

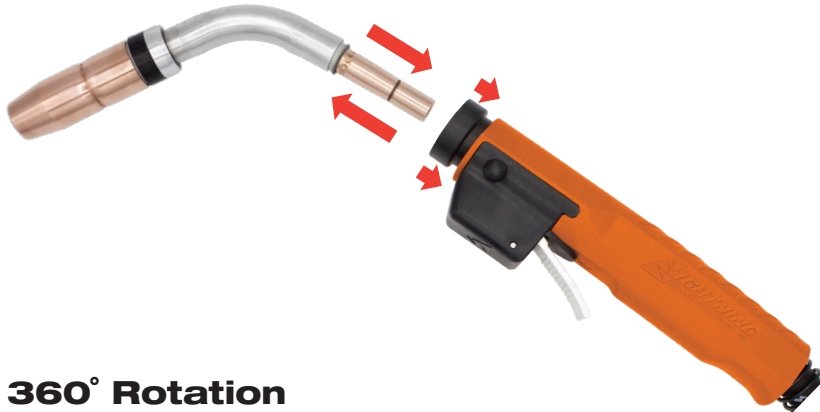
VIRTUALLY INDESTRUCTIBLE**SPECS**

Out-of-position welding made easy, reduced wrist fatigue

Fastest Neck Change

Our patent pending Flash™ connection is the fastest rotatable and replaceable gooseneck on the market. Put the control at your fingertips with the push of the collar, no tools needed.

If you have changed goosenecks for any reason, this is the easiest and fastest way to do it. Need a longer neck with a different bend but usually do not change because of time? Now you can change necks with convenience allowing you to continue welding productively while being able to reach your welds with ease.

**360° Rotation**

Lightning® Flash™ MIG gun features a rotatable gooseneck with 12 fixed positions, allowing the welder to remain in the same position avoiding fatigue and maximizing productivity.



Type
Semi-automatic
Air-cooled MIG

Amperage
250, 350, 400

Cable Length
5' – 25'

Gooseneck
180°, 22°, 45°, 60°

Wire Size
.030 – .052
1/16" – 5/64"

Compatibility
Compatible with a complete range of welding machines and wire feeders

Lifetime Warranty
Handle and trigger switch have a Lifetime Warranty

More information, contact tips, nozzles, and gun part numbers – page 2



Learn more at
our website americantorchtip.com
or call us at 800-342-8477

Lightning Flash™ Goosenecks

| Part # | Description |
|--------------|---------------------------------------|
| 62-5160LF | Lightning Flash Gooseneck 250A |
| 63-5160LF | Lightning Flash Gooseneck 60 deg 4" |
| 64-5160LF | Lightning Flash Gooseneck 60 deg 5" |
| 65-5160LF | Lightning Flash Gooseneck 60 deg 6.5" |
| 65-5160LF-10 | Lightning Flash Gooseneck 60 deg 10" |
| 65-5160LF-12 | Lightning Flash Gooseneck 60 deg 12" |
| 65-5160LF-16 | Lightning Flash Gooseneck 60 deg 16" |

Goosenecks are available in a variety of bends. Replace the 60 with the degree you want. Standards are 45°, 60°, and 00(180°).

Lightning Contact Tips

| Part # | Heavy Duty Tip - Size |
|---------|----------------------------------|
| 63-1130 | Contact Tip HD .030 pk 10 |
| 63-1135 | Contact Tip HD .035 pk 10 |
| 63-1140 | Contact Tip HD .040 pk 10 |
| 63-1145 | Contact Tip HD .045 pk 10 |
| 63-1147 | Contact Tip HD 3/64" al pk 10 |
| 63-1152 | Contact Tip HD .052 pk 10 |
| 63-1162 | Contact Tip HD 1/16" pk 10 |
| 63-1178 | Contact Tip HD 5/64" pk 10 |
| 63-1193 | Contact Tip HD 3/32" pk 10 |
| Part # | Tapered Tip |
| 63-12XX | XX = use suffix from chart above |

Lightning Retaining Heads / Diffusers

| Part # | Description |
|---------|-----------------------------|
| 63-3104 | Nozzle Retainer (25) |
| 63-3103 | Retaining Head / Diffuser L |
| 63-3116 | Thread-on Retaining Head HD |
| 63-3402 | Retaining Ring |
| 63-3301 | O-Ring Orange 016 |

Lightning Flash™ Jump Liners

| Part # | Description |
|---------|---------------------------|
| FJL-30 | .030" (8mm) |
| FJL-35 | .035"-.045" (9mm-1.2mm) |
| FJL-45 | .045"-1/16" (1.2mm-1.6mm) |
| FJL-332 | 5/64"-3/32" (2mm-2.4mm) |

MIG Gun Part Numbering System

| GOOSENECK | LIGHTNING HANDLE | POWER PIN | GUN MODEL | CABLE LENGTH | WIRE SIZE |
|------------|------------------|---|--|--|---|
| F - Flash™ | L - Lightning® | M - Miller LN - Lincoln E - Euro T - Tweco 5T - Tweco #5 P - Panasonic B - Bernard H - Hitachi | 20 - 250 amp 30 - 350 amp 40 - 400 amp | 10 - 10 feet 12 - 12 feet 15 - 15 feet 20 - 20 feet 25 - 25 feet | 30 - .030" 35 - .035" 40 - .040" 45 - .045" 52 - .052" 116 - 1/16" 332 - 3/32" 364 - 3/64" al 564 - 5/64" |
| F | L | T | 40 | 15 - 45 | |

Lightning® Nozzle Selector Chart (slip-on)

| Standard Duty Nozzle Part # | Bore/Material | O.D. / Length | Tip Location |
|-----------------------------|---------------|----------------|-----------------|
| 63-2138 | 3/8" Copper | .938" / 2.75" | Flush |
| 64-2950 | 1/2" Brass | .938" / 2.63" | 1/8" Stick out |
| 63-2950B | 1/2" Brass | .938" / 2.88" | 1/8" Recess |
| 63-2150 | 1/2" Copper | .938" / 2.88" | 1/8" Recess |
| 63-2762 | 5/8" Copper | .938" / 2.51" | 1/4" Stick out |
| 63-2662 | 5/8" Copper | .938" / 2.63" | 1/8" Stick out |
| 63-2162 | 5/8" Copper | .938" / 2.88" | 1/8" Recess |
| 63-2175 | 3/4" Copper | .938" / 2.88" | 1/8" Recess |
| Heavy Duty Nozzle Part # | Bore/Material | O.D. / Length | Tip Location |
| 65-2550 | 1/2" Copper | 1.062" / 2.88" | 1/8" Recess |
| 65-2662 | 5/8" Copper | 1.062" / 2.63" | 1/8" Stick out |
| 65-2362 | 5/8" Brass | 1.062" / 2.63" | 1/8" Stick out |
| 64-2962 | 5/8" Copper | 1.062" / 2.75" | Flush |
| 65-2862 | 5/8" Brass | 1.062" / 2.75" | Flush |
| 63-2362 | 5/8" Brass | 1.062" / 2.88" | 1/8" Recess |
| 65-2562 | 5/8" Copper | 1.062" / 2.88" | 1/8" Recess |
| 64-2562 | 5/8" Copper | 1.062" / 3.00" | 1/4" Recess |
| 65-2575 | 3/4" Copper | 1.062" / 2.88" | 1/8" Recess |
| 65-2375 | 3/4" Brass | 1.062" / 2.88" | 1/8" Recess |
| 64-2575 | 3/4" Copper | 1.062" / 3.00" | 1/4" Recess |
| 64-2387 | 7/8" Brass | 1.062" / 3.00" | 1/4" Recess |
| 65-2562-T * | 5/8" Copper | 1.062" / 2.78" | 1/8" Tip Recess |

* Threaded versions available for all nozzles - add "T" to part #.

Amperage Ratings (duty cycle)

| Model # | 100% Duty Cycle | | 60% Duty Cycle | |
|---------|-----------------|-----------|----------------|-----------|
| | Co2 | Mixed Gas | Co2 | Mixed Gas |
| 250 | 200 | 120 | 300 | 250 |
| 300 | 300 | 200 | 400 | 350 |
| 400 | 400 | 300 | 400 | 300 |

If you don't see what you're looking for, please call us.

We offer a wide variety of consumables.
(800) 342-8477



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