



DELIVERING THE ULTIMATE IN TIG WELDING PERFORMANCE

ENGINEERED AND BUILT IN THE USA BY CK WORLDWIDE:
THE STANDARD IN TIG WELDING

CK Worldwide Premium TIG Torch

Available Options:

- Flex-Loc™
- Trim-Line™
- CK230



**Exclusive Gas Saver™
Accessory Kit Included**

Textured Torch Handle

Designed for
maximum dexterity

Removable Steady-Grip™ Ergonomic Handle

Adjustable "pistol-grip" for
extreme control and stability

Leather Hose Cover

Protects hoses from dirt, grime, and
other cable-fouling issues

Ball Strain Relief

Articulating strain relief for tight angles
and to prevent cable pinching

MADE IN THE
U.S.A.

Super-Flex™ Cables

The ORIGINAL and most flexible nylon
over-braided cables on the market

Water and Gas Hose Quick Disconnects

Quickly adjust your torch setup, or switch
machines with these water and gas quick disconnects

MADE IN THE U.S.A.



www.CKWORLDWIDE.com

US230

WATER COOLED

230 amp ACHF
or DCSP @ 100%

2 Series Head Accessories



US230 | GAS-SAVER™

HEAD STYLE	CABLE	CABLE LENGTH	SUPER-FLEX #	SPECIFICATIONS
RIGID	SUPER-FLEX	12.5 ft. (3.8m)	US2312SF	9-3/8" (23.8cm)
		25 ft. (7.6m)	US2325SF	4-1/4 oz (120gm) 18" longer argon & water lines
FLEX	SUPER-FLEX	12.5 ft. (3.8m)	US2312SF FX	
		25 ft. (7.6m)	US2325SF FX	

PARTS CONSUMABLES 70 / TORCH 79 / CABLES 54 / ADAPTER/DINSE 45-47 & 50

KIT INCLUDES:

- Textured torch handle
- Steady-Grip™ ergonomic handle
- Ball strain relief
- Super-Flex™ cables
- Leather hose cover
- Gas and water hose quick disconnects
- ULT-2 accessory kit complete with Gas Saver™ parts

USTL300

WATER COOLED

350 amp ACHF
or DCSP @ 100%

3 Series Head Accessories



TRIM-LINE™

USTL300 | TRIM-LINE™

HEAD STYLE	CABLE	CABLE LENGTH	SUPER-FLEX #	SPECIFICATIONS
RIGID	SUPER-FLEX	12.5 ft. (3.8m)	USTL312SF	9-3/8" (23.8cm)
		25 ft. (7.6m)	USTL325SF	5-1/2 oz (155gm) 18" longer argon & water lines
FLEX	SUPER-FLEX	12.5 ft. (3.8m)	USTL312SF FX	
		25 ft. (7.6m)	USTL325SF FX	

PARTS CONSUMABLES 71-72 / TORCH 79 / CABLES 54 / ADAPTER/DINSE 45-47 & 50

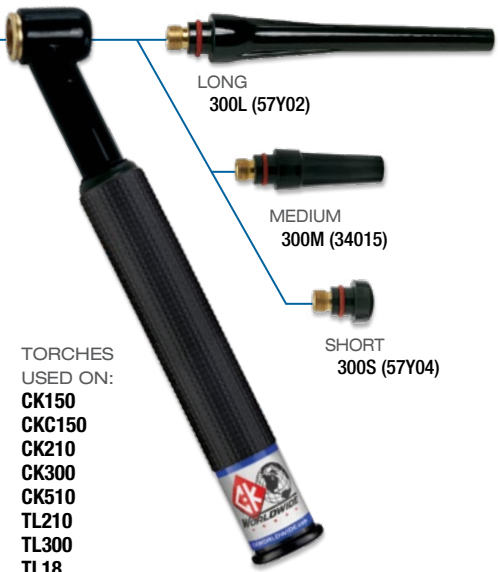
KIT INCLUDES:

- Textured torch handle
- Steady-Grip™ ergonomic handle
- Ball strain relief
- Super-Flex™ cables
- Leather hose cover
- Gas and water hose quick disconnects
- ULT-3 accessory kit complete with Gas Saver™ parts

Note: Measured from heatshield to back of handle, does not include cable or consumable/accessory weight.

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

THREAD PATTERN: 3/8" x 32

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
<p>ALUMINA</p> <p>3A4 (10N50)</p> <p>3A5 (10N49)</p> <p>3A6 (10N48)</p> <p>3A7 (10N47)</p> <p>ALUMINA - LONG</p> <p>3A5L (10N49L)</p> <p>3A6L (10N48L)</p> <p>CERAMIC</p> <p>3C4 (105Z43)</p> <p>3C5 (105Z42)</p> <p>3C6 (105Z44)</p> <p>3C7 (105Z45)</p> <p>CERAMIC - LONG</p> <p>3C4L (12N03)</p> <p>3C5L (105Z60)</p>	<p>STANDARD</p> <p>3CB20 (10N29)</p> <p>3CB40 (10N30)</p> <p>3CB116 (10N31)</p> <p>3CB332 (10N32)</p> <p>3CB418 (10N28)</p> <p>3CB532 (406488)</p>	<p>STANDARD</p> <p>3C20 (10N21)</p> <p>3C40 (10N22)</p> <p>3C116 (10N23)</p> <p>3C332 (10N24)</p> <p>3C418 (10N25)</p> <p>3C532 (54N20)</p> <p>WEDGE</p> <p>3C040GS</p> <p>3C116GS</p> <p>3C332GS</p> <p>3C418GS</p> <p>3C532GS</p> <p>REVERSE</p> <p>7C20</p> <p>7C40</p> <p>7C116</p>	<p>STANDARD</p> <p>300HS</p>		<p>LONG</p> <p>300L (57Y02)</p> <p>MEDIUM</p> <p>300M (34015)</p> <p>SHORT</p> <p>300S (57Y04)</p>
<p>ALUMINA - GAS LENS</p> <p>3AG4 (54N18)</p> <p>3AG5 (54N17)</p> <p>3AG6 (54N16)</p> <p>3AG7 (54N15)</p> <p>3AG8 (54N14)</p> <p>3AG11 (54N19)</p> <p>3AG12</p> <p>ALUMINA LONG - GAS LENS</p> <p>OVERALL LENGTH 3" (7.6cm)</p> <p>3AG5L (54N17L)</p> <p>3AG6L (54N16L)</p> <p>3AG7L (54N15L)</p> <p>3AG8L (54N14L)</p> <p>CERAMIC - GAS LENS</p> <p>3CG4 (54N35)</p> <p>3CG5 (54N34)</p> <p>3CG6 (54N33)</p> <p>3CG7 (54N32)</p> <p>3CG8 (54N31)</p> <p>3CG11 (54N36)</p> <p>3CG14</p>	<p>GAS LENS</p> <p>3GL20 (45V29)</p> <p>3GL40 (45V24)</p> <p>3GL116 (45V25)</p> <p>3GL332 (45V26)</p> <p>3GL418 (45V27)</p> <p>3GL532 (45V28)</p>	<p>STANDARD</p> <p>SEE ABOVE</p> <p>WEDGE</p> <p>SEE ABOVE</p> <p>REVERSE</p> <p>SEE ABOVE</p>	<p>GAS LENS</p> <p>3GHS</p>	<p>TORCHES USED ON:</p> <p>CK150</p> <p>CKC150</p> <p>CK210</p> <p>CK300</p> <p>CK510</p> <p>TL210</p> <p>TL300</p> <p>TL18</p> <p>TL26</p> <p>FL3L</p> <p>CK17</p> <p>CK18</p> <p>CK26</p> <p>CKM350</p> <p>CWHTL300*</p> <p>CWH350*</p> <p>CWM350*</p> <p>*Contact CK Worldwide for heatshield.</p>	
<p>ALUMINA - LARGE DIAMETER</p> <p>3AG6LD (57N75)</p> <p>3AG8LD (57N74)</p> <p>3AG10LD (53N88)</p> <p>3AG11LD (53N89)</p> <p>3AG12LD (53N87)</p> <p>ALUMINA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 2.75" (6.9cm)</p> <p>3AG6LDL (57N75L)</p> <p>3AG8LDL (57N74L)</p> <p>3AG10LDL (53N88L)</p> <p>3AG12LDL (53N87L)</p> <p>ALUMINA EXTRA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 3.25" (8.3cm)</p> <p>3AG6LDXL (57N75XL)</p> <p>3AG8LDXL (57N74XL)</p> <p>3AG10LDXL (53N88XL)</p> <p>3AG12LDXL (53N87XL)</p>	<p>LARGE DIAMETER</p> <p>3GL116LD (45V116)</p> <p>3GL332LD (45V64)</p> <p>3GL418LD (995795)</p> <p>3GL532LD (45V63)</p>	<p>STANDARD</p> <p>SEE ABOVE</p> <p>WEDGE</p> <p>SEE ABOVE</p> <p>REVERSE</p> <p>SEE ABOVE</p>	<p>LARGE DIAMETER</p> <p>3GHSLD</p>		

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

3C332 Size Suffix

3 SERIES CONSUMABLES

ACCESSORIES & PARTS

3 SERIES GAS SAVER TORCH MODELS 17, 18, 26 THREAD PATTERN: 3/8" x 32



CUP	ADAPTER	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
ALUMINA 3A4GS 3A5GS 3A6GS 3A7GS 3A8GS	WITH SCREEN TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS	STANDARD 3CBGS	WEDGE 3C040GS 3C116GS 3C332GS 3C418GS 3C532GS	STANDARD 3HSGS	 <p>TORCHES USED ON: CK150 CKC150 CK210 CK300 CK510 TL210 TL300 TL18 TL26 FL3L CK17 CK18 CK26 MT100* MT400* MT500 CKM350 *Contact CK Worldwide for heatshield.</p>	LONG 300L (57Y02)
CLEAR 3P8GS	WITHOUT SCREEN TA040GS TA418GS TA116GS TA532GS TA332GS					MEDIUM 300M (34015)
ALUMINA 2A4GS 2A7GS 2A5GS 2A8GS 2A6GS	WITH SCREEN <i>SEE ABOVE</i>	SHORT 4CBGS	SHORT WEDGE 4C040GS 4C116GS 4C332GS 4C418GS 4C532GS	SHORT 3HSGS		SHORT 300S (57Y04)
CLEAR 2P8GS	WITHOUT SCREEN <i>SEE ABOVE</i>					
ALUMINA - GAS LENS 2A12GSLD	LARGE DIAMETER WITH SCREEN TAS040GSLD TAS116GSLD TAS332GSLD TAS418GSLD TAS532GSLD	LARGE DIAMETER 4CBGSLD	SHORT WEDGE 4C040GS 4C116GS 4C332GS 4C418GS 4C532GS	LARGE DIAMETER 4HSGSLD		
ALUMINA 4A18GSLD						
CLEAR 4P18GSLD						

4 SERIES STUBBY TORCH MODELS 17, 18, 26 THREAD PATTERN: 3/8" x 32

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	BACKCAP
ALUMINA 2A4 (13N08) 2A5 (13N09) 2A6 (13N10)	2A7 (13N11) 2A8 (13N12) 2A10 (13N13)	SHORT 4CB20 4CB332 4CB40 4CB418 4CB116 4CB532	SHORT 4C20 (10N21S) 4C40 (10N22S) 4C116 (10N23S) 4C332 (10N24S) 4C418 (10N25S) 4C532	STANDARD 300HS	LONG 300L (57Y02)
CERAMIC 2C4 (13N14) 2C5 (13N15) 2C6 (13N16)	2C7 (13N17) 2C8 (13N18) 2C10 (13N19)	SHORT WEDGE 4C040GS 4C418GS 4C116GS 4C532GS 4C332GS			MEDIUM 300M (34015)
CERAMIC - LONG 2C3L (796F70) 2C4L (796F71)	2C5L (796F72) 2C6L (796F73)	REVERSE <i>SEE PAGE 71</i>			SHORT 300S (57Y04)
ALUMINA - GAS LENS 2AG4 (53N58) 2AG5 (53N59) 2AG6 (53N60) 2AG7 (53N61)	2AG8 (53N61S) 2AG10	SHORT - GAS LENS 4GL20 4GL332 4GL40 4GL418 4GL116 4GL532	SHORT <i>SEE ABOVE</i> SHORT WEDGE <i>SEE ABOVE</i>	SHORT - GAS LENS 4GHS	
ALUMINA LONG - GAS LENS 2AG5L (53N59L) 2AG6L (53N60L) 2AG7L (53N61L)		REVERSE <i>SEE PAGE 71</i>			

TORCHES USED ON:
CK150
CKC150
CK210
CK300
CK510
TL210
TL300
TL18
TL26
FL3L
CK17
CK18
CK26
CKM350
CWHTL300*
CWH350*
CWM350*
 *Contact CK Worldwide for heatshield.

FLEX-LOC™ TORCH REPLACEMENT PARTS

FLEX-LOCK HEAD OPTIONS	FL2L TORCH HEAD <i>Comes complete with 2GHS heatshield and 01-0009 screw with O-Ring</i>		FL3L TORCH HEAD <i>Comes complete with 300HS heatshield and 01-0009 screw with O-Ring</i>	
	TORCHES USED ON: FL130 FL130V FL230	2GHS Heatshield 300R O-Ring 01-0009 (Includes O-Ring)	TORCHES USED ON: FL150 FL150V FL250	300HS Heatshield 300R O-Ring 01-0009 (Includes O-Ring)
TORCH BODY GAS COOLED	FLTBA COMPLETE BODY	FLGB Torch Body 01-0002 (2 required) O-Rings	HS Torch Handle	
	FLTBAV COMPLETE BODY + VALVE	FLGBV Valved Torch Body 01-0012 O-Ring 01-0002 (2 required) O-Rings	FLHV 01-0013 O-Ring included	FLHV2 Torch Handle
TORCH BODY WATER COOLED	FLTBAW COMPLETE BODY	FLWB Torch Body (includes O-Rings) 01-0002 (2 required) O-Rings	HS Torch Handle	

FLEX-LOC 2 SERIES MODELS FL130 & FL230

FL130 & FL130V | GAS COOLED | 130 AMP

DESCRIPTION	ORDER #	DETAILS
2 Series Flex-Loc Head	FL2L	Complete with 2GHS & 01-0009 screw
Heatshield for FL2L	2GHS	
Screw with O-Ring	01-0009	Includes 300R O-ring
Torch Body	FLGB	Includes two O-rings (01-0002)
Valved Torch Body	FLGBV	
Torch Handle	HS	For non-valved torch
Valved Torch Handle	FLHV2	For valved torch
Complete Body	FLTBA	Includes body, handle, and O-rings
Complete Valve Body	FLTBAV	Includes body, valve, handle, & O-rings

FL230 | WATER COOLED | 230 AMP

DESCRIPTION	ORDER #	DETAILS
2 Series Flex-Loc Head	FL2L	Complete with 2GHS & 01-0009 screw
Heatshield for FL2L	2GHS	
Screw with O-Ring	01-0009	Includes 300R O-ring
Torch Body	FLWB	Includes two O-rings (01-0002)
Torch Handle	HS	
Complete Body	FLTBAW	Includes body, handle, and O-rings

FLEX-LOC 3 SERIES MODELS FL150 & FL250

FL150 & FL150V | GAS COOLED | 150 AMP

DESCRIPTION	ORDER #	DETAILS
3 Series Flex-Loc Head	FL3L	Complete with 300HS & 01-0009 screw
Heatshield for FL3L	300HS	
Screw with O-Ring	01-0009	Includes 300R O-ring
Torch Body	FLGB	Includes two O-rings (01-0002)
Valved Torch Body	FLGBV	
Torch Handle	HS	For non-valved torch
Valved Torch Handle	FLHV2	For valved torch
Complete Body	FLTBA	Includes body, handle, and O-rings
Complete Valve Body	FLTBAV	Includes body, valve, handle, & O-rings

FL250 | WATER COOLED | 250 AMP

DESCRIPTION	ORDER #	DETAILS
3 Series Flex-Loc Head	FL3L	Complete with 300HS & 01-0009 screw
Heatshield for FL3L	300HS	
Screw with O-Ring	01-0009	Includes 300R O-ring
Torch Body	FLWB	Includes two O-rings (01-0002)
Torch Handle	HS	
Complete Body	FLTBAW	Includes body, handle, and O-rings

CK18, CK300 WATER COOLED

STANDARD POWER CABLE



SUPER-FLEX POWER CABLE



STANDARD TRI-FLEX CABLES



ARGON HOSE

WATER HOSE

LENGTH	STANDARD	SUPER-FLEX
	POWER CABLE	POWER CABLE
12-1/2 ft. (3.8m)	312PC (40V64)	312PCSF (40V64SF)
25 ft. (7.6m)	325PC (41V29)	325PCSF (41V29SF)

LENGTH	TRI-FLEX CABLES	3-PIECE ASSEMBLY
	12-1/2 ft. (3.8m)	312TF
25 ft. (7.6m)	325TF	325SF

LENGTH	WATER HOSE	WATER HOSE
	12-1/2 ft. (3.8m)	312WH (40V74)
25 ft. (7.6m)	325WH (41V32)	325WHSF (41V32SF)

LENGTH	ARGON HOSE	ARGON HOSE
	12-1/2 ft. (3.8m)	312AH (40V75)
25 ft. (7.6m)	325AH (41V30)	325AHSF (41V30SF)

CK230, TL18, TL300 WATER COOLED

STANDARD POWER CABLE



SUPER-FLEX POWER CABLE



STANDARD TRI-FLEX CABLES



ARGON HOSE

WATER HOSE

LENGTH	STANDARD	SUPER-FLEX
	POWER CABLE	POWER CABLE
12-1/2 ft. (3.8m)	2312PC	2312PCSF
25 ft. (7.6m)	2325PC	2325PCSF

LENGTH	TRI-FLEX CABLES	3-PIECE ASSEMBLY
	12-1/2 ft. (3.8m)	2312TF
25 ft. (7.6m)	2325TF	2325SF

LENGTH	WATER HOSE	WATER HOSE
	12-1/2 ft. (3.8m)	212WH (45V07)
25 ft. (7.6m)	225WH (45V08)	225WHSF (45V08SF)

LENGTH	ARGON HOSE	ARGON HOSE
	12-1/2 ft. (3.8m)	212AH (45V09)
25 ft. (7.6m)	225AH (45V10)	225AHSF (45V10SF)