



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.

- **COLD WIRE FEED SYSTEM:** Increases productivity by 30%, increases "Arc On" time, eliminates stub loss and saves money on wire costs.
- **GAS SAVER SYSTEM:** Saves up to 40% on gas, improves weld quality and has a longer tungsten stick out. Clear nozzles are available.
- **STEADY-GRIP™ AMPERAGE CONTROL** The adjustable handle gives the operator smooth, accurate, and ergonomic "trigger finger" control of the TIG welding process.
- **WEDGE COLLETS:** Improve arc starts and stability, reduce downtime and last 10 times longer than standard collets.

www.CKWORLDWIDE.com  
1 (800) 426-0877

# 9, 20, 24 TIG TORCH CONSUMABLES

## 2 SERIES

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
ALUMINA 2A4 (13N08) 2A5 (13N09) 2A6 (13N10)	2A7 (13N11) 2A8 (13N12) 2A10 (13N13)	STANDARD 2CB20 (13N25) 2CB40 (13N26) 2CB116 (13N27) 2CB332 (13N28) 2CB418 (13N29)	STANDARD 2C20 (13N20) 2C40 (13N21) 2C116 (13N22) 2C332 (13N23) 2C418 (13N24)	STANDARD 26HS	LONG 200L (41V24)
CERAMIC 2C4 (13N14) 2C5 (13N15) 2C6 (13N16)	2C7 (13N17) 2C8 (13N18) 2C10 (13N19)	WEDGE 2C040GS 2C116GS 2C332GS 2C418GS	REVERSE 6C20 6C40 6C116	6C332 6C418	MEDIUM 200M (41V35)
ALUMINA-LONG 2A3L (A796F70) 2A4L (A796F71)	2A5L (A796F72) 2A6L (A796F73)	REVERSE 6C20 6C40 6C116	6C332 6C418		SHORT 200S (41V33)
CERAMIC-LONG 2C3L (796F70) 2C4L (796F71)	2C5L (796F72) 2C6L (796F73)				
STANDARD 2S4 (13N08SC) 2S5 (13N09SC) 2S6 (13N10SC)	2S4 (13N08SC) 2S5 (13N09SC) 2S6 (13N10SC)				
ALUMINA-GAS LENS 2AG4 (53N58) 2AG5 (53N59) 2AG6 (53N60)	2AG7 (53N61) 2AG8 (53N61S) 2AG10	GAS LENS 2GL20 (45V41) 2GL40 (45V42) 2GL116 (45V43) 2GL332 (45V44) 2GL418 (45V45)	STANDARD SEE ABOVE WEDGE SEE ABOVE REVERSE SEE ABOVE	STANDARD SEE ABOVE	
GAS LENS 2SG4 (53N58SC) 2SG5 (53N59SC) 2SG6 (53N60SC)	2SG4 (53N58SC) 2SG5 (53N59SC) 2SG6 (53N60SC)				
ALUMINA-LARGE DIAMETER 3AG6LD (57N75) 3AG8LD (57N74) 3AG10LD (53N88)	3AG11LD (53N89) 3AG12LD (53N87)	LARGE DIAMETER 2C020LD (13N20L) 2C040LD (13N21L) 2C116LD (13N22L) 2C332LD (13N23L) 2C418LD (13N24L)	LARGE DIAMETER 26HSLD		
LARGE DIAMETER 3SG6LD (57N75SC) 3SG8LD (57N74SC)	3SG10LD (53N88SC) 3SG12LD (53N87SC)				
ALUMINA 8A4 (A53N24) 8A5 (A53N25)	8A6 (A53N27)	SHORT 6CB20 6CB40 6CB116 6CB332 6CB418	REVERSE SEE ABOVE	STANDARD SEE ABOVE	
CERAMIC 8C4 (53N24) 8C5 (53N25)	8C6 (53N27)				
CERAMIC-LONG 8C4L (53N28)	8C6L (53N26)				

TORCHES USED ON:

- CK100
- CK110
- CK130
- CK200
- CK230
- FL2L
- CKM230
- CWH230
- CWM230
- CK9
- CK20

## 8 SERIES

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH
CERAMIC 8C4 (53N24) 8C5 (53N25)	8C6 (53N27)	STANDARD 8CB20 (53N17) 8CB40 (53N18) 8CB116 (53N19) 8CB332 (24C332)	STANDARD 8C20 (53N15) 8C40 (53N16) 8C116 (53N14) 8C332 (24C332)	STANDARD 80THS
ALUMINA 8A1 (A53N23) 8A4 (A53N24)	8A5 (A53N25) 8A6 (A53N27)			
CERAMIC-LONG 8C4L (53N28)	8C6L (53N26)			
ALUMINA-GAS LENS 2AG4 (53N58) 2AG5 (53N59)	2AG6 (53N60) 2AG7 (53N61) 2AG8 (53N61S) 2AG10	GAS LENS 2GL20 (45V41) 2GL40 (45V42) 2GL116 (45V43) 2GL332 (45V44)	GAS LENS 8CG20 (53N62) 8CG40 (53N63) 8CG116 (53N64) 8CG332 (24LC332)	GAS LENS 8GHS
CERAMIC 8C4 (53N24) 8C5 (53N25)	8C6 (53N27)	GAS LENS 8GL332	GAS LENS 8C332 (24C332)	GAS LENS 8GHS
ALUMINA 8A1 (A53N23) 8A4 (A53N24)	8A5 (A53N25) 8A6 (A53N27)			
CERAMIC-LONG 8C4L (53N28)	8C6L (53N26)			

TORCHES USED ON:

- CK80
- CK90
- CWH180
- CK24
- CK24W

## 2 SERIES GAS SAVER PARTS

CUP	ADAPTER	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
ALUMINA 2A4GS 2A5GS 2A6GS	WITH SCREEN TAS040GS TAS116GS TAS332GS TAS418GS	STANDARD 2CBGS-1	WEDGE 2C116GS 2C332GS 2C418GS	STANDARD 2HSGS	LONG 200L (41V24)	
CLEAR 2P8GS	WITHOUT SCREEN TA040GS TA116GS				MEDIUM 200M (41V35)	
CLEAR 2P18GSLD	LARGE DIAMETER WITH SCREEN TAS040GSLD TAS116GSLD	LARGE DIAMETER 2CBGSLD	WEDGE SEE ABOVE	LARGE DIAMETER 2HSGSLD	SHORT 200S (41V33)	



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	TYPE	SIZE	PART #	
			10 PIECE	3 PIECE
Red	2% Thoriated Tungsten:	.020 x 7" (0.5mm x 175mm)	T0207G12	
		.040 x 7" (1.0mm x 175mm)	T0407G12	
		1/16 x 7" (1.6mm x 175mm)	T1167G12	T1167G12-3
		3/32 x 7" (2.4mm x 175mm)	T3327G12	T3327G12-3
		1/8 x 7" (3.2mm x 175mm)	T187G12	T187G12-3
		5/32 x 7" (4.0mm x 175mm)	T5327G12	
		.020 x 7" (0.5mm x 175mm)	T0207G2	
		.040 x 7" (1.0mm x 175mm)	T0407G2	
		1/16 x 7" (1.6mm x 175mm)	T1167G2	T1167G2-3
		3/32 x 7" (2.4mm x 175mm)	T3327G2	T3327G2-3
		1/8 x 7" (3.2mm x 175mm)	T187G2	T187G2-3
		5/32 x 7" (4.0mm x 175mm)	T5327G2	

ISO 6848 COLOR CHART	TYPE	SIZE	PART #	
			10 PIECE	3 PIECE
Gold	1.5% Lanthanated Tungsten:	.020 x 7" (0.5mm x 175mm)	T0207GL	
		.040 x 7" (1.0mm x 175mm)	T0407GL	
		1/16 x 7" (1.6mm x 175mm)	T1167GL	T1167GL-3
		3/32 x 7" (2.4mm x 175mm)	T3327GL	T3327GL-3
		1/8 x 7" (3.2mm x 175mm)	T187GL	T187GL-3
		5/32 x 7" (4.0mm x 175mm)	T5327GL	
		.020 x 7" (0.5mm x 175mm)	T0207GC2	
		.040 x 7" (1.0mm x 175mm)	T0407GC2	
		1/16 x 7" (1.6mm x 175mm)	T1167GC2	T1167GC2-3
		3/32 x 7" (2.4mm x 175mm)	T3327GC2	T3327GC2-3
		1/8 x 7" (3.2mm x 175mm)	T187GC2	T187GC2-3
		5/32 x 7" (4.0mm x 175mm)	T5327GC2	

ISO 6848 COLOR CHART	TYPE	SIZE	PART #	
			10 PIECE	3 PIECE
Green	Pure Tungsten:	.020 x 7" (0.5mm x 175mm)	T0207G	
		.040 x 7" (1.0mm x 175mm)	T0407G	
		1/16 x 7" (1.6mm x 175mm)	T1167G	T1167G-3
		3/32 x 7" (2.4mm x 175mm)	T3327G	T3327G-3
		1/8 x 7" (3.2mm x 175mm)	T187G	T187G-3
		5/32 x 7" (4.0mm x 175mm)	T5327G	
		.020 x 7" (0.5mm x 175mm)	T0207GTM	
		.040 x 7" (1.0mm x 175mm)	T0407GTM	
		1/16 x 7" (1.6mm x 175mm)	T1167GTM	T1167GTM-3
		3/32 x 7" (2.4mm x 175mm)	T3327GTM	T3327GTM-3
		1/8 x 7" (3.2mm x 175mm)	T187GTM	T187GTM-3
		5/32 x 7" (4.0mm x 175mm)	T5327GTM	







**WORLDWIDE**

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IN TIG WELDING**

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# 17, 18, 26 TIG TORCH CONSUMABLES

## 3 SERIES

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
<b>ALUMINA</b> 3A4 (10N50) 3A5 (10N49) 3A6 (10N48) 3A7 (10N47)	<b>STANDARD</b> 3CB20 (10N29) 3CB40 (10N30) 3CB116 (10N31) 3CB332 (10N32) 3CB418 (10N28) 3CB532 (406488)	<b>STANDARD</b> 3C20 (10N21) 3C40 (10N22) 3C116 (10N23) 3C332 (10N24) 3C418 (10N25) 3C532 (54N20)	<b>STANDARD</b> 300HS		<b>LONG</b> 300L (57Y02)
<b>ALUMINA-LONG</b> 3A5L (10N49L) 3A6L (10N48L)	3A7L (10N47L)				<b>MEDIUM</b> 300M (34015)
<b>CERAMIC</b> 3C4 (105243) 3C5 (105242) 3C6 (105244) 3C7 (105245)	3C8 (08N78) 3C10 (08N79) 3C12 (08N80)	<b>WEDGE</b> 3C040GS 3C116GS 3C332GS			<b>SHORT</b> 300S (57Y04)
<b>CERAMIC-LONG</b> 3C4L (12N03) 3C5L (105260)	3C6L (12N02) 3C7L (105261)	<b>REVERSE</b> 7C20 7C40 7C116	7C332 7C418 7C532		
<b>STANDARD</b> 3S4 (10N50SC) 3S5 (10N49SC) 3S6 (10N48SC)	3S7 (10N47SC) 3S8 (10N46SC) 3S10 (10N45SC)				
<b>ALUMINA-GAS LENS</b> 3AG4 (54N18) 3AG5 (54N17) 3AG6 (54N16)	<b>GAS LENS</b> 3GL20 (45V29) 3GL40 (45V24) 3GL116 (45V25) 3GL332 (45V26) 3GL418 (45V27) 3GL532 (45V28)	<b>STANDARD</b> SEE ABOVE	<b>GAS LENS</b> 3GHS		
<b>ALUMINA LONG-GAS LENS</b> OVERALL LENGTH 3 IN. 3AG5L (54N17L) 3AG6L (54N16L) 3AG7L (54N15L) 3AG8L (54N14L)		<b>WEDGE</b> SEE ABOVE			
<b>CERAMIC-GAS LENS</b> 3CG4 (54N35) 3CG5 (54N34) 3CG6 (54N33) 3CG7 (54N32) 3CG8 (54N31)	3CG11 (54N36) 3CG12 3CG14 3CG16	<b>REVERSE</b> SEE ABOVE			
<b>GAS LENS</b> 3SG4 (54N18SC) 3SG5 (54N17SC) 3SG6 (54N16SC)	3SG7 (54N15SC) 3SG8 (54N14SC)				
<b>ALUMINA-LARGE DIAMETER</b> 3AG6LD (57N75) 3AG8LD (57N74) 3AG10LD (53N88)	<b>LARGE DIAMETER</b> 3GL116LD (45V116) 3GL332LD (45V64) 3GL418LD (995795) 3GL532LD (45V63)	<b>STANDARD</b> SEE ABOVE	<b>LARGE DIAMETER</b> 3GHSLD		
<b>ALUMINA LONG-LARGE DIAMETER</b> OVERALL LENGTH 2.75 IN. 3AG6LDL (57N75L) 3AG8LDL (57N74L) 3AG10LDL (53N88L)	3AG10LDL (53N88L) 3AG12LDL (53N87L)	<b>WEDGE</b> SEE ABOVE			
<b>ALUMINA EXTRA LONG-LARGE DIAMETER</b> OVERALL LENGTH 3.25 IN. 3AG6LDXL (57N75XL) 3AG8LDXL (57N74XL)	3AG10LDXL (53N88XL) 3AG12LDXL (53N87XL)	<b>REVERSE</b> SEE ABOVE			
<b>LARGE DIAMETER</b> 3SG6LD (57N75SC) 3SG8LD (57N74SC)	3SG10LD (53N88SC) 3SG12LD (53N87SC)				

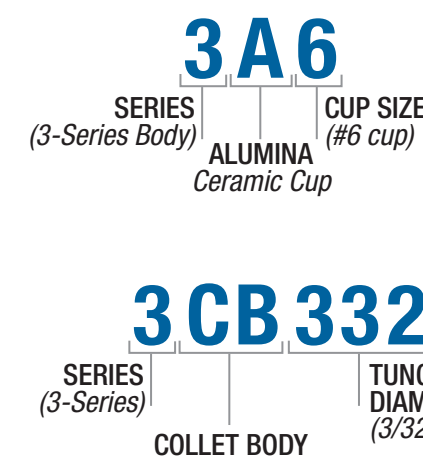
TORCHES USED ON:

- CK150
- CKC150
- CK210
- CK300
- CK510
- TL210
- TL300
- TL18
- TL26
- FL3L
- CK17
- CK18
- CK26

- CKM350
- CWHTL300\*
- CWH350\*
- CWM350\*

\*Heatshield not shown.  
(Contact factory for part number)

**UNDERSTANDING  
CK WORLDWIDE  
PART NUMBERS:**



## 3 SERIES GAS SAVER PARTS

CUP	ADAPTER	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
<b>ALUMINA</b> 3A4GS 3A5GS 3A6GS	<b>WITH SCREEN</b> TAS040GS TAS116GS TAS332GS	<b>STANDARD</b> 3CBGS	<b>WEDGE</b> 3C040GS 3C116GS 3C332GS	<b>STANDARD</b> 3HSGS		<b>LONG</b> 300L (57Y02)
<b>CLEAR</b> 3P8GS	<b>WITHOUT SCREEN</b> TA040GS TA116GS TA332GS					<b>MEDIUM</b> 300M (34015)
<b>STANDARD</b> 2S4 (13N08SC) 2S5 (13N09SC) 2S6 (13N10SC)	<b>WITHOUT SCREEN</b> TA040GS TA116GS TA332GS					<b>SHORT</b> 300S (57Y04)
<b>ALUMINA</b> 2A4GS 2A5GS 2A6GS	<b>WITH SCREEN</b> SEE ABOVE	<b>SHORT</b> 4CBGS	<b>SHORT WEDGE</b> 4C040GS 4C116GS 4C332GS	<b>SHORT</b> 3HSGS		
<b>CLEAR</b> 2P8GS						
<b>GAS LENS</b> 2SG4 (53N58SC) 2SG5 (53N59SC) 2SG6 (53N60SC)	<b>WITHOUT SCREEN</b> SEE ABOVE					
<b>CLEAR</b> 4P18GSLD	<b>LARGE DIAMETER WITH SCREEN</b> TAS040GSLD TAS116GSLD TAS332GSLD	<b>LARGE DIAMETER</b> 4CBGSLD	<b>SHORT WEDGE</b> 4C040GS 4C116GS 4C332GS	<b>LARGE DIAMETER</b> 4HSGSLD		
<b>LARGE DIAMETER</b> 3SG6LD (57N75SC) 3SG8LD (57N74SC) 3SG10LD (53N88SC) 3SG12LD (53N87SC)						

## 4 SERIES STUBBY

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
<b>ALUMINA</b> 2A4 (13N08) 2A5 (13N09) 2A6 (13N10)	<b>SHORT</b> 4CB20 4CB40 4CB116	<b>SHORT</b> 4CB332 4CB418 4CB532	<b>STANDARD</b> 300HS		<b>LONG</b> 300L (57Y02)
<b>CERAMIC</b> 2C4 (13N14) 2C5 (13N15) 2C6 (13N16)	<b>SHORT</b> 2C7 (13N17) 2C8 (13N18) 2C10 (13N19)	<b>SHORT WEDGE</b> 4C040GS 4C116GS 4C332GS			<b>MEDIUM</b> 300M (34015)
<b>CERAMIC-LONG</b> 2C3L (796F70) 2C4L (796F71)	<b>SHORT-GAS LENS</b> 4GL20 4GL40 4GL116	<b>REVERSE</b> REFER TO 3 SERIES			<b>SHORT</b> 300S (57Y04)
<b>ALUMINA-GAS LENS</b> 2AG4 (53N58) 2AG5 (53N59) 2AG6 (53N60)	<b>SHORT-GAS LENS</b> 4GL20 4GL40 4GL116	<b>SHORT WEDGE</b> SEE ABOVE	<b>SHORT-GAS LENS</b> 4GHS		
		<b>REVERSE</b> REFER TO 3 SERIES			

## 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	TYPE	SIZE	PART #
<b>Red</b>	<b>2% Thoriated Tungsten:</b>	.020 x 7" (0.5mm x 175mm)	T0207G12
		.040 x 7" (1.0mm x 175mm)	T0407G12
		1/16 x 7" (1.6mm x 175mm)	T1167G12 T1167G12-3
		3/32 x 7" (2.4mm x 175mm)	T3327G12 T3327G12-3
		1/8 x 7" (3.2mm x 175mm)	T187G12 T187G12-3
		5/32 x 7" (4.0mm x 175mm)	T5327G12
		.020 x 7" (0.5mm x 175mm)	T0207G2
<b>White</b>	<b>.8% Zirconiated Tungsten:</b>	.040 x 7" (1.0mm x 175mm)	T0407G2
		1/16 x 7" (1.6mm x 175mm)	T1167G2 T1167G2-3
		3/32 x 7" (2.4mm x 175mm)	T3327G2 T3327G2-3
		1/8 x 7" (3.2mm x 175mm)	T187G2 T187G2-3
		5/32 x 7" (4.0mm x 175mm)	T5327G2

ISO 6848 COLOR CHART	TYPE	SIZE	PART #
<b>Gold</b>	<b>1.5% Lanthanated Tungsten:</b>	.020 x 7" (0.5mm x 175mm)	T0207G1L
		.040 x 7" (1.0mm x 175mm)	T0407G1L
		1/16 x 7" (1.6mm x 175mm)	T1167G1L T1167G1L-3
		3/32 x 7" (2.4mm x 175mm)	T3327G1L T3327G1L-3
		1/8 x 7" (3.2mm x 175mm)	T187G1L T187G1L-3
		5/32 x 7" (4.0mm x 175mm)	T5327G1L
		.020 x 7" (0.5mm x 175mm)	T0207G2L
		.040 x 7" (1.0mm x 175mm)	T0407G2L
		1/16 x 7" (1.6mm x 175mm)	T1167G2L T1167G2L-3
		3/32 x 7" (2.4mm x 175mm)	T3327G2L T3327G2L-3
		1/8 x 7" (3.2mm x 175mm)	T187G2L T187G2L-3
		5/32 x 7" (4.0mm x 175mm)	T5327G2L

ISO 6848 COLOR CHART	TYPE	SIZE	PART #
<b>Green</b>	<b>Pure Tungsten:</b>	.020 x 7" (0.5mm x 175mm)	T0207G
		.040 x 7" (1.0mm x 175mm)	T0407G
		1/16 x 7" (1.6mm x 175mm)	T1167G T1167G-3
		3/32 x 7" (2.4mm x 175mm)	T3327G T3327G-3
		1/8 x 7" (3.2mm x 175mm)	T187G T187G-3
		5/32 x 7" (4.0mm x 175mm)	T5327G
		.020 x 7" (0.5mm x 175mm)	T0207GTM
		.040 x 7" (1.0mm x 175mm)	T0407GTM
		1/16 x 7" (1.6mm x 175mm)	T1167GTM T1167GTM-3
		3/32 x 7" (2.4mm x 175mm)	T3327GTM T3327GTM-3
		1/8 x 7" (3.2mm x 175mm)	T187GTM T187GTM-3
		5/32 x 7" (4.0mm x 175mm)	T5327GTM

