

BASIC TORCH SPECIFICATIONS

| | |
|-------------------|-----------------------|
| | 12 |
| CAPACITY: | 500 Amp |
| ELECTRODE RANGE: | 1/16-1/4" (1.6-6.4mm) |
| BODY LENGTH: | 11" (297mm) |
| HEAD LENGTH: | |
| w/short back cap: | |
| w/med. back cap: | 7-1/2" (191mm) |
| w/long back cap: | 5-7/16" (138mm) |
| HEAD ANGLE: | 60 degree |
| HEAD DIAMETER: | 1-3/16" (30mm) |

NOTES

Call for availability.

| KEY | DESCRIPTION | PART NUMBERS | | | | | |
|----------------------------|---------------------|---------------------|-------------|------------|-------------|-------------|------------------------------------|
| ELECTRODE DIAMETER | | 1/16" 1.6mm | 3/32" 2.4mm | 1/8" 3.2mm | 5/32" 4.0mm | 3/16" 4.8mm | 1/4" 6.4mm |
| NOZZLE SIZE | | #4 | #5 | #6 | #7 | #8 | #10, #12, Short |
| GAS LENS SET-UP | | PART NUMBERS | | | | | |
| 4 | Gasket | 12NG | 12NG | 12NG | 12NG | 12NG | 12NG |
| 5 | Collet | 85Z14 | 85Z15 | 85Z16 | 85Z17 | 85Z18 | 85Z19 |
| 6 | Collet Body | 11WP65 | 11WP65 | 11WP65 | 11WP65 | 11WP65 | 11WP65 |
| 7 | Alumina Nozzle | 14N57 | 14N58 | 14N59 | 14N60 | 14N61 | 14N61-10 14N61-12 |
| 8 | Long Alumina Nozzle | 14N68 | 14N69 | 14N70 | 14N71 | 14N72 | |
| GAS LENS SET-UP | | PART NUMBERS | | | | | |
| 9 | Gasket | 12GLG | 12GLG | 12GLG | 12GLG | 12GLG | |
| 10 | Gas Lens | 11GL16 | 11GL32 | 11GL18 | 11GL53 | 11GL36 | |
| 11 | Alumina Nozzle | | | 57N75 | | 57N74 | 53N88 (10) 53N87 (12) 53N89* |
| METAL NOZZLE SET-UP | | PART NUMBERS | | | | | |
| 12 | Metal Nozzle Gasket | | | 12MNG | | 12MNG | 12MNG |
| 13 | Insulator Sleeve | | | 85Z99 | | 85Z99 | 85Z99 |
| 14 | Metal Nozzle | | | 86Z01 | | 86Z02 | 86Z03 (10) 86Z06 (12) |

*Not recommended for use with high frequency current.

| KEY | DESCRIPTION | PART No. | KEY | DESCRIPTION | PART No. | KEY | DESCRIPTION | PART No. |
|-----|-----------------------------|-----------|-----|-------------------------|-----------|-----|------------------------------|----------|
| 1 | Back Cap, Long | 56Y44 | 19 | Gas Hoses | 40V82R | 25 | Lever Switch | SW4 |
| 2 | Back Cap, Short | 56Y45 | | Braided, 12.5 Ft. | 40V82RL | | Lever w/12.5 Ft. leads | SW4-12 |
| 3 | Torch Body | 12 | | Braided, 25 Ft. | | | Lever w/25 Ft. leads | SW4-25 |
| 4 | Nozzle Gasket | 12NG | 20 | Water Hoses | 40V83R | 26 | Switch, Off/On w/6 in. leads | SW2-0 |
| 5 | Collet | See Chart | | Braided, 12.5 Ft. | 40V83RL | | Off/On w/12.5 Ft. leads | SW2-12 |
| 6 | Collet Body | See Chart | | Braided, 25 Ft. | | | Off/On w/25 Ft. leads | SW2-25 |
| 7 | Nozzle | See Chart | 21 | Hose & Cable Assembly | 40WP84 | | | |
| 8 | Nozzle | See Chart | | Rubber Sheath, 12.5 Ft. | 40WP84L | | | |
| 9 | Gas Lens Gasket | 12GLG | | Rubber Sheath, 25 Ft. | | | | |
| 10 | Gas Lens | See Chart | 22 | Cable Cover 4" x 10 Ft. | CC-4-10 | | | |
| 11 | Nozzle | See Chart | | 4" x 10 Ft. Heavy Duty | CC-4-10HD | | | |
| 12 | Metal Nozzle Gasket | 12MNG | | Cable Cover 4" x 22 Ft. | CC-4-22 | | | |
| 13 | Insulator Sleeve | 85Z99 | | 4" x 22 Ft. Heavy Duty | CC-4-22HD | | | |
| 14 | Nozzle | See Chart | 23 | Power Cable Adapter | 45V11 | | | |
| 15 | Handle | 85WP13 | 24 | Switch, Momentary | SW-1 | | | |
| 16 | Rubber Boot for SW1 & SW1F | BL-1 | | Bulb w/6 in. leads | SW-1-12 | | | |
| | Rubber Boot for SW2-0 | BL-2 | | Bulb w/12.5 Ft. leads | SW1-25 | | | |
| 17 | Snap-on Boot for SW1 & SW1F | BL-1S | | Bulb w/25 Ft. leads | SW1-F | | | |
| | Snap-on Boot or SW2-0 | BL-2S | | Flat w/6 in. leads | SW1F-12 | | | |
| 18 | Power Cables | 40V84R | 25 | Flat w/12.5 Ft. leads | SW1F- | | | |
| | Rubber, 12.5 Ft. | | | Flat w/25 Ft. leads | | | | |
| | Rubber, 25 Ft. | | | | | | | |