



**THE STANDARD
IN TIG WELDING**

OZMO & CUT-DOWN TORCHES

CK Worldwide has introduced a line of low profile production TIG Torch consumables designed for use on Model 24 (80A) and Model 24W (180A) 8 Series Linde Style TIG Torches.

Developed in conjunction with the Navy and Puget Sound Naval Shipyard, the consumables are also offered with complete torch packages. A proprietary gas lens, shortened collet, heat shield and stubby Alumina nozzle can also be ordered individually or as a kit.



CK Worldwide, Inc
P.O. Box 1636, Auburn, WA 98071 USA
Phone: 1.800.426.0877
Fax: 1.800.327.5038

Form 457
www.CKWORLDWIDE.com

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OZMO TORCH CK EXCLUSIVE

80AMP OZMO TORCH GAS-COOLED

HEAD STYLE	CABLE	LENGTH	SUPERFLEX #
Gas-Cooled Rigid	1 Piece	12½ ft. (3.8m)	CK24-12SF-OZMO
		25 ft. (7.6m)	CK24-25SF-OZMO

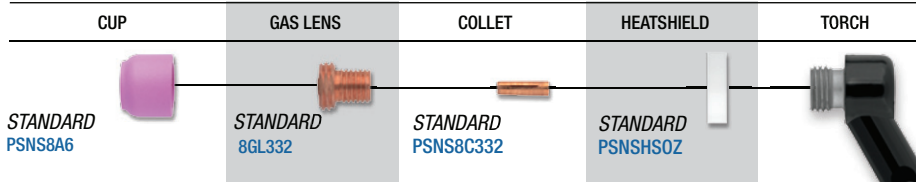
180AMP OZMO TORCH WATER-COOLED

HEAD STYLE	CABLE	LENGTH	SUPERFLEX #
Water-Cooled Rigid	3 Piece	12½ ft. (3.8m)	CK24W-12SF-OZMO
		25 ft. (7.6m)	CK24W-25SF-OZMO

KIT-OZMO INCLUDES:

- 5 of 3/32" (2.4mm) Tungsten
- 2 Alumina Cups
- 2 Collets
- 2 Gas Lens
- 1 Heatshield

Kit Part #
KIT-OZMO



8.5" (21.6cm)

TORCHES USED ON:
CK24
CK24W
CK80
CK90
CK180

80AMP OZMO REPLACEMENT PARTS:

Torch Body: CK24 Handle: HS Cables: 45*

*GAS-COOLED OZMO uses the same Power Cables as the CK24

180AMP OZMO REPLACEMENT PARTS:

Torch Body: CK24W Handle: HS Cables: 46**

**WATER-COOLED OZMO uses the same Power Cables as the CK24W

GAS FLOW RATE:

All Position: 16–20 CFH

TUNGSTEN EXTENSION:

All Position: 1/4" max

ASSEMBLY INSTRUCTIONS:

Tighten gas lens with a wrench beyond finger tight.

CUT-DOWN GTAW TORCH CK EXCLUSIVE

80AMP CUT-DOWN GTAW TORCH GAS-COOLED

HEAD STYLE	CABLE	LENGTH	SUPERFLEX #
Gas-Cooled Rigid	1 Piece	12½ ft. (3.8m)	CK24-12SF-CD
		25 ft. (7.6m)	CK24-25SF-CD

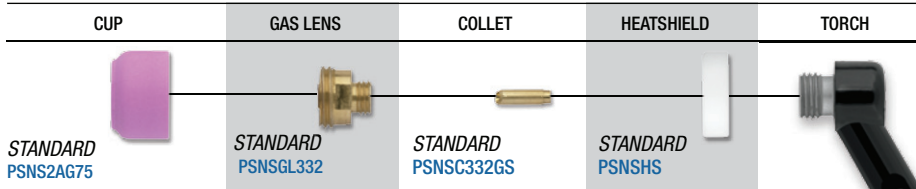
180AMP CUT-DOWN GTAW TORCH WATER-COOLED

HEAD STYLE	CABLE	LENGTH	SUPERFLEX #
Water-Cooled Rigid	3 Piece	12½ ft. (3.8m)	CK24W-12SF-CD
		25 ft. (7.6m)	CK24W-25SF-CD

KIT-CD INCLUDES:

- 5 of 3/32" (2.4mm) Tungsten
- 2 Alumina Cups
- 2 Collets
- 2 Gas Lens
- 1 Heatshield

Kit Part #
KIT-CD



8.5" (21.6cm)

TORCHES USED ON:
CK24
CK24W
CK80
CK90
CK180

51 SERIES TORCH MODELS CK510

CUP	COLLET BODY	NOSE BLOCK	COLLET	HEATSHIELD	TORCH	BACKCAP
ALUMINA 3AG6LD (57N75) 3AG8LD (57N74) 3AG10LD (53N88) 3AG11LD (53N89) 3AG12LD (53N87)	STANDARD 51GL116 51GL332 51GL418 51GL532 51GL316 51GL1400	STANDARD ANT35 (2310-1938)	STANDARD A116C35 (2304-0088) A332C35 (2304-0089) A418C35 (2304-0090) A532C35 (2304-0091) A316C35 (2304-0146)	STANDARD 510HS	<p>TORCHES USED ON: CK510</p>	LONG 300L (57Y02)
						COLLET CAP 514CCL FOR 1/4" (6.4MM)

- Nose block and collet are not needed when using 1/4" (6.4mm) tungsten.
- 3 Series head accessories can be used when welding at 400 amps or less

8 SERIES TORCH MODELS 24, 24W

CUP	COLLET BODY	COLLET	HEATSHIELD	TORCH	
CERAMIC 8C4 (53N24) 8C5 (53N25)	8C6 (53N27)	STANDARD 8CB20 (53N17) 8CB40 (53N18) 8CB116 (53N19) 8CB332 (24CB332)	STANDARD 8C20 (53N15) 8C40 (53N16) 8C116 (53N14) 8C332 (24C332)	STANDARD 80THS	<p>TORCHES USED ON: CK80 CK90 CK180 CWH180 CK24 CK24W</p>
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)	GAS LENS 2GL20 (45V41) 2GL40 (45V42) 2GL116 (45V43) 2GL332 (45V44)	GAS LENS 8CG20 (53N62) 8CG40 (53N63) 8CG116 (53N64) 8CG332 (24GLC332)	GAS LENS 8GHS	
ALUMINA LONG - GAS LENS 2AG5L (53N59L) 2AG6L (53N60L)	2AG7L (53N61L)				
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)				

TUNGSTEN ELECTRODE CONVERSION CHART

SIZE SUFFIX	INCH	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

2C332
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 Size Suffix

9 SERIES TURBINE TORCH CKT200

CLEAR CUP			
SIZE	ORIFICE	LENGTH	ORDER#
4	1/4 in. (6.35mm)	.700 in. (17.78mm)	9G2



FOR 1/16" (1.6 mm) TUNGSTEN

ORDER #
CC116

FOR 3/32" (2.4mm) TUNGSTEN

ORDER #
CC332

ORDER #
9R2