

WT-28 and WT-29 Mid-size Machine Torches

WT-28B



These mid-size torches are available in both water cooled and air cooled models. While physically smaller than the WT-27 models they share many important features.

- Front or rear loading of the tungsten electrode. No need to raise or move the torch assembly to load or remove the electrode. The electrode withdraws with the shaft assembly when removed from the rear.
- Tightening of the electrode is made with the large shaft knob at the rear of the torch assembly, or by removing nozzle at front end.
- The 14" Model B is ideal for mounting wire feed guides, arc controls or cameras on the torch barrel.

- A good selection of front end parts make these models extremely versatile. Two sizes of gas lens collet bodies insures protection of the critical weld zone by eliminating turbulence in the shielding gas flow. The gas lens also allows greater electrode stick-out for access to tight areas.
- Both models are available with hose and cable assemblies of 3 ft., 12 1/2 ft. or 25 ft. lengths.
- All accessories and spare parts are interchangeable with the popular 17, 18, 26 series hand torches.

ORDERING INFORMATION

WT-28A 350 Amps

Water Cooled Torch Package - 7" Long

WT-28A-3	7" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable and hose assembly.
WT-28A-12	7" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-28A-25	7" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

Order cable cover to protect cable and hose assembly.

WT-29A 180 Amps

Air Cooled Torch Package - 7" Long

WT-29A-3	7" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable assembly.
WT-29A-12	7" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-29A-25	7" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

WT-28B 350 Amps

Water Cooled Torch Package - 14" Long

WT-28B-3	14" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable and hose assembly.
WT-28B-12	14" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-28B-25	14" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

Order cable cover to protect cable and hose assembly.

WT-29B 180 Amps

Air Cooled Torch Package - 14" Long

WT-29B-3	14" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable assembly.
WT-29B-12	14" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-29B-25	14" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

Bracket Assembly Option

27-18	Water Cooled Torches
27-18A	Air Cooled Torches

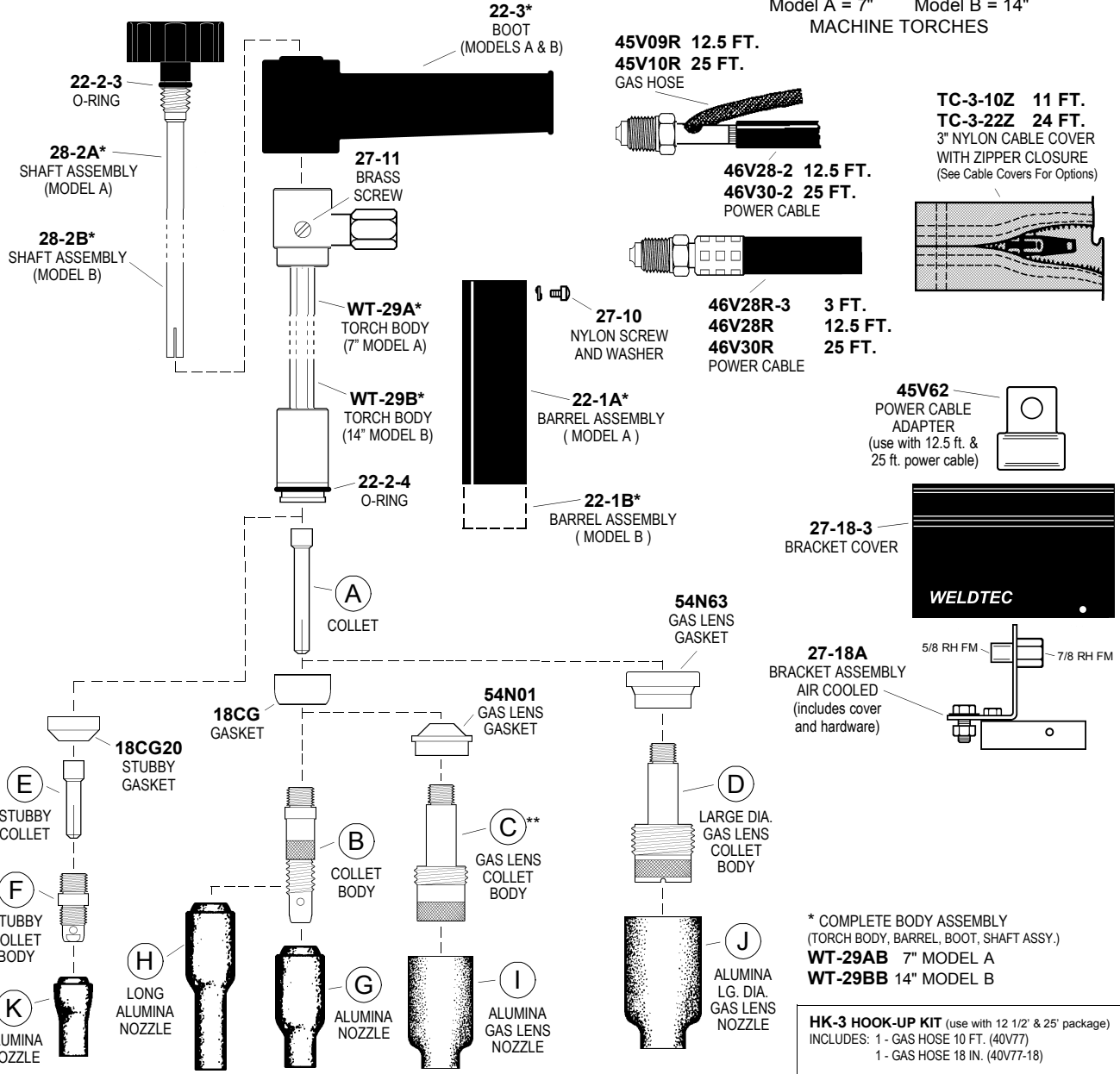
Accessory Kit: AK-1718 contains; 3/32 collet, collet body, gas lens gasket, 3 nozzles, #6, #7, #8 and 3/32 electrode..

Additional items such as power cable adapters or hook-up kits may be required to complete your torch set-up.

WT-28, WT-29 MACHINE TORCH SPECIFICATIONS

Maximum Capacity, Water-cooled (ac-dcsp)	350 AMPS
Air-cooled (ac-dcsp)	180 AMPS
Barrel Diameter	1" (2.5cm)
Overall Length	Model A - 7 ⁷ / ₁₆ " (18.9cm) Model B - 14 ⁷ / ₁₆ " (36.7cm)

Tungsten Capacity (All models)	.040" through ⁵ / ₃₂ "
Maximum Tungsten Length	Model A - 7" (17.8cm) Model B - 14" (35.6cm)
Cooling Requirements (Water-cooled models)	1 Qt./min. (1 L/min)



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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
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	45V0204		45V116	45V64	995795
E	STUBBY COLLET	10N21S	10N22S	10N23S	10N24S	10N25S
F	STUBBY COLLET BODY	17CB20				

** A shorter stubby gas lens collet body is available.

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"
G	ALUMINA	10N50	10N49	10N48	10N47	10N46	10N45	—	10N44
H	ALUMINA 3" LONG	—	10N49L	10N48L	10N47L	—	—	—	—
I	ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	—	54N19	—
J	ALUMINA LG. DIA. GAS LENS	—	—	57N75	—	57N74	53N88	—	53N87*
K	ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	—	—

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