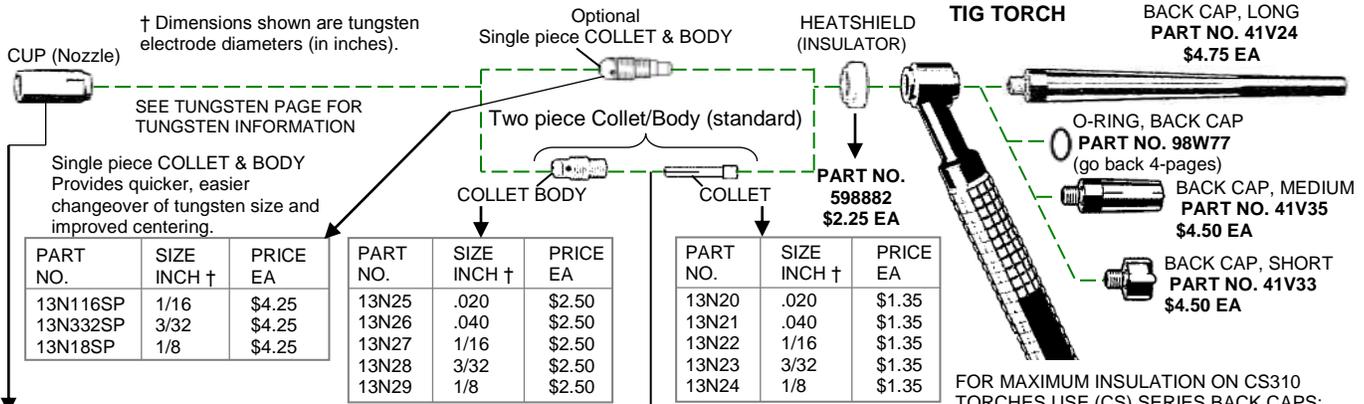


TIG CONSUMABLES - NO. 2 (small) SERIES



† Dimensions shown are tungsten electrode diameters (in inches).

SEE TUNGSTEN PAGE FOR TUNGSTEN INFORMATION

Single piece COLLET & BODY Provides quicker, easier changeover of tungsten size and improved centering.

PART NO.	SIZE INCH †	PRICE EA
13N116SP	1/16	\$4.25
13N332SP	3/32	\$4.25
13N18SP	1/8	\$4.25

PART NO.	SIZE INCH †	PRICE EA
13N25	.020	\$2.50
13N26	.040	\$2.50
13N27	1/16	\$2.50
13N28	3/32	\$2.50
13N29	1/8	\$2.50

PART NO.	SIZE INCH †	PRICE EA
13N20	.020	\$1.35
13N21	.040	\$1.35
13N22	1/16	\$1.35
13N23	3/32	\$1.35
13N24	1/8	\$1.35

FOR MAXIMUM INSULATION ON CS310 TORCHES USE (CS) SERIES BACK CAPS:
 LONG, Part No. CS110-BCL \$12.95 EA
 MEDIUM Part No. CS110-BCM \$11.95 EA
 SHORT Part No. CS110-BCS \$10.95 EA

#2 (SMALL) SERIES CONSUMABLES FIT ALL 9, 20 & 25 SERIES TIG TORCHES, E.G., ROTO-HEAD WTR-9 & 20 SERIES, MODULAR SMALL, WATER COOLED #9 #9-70 (SF-225), #20, #25, #CS310, #FL2L

Alumina Nozzles, made from high strength alumina materials, have very good electrical insulating properties; exceptionally high impact resistance, heat resistance and thermal conductivity; and resist spatter build-up. They are recommended for most welding operations except for use in confined areas.

Lava Nozzles, made from Grade "A" lava materials, are less shock- and heat-resistant than alumina nozzles but will give good service for general applications. They also perform well in confined areas where excessive heat is reflected back into the nozzle. Care must be taken in handling the more fragile Lava nozzles.

DESCRIPTION	PART NO	PRICE EA.	SIZE	ORIFICE	
ALUMINA NOZZLES 1-5/32" LG.	13N08	\$2.20	4	1/4"	
	13N09	\$2.20	5	5/16"	
	13N10	\$2.20	6	3/8"	
	13N11	\$2.20	7	7/16"	
	13N12	\$2.20	8	1/2"	
	13N13	\$2.20	10	5/8"	
LAVA NOZZLES 1-5/32" LG.	13N14	\$6.50	4	1/4"	
	13N15	\$6.50	5	5/16"	
	13N16	\$6.50	6	3/8"	
	13N17	\$6.50	7	7/16"	
	13N18	\$6.50	8	1/2"	
	13N19	\$6.50	10	5/8"	
LONG LAVA NOZZLES 1-7/8" LG.	796F70	\$9.60	3L	3/16"	
	796F71	\$9.60	4L	1/4"	
	796F72	\$9.60	5L	5/16"	
	796F73	\$9.60	6L	3/8"	
	2-1/2" LG.	796F74	\$11.95	3XL	3/16"
		796F75	\$11.95	4XL	1/4"
796F76		\$11.95	5XL	5/16"	
796F77		\$11.95	6XL	3/8"	

DESCRIPTION	PART NO	PRICE EA.	SIZE	ORIFICE
ALUMINA GAS LENS NOZZLES 1" LG.	53N58	\$2.45	4	1/4"
	53N59	\$2.45	5	5/16"
	53N60	\$2.45	6	3/8"
	53N61	\$2.45	7	7/16"
	53N61S	\$2.45	Short	1/2"
LARGE DIAMETER GAS LENS NOZZLE	57N75	See #3	6	3/8"
	57N74	(large)	8	1/2"
	53N88	Series	10	5/8"
	53N87	For	12	3/4"
	53N89	Prices	Short	15/16"

Optional - GAS LENS COLLET BODIES

The gas lens virtually eliminates turbulence in the gas shielding stream as it emerges from the nozzle. The result is better shielding patterns; also the long stable stream allows the electrode to be extended farther beyond the end of the nozzle for improved visibility of the weld zone. DO NOT USE WITH AC HIGH FREQUENCY

Optional - LARGE DIAMETER GAS LENS COLLET BODY ‡

PART NO	SIZE INCH †	PRICE EA.
45V0204S	.020/.040	\$32.20
45V116S	1/16	\$32.20
45V64S	3/32	\$32.20

Use together

Optional - LARGE DIAMETER GAS LENS COLLETS ‡

PART NO	SIZE INCH †	PRICE EA.
13N20L	.020	\$3.50
13N21L	.040	\$3.50
13N22L	1/16	\$3.50
13N23L	3/32	\$3.50

‡ REQUIRES: Insulator, Heat Shield, PART NO. 54N63-20 (not shown), \$18.50 Ea.



PART NO. AK-1 \$47.50 EA

- 1 Long Back Cap
- †2 Collets .040", 1/16"
- †2 Collet Bodies .040", 1/16"
- 3 Alumina Nozzles 4,5,6
- 2 Tungsten Electrodes 2% .040", 1/16" x 7"

PART NO. AK-4 \$69.50 EA

- 1 Long Back Cap
- †3 Collets 1/16", 3/32", 1/8"
- †3 Collet Bodies 1/16", 3/32", 1/8"
- 3 Alumina Nozzles 5, 6, 7
- 3 Tungsten Electrodes 2% 1/16", 3/32", 1/8" x 7"



Starter Kit
 PART NO. MAK-1S
 PRICE: \$178.50 EA

- † 12 Collets: (2) .040", (4) 1/16", (4) 3/32", (2) 1/8"
 - † 7 Collet Bodies: (1) .040", (2) 1/16", (2) 3/32", (2) 1/8"
 - † 4 Gas Lenses: (1) .040", (1) 1/16", (1) 3/32", (1) 1/8"
 - 4 Back Caps: (1) short, (2) medium, (1) long
 - 1 Cup Gasket
 - 4 Back Cap O-Rings
 - 10 Wire Clamps
- TUNGSTEN & CUPS NOT INCLUDED

SPOT-WELD CONVERSION KIT
 Used for No. 3 Series TIG Torches (only)



KIT SWK-1 Price: \$102.75 Ea.
 Can be used on WP-17, 18, 26, or equivalent Torches. Note: A spot weld timer is required on the welding machine to control the spot weld cycle time. Consists of:

- 1 Flat Locator SW-186
- 1 Inside corner locator SW-185
- 1 Outside corner locator SW-182
- 1 Ceramic insulator SW-180
- 1 Push knob SW-181



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