



**WORLDWIDE**  
THE STANDARD  
IN TIG WELDING



CK Worldwide products are manufactured for today's demanding applications. Innovative designs are engineered to deliver increased productivity and improved weld quality while reducing downtime and costs.

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# 9, 20, 24 TIG TORCH CONSUMABLES

## 2 SERIES (13N) TORCH MODELS 9, 20

THREAD PATTERN: 5/16" x 24

| CUP  | COLLET BODY   | COLLET  | HEATSHIELD  | TORCH                                      | BACKCAP   |
|--|---|---|---|--|---|
| <b>SUPER CUP</b><br>2S4 (13N06SC)<br>2S5 (13N09SC)<br>2S6 (13N10SC)<br>2S7 (13N11SC)<br>2S8 (13N12SC)<br>2S10 (13N13SC)        | <b>ALUMINA</b><br>2A4 (13N08)<br>2A5 (13N09)<br>2A6 (13N10)<br>2A7 (13N11)<br>2A8 (13N12)<br>2A10 (13N13)   | <b>STANDARD</b><br>2CB20 (13N25)<br>2CB40 (13N26)<br>2CB116 (13N27)<br>2CB332 (13N28)<br>2CB418 (13N29)       | <b>STANDARD</b><br>2C20 (13N20)<br>2C40 (13N21)<br>2C116 (13N22)<br>2C332 (13N23)<br>2C418 (13N24)                        | <b>STANDARD</b><br>2GHS                    | <b>LONG</b><br>200L (41V24)   |
| <b>ALUMINA - LONG</b><br>2A3L (A796F70)<br>2A4L (A796F71)  | <b>ALUMINA</b><br>2A5L (A796F72)<br>2A6L (A796F73)  | <b>WEDGE</b><br>2C040GS<br>2C116GS  | <b>REVERSE</b><br>6C20<br>6C40<br>6C418<br>6C116  | <b>2C332GS</b><br><b>2C418GS</b>           | <b>MEDIUM</b><br>200M (41V35)   |
| <b>GAS LENS</b><br><b>SUPER CUP</b><br>2SG4 (53N58SC)<br>2SG5 (53N59SC)<br>2SG6 (53N60SC)<br>2SG7 (53N61SC)<br>2SG8 (53N61SSC) | <b>ALUMINA</b><br>2AG4 (53N58)<br>2AG5 (53N59)<br>2AG6 (53N60)<br>2AG7 (53N61)<br>2AG8 (53N61S)<br>2AG10    | <b>GAS LENS</b><br>2GL20 (45V41)<br>2GL40 (45V42)<br>2GL116 (45V43)<br>2GL332 (45V44)<br>2GL418 (45V45)       | <b>STANDARD</b><br><i>SEE ABOVE</i>   | <b>STANDARD</b><br><i>SEE ABOVE</i>        | <b>SHORT</b><br>200S (41V33)  |
| <b>ALUMINA LONG - GAS LENS</b><br>2AG5L (53N59L)<br>2AG6L (53N60L)   | <b>ALUMINA</b><br>2AG7L (53N61L)  | <b>LARGE DIAMETER</b><br>2GL020LD (45V0204S)<br>2GL116LD (45V116S)<br>2GL332LD (45V64S)<br>2GL418LD (995795S) | <b>LARGE DIAMETER</b><br>2C020LD (13N20L)<br>2C040LD (13N21L)<br>2C116LD (13N22L)<br>2C332LD (13N23L)<br>2C418LD (13N24L) | <b>LARGE DIAMETER</b><br>2GHSLD            | <b>TORCHES USED ON:</b><br>CK100<br>CK110<br>CK130<br>CK200<br>CK230<br>FL2L (FL130/<br>FL230)<br>CKM230<br>CWH230<br>CWM230<br>CK9<br>CK20<br>CK25 |
| <b>LARGE DIAMETER</b><br><b>SUPER CUP</b><br>3SG6LD (57N75SC)<br>3SG8LD (57N74SC)<br>3SG10LD (53N88SC)<br>3SG12LD (53N87SC)    | <b>ALUMINA</b><br>3AG6LD (57N75)<br>3AG8LD (57N74)<br>3AG10LD (53N88)<br>3AG11LD (53N89)<br>3AG12LD (53N87) | <b>LARGE DIAMETER</b><br>2GL020LD (45V0204S)<br>2GL116LD (45V116S)<br>2GL332LD (45V64S)<br>2GL418LD (995795S) | <b>LARGE DIAMETER</b><br>2C020LD (13N20L)<br>2C040LD (13N21L)<br>2C116LD (13N22L)<br>2C332LD (13N23L)<br>2C418LD (13N24L) | <b>LARGE DIAMETER</b><br>2GHSLD            | <b>TUNGSTEN ELECTRODE CONVERSION CHART</b>  |
| <b>ALUMINA</b><br>8A4 (A53N24)<br>8A5 (A53N25)<br>8A6 (A53N27)   | <b>SHORT</b><br>6CB20<br>6CB40<br>6CB116  | <b>REVERSE</b><br><i>SEE ABOVE</i>  | <b>STANDARD</b><br><i>SEE ABOVE</i>   | <b>TUNGSTEN ELECTRODE CONVERSION CHART</b> | <b>2C332 Size Suffix</b>  |

## 8 SERIES TORCH MODELS 24, 24W

| CUP  | COLLET BODY   | COLLET  | HEATSHIELD   | TORCH   |
|--|---|---|--|---|
| <b>ALUMINA</b><br>8A1 (A53N23)<br>8A4 (A53N24)<br>8A5 (A53N25)<br>8A6 (A53N27)       | <b>STANDARD</b><br>8CB20 (53N17)<br>8CB40 (53N18)<br>8CB116 (53N19)<br>8CB332 (24CB332) | <b>STANDARD</b><br>8C20 (53N15)<br>8C40 (53N16)<br>8C116 (53N14)<br>8C332 (24C332)    | <b>STANDARD</b><br>80THS   | <b>TORCHES USED ON:</b><br>CK80<br>CK90<br>CK180<br>CWH180<br>CK24<br>CK24W |
| <b>ALUMINA - GAS LENS</b><br>2AG4 (53N58)<br>2AG5 (53N59)                            | <b>GAS LENS</b><br>2AG6 (53N60)<br>2AG7 (53N61)   | <b>GAS LENS</b><br>2GL20 (45V41)<br>2GL40 (45V42)<br>2GL116 (45V43)<br>2GL332 (45V44) | <b>GAS LENS</b><br>8CG20 (53N62)<br>8CG40 (53N63)<br>8CG116 (53N64)<br>8CG332 (24GLC332) | <b>GAS LENS</b><br>8GHS   |
| <b>ALUMINA LONG - GAS LENS</b><br>2AG5L (53N59L)<br>2AG6L (53N60L)<br>2AG7L (53N61L) | <b>GAS LENS</b><br>8GL040<br>8GL116<br>8GL332   | <b>GAS LENS</b><br>8CG332 (24C332)<br>8C040<br>8C116                                  | <b>GAS LENS</b><br>8GHS  | <b>TUNGSTEN ELECTRODE CONVERSION CHART</b>                                  |
| <b>ALUMINA</b><br>8A1 (A53N23)<br>8A4 (A53N24)<br>8A5 (A53N25)<br>8A6 (A53N27)       | <b>GAS LENS</b><br>8GL040<br>8GL116<br>8GL332   | <b>GAS LENS</b><br>8CG332 (24C332)<br>8C040<br>8C116                                  | <b>GAS LENS</b><br>8GHS  | <b>TUNGSTEN ELECTRODE CONVERSION CHART</b>                                  |

### TUNGSTEN ELECTRODE CONVERSION CHART

| SIZE SUFFIX | INCHES | MILLIMETERS |
|-------------|--------|-------------|
| 20          | .020"  | .5mm        |
| 40          | .040"  | 1.0mm       |
| 116         | 1/16"  | 1.6mm       |
| 332         | 3/32"  | 2.4mm       |
| 418         | 1/8"   | 3.2mm       |
| 532         | 5/32"  | 4.0mm       |
| 316         | 3/16"  | 4.8mm       |
| 14          | 1/4"   | 6.4mm       |

8C332 Size Suffix

## 2 SERIES GAS SAVER TORCH MODELS 9, 20

THREAD PATTERN: 5/16" x 24

| CUP                                       | ADAPTER   | COLLET BODY                      | COLLET   | HEATSHIELD                       | TORCH   | BACKCAP   |
|---|---|----------------------------------|--|----------------------------------|---|---|
| <b>ALUMINA</b><br>2A4GS<br>2A5GS<br>2A6GS | <b>WITH SCREEN</b><br>TAS040GS<br>TAS116GS<br>TAS332GS<br>TAS418GS                        | <b>STANDARD</b><br>2CBGS-1       | <b>WEDGE</b><br>2C040GS<br>2C116GS<br>2C332GS<br>2C418GS | <b>STANDARD</b><br>2HSGS-1       | <b>LONG</b><br>200L (41V24)   | <b>TORCHES USED ON:</b><br>CK100<br>CK110<br>CK130<br>CK200<br>CK230<br>FL2L (FL130/<br>FL230)<br>CKM230<br>CWH230<br>CWM230<br>CK9<br>CK20<br>CK25 |
| <b>CLEAR</b><br>2P8GS                     | <b>WITHOUT SCREEN</b><br>TA040GS<br>TA116GS<br>TA332GS                                    | <b>LARGE DIAMETER</b><br>2CBGSLD | <b>WEDGE</b><br><i>SEE ABOVE</i>                         | <b>LARGE DIAMETER</b><br>2HSGSLD | <b>MEDIUM</b><br>200M (41V35)   | <b>SHORT</b><br>200S (41V33)  |
| <b>ALUMINA</b><br>2A18GSLD                | <b>LARGE DIAMETER WITH SCREEN</b><br>TAS040GSLD<br>TAS116GSLD<br>TAS332GSLD<br>TAS418GSLD | <b>LARGE DIAMETER</b><br>2CBGSLD | <b>WEDGE</b><br><i>SEE ABOVE</i>                         | <b>LARGE DIAMETER</b><br>2HSGSLD | <b>TORCHES USED ON:</b><br>CK100<br>CK110<br>CK130<br>CK200<br>CK230<br>FL2L (FL130/<br>FL230)<br>CKM230<br>CWH230<br>CWM230<br>CK9<br>CK20<br>CK25 | <b>CLEAR</b><br>2P18GSLD  |

## GAS SAVER SERIES

**Standard Collet & Collet Body**

**Gas Saver Collet & Collet Body**

**Turbulent Gas Flow Pattern**

**Columnar Gas Flow Pattern**

**SAVE UP TO 40% ARGON GAS**

### TUNGSTEN ELECTRODES

TIG welding electrodes usually contain small quantities of metallic oxides, which can offer the following benefits:

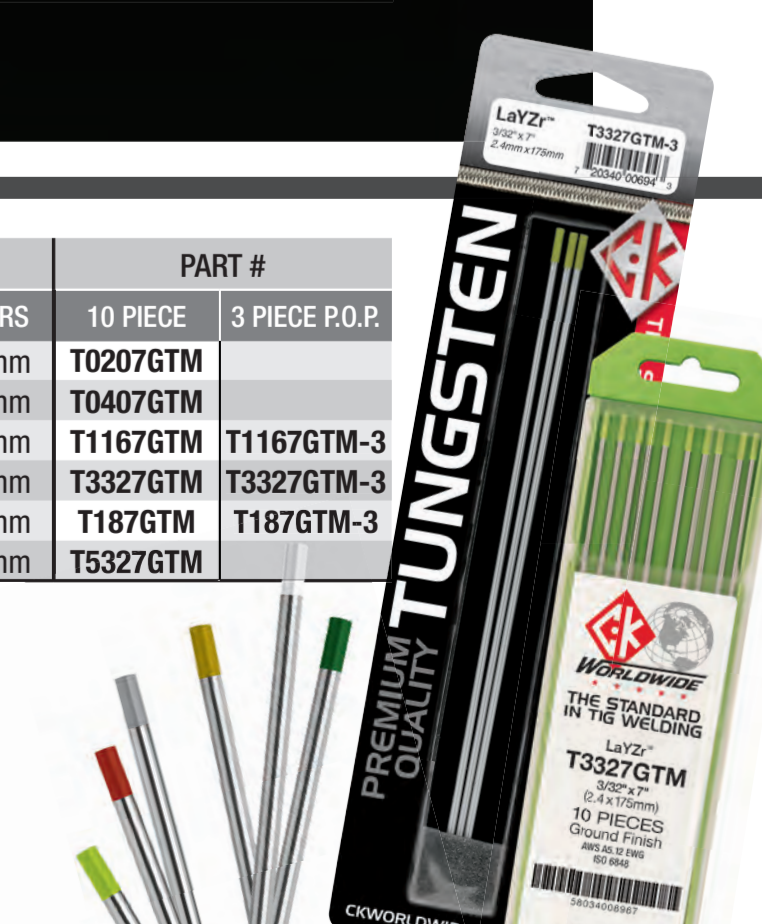
- Facilitate arc starting
- Increase arc stability
- Improve current carrying capacity of the electrode
- Reduce the risk of weld contamination
- Increase electrode life

| ISO 6848 COLOR CHART                    | SIZE      |             | PART #   |                |
|---|-----------|-------------|----------|----------------|
|   | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>2% Thoriated</b><br><b>Red</b>       | .020 x 7" | 0.5 x 175mm | T0207GT2 |                |
|   | .040 x 7" | 1.0 x 175mm | T0407GT2 |                |
|   | 1/16 x 7" | 1.6 x 175mm | T1167GT2 | T1167GT2-3     |
|   | 3/32 x 7" | 2.4 x 175mm | T3327GT2 | T3327GT2-3     |
|   | 1/8 x 7"  | 3.2 x 175mm | T187GT2  | T187GT2-3      |
| <b>.8% Zirconiated</b><br><b>White</b>  | 5/32 x 7" | 4.0 x 175mm | T5327GT2 |                |
|   | .020 x 7" | 0.5 x 175mm | T0207GZ  |                |
|   | .040 x 7" | 1.0 x 175mm | T0407GZ  |                |
| <b>AWS A5.12 EWZr-8</b><br>ISO 6848 WZ8 | 1/16 x 7" | 1.6 x 175mm | T1167GZ  | T1167GZ-3      |
|   | 3/32 x 7" | 2.4 x 175mm | T3327GZ  | T3327GZ-3      |
|   | 1/8 x 7"  | 3.2 x 175mm | T187GZ   | T187GZ-3       |
|   | 5/32 x 7" | 4.0 x 175mm | T5327GZ  |                |

| ISO 6848 COLOR CHART                       | SIZE      |             | PART #   |                |
|--|-----------|-------------|----------|----------------|
|  | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>1.5% Lanthanated</b><br><b>Gold</b>     | .020 x 7" | 0.5 x 175mm | T0207GL  |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GL  |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167GL  | T1167GL-3      |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GL  | T3327GL-3      |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GL   | T187GL-3       |
| <b>2% Ceriated</b><br><b>Gray</b>          | 5/32 x 7" | 4.0 x 175mm | T5327GL  |                |
|  | .020 x 7" | 0.5 x 175mm | T0207GC2 |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GC2 |                |
| <b>AWS A5.12 EWLa-1.5</b><br>ISO 6848 WL15 | 1/16 x 7" | 1.6 x 175mm | T1167GC2 | T1167GC2-3     |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GC2 | T3327GC2-3     |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GC2  | T187GC2-3      |
|  | 5/32 x 7" | 4.0 x 175mm | T5327GC2 |                |

| ISO 6848 COLOR CHART                     | SIZE      |             | PART #   |                |
|--|-----------|-------------|----------|----------------|
|  | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>Pure</b><br><b>Green</b>              | .020 x 7" | 0.5 x 175mm | T0207G   |                |
|  | .040 x 7" | 1.0 x 175mm | T0407G   |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167G   | T1167G-3       |
|  | 3/32 x 7" | 2.4 x 175mm | T3327G   | T3327G-3       |
|  | 1/8 x 7"  | 3.2 x 175mm | T187G    | T187G-3        |
| <b>2% Lanthanated</b><br><b>Blue</b>     | 5/32 x 7" | 4.0 x 175mm | T5327G   |                |
|  | .020 x 7" | 0.5 x 175mm | T0207GL2 |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GL2 |                |
| <b>AWS A5.12 EWLa-2</b><br>ISO 6848 WL20 | 1/16 x 7" | 1.6 x 175mm | T1167GL2 | T1167GL2-3     |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GL2 | T3327GL2-3     |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GL2  | T187GL2-3      |
|  | 5/32 x 7" | 4.0 x 175mm | T5327GL2 |                |

| ISO 6848 COLOR CHART                     | SIZE      |             | PART #    |                |
|--|-----------|-------------|-----------|----------------|
|  | INCHES    | MILLIMETERS | 10 PIECE  | 3 PIECE P.O.P. |
| <b>LaYzr™</b><br><b>Chartreuse</b>       | .020 x 7" | 0.5 x 175mm | T0207GTM  |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GTM  |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167GTM  | T1167GTM-3     |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GTM  | T3327GTM-3     |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GTM   | T187GTM-3      |
| <b>AWS A5.12 EWG</b><br>ISO 6848         | 5/32 x 7" | 4.0 x 175mm | T5327GTM  |                |
|  | .020 x 7" | 0.5 x 175mm | T0207GTM2 |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GTM2 |                |
| <b>AWS A5.12 EWLa-2</b><br>ISO 6848 WL20 | 1/16 x 7" | 1.6 x 175mm | T1167GTM2 | T1167GTM2-3    |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GTM2 | T3327GTM2-3    |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GTM2  | T187GTM2-3     |
|  | 5/32 x 7" | 4.0 x 175mm | T5327GTM2 |                |







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# 17, 18, 26 TIG TORCH CONSUMABLES

## 3 SERIES (10N) TORCH MODELS 17, 18, 26

THREAD PATTERN: 3/8" x 32

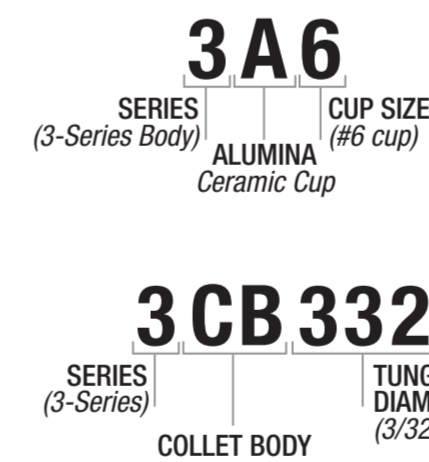
| CUP  | COLLET BODY   | COLLET   | HEATSHIELD  | TORCH                           | BACKCAP                       |
|--|---|--|---|---------------------------------|-------------------------------|
| <b>SUPER CUP</b><br>3S4 (10N50SC)<br>3S5 (10N49SC)<br>3S6 (10N48SC)<br>3S7 (10N47SC)<br>3S8 (10N46SC)<br>3S10 (10N45SC)<br>3S12 (10N44SC)                            | <b>ALUMINA</b><br>3A4 (10N50)<br>3A5 (10N49)<br>3A6 (10N48)<br>3A7 (10N47)<br>3A8 (10N46)<br>3A10 (10N45)<br>3A12 (10N44) | <b>STANDARD</b><br>3CB20 (10N29)<br>3CB40 (10N30)<br>3CB116 (10N31)<br>3CB332 (10N32)<br>3CB418 (10N28)<br>3CB532 (406488) | <b>STANDARD</b><br>3C20 (10N21)<br>3C40 (10N22)<br>3C116 (10N23)<br>3C332 (10N24)<br>3C418 (10N25)<br>3C532 (54N20) | <b>STANDARD</b><br>300HS        | <b>LONG</b><br>300L (57Y02)   |
| <b>ALUMINA - LONG</b><br>3A5L (10N49L)<br>3A6L (10N48L)<br>3A7L (10N47L)   | <b>WEDGE</b><br>3C040GS<br>3C116GS<br>3C332GS   | <b>REVERSE</b><br>7C20<br>7C40<br>7C116  | <b>REVERSE</b><br>7C332<br>7C418<br>7C532   |                                 | <b>MEDIUM</b><br>300M (34015) |
| <b>GAS LENS</b><br><b>SUPER CUP</b><br>3SG4 (54N18SC)<br>3SG5 (54N17SC)<br>3SG6 (54N16SC)<br>3SG7 (54N15SC)<br>3SG8 (54N14SC)  | <b>ALUMINA</b><br>3AG4 (54N18)<br>3AG5 (54N17)<br>3AG6 (54N16)<br>3AG7 (54N15)<br>3AG8 (54N14)<br>3AG11 (54N19)<br>3AG12  | <b>GAS LENS</b><br>3GL20 (45V29)<br>3GL40 (45V24)<br>3GL116 (45V25)<br>3GL332 (45V26)<br>3GL418 (45V27)<br>3GL532 (45V28)  | <b>STANDARD</b><br>SEE ABOVE  | <b>GAS LENS</b><br>3GHS         | <b>SHORT</b><br>300S (57Y04)  |
| <b>ALUMINA LONG - GAS LENS</b><br>OVERALL LENGTH 3" (7.6cm)<br>3AG5L (54N17L)<br>3AG6L (54N16L)<br>3AG7L (54N15L)<br>3AG8L (54N14L)                                  | <b>WEDGE</b><br>SEE ABOVE   | <b>REVERSE</b><br>SEE ABOVE  |   |                                 |                               |
| <b>LARGE DIAMETER</b><br><b>SUPER CUP</b><br>3SG6LD (57N75SC)<br>3SG8LD (57N74SC)<br>3SG10LD (53N88SC)<br>3SG12LD (53N87SC)  | <b>ALUMINA</b><br>3AG6LD (57N75)<br>3AG8LD (57N74)<br>3AG10LD (53N88)<br>3AG12LD (53N87)                                  | <b>LARGE DIAMETER</b><br>3GL116LD (45V116)<br>3GL332LD (45V64)<br>3GL418LD (995795)<br>3GL532LD (45V63)                    | <b>STANDARD</b><br>SEE ABOVE  | <b>LARGE DIAMETER</b><br>3GHSLD | <b>LONG</b><br>300L (57Y02)   |
| <b>ALUMINA LONG - LARGE DIAMETER</b><br>OVERALL LENGTH 2.75" (6.9cm)<br>3AG6LDL (57N75L)<br>3AG8LDL (57N74L)<br>3AG10LDL (53N88L)<br>3AG12LDL (53N87L)               | <b>WEDGE</b><br>SEE ABOVE   | <b>REVERSE</b><br>SEE ABOVE  |   |                                 | <b>MEDIUM</b><br>300M (34015) |
| <b>ALUMINA EXTRA LONG - LARGE DIAMETER</b><br>OVERALL LENGTH 3.25" (8.3cm)<br>3AG6LDXL (57N75XL)<br>3AG8LDXL (57N74XL)<br>3AG10LDXL (53N88XL)<br>3AG12LDXL (53N87XL) | <b>WEDGE</b><br>SEE ABOVE   | <b>REVERSE</b><br>SEE ABOVE  |   |                                 | <b>SHORT</b><br>300S (57Y04)  |

TORCHES USED ON:  
 CK150  
 CKC150  
 CK210  
 CK300  
 CK510  
 TL210  
 TL300  
 TL18  
 TL26  
 FL3L (FL150/FL250)  
 CK17  
 CK18/CK18HD  
 CK26/CK26HD  
 CKM350  
 CWH350\*  
 CWM350\*  
 \*Contact CK Worldwide for heatshield.

### TUNGSTEN ELECTRODE CONVERSION CHART

| SIZE SUFFIX | INCHES | MILLIMETERS |
|-------------|--------|-------------|
| 20          | .020"  | .5mm        |
| 40          | .040"  | 1.0mm       |
| 116         | 1/16"  | 1.6mm       |
| 332         | 3/32"  | 2.4mm       |
| 418         | 1/8"   | 3.2mm       |
| 532         | 5/32"  | 4.0mm       |
| 316         | 3/16"  | 4.8mm       |
| 14          | 1/4"   | 6.4mm       |

### UNDERSTANDING CK WORLDWIDE PART NUMBERS:



## 3 SERIES GAS SAVER TORCH MODELS 17, 18, 26

THREAD PATTERN: 3/8" x 32

| CUP   | ADAPTER   | COLLET BODY                      | COLLET  | HEATSHIELD                       | TORCH                         | BACKCAP                      |
|---|---|----------------------------------|---|----------------------------------|-------------------------------|------------------------------|
| <b>ALUMINA</b><br>3A4GS<br>3A5GS<br>3A6GS<br>3A7GS<br>3A8GS | <b>WITH SCREEN</b><br>TAS040GS<br>TAS116GS<br>TAS332GS<br>TAS418GS<br>TAS532GS                          | <b>STANDARD</b><br>3CBGS         | <b>WEDGE</b><br>3C040GS<br>3C116GS<br>3C332GS<br>3C418GS<br>3C532GS       | <b>STANDARD</b><br>3HSGS         | <b>LONG</b><br>300L (57Y02)   | <b>LONG</b><br>300L (57Y02)  |
| <b>CLEAR</b><br>3P8GS                                       | <b>WITHOUT SCREEN</b><br>TA040GS<br>TA116GS<br>TA332GS  |                                  |   |                                  | <b>MEDIUM</b><br>300M (34015) | <b>SHORT</b><br>300S (57Y04) |
| <b>ALUMINA</b><br>2A4GS<br>2A5GS<br>2A6GS                   | <b>WITH SCREEN</b><br>SEE ABOVE   | <b>SHORT</b><br>4CBGS            | <b>SHORT WEDGE</b><br>4C040GS<br>4C116GS<br>4C332GS<br>4C418GS<br>4C532GS | <b>SHORT</b><br>3HSGS            |                               |                              |
| <b>CLEAR</b><br>2P8GS                                       | <b>WITHOUT SCREEN</b><br>SEE ABOVE  |                                  |   |                                  |                               |                              |
| <b>ALUMINA - GAS LENS</b><br>2A12GSLD                       | <b>LARGE DIAMETER WITH SCREEN</b><br>TAS040GSLD<br>TAS116GSLD<br>TAS332GSLD<br>TAS418GSLD<br>TAS532GSLD | <b>LARGE DIAMETER</b><br>4CBGSLD | <b>SHORT WEDGE</b><br>4C040GS<br>4C116GS<br>4C332GS<br>4C418GS<br>4C532GS | <b>LARGE DIAMETER</b><br>4HSGSLD |                               |                              |
| <b>CLEAR</b><br>4P18GSLD                                    |   |                                  |   |                                  |                               |                              |

TORCHES USED ON:  
 CK150  
 CKC150  
 CK210  
 CK300  
 CK510  
 TL210  
 TL300  
 TL18  
 TL26  
 FL3L (FL150/FL250)  
 CK17  
 CK18/CK18HD  
 CK26/CK26HD  
 MT100\*  
 MT400\*  
 MT500  
 CKM350  
 \*Contact CK Worldwide for heatshield.

## 4 SERIES STUBBY TORCH MODELS 17, 18, 26

THREAD PATTERN: 3/8" x 32

| CUP   | COLLET BODY   | COLLET                                      | HEATSHIELD                                  | TORCH                           | BACKCAP                      |
|---|---|---|---|---------------------------------|------------------------------|
| <b>ALUMINA</b><br>2A4 (13N08)<br>2A5 (13N09)<br>2A6 (13N10)                               | <b>2A7 (13N11)</b><br><b>2A8 (13N12)</b><br><b>2A10 (13N13)</b> | <b>SHORT</b><br>4CB20<br>4CB40<br>4CB116    | <b>COLLET</b><br>4CB332<br>4CB418<br>4CB532 | <b>STANDARD</b><br>300HS        | <b>LONG</b><br>300L (57Y02)  |
| <b>ALUMINA - GAS LENS</b><br>2AG4 (53N58)<br>2AG5 (53N59)<br>2AG6 (53N60)<br>2AG7 (53N61) | <b>SHORT - GAS LENS</b><br>4GL20<br>4GL40<br>4GL116             | <b>COLLET</b><br>4CL332<br>4CL418<br>4CL532 | <b>STANDARD</b><br>300HS                    | <b>SHORT - GAS LENS</b><br>4GHS | <b>LONG</b><br>300L (57Y02)  |
| <b>ALUMINA LONG - GAS LENS</b><br>2AG5L (53N59L)<br>2AG6L (53N60L)<br>2AG7L (53N61L)      | <b>SHORT - GAS LENS</b><br>SEE ABOVE                            | <b>SHORT WEDGE</b><br>SEE ABOVE             |   |                                 | <b>SHORT</b><br>300S (57Y04) |

TORCHES USED ON:  
 CK150  
 CKC150  
 CK210  
 CK300  
 CK510  
 TL210  
 TL300  
 TL18  
 TL26  
 FL3L (FL150/FL250)  
 CK17  
 CK18/CK18HD  
 CK26/CK26HD  
 CKM350  
 CWH350\*  
 CWM350\*  
 \*Contact CK Worldwide for heatshield.

### TUNGSTEN ELECTRODES

TIG welding electrodes usually contain small quantities of metallic oxides, which can offer the following benefits:

- Facilitate arc starting
- Increase arc stability
- Improve current carrying capacity of the electrode
- Reduce the risk of weld contamination
- Increase electrode life

| ISO 6848 COLOR CHART                   | SIZE      |             | PART #   |                |
|--|-----------|-------------|----------|----------------|
|  | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>2% Thoriated</b><br><b>Red</b>      | .020 x 7" | 0.5 x 175mm | T0207G2  |                |
|  | .040 x 7" | 1.0 x 175mm | T0407G2  |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167G2  | T1167GT2-3     |
|  | 3/32 x 7" | 2.4 x 175mm | T3327G2  | T3327GT2-3     |
|  | 1/8 x 7"  | 3.2 x 175mm | T187G2   | T187GT2-3      |
| <b>.8% Zirconiated</b><br><b>White</b> | .020 x 7" | 0.5 x 175mm | T0207GZ  |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GZ  |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167GZ  | T1167GZ-3      |
| AWS A5.12 EWZr-8<br>ISO 6848 WZ8       | 3/32 x 7" | 2.4 x 175mm | T3327GZ  | T3327GZ-3      |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GZ   | T187GZ-3       |
|  | 5/32 x 7" | 4.0 x 175mm | T5327GZ  |                |

| ISO 6848 COLOR CHART                                   | SIZE      |             | PART #   |                |
|--|-----------|-------------|----------|----------------|
|  | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>1.5% Lanthanated</b><br><b>Gold</b>                 | .020 x 7" | 0.5 x 175mm | T0207GL  |                |
|  | .040 x 7" | 1.0 x 175mm | T0407GL  |                |
|  | 1/16 x 7" | 1.6 x 175mm | T1167GL  | T1167GL-3      |
|  | 3/32 x 7" | 2.4 x 175mm | T3327GL  | T3327GL-3      |
|  | 1/8 x 7"  | 3.2 x 175mm | T187GL   | T187GL-3       |
| AWS A5.12 EWLa-1.5<br>ISO 6848 WL15                    | 5/32 x 7" | 4.0 x 175mm | T5327GL  |                |
|  | .020 x 7" | 0.5 x 175mm | T0207G2C |                |
|  | .040 x 7" | 1.0 x 175mm | T0407G2C |                |
| <b>2% Ceriated</b><br><b>Gray</b>                      | 1/16 x 7" | 1.6 x 175mm | T1167G2C | T1167G2C-3     |
|  | 3/32 x 7" | 2.4 x 175mm | T3327G2C | T3327G2C-3     |
|  | 1/8 x 7"  | 3.2 x 175mm | T187G2C  | T187G2C-3      |
| AWS A5.12 EWLa-2<br>ISO 6848 WC20<br>(Formerly Orange) | 5/32 x 7" | 4.0 x 175mm | T5327G2C |                |

| ISO 6848 COLOR CHART                 | SIZE      |             | PART #   |                |
|--------------------------------------|-----------|-------------|----------|----------------|
|                                      | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>Pure</b><br><b>Green</b>          | .020 x 7" | 0.5 x 175mm | T0207G   |                |
|                                      | .040 x 7" | 1.0 x 175mm | T0407G   |                |
|                                      | 1/16 x 7" | 1.6 x 175mm | T1167G   | T1167G-3       |
|                                      | 3/32 x 7" | 2.4 x 175mm | T3327G   | T3327G-3       |
|                                      | 1/8 x 7"  | 3.2 x 175mm | T187G    | T187G-3        |
| AWS A5.12 EWP<br>ISO 6848 WP         | 5/32 x 7" | 4.0 x 175mm | T5327G   |                |
|                                      | .020 x 7" | 0.5 x 175mm | T0207GL2 |                |
|                                      | .040 x 7" | 1.0 x 175mm | T0407GL2 |                |
| <b>2% Lanthanated</b><br><b>Blue</b> | 1/16 x 7" | 1.6 x 175mm | T1167GL2 | T1167GL2-3     |
|                                      | 3/32 x 7" | 2.4 x 175mm | T3327GL2 | T3327GL2-3     |
|                                      | 1/8 x 7"  | 3.2 x 175mm | T187GL2  | T187GL2-3      |
| AWS A5.12 EWLa-2<br>ISO 6848 WL20    | 5/32 x 7" | 4.0 x 175mm | T5327GL2 |                |

| ISO 6848 COLOR CHART               | SIZE      |             | PART #   |                |
|------------------------------------|-----------|-------------|----------|----------------|
|                                    | INCHES    | MILLIMETERS | 10 PIECE | 3 PIECE P.O.P. |
| <b>LaYzr™</b><br><b>Chartreuse</b> | .020 x 7" | 0.5 x 175mm | T0207GTM |                |
|                                    | .040 x 7" | 1.0 x 175mm | T0407GTM |                |
|                                    | 1/16 x 7" | 1.6 x 175mm | T1167GTM | T1167GTM-3     |
|                                    | 3/32 x 7" | 2.4 x 175mm | T3327GTM | T3327GTM-3     |
|                                    | 1/8 x 7"  | 3.2 x 175mm | T187GTM  | T187GTM-3      |
| AWS A5.12 EWG<br>ISO 6848          | 5/32 x 7" | 4.0 x 175mm | T5327GTM |                |

