520 in./min)
100 A	0.8 mm (.030 in.)	15 V	559 cm/min (220 in./min)
160-200 A	0.8 mm (.030 in.)	24-26 V	1270-1651 cm/min (500-650 in./min)
60-140 A	0.8 mm (.030 in.)	14-16 V	381-889 cm/min (150-350 in./min)
180-230 A	0.9 mm (.035 in.)	25-27 V	1016-1397 cm/min (400-550 in./min)
130 A	0.9 mm (.035 in.)	17 V	635 cm/min (250 in./min)
90-160 A	0.9 mm (.035 in.)	15-19 V	457-762 cm/min (180-300 in./min)
200 A	0.9 mm (.035 in.)	26 V	1219 cm/min (480 in./min)

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Parámetros de soldadura

Corriente	Diámetro del Alambre	Tensión	Velocidad de Alimentación
260-340 A	1.2 mm (.045 in.)	25-30 V	762-1270 cm/min (300-500 in./min)
300 A	1.2 mm (.045 in.)	27 V	889 cm/min (350 in./min)
130-200 A	1.2 mm (.045 in.)	17-19 V	318-508 cm/min (125-200 in./min)
160 A	1.2 mm (.045 in.)	18 V	381 cm/min (150 in./min)
160 A	1.4 mm (.052 in.)	18 V	356 cm/min (140 in./min)
325 A	1.4 mm (.052 in.)	28 V	787 cm/min (310 in./min)
275-400 A	1.4 mm (.052 in.)	26-33 V	673-991 cm/min (265-390 in./min)
150-200 A	1.4 mm (.052 in.)	17-20 V	343-483 cm/min (135-190 in./min)
340 A	1.6 mm (1/16 in.)	27 V	508 cm/min (200 in./min)
290-400 A	1.6 mm (1/16 in.)	26-36 V	457-711 cm/min (180-280 in./min)

Transferencia de arco corto Optimum

70 A	0.6 mm (.023 in.)	15 V	762 cm/min (300 in./min)
100-125 A	0.6 mm (.023 in.)	23-25 V	1016-1575 cm/min (400-620 in./min)
45-90 A	0.6 mm (.023 in.)	14-16 V	381-965 cm/min (150-380 in./min)
110 A	0.6 mm (.023 in.)	23 V	1143 cm/min (450 in./min)
180 A	0.8 mm (.030 in.)	25 V	1321 cm/min (520 in./min)
100 A	0.8 mm (.030 in.)	15 V	559 cm/min (220 in./min)
160-200 A	0.8 mm (.030 in.)	24-26 V	1270-1651 cm/min (500-650 in./min)
60-140 A	0.8 mm (.030 in.)	14-16 V	381-889 cm/min (150-350 in./min)
180-230 A	0.9 mm (.035 in.)	25-27 V	1016-1397 cm/min (400-550 in./min)
130 A	0.9 mm (.035 in.)	17 V	635 cm/min (250 in./min)
90-160 A	0.9 mm (.035 in.)	15-19 V	457-762 cm/min (180-300 in./min)
200 A	0.9 mm (.035 in.)	26 V	1219 cm/min (480 in./min)
260-340 A	1.2 mm (.045 in.)	25-30 V	762-1270 cm/min (300-500 in./min)
300 A	1.2 mm (.045 in.)	27 V	889 cm/min (350 in./min)
130-200 A	1.2 mm (.045 in.)	17-19 V	318-508 cm/min (125-200 in./min)

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Parámetros de soldadura

Corriente	Diámetro del Alambre	Tensión	Velocidad de Alimentación
160 A	1.2 mm (.045 in.)	18 V	381 cm/min (150 in./min)
160 A	1.4 mm (.052 in.)	18 V	356 cm/min (140 in./min)
325 A	1.4 mm (.052 in.)	28 V	787 cm/min (310 in./min)
275-400 A	1.4 mm (.052 in.)	26-33 V	673-991 cm/min (265-390 in./min)
150-200 A	1.4 mm (.052 in.)	17-20 V	343-483 cm/min (135-190 in./min)
340 A	1.6 mm (1/16 in.)	27 V	508 cm/min (200 in./min)
290-400 A	1.6 mm (1/16 in.)	26-36 V	457-711 cm/min (180-280 in./min)

Transferencia con pulverización

70 A	0.6 mm (.023 in.)	15 V	762 cm/min (300 in./min)
100-125 A	0.6 mm (.023 in.)	23-25 V	1016-1575 cm/min (400-620 in./min)
45-90 A	0.6 mm (.023 in.)	14-16 V	381-965 cm/min (150-380 in./min)
110 A	0.6 mm (.023 in.)	23 V	1143 cm/min (450 in./min)
180 A	0.8 mm (.030 in.)	25 V	1321 cm/min (520 in./min)
100 A	0.8 mm (.030 in.)	15 V	559 cm/min (220 in./min)
160-200 A	0.8 mm (.030 in.)	24-26 V	1270-1651 cm/min (500-650 in./min)
60-140 A	0.8 mm (.030 in.)	14-16 V	381-889 cm/min (150-350 in./min)
180-230 A	0.9 mm (.035 in.)	25-27 V	1016-1397 cm/min (400-550 in./min)
130 A	0.9 mm (.035 in.)	17 V	635 cm/min (250 in./min)
90-160 A	0.9 mm (.035 in.)	15-19 V	457-762 cm/min (180-300 in./min)
200 A	0.9 mm (.035 in.)	26 V	1219 cm/min (480 in./min)
260-340 A	1.2 mm (.045 in.)	25-30 V	762-1270 cm/min (300-500 in./min)
300 A	1.2 mm (.045 in.)	27 V	889 cm/min (350 in./min)
130-200 A	1.2 mm (.045 in.)	17-19 V	318-508 cm/min (125-200 in./min)
160 A	1.2 mm (.045 in.)	18 V	381 cm/min (150 in./min)
160 A	1.4 mm (.052 in.)	18 V	356 cm/min (140 in./min)
325 A	1.4 mm (.052 in.)	28 V	787 cm/min (310 in./min)

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Parámetros de soldadura

Corriente	Diámetro del Alambre	Tensión	Velocidad de Alimentación
275-400 A	1.4 mm (.052 in.)	26-33 V	673-991 cm/min (265-390 in./min)
150-200 A	1.4 mm (.052 in.)	17-20 V	343-483 cm/min (135-190 in./min)
340 A	1.6 mm (1/16 in.)	27 V	508 cm/min (200 in./min)
290-400 A	1.6 mm (1/16 in.)	26-36 V	457-711 cm/min (180-280 in./min)
Transferencia de arco corto			
70 A	0.6 mm (.023 in.)	15 V	762 cm/min (300 in./min)
100-125 A	0.6 mm (.023 in.)	23-25 V	1016-1575 cm/min (400-620 in./min)
45-90 A	0.6 mm (.023 in.)	14-16 V	381-965 cm/min (150-380 in./min)
110 A	0.6 mm (.023 in.)	23 V	1143 cm/min (450 in./min)
180 A	0.8 mm (.030 in.)	25 V	1321 cm/min (520 in./min)
100 A	0.8 mm (.030 in.)	15 V	559 cm/min (220 in./min)
160-200 A	0.8 mm (.030 in.)	24-26 V	1270-1651 cm/min (500-650 in./min)
60-140 A	0.8 mm (.030 in.)	14-16 V	381-889 cm/min (150-350 in./min)
180-230 A	0.9 mm (.035 in.)	25-27 V	1016-1397 cm/min (400-550 in./min)
130 A	0.9 mm (.035 in.)	17 V	635 cm/min (250 in./min)
90-160 A	0.9 mm (.035 in.)	15-19 V	457-762 cm/min (180-300 in./min)
200 A	0.9 mm (.035 in.)	26 V	1219 cm/min (480 in./min)
260-340 A	1.2 mm (.045 in.)	25-30 V	762-1270 cm/min (300-500 in./min)
300 A	1.2 mm (.045 in.)	27 V	889 cm/min (350 in./min)
130-200 A	1.2 mm (.045 in.)	17-19 V	318-508 cm/min (125-200 in./min)
160 A	1.2 mm (.045 in.)	18 V	381 cm/min (150 in./min)
160 A	1.4 mm (.052 in.)	18 V	356 cm/min (140 in./min)
325 A	1.4 mm (.052 in.)	28 V	787 cm/min (310 in./min)
275-400 A	1.4 mm (.052 in.)	26-33 V	673-991 cm/min (265-390 in./min)
150-200 A	1.4 mm (.052 in.)	17-20 V	343-483 cm/min (135-190 in./min)
340 A	1.6 mm (1/16 in.)	27 V	508 cm/min (200 in./min)

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Parámetros de soldadura

Corriente	Diámetro del Alambre	Tensión	Velocidad de Alimentación
290-400 A	1.6 mm (1/16 in.)	26-36 V	457-711 cm/min (180-280 in./min)