

Eco-Grip® Features and Benefits

Torch Heads Lightweight and Durable

- Manufactured with high temperature resistant silicone rubber insulation.
- All copper components ensure cooler running temperatures and maximum current capacity.

Trigger Switch

- Located in a neutral finger position
- Heavy Duty Long Life Encapsulated Switch
- 3A Rated

Knuckle Joint Improved Manoeuvrability

- Positioning of the torch is made easier by the ball joint at the rear of the handle.

Eco-Grip® Handle System Ergonomically Superior

- Textured grips ensure the handle remains in place with minimal grip pressure

Front End Consumables Extensive Range

- Front end consumables are manufactured to the highest protection
- 100% WLD Type Interchangeability

Cable System

- Air and liquid cooled cable assemblies use high temperature resistant PVC which combines flexibility and high heat and abrasion resistance.
- Switch leads are high flex life copper which minimises problems and maximises torch longevity.

A range of cable plugs is available to suit the majority of machines.



Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.

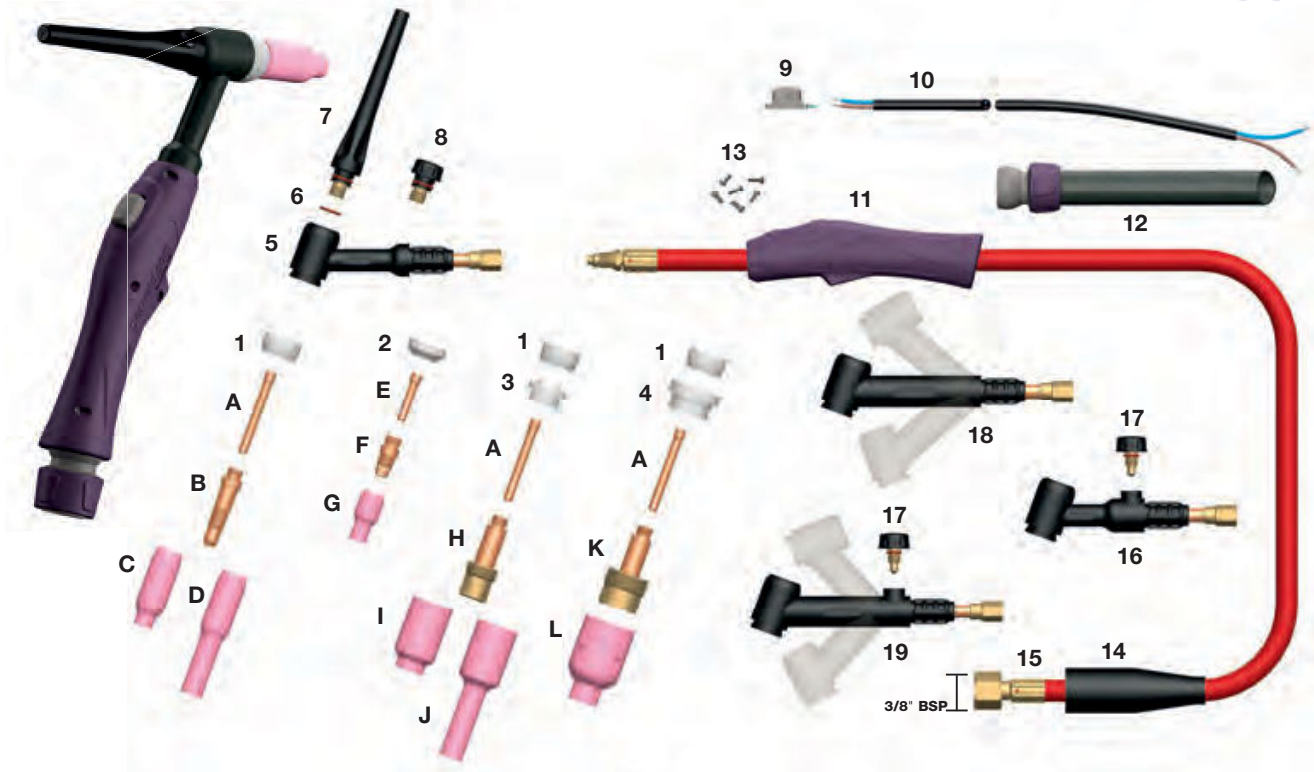




ECR17

Air Cooled TIG Welding Torch

150A DC, 115A AC @ 60% Duty Cycle, EN60974-7 .020" -1/8" / 0.5mm to 3.2mm Electrodes



Model

Stock Code	Description
ECR17-12BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR17-12-2BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w 2 Piece Power Cable, Sheathed and Switched
ECR17-25BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched
ECR17-25-2BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable, Sheathed and Switched

Alternative Torch Body

Stock Code	Description
ECR17V-	Torch Package with Valve Head
ECR17FX-	Torch Package with Flexi Head
ECR17VFX-	Torch Package with Flexi Valve Head

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR17FX-12BG, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR17-12NBG.

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16" /1.6mm Bore
10N23M	Collet 5/64" /2.0mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16 "/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 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

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP17	Torch Body Including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSP	Screw Kit
14 0315071	Insulation Boot
15 57Y01	Power Cable x 12.5ft (3.8m) Vinyl
57Y03	Power Cable x 25ft (7.6m) Vinyl
57Y01-2	Power Cable x 12.5ft (3.8m) 2 Piece
57Y03-2	Power Cable x 25ft (7.6m) 2 Piece
16 WP17V	Torch Body Valve
17 VS-2	Valve Stem
18 WP17FX	Torch Body Flexible
19 WP17VFX	Torch Body Flexi Valve

ECR26**Air Cooled TIG Welding Torch**

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes

**Model**

Stock Code	Description
ECR26-12BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR26-25BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched
ECR26-12-2BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w 2 Piece Power Cable, Sheathed and Switched
ECR26-25-2BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable, Sheathed and Switched

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Alternative Torch Body

Stock Code	Description
ECR26V-	Complete Torch Package with Valve
ECR26FX-	Complete Torch Package with Flexi Head
ECR26VFX-	Complete Torch Package with Flexi Valve

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR26FX-12BG, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR26-12NBG.

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 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

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP26	Torch Body including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSWP	Screw Kit
14 0315071	Insulation Boot
15 46V28	Power Cable x 12.5ft (3.8m) Vinyl
15 46V30	Power Cable x 25ft (7.6m) Vinyl
46V28-2	Power Cable x 12.5ft (3.8m) 2 Piece
15 46V30-2	Power Cable x 25ft (7.6m) 2 Piece
16 VS-1	Valve Stem
17 WP26V	Torch Body Valve
18 WP26FX	Torch Body Flexible
19 WP26VFX	Torch Body Flexi Valve