

|                     |  |
|---------------------|--|
| <b>APPLICATIONS</b> | • Commercial Truck & Trailer • General Manufacturing & Fabrication • Heavy Equipment<br>• 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"<br>(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
- Configurable with your choice of AccuLock™ S or Centerfire™ consumables on any front handle style
- Front Load, Rear Load and E-Z Feed™ Liners (for select wire sizes)
- 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



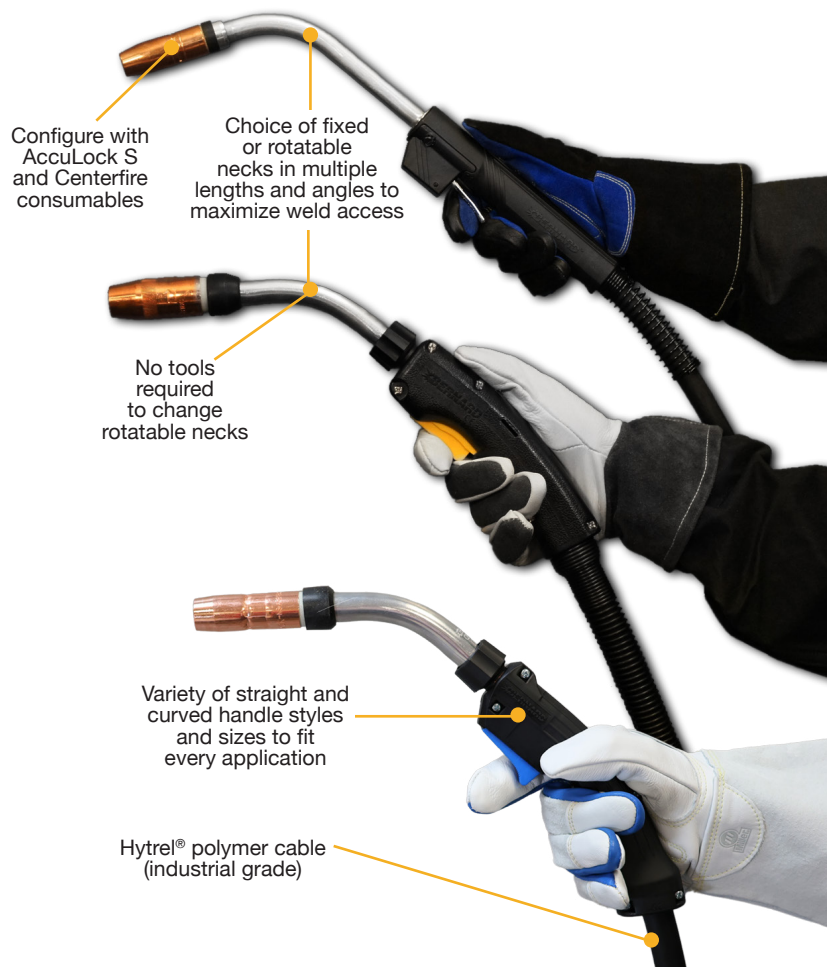
**ONE YEAR  
WARRANTY**



**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

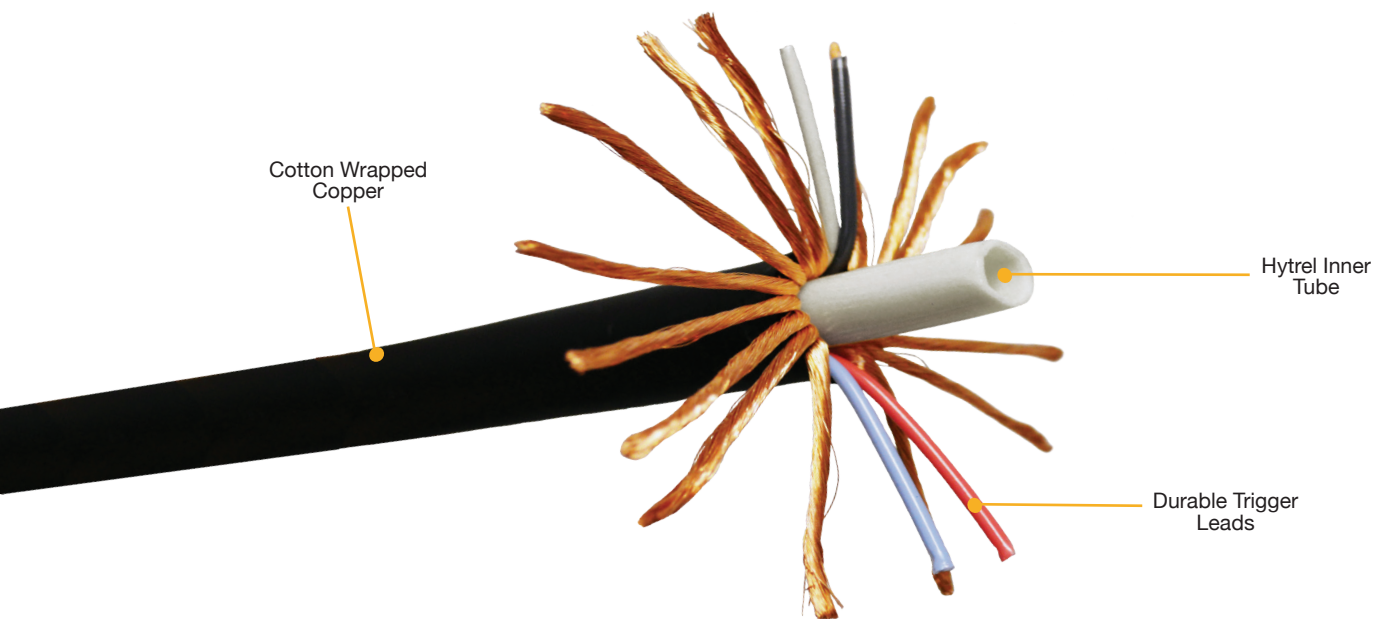
10 ft (3.05 m)  
15 ft (4.57 m)  
20 ft (6.10 m)  
25 ft (7.62 m)

### Handle Styles

**B Series**  
Curved handle  
Small curved handle

**O Series**  
Small curved handle

**T Series**  
Straight handle  
Small straight handle



# HANDLE & TRIGGER OPTIONS

[CONFIGURABLE OPTION ONLINE]

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

# 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 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 Small 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 Small Curved Handles and T 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 Series straight handles  | Centerfire  | 4523R                 |      |      | 4423R  |      |
|  | AccuLock S  | 402-11                |      |      | 402-11 |      |
| Rotatable necks for O, B, T Series handles | Centerfire  | 4523R                 |      |      | 4423R  |      |
|  | AccuLock S  | 4623R                 |      |      | 4623R  |      |
| Fixed necks for O, B Series handles        | Centerfire  | 4523R                 |      |      | 4423R  |      |
|  | 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) |                                  |                                  |

### Aluminum-Specific Contact Tips

|                                 |                                |                                |
|---------------------------------|--------------------------------|--------------------------------|
| <b>T-A035AL</b> 0.035" (0.9 mm) | <b>T-A047AL</b> 3/64" (1.2 mm) | <b>T-A062AL</b> 1/16" (1.6 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 FRONT LOAD LINERS

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <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® REAR LOAD LINERS ON MILLER® PACKAGES

|                                       |  |
|---------------------------------------|--|
| <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   |

## FRONT LOAD LINERS

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 (E-Z Feed Liner) | <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 (E-Z Feed Liner) |  |                                      |

### 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 (E-Z Feed Liner) | <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 (E-Z Feed Liner) |  |                                      |

### 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 (E-Z Feed Liner) | <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 (E-Z Feed Liner) |  |                                      |

### 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 (E-Z Feed Liner) | <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 (E-Z Feed Liner) |  |                                      |

# CONSUMABLES

[CONTINUED]

## 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) |
|----------------|-----------------|----------------|----------------|----------------|----------------|

### 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 |
|-------------|--------------|------------|--------------|



## FRONT LOAD LINERS

Please see page 4

## REAR LOAD LINERS

SEE BERNARD REAR LOAD LINER SPEC SHEET ([SP-BER-RLL](#)) FOR MORE INFORMATION



REAR LOAD LINER

### 10' (3.05 m) Gun Lengths

**LD3A-15\*** for 0.035" - 0.045" wire\*

**LD4A-15\*** for 0.045" - 1/16" wire\*\*

### 15' (4.57 m) Gun Lengths

**L1A-15** for 0.023" - 0.030" wire

**L2A-15** for 0.030" - 0.035" wire

**LD3A-15** for 0.035" - 0.045" wire\*

**LD4A-15** for 0.045" - 1/16" wire\*\*

**L6A-15** for 5/64" wire

**L7A-15** for 3/32" wire

**L8A-15** for 7/64" - 1/8" wire

### 25' (7.62 m) Gun Lengths

**L1A-25** for 0.023" - 0.030" wire

**L2A-25** for 0.030" - 0.035" wire

**LD3A-25** for 0.035" - 0.045" wire\*

**LD4A-25** for 0.045" - 1/16" wire\*\*

**L6A-25** for 5/64" wire

**L7A-25** for 3/32" wire

**L8A-25** for 7/64" - 1/8" wire

• E-Z FEED LINER TECHNOLOGY

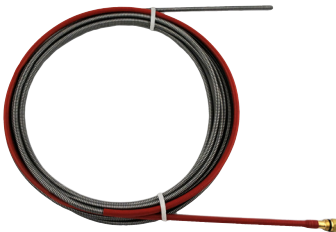
\* STANDARD LINER FOR 0.035" & 0.045" GUNS

\*\*STANDARD LINER FOR 1/16" GUNS

## E-Z FEED™ REAR LOAD LINERS

E-Z Feed Rear Load liners feature a unique profile and corrosion resistant coating that improves wire feedability through the MIG gun. Its design shields wire from moisture and humidity while reinforcing rigidity for better wire support. The E-Z Feed liner technology is especially effective for feeding hard-to-feed wires like metal-cored and stainless steel.

STANDARD LINER FOR BTB MIG GUNS CONFIGURED WITH REAR LOAD LINER AND ACCULOCK S ALUMINUM CONTACT TIP OPTIONS.



E-Z FEED REAR LOAD LINER

## REAR LOAD LINERS FOR ALUMINUM WIRE

### 15' (4.57 m) Gun Lengths

**415-45-03** Polymer liner for 0.035" - 3/64" wire

**415-35-2** Steel wrapped nylon liner for 0.035" - 0.045" wire

**415-116-2**

Steel wrapped nylon liner for 0.045" - 1/16" wire

**415-116-23**

Polymer liner for 3/64" - 1/16" wire

### 25' (7.62 m) Gun Lengths

**415-45-04**

Steel wrapped nylon liner for 0.035" - 0.045" wire

### Jump Liners

**415-25**

Bronze jump liner for polymer liner

STANDARD LINER FOR BTB MIG GUNS CONFIGURED WITH CENTER ALUMINUM CONTACT TIP OPTIONS.

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

### AccuLock S Pins and Caps

PLEASE SEE PAGE 5

## 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

# ADDITIONAL OPTIONS

[NOT CONFIGURABLE, ORDER SEPARATELY]



## BERNARD® JUMP LINERS

The Bernard Jump Liners connect with rear load 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 FRONT LOAD DUAL-LOCKED LINERS  
SEE BERNARD JUMP LINER SPEC SHEET (SP-JL) FOR MORE INFORMATION



## FLEX NECKS

### FOR B SERIES AND O SERIES SMALL 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 Bernard AccuLock S and Centerfire Consumables.

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

# ACCESSORIES

[NOT CONFIGURABLE, 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 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.

|              |     |
|--------------|-----|
| <b>406-1</b> | 60° |
| <b>406-2</b> | 45° |

# ACCESSORIES

[NOT CONFIGURABLE, ORDER SEPARATELY]

## 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.)

#### T Series Small

- 320** 300 amp (standard)

### CABLE REPAIR KITS

- 313-8** Cable repair kit, 300 amp
- 413-7** Cable repair kit, 400 amp
- 513-7** Cable repair kit, 500 amp
- 613-7** Cable repair kit, 600 amp

# 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><br><br><b>Q20</b> 200 amp<br>Max. wire size 1/16"<br><br><b>Q30</b> 300 amp<br>Max. wire size 5/64"<br><br><b>Q40</b> 400 amp<br>Max. wire size 5/64"<br><br><b>Q50</b> 500 amp<br>Max. wire size 3/32"<br><br><b>Q60</b> 600 amp<br>Max. wire size 1/8" | <b>10 ft.</b><br>(3.05 m)<br><br><b>15 ft.</b><br>(4.57 m)<br><br><b>20 ft.</b><br>(6.16 m)<br><br><b>25 ft.</b><br>(7.63 m) | <u><b>B SERIES SMALL CURVED HANDLE Q20, Q30</b></u><br><br><b>A</b> Standard trigger<br><b>B</b> Locking trigger<br><b>C</b> Dual pull trigger<br><br><u><b>B SERIES CURVED HANDLE Q40</b></u><br><br><b>A</b> Standard trigger<br><b>B</b> Locking trigger<br><b>C</b> Dual pull trigger<br><b>D</b> Dual schedule switch<br><br><u><b>T SERIES STRAIGHT HANDLE Q30, Q40, Q50, Q60</b></u><br><br><b>M</b> Standard trigger<br><b>N</b> Locking trigger<br><b>P</b> Dual pull trigger<br><b>Q</b> Dual schedule switch<br><br><u><b>T SERIES SMALL STRAIGHT HANDLE Q20, Q30</b></u><br><br><b>S</b> Standard trigger<br><br><u><b>O SERIES SMALL CURVED HANDLE Q20, Q30, Q40</b></u><br><br><b>T</b> Standard trigger | <b>ROTATABLE†</b><br><br><b>B</b> Short 45°<br><b>C</b> Short 60°<br><b>E</b> Medium 45°<br><b>F</b> Medium 60°<br><b>H</b> Long 45°<br><b>I</b> Long 60°<br><br><b>FIXED</b><br><br><b>O</b> Short 45°<br><b>P</b> Short 60°<br><b>R</b> Medium 45°<br><b>S</b> Medium 60°<br><b>U</b> Long 45°<br><b>V</b> Long 60° | <b>4</b> AccuLock S†††<br><br><b>8</b> Centerfire^<br><br><b>9</b> AccuLock S†††† | <b>B</b> 0.030"(0.8 mm)<br><b>C</b> 0.035"(0.9 mm)<br><b>D</b> 0.039"(1.0 mm)<br><b>E</b> 0.045"(1.2 mm)<br><b>H</b> 0.052"(1.4 mm)<br><br><b>I</b> 1/16"(1.6 mm)<br><b>K</b> 5/64"(2.0 mm)<br><b>L</b> 3/32"(2.4 mm)<br><b>M</b> 7/64"(2.8 mm)<br><b>N</b> 1/8"(3.2 mm)<br><br><b>ALUMINUM</b><br><br><b>Q</b> 0.035"(0.9 mm)<br><b>R</b> 3/64"(1.19 mm)<br><b>S</b> 1/16"(1.6 mm)* | <b>E</b> Euro††<br><br><b>L</b> Lincoln<br><br><b>M</b> Miller<br><br><b>R</b> Tweco #4 (Miller lead)<br><br><b>S</b> Tweco #4 (Lincoln lead)<br><br><b>T</b> Tweco #4 (std. lead)<br><br><b>U</b> Tweco #4 (NAS plug) | <b>A</b> Front load liner<br><br><b>C</b> Rear load liner |

†NOT COMPATIBLE WITH T SERIES SMALL STRAIGHT HANDLE STYLES.  
 ††NOT COMPATIBLE WITH FRONT LOAD LINER TYPE "A"  
 †††COMPATIBLE ONLY WITH FRONT LOAD LINER OPTION.  
 ††††COMPATIBLE WITH BERNARD REAR LOAD 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 BETWEEN 0.023" AND 3/32"; AVAILABLE FOR CABLE LENGTHS UP TO 15 FT (4.57M); NOT COMPATIBLE WITH ALUMINUM WIRE.

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



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