

<b>APPLICATIONS</b>	• Commercial Truck & Trailer • General Manufacturing & Fabrication • Heavy Equipment • Pipeline • Rail • Ship
<b>COMPATIBLE WITH</b>	• Bernard® BTB MIG Gun Series • Bernard® S-Gun™ MIG Guns • AccuLock™ S Consumables • Centerfire™ Consumables • TOUGH LOCK® Consumables
<b>NECK ANGLES</b>	• 0° • 30° • 45° • 60° • 80°

## ENGINEERED FOR SIMPLICITY. BUILT FOR DURABILITY.

Bernard® BTB and S-Gun™ MIG guns use aluminum armored necks that withstand abuse and offer outstanding heat dissipation for longer life. Available in fixed or rotatable styles in a wide variety of lengths and bends, necks can be selected during gun configuration to optimize weld puddle access and visibility. Rotatable necks are interchangeable which allows the gun to be adapted to changing weld access needs for increased welder comfort and productivity.

Necks for BTB guns and S-Guns™ are also designed to maximize consumables compatibility. A dual thread on the front of the neck allows installation of your choice of AccuLock™ S, Centerfire™ or TOUGH LOCK® consumables. A common neck diameter means that the same consumables can also be used across BTB guns and S-Guns™ of all amperages.

- Compatible with BTB MIG guns, S-Gun™ and AccuLock™ S, Centerfire™ and TOUCH LOCK® Consumables
- Wide selection of fixed or rotatable necks
- Available in multiple lengths and bends for limited access welds and improved operator comfort
- Rotatable necks changeover and rotate without tools
- Rotatable Necks are easily removable for jump liner changeover



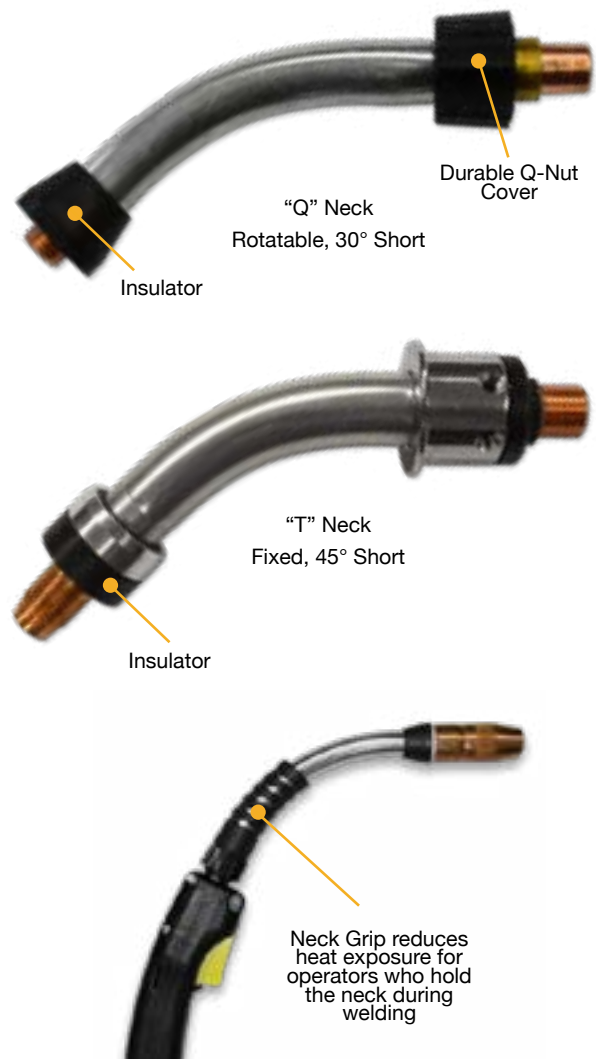
CHOOSE FROM UP TO  
22 NECKS PER HANDLE



CHOOSE FROM UP TO  
22 NECKS PER HANDLE



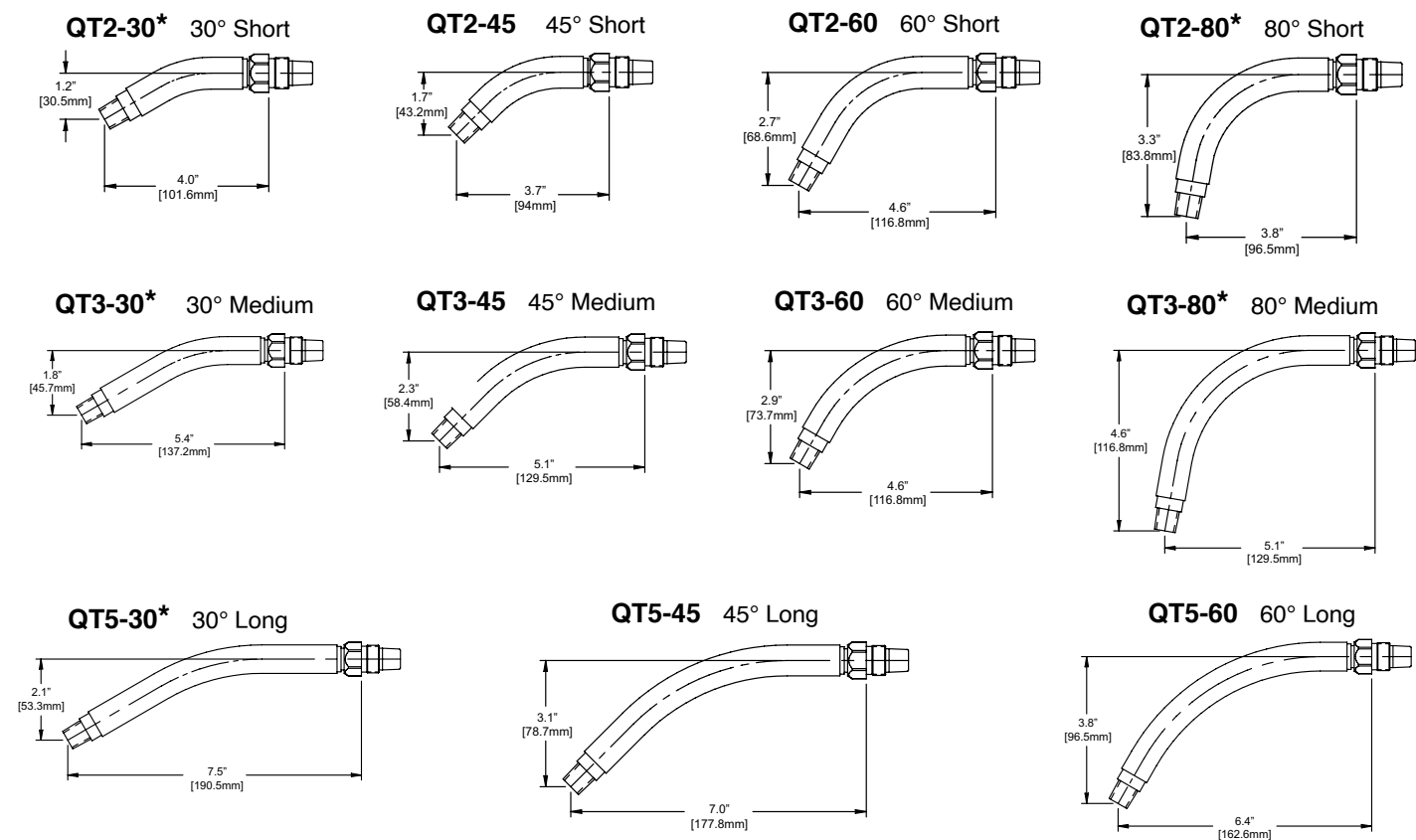
CONFIGURE YOUR  
MIG GUN ONLINE  
SELECT YOUR NECK ONLINE IN THE  
BTB MIG GUN CONFIGURATOR



NECK OPTIONS

ROTATABLE NECKS

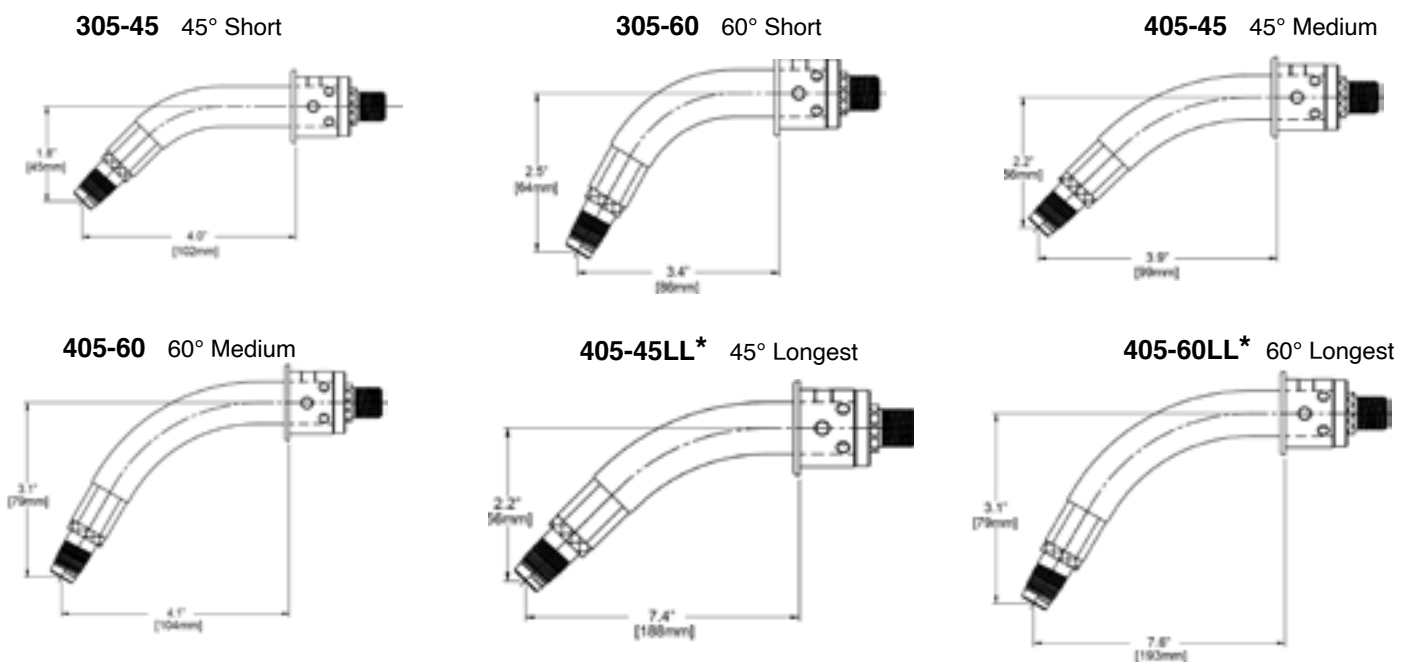
For B, O, T and C Series Handles



\* NOT CONFIGURABLE, PLEASE ORDER SEPERATELY

FIXED NECKS

For T and C Series Handles



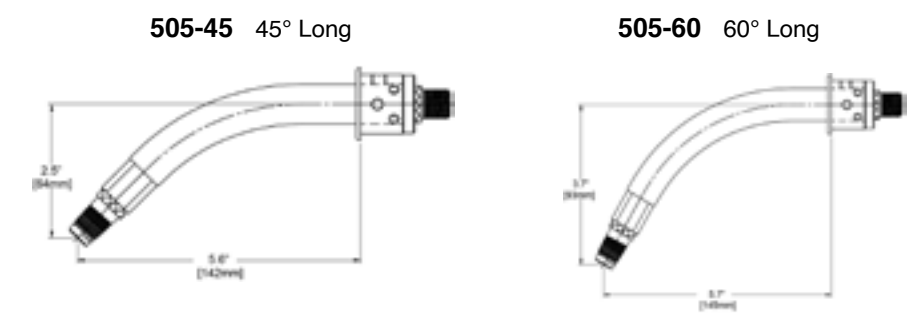
\* NOT CONFIGURABLE, ORDER SEPERATELY

NECK OPTIONS

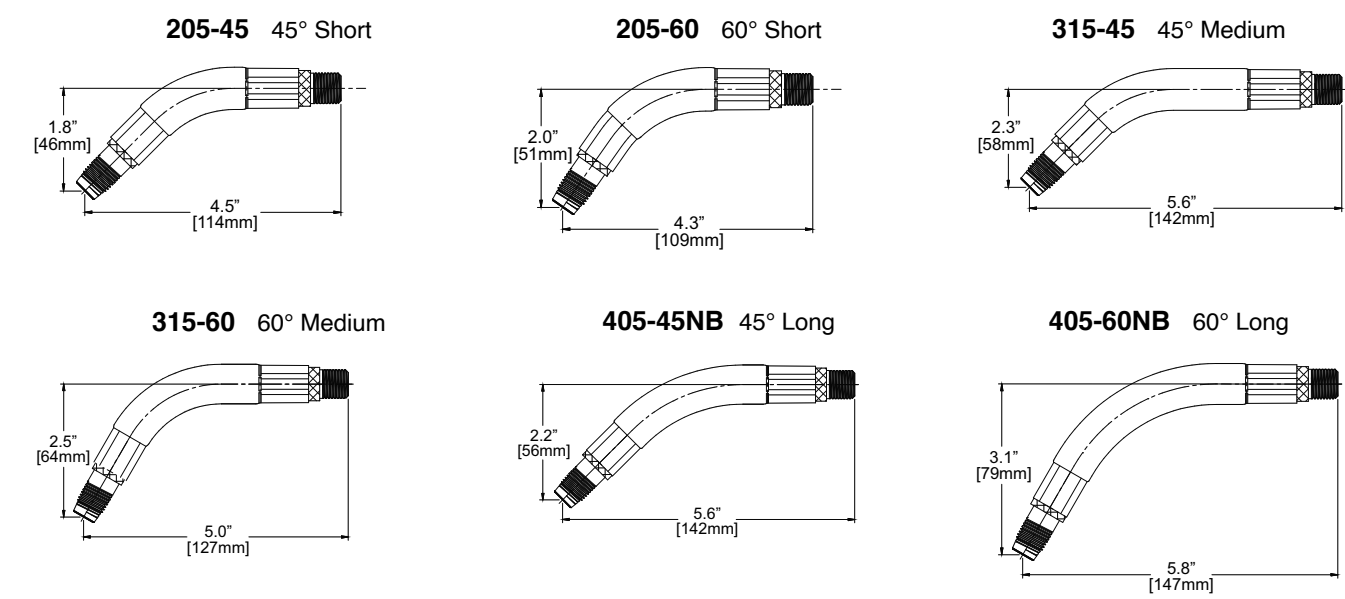
[CONTINUED]

FIXED NECKS

For T and C Series Handles



For T Series Small Straight Handle

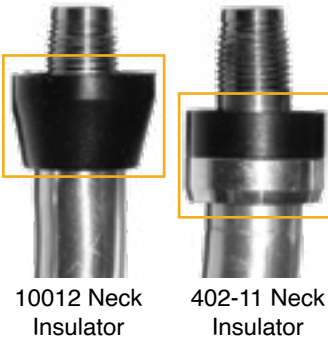


NECK INSULATORS

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.



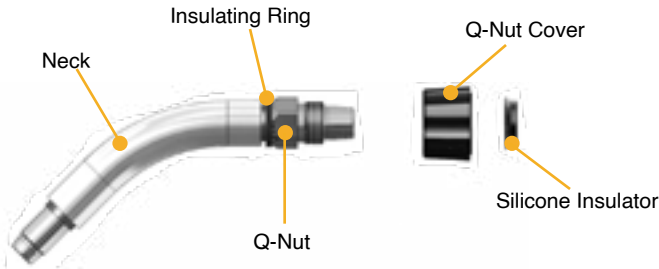
Neck & Handle	Consumables	200A	300A	400A	500A	600A
		Insulator Part Number				
Fixed necks for T, C Series straight handles	Centerfire™	4523R			4423R	
	TOUGH LOCK®			402-11		
	AccuLock™ S			402-11		
Rotatable necks for O, B, T, C Series handles	Centerfire™	4523R			4423R	
	TOUGH LOCK®			10012		
	AccuLock™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

[AVAILABLE AS REPLACEMENT PARTS]

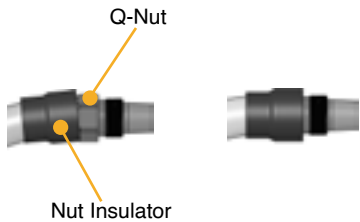
Q-NUT COVER AND INSULATORS

- 1840031
- Silicone Insulator
- 1840057
- Q-Nut Cover with insulating ring
- 4780
- Nut Insulator

Q-Nut on Rotatable Neck

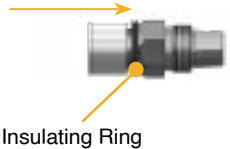


Nut Insulator on Fixed Neck for B and O Series Handles

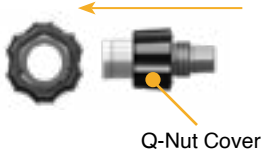


INSTALLATION INSTRUCTIONS

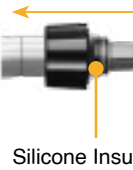
Q NUT COVER FOR ROTATABLE NECKS



With gas diffuser/retaining head removed, install insulating ring over the front of the neck and into the space between the aluminum armor and the front face of the Q-Nut.



Line up the hex shape on the Q-Nut cover with the hex on the Q-Nut and slide the Q-Nut forward until the part bottoms out. When installed properly, there should be an approximate 1/16" gap between the rear face of the Q-Nut cover and the threads on the Q-Nut.



Slide the silicone insulator over the threads of the Q-Nut and press flush up against the rear face of the Q-Nut cover. Ensure that the silicone insulator is orientated in the position shown in the image below.

ACCESSORIES

[NOT CONFIGURABLE, ORDER SEPERATELY]

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 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
- use with 405-60 Neck
- 406-2
- use with 405-45 Neck
- 206-1
- use with 305-60 Neck
- 506-1
- use with 505-45 Neck

ACCESSORIES

[NOT CONFIGURABLE, ORDER SEPERATELY]

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 OPTIONS

[NOT CONFIGURABLE, ORDER SEPERATELY]

ROTATABLE NECK ADAPTOR FOR STRAIGHT HANDLE FIXED NECKS

The 1680085 and 1680085C adaptor is used to convert straight handle BTB MIG guns from fixed to rotatable necks. Compatible with T Series straight handles and C Series straight handles only.



1680085 Rotatable Neck Adaptor  
(required for use with T Series handles only)



1680085C Rotatable Neck Adaptor  
(required for use with C Series handles only)

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.



- QT-F-6 6” length
- QT-F-8 8” length
- 1680085C Rotatable adaptor (required for use with C Series handles only)
- 1680085 Rotatable adaptor (required for use with T Series handles only)

FOR 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.

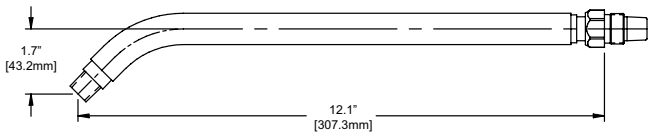


405-FL

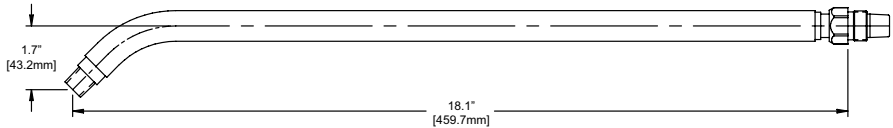
SPECIALTY NECKS

[NOT CONFIGURABLE, ORDER SEPERATELY]

QT2-45-12 45°, 12 in.



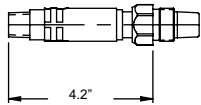
QT2-45-18+ 45°, 18 in.



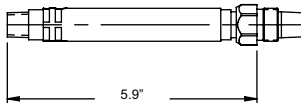
QT2-45-24+ 45°, 24 in.



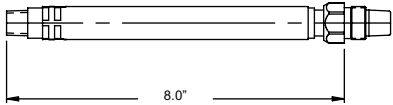
QT-180-3 0°, 3 in.



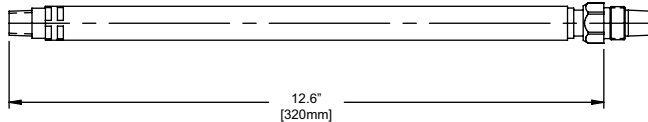
QT-180-5 0°, 5 in.



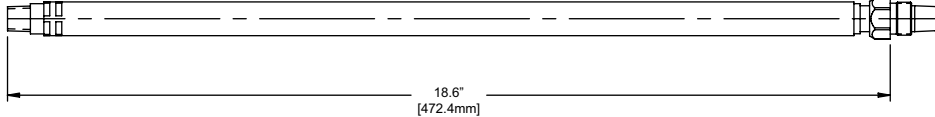
QT-180-7 0°, 7 in.



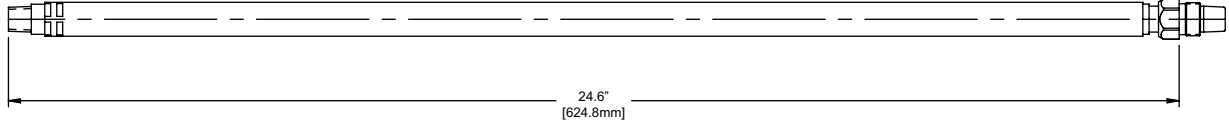
QT-180-12 0°, 12 in.



QT-180-18+ 0°, 18 in.



QT-180-24+ 0°, 24 in.



+ REQUIRES THE USE OF JUMP LINER PART NUMBER QJL-3545-XL OR QJL-116-XL IF ATTACHED TO A BERNARD® BTB MIG GUN WITHA POWER CABLE LONGER THAN 20 FT. (6.16M). QJL-3545-XL IS COMPATIBLE WITH .035" - .045" (.9 MM – 1.2 MM) WIRE. QJL-116-XL IS COMPATIBLE WITH 1/16" (1.6 MM) WIRE.

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