Best of the Best (BTB) Platform

Semi Automatic Air-Cooled MIG Welding Guns



Quick Specs

Applications
Heavy Equipment
Shipbuilding
Pipeline
Fabrication

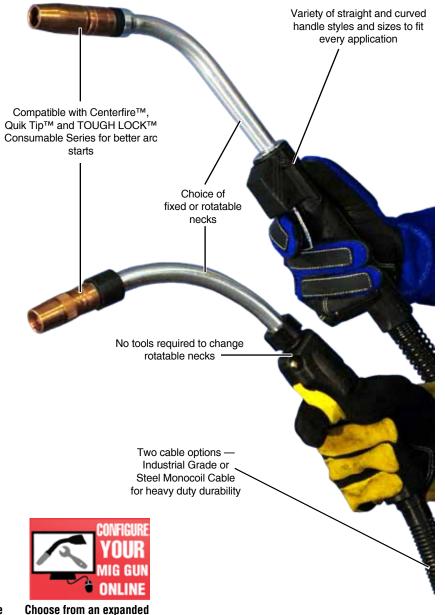
Processes MIG (GMAW) Welding Rated Output 200A 300A 400A 500A 600A **Duty Cycle**

100% CO₂ Gas 60% with Mixed Gases

The Best of the Best (BTB) Platform combines 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.

Best of the Best Platform 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

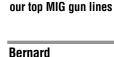




One year manufacturer's warranty on all configured guns



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



list of the best features of

A Divison of Miller Electric Mfg. Co. 449 West Corning Road, Box 667 Beecher, Illinois 60401 USA Phone: 1-855-MIGWELD (644-9353) (US & Canada Only) +1-519-737-3030 (International)

Fax: 708-946-6726

For more information, visit us at BernardWelds.com



Cable Options

Industrial Grade Cable

Details	Amperages	Cable Lengths	Handle Styles
The heavy duty Industrial Cable features	200 Amp	8 ft (2.44 m)	B Series
cotton wrapped copper and durable trigger	300 Amp	10 ft (3.05 m)	Small Curved Handle
leads surrounding a hytrel inner tube. The	400 Amp	12 ft (3.66 m)	Large Curved Handle
industrial grade cable is compatible with	500 Amp	15 ft (4.57 m)	O Series
all amperages, cable lengths and all handle	600 Amp	20 ft (6.10 m)	Small Curved Handle
styles and sizes.	•	25 ft (7.62 m)	Large Curved Handle
•		, ,	T Series
			Small Straight Handle
			Large Straight Handle

Steel Monocoil Cable

Details	Amperages	Cable Lengths	Handle Styles
The Steel Monocoil Cable offers extra	300 Amp	8 ft (2.44 m)	O Series
structural integrity through the steel	400 Amp	10 ft (3.05 m)	Small Curved Handle (300A & 400A only)
monocoil inner tube which gives it superior	500 Amp	12 ft (3.66 m)	Large Curved Handle
pinch resistance and helps to ensure good	600 Amp	15 ft (4.57 m)	T Series
gas flow and wire feedability. The steel	·	20 ft (6.10 m)	Large Straight Handle (300A & 400A only)
monocoil cable is ideal for use in welding		25 ft (7.62 m)	, , , , , , , , , , , , , , , , , , , ,
applications that require longer gun cables		,	
that may be frequently looped or stretched			
around corners to the point of pinching			

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	StandardLockingDual Pull	 Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch with Locking 	StandardLocking	 Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch with Locking 	Standard	Standard Locking Dual Pull Dual Schedule Switch Dual Schedule Switch 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

Fixed Necks

T Series Small Straight Handles		T Series La	ries Large Straight Handles			
205-45	45° Short	305-45	45° Short	405-45LL	45° Longest	
205-60	60° Short	305-60	60° Short	405-60LL	60° Longest	
315-45	45° Medium	405-45	45° Medium			
315-60	60° Medium	405-60	60° Medium			
405-45NB	45° Long	505-45	45° Long			
405-60NB	60° Long	505-60	60° Long			
B Series and	O Series Curved Handle	s				
QT2-30	30° Short	QT3-30	30° Medium	QT5-30	30° Long	
QT2-45	45° Short	QT3-45	45° Medium	QT5-45	45° Long	
QT2-60	60° Short	QT3-60	60° Medium	QT5-60	60° Long	
QT2-80	80° Short	QT3-80	80° Medium		· ·	

Rotatable Necks

B Series, O Series Curved Handles and T Series Large Straight Handles						
QT2-30	30° Short	QT3-30	30° Medium	QT5-30	30° Long	
QT2-45	45° Short	QT3-45	45° Medium	QT5-45	45° Long	
QT2-60	60° Short	QT3-60	60° Medium	QT5-60	60° Long	
QT2-80	80° Short	QT3-80	80° Medium			

T Series Small Handles are not compatible with rotatable necks

Neck Insulators

Users should be aware that neck insulator replacement for Best of the Best Platform 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 30	DOA	400A	500A	600A
NECK & Hallule	Consumantes	Insulator Part Nu		Number	•	
Fixed Necks for	Centerfire™	4523R			4423R	
T Series Straight	Quik Tip™			4423R		
handles	TOUGH LOCK™			402-11		
Rotatable Necks	Centerfire	4523R		4423R		
for O, B, T Series	Quik Tip	4423R				
handles	TOUGH LOCK	OUGH LOCK		10012		
Fixed Necks for	Centerfire	4523R			4423R	
O and B Series	Quik Tip			4423R		
handles	TOUGH LOCK	10012				

Consumables

(available through configurator)

Centerfire™ Consumable Series

Contact Tip	S				
T-023	0.023" (0.6 mm)	T-062	1/16" (1.6 mm)*		
T-030	0.030" (0.8 mm)	T-078	5/64" (2.0 mm)		
T-035	0.035" (0.9 mm)*	T-094	3/32" (2.4 mm)		
T-039	0.039" (1.0 mm)	T-109	7/64" (2.8 mm)		
T-045	0.045" (1.2 mm)*	T-125	1/8" (3.2 mm)		
T-052	0.052" (1.4 mm)	*Part number also applicable for aluminum wire in corresponding size			
Diffusers		Nozzles			
DS-1	Small, Brass	NS-1218B	1/2" Bore, 1/8" Recess, Brass		
D-1	Large, Brass	NS-5818C	5/8" Bore, 1/8" Recess, Brass		
		N-5818C	5/8" Bore, 1/8" Recess, Copper		
		N-5814C	5/8" Bore, 1/8" Recess, Copper		
		N-3414C	3/4" Bore, 1/4" Recess, Copper		

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 *Part number also applicab	3/64" (1.2 mm) Aluminum le for aluminum wire in corresponding size
Diffusers		Nozzles	
D118Q D114Q	1/8" Recess 1/4" Recess	N1C58Q N1C34HQ	5/8" Bore, Plated Copper 3/4" Bore, Plated Copper, HD

See Quik Tip™ Consumables Spec Sheet (QT-2.5) for more information and additional options that can be ordered separately

TOUGH LOCK™ Standard Duty Consumable Series

Contact Tips		Nozzles	
403-14-23	0.023" (0.6 mm)	401-6-62	5/8" Bore, 1/8" Recess, Copper
403-14-30	0.030" (0.8 mm)		
403-14-35	0.035" (0.9 mm)*	Retaining Head	
403-14-1.0	0.039" (1.0 mm)	404-18	Brass
403-14-45	0.045" (1.2 mm)*		
*Part number also appl	icable for aluminum wire in corresponding	size	

TOUGH LOCK™ Heavy Duty Consumable Series

Contact Tips			
403-20-30 403-20-35 403-20-1.0	0.030" (0.8 mm) 0.035" (0.9 mm)* 0.039" (1.0 mm)	403-20-116 403-20-564 403-20-332	1/16" (1.6 mm)* 5/64" (2.0 mm) 3/32" (2.4 mm)
403-20-45 403-20-52	0.045" (1.2 mm)* 0.052" (1.4 mm)	403-20-364	3/64" (1.2 mm) Aluminum licable for aluminum wire in corresponding size
Retaining Hea	ad	Nozzles	
404-26	Dual Taper, Brass	401-6-62 401-5-62 401-5-75	5/8" Bore, 1/8" Recess, Copper 5/8" Bore, 1/4" Recess, Copper 3/4" Bore, 1/4" Recess, Copper

 $See\ TOUGH\ LOCK^{\intercal}{}^{\intercal}\ Consumables\ Spec\ Sheet\ (TRG-TLC-1.5)\ for\ more\ information\ and\ additional\ options$

QUICK LOAD™ Liners

10' (3.05 m) Gun Lengths		15' (4.57 m) Gun Lengths		25' (7.62 m) Gun Lengths	
415-35-10Q	for 0.035" - 0.045" wire	415-23-150	for 0.023" (0.6 mm) wire	415-23-25Q	for 0.023" (0.6 mm) wire
415-116-10Q	for 0.045" - 1/16" wire	415-30-15Q	for 0.030" (0.8 mm) wire	415-30-25Q	for 0.030" (0.8 mm) wire
		415-35-15Q	for 0.035" (0.9 mm) wire	415-35-25Q	for 0.035" (0.9 mm) wire
			for 0.039" (1.0 mm) wire		for 0.039" (1.0 mm) wire
Liner Retainer	'S (required for initial installation)		for 0.045" (1.2 mm) wire		for 0.045" (1.2 mm) wire
415-26	for 0.035" - 5/64" wire	415-116-15Q	for 0.052" (1.4 mm) wire	415-116-25Q	for 0.052" (1.4 mm) wire
415-24	for 0.078" - 3/32" wire		for 1/16" (1.6 mm) wire		for 1/16" (1.6 mm) wire
-		415-564-15Q	for 5/64" (2.0 mm) wire	415-564-25Q	for 5/64" (2.0 mm) wire
		415-332-15Q	for 3/32" (2.4 mm) wire	415-332-25Q	for 3/32" (2.4 mm) wire

See QUICK LOAD $^{\text{TM}}$ Liner Spec Sheet (TRG-QLL-1.5) for more information

Consumables (continued)

Universal Conventional Liners

10' (3.05 m) Gun Lengths		15' (4.57 m) Gun Lengths		25' (7.62 m) Gun Lengths	
L3A-10 L4A-10	for 0.035" - 0.045" wire for 0.045" - 1/16" wire	L1A-15 L2A-15 L3A-15 L4A-15 L6A-15 L7A-15 L8A-15	for 0.023" - 0.030" wire for 0.030" - 0.035" wire for 0.035" - 0.045" wire* for 0.045" - 1/16" wire** for 5/64" wire for 3/32" wire for 7/64" - 1/8" wire	L1A-25 L2A-25 L3A-25 L4A-25 L6A-25 L7A-25 L8A-25	for 0.023" - 0.030" wire for 0.030" - 0.035" wire for 0.035" - 0.045" wire* for 0.045" - 1/16" wire** for 5/64" wire for 3/32" wire for 7/64" - 1/8" wire

^{*}Standard Liner for 0.035" & 0.045" Guns

See Universal Conventional Liner Spec Sheet (L-1.7) for more information

Conventional Liners for Aluminum Wire

10' (3.05 m) Gun Lengths		15' (4.57 m) Gun Lengths		25' (7.62 m)	25' (7.62 m) Gun Lengths		
415-45-02	for 0.035" - 3/64" wire Polymer Liner	415-45-03	for 0.035" - 3/64" wire Polymer Liner	415-45-04	for 0.035" - 0.045" wire Steel Wrapped Nylon		
415-116-22	for 3/64" - 1/16" 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				

(available through configurator)

				(araniario ani saigir sainigarani)			
Bernard™		Euro	Euro		Lincoln [®]		
1880259B 2200140	Quick Disconnect Kit Power Pin (Includes 0-Rings)	1880259E 5060T 4816	Power Pin Kit Euro Block Assembly Adapter Nut	1880259L 214-2-1 419-6	Power Pin Kit Power Pin Trigger Cable Adaptor		
		AutoLengt	h Pin	<u>AutoLengi</u>	th Pin		
		425-820E 428-920E	for 0.030"-0.045" for 0.052"-3/32"	214-87 214-97	for 0.030"-0.045" for 0.052"-3/32"		
Miller®		$\mathbf{O}\mathbf{X}\mathbf{O}^{^{TM}}$					
1880259M 2200137 419-7	Power Pin Kit Power Pin (Includes O-Rings) Trigger Cable Adaptor	1880259X 427-12 419-8	Power Pin Kit Power Pin Trigger Cable				
AutoLengt	h Pin						
214-81 214-91 214-9	for 0.030"-0.045" for 0.052"-3/32" for 7/64" - 1/8"						

Tweco® #4		Tweco® #5		
Power Pin Kit	1880259T5	Power Pin Kit		
Power Pin (Includes O-Rings)	214-12	Power Pin (Includes 0-Rings)		
Trigger Control Lead, Miller	419-4	Trigger Control Lead, Miller		
Trigger Control Lead, Standard	419-8	Trigger Control Lead, Standard		
Trigger Control Lead, Lincoln	419-6	Trigger Control Lead, Lincoln		
Trigger Control Plug, NAS Plug	419-7	Trigger Control Plug, NAS Plug		
AutoLength Pin		h Pin		
for 0.030"-0.045"	214-812	for 0.030"-0.045"		
for 0.052"-3/32"	214-912	for 0.052"-3/32"		
	Power Pin Kit Power Pin (Includes O-Rings) Trigger Control Lead, Miller Trigger Control Lead, Standard Trigger Control Lead, Lincoln Trigger Control Plug, NAS Plug h Pin for 0.030"-0.045"	Power Pin Kit Power Pin (Includes 0-Rings) Trigger Control Lead, Miller Trigger Control Lead, Standard Trigger Control Lead, Lincoln Trigger Control Plug, NAS Plug The Pin Trigger Conductor Plug, NAS Plug Trigger Control Plug, NAS Plug Trigger Conductor Plug Trigge		

^{**}Standard Liner for 1/16" Guns

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 (JL-1.5) 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 LOCKTM Contact Tips.

Compatible with Fixed Necks on Straight Handle Styles only.



See Tregaskiss TOUGH ACCESS $^{\text{TM}}$ Consumables Spec Sheet (TRG-TAC-1.5) for more information

Nozzles

401-54-62	Straight Bore – 5/8" Bore, 1/8" Tip Recess
401-55-62	Straight Bore – 5/8" Bore, Flush Tip
401-56-62	Straight Bore - 5/8" Bore, 1/8" Tip Stick-Out
401-57-62	Straight Bore - 5/8" Bore, 1/4" Tip Stick-Out
401-54-50	Bottleneck* – 1/2" Bore, 1/8" Tip Recess
401-55-50	Bottleneck* – 1/2" Bore, Flush Tip
401-56-50	Bottleneck* – 1/2" Bore, 1/8" Tip Stick-Out
401-57-50	Bottleneck* – 1/2" Bore, 1/4" Tip Stick-Out

Retaining Heads

404-50-25	Heavy Duty Retaining Head			
404-54-25	Standard Duty Retaining Head			

Neck Insulators

402-17-25 Neck Insulator

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.

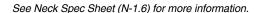
405-FL

See Flex Neck Spec Sheet (FN-1.1) for more information

^{*}Standard Duty consumables recommended for bottleneck styles

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.





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.

421 Compatible with fixed or rotatable necks1790002 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.

422H

Compatible with fixed or rotatable necks



Handle Replacement Kits

B Series Small and Large

1880155 200, 300 amp (std, locking, dual pull) 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)

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† A Short 30°	2 TOUGH LOCK ^{TM^} 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 B Locking Trigger	B Short 45°	3 TOUGH LOCKTM^^	B 0.030"(.8 mm)	E Euro	L QUICK LOAD™ Liner AutoLength™ System**	
Q30 300 Amp	12 ft. (3.66 m)	C Dual Pull Trigger	C Short 60°	5 Quik Tip™^^^	C 0.035"(.9 mm)	L Lincoln [®]	Q QUICK LOAD™ Liner***	
Max. wire size 5/64"	15 ft. (4.57 m)	B Series Large Curved Handle Q40	J Short 80°	8 Centerfire™^^^	D 0.039"(1.0 mm)	M Miller®		
Q40 400 Amp Max. wire size 5/64"	20 ft. (6.16 m)	A Standard Trigger B Locking Trigger	D Medium 30°		E 0.045"(1.2 mm)	0 0X0™		
Q50 500 Amp	25 ft. (7.63 m)	C Dull Pull Trigger D Dual Schedule Switch	E Medium 45°		H 0.052"(1.4 mm)	R Tweco [®] #4 (Miller Lead)		
Max. wire size 3/32"		E Locking Dual Schedule	F Medium 60°		I 1/16"(1.6 mm)	S Tweco #4		
Q60 600 Amp Max. wire size 1/8"		0 Series Large Curved Handle Q40, Q50, Q60, S40, S50, S60	K Medium 80°		K 5/64"(2.0 mm)	(Lincoln Lead)		
Steel Monocoil Cable		G Standard Trigger H Locking Trigger I Dual Pull Trigger	G Long 30°		L 3/32"(2.4 mm) M 7/64"(2.8 mm)	T Tweco #4 (std. Lead)		
\$30 300 Amp Max. wire size 5/64"		K Dual Schedule Switch L Locking Dual Schedule	H Long 45°		N 1/8"(3.2 mm)	U Tweco #4 (NAS Plug)		
\$40 400 Amp		T Series Large Straight Handle	I Long 60°		Aluminum	W Tweco #5		
Max. wire size 5/64"		Q30, Q40, Q50, Q60, S30, S40 M Standard Trigger	Fixed N Short 30°††		Q 0.035"(.9 mm)	(std. Lead)		
\$50 500 Amp Max. wire size 3/32"		N Locking Trigger P Dual Pull Trigger	0 Short 45°		R 3/64" (1.19 mm)	X Tweco #5 (Miller Lead)		
\$60 600 Amp Max. wire size 1/8"		Dual Schedule Switch Locking Dual Schedule	P Short 60°	+ N/-+	\$ 1/16" (1.6 mm)*			
	J	T Series Small Straight Handle	W Short 80°††	†† For B Series and T Series Straight H		andle styles only. N	lot compatible with	
		S Standard Trigger	Q Medium 30°††	Available for wire sizes up to 0.045" for 200, 300 and 400 amp guns.				
		O Series Small Curved Handle Q20, Q30, Q40, S30, S40	R Medium 45°					
		T Standard Trigger U Locking Trigger	S Medium 60°	^^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.				
			X Medium 80°††					
			T Long 30°†† U Long 45°					
			V Long 60°					
			Y Extra Long 45°†††					
			Z Extra Long 60°†††					

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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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