

Reference parameters, not a qualified WPS or PQR.

ArcSet parameter sheet

ArcSet gives starting reference numbers to help you set your machine. It is not a qualified or stamped Welding Procedure Specification, not a Procedure Qualification Record, and not approval to weld on code work. Always follow your shop's qualified WPS, your engineer, and your Certified Welding Inspector for any job that requires one.

Field	Value
Timestamp	2026-07-09T15:05:25.865400
Process	GMAW
Electrode	ER70S-6
Diameter	0.035 in
Material	Carbon steel
Thickness	1/8 in
Position	1G
Amp min	75
Amp max	160
Start amps	145
Start volts	19
Wire feed start	260
Polarity	DCEP
Gas	75/25 argon-CO2
Gas flow (CFH)	40.0
Travel speed (ipm)	13.5
Heat input (kJ/in)	null
Job id	MIG-CHEAT-SHEET
Joint note	ER70S-6 .035 on 1/8 in carbon steel, flat
Measured amps	null
Measured volts	null
Photo	
Header	Reference parameters, not a qualified WPS or PQR.

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Source notes

- AWS A5.18 class with public manufacturer chart ranges restated as reference bands.
- Public ER70S-6 0.035 in short-circuit chart ranges restated as a starting reference.