

PARAMETER GUIDE FOR ALL-POSITIONAL RUTILE CORED WIRES

Ø 1.6 mm / 1/16 Inch



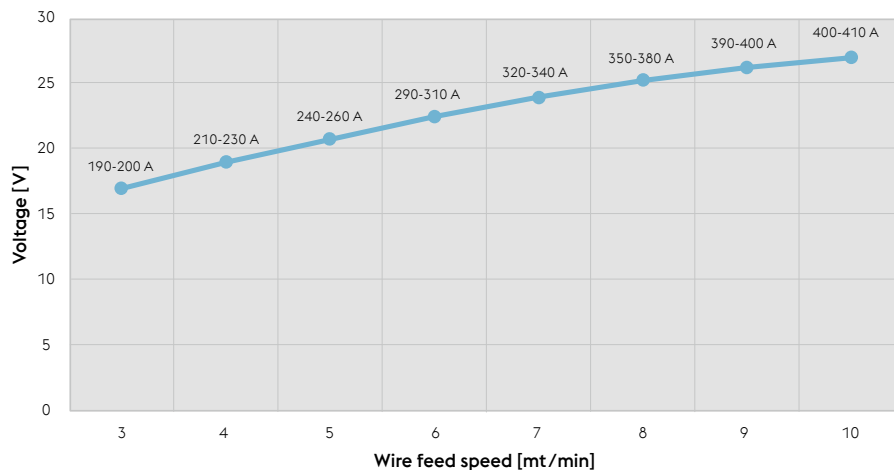
Wire feed speed		Arc voltage	Welding current	Arc mode
(m/min.)	(inch/min.)	(V)	(A)	
3	118	17-17.5	190-200	Spray arc
4	157	18-19	210-230	Spray arc
5	197	21-22	240-260	Spray arc
6	236	22-23	290-310	Spray arc
7	276	24-24.5	320-340	Spray arc
8	315	25-26	350-380	Spray arc
9	354	26-27	390-400	Spray arc
10	394	27-28	400-410	Spray arc

Chart valid for:

- BÖHLER Ti 42 T-FD
- BÖHLER Ti 46 T-FD
- BÖHLER Ti 52 T-FD
- BÖHLER Ti 52 T-FD (CO₂)
- BÖHLER Ti 52 T-FD (HP)
- BÖHLER Ti 52 T-FD SR (CO₂)
- BÖHLER NiCu1 Ti T-FD
- BÖHLER Ti 60 T-FD
- BÖHLER Ti 60 T-FD SR
- BÖHLER Ti 60 T-FD (CO₂)
- BÖHLER Ti 2 Ni T-FD
- BÖHLER Ti 75 T-FD
- BÖHLER Ti 80 T-FD

Polarity: DC+ Stickout: 15-20 mm/0.6-0.8" Shielding gas: M21

Welding parameters Ø 1.6 mm / 1/16 Inch



How to use:

- » Welding parameters are valid for the recommended polarity, stickout length and shielding gas.
- » First set wire feed speed and voltage according to the diagram, then fine-tune according to the table.
- » Variations in stickout length will change the welding current.
- » Values shown on welding machine displays may be higher than the actual arc voltage due to the voltage drop in welding cables.
- » Add 1.5-2V arc voltage for C1.