

<b>APPLICATIONS</b>	• Commercial Truck & Trailer • General Manufacturing & Fabrication • Heavy Equipment • Pipeline • Rail • Ship
<b>PROCESSES</b>	• MIG (GMAW) Welding
<b>RATED OUTPUT</b>	• 200A • 300A • 400A • 500A • 600A
<b>WIRE SIZE</b>	• 0.030" - 1/8" (0.8 mm-3.2 mm)
<b>DUTY CYCLE</b>	• 60% with Mixed Gases

## ENGINEERED FOR SIMPLICITY. BUILT FOR DURABILITY.

Industrial-grade BTB semi-automatic air-cooled MIG guns are engineered to accommodate each welder's neck, handle and trigger preferences for increased weld access, comfort and productivity. Plus, these gun variations can all be supported with a common line of high-performing consumables - **Featuring AccuLock™ S consumables** — which simplifies ongoing maintenance and inventory costs. This unique combination of gun configurability and simplified support provides a total cost of ownership that's difficult to match.

- Aluminum armored necks, available as either fixed or rotatable, withstand abuse and offer outstanding heat dissipation
- Compatible with your choice of AccuLock™ S, Centerfire™, or TOUGH LOCK® consumables on any front handle style
- AccuLock™ S liners, Bernard® conventional liners or QUICK LOAD® liners
- Available in 200, 300, 400, 500 and 600 amp models
- Choose your desired cable length: 10, 15, 20 or 25 feet.
- Available wire size ranges from 0.030" (0.8 mm) to 1/8" (3.2 mm)
- Straight rear strain relief with Lifetime Warranty now standard



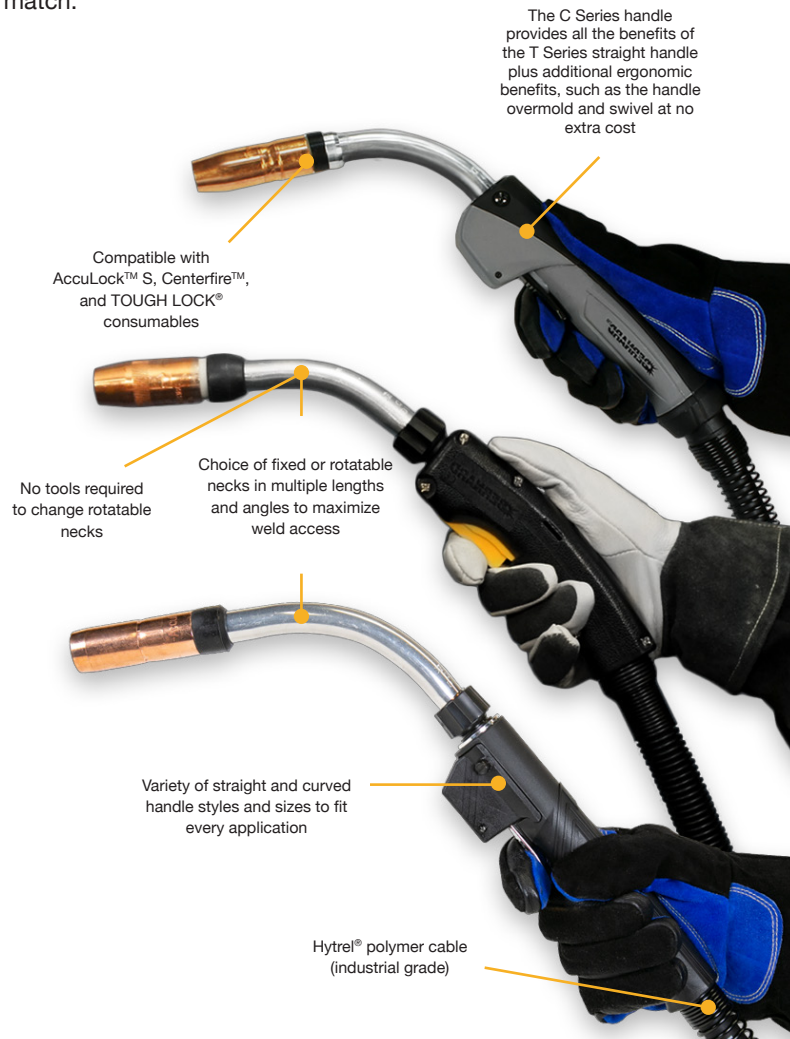
ONE YEAR WARRANTY



CONFIGURE YOUR MIG GUN ONLINE



FIND REPLACEMENT PARTS LIST



# CABLE OPTIONS

[CONFIGURABLE OPTION ONLINE]

## HYTREL® POLYMER CABLE (formally referred to as industrial grade cable)

### Details

The heavy duty Hytrel polymer cable features cotton wrapped copper and durable trigger leads surrounding a hytrel inner tube. The Hytrel polymer cable is compatible with all amperages, cable lengths and all handle styles and sizes.

NOTE: NOT ALL AMPERAGES ARE AVAILABLE IN EVERY HANDLE STYLE.

### Amperages

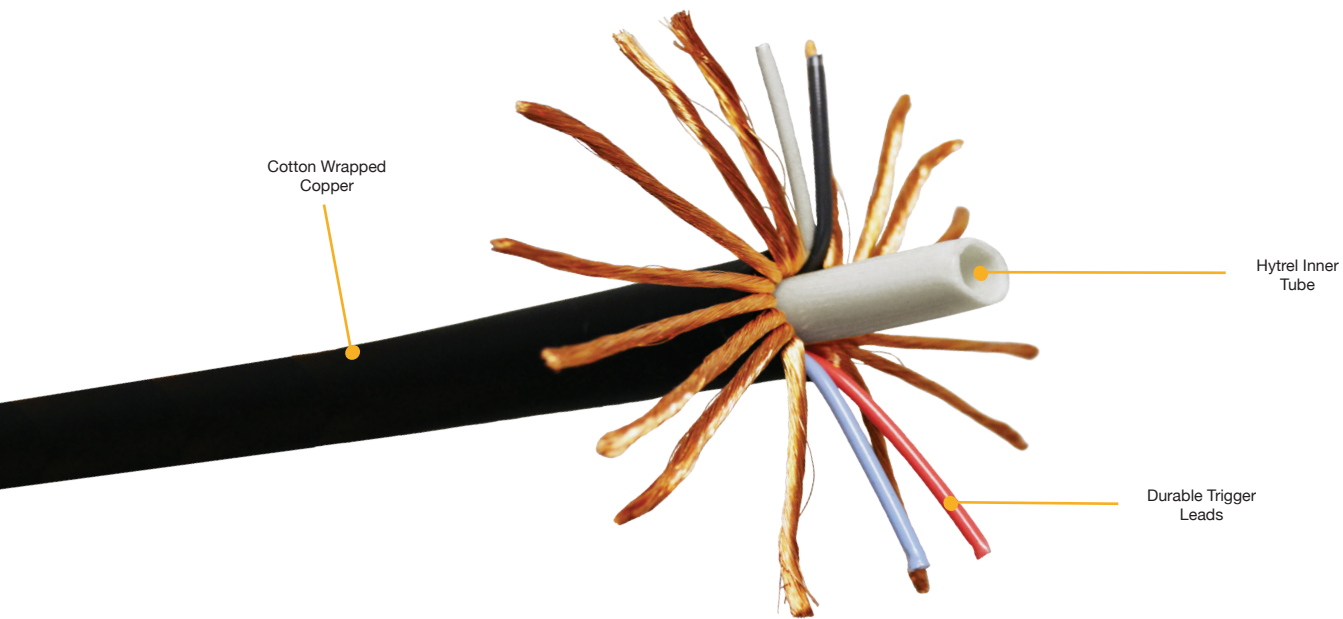
200 amp  
300 amp  
400 amp  
500 amp  
600 amp

### Cable Lengths

10 ft (3.05 m)  
15 ft (4.57 m)  
20 ft (6.10 m)  
25 ft (7.62 m)

### Handle Styles

**B Series**  
Curved handle  
Small curved handle  
**O Series**  
Curved handle  
Small curved handle  
**T Series**  
Straight handle  
Small straight handle  
**C Series**  
Straight handle



# HANDLE & TRIGGER OPTIONS

[CONFIGURABLE OPTION ONLINE]

Features	B Series Small Curved	B Series Curved	O Series Small Curved	O Series Curved	T Series Small Straight	T Series Straight	C Series Straight
Amperage	200, 300	400	200, 300, 400	400, 500, 600	200, 300	300, 400, 500, 600	200, 300, 400, 500
Style	Curved	Curved	Curved	Curved	Straight	Straight	Straight
Neck	Fixed or rotatable	Fixed or rotatable	Fixed or rotatable	Fixed or rotatable	Fixed	Fixed or rotatable	Fixed or rotatable
Trigger	Standard Locking Dual pull	Standard Locking Dual pull Dual schedule switch	Standard Locking	Standard Locking Dual pull Dual schedule switch	Standard	Standard Locking Dual pull Dual schedule switch	Standard Locking Dual pull Dual schedule switch Insight Ltd.

# NECK OPTIONS

[CONFIGURABLE OPTION ONLINE]

## FIXED NECKS

### T Series Small Straight Handles

205-45	45° short	315-45	45° medium	405-45NB	45° long
205-60	60° short	315-60	60° medium	405-60NB	60° long

### T Series and C Series Straight Handles

305-45	45° short	405-45	45° medium	505-45	45° long
305-60	60° short	405-60	60° medium	505-60	60° long

### B Series and O Series Curved Handles

QT2-45	45° short	QT3-45	45° medium	QT5-45	45° long
QT2-60	60° short	QT3-60	60° medium	QT5-60	60° long

## ROTATABLE NECKS

### B Series, O Series Curved Handles and T Series, C Series Straight Handles

QT2-45	45° short	QT3-45	45° medium	QT5-45	45° long
QT2-60	60° short	QT3-60	60° medium	QT5-60	60° long

NOTE: T SERIES SMALL HANDLES ARE NOT COMPATIBLE WITH ROTATABLE NECKS

## NECK INSULATORS

Users should be aware that neck insulator replacement for Bernard® BTB MIG guns is based on several variables including:

- Gun amperage
- Neck and handle combination
- Consumables series

Use the chart on the right to select the appropriate replacement neck insulator.

Neck & Handle	Consumables	200A	300A	400A	500A	600A
		Insulator Part Number				
Fixed necks for T, C Series straight handles	Centerfire™	4523R			4423R	
	TOUGH LOCK®		402-11			
	AccuLock™ S	402-11			402-11	
Rotatable necks for O, B, T, C Series handles	Centerfire™	4523R			4423R	
	TOUGH LOCK®		10012			
	AccuLock™ S	4623R			4623R	
Fixed necks for O, B Series handles	Centerfire™	4523R			4423R	
	TOUGH LOCK®		10012			
	AccuLock™ S	4623R			402-11	

# CONSUMABLES

[CONFIGURABLE OPTION ONLINE]

## ACCULOCK™ S CONSUMABLES

SEE ACCULOCK™ S CONSUMABLES SPEC SHEET (SP-ALS) FOR MORE INFORMATION AND ADDITIONAL OPTIONS THAT CAN BE ORDERED SEPARATELY



### Contact Tips

<b>T-A023CH</b>	0.023" (0.6 mm)	<b>T-A045CH</b>	0.045" (1.2 mm)	<b>T-A078CH</b>	5/64" (2.0 mm)
<b>T-A030CH</b>	0.030" (0.8 mm)	<b>T-A052CH</b>	0.052" (1.4 mm)	<b>T-A094CH</b>	3/32" (2.4 mm)
<b>T-A035CH</b>	0.035" (0.9 mm)	<b>T-A062CH</b>	1/16" (1.6 mm)	<b>T-A109CH</b>	7/64" (2.8 mm)
<b>T-A039CH</b>	0.039" (1.0 mm)	<b>T-A072CH</b>	0.072" (1.8 mm)	<b>T-A125CH</b>	1/8" (3.2 mm)

### Tapered Contact Tips

<b>TT-A023CH</b>	0.023" (0.6 mm)	<b>TT-A039CH</b>	0.039" (1.0 mm)	<b>TT-A052CH</b>	0.052" (1.4 mm)
<b>TT-A030CH</b>	0.030" (0.8 mm)	<b>TT-A045CH</b>	0.045" (1.2 mm)	<b>TT-A062CH</b>	1/16" (1.6 mm)
<b>TT-A035CH</b>	0.035" (0.9 mm)				

### Nozzles - Large

<b>N-A3400C</b>	3/4" bore, flush, copper	<b>N-A3414B</b>	3/4" bore, 1/4" recess, brass	<b>N-A5814C</b>	5/8" bore, 1/4" recess, copper
<b>N-A3418C</b>	3/4" bore, 1/8" recess, copper	<b>N-A5800C</b>	5/8" bore, flush, copper	<b>N-A5818B</b>	5/8" bore, 1/8" recess, brass
<b>N-A3414C</b>	3/4" bore, 1/4" recess, copper	<b>N-A5818C</b>	5/8" bore, 1/8" recess, copper	<b>N-A5814B</b>	5/8" bore, 1/4" recess, brass
<b>N-A3418B</b>	3/4" bore, 1/8" recess, brass				

### Nozzles - Small

<b>NS-A5800C</b>	5/8" bore, flush, copper	<b>NS-A1200B</b>	1/2" bore, flush, brass	<b>NST-A3800B</b>	3/8" bore, flush, brass
<b>NS-A5818C</b>	5/8" bore, 1/8" recess, copper	<b>NS-A1218B</b>	1/2" bore, 1/8" recess, brass	<b>NST-A3818B</b>	3/8" bore, 1/8" recess, brass
<b>NS-A5800B</b>	5/8" bore, flush, brass	<b>NS-A1218C</b>	1/2" bore, 1/8" recess, copper	<b>NST-A38XTB</b>	3/8" bore, 1/8" ext., brass
<b>NS-A5818B</b>	5/8" bore, 1/8" recess, brass			<b>NST-A1218B</b>	1/2" bore, 1/8" recess, brass

### Diffusers

FOR USE WITH ACCULOCK™ S LINERS (FRONT-LOADING)

<b>D-A1</b>	Large, brass, thread-on	<b>DS-A1</b>	Small, brass, thread-on
<b>D-A2</b>	Large, brass, slip-on	<b>DS-A2</b>	Small, brass, slip-on

### Diffusers

FOR USE WITH BERNARD® CONVENTIONAL LINERS ON MILLER® PACKAGES (REAR-LOADING)

<b>D-A1-C</b>	Large, brass, thread-on	<b>DS-A1-C</b>	Small, brass, thread-on
<b>D-A2-C</b>	Large, brass, slip-on	<b>DS-A2-C</b>	Small, brass, slip-on

## ACCULOCK™ S LINERS (FRONT-LOADING)

SEE ACCULOCK™ S CONSUMABLES SPEC SHEET (SP-ALS) FOR MORE INFORMATION AND ADDITIONAL OPTIONS THAT CAN BE ORDERED SEPARATELY

### 10' (3.05 m) Gun Lengths

<b>LA1A-10</b>	for 0.023" - 0.030" wire	<b>LAD4A-10</b>	for 0.045" - 1/16" wire	<b>LA7A-10</b>	for 3/32" wire
<b>LA2A-10</b>	for 0.030" - 0.035" wire	<b>LA6A-10</b>	for 5/64" wire	<b>LA8A-10</b>	for 7/64" - 1/8" wire
<b>LAD3A-10</b>	for 0.035" - 0.045" wire				

### 15' (4.57 m) Gun Lengths

<b>LA1A-15</b>	for 0.023" - 0.030" wire	<b>LAD4A-15</b>	for 0.045" - 1/16" wire	<b>LA7A-15</b>	for 3/32" wire
<b>LA2A-15</b>	for 0.030" - 0.035" wire	<b>LA6A-15</b>	for 5/64" wire	<b>LA8A-15</b>	for 7/64" - 1/8" wire
<b>LAD3A-15</b>	for 0.035" - 0.045" wire				

### 20' (6.10 m) Gun Lengths

<b>LA1A-20</b>	for 0.023" - 0.030" wire	<b>LAD4A-20</b>	for 0.045" - 1/16" wire	<b>LA7A-20</b>	for 3/32" wire
<b>LA2A-20</b>	for 0.030" - 0.035" wire	<b>LA6A-20</b>	for 5/64" wire	<b>LA8A-20</b>	for 7/64" - 1/8" wire
<b>LAD3A-20</b>	for 0.035" - 0.045" wire				

### 25' (7.62 m) Gun Lengths

<b>LA1A-25</b>	for 0.023" - 0.030" wire	<b>LAD4A-25</b>	for 0.045" - 1/16" wire	<b>LA7A-25</b>	for 3/32" wire
<b>LA2A-25</b>	for 0.030" - 0.035" wire	<b>LA6A-25</b>	for 5/64" wire	<b>LA8A-25</b>	for 7/64" - 1/8" wire
<b>LAD3A-25</b>	for 0.035" - 0.045" wire				

## ACCULOCK™ S POWER PINS AND POWER PIN CAPS

	Power Pin	Power Pin Cap	Cap Washer Color	Compatible Wire Size
<b>Miller®</b>	2200206	2200351	Yellow	0.023" (0.6 mm) - 0.030" (0.8 mm)
		2200352	Green	0.030" (0.8 mm) - 0.035" (0.9 mm)
		2200353	White	0.035" (0.9 mm) - 0.45" (1.2 mm)
		2200354	Red	0.045" (1.2 mm) - 1/16" (1.6 mm)
		2200355	Blue	5/64" (2.0 mm)
	2200207	2200356	Grey	3/32" (2.4 mm)
		2200357	Black	7/64" (2.8 mm) - 1/8" (3.2 mm)
<b>Lincoln®</b>	2200210	2200309	Yellow	0.023" (0.6 mm) - 0.030" (0.8 mm)
		2200310	Green	0.030" (0.8 mm) - 0.035" (0.9 mm)
		2200311	White	0.035" (0.9 mm) - 0.45" (1.2 mm)
		2200312	Red	0.045" (1.2 mm) - 1/16" (1.6 mm)
		2200313	Blue	5/64" (2.0 mm)
	2200211	2200314	Grey	3/32" (2.4 mm)
		2200315	Black	7/64" (2.8 mm) - 1/8" (3.2 mm)
<b>Tweco® #4</b>	2200150	2200281	Yellow	0.023" (0.6 mm) - 0.030" (0.8 mm)
		2200282	Green	0.030" (0.8 mm) - 0.035" (0.9 mm)
		2200283	White	0.035" (0.9 mm) - 0.45" (1.2 mm)
		2200284	Red	0.045" (1.2 mm) - 1/16" (1.6 mm)
		2200285	Blue	5/64" (2.0 mm)
	2200151	2200286	Grey	3/32" (2.4 mm)
		2200287	Black	7/64" (2.8 mm) - 1/8" (3.2 mm)
<b>Tweco® #5</b>	2200156	2200295	Yellow	0.023" (0.6 mm) - 0.030" (0.8 mm)
		2200296	Green	0.030" (0.8 mm) - 0.035" (0.9 mm)
		2200297	White	0.035" (0.9 mm) - 0.45" (1.2 mm)
		2200298	Red	0.045" (1.2 mm) - 1/16" (1.6 mm)
		2200299	Blue	5/64" (2.0 mm)
	2200157	2200300	Grey	3/32" (2.4 mm)
		2200301	Black	7/64" (2.8 mm) - 1/8" (3.2 mm)

IMPORTANT NOTE: TO CONVERT ANY BERNARD® BTB MIG GUN WITH A MILLER®, LINCOLN®, TWECO® #4, TWECO® #5, AND EURO POWER PIN, PLEASE FOLLOW THE ABOVE CHART TO IDENTIFY THE POWER PIN AND CAP NEEDED FOR THE ACCULOCK™ S CONSUMABLES SYSTEM. NEED EXTRA SET SCREWS? ORDER 2300023P FOR A PACKAGE OF (10) 1/4-20 X 3/16", LONG CUP POINT SET SCREWS.

## CENTERFIRE™ CONSUMABLES

SEE CENTERFIRE™ CONSUMABLES SPEC SHEET ([SP-CFC](#)) FOR MORE INFORMATION AND ADDITIONAL OPTIONS THAT CAN BE ORDERED SEPARATELY



### Contact Tips

<b>T-023</b>	0.023" (0.6 mm)	<b>T-045</b>	0.045" (1.2 mm)	<b>T-094</b>	3/32" (2.4 mm)
<b>T-030</b>	0.030" (0.8 mm)	<b>T-052</b>	0.052" (1.4 mm)		
<b>T-035</b>	0.035" (0.9 mm)	<b>T-062</b>	1/16" (1.6 mm)		
<b>T-039</b>	0.039" (1.0 mm)	<b>T-078</b>	5/64" (2.0 mm)		

### Aluminum-Specific Contact Tips

<b>T-035AL</b>	0.035" (0.9 mm)	<b>T-047AL</b>	3/64" (1.2 mm)	<b>T-062AL</b>	1/16" (1.6 mm)
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### Nozzles

<b>NS-1218B</b>	1/2" bore, 1/8" recess, brass	<b>N-5818C</b>	5/8" bore, 1/8" recess, copper
<b>NS-5818C</b>	5/8" bore, 1/8" recess, copper	<b>N-5814C</b>	5/8" bore, 1/4" recess, copper
		<b>N-3414C</b>	3/4" bore, 1/4" recess, copper

### Diffusers

<b>DS-1</b>	Small, brass	<b>D-1</b>	Large, brass
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## TOUGH LOCK® STANDARD DUTY CONSUMABLES

SEE TOUGH LOCK® CONSUMABLES SPEC SHEET ([SP-TLC](#)) FOR MORE INFORMATION AND ADDITIONAL OPTIONS



### Contact Tips

<b>403-14-23</b>	0.023" (0.6 mm)
<b>403-14-30</b>	0.030" (0.8 mm)
<b>403-14-35</b>	0.035" (0.9 mm)*

### Nozzles

<b>401-4-62</b>	5/8" bore, 1/8" recess, copper
<b>403-14-45</b>	0.045" (1.2 mm)*

### Retaining Heads

<b>404-18</b>	Brass
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## TOUGH LOCK® HEAVY DUTY CONSUMABLES

### Contact Tips

<b>403-20-30</b>	0.030" (0.8 mm)	<b>403-20-116</b>	1/16" (1.6 mm)*
<b>403-20-35</b>	0.035" (0.9 mm)*	<b>403-20-564</b>	5/64" (2.0 mm)
<b>403-20-1.0</b>	0.039" (1.0 mm)	<b>403-20-332</b>	3/32" (2.4 mm)
<b>403-20-45</b>	0.045" (1.2 mm)*	<b>403-20-364</b>	3/64" (1.2 mm) aluminum
<b>403-20-52</b>	0.052" (1.4 mm)		

### Nozzles

<b>401-6-62</b>	5/8" bore, 1/8" recess, copper
<b>401-5-62</b>	5/8" bore, 1/4" recess, copper
<b>401-5-75</b>	3/4" bore, 1/4" recess, copper

### Retaining Heads

<b>404-26</b>	Dual taper, brass
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## ACCULOCK™ S LINERS [FRONT-LOADING]

Please see page 4

\*PART NUMBER ALSO APPLICABLE FOR ALUMINUM WIRE IN CORRESPONDING SIZE

# CONSUMABLES

[CONTINUED]

## QUICK LOAD® LINERS (FRONT-LOADING)

SEE QUICK LOAD® LINER ([SP-QLL](#)) FOR MORE INFORMATION

### 10' (3.05 m) Gun Lengths

<b>415-35-10Q</b>	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire	<b>415-116-10Q</b>	for 0.045" (1.2 mm) - 1/16" (1.6 mm) wire
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### 15' (4.57 m) Gun Lengths

<b>415-23-15Q</b>	for 0.023" (0.6 mm) wire	<b>415-116-15Q</b>	for 0.052" (1.3 mm) - 1/16" (1.6 mm) wire
<b>415-30-15Q</b>	for 0.030" (0.8 mm) wire	<b>415-564-15Q</b>	for 5/64" (2.0 mm) wire
<b>415-35-15Q</b>	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire		

### 25' (7.62 m) Gun Lengths

<b>415-23-25Q</b>	for 0.023" (0.6 mm) wire	<b>415-116-25Q</b>	for 0.052" (1.3 mm) - 1/16" (1.6 mm) wire
<b>415-30-25Q</b>	for 0.030" (0.8 mm) wire	<b>415-564-25Q</b>	for 5/64" (2.0 mm) wire
<b>415-35-25Q</b>	for 0.035" (0.9 mm) - 0.045" (1.2 mm) wire		

### Liner Retainers (required for initial installation)

<b>415-26</b>	for 0.035" - 5/64" wire
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## BERNARD® CONVENTIONAL LINERS (REAR-LOADING)

SEE BERNARD® CONVENTIONAL LINER SPEC SHEET ([SP-L](#)) FOR MORE INFORMATION

### 10' (3.05 m) Gun Lengths

<b>L3A-10</b>	for 0.035" - 0.045" wire	<b>L4A-10</b>	for 0.045" - 1/16" wire
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### 15' (4.57 m) Gun Lengths

<b>L1A-15</b>	for 0.023" - 0.030" wire	<b>L4A-15</b>	for 0.045" - 1/16" wire**	<b>L7A-15</b>	for 3/32" wire
<b>L2A-15</b>	for 0.030" - 0.035" wire	<b>L6A-15</b>	for 5/64" wire	<b>L8A-15</b>	for 7/64" - 1/8" wire
<b>L3A-15</b>	for 0.035" - 0.045" wire*				

### 25' (7.62 m) Gun Lengths

<b>L1A-25</b>	for 0.023" - 0.030" wire	<b>L4A-25</b>	for 0.045" - 1/16" wire**	<b>L7A-25</b>	for 3/32" wire
<b>L2A-25</b>	for 0.030" - 0.035" wire	<b>L6A-25</b>	for 5/64" wire	<b>L8A-25</b>	for 7/64" - 1/8" wire
<b>L3A-25</b>	for 0.035" - 0.045" wire*				

## CONVENTIONAL LINERS FOR ALUMINUM WIRE (REAR-LOADING)

### 15' (4.57 m) Gun Lengths

<b>415-45-03</b>	Polymer liner for 0.035" - 3/64" wire	<b>415-116-2</b>	Steel wrapped nylon liner for 0.045" - 1/16" wire
<b>415-35-2</b>	Steel wrapped nylon liner for 0.035" - 0.045" wire	<b>415-116-23</b>	Polymer liner for 3/64" - 1/16" wire

### 25' (7.62 m) Gun Lengths

<b>415-45-04</b>	Steel wrapped nylon liner for 0.035" - 0.045" wire
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### Jump Liners

<b>415-25</b>	Bronze jump liner for polymer liner
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\*STANDARD LINER FOR 0.035" & 0.045" GUNS    \*\*STANDARD LINER FOR 1/16" GUNS

# POWER PINS

[CONFIGURABLE OPTION ONLINE]

SEE BERNARD® POWER PIN SPEC SHEET ([SP-PPK](#)) FOR MORE INFORMATION

## MILLER®

1880259M Power pin kit  
2200137 Power pin (Includes O-rings)

### AccuLock™ S Pins and Caps

PLEASE SEE PAGE 5

214-116 for 0.023"- 1/16"  
214-332 for 5/64"-1/8"  
214-9 for aluminum

## LINCOLN®

1880259L Power pin kit  
GLM1 External gas line  
214-2-1 Power pin

### Acculock™ S Pins and Caps

PLEASE SEE PAGE 5

## EURO

1880259E Power pin kit  
5060T Euro Block Assembly  
4816 Adaptor Nut

## TWECO® #4

1880259T4 Power pin kit  
214 Power pin (Includes O-rings)

### AccuLock™ S Pins and Caps

PLEASE SEE PAGE 5

## TWECO® #5

1880259T5 Power pin kit  
214-12 Power pin (Includes O-rings)

### AccuLock™ S Pins and Caps

PLEASE SEE PAGE 5





## BERNARD® JUMP LINERS

[INCLUDED WITH AND TO BE USED WITH ROTATABLE NECK OPTION GUNS]

Jump liners replace only the most commonly worn and clogged liner area to reduce the amount of time a gun is offline and to minimize inventory. These jump liners enable quick and easy neck change-out so guns can be easily adapted to fit multiple applications.

The Bernard® Jump Liners connect with conventional liners at the base of the neck and run through the most commonly worn area up to the contact tip.

*For use with Rotatable Neck option guns.*

<b>QJL-3545</b>	0.035" - 0.045" (0.9 mm - 1.2 mm)	14"
<b>QJL-116</b>	1/16" (1.6 mm)	14"

NOTE: NOT COMPATIBLE WITH ACCULOCK™ S FRONT LOADING DUAL-LOCKED LINERS  
SEE BERNARD® JUMP LINER SPEC SHEET (SP-JL) FOR MORE INFORMATION



## FLEX NECKS

### FOR B SERIES AND O SERIES HANDLES, AND C SERIES HANDLES CONFIGURED WITH ROTATABLE NECKS

Save labor and time — change, rotate or bend the flex neck to your desired angle without tools. The connection improves conductivity for better weld quality and lessens heat to increase operator comfort. Available in 6" and 8" lengths and is easily removable for jump liner changover. Compatible with new Bernard® AccuLock™ S, Centerfire™ and TOUGH LOCK® Consumables.

<b>QT-F-6</b>	6" length
<b>QT-F-8</b>	8" length
<b>1680085C</b>	Rotatable adaptor (required for use with C Series handles only)
<b>1680085</b>	Rotatable adaptor (required for use with T Series handles only)

# ACCESSORIES

[NOT CONFIGURABLE, PLEASE ORDER SEPARATELY]

## NECK GRIPS



### FOR CURVED HANDLE MIG GUNS

This high temperature rubber sleeve for curved handle MIG guns provides the operator with improved accuracy and reduced heat exposure. The Q-Neck grip is designed to help users hold the neck in a steady position, improve overall weld quality and reduce operator fatigue.

**1840067**



### FOR T SERIES AND C SERIES HANDLES

This neck grip features a heavy duty metal spring for straight handle MIG guns configured with fixed necks. Designed to reduce heat exposure and help users hold the neck in a steady position in order to improve weld quality and reduce operator fatigue.

**406-1** 60°

**406-2** 45°

## Q-NECK COUPLER



The Q-Neck coupler is designed to connect any two Q-Necks for flexibility and to minimize the need for special-order necks. Compatible with any rotatable necks.

**QT-CPL**

## ADDITIONAL ACCESSORIES

### Gun Hanger

Store your Bernard® MIG gun neatly and efficiently between welds with this gun hanger.

- 422H** Compatible with fixed or rotatable necks
- 1790002** Compatible with all B Series handles



### Heat Shield

Our durable heat shield reduces heat exposure from the weld, protecting the user's hand and improving operator comfort and weld quality.

- 421** Compatible with fixed or rotatable necks

### HANDLE REPLACEMENT KITS

#### B Series and B Series Small

- 1880155** 200, 300 amp (standard, locking, dual pull)
- 1880198** 400 amp (standard, locking, dual pull)
- DSA-1** 400 amp dual schedule (standard, locking)

#### O Series Small

- 1880219** 200, 300, 400 amp (standard, locking)
- 177370** 200, 300, 400 (standard with ext.)

#### O Series

- 1880220** 400, 500, 600 amp (standard, locking, dual pull)
- 1880221** 400, 500, 600 amp dual schedule (standard, locking)

#### T Series Small

- 320** 300 amp (standard)

# NOTES

# ORDERING INFORMATION

Amperage	Length	Handle & Trigger Option	Neck Option	Consumables	Wire Sizes	Power Pin	Liner Type
<b>Q40</b>	<b>15</b>	<b>A</b>	<b>E</b>	<b>4</b>	<b>D</b>	<b>M</b>	<b>A</b>
<b>HYTREL POLYMER CABLE</b>  <b>Q20</b> 200 amp Max. wire size 1/16"  <b>Q30</b> 300 amp Max. wire size 5/64"  <b>Q40</b> 400 amp Max. wire size 5/64"  <b>Q50</b> 500 amp Max. wire size 3/32"  <b>Q60</b> 600 amp Max. wire size 1/8"	10 ft. (3.05 m)  15 ft. (4.57 m)  20 ft. (6.16 m)  25 ft. (7.63 m)	<b><u>B SERIES SMALL CURVED HANDLE Q20, Q30</u></b>  <b>A</b> Standard trigger <b>B</b> Locking trigger <b>C</b> Dual pull trigger  <b><u>B SERIES CURVED HANDLE Q40</u></b>  <b>A</b> Standard trigger <b>B</b> Locking trigger <b>C</b> Dual pull trigger <b>D</b> Dual schedule switch  <b><u>O SERIES CURVED HANDLE Q40, Q50, Q60</u></b>  <b>G</b> Standard trigger <b>H</b> Locking trigger <b>I</b> Dual pull trigger <b>K</b> Dual schedule switch  <b><u>T SERIES STRAIGHT HANDLE Q30, Q40, Q50, Q60</u></b>  <b>M</b> Standard trigger <b>N</b> Locking trigger <b>P</b> Dual pull trigger <b>Q</b> Dual schedule switch  <b><u>T SERIES SMALL STRAIGHT HANDLE Q20, Q30</u></b>  <b>S</b> Standard trigger  <b><u>O SERIES SMALL CURVED HANDLE Q20, Q30, Q40</u></b>  <b>T</b> Standard trigger <b>U</b> Locking trigger  <b><u>C SERIES STRAIGHT HANDLE Q30, Q40, Q50</u></b>  <b>V</b> Standard trigger <b>X</b> Dual pull trigger <b>Y</b> Dual schedule switch <b>J</b> Insight Limited <sup>†</sup>	<b>ROTATABLE<sup>†</sup></b>  <b>B</b> Short 45° <b>C</b> Short 60° <b>E</b> Medium 45° <b>F</b> Medium 60° <b>H</b> Long 45° <b>I</b> Long 60°  <b>FIXED</b>  <b>O</b> Short 45° <b>P</b> Short 60° <b>R</b> Medium 45° <b>S</b> Medium 60° <b>U</b> Long 45° <b>V</b> Long 60°	<b>4</b> AccuLock™ S <sup>††</sup> <b>3</b> TOUGH LOCK <sup>®^^</sup> <b>8</b> Centerfire™ <sup>^</sup> <b>9</b> AccuLock™ S <sup>†††</sup>	<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)  <b>ALUMINUM</b>  <b>Q</b> 0.035"(.9 mm) <b>R</b> 3/64"(1.19 mm) <b>S</b> 1/16"(1.6 mm)*	<b>E</b> Euro <b>L</b> Lincoln® <b>M</b> Miller® <b>R</b> Tweco® #4 (Miller lead) <b>S</b> Tweco® #4 (Lincoln lead) <b>T</b> Tweco® #4 (std. lead) <b>U</b> Tweco® #4 (NAS plug) <b>W</b> Tweco® #5 (std. lead) <b>X</b> Tweco® #5 (Miller lead)	<b>A</b> AccuLock™ S liner <sup>†††</sup> <b>C</b> Conventional liner <b>Q</b> QUICK LOAD® liner

†NOT COMPATIBLE WITH T SERIES SMALL STRAIGHT HANDLE STYLES.

††NOT COMPATIBLE WITH ACCULOCK S LINER TYPE "A"

†††COMPATIBLE ONLY WITH ACCULOCK™ CONTACT TIP OPTION.

†††† COMPATIBLE WITH BERNARD® CONVENTIONAL LINERS ON MILLER® PACKAGES.

^AVAILABLE FOR WIRE SIZES UP TO 1/16" FOR 200 AMP GUNS; AVAILABLE FOR WIRE SIZES UP TO 5/64" FOR 300 AND 400 AMP GUNS; AVAILABLE FOR WIRE SIZES UP TO 7/64" FOR 500 AMP GUNS; AVAILABLE FOR WIRE SIZES UP TO 1/8" FOR 600 AMP GUNS.

^^AVAILABLE FOR WIRE SIZES UP TO 5/64" FOR 300 AND 400 AMP GUNS; AVAILABLE FOR WIRE SIZES UP TO 3/32" FOR 500 AND 600 AMP GUNS; NOT AVAILABLE FOR 200 AMP GUNS.

\*AVAILABLE FOR WIRE SIZES BETWEEN 0.023" AND 3/32"; AVAILABLE FOR CABLE LENGTHS UP TO 15 FT (4.57M); NOT COMPATIBLE WITH ALUMINUM WIRE.

‡AVAILABLE ONLY WITH MILLER® POWER PIN.

**CONFIGURE YOUR MIG GUN OR REVERSE  
LOOKUP YOUR EXISTING GUN PART NUMBER  
TO FIND YOUR REPLACEMENT PARTS LIST!**



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