

TIGMASTER®

ROTO HEAD TIG TORCH



These exciting i-Head torches give new meaning to versatility in TIG welding. The Roto-Head models feature a torch head that rotates 360°. When in the desired position the head is locked firmly in place. The unique angled torch body allows access to tight weld locations.

All torch bodies and heads are made with resilient high temperature silicone rubber insulation that resist "HF" current leakage, chipping, cracking, and withstands temperatures to 500°F.

The water-cooled models are available in deluxe packages featuring soft braided rubber hoses, power cable and a glove soft leather protective cable cover.

Water Cooled Deluxe Torch Packages

The water cooled models are available in Deluxe packages that include: torch body, heads, fluted handle, soft braided rubber hoses and power cable assembly, premium leather cable cover, 3/32" collet and collet body, tungsten electrode, #6 alumina nozzle, and back caps.

Specifications

	Air Cooled	Water Cooled
Maximum Amperage Capacity (AC-DCSP)	125 or 150 AMPS	230 AMPS
Tungsten Size Capacity	.020" - 1/8" (0.5-3.2mm)	.020" - 5/32" (0.5-4.0mm)
Maximum Tungsten Length	7" (178mm)	7" (178mm)
Cooling Requirements	-	1 Qt./min. (.946L/min)
Maximum Coolant Pressure	-	50 psi (345 Kpa)



920-R 90° Head



1718-R 90° Head

120 amps - Air Cooled (920R Head)

WTR-9-12R	12½ ft. Torch Package
WTR-9-12-2	12½ ft. Torch Package - 2pc. Cable
WTR-9-25R	25 ft. Torch Package
WTR-9-25-2	25 ft. Torch Package - 2pc. Cable
WTR-9V-12R	12½ ft. Torch Package w/valve
WTR-9V-12-2	12½ ft. Torch Package - 2pc., w/valve
WTR-9V-25R	25 ft. Torch Package w/valve
WTR-9V-25-2	25 ft. Torch Package - 2pc., w/valve

150 amps - Air Cooled (1718R Head)

WTR-17-12R	12½ ft. Torch Package
WTR-17-12-2	12½ ft. Torch Package - 2pc. Cable
WTR-17-25R	25 ft. Torch Package
WTR-17-25-2	25 ft. Torch Package - 2pc. Cable
WTR-17V-12R	12½ ft. Torch Package w/valve
WTR-17V-12-2	12½ ft. Torch Package - 2pc., w/valve
WTR-17V-25R	25 ft. Torch Package w/valve
WTR-17V-25-2	25 ft. Torch Package - 2pc., w/valve

230 amps - Water Cooled (920R Head)

WTR-20-12DX	12½ ft. Deluxe Torch Package
WTR-20-25DX	25 ft. Deluxe Torch Package

230 amps - Water Cooled (1718R Head)

WTR-18-12DX	12½ ft. Deluxe Torch Package
WTR-18-25DX	25 ft. Deluxe Torch Package



INDEPENDENT WHOLESALE WELDING SUPPLY

Ph: 02 8834 2400 Fax: 02 8834 2498 Email: iwws@iwws.net Website: www.iwws.net

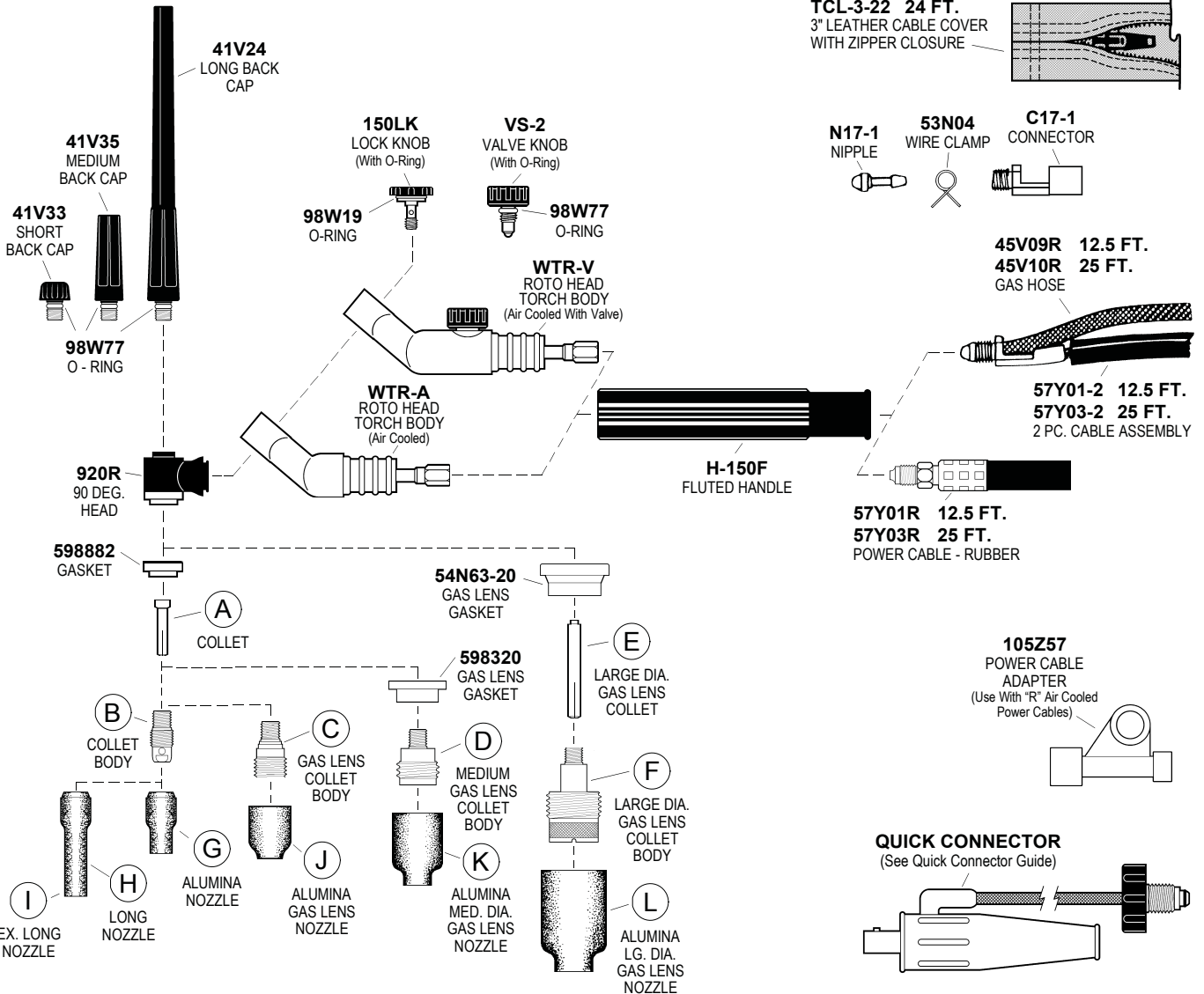
TIGMASTER®

i-HEAD®

ROTO - HEAD REPLACEMENT PARTS

WTR-9 • WTR-9V 125 AMPS AIR COOLED

CAUTION
Head must be locked firmly before starting arc.



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COLLETS • COLLET BODIES • GAS LENS GAS NOZZLES

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4	1/8 3,2
A	COLLET	13N20	13N21	13N22	13N23	13N24
B	COLLET BODY	13N25	13N26	13N27	13N28	13N29
C	GAS LENS	45V41	45V42	45V43	45V44	45V45
D	MED. DIA. GAS LENS	—	—	45V35SW	45V36SW	45V37SW
E	LG. DIA. GAS LENS COLLET	13N20L	13N21L	13N22L	13N23L	13N24L
F	LG. DIA. GAS LENS	45V0204S		45V116S	45V64S	995795S

ITEM	NO. SIZE	3 3/16"	4 1/4"	5 5/16"	6 3/8"	7 7/16"	8 1/2"	10 5/8"	11 11/16"	12 3/4"
G	ALUMINA	—	13N08	13N09	13N10	13N11	13N12	13N13	—	—
H	LONG 1 7/8"	796F70A	796F71A	796F72A	796F73A	—	—	—	—	—
I	EX. LONG 2 1/2"	796F74A	796F75A	796F76A	796F77A	—	—	—	—	—
J	ALUMINA GAS LENS	—	53N58	53N59	53N60	53N61	53N61S	—	—	—
K	ALUMINA MED. DIA. GAS LENS	—	—	—	—	54N15SW	54N14SW	54N12SW	54N19	—
L	ALUMINA LG. DIA. GAS LENS	—	—	—	57N75	—	57N74	53N88	—	53N87*

Specifications and descriptions subject to change without notice.

* #15 53N89 15/16" ID X 1 7/8" Long



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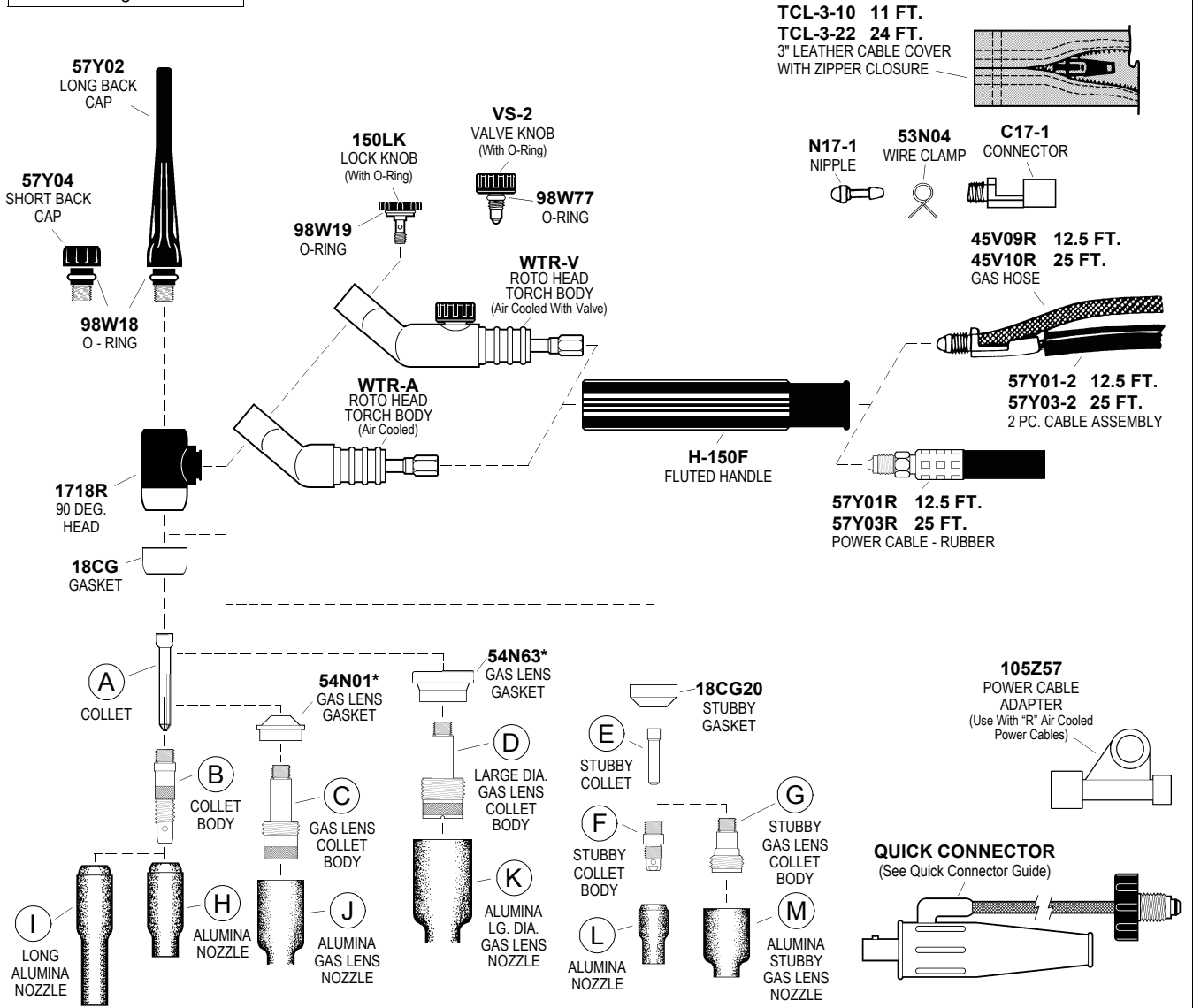
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ROTO - HEAD REPLACEMENT PARTS

WTR-17 • WTR-17V 150 AMPS AIR COOLED

CAUTION
Head must be locked firmly
before starting arc.



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* Must be used together with 18CG gasket.

COLLETS • COLLET BODIES • GAS LENS

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4	1/8 3,2
A	COLLET	10N21	10N22	10N23	10N24	10N25
B	COLLET BODY	10N29	10N30	10N31	10N32	10N28
C	GAS LENS	45V29	45V24	45V25	45V26	45V27
D	LG. DIA. GAS LENS	—	—	45V116	45V64	995795
E	STUBBY COLLET	—	—	10N23S	10N24S	10N25S
F	STUBBY COLLET BODY	—	—	17CB20		
G	STUBBY GAS LENS	—	—	45V25S	45V26S	45V27S

GAS NOZZLES

ITEM	NO. SIZE	4 1/4"	5 5/16"	6 3/8"	7 7/16"	8 1/2"	10 5/8"	11 11/16"	12 3/4"
H	ALUMINA	10N50	10N49	10N48	10N47	10N46	10N45	—	10N44
I	ALUMINA 3" LONG	—	10N49L	10N48L	10N47L	—	—	—	—
J	ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	—	54N19	—
K	ALUMINA LG. DIA. GAS LENS	—	—	57N75	—	57N74	53N88	—	53N87*
L	ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	—	—
M	ALUMINA STUBBY GAS LENS	—	—	—	54N15SW	54N14SW	54N12SW	54N19	—

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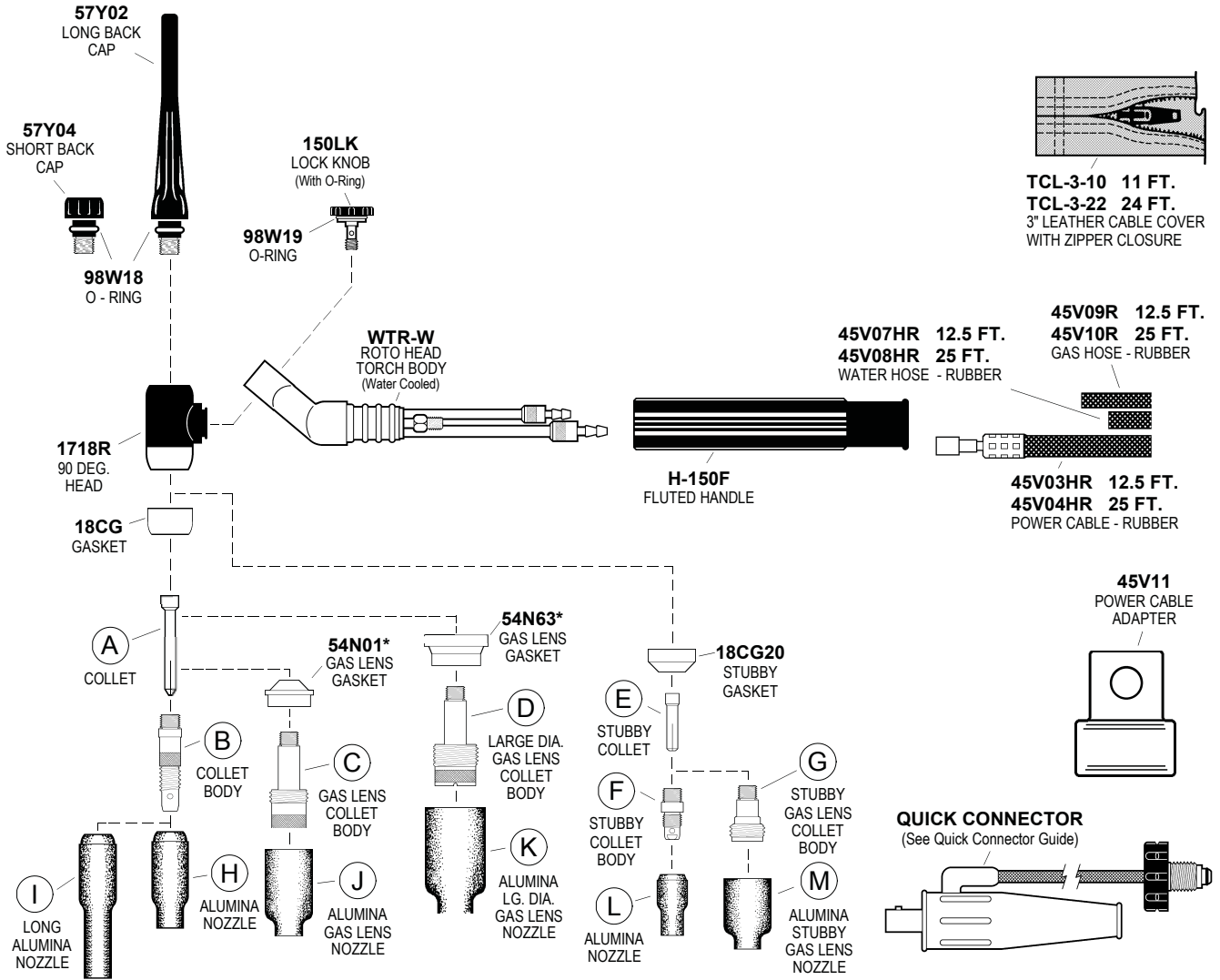
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ROTO - HEAD REPLACEMENT PARTS

WTR-18 230 AMPS WATER COOLED

CAUTION
Head must be locked firmly
before starting arc.



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COLLETS • COLLET BODIES • GAS LENS

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4	1/8 3,2	5/32 4,0
A	COLLET	10N21	10N22	10N23	10N24	10N25	54N20
B	COLLET BODY	10N29	10N30	10N31	10N32	10N28	406488
C	GAS LENS	45V29	45V24	45V25	45V26	45V27	45V28
D	LG. DIA. GAS LENS	—	—	45V116	45V64	995795	45V63
E	STUBBY COLLET	—	—	10N23S	10N24S	10N25S	—
F	STUBBY COLLET BODY	—	—	17CB20			—
G	STUBBY GAS LENS	—	—	45V25S	45V26S	45V27S	—

GAS NOZZLES

ITEM	NO. SIZE	4 1/4"	5 5/16"	6 3/8"	7 7/16"	8 1/2"	10 5/8"	11 11/16"	12 3/4"
H	ALUMINA	10N50	10N49	10N48	10N47	10N46	10N45	—	10N44
I	ALUMINA 3" LONG	—	10N49L	10N48L	10N47L	—	—	—	—
J	ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	—	54N19	—
K	ALUMINA LG. DIA. GAS LENS	—	—	57N75	—	57N74	53N88	—	53N87*
L	ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	—	—
M	ALUMINA STUBBY GAS LENS	—	—	—	54N15SW	54N14SW	54N12SW	54N19	—

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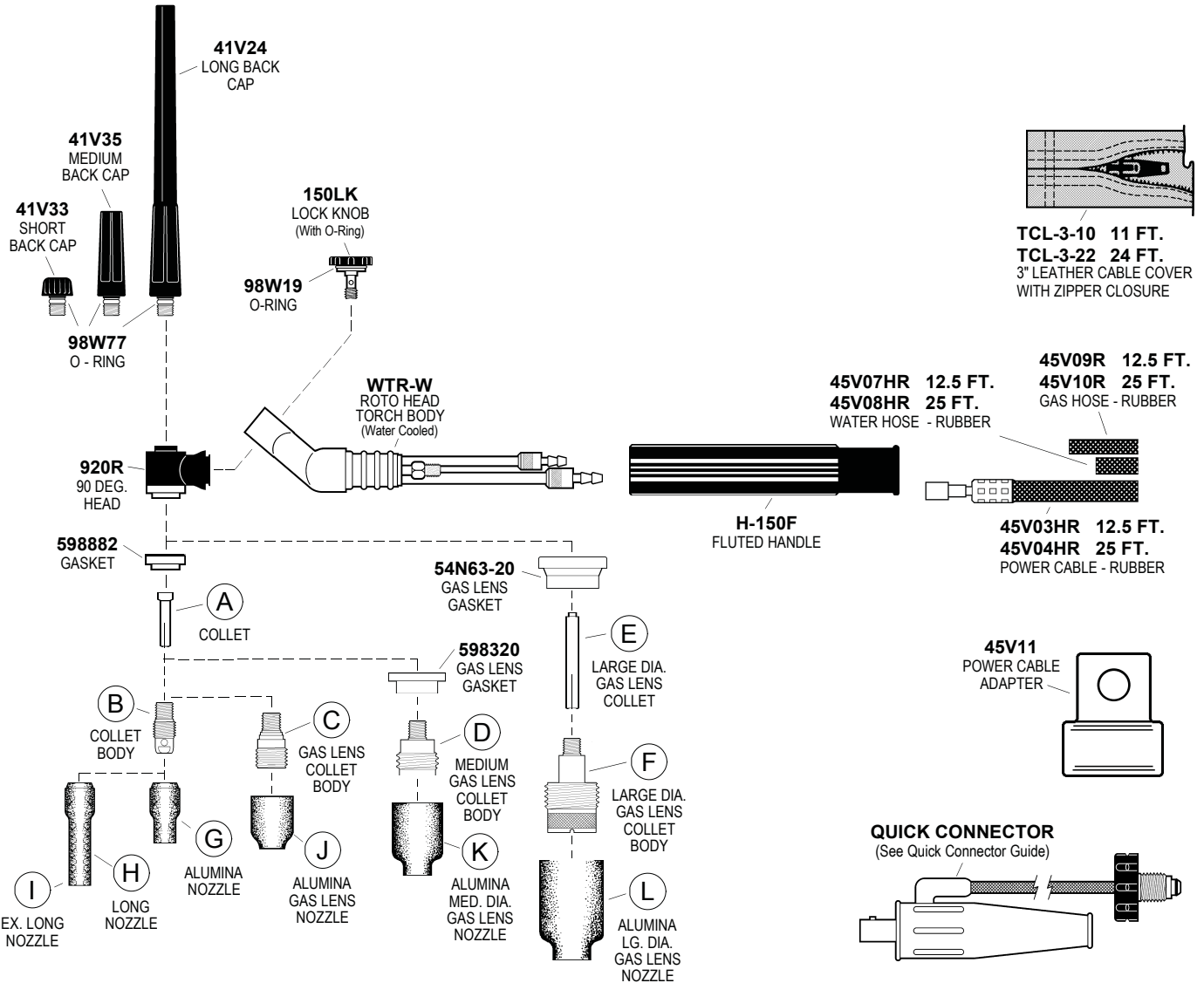
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ROTO - HEAD REPLACEMENT PARTS

WTR-20 230 AMPS WATER COOLED

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COLLETS • COLLET BODIES • GAS LENS

GAS NOZZLES

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4	1/8 3,2
A	COLLET	13N20	13N21	13N22	13N23	13N24
B	COLLET BODY	13N25	13N26	13N27	13N28	13N29
C	GAS LENS	45V41	45V42	45V43	45V44	45V45
D	MED. DIA. GAS LENS	—	—	45V35SW	45V36SW	45V37SW
E	LG. DIA. GAS LENS COLLET	13N20L	13N21L	13N22L	13N23L	13N24L
F	LG. DIA. GAS LENS	45V0204S		45V116S	45V64S	995795S

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G	ALUMINA	—	13N08	13N09	13N10	13N11	13N12	13N13	—	—
H	LONG 17/8"	796F70A	796F71A	796F72A	796F73A	—	—	—	—	—
I	EX. LONG 2 1/2"	796F74A	796F75A	796F76A	796F77A	—	—	—	—	—
J	ALUMINA GAS LENS	—	53N58	53N59	53N60	53N61	53N61S	—	—	—
K	ALUMINA MED. DIA. GAS LENS	—	—	—	—	54N15SW	54N14SW	54N12SW	54N19	—
L	ALUMINA LG. DIA. GAS LENS	—	—	—	57N75	—	57N74	53N88	—	53N87*

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