

# EXPERTIG



## **EXPERTIG** [en]

The new EXPERTIG handle is the result of a study of balanced weight, necessary to be able to weld easily and effortlessly.

The EXPERTIG range includes air- and water-cooled torches from 110 to 320 Amps (DC).

EXPERTIG comes as standard with TSK plugs.

The EXPERTIG torch series offers two different handle sizes.

With the EXPERTIG switch variations you can find the perfect match to your welding machine.

Thanks to the four different PC board options, the EXPERTIG torch can be quickly configured to your machine. The removal and changing of the switch take few seconds.

visit [trafimet.com](http://trafimet.com)  
for more details about the products.



# TIG welding torches

## **EXPERTIG [it]**

La nuova impugnatura EXPERTIG è il risultato di uno studio del peso bilanciato, necessario per poter saldare facilmente e senza sforzo. La gamma EXPERTIG include torce raffreddate ad aria e ad acqua da 110-320 A (DC). Le torce EXPERTIG vengono fornite di serie con le spine TSK.

La serie di torce EXPERTIG offre due diverse dimensioni per l'impugnatura. Le varianti di interruttori EXPERTIG ti consentono di trovare l'abbinamento perfetto per la tua saldatrice. Grazie alle quattro diverse opzioni di scheda PCB, puoi configurare rapidamente la torcia EXPERTIG sulla tua macchina. La rimozione e la sostituzione dell'interruttore richiedono pochi secondi.

## **EXPERTIG [de]**

Mit dem neuen EXPERTIG-Griff kann man noch leichter und müheloser schweißen. Das EXPERTIG-Sortiment umfasst luft- und wassergekühlte Brenner von 110 bis 320 Ampere (DC). Der EXPERTIG wird standardmäßig mit TSK-Steckern geliefert. Der Konfigurator hilft Ihnen, den richtigen Anschluss zu einer Vielzahl von TIG-Maschinen zu finden. Die EXPERTIG-Brennenserie bietet zwei verschiedene Griffgrößen. Mit den EXPERTIG-Schaltervariationen können Sie die perfekte Kombination für Ihr Schweißgerät finden. Dank der vier verschiedenen Schalter-Optionen kann der EXPERTIG-Brenner schnell an Ihre Maschine angepasst werden. Das Entfernen und Wechseln des Schalters dauert nur wenige Sekunden.

## **EXPERTIG [fr]**

La nouvelle poignée EXPERTIG est le fruit d'une étude de poids équilibré, nécessaire pour pouvoir souder facilement et sans effort. La gamme EXPERTIG comprend des torches à refroidissement par air et par eau de 110 à 320 A (CC). EXPERTIG dispose de prises TSK en série. Les torches de la série EXPERTIG proposent deux tailles de poignées. Avec les variantes d'interrupteurs EXPERTIG, vous pouvez trouver la combinaison idéale pour votre poste à souder. Grâce aux quatre options de cartes de circuits imprimés, la torche EXPERTIG peut être rapidement configurée sur votre machine. Le retrait et le changement de l'interrupteur prennent quelques secondes.

## **EXPERTIG [tr]**

Yeni EXPERTIG kabza, kolayca ve zahmetsizce kaynak yapmak için gerekli olan dengeli ağırlığa dair yapılan çalışmaların sonucudur. EXPERTIG serisi, 110 ile 320 Amper (DC) arasındaki hava ve su soğutmalı torçları içerir. EXPERTIG, TSK bağlantı fişleriyle standart olarak sunulur. EXPERTIG torç serisi iki farklı kabza boyutuna sahiptir. EXPERTIG tetik çeşitleri ile kaynak makinenize en uygun çözümü bulabilirsiniz. EXPERTIG torçlar, dört farklı elektronik tetik kartı seçeneği sayesinde makineniz için hızlı bir şekilde yapılandırılabilir. Tetiği çıkarıp değiştirmek sadece birkaç saniye sürer.

# EXPERTIG 26

CE EN60974-7



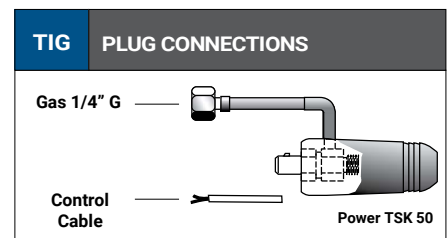
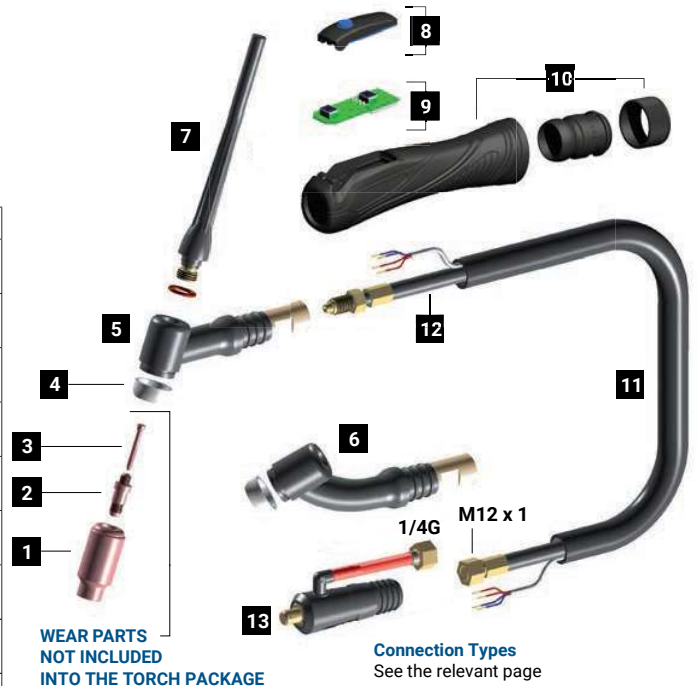
| CODE            | ↔   |       |                         |             |   |
|-----------------|-----|-------|-------------------------|-------------|---|
| TA2604S-511-WA3 | 4 m | 12,5' | Single Button           |             | 1 |
| TA2608S-511-WA3 | 8 m | 25'   |                         |             | 1 |
| TA2604F-511-WA3 | 4 m | 12,5' | Single Button Flex Head | TSK 50-1/4G | 1 |
| TA2608F-511-WA3 | 8 m | 25'   |                         |             | 1 |

| TECHNICAL DATA     |                   |                |
|--------------------|-------------------|----------------|
| <b>EXPERTIG 26</b> |                   |                |
|                    | 0,80 kg           | 1,76 lb        |
|                    | 113               |                |
|                    | Argon             |                |
|                    | 0,5 ÷ 4,0 mm      | 0,020" ÷ 5/32" |
|                    | 180A DC - 150A AC |                |

### OPTIONAL STARTER KIT

| CODE   | ∅      |       |     |   |
|--------|--------|-------|-----|---|
| TT0103 | 1,6 mm | 1/16" | WR2 | 1 |
| TT0104 | 2,4 mm | 3/32" | WR2 | 1 |
| TT0105 | 3,2 mm | 1/8"  | WR2 | 1 |

|    | CODE       |  |                              |    |
|----|------------|--|------------------------------|----|
| 4  | TQ0002     |  | insulator                    | 10 |
| 5  | TF0026     |  | tig 26 torch head            | 1  |
| 6  | TF0027     |  | tig 26 flex torch head       | 1  |
| 7  | BW0066     |  | back cap 117 mm              | 10 |
| 7  | EA0130     |  | O-ring ∅ 9x2 mm              | 10 |
| 8  | TT0611     |  | 1 button kit                 | 1  |
| 9  | TT0630     |  | pc-board                     | 1  |
| 10 | BW0311     |  | cable joint                  | 1  |
| 10 | TT0602     |  | handle kit                   | 1  |
| 11 | TH1472-040 |  | cable assembly - 4 m / 12.5' | 1  |
| 11 | TH1472-080 |  | cable assembly - 8 m / 25'   | 1  |
| 12 | TH0007     |  | power cable - 4 m / 12.5'    | 1  |
| 12 | TH0008     |  | power cable - 8 m / 25'      | 1  |
| 13 | CX0077     |  | TSK 50 - 1/4 G plug          | 1  |



## SWITCHES BUTTON KITS

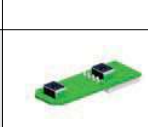
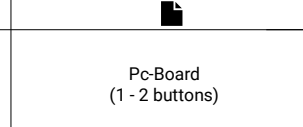






EXPERTIG



### SWITCH COVER + SILICON BUTTON KITS




| CODE   |   |  |  |
|--------|--|---|---|
| TT0611 |   | Single Button Kit   | 1   |
| TT0612 |   | Double Buttons Kit  | 1   |
| TT0613 |   | Triple Buttons Kit  | 1   |
| TT0620 |  | Single Button + Potentiometer Kit   | 1   |




### PC-BOARDS

| CODE   |    |  |  |
|--------|--|---|---|
| TT0630 |    | Pc-Board (1 - 2 buttons)  | 1   |
| TT0634 |    | Pc-Board (3 buttons)  | 1   |
| TT0631 |    | Pc-Board Single Button + 1 kOhm Potentiometer                                       | 1   |
| TT0632 |   | Pc-Board Single Button + 5 kOhm Potentiometer                                       | 1   |
| TT0633 |  | Pc-Board Single Button + 10 kOhm Potentiometer                                      | 1   |

## TUNGSTEN ELECTRODES



| CODE      |  | $\varnothing$  | $\longleftrightarrow$ |  |
|-----------|---|---|-----------------------|---|
| TR0001-10 | <b>WP</b><br>Pure   | 1 mm  | 150 mm                | 1   |
| TR0001-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0001-20 |   | 2 mm  | 150 mm                | 1   |
| TR0001-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0001-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0001-40 |   | 4 mm  | 150 mm                | 1   |
| TR0002-10 | <b>WP</b><br>Pure   | 1 mm  | 175 mm                | 1   |
| TR0002-16 |   | 1,6 mm  | 175 mm                | 1   |
| TR0002-20 |   | 2 mm  | 175 mm                | 1   |
| TR0002-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0002-32 |   | 3,2 mm  | 175 mm                | 1   |
| TR0002-40 |   | 4 mm  | 175 mm                | 1   |
| TR0007-10 | <b>WC20</b><br>Ceriated<br>CeO <sub>2</sub>                                       | 1 mm  | 150 mm                | 1   |
| TR0007-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0007-20 |   | 2 mm  | 150 mm                | 1   |
| TR0007-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0007-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0007-40 |   | 4 mm  | 150 mm                | 1   |
| TR0008-10 | <b>WC20</b><br>Ceriated<br>CeO <sub>2</sub>                                       | 1 mm  | 175 mm                | 1   |
| TR0008-16 |   | 1,6 mm  | 175 mm                | 1   |
| TR0008-20 |   | 2 mm  | 175 mm                | 1   |
| TR0008-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0008-32 |   | 3,2 mm  | 175 mm                | 1   |
| TR0008-40 |   | 4 mm  | 175 mm                | 1   |
| TR0011-10 | <b>WL10</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                       | 1 mm  | 150 mm                | 1   |
| TR0011-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0011-20 |   | 2 mm  | 150 mm                | 1   |
| TR0011-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0011-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0011-40 |   | 4 mm  | 150 mm                | 1   |
| TR0012-16 | <b>WL10</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                       | 1,6 mm  | 175 mm                | 1   |
| TR0012-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0012-32 |   | 3,2 mm  | 175 mm                | 1   |

| CODE      |  | $\varnothing$  | $\longleftrightarrow$ |  |
|-----------|---|---|-----------------------|---|
| TR0013-10 | <b>WL15</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                         | 1 mm  | 150 mm                | 1   |
| TR0013-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0013-20 |   | 2 mm  | 150 mm                | 1   |
| TR0013-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0013-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0013-40 |   | 4 mm  | 150 mm                | 1   |
| TR0014-10 | <b>WL15</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                         | 1 mm  | 175 mm                | 1   |
| TR0014-16 |   | 1,6 mm  | 175 mm                | 1   |
| TR0014-20 |   | 2 mm  | 175 mm                | 1   |
| TR0014-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0014-32 |   | 3,2 mm  | 175 mm                | 1   |
| TR0014-40 |   | 4 mm  | 175 mm                | 1   |
| TR0017-10 | <b>WL20</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                         | 1 mm  | 150 mm                | 1   |
| TR0017-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0017-20 |   | 2 mm  | 150 mm                | 1   |
| TR0017-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0017-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0017-40 |   | 4 mm  | 150 mm                | 1   |
| TR0018-10 | <b>WL20</b><br>Lanthanium<br>La <sub>2</sub> O <sub>3</sub>                         | 1 mm  | 175 mm                | 1   |
| TR0018-16 |   | 1,6 mm  | 175 mm                | 1   |
| TR0018-20 |   | 2 mm  | 175 mm                | 1   |
| TR0018-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0018-32 |   | 3,2 mm  | 175 mm                | 1   |
| TR0018-40 |   | 4 mm  | 175 mm                | 1   |
| TR0021-10 | <b>WR2</b><br>Oxides mix  | 1 mm  | 150 mm                | 1   |
| TR0021-16 |   | 1,6 mm  | 150 mm                | 1   |
| TR0021-20 |   | 2 mm  | 150 mm                | 1   |
| TR0021-24 |   | 2,4 mm  | 150 mm                | 1   |
| TR0021-32 |   | 3,2 mm  | 150 mm                | 1   |
| TR0021-40 |   | 4 mm  | 150 mm                | 1   |
| TR0022-10 | <b>WR2</b><br>Oxides mix  | 1 mm  | 175 mm                | 1   |
| TR0022-16 |   | 1,6 mm  | 175 mm                | 1   |
| TR0022-20 |   | 2 mm  | 175 mm                | 1   |
| TR0022-24 |   | 2,4 mm  | 175 mm                | 1   |
| TR0022-32 |   | 3,2 mm  | 175 mm                | 1   |
| TR0022-40 |   | 4 mm  | 175 mm                | 1   |

## TIG CONSUMABLE KITS

### STARTER KITS



#### 9 - 20 - 20 HC - 25

| CODE   | Ø      |       |   |
|--------|--------|-------|---|
| TT0221 | 1,6 mm | 1/16" | 1 |
| TT0222 | 2,4 mm | 3/32" | 1 |

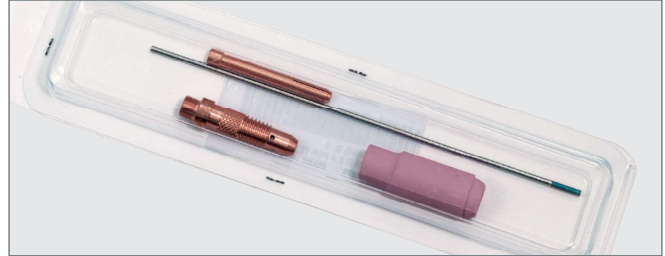
#### 17 - 18 - 18 HC - 26

| CODE   | Ø      |       |   |
|--------|--------|-------|---|
| TT0223 | 1,6 mm | 1/16" | 1 |
| TT0224 | 2,4 mm | 3/32" | 1 |

#### 24 - 24W

| CODE   | Ø      |       |   |
|--------|--------|-------|---|
| TT0226 | 1,6 mm | 1/16" | 1 |

### STARTER KITS



#### 9 - 20 - 20 HC - 25

| CODE   | Ø      |       |          |
|--------|--------|-------|----------|
| TT0101 | 1,6 mm | 1/16" | WR2<br>1 |
| TT0102 | 2,4 mm | 3/32" | WR2<br>1 |

#### 17 - 18 - 18 HC - 26

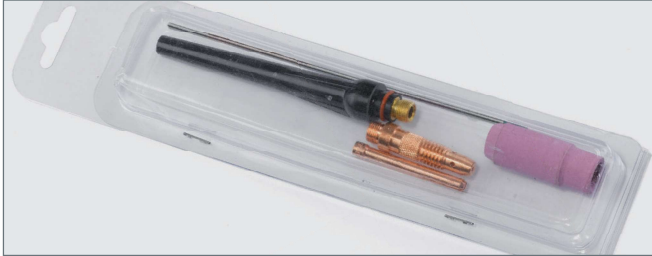
| CODE   | Ø      |       |          |
|--------|--------|-------|----------|
| TT0103 | 1,6 mm | 1/16" | WR2<br>1 |
| TT0104 | 2,4 mm | 3/32" | WR2<br>1 |
| TT0105 | 3,2 mm | 1/8"  | WR2<br>1 |

#### 24 - 24W



| CODE   | Ø      |       |           |
|--------|--------|-------|-----------|
| TT0203 | 1,6 mm | 1/16" | WC20<br>1 |
| TT0204 | 2,4 mm | 3/32" | WC20<br>1 |

## TIG CONSUMABLE KITS



### STARTER KITS WITH BACK CAP



#### 9 - 20 - 20 HC - 25

| CODE   | Ø      |       |  |  |
|--------|--------|-------|---|---|
| TT0021 | 1,6 mm | 1/16" | WC20  | 1   |
| TT0022 | 2,4 mm | 3/32" | WC20  | 1   |


#### 17 - 18 - 18 HC - 26

| CODE   | Ø      |       |  |  |
|--------|--------|-------|---|---|
| TT0023 | 1,6 mm | 1/16" | WC20  | 1   |
| TT0024 | 2,4 mm | 3/32" | WC20  | 1   |
| TT0025 | 3,2 mm | 1/8"  | WC20  | 1   |


### MASTER KITS



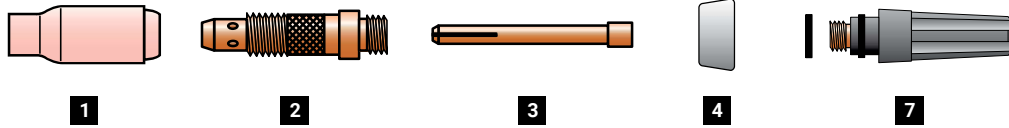
#### 9 - 20 - 20 HC - 25

| CODE   | Ø  |  |
|--------|--|---|
| TT0109 | 1,0 mm - 1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm | 1   |

#### 17 - 18 - 18 HC - 26

| CODE   | Ø  |  |
|--------|--|---|
| TT0110 | 1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm - 4,0 mm | 1   |

# TIG 17 / 18 / 18 HC / 26 - CONSUMABLES



## 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

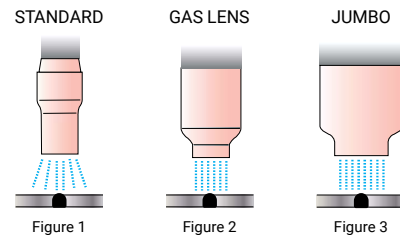
## GAS LENS

|   | 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)

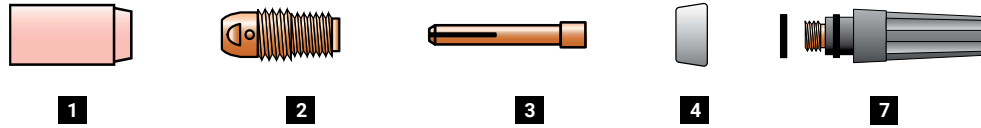
|   | CODE      |  | Gr | Ø       |       | ↔       | REF    |    |
|---|-----------|--|----|---------|-------|---------|--------|----|
| 1 | TC0118    |  | 8  | 12,7 mm | 1/2"  | 48 mm   | 57N74  | 10 |
| 1 | TC0119    |  | 10 | 15,7 mm | 5/8"  | 48 mm   | 53N88  | 10 |
| 1 | TC0120    |  | 12 | 19,5 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 |

Protection gas flow is usually guttered by a STANDARD ceramic nozzle (Figure 1). Such flow is affected by turbulences of torch head which are caused by the inlet pressure. In order to assure an 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, uniforms the flow (Figure 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 (Figure 3).





# TIG 17 / 18 / 18 HC / 26 - STUBBY CONSUMABLES



## STUBBY

|   | CODE      |  | Gr | Ø       |        | ↔       | REF    |        |
|---|-----------|--|----|---------|--------|---------|--------|--------|
| 1 | TC0012    |  | 4  | 6,4 mm  | 1/4"   | 30 mm   | 13N08  | 10     |
| 1 | TC0013    |  | 5  | 8 mm    | 5/16"  | 30 mm   | 13N09  | 10     |
| 1 | TC0014    |  | 6  | 9,8 mm  | 3/8"   | 30 mm   | 13N10  | 10     |
| 1 | TC0015    |  | 7  | 11,2 mm | 7/16"  | 30 mm   | 13N11  | 10     |
| 1 | TC0016    |  | 8  | 12,7 mm | 1/2"   | 30 mm   | 13N12  | 10     |
| 1 | TC0017    |  | 10 | 15,7 mm | 5/8"   | 30 mm   | 13N13  | 10     |
| 1 | TC0096    |  | 4  | 6,5 mm  | 1/4"   | 48 mm   | 796F71 | 10     |
| 1 | TC0097    |  | 5  | 8 mm    | 5/16"  | 48 mm   | 796F72 | 10     |
| 1 | TC0098    |  | 6  | 9,5 mm  | 3/8"   | 48 mm   | 796F73 | 10     |
| 1 | TC0101    |  | 4  | 6,5 mm  | 1/4"   | 63 mm   | 796F75 | 10     |
| 1 | TC0102    |  | 5  | 8 mm    | 5/16"  | 63 mm   | 796F76 | 10     |
| 1 | TC0103    |  | 4  | 6,5 mm  | 1/4"   | 89 mm   | 796F79 | 10     |
| 2 | TE0002-00 |  |    | 1,0 mm  | .040"  | 24,5 mm | 17CB20 | 10     |
| 3 | TD0002-10 |  |    |         | 1,0 mm | .040"   | 29 mm  | 10N22S |
| 3 | TD0002-16 |  |    | 1,6 mm  | 1/16"  | 29 mm   | 10N23S | 10     |
| 3 | TD0002-20 |  |    | 2,0 mm  |        | 29 mm   |        | 10     |
| 3 | TD0002-24 |  |    | 2,4 mm  | 3/32"  | 29 mm   | 10N24S | 10     |
| 3 | TD0002-32 |  |    | 3,2 mm  | 1/8"   | 29 mm   | 10N25S | 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

## STUBBY GAS LENS

|   | CODE      |  | Gr | Ø       |        | ↔       | REF     |    |    |
|---|-----------|--|----|---------|--------|---------|---------|----|----|
| 1 | TC0041    |  | 4  | 6,4 mm  | 1/4"   | 25,5 mm | 53N58   | 10 |    |
| 1 | TC0042    |  | 5  | 8 mm    | 5/16"  | 25,5 mm | 53N59   | 10 |    |
| 1 | TC0043    |  | 6  | 9,8 mm  | 3/8"   | 25,5 mm | 53N60   | 10 |    |
| 1 | TC0044    |  | 7  | 11,2 mm | 7/16"  | 25,5 mm | 53N61   | 10 |    |
| 1 | TC0045    |  | 8  | 12,7 mm | 1/2"   | 25,5 mm | 53N61S  | 10 |    |
| 2 | TE0095-16 |  |    |         | 1,6 mm | 1/16"   | 29 mm   | -  | 10 |
| 2 | TE0095-20 |  |    |         | 2,0 mm | 5/64"   | 29 mm   | -  | 10 |
| 2 | TE0095-24 |  |    |         | 2,4 mm | 3/32"   | 29 mm   | -  | 10 |
| 2 | TE0095-32 |  |    |         | 3,2 mm | 1/8"    | 29 mm   | -  | 10 |
| 3 | TD0095-16 |  |    |         | 1,6 mm | 1/16"   | 30,7 mm | -  | 10 |
| 3 | TD0095-20 |  |    |         | 2,0 mm | 5/64"   | 30,7 mm | -  | 10 |
| 3 | TD0095-24 |  |    |         | 2,4 mm | 3/32"   | 30,7 mm | -  | 10 |
| 3 | TD0095-32 |  |    |         | 3,2 mm | 1/8"    | 30,7 mm | -  | 10 |
| 4 | TQ0095    |  |    |         |        |         | 18CG20  | 10 |    |
| 4 | TQ0096 *  |  |    |         |        |         |         | 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

## STUBBY GAS LENS (C u)

|   | CODE      |  | Gr | Ø       |        | ↔       | REF     |    |    |
|---|-----------|--|----|---------|--------|---------|---------|----|----|
| 1 | TC0041    |  | 4  | 6,4 mm  | 1/4"   | 25,5 mm | 53N58   | 10 |    |
| 1 | TC0042    |  | 5  | 8 mm    | 5/16"  | 25,5 mm | 53N59   | 10 |    |
| 1 | TC0043    |  | 6  | 9,8 mm  | 3/8"   | 25,5 mm | 53N60   | 10 |    |
| 1 | TC0044    |  | 7  | 11,2 mm | 7/16"  | 25,5 mm | 53N61   | 10 |    |
| 1 | TC0045    |  | 8  | 12,7 mm | 1/2"   | 25,5 mm | 53N61S  | 10 |    |
| 2 | TE0096-16 |  |    |         | 1,6 mm | 1/16"   | 30,6 mm | -  | 10 |
| 2 | TE0096-20 |  |    |         | 2,0 mm | 5/64"   | 30,6 mm | -  | 10 |
| 2 | TE0096-24 |  |    |         | 2,4 mm | 3/32"   | 30,6 mm | -  | 10 |
| 2 | TE0096-32 |  |    |         | 3,2 mm | 1/8"    | 30,6 mm | -  | 10 |
| 3 | TD0096-16 |  |    |         | 1,6 mm | 1/16"   | 33 mm   | -  | 10 |
| 3 | TD0096-20 |  |    |         | 2,0 mm | 5/64"   | 33 mm   | -  | 10 |
| 3 | TD0096-24 |  |    |         | 2,4 mm | 3/32"   | 33 mm   | -  | 10 |
| 3 | TD0096-32 |  |    |         | 3,2 mm | 1/8"    | 33 mm   | -  | 10 |
| 4 | TQ0095    |  |    |         |        |         | 18CG20  | 10 |    |
| 4 | TQ0096 *  |  |    |         |        |         |         | 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

The **Stubby collets** allow the use of the small nozzles of the 9/20 series on the 17/18/26 torch bodies.

