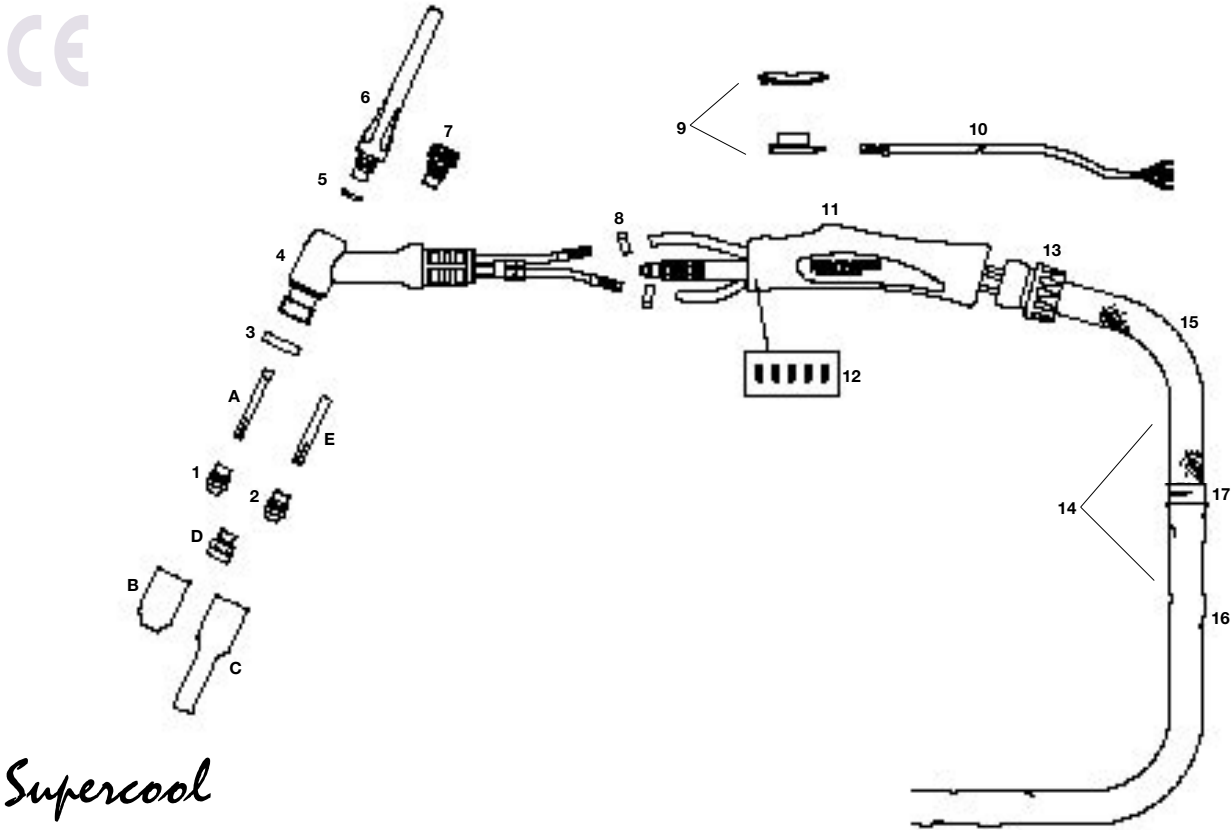


# Ergo Tig ER18SC Water Cooled Tig Welding Torch

Rating: 400A DC, 260A AC 0.040" to 3/16" (1.00mm-5.0mm) electrodes



**TO ORDER AN ERGO TIG TORCH PACKAGE PLEASE USE THE 5 STAGE PROCESS OUTLINED ON PAGE 1**  
Example:- ER18SC-25S1BWO  
ER18SC Ergo Torch x 25ft with momentary switch, 3/8 BSP fittings and 2 pin Amphenol Plug

Torch Head

Part No.	Description
ER18SC	ER18SC 400A DC

NOTE: See Page 3 for Torch Heads explained

Cable Length

Part No.	Description
12	12.5ft cables (4m) c/w leather cover and sheath
25	25ft cables (8m) c/w leather cover and sheath

NOTE: See Page 21 for Cables explained

Switch Option

Part No.	Description
S1	Momentary Switch
S2	2 Button Momentary
1K	1 Button Momentary +1K Pot
2K	1 Button Momentary +5K Pot
3K	1 Button Momentary +10K Pot
4K	1 Button Momentary +25K Pot
N	Blank

NOTE: See Page 2 for Switchs explained

Cable Termination

UK/European Cable Termination

Part No.	Description
BW	3/8BSP On Water, Gas, Power
DQ	3595 DINSE, Quick fit Water In/Out, 3/8BSP Gas
EW	Central Connector,
WW	WTW Connector
LW	L-TEC Euro

NOTE: See Page 24 for Terminations explained

USA Cable Termination

Part No.	Description
UW	7/8 UNF LH male on power,5/8 UNF RH male on gas, 5/8 UNF LH male on water
UE	3595 Dinse on power, 5/8 UNF LH on water In/Out, 5/8 UNF RH male on gas

Cable Plug

Part No.	Description
0	2 Pin Amphenol Plug
1	4 Pin Amphenol Plug
2	5 Pin Amphenol Plug
3	6 Pin Amphenol Plug
4	14 Pin Amphenol Plug
5	6 Pin Harting Plug
6	8 Pin Plug
7	3 Pin Tuchel Plug
8	9 Pin Tuchel Plug
9	5 Pin Tuchel Plug
10	12 Pin Bundy Plug

NOTE: See Page 31 for Cable Plugs explained

A Standard Collet	
Part Number	Description
10N21	Standard Collet 0.020"/0.5mm Bore
10N22	Standard Collet 0.040"/1.0mm Bore
10N23	Standard Collet 1/16"/1.6mm Bore
10N24	Standard Collet 3/32"/2.4mm Bore
10N25	Standard Collet 1/8"/3.2mm Bore
54N20	Standard Collet 5/32"/4.0mm Bore

B Standard Gas Lens Cup	
Part Number	Description
54N18	Standard Gas Lens Cup 1/4"/6mm Bore
54N17	Standard Gas Lens Cup 5/16"/8mm Bore
54N16	Standard Gas Lens Cup 3/8"/10mm Bore
54N15	Standard Gas Lens Cup 7/16"/11mm Bore
54N14	Standard Gas Lens Cup 1/2"/13mm Bore
54N19	Standard Gas Lens Cup 1/16"/16mm Bore

C Long Gas Lens Cup	
Part Number	Description
54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

D Gas Lens Body	
Part Number	Description
18GL16	Gas Lens Body 1/16"/1.6mm Bore
18GL32	Gas Lens Body 3/32"/2.4mm Bore
18GL18	Gas Lens Body 1/8"/3.2mm Bore
18GL53	Gas Lens Body 5/32"/4.0mm Bore
18GL36	Gas Lens Body 3/16"/5.0mm Bore

E Heavy Duty Collet	
Part Number	Description
10N25HD	Heavy Duty Collet 1/8"/3.2mm Bore
54N20HD	Heavy Duty Collet 5/32"/4.0mm Bore
18C36	Heavy Duty Collet 3/16"/5.0mm Bore

Components	
Part Number	Description
1 NCB-53	Standard Nose Collet Body
2 NCB-36	Heavy Duty Nose Collet Body
3 18NG	Nozzle Gasket
4 ER18SC	Torch Head including Nozzle Gasket
5 98W18	Back Cap O Ring
6 ER57Y02	Back Cap Long
7 ER57Y04	Back Cap Short
8 B5024	Wire Clamp
9 ER1MS	Momentary Switch Kit (fitted as Standard)
	Alternative switch options are listed on Page 2
10 ERSWL4	Switch & Leads x 4mt
ERSWL8	Switch & Leads x 8mt
11 ERH200	Ergo Tig Handle Large
12 ERSP	Screw Pack
13 ERKJ200	Knuckle Joint Large
14 ERCO200-40	Complete Cover Assembly x 4mt
ERCO200-80	Complete Cover Assembly x 8mt
15 ERLC200-08	Leather Cover x 0.8mt
16 ERNCL-32	Neoprene Cover x 3.2mt
ERNCL-72	Neoprene Cover x 7.2mt
17 ERJK200	Jointing Repair Kit

Alternative end terminations are listed on Page 21

The design, manufacture and quality systems of Parweld are certified in accordance with ISO9001.