

ERGOTIG 18

CE EN60974-7



| CODE | ↔ | | ↖ | ⚡ |
|-----------|-----|-------|--------|-------------|
| SR1410-00 | 4 m | 12.5' | sintig | TSK 50-1/4G |
| SR1810-00 | 8 m | 25' | sintig | |

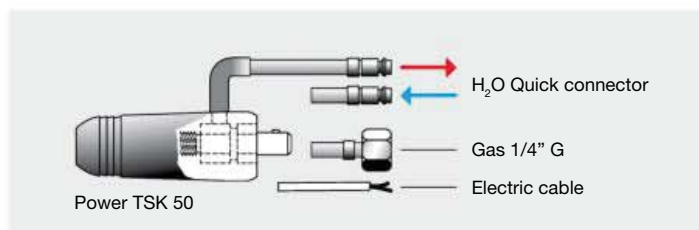
| TECHNICAL DATA | |
|-------------------|---------------------------------|
| ERGOTIG 18 | |
| | 0,90 kg 1.98 lb |
| V PEAK | 113 |
| | Argon |
| | 0,5 ÷ 4,0 mm .020" ÷ 5/32" |
| X 100% | 320A DC - 270A AC |
| | 4 bar |
| | 1.5 l/min |

| | CODE | | | |
|----|--------|--|------------------------------|----|
| 4 | TQ0002 | | insulator | 10 |
| 5 | TG0018 | | tig 18 torch head | 1 |
| 6 | TG0118 | | tig 18 flex torch head | 1 |
| 7 | BW0066 | | back cap 117 mm | 10 |
| 7 | EA0130 | | O-ring Ø 9x2 mm | 10 |
| 8 | TT0181 | | kit Ergotig single | 1 |
| 9 | TT0182 | | kit Ergotig dual | 1 |
| 10 | BW0311 | | cable joint | 1 |
| 10 | EA0329 | | screw | 50 |
| 10 | TP0090 | | Ergotig handle | 1 |
| 11 | TH0145 | | cable assembly - 4 m / 12.5' | 1 |
| 11 | TH0146 | | cable assembly - 8 m / 25' | 1 |
| 12 | TH0082 | | power cable - 4 m / 12.5' | 1 |
| 12 | TH0083 | | power cable - 8 m / 25' | 1 |
| 15 | CX0080 | | TSK 50 - quick plug | 1 |

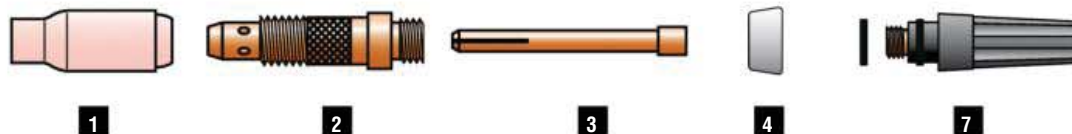


WEAR PARTS NOT INCLUDED

Starter kits page 360
Wear parts page 362



SERIES 17 - 18 - 26 - SUPER 18 WEAR PARTS



STANDARD

| | CODE | Gr | Ø | ↔ | REF | |
|---|-----------|----|---------------|-------|--------|----|
| 1 | TC0002 | 4 | 6,4 mm 1/4" | 47 mm | 10N50 | 10 |
| 1 | TC0003 | 5 | 8 mm 5/16" | 47 mm | 10N49 | 10 |
| 1 | TC0004 | 6 | 9,8 mm 3/8" | 47 mm | 10N48 | 10 |
| 1 | TC0005 | 7 | 11,2 mm 7/16" | 47 mm | 10N47 | 10 |
| 1 | TC0006 | 8 | 12,7 mm 1/2" | 47 mm | 10N46 | 10 |
| 1 | TC0007 | 10 | 15,7 mm 5/8" | 47 mm | 10N45 | 10 |
| 1 | TC0008 | 12 | 19 mm 3/4" | 47 mm | 10N44 | 10 |
| 1 | TC0091 | 5 | 8 mm 5/16" | 76 mm | 10N49L | 10 |
| 1 | TC0092 | 6 | 9,5 mm 3/8" | 76 mm | 10N48L | 10 |
| 1 | TC0093 | 7 | 11 mm | 76 mm | 10N47L | 10 |
| 2 | TE0001-05 | | 0,5 mm .020" | 47 mm | 10N29 | 10 |
| 2 | TE0001-10 | | 1,0 mm .040" | 47 mm | 10N30 | 10 |
| 2 | TE0001-16 | | 1,6 mm 1/16" | 47 mm | 10N31 | 10 |
| 2 | TE0001-20 | | 2,0 mm 5/64" | 47 mm | - | 10 |
| 2 | TE0001-24 | | 2,4 mm 3/32" | 47 mm | 10N32 | 10 |
| 2 | TE0001-32 | | 3,2 mm 1/8" | 47 mm | 10N28 | 10 |
| 2 | TE0001-40 | | 4,0 mm 5/32" | 47 mm | 406488 | 10 |
| 2 | TE0001-48 | | 4,8 mm 3/16" | 47 mm | 30126 | 10 |

| | CODE | Gr | Ø | ↔ | REF | |
|---|-----------|----|--------------|---------|-------|----|
| 3 | TD0001-05 | | 0,5 mm .020" | 50 mm | 10N21 | 10 |
| 3 | TD0001-10 | | 1,0 mm .040" | 50 mm | 10N22 | 10 |
| 3 | TD0001-16 | | 1,6 mm 1/16" | 50 mm | 10N23 | 10 |
| 3 | TD0001-20 | | 2,0 mm 5/64" | 50 mm | - | 10 |
| 3 | TD0001-24 | | 2,4 mm 3/32" | 50 mm | 10N24 | 10 |
| 3 | TD0001-32 | | 3,2 mm 1/8" | 50 mm | 10N25 | 10 |
| 3 | TD0001-40 | | 4,0 mm 5/32" | 50 mm | 54N20 | 10 |
| 3 | TD0001-48 | | 4,8 mm 3/16" | 50 mm | 30028 | 10 |
| 4 | TQ0002 | | | | 18CG | 10 |
| 4 | TQ0008 * | | | | - | 10 |
| 7 | BW0056 | | | 58 mm | 57Y03 | 10 |
| 7 | BW0066 | | | 117 mm | 57Y02 | 10 |
| 7 | BW0067 | | | 22,5 mm | 57Y04 | 10 |
| 7 | EA0130 | | | | | 10 |

* ONLY FOR 18 HC

GAS LENS

| | CODE | Gr | Ø | ↔ | REF | |
|---|-----------|----|---------------|---------|--------|----|
| 1 | TC0031 | 4 | 6,4 mm 1/4" | 42 mm | 54N18 | 10 |
| 1 | TC0032 | 5 | 8 mm 5/16" | 42 mm | 54N17 | 10 |
| 1 | TC0033 | 6 | 9,8 mm 3/8" | 42 mm | 54N16 | 10 |
| 1 | TC0034 | 7 | 11,2 mm 7/16" | 42 mm | 54N15 | 10 |
| 1 | TC0035 | 8 | 12,7 mm 1/2" | 42 mm | 54N14 | 10 |
| 1 | TC0036 | 11 | 19 mm 3/4" | 42 mm | 53N87 | 10 |
| 1 | TC0037 | | 17,2 mm | 28,6 mm | 54N19 | 10 |
| 1 | TC0086 | 5 | 8 mm 5/16" | 76 mm | 54N17L | 10 |
| 1 | TC0087 | 6 | 9,5 mm 3/8" | 76 mm | 54N16L | 10 |
| 1 | TC0088 | 7 | 11 mm | 76 mm | 54N15L | 10 |
| 2 | TE0006-05 | | 0,5 mm .020" | 50 mm | 45V29 | 10 |
| 2 | TE0006-10 | | 1,0 mm .040" | 50 mm | 45V24 | 10 |
| 2 | TE0006-16 | | 1,6 mm 1/16" | 50 mm | 45V25 | 10 |
| 2 | TE0006-20 | | 2,0 mm 5/64" | 50 mm | - | 10 |
| 2 | TE0006-24 | | 2,4 mm 3/32" | 50 mm | 45V26 | 10 |
| 2 | TE0006-32 | | 3,2 mm 1/8" | 50 mm | 45V27 | 10 |
| 2 | TE0006-40 | | 4,0 mm 5/32" | 50 mm | 45V28 | 10 |
| 3 | TD0022-10 | | 1,0 mm .040" | 52 mm | - | 10 |
| 3 | TD0022-16 | | 1,6 mm 1/16" | 52 mm | - | 10 |
| 3 | TD0022-24 | | 2,4 mm 3/32" | 52 mm | - | 10 |
| 3 | TD0022-32 | | 3,2 mm 1/8" | 52 mm | - | 10 |
| 3 | TD0022-40 | | 4,0 mm 5/32" | 52 mm | - | 10 |
| 4 | TQ0003 | | | | 54N01 | 10 |
| 7 | BW0056 | | | 58 mm | 57Y03 | 10 |
| 7 | BW0066 | | | 117 mm | 57Y02 | 10 |
| 7 | BW0067 | | | 22,5 mm | 57Y04 | 10 |
| 7 | EA0130 | | | | | 10 |

GAS LENS XL (JUMBO)

| | CODE | Gr | Ø | ↔ | REF | |
|---|-----------|----|--------------|---------|--------|----|
| 1 | TC0118 | 8 | 12,7 mm 1/2" | 48 mm | 57N74 | 10 |
| 1 | TC0119 | 10 | 15,7 mm 5/8" | 48 mm | 53N88 | 10 |
| 1 | TC0120 | 12 | 19,5 mm 3/4" | 48 mm | 53N87 | 10 |
| 2 | TE0009-16 | | 1,6 mm 1/16" | 51 mm | 45V16 | 2 |
| 2 | TE0009-24 | | 2,4 mm 3/32" | 51 mm | 45V64 | 2 |
| 2 | TE0009-32 | | 3,2 mm 1/8" | 51 mm | 995795 | 2 |
| 2 | TE0009-40 | | 4,0 mm 5/32" | 51 mm | 45V63 | 2 |
| 3 | TD0001-05 | | 0,5 mm .020" | 50 mm | 10N21 | 10 |
| 3 | TD0001-10 | | 1,0 mm .040" | 50 mm | 10N22 | 10 |
| 3 | TD0001-16 | | 1,6 mm 1/16" | 50 mm | 10N23 | 10 |
| 3 | TD0001-20 | | 2,0 mm 5/64" | 50 mm | - | 10 |
| 3 | TD0001-24 | | 2,4 mm 3/32" | 50 mm | 10N24 | 10 |
| 3 | TD0001-32 | | 3,2 mm 1/8" | 50 mm | 10N25 | 10 |
| 3 | TD0001-40 | | 4,0 mm 5/32" | 50 mm | 54N20 | 10 |
| 3 | TD0001-48 | | 4,8 mm 3/16" | 50 mm | 30028 | 10 |
| 4 | TQ0027 | | | | 54N63 | 10 |
| 7 | BW0056 | | | 58 mm | 57Y03 | 10 |
| 7 | BW0066 | | | 117 mm | 57Y02 | 10 |
| 7 | BW0067 | | | 22,5 mm | 57Y04 | 10 |
| 7 | EA0130 | | | | | 10 |

Gas protection flow is usually guttered by a STANDARD ceramic nozzle (picture 1). Such flow is affected by turbulences of head torch which are caused by the inlet pressure. In order to assure a uniform gas distribution, above all in stainless steel, titanium and aluminium alloys welding, we suggest the use of GAS LENS spare parts. The electrode holder equipped with a gas lens net, uniformes the flow (picture 2) and aid to save the protection gas. Where permitted by external dimensions, it is recommended the JUMBO version which increases the protected surface with advantage for welding quality (picture 3).

