

**MIG Guns, Peripherals & Consumables**  
**Performance you can count on.**

## BERNARD SEMI-AUTOMATIC AIR-COOLED MIG GUNS

### Bernard BTB (Best of the Best) MIG Guns

Bernard Semi-Automatic MIG Guns are used and trusted by top companies in agriculture, shipbuilding, heavy equipment and fabrication. Ideal for the most demanding industrial welding applications, BTB MIG Guns are backed by a leading one year manufacturer's warranty. Please see the chart below to find an appropriate MIG gun for your application. If you can't find the MIG gun of your choice, flip to page #4 to configure your ultimate MIG gun. Configured guns are available through Grainger Sourcing.

- Designed to withstand the rigors of industrial welding applications
- Maximum configuration flexibility and industrial-grade performance
- Compatible with our high performance consumable lines - TOUGH LOCK™, Centerfire™ and Quik Tip™
- One year manufacturer's warranty with a lifetime warranty on rear straight strain relief
- Fixed or rotatable aluminum armored necks in various lengths and angles
- Front and rear internal cable connections are compression fit (instead of crimped) to optimize conductivity, reduce heat and increase gun life



**B Series  
Curved  
Handles**

**O Series  
Curved  
Handles**

**T Series  
Straight  
Handles**

Grainger SKU	Mfg. Model #	Amp	Cable Length	Handle	Neck	Consumable Series	Wire Size	Power Pin	Liner
#11Z564	Q2015AB8CMC	200	15'	B	Rotatable Short, 45°	Centerfire	.035"	Miller®	Conventional Liner
#11Z565	Q2015AB8CTC	200	15'	B	Rotatable Short, 45°	Centerfire	.035"	Tweco®	Conventional Liner
#11Z566	Q2015TB8CMC	200	15'	O	Rotatable Short, 45°	Centerfire	.035"	Miller	Conventional Liner
#11Z567	Q2015TB8CTC	200	15'	O	Rotatable Short, 45°	Centerfire	.035"	Tweco	Conventional Liner
#11Z516	Q3015AE8EMC	300	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Miller	Conventional Liner
#11Z517	Q3015AE8ETC	300	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Tweco	Conventional Liner
#11Z518	Q3015AE8ELC	300	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Lincoln®	Conventional Liner
#11Z520	Q3015AE8HMC	300	15'	B	Rotatable Medium, 45°	Centerfire	.052"	Miller	Conventional Liner
#11Z568	Q3015TE8EMC	300	15'	O	Rotatable Medium, 45°	Centerfire	.045"	Miller	Conventional Liner
#11Z569	Q3015TE8ETC	300	15'	O	Rotatable Medium, 45°	Centerfire	.045"	Tweco	Conventional Liner
#45EJ41	Q3015TE5EMC	300	15'	O	Rotatable Medium, 45°	Quik Tip	.045"	Miller	Conventional Liner
#38VL76	Q3015MP3CMQ	300	15'	T	Fixed Short, 60°	TOUGH LOCK	.035"	Miller	QUICK LOAD™ Liner
#38VL77	Q3015MP3EMQ	300	15'	T	Fixed Short, 60°	TOUGH LOCK	.045"	Miller	QUICK LOAD Liner
#38VL74	S3015TE5HMC	300	15'	O	Rotatable Medium, 45°	Quik Tip	.052"	Miller	Conventional Liner
#11Z523	Q4015AE8ELC	400	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Lincoln	Conventional Liner
#11Z521	Q4015AE8EMC	400	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Miller	Conventional Liner
#11Z572	Q4015AE8IMC	400	15'	B	Rotatable Medium, 45°	Centerfire	1/16"	Miller	Conventional Liner
#11Z522	Q4015AE8ETC	400	15'	B	Rotatable Medium, 45°	Centerfire	.045"	Tweco	Conventional Liner
#38VL82	Q4015MS3EMC	400	15'	T	Fixed Medium, 60°	TOUGH LOCK	.045"	Miller	Conventional Liner
#38VL84	Q4015MS3ELQ	400	15'	T	Fixed Medium, 60°	TOUGH LOCK	.045"	Lincoln	QUICK LOAD Liner
#38VL85	Q4015MP3EMQ	400	15'	T	Fixed Short, 60°	TOUGH LOCK	.045"	Miller	QUICK LOAD Liner
#38VL86	Q4015MP3ELQ	400	15'	T	Fixed Short, 60°	TOUGH LOCK	.045"	Lincoln	QUICK LOAD Liner
#38VL87	Q4015MP3ILQ	400	15'	T	Fixed Short, 60°	TOUGH LOCK	1/16"	Lincoln	QUICK LOAD Liner

Additional models continue onto page 3

Grainger SKU	Mfg. Model #	Amp	Cable Length	Handle	Neck	Consumable Series	Wire Size	Power Pin	Liner
#45EJ42	Q4015TE5EMC	400	15'	O	Rotatable Medium, 45°	Quik Tip™	.045"	Miller®	Conventional Liner
#38VL88	Q4020TN5ELC	400	20'	O	Fixed Short, 30°	Quik Tip	.045"	Lincoln®	Conventional Liner
#38VL89	Q4025AE8EMC	400	25'	B	Rotatable Medium, 45°	Centerfire™	.045"	Miller	Conventional Liner
#38VL90	Q4025MS3EMC	400	25'	T	Fixed Medium, 60°	TOUGH LOCK™	.045"	Miller	Conventional Liner
#11Z576	Q5015GI8IMC	500	15'	O	Rotatable Long, 60°	Centerfire	1/16"	Miller	Conventional Liner
#45EJ43	S5015GH5IMC	500	15'	O	Rotatable Long, 45°	Quik Tip	1/16"	Miller	Conventional Liner
#11Z524	Q5015GI8LMC	500	15'	O	Rotatable Long, 60°	Centerfire	3/32"	Miller	Conventional Liner

## BERNARD SPECIALTY GUNS



### Dura-Flux™ Self-Shielded FCAW MIG Gun

This self-shielded flux-cored MIG gun meets the demanding and harsh environments of construction, heavy manufacturing and rental applications. This gun features a non-metallic trigger that absorbs less heat and a small trigger guard for better maneuverability.

Grainger SKU	Mfg. Model #	Details
#11Z525	FLX3515AM	350 amp, 15 ft., Centerfire, 1/16" - 3/32", Miller
#11Z526	FLX3515AL	350 amp, 15 ft., Centerfire, 1/16" - 3/32", Lincoln
#11Z527	FLX3515AT	350 amp, 15 ft., Centerfire, 1/16" - 3/32", Tweco®



### Clean Air™ Fume Extraction MIG Gun

Reduce smoke at the source and maintain a clean, more compliant working environment with this industrial-duty fume gun. This gun is an ideal fume extraction solution for large weldment and confined space welding applications and is suitable for use with solid and flux-cored wires.

Grainger SKU	Mfg. Model #	Details
#38VM46	CL4015NK8EMC	400 amp, 15 ft., Centerfire, .045", Miller
#38VM47	CL4015NK3IMC	400 amp, 15 ft., TOUGH LOCK, 1/16", Miller

### 250 amp S-Gun™ MIG Gun

This air-cooled semi-automatic MIG gun is ideal for shipbuilding and construction industries. This gun features a locked rotatable neck that eliminates downtime at shift start due to missing necks resulting in reduced operator costs. The gun features a steel monocoil cable that is composed of lightweight steel coils that provide an exceptional conduit for shielding gas flow and wire feeding.

Grainger SKU	Mfg. Model #	Details
#38VL72	S2515TE5EM	250 amp, 15 ft., .045" Miller

*Gun can be converted to run .052" - 1/16" by simply changing the contact tip - .052" contact tip is included with the gun. 1/16" contact tip will need to be purchased separately.*



# CHOOSE YOUR WEAPON — BERNARD BTB MIG GUN CONFIGURATOR

Bernard recognizes that welding applications differ for every welder and that sometimes only a customizable, industrial-duty MIG gun will get the job done right. That's why we enable you to configure a custom MIG gun that fits your specific application. Use the configurator below to build your ultimate MIG gun and then contact Grainger Sourcing to purchase.

## 1 AMPERAGE

<b>Q20</b>	200 amp max. wire size 1/16" (1.6 mm)
<b>Q30</b>	300 amp max. wire size 5/64" (2.0 mm)
<b>Q40</b>	400 amp max. wire size 5/64" (2.0 mm)
<b>Q50</b>	500 amp max. wire size 3/32" (2.4 mm)
<b>Q60</b>	600 amp max. wire size 1/8" (3.2 mm)
<b>S30</b>	300 amp max. wire size 5/64" (2.0 mm)
<b>S40</b>	400 amp max. wire size 5/64" (2.0 mm)
<b>S50</b>	500 amp max. wire size 3/32" (2.4 mm)
<b>S60</b>	600 amp max. wire size 1/8" (3.2 mm)

## 2 CABLE LENGTH

<b>08</b>	8 ft (2.44 m)
<b>10</b>	10 ft (3.05 m)
<b>12</b>	12 ft (3.66 m)
<b>15</b>	15 ft (4.57 m)
<b>20</b>	20 ft (6.10 m)
<b>25</b>	25 ft (7.62 m)

## 4 NECK

<b>A</b>	Rotatable, Short	30°	<b>O</b>	Fixed, Short	45°
<b>B</b>	Rotatable, Short	45°	<b>P</b>	Fixed, Short	60°
<b>C</b>	Rotatable, Short	60°	<b>W</b>	Fixed, Short	80°
<b>J</b>	Rotatable, Short	80°	<b>Q</b>	Fixed, Medium	30°
<b>D</b>	Rotatable, Medium	30°	<b>R</b>	Fixed, Medium	45°
<b>E</b>	Rotatable, Medium	45°	<b>S</b>	Fixed, Medium	60°
<b>F</b>	Rotatable, Medium	60°	<b>X</b>	Fixed, Medium	80°
<b>K</b>	Rotatable, Medium	80°	<b>T</b>	Fixed, Long	30°
<b>G</b>	Rotatable, Long	30°	<b>U</b>	Fixed, Long	45°
<b>H</b>	Rotatable, Long	45°	<b>V</b>	Fixed, Long	60°
<b>I</b>	Rotatable, Long	60°	<b>Y</b>	Fixed, Longest	45°
<b>N</b>	Fixed, Short	30°	<b>Z</b>	Fixed, Longest	60°





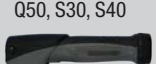

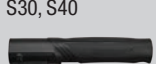


**Q40**

**15**

**A**





**E**

## 3 HANDLE AND TRIGGER

<b>B Series Small Curved Handle</b> 	<b>Q20, Q30</b>	<b>A</b> Standard Trigger <b>B</b> Locking Trigger <b>C</b> Dual Pull Trigger	<b>T Series Small Straight Handle</b> 	<b>Q20, Q30</b>	<b>S</b> Standard Trigger	<b>C Series Large Straight Handle</b> 	<b>Q20, Q30, Q40, Q50, S30, S40</b>	<b>V</b> Standard Trigger <b>W</b> Locking Trigger <b>X</b> Dual Pull Trigger <b>Y</b> Dual Schedule Switch <b>J</b> Insight™ Limited (available only with Miller® power pin)
<b>B Series Large Curved Handle</b> 	<b>Q40</b>	<b>A</b> Standard Trigger <b>B</b> Locking Trigger <b>C</b> Dual Pull Trigger <b>D</b> Dual Schedule Switch <b>E</b> Locking Dual Schedule	<b>T Series Large Straight Handle</b> 	<b>Q30, Q40, Q50, Q60, S30, S40</b>	<b>M</b> Standard Trigger <b>N</b> Locking Trigger <b>P</b> Dual Pull Trigger <b>Q</b> Dual Schedule Switch <b>R</b> Locking Dual Schedule			
<b>O Series Large Curved Handle</b> 	<b>Q40, Q50, Q60, S40, S50, S60</b>	<b>G</b> Standard Trigger <b>H</b> Locking Trigger <b>I</b> Dual Pull Trigger <b>K</b> Dual Schedule Switch <b>L</b> Locking Dual Schedule	<b>O Series Small Curved Handle</b> 	<b>Q20, Q30, Q40, S30, S40</b>	<b>T</b> Standard Trigger <b>U</b> Locking Trigger			

**NOW WITH EVEN MORE OPTIONS!**

**5 CONTACT TIP**

<b>8</b>	Centerfire™ ↓  ↙ 5/16" O.D. (7.94 mm)
<b>5</b>	Quik Tip™ ↓  ↙ 5/16" O.D. (7.94 mm)
<b>2</b>	TOUGH LOCK™ SD ↓  ↙ 1/4" O.D. (6.35 mm)
<b>3</b>	TOUGH LOCK™ HD ↓  ↙ 5/16" O.D. (7.94 mm)

**6 WIRE SIZE**

<b>A</b>	0.023" (0.6 mm)
<b>B</b>	0.030" (0.8 mm)
<b>C</b>	0.035" (0.9 mm)
<b>D</b>	0.039" (1.0 mm)
<b>E</b>	0.045" (1.2 mm)
<b>H</b>	0.052" (1.4 mm)
<b>I</b>	1/16" (1.6 mm)
<b>K</b>	5/64" (2.0 mm)
<b>L</b>	3/32" (2.4 mm)
<b>M</b>	7/64" (2.8 mm)
<b>N</b>	1/8" (3.2 mm)

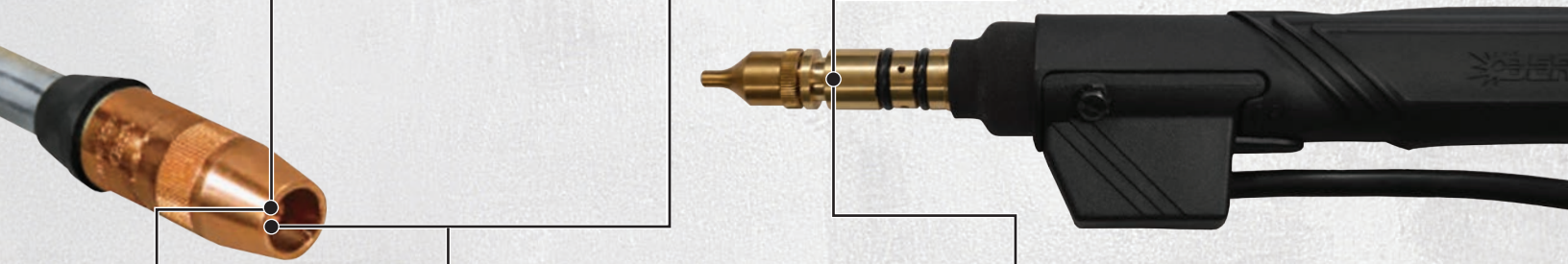
**ALUMINUM WIRE**

<b>Q</b>	0.035" (0.9 mm)
<b>R</b>	3/64" (1.2 mm)
<b>S</b>	1/16" (1.6 mm)

**7 POWER PIN**

<b>B</b>	Bernard™
<b>E</b>	Euro
<b>L</b>	Lincoln®
<b>M</b>	Miller®
<b>O</b>	OXO™
<b>S</b>	Tweco® #4 (Lincoln Lead)
<b>R</b>	Tweco #4 (Miller Lead)
<b>T</b>	Tweco #4 (Standard Lead)
<b>U</b>	Tweco #4 (NAS Plug)
<b>W</b>	Tweco #5 (Standard Lead)
<b>X</b>	Tweco #5 (Miller Lead)

*Brands shown above are trademarks of their respective owners.*



**8**

**D**

**M**

**L**

The diffusers and nozzles in the chart below come factory installed by gun amperage:

AMP	CENTERFIRE		QUIK TIP		TOUGH LOCK		
	Diffuser	Nozzle	Diffuser	Nozzle	Diffuser (SD)	Diffuser (HD)	Nozzle
<b>200</b>	DS-1	NS-1218B	D118Q	N1C58Q	404-18	N/A	401-4-62
<b>300</b>	DS-1	NS-5818C	D118Q	N1C58Q	404-18	404-26	401-6-62
<b>300</b> (T Series Small Straight Handle Only)	DS-1	NS-5818C	D118Q	N1C58Q	404-18	404-26	401-4-62
<b>400</b>	D-1	N-5818C	D118Q	N1C58Q	404-18	404-26	401-6-62
<b>500</b>	D-1	N-5814C	D114Q	N1C34HQ	N/A	404-26	401-5-62
<b>600</b>	D-1	N-3414C	D114Q	N1C34HQ	N/A	404-26	401-5-75

**8 LINER**

<b>C</b>	New! Universal Conventional Liner
<b>Q</b>	QUICK LOAD™ Liner*
<b>L</b>	QUICK LOAD Liner AutoLength™ System**

\*Available for wire sizes 0.023" to 3/32"  
\*\*Available for wire sizes 0.030" to 3/32"

*\*Some limitations exist. Please consult your Grainger Representative or local Grainger branch.*

## TREGASKISS ROBOTIC AIR-COOLED MIG GUNS

### TOUGH GUN™ CA3 MIG Guns

TOUGH GUN CA3 MIG Guns are designed for high-volume production environments. They are fully configurable and are engineered for precision and durability. Maintenance is fast and easy for maximum uptime and production throughput.

- New replaceable unicable design offers extended service life and ease of serviceability
- Re-engineered neck clamp improves durability and consistency of clamping force
- Compatible with TOUGH GUN G1 Series necks, gun mounts, power pins and consumables
- Additional standard neck and mounting arm options are available in 22° and 45°
- Cable guide minimizes stress on cable connection as robot articulates extending service life



### TOUGH GUN TA3 MIG Guns

TOUGH GUN TA3 MIG Guns are designed with a unique and durable Low-Stress Robotic Unicable that feeds through the arm of today's through-arm style robots and provides outstanding precision and reliability.

- Re-engineered neck clamp improves durability and consistency of clamping force
- Features a precision-engineered keyway system for accurate alignment and quick replacement
- Low-Stress Robotic (LSR) Unicables allow for stress-free rotation
- Additional standard neck options expand the range of tool center point options and variety of work envelopes



## TREGASKISS ROBOTIC PERIPHERALS

### TOUGH GUN™ TT3 Reamers

The TOUGH GUN TT3 Reamer robotic nozzle cleaning station is tough on spatter and operates reliably in even the harshest welding environments. Automating spatter removal helps to extend the life of your robotic MIG guns and consumables, benefitting both your bottom line and your production uptime and throughput.

- **Two models now available:** TT3A (analog) and TT3E (Ethernet) model enhanced with digital Ethernet communications for better integration
- **New TT3E Ethernet model** is designed for durability, serviceability and repeatability; provides greater control optimization, remote monitoring capability and faster troubleshooting to facilitate increased productivity
- Optional dedicated motor lubricator maximizes performance and protects your investment by extending the life of the motor, and is highly recommended for use in damp and moisture-rich environments



### TOUGH GARD™ Anti-Spatter Liquid

TOUGH GARD Anti-Spatter Liquid is a ready-to-use water-soluble, non-toxic product developed to address the performance and environmental concerns of metal fabricators. By prolonging the life of your consumables and reducing the need for downtime, TOUGH GARD Anti-Spatter Liquid can help to reduce your operating and maintenance costs.

- Requires less product to do the job than competing solutions
- Won't clog sprayers or nozzle cleaning stations
- Won't contaminate surfaces - cleans up easily, leaving no residue



Available through Grainger Sourcing

## MIG GUN CONSUMABLES

### Bernard Centerfire™ Consumable Series

Centerfire Consumables are easy-to-use and high performing while providing better arc starts, less spatter and more consistent welds. The non-threaded contact tip, which is held in place by the nozzle, locks into place and remains centered even after hard use for better weld consistency. The drop-in contact tip is quickly replaced without the use of tools.

#### Nozzles

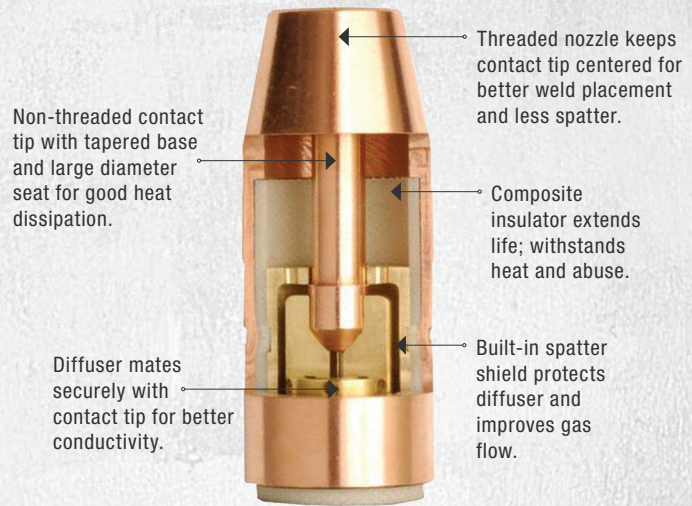
Grainger SKU	Mfg. Model #	Details
#11Z550	NS-1200B	Nozzle, Small, 1/2" I.D., Flush, Brass, 10 qty.
#11Z551	NS-1218B	Nozzle, Small, 1/2" I.D., 1/8" Recess, Brass, 10 qty.
#11Z553	NS-5818C	Nozzle, Small, 5/8" I.D., 1/8" Recess, Copper, 10 qty.
#12A757	NST-3818B	Nozzle, Small, 3/8" I.D., 1/8" Recess, Brass, 10 qty.
#11Z552	N-5800C	Nozzle, Large, 5/8" I.D., Flush, Copper, 10 qty.
#11Z554	N-5818C	Nozzle, Large, 5/8" I.D., 1/8" Recess, Copper, 10 qty.
#11Z555	N-5818B	Nozzle, Large, 5/8" I.D., 1/8" Recess, Brass, 10 qty.
#11Z556	N-5814C	Nozzle, Large, 5/8" I.D., 1/4" Recess, Copper, 10 qty.
#38VM83	N-HDC	Nozzle Body, Heavy Duty, 10 qty.
#38VN84	5818	Nozzle Cone, 5/8" I.D., 1/8" Recess, Heavy Duty, 10 qty.

#### Contact Tips

Grainger SKU	Mfg. Model #	Details
#11Z579	T-023	Contact Tip, .023" (.6 mm), 10 qty.
#12A754	T-030	Contact Tip, .030" (.8 mm), 10 qty.
#11Z543	T-035	Contact Tip, .035" (.9 mm), 10 qty.
#11Z544	T-045	Contact Tip, .045" (1.2 mm), 10 qty.
#11Z545	T-052	Contact Tip, .052" (1.4 mm), 10 qty.
#11Z546	T-062	Contact Tip, 1/16" (1.6 mm), 10 qty.
#11Z547	T-072	Contact Tip, .072" (1.8 mm), 10 qty.
#11Z548	T-078	Contact Tip, 5/64" (2.0 mm), 10 qty.
#11Z549	T-094	Contact Tip, 3/32" (2.4 mm), 10 qty.
#12A755	TT-035	Tapered Contact Tip, .035" (.9 mm), 10 qty.
#12A756	TT-045	Tapered Contact Tip, .045" (1.2 mm), 10 qty.

#### Diffusers

Grainger SKU	Mfg. Model #	Details
#11Z535	DS-1	Diffuser, Small, 10 qty.
#11Z534	D-1	Diffuser, Large, 10 qty.



### Tregaskiss TOUGH LOCK™ Consumable Series

Use TOUGH LOCK Consumables to achieve lower operating costs and increase productivity! TOUGH LOCK Contact Tips are precision machined using a process that tightly controls tip tolerances. TOUGH LOCK Retaining Heads feature Dual Taper Technology - tapers at both ends keeping consumables locked from the tip to neck - which improves weld consistency.

#### Retaining Heads

Grainger SKU	Mfg. Model #	Details
#38VM19	404-18	Retaining Head, Dual Taper, Standard Duty, For Slip On Nozzle, 100 qty.
#38VM20	404-18-25	Retaining Head, Dual Taper, Standard Duty, For Slip On Nozzle, 25 qty.
#38VM21	404-26	Retaining Head, Dual Taper, Heavy Duty, For Slip On Nozzle, Semi-Automatic, 100 qty.
#38VM25	404-52-25	Retaining Head, Dual Taper, Heavy Duty, For Thread On Nozzle, Robotic, 25 qty.
#38VM27	404-32	Retaining Head, Dual Taper, Heavy Duty, For Slip On Nozzle, Robotic, 100 qty.

#### Nozzles

Grainger SKU	Mfg. Model #	Details
#38VM28	401-6-62	Nozzle, 5/8" Bore, 1/8" Recess, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM29	401-6-75	Nozzle, 3/4" Bore, 1/8" Recess, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM30	401-8-62	Nozzle, 5/8" Bore, 1/8" Stick Out, .938" O.D., Slip On, Copper, 10 qty.
#38VM31	401-81-62	Nozzle, 5/8" Bore, 1/8" Stick Out, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM32	401-6-50	Nozzle, 1/2" Bore, 1/8" Recess, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM33	401-14-62	Nozzle, 5/8" Bore, 1/8" Recess, 1.062" O.D., Thread On, Copper, 10 qty.
#38VM34	401-7-75	Nozzle, 3/4" Bore, 1/8" Recess, 1.106" O.D., Slip On, Brass, 10 qty.
#38VM35	401-18-62	Nozzle, 5/8" Bore, 1/8" Recess, .938" O.D., Thread On, Copper, 10 qty.
#38VM36	401-87-62	Nozzle, 5/8" Bore, 1/8" Stick Out, 1.062" O.D., Slip On, Brass, 10 qty.
#38VM37	401-4-50	Nozzle, 1/2" Bore, 1/8" Recess, .938" O.D., Slip On, Copper, 10 qty.
#38VM38	401-4-62	Nozzle, 5/8" Bore, 1/8" Recess, .938" O.D., Slip On, Copper, 10 qty.
#38VM39	401-5-62	Nozzle, 5/8" Bore, 1/4" Recess, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM40	401-5-75	Nozzle, 3/4" Bore, 1/4" Recess, 1.062" O.D., Slip On, Copper, 10 qty.
#38VM41	401-4-75	Nozzle, 3/4" Bore, 1/8" Recess, .938" O.D., Slip On, Copper, 10 qty.
#38VM42	401-4-38	Nozzle, 3/8" Bore, Flush, .938" O.D., Slip On, Copper, 10 qty.



For TOUGH LOCK Contact Tip part numbers flip to the back page. Additional options are available through Grainger Sourcing.

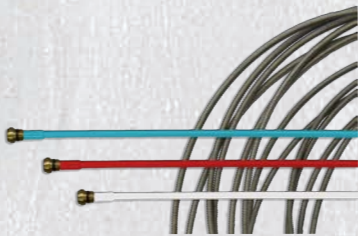
## Contact Tips

Grainger SKU	Mfg. Model #	Details
#38VL95	403-14-23-25	Contact Tip, .023" (.6 mm), Standard Duty, 25 qty.
#38VL96	403-14-30	Contact Tip, .030" (.8 mm), Standard Duty, 100 qty.
#38VL97	403-14-1.0	Contact Tip, .040" (1.0 mm), Standard Duty, 100 qty.
#38VL98	403-14-45	Contact Tip, .045" (1.2 mm), Standard Duty, 100 qty.
#38VL99	403-14-30-25	Contact Tip, .030" (.8 mm), Standard Duty, 25 qty.
#38VM01	403-14-35	Contact Tip, .035" (.9 mm), Standard Duty, 100 qty.
#38VM02	403-14-35-25	Contact Tip, .035" (.9 mm), Standard Duty, 25 qty.
#38VM03	403-14-45-25	Contact Tip, .045" (1.2 mm), Standard Duty, 25 qty.
#38VM04	403-12-30-25	Tapered Contact Tip, .030" (.8 mm), Standard Duty, 25 qty.
#38VM05	403-12-35-25	Tapered Contact Tip, .035" (.9 mm), Standard Duty, 25 qty.
#38VM06	403-12-45-25	Tapered Contact Tip, .045" (1.2 mm), Standard Duty, 25 qty.
#38VL91	403-20-35	Contact Tip, .035" (.9 mm), Heavy Duty, 100 qty.
#38VM17	403-20-1.0	Contact Tip, .040" (1.0 mm), Heavy Duty, 100 qty.
#38VL94	403-20-45	Contact Tip, .045" (1.2 mm), Heavy Duty, 100 qty.
#38VM07	403-20-45-25	Contact Tip, .045" (1.2 mm), Heavy Duty, 25 qty.
#38VL93	403-20-52	Contact Tip, .052" (1.3 mm), Heavy Duty, 100 qty.
#38VM08	403-20-52-25	Contact Tip, .052" (1.3 mm), Heavy Duty, 25 qty.
#38VM14	403-20-564	Contact Tip, 5/64", (2.0 mm), Heavy Duty, 100 qty.
#38VM15	403-20-116	Contact Tip, 1/16" (1.6 mm), Heavy Duty, 100 qty.
#38VM09	403-20-116-25	Contact Tip, 1/16" (1.6 mm), Heavy Duty, 25 qty.
#38VM10	403-21-30-25	Tapered Contact Tip, .030" (.8 mm), Heavy Duty, 25 qty.
#38VM11	403-21-35-25	Tapered Contact Tip, .035" (.9 mm), Heavy Duty, 25 qty.
#38VM12	403-21-45-25	Tapered Contact Tip, .045" (1.2 mm), Heavy Duty, 25 qty.
#38VM13	403-21-116-25	Tapered Contact Tip, 1/16" (1.6 mm), Heavy Duty, 25 qty.
#38VM16	403-27-1.0	Contact Tip, .040" (1.0 mm), Extended Life Heavy Duty, 100 qty.
#38VL92	403-27-45	Contact Tip, .045" (1.2 mm), Extended Life Heavy Duty, 100 qty.



Additional options are available through Grainger Sourcing.

## LINERS

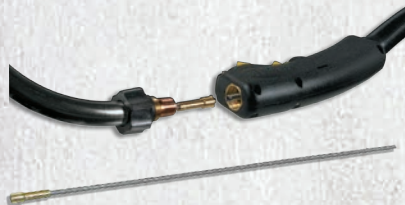


### Bernard Universal Conventional Liners

Universal conventional liners allow you to simplify and reduce your inventory and are made of high carbon music wire for smooth wire feed and long life.

Grainger SKU	Mfg. Model #	Details
#11Z557	L3A-15	.035" - .045", 15', White
#11Z558	L4A-15	.045" - 1/16", 15', Red
#11Z559	L6A-15	5/64", 15', Blue
#38VN85	L4A-25	.045" - 1/16", 25', Red

Additional liner wire sizes and lengths are available through Grainger Sourcing.



### Bernard Jump Liners

Bernard jump liners replace only the most commonly worn and clogged liner area to reduce the amount of time a gun is offline and minimize inventory and costs.

Grainger SKU	Mfg. Model #	Details
#11Z560	QJL-3545	.035" - .045", 27"
#11Z561	QJL-116	1/16", 27"



### Tregaskiss QUICK LOAD™ Liners

Innovative QUICK LOAD Liners install from the front of the MIG gun in less than half the time required to install conventional liners, increasing uptime, cost savings and safety.

Grainger SKU	Mfg. Model #	Details
#38VM43	415-35-15Q	.035" - .045", 15', White
#38VM44	415-116-15Q	1/16", 15', Red
#38VM45	415-26	.030" - 5/64", Retainer

For More Information, Contact your Grainger Representative or visit [Grainger.com](http://Grainger.com)

\*reference Grainger.com for all part numbers.

AVAILABLE THROUGH

**GRAINGER**  
FOR THE ONES WHO GET IT DONE