



# 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

Flex-Loc™



TrimLine™



## Removable Steady-Grip™ Ergonomic Handle

Adjustable "pistol-grip" for  
extreme control and stability

## Textured Torch Handle

Designed for  
maximum dexterity

## 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

## 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.**

Exclusive Gas Saver™  
Accessory Kit Included



[www.CKWORLDWIDE.com](http://www.CKWORLDWIDE.com)



30 AMP

# USFL130

GAS COOLED  
130 amp ACHF or DCSP @ 100%  
2 Series Head Accessories

## USFL130 | FLEX-LOC™

HEAD STYLE	CABLE	CABLE LENGTH	SUPER-FLEX #	SPECIFICATIONS
FLEX-LOC FL130 FL2L	SUPER -FLEX	12.5 ft. (3.8m)	USFL1312SF	8-5/8" (21.9cm) 5-1/4 oz (150gm)
		25 ft. (7.6m)	USFL1325SF	

PARTS CONSUMABLES 70 / TORCH 78 / CABLES 53 / ADAPTER/DINSE 45-47 & 50

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



360° HEAD ROTATION



- KIT INCLUDES:
- Textured torch handle
  - Steady-Grip™ ergonomic handle
  - Ball strain relief
  - Super-Flex™ cable
  - Leather hose cover
  - ULT-FL accessory kit complete with Gas Saver™ parts

GAS COOLED

150 AMP

# USFL150

GAS COOLED  
150 amp ACHF or DCSP @ 100%  
3 Series Head Accessories

## USFL150 | FLEX-LOC™

HEAD STYLE	CABLE	CABLE LENGTH	SUPER-FLEX #	SPECIFICATIONS
FLEX-LOC FL150 FL3L	SUPER -FLEX	12.5 ft. (3.8m)	USFL1512SF	9-1/8" (23.2cm) 6-1/3 oz (180gm)
		25 ft. (7.6m)	USFL1525SF	

PARTS CONSUMABLES 71-72 / TORCH 78 / CABLES 53 / ADAPTER/DINSE 45-47 & 50

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



360° HEAD ROTATION



- KIT INCLUDES:
- Textured torch handle
  - Steady-Grip™ ergonomic handle
  - Ball strain relief
  - Super-Flex™ cable
  - Leather hose cover
  - ULT-FL accessory kit complete with Gas Saver™ parts

MADE IN THE U.S.A.

# 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) 3A5 (10N49) 3A6 (10N48) 3A7 (10N47)</p> <p>3A8 (10N46) 3A10 (10N45) 3A12 (10N44)</p> <p>ALUMINA - LONG</p> <p>3A5L (10N49L) 3A6L (10N48L)</p> <p>3A7L (10N47L)</p> <p>CERAMIC</p> <p>3C4 (105Z43) 3C5 (105Z42) 3C6 (105Z44) 3C7 (105Z45)</p> <p>3C8 (08N78) 3C10 (08N79) 3C12 (08N80)</p> <p>CERAMIC - LONG</p> <p>3C4L (12N03) 3C5L (105Z60)</p> <p>3C6L (12N02) 3C7L (105Z61)</p>	<p>STANDARD</p> <p>3CB20 (10N29) 3CB40 (10N30) 3CB116 (10N31) 3CB332 (10N32) 3CB418 (10N28) 3CB532 (406488)</p>	<p>STANDARD</p> <p>3C20 (10N21) 3C40 (10N22) 3C116 (10N23) 3C332 (10N24) 3C418 (10N25) 3C532 (54N20)</p> <p>WEDGE</p> <p>3C040GS 3C116GS 3C332GS</p> <p>3C418GS 3C532GS</p> <p>REVERSE</p> <p>7C20 7C40 7C116</p> <p>7C332 7C418 7C532</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) 3AG5 (54N17) 3AG6 (54N16)</p> <p>3AG7 (54N15) 3AG8 (54N14) 3AG11 (54N19) 3AG12</p> <p>ALUMINA LONG - GAS LENS</p> <p>OVERALL LENGTH 3" (7.6cm)</p> <p>3AG5L (54N17L) 3AG6L (54N16L) 3AG7L (54N15L) 3AG8L (54N14L)</p> <p>CERAMIC - GAS LENS</p> <p>3CG4 (54N35) 3CG5 (54N34) 3CG6 (54N33) 3CG7 (54N32) 3CG8 (54N31)</p> <p>3CG11 (54N36) 3CG14</p>	<p>GAS LENS</p> <p>3GL20 (45V29) 3GL40 (45V24) 3GL116 (45V25) 3GL332 (45V26) 3GL418 (45V27) 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 CKC150 CK210 CK300 CK510 TL210 TL300 TL18 TL26 FL3L CK17 CK18 CK26 CKM350 CWH1300* CWH350* CWM350*</p> <p>*Contact CK Worldwide for heatshield.</p>	
<p>ALUMINA - LARGE DIAMETER</p> <p>3AG6LD (57N75) 3AG8LD (57N74) 3AG10LD (53N88) 3AG11LD (53N89) 3AG12LD (53N87)</p> <p>ALUMINA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 2.75" (6.9cm)</p> <p>3AG6LDL (57N75L) 3AG8LDL (57N74L) 3AG10LDL (53N88L) 3AG12LDL (53N87L)</p> <p>ALUMINA EXTRA LONG - LARGE DIAMETER</p> <p>OVERALL LENGTH 3.25" (8.3cm)</p> <p>3AG6LDXL (57N75XL) 3AG8LDXL (57N74XL) 3AG10LDXL (53N88XL) 3AG12LDXL (53N87XL)</p>	<p>LARGE DIAMETER</p> <p>3GL116LD (45V116) 3GL332LD (45V64) 3GL418LD (995795) 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 & PARTS ACCESSORIES

### 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:  <b>CK150</b>  <b>CKC150</b>  <b>CK210</b>  <b>CK300</b>  <b>CK510</b>  <b>TL210</b>  <b>TL300</b>  <b>TL18</b>  <b>TL26</b>  <b>FL3L</b>  <b>CK17</b>  <b>CK18</b>  <b>CK26</b>  <b>MT100*</b>  <b>MT400*</b>  <b>MT500</b>  <b>CKM350</b>                      *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	<b>FL2L</b> TORCH HEAD <i>Comes complete with 2GHS heatshield and 01-0009 screw with O-Ring</i>		<b>FL3L</b> TORCH HEAD <i>Comes complete with 300HS heatshield and 01-0009 screw with O-Ring</i>	
	TORCHES USED ON: <b>FL130</b> <b>FL130V</b> <b>FL230</b>	2GHS Heatshield 300R O-Ring 01-0009 (Includes O-Ring)	TORCHES USED ON: <b>FL150</b> <b>FL150V</b> <b>FL250</b>	300HS Heatshield 300R O-Ring 01-0009 (Includes O-Ring)
TORCH BODY GAS COOLED	<b>FLTBA</b> COMPLETE BODY	<b>FLGB</b> Torch Body 01-0002 (2 required) O-Rings	<b>HS</b> Torch Handle	
	<b>FLTBAV</b> COMPLETE BODY + VALVE	<b>FLGBV</b> Valved Torch Body 01-0012 O-Ring 01-0002 (2 required) O-Rings	<b>FLHV</b> 01-0013 O-Ring included	<b>FLHV2</b> Torch Handle
TORCH BODY WATER COOLED	<b>FLTBAW</b> COMPLETE BODY	<b>FLWB</b> Torch Body (includes O-Rings) 01-0002 (2 required) O-Rings	<b>HS</b> Torch Handle	

## FLEX-LOC 2 SERIES MODELS FL130 & FL230

**FL130 & FL130V | GAS COOLED | 130 AMP**

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

**FL230 | WATER COOLED | 230 AMP**

DESCRIPTION	ORDER #	DETAILS
2 Series Flex-Loc Head	<b>FL2L</b>	Complete with 2GHS & 01-0009 screw
Heatshield for FL2L	<b>2GHS</b>	
Screw with O-Ring	<b>01-0009</b>	Includes 300R O-ring
Torch Body	<b>FLWB</b>	Includes two O-rings (01-0002)
Torch Handle	<b>HS</b>	
Complete Body	<b>FLTBAW</b>	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	<b>FL3L</b>	Complete with 300HS & 01-0009 screw
Heatshield for FL3L	<b>300HS</b>	
Screw with O-Ring	<b>01-0009</b>	Includes 300R O-ring
Torch Body	<b>FLGB</b>	Includes two O-rings (01-0002)
Valved Torch Body	<b>FLGBV</b>	
Torch Handle	<b>HS</b>	For non-valved torch
Valved Torch Handle	<b>FLHV2</b>	For valved torch
Complete Body	<b>FLTBA</b>	Includes body, handle, and O-rings
Complete Valve Body	<b>FLTBAV</b>	Includes body, valve, handle, & O-rings

**FL250 | WATER COOLED | 250 AMP**

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

## CKCI50 GAS COOLED

1 PIECE STANDARD POWER CABLE



1/8" x 28 BSP

5/8" x 18 RH

1 PIECE SUPER-FLEX POWER CABLE



1/8" x 28 BSP

5/8" x 18 RH

2 PIECE STANDARD POWER CABLE

ARGON HOSE



1/8" x 28 BSP

5/8" x 18 RH

WELD LEAD

2 PIECE SUPER-FLEX POWER CABLE

ARGON HOSE



1/8" x 28 BSP

5/8" x 18 RH

WELD LEAD

	STANDARD	SUPER-FLEX
LENGTH	1 PIECE CABLE	1 PIECE CABLE
12-1/2 ft. (3.8m)	<b>1512PCCM</b>	<b>1512PCCMSF</b>
25 ft. (7.6m)	<b>1525PCCM</b>	<b>1525PCCMSF</b>
LENGTH	2 PIECE CABLES	2 PIECE CABLES
12-1/2 ft. (3.8m)	<b>1512PCNM</b>	<b>1512PCNSFM</b>
25 ft. (7.6m)	<b>1525PCNM</b>	<b>1525PCNSFM</b>
LENGTH	WELD LEAD	
12-1/2 ft. (3.8m)	<b>1512CNM</b>	
25 ft. (7.6m)	<b>1525CNM</b>	
LENGTH	ARGON HOSE	ARGON HOSE
12-1/2 ft. (3.8m)	<b>212AH</b>	<b>212AHSF</b>
25 ft. (7.6m)	<b>225AH</b>	<b>225AHSF</b>

## FLI30, FLI50 GAS COOLED

1 PIECE STANDARD POWER CABLE



1/8" x 28 BSP

3/8" x 24 RH

1 PIECE SUPER-FLEX POWER CABLE



1/8" x 28 BSP

3/8" x 24 RH

	STANDARD	SUPER-FLEX
LENGTH	1 PIECE CABLE	1 PIECE CABLE
12-1/2 ft. (3.8m)	<b>1512PCHFM</b>	<b>1512PCSFM</b>
25 ft. (7.6m)	<b>1525PCHFM</b>	<b>1525PCSFM</b>