

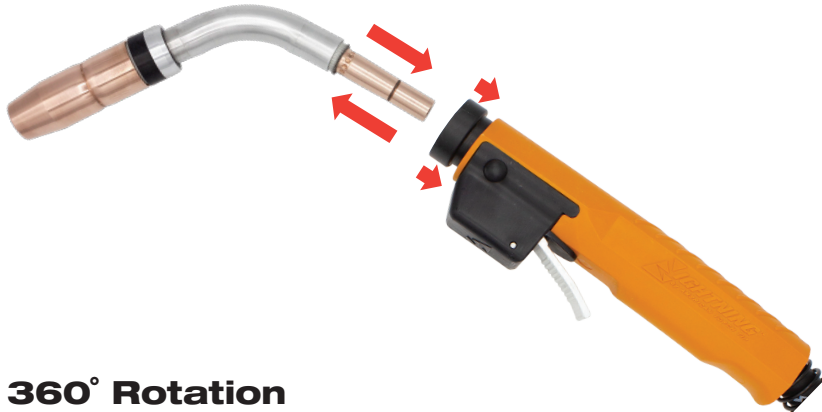
VIRTUALLY INDESTRUCTIBLE**SPECS**

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

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