

Bernard™ BTB MIG Guns

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**Semi Automatic Air-Cooled
MIG Welding Guns**

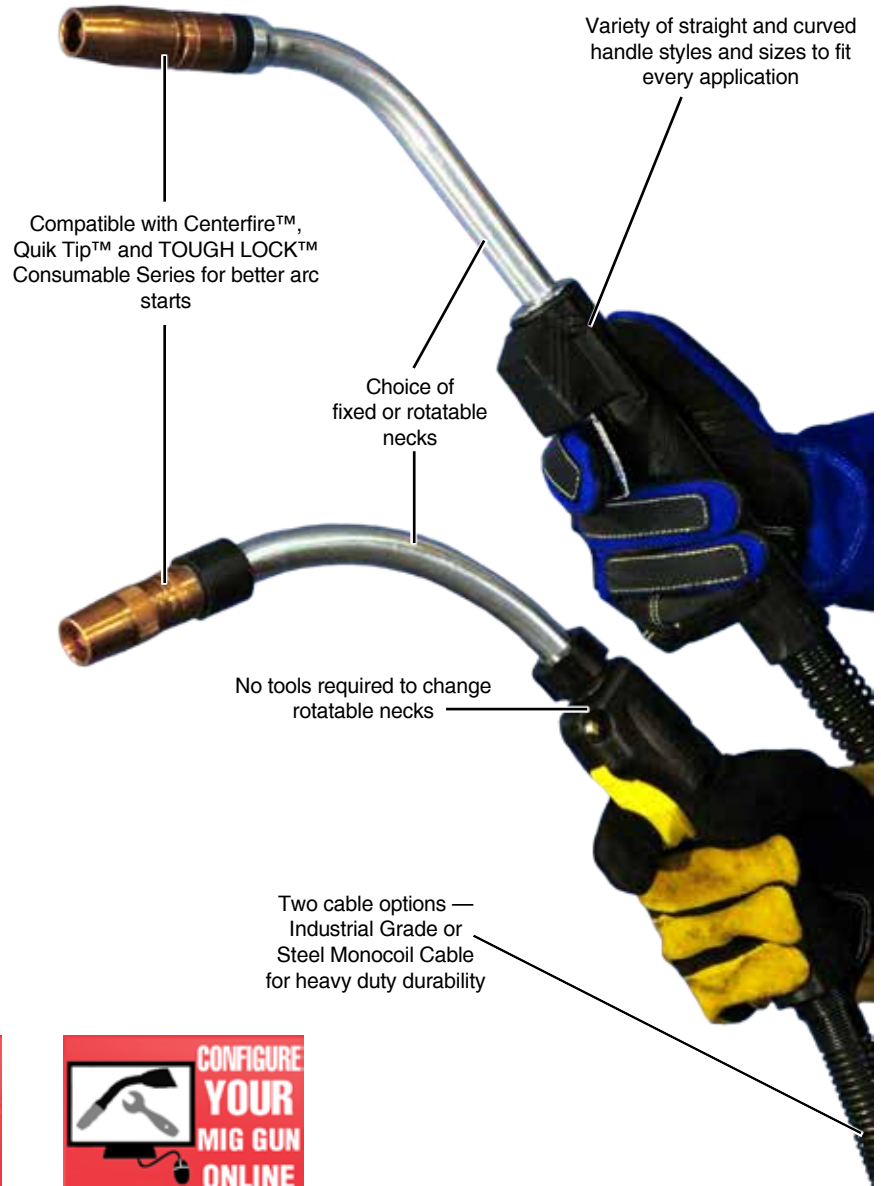


| Quick Specs | Applications | Processes | Rated Output | Duty Cycle |
|-------------|-----------------|------------|--------------|--------------------------|
| | Heavy Equipment | MIG (GMAW) | 200A | 100% CO ₂ Gas |
| | Shipbuilding | Welding | 300A | 60% with Mixed Gases |
| | Pipeline | | 400A | |
| | Fabrication | | 500A | |
| | | | 600A | |

Bernard™ BTB MIG Guns combine the best features of our legacy Q-Gun™, S-Gun™ and T-Gun™ MIG Gun lines to bring you our most flexible and rugged MIG Gun offering.

BTB MIG Guns are designed for maximum configuration options and the industrial-grade performance that our customers have come to depend on.

- Aluminum armored necks, available as either fixed or rotatable, withstand abuse and offer outstanding heat dissipation
- Compatible with your choice of Centerfire™, Quik Tip™ or TOUGH LOCK™ Consumables on any front handle style
- NEW! Universal Conventional Liners or QUICK LOAD™ Liners
- Available in 200, 300, 400, 500 and 600 amp models
- Choose your desired cable length: 8, 10, 12, 15, 20 or 25 feet.
- Available wire size ranges from 0.023" (0.6 mm) to 1/8" (3.2 mm)
- Straight rear strain relief with Lifetime Warranty now standard



One year manufacturer's warranty on all configured guns



Select the best handle style and size to fit your EXACT needs



Choose from an expanded list of the best features of our top MIG gun lines



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For more information, visit us at BernardWelds.com

Cable Options

(available through configurator)

Industrial Grade Cable

Details

The heavy duty Industrial Cable features cotton wrapped copper and durable trigger leads surrounding a hytel inner tube. The industrial grade cable is compatible with all amperages, cable lengths and all handle styles and sizes.

Amperages

200 Amp
300 Amp
400 Amp
500 Amp
600 Amp

Cable Lengths

8 ft (2.44 m)
10 ft (3.05 m)
12 ft (3.66 m)
15 ft (4.57 m)
20 ft (6.10 m)
25 ft (7.62 m)

Handle Styles

B Series
Small Curved Handle
Large Curved Handle
O Series
Small Curved Handle
Large Curved Handle
T Series
Small Straight Handle
Large Straight Handle

Steel Monocoil Cable

Details

The Steel Monocoil Cable offers extra structural integrity through the steel monocoil inner tube which gives it superior pinch resistance and helps to ensure good gas flow and wire feedability. The steel monocoil cable is ideal for use in welding applications that require longer gun cables that may be frequently looped or stretched around corners to the point of pinching.

Amperages

300 Amp
400 Amp
500 Amp
600 Amp

Cable Lengths





8 ft (2.44 m)
10 ft (3.05 m)
12 ft (3.66 m)
15 ft (4.57 m)
20 ft (6.10 m)
25 ft (7.62 m)

Handle Styles

O Series
Small Curved Handle (300A & 400A only)
Large Curved Handle
T Series
Large Straight Handle (300A & 400A only)

Handle & Trigger Options

(available through configurator)

| Features | B Series Small Curved handle | B Series Large Curved handle | O Series Small Curved handle | O Series Large Curved handle | T Series Small Straight handle | T Series Large Straight handle |
|----------|--|---|---|---|---|---|
| |  |  |  |  |  |  |
| Amperage | 200, 300 | 400 | 200, 300, 400 | 400, 500, 600 | 300 | 300, 400, 500, 600 |
| Style | Curved | Curved | Curved | Curved | Straight | Straight |
| Neck | Fixed or Rotatable | Fixed or Rotatable | Fixed or Rotatable | Fixed or Rotatable | Fixed | Fixed or Rotatable |
| Trigger | <ul style="list-style-type: none"> Standard Locking Dual Pull | <ul style="list-style-type: none"> Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch with Locking | <ul style="list-style-type: none"> Standard Locking | <ul style="list-style-type: none"> Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch with Locking | <ul style="list-style-type: none"> Standard | <ul style="list-style-type: none"> Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch with Locking |
| Cable | Industrial Grade | Industrial Grade | Industrial Grade or Steel Monocoil for 300, 400 amp only | Industrial Grade or Steel Monocoil | Industrial Grade | Industrial Grade or Steel Monocoil for 300, 400 amp only |

Neck Options

(available through configurator)

Fixed Necks

T Series Small Straight Handles

| | |
|----------|------------|
| 205-45 | 45° Short |
| 205-60 | 60° Short |
| 315-45 | 45° Medium |
| 315-60 | 60° Medium |
| 405-45NB | 45° Long |
| 405-60NB | 60° Long |

T Series Large Straight Handles

| | |
|--------|------------|
| 305-45 | 45° Short |
| 305-60 | 60° Short |
| 405-45 | 45° Medium |
| 405-60 | 60° Medium |
| 505-45 | 45° Long |
| 505-60 | 60° Long |

| | |
|----------|-------------|
| 405-45LL | 45° Longest |
| 405-60LL | 60° Longest |

B Series and O Series Curved Handles

| | |
|--------|-----------|
| QT2-30 | 30° Short |
| QT2-45 | 45° Short |
| QT2-60 | 60° Short |
| QT2-80 | 80° Short |

| | |
|--------|------------|
| QT3-30 | 30° Medium |
| QT3-45 | 45° Medium |
| QT3-60 | 60° Medium |
| QT3-80 | 80° Medium |

| | |
|--------|----------|
| QT5-30 | 30° Long |
| QT5-45 | 45° Long |
| QT5-60 | 60° Long |

Rotatable Necks

B Series, O Series Curved Handles and T Series Large Straight Handles

| | |
|--------|-----------|
| QT2-30 | 30° Short |
| QT2-45 | 45° Short |
| QT2-60 | 60° Short |
| QT2-80 | 80° Short |

| | |
|--------|------------|
| QT3-30 | 30° Medium |
| QT3-45 | 45° Medium |
| QT3-60 | 60° Medium |
| QT3-80 | 80° Medium |

| | |
|--------|----------|
| QT5-30 | 30° Long |
| QT5-45 | 45° Long |
| QT5-60 | 60° Long |

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 will be based on several variables including:

- Gun Amperage
- Neck & Handle Combination
- Consumable 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 | |
| | Quik Tip™ | | | 4423R | | |
| | TOUGH LOCK™ | | | 402-11 | | |
| Rotatable Necks for O, B, T Series handles | Centerfire | 4523R | | | 4423R | |
| | Quik Tip | | | 4423R | | |
| | TOUGH LOCK | | | 10012 | | |
| Fixed Necks for O and B Series handles | Centerfire | 4523R | | | 4423R | |
| | Quik Tip | | | 4423R | | |
| | TOUGH LOCK | | | 10012 | | |

Consumables

(available through configurator)

Centerfire™ Consumable Series

Contact Tips

| | |
|-------|------------------|
| T-023 | 0.023" (0.6 mm) |
| T-030 | 0.030" (0.8 mm) |
| T-035 | 0.035" (0.9 mm)* |
| T-039 | 0.039" (1.0 mm) |
| T-045 | 0.045" (1.2 mm)* |
| T-052 | 0.052" (1.4 mm) |

| | |
|-------|-----------------|
| T-062 | 1/16" (1.6 mm)* |
| T-078 | 5/64" (2.0 mm) |
| T-094 | 3/32" (2.4 mm) |
| T-109 | 7/64" (2.8 mm) |
| T-125 | 1/8" (3.2 mm) |

*Part number also applicable for aluminum wire in corresponding size

Diffusers

| | |
|------|--------------|
| DS-1 | Small, Brass |
| D-1 | Large, Brass |

Nozzles

| | |
|----------|--------------------------------|
| NS-1218B | 1/2" Bore, 1/8" Recess, Brass |
| NS-5818C | 5/8" Bore, 1/8" Recess, Copper |
| N-5818C | 5/8" Bore, 1/8" Recess, Copper |
| N-5814C | 5/8" Bore, 1/4" Recess, Copper |
| N-3414C | 3/4" Bore, 1/4" Recess, Copper |

See Centerfire™ Consumables Spec Sheet (SP-CF) for more information and additional options that can be ordered separately

Consumables (continued)

Quik Tip™ Consumable Series

Contact Tips

| | | | |
|--------------|------------------|--------------|-------------------------|
| T1023 | 0.023" (0.6 mm) | T1116 | 1/16" (1.6 mm)* |
| T1030 | 0.030" (0.8 mm) | T1564 | 5/64" (2.0 mm) |
| T1035 | 0.035" (0.9 mm)* | T1332 | 3/32" (2.4 mm) |
| T1039 | 0.039" (1.0 mm) | T1764 | 7/64" (2.8 mm) |
| T1045 | 0.045" (1.2 mm) | T1118 | 1/8" (3.2 mm) |
| T1052 | 0.052" (1.4 mm) | T1364 | 3/64" (1.2 mm) Aluminum |

*Part number also applicable for aluminum wire in corresponding size

Diffusers

| | |
|--------------|-------------|
| D118Q | 1/8" Recess |
| D114Q | 1/4" Recess |

Nozzles

| | |
|----------------|------------------------------|
| N1C58Q | 5/8" Bore, Plated Copper |
| N1C34HQ | 3/4" Bore, Plated Copper, HD |

See Quik Tip™ Consumables Spec Sheet (SP-QT) for more information and additional options that can be ordered separately

TOUGH LOCK™ Standard Duty Consumable Series

Contact Tips

| | |
|-------------------|------------------|
| 403-14-23 | 0.023" (0.6 mm) |
| 403-14-30 | 0.030" (0.8 mm) |
| 403-14-35 | 0.035" (0.9 mm)* |
| 403-14-1.0 | 0.039" (1.0 mm) |
| 403-14-45 | 0.045" (1.2 mm)* |

*Part number also applicable for aluminum wire in corresponding size

Nozzles

| | |
|-----------------|--------------------------------|
| 401-6-62 | 5/8" Bore, 1/8" Recess, Copper |
|-----------------|--------------------------------|

Retaining Head

| | |
|---------------|-------|
| 404-18 | Brass |
|---------------|-------|

TOUGH LOCK™ Heavy Duty Consumable Series

Contact Tips

| | |
|-------------------|------------------|
| 403-20-30 | 0.030" (0.8 mm) |
| 403-20-35 | 0.035" (0.9 mm)* |
| 403-20-1.0 | 0.039" (1.0 mm) |
| 403-20-45 | 0.045" (1.2 mm)* |
| 403-20-52 | 0.052" (1.4 mm) |

| | |
|-------------------|-------------------------|
| 403-20-116 | 1/16" (1.6 mm)* |
| 403-20-564 | 5/64" (2.0 mm) |
| 403-20-332 | 3/32" (2.4 mm) |
| 403-20-364 | 3/64" (1.2 mm) Aluminum |

*Part number also applicable for aluminum wire in corresponding size

Retaining Head

| | |
|---------------|-------------------|
| 404-26 | Dual Taper, Brass |
|---------------|-------------------|

Nozzles

| | |
|-----------------|--------------------------------|
| 401-6-62 | 5/8" Bore, 1/8" Recess, Copper |
| 401-5-62 | 5/8" Bore, 1/4" Recess, Copper |
| 401-5-75 | 3/4" Bore, 1/4" Recess, Copper |

See TOUGH LOCK™ Consumables Spec Sheet (SP-TLC) for more information and additional options

QUICK LOAD™ Liners

10' (3.05 m) Gun Lengths

| | |
|--------------------|--------------------------|
| 415-35-10Q | for 0.035" - 0.045" wire |
| 415-116-10Q | for 0.045" - 1/16" wire |

Liner Retainers (required for initial installation)

| | |
|---------------|-------------------------|
| 415-26 | for 0.035" - 5/64" wire |
| 415-24 | for 0.078" - 3/32" wire |

15' (4.57 m) Gun Lengths

| | |
|-------------------|--------------------------|
| 415-23-15Q | for 0.023" (0.6 mm) wire |
| 415-30-15Q | for 0.030" (0.8 mm) wire |
| 415-35-15Q | for 0.035" (0.9 mm) wire |
| | for 0.039" (1.0 mm) wire |
| | for 0.045" (1.2 mm) wire |

| | |
|--------------------|--------------------------|
| 415-116-15Q | for 0.052" (1.4 mm) wire |
| 415-564-15Q | for 5/64" (2.0 mm) wire |
| 415-332-15Q | for 3/32" (2.4 mm) wire |

25' (7.62 m) Gun Lengths

| | |
|-------------------|--------------------------|
| 415-23-25Q | for 0.023" (0.6 mm) wire |
| 415-30-25Q | for 0.030" (0.8 mm) wire |
| 415-35-25Q | for 0.035" (0.9 mm) wire |
| | for 0.039" (1.0 mm) wire |
| | for 0.045" (1.2 mm) wire |

| | |
|--------------------|--------------------------|
| 415-116-25Q | for 0.052" (1.4 mm) wire |
| 415-564-25Q | for 5/64" (2.0 mm) wire |
| 415-332-25Q | for 3/32" (2.4 mm) wire |

See QUICK LOAD™ Liner Spec Sheet (SP-QLL) for more information

Consumables (continued)

Universal Conventional Liners

10' (3.05 m) Gun Lengths

| | |
|---------------|--------------------------|
| L3A-10 | for 0.035" - 0.045" wire |
| L4A-10 | 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 |
| L3A-15 | for 0.035" - 0.045" wire* |
| L4A-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 |
| L3A-25 | for 0.035" - 0.045" wire* |
| L4A-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 |

*Standard Liner for 0.035" & 0.045" Guns

**Standard Liner for 1/16" Guns

See Universal Conventional Liner Spec Sheet (SP-L) for more information

Conventional Liners for Aluminum Wire

10' (3.05 m) Gun Lengths

| | |
|-------------------|--|
| 415-45-02 | for 0.035" - 3/64" wire Polymer Liner |
| 415-116-22 | for 3/64" - 1/16" wire Polymer Liner |

15' (4.57 m) Gun Lengths

| | |
|-------------------|---|
| 415-45-03 | for 0.035" - 3/64" wire Polymer Liner |
| 415-35-2 | for 0.035" - 0.045" wire Steel Wrapped Nylon |
| 415-116-2 | for 0.045" - 1/16" wire Steel Wrapped Nylon |
| 415-116-23 | for 3/64" - 1/16" wire Polymer Liner |

25' (7.62 m) Gun Lengths

| | |
|------------------|---|
| 415-45-04 | for 0.035" - 0.045" wire Steel Wrapped Nylon |
|------------------|---|

Power Pins

(available through configurator)

Bernard™

| | |
|-----------------|------------------------------|
| 1880259B | Quick Disconnect Kit |
| 2200140 | Power Pin (Includes O-Rings) |

Euro

| | |
|-----------------|---------------------|
| 1880259E | Power Pin Kit |
| 5060T | Euro Block Assembly |
| 4816 | Adapter Nut |

Lincoln®

| | |
|-----------------|-----------------------|
| 1880259L | Power Pin Kit |
| 214-2-1 | Power Pin |
| 419-6 | Trigger Cable Adaptor |

AutoLength Pin

| | |
|-----------------|-------------------|
| 425-820E | for 0.030"-0.045" |
| 428-920E | for 0.052"-3/32" |

AutoLength Pin

| | |
|---------------|-------------------|
| 214-87 | for 0.030"-0.045" |
| 214-97 | for 0.052"-3/32" |

Miller®

| | |
|-----------------|------------------------------|
| 1880259M | Power Pin Kit |
| 2200137 | Power Pin (Includes O-Rings) |
| 419-7 | Trigger Cable Adaptor |

OXO™

| | |
|-----------------|---------------|
| 1880259X | Power Pin Kit |
| 427-12 | Power Pin |
| 419-8 | Trigger Cable |

AutoLength Pin

| | |
|---------------|-------------------|
| 214-81 | for 0.030"-0.045" |
| 214-91 | for 0.052"-3/32" |
| 214-9 | for 7/64" - 1/8" |

Tweco® #4

| | |
|------------------|--------------------------------|
| 1880259T4 | Power Pin Kit |
| 214 | Power Pin (Includes O-Rings) |
| 419-4 | Trigger Control Lead, Miller |
| 419-8 | Trigger Control Lead, Standard |
| 419-6 | Trigger Control Lead, Lincoln |
| 419-7 | Trigger Control Plug, NAS Plug |

Tweco® #5

| | |
|------------------|--------------------------------|
| 1880259T5 | Power Pin Kit |
| 214-12 | Power Pin (Includes O-Rings) |
| 419-4 | Trigger Control Lead, Miller |
| 419-8 | Trigger Control Lead, Standard |
| 419-6 | Trigger Control Lead, Lincoln |
| 419-7 | Trigger Control Plug, NAS Plug |

AutoLength Pin

| | |
|---------------|-------------------|
| 214-80 | for 0.030"-0.045" |
| 214-90 | for 0.052"-3/32" |

AutoLength Pin

| | |
|----------------|-------------------|
| 214-812 | for 0.030"-0.045" |
| 214-912 | for 0.052"-3/32" |

Additional Options

(not configurable, please order separately)

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.

| | | |
|--------------------|--|-----|
| QJL-2330 | 0.023" - 0.030" (0.6 mm - 0.8 mm) | 14" |
| QJL-2330-XL | 0.023" - 0.030" (0.6 mm - 0.8 mm) | 27" |
| QJL-3545 | 0.035" - 0.045" (0.9 mm - 1.2 mm) | 14" |
| QJL-3545-XL | 0.035" - 0.045" (0.9 mm - 1.2 mm) | 27" |
| QJL-116 | 1/16" (1.6 mm) | 14" |
| QJL-116-XL | 1/16" (1.6 mm) | 27" |
| QJLH-116 | 1/16" Heavy Duty (1.6 mm) | 14" |
| QJLN-364* | 0.035" - 3/64" Nylon (0.9 mm - 1.2 mm) | 14" |
| QJLN-116* | 1/16" Nylon (1.6 mm) | 14" |

*Nylon liners available for aluminum wire. See Liner spec sheet (L-1.4) for details

For use with Rotatable Neck option guns.

See Bernard Jump Liner Spec Sheet (SP-JL) for more information

Specialty Nozzles

TOUGH ACCESS™ Consumables are a sleek line of consumables (including retaining heads and nozzles) that allow entry into those hard-to-reach places that would otherwise be inaccessible due to fixture design or weldment.

Available in straight bore (5/8") and bottleneck (1/2") style nozzles, these unique consumables are compatible with TOUGH LOCK™ Contact Tips.

Compatible with Fixed Necks on Straight Handle Styles only.



See Tregaskiss TOUGH ACCESS™ Consumables Spec Sheet (SP-TAC) for more information

Flex Necks

For B Series and O Series Handles

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 Centerfire™ and Quik Tip™ Consumables.

- QT-F-6** 6" length
- QT-F-8** 8" length



T Series Handles

The Flex Neck for T Series handles features a braided copper conductor tube with a bend radius of up to 80° allowing you to reach your weld joints comfortably. The flex neck can be replaced without disturbing cable connections and is compatible with select Tregaskiss™ TOUGH LOCK™ and TOUGH ACCESS™ Consumables.

405-FL

See Flex Neck Spec Sheet (SP-FN) for more information



Additional Options (continued)

(not configurable, please order separately)

Specialty Necks

There are additional standard necks available in multiple lengths and bends that will help ensure a high quality weld and to improve operator comfort.

See Neck Spec Sheet (N-1.6) for more information.



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 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 45°
406-2 60°

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 B Series Small and Large Handles

Heat Shield

Our durable heat shield prevents injury by protecting the user's hand from the heat of the weld, improving operator comfort and weld quality.

421 Compatible with fixed or rotatable necks



Handle Replacement Kits

B Series Small and Large

1880155 200, 300 amp (std, locking, dual pull)
1880198 400 amp (std, locking, dual pull)
DSA-1 400 amp Dual Schedule (std. and locking)

O Series Small

1880219 200, 300, 400 amp (std, locking)
177370 200, 300, 400 (std. with ext.)

O Series Large

1880220 400, 500, 600 amp (std, locking, dual pull)
1880221 400, 500, 600 amp Dual Schedule (std. and locking)

T Series Small

320 300 amp (standard)

Ordering Information

| Amperage | Length | Handle & Trigger Option | Neck Option | Consumable | Wire Sizes | Power Pin | Liner Type |
|--|-----------------|--|--|--|--------------------------|-------------------------------------|--|
| Q40 | 15 | A | E | 8 | D | M | L |
| Industrial Grade Cable | 08 ft. (2.44 m) | B Series Small Curved Handle Q20, Q30 | Rotatable [†] | 2 TOUGH LOCK™ [^] Standard Duty | A 0.023"(.6 mm) | B Bernard™ | C Universal Conventional |
| Q20 200 Amp Max. wire size 1/16" | 10 ft. (3.05 m) | A Standard Trigger | A Short 30° | 3 TOUGH LOCK™ ^{^^} Heavy Duty | B 0.030"(.8 mm) | E Euro | L QUICK LOAD™ Liner AutoLength™ System** |
| Q30 300 Amp Max. wire size 5/64" | 12 ft. (3.66 m) | B Locking Trigger | B Short 45° | 5 Quik Tip™ ^{^^^} | C 0.035"(.9 mm) | L Lincoln® | Q QUICK LOAD™ Liner*** |
| Q40 400 Amp Max. wire size 5/64" | 15 ft. (4.57 m) | C Dual Pull Trigger | C Short 60° | 8 Centerfire™ ^{^^^} | D 0.039"(1.0 mm) | M Miller® | |
| Q40 400 Amp Max. wire size 5/64" | 20 ft. (6.16 m) | B Series Large Curved Handle Q40 | J Short 80° | | E 0.045"(1.2 mm) | O OXO™ | |
| Q50 500 Amp Max. wire size 3/32" | 25 ft. (7.63 m) | A Standard Trigger | D Medium 30° | | H 0.052"(1.4 mm) | R Tweco® #4 (Miller Lead) | |
| Q50 500 Amp Max. wire size 3/32" | | B Locking Trigger | E Medium 45° | | I 1/16"(1.6 mm) | S Tweco #4 (Lincoln Lead) | |
| Q60 600 Amp Max. wire size 1/8" | | C Dual Pull Trigger | F Medium 60° | | K 5/64"(2.0 mm) | T Tweco #4 (std. Lead) | |
| Q60 600 Amp Max. wire size 1/8" | | D Dual Schedule Switch | G Long 30° | | L 3/32"(2.4 mm) | U Tweco #4 (NAS Plug) | |
| Q60 600 Amp Max. wire size 1/8" | | E Locking Dual Schedule | H Long 45° | | M 7/64"(2.8 mm) | W Tweco #5 (std. Lead) | |
| Steel Monocoil Cable | | O Series Large Curved Handle Q40, Q50, Q60, S40, S50, S60 | Fixed | | N 1/8"(3.2 mm) | X Tweco #5 (Miller Lead) | |
| S30 300 Amp Max. wire size 5/64" | | G Standard Trigger | I Long 60° | | Aluminum | | |
| S40 400 Amp Max. wire size 5/64" | | H Locking Trigger | N Short 30° ^{††} | | Q 0.035"(.9 mm) | | |
| S40 400 Amp Max. wire size 5/64" | | I Dual Pull Trigger | O Short 45° | | R 3/64" (1.19 mm) | | |
| S50 500 Amp Max. wire size 3/32" | | K Dual Schedule Switch | P Short 60° | | S 1/16" (1.6 mm)* | | |
| S50 500 Amp Max. wire size 3/32" | | L Locking Dual Schedule | W Short 80° ^{††} | | | | |
| S60 600 Amp Max. wire size 1/8" | | T Series Large Straight Handle Q30, Q40, Q50, Q60, S30, S40 | Q Medium 30° ^{††} | | | | |
| | | M Standard Trigger | R Medium 45° | | | | |
| | | N Locking Trigger | S Medium 60° | | | | |
| | | P Dual Pull Trigger | X Medium 80° ^{††} | | | | |
| | | Q Dual Schedule Switch | T Long 30° ^{††} | | | | |
| | | R Locking Dual Schedule | U Long 45° | | | | |
| | | T Series Small Straight Handle Q30 | V Long 60° | | | | |
| | | S Standard Trigger | Y Extra Long 45° ^{†††} | | | | |
| | | O Series Small Curved Handle Q20, Q30, Q40, S30, S40 | Z Extra Long 60° ^{†††} | | | | |
| | | T Standard Trigger | | | | | |
| | | U Locking Trigger | | | | | |

†Not compatible with T Series Small Straight handle styles.
 †† For B Series and O Series Curved Handle styles only. Not compatible with T Series Straight Handle styles.
 ††† For T Series Large Straight Handle styles only. Not compatible with B Series and O Series Curved Handle styles or T Series Small Straight Handle styles.
 ^Available for wire sizes up to 0.045" for 200, 300 and 400 amp guns.
 Not available for 500 or 600 amp guns.
 ^^Available for wire sizes up to 3/32" for 300, 400, 500 and 600 amp guns.
 Not available for 200 amp guns.
 ^^^Available for wire sizes up to 1/16" for 200 amp guns, up to 5/64" for 300-400 amp guns, up to 7/64" for 500 amp guns, and up to 1/8" for 600 amp guns.
 *Not available for TOUGH LOCK Standard Duty (SD) Contact Tips.
 **Available for wire sizes between 0.030" and 3/32". Not compatible with Bernard Power Pin or OXO Power Pin options. Not compatible with aluminum wire.
 ***Available for wire sizes between 0.023" and 3/32". Available for cable lengths up to 15 ft (4.57 m). Not compatible with aluminum wire.

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Subject to Change – The information presented in this spec sheet is accurate to the best of our knowledge at the time of printing. Please visit BernardWelds.com for the most up-to-date information.

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