

W-GUN™ | MIG [GMAW] SEMI AUTOMATIC WELDING



Issued September 2025 | Index No. WGUN/1.8

SEMI-AUTOMATIC WATER-COOLED MIG GUNS

APPLICATIONS	• Heavy Equipment • Oil & Gas • General Manufacturing & Fabrication
PROCESSES	• MIG (GMAW) • Welding
WIRE SIZE	• 0.035" - 3/32" (0.8 mm-2.4 mm)
DUTY CYCLE	• 100%: 600 amp with Mixed Gas

INCREASE VERSATILITY AND PRODUCTIVITY. IMPROVE WELD QUALITY.

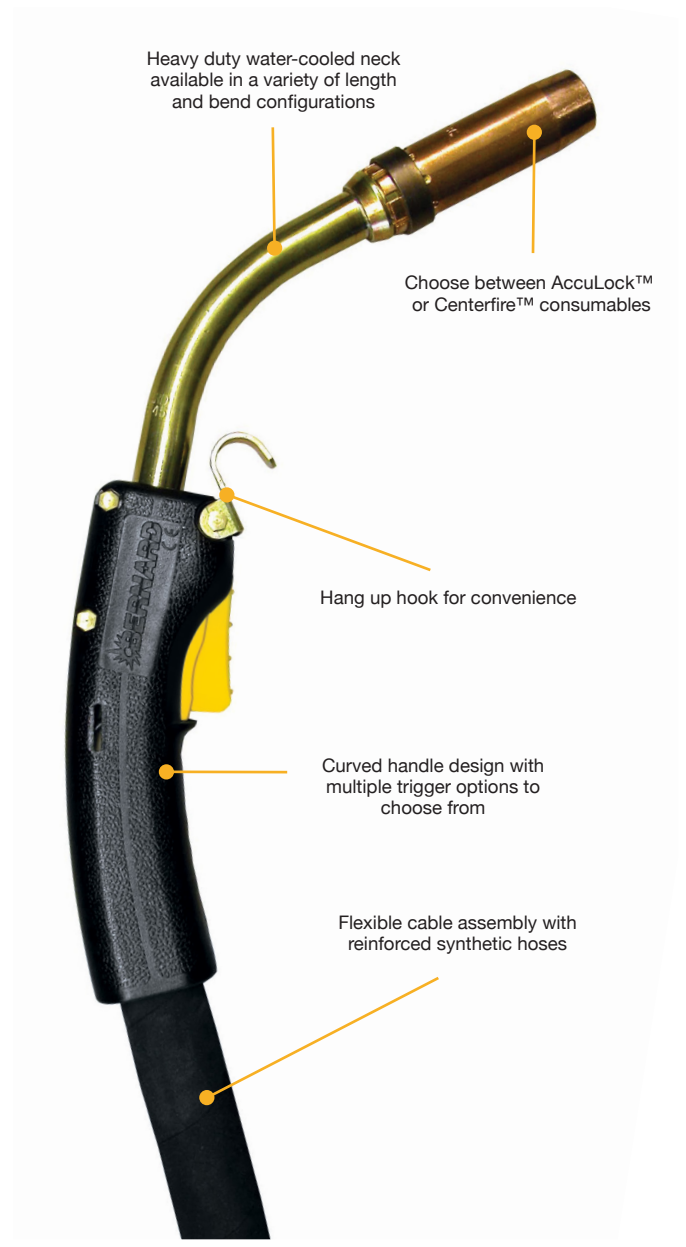
Available in 600 amp models between 8- and 25-foot cable lengths, Bernard W-Gun semi-automatic water-cooled MIG guns contain a flexible cable assembly with reinforced synthetic rubber hoses to prevent water leakage, provide increased water flow and reduce gas leakage.

Heavy duty necks are available in multiple lengths and bend configurations to allow for optimal weld accessibility – plus, choose from a variety of handle and trigger options to accommodate operator comfort and preference.

- Flexible cable assembly with reinforced synthetic rubber hoses prevents water leakage and provides increased water flow and reduced gas leakage
- Multiple trigger options increase operator comfort
- Heavy duty water-cooled necks are offered in multiple length and bend configurations to allow for optimal weld accessibility and improved operator comfort
- Rear housing with water cable strain relief reduces chance of kinking and premature gun failure
- Water block with interchangeable power pins and trigger leads connects to wire feeders and machines from major manufacturers and allows for simple maintenance



EXPANDED CONTACT TIP OPTIONS
AVAILABLE WITH ACCULOCK™ CONSUMABLES

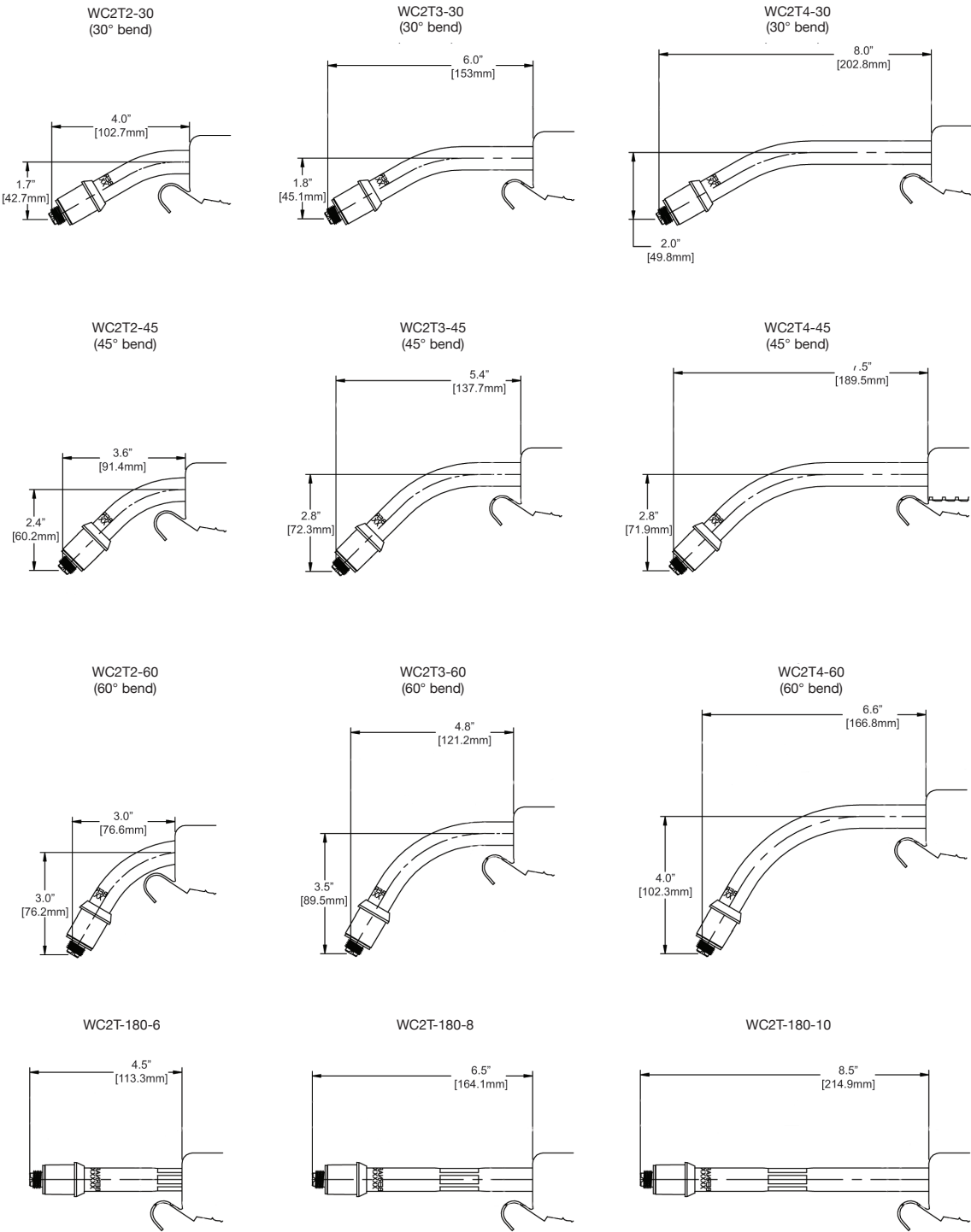


HANDLE KITS AND TRIGGERS

HANDLE KITS AND TRIGGERS

1880198	Handle Kit; Compatible with standard, locking or dual pull triggers (not included).	5662	Standard Trigger, Dual Schedule Trigger
DSA-1	Handle Kit; Compatible with dual schedule trigger (not included).	5662L	Locking Trigger
		2690001	Dual Pull Trigger

NECKS



HANDLE AND TRIGGER OPTIONS

ACCULOCK™ R CONSUMABLES

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



Contact Tips

T-A023CH 0.023" (0.6 mm)
T-A030CH 0.030" (0.8 mm)
T-A035CH 0.035" (0.9 mm)
T-A039CH 0.039" (1.0 mm)

T-A045CH 0.045" (1.2 mm)
T-A052CH 0.052" (1.3 mm)
T-A062CH 1/16" (1.6 mm)

T-A072CH 0.070" (1.8 mm)
T-A078CH 5/64" (2.0 mm)
T-A094CH 3/32" (2.4 mm)

Aluminum-Specific Contact Tips

T-A035AL 0.035" (0.9 mm)

T-A047AL 3/64" (1.2 mm)

T-A062AL 1/16" (1.6 mm)

AccuLock™ R Diffusers

D-ATSH-AW2 Diffuser, water-cooled, Acculock R

Nozzles

5627 1/8" recess, water-cooled

Neck Insulators

1840003 Neck insulator

CENTERFIRE™ CONSUMABLES

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



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)

Diffusers

DW-1 Diffuser, water-cooled

Nozzles

NW-3418C 1/8" recess, water-cooled
NW-3414C 1/4" recess, water-cooled

REAR LOAD LINERS

SEE BERNARD® REAR LOAD LINER SPEC SHEET (SP-BER-RL) FOR MORE INFORMATION

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

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**

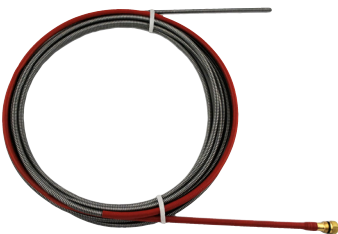
L6A-25 for 5/64" wire
L7A-25 for 3/32" wire

• E-Z FEED LINER TECHNOLOGY

* STANDARD LINER FOR 0.035" AND 0.045" GUNS

** STANDARD LINER FOR 1/16" GUNS

E-Z FEED™ REAR LOAD LINERS



E-Z FEED REAR LOAD LINER

E-Z Feed Rear Load liners feature a unique profile and galvanized 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.

COMPONENTS

CONDUITS

WC2CA-6	Conduit assembly, 8' (2.44 m)	WC2CA-3	Conduit assembly, 15' (4.57 m)
WC2CA-1	Conduit assembly, 10' (3.05 m)	WC2CA-4	Conduit assembly, 20' (6.10 m)
WC2CA-2	Conduit assembly, 12' (3.66 m)	WC2CA-5	Conduit assembly, 25' (7.62 m)

RETURN HOSES

RRH-08	Return hose, 8' (2.44 m)	RRH-15	Return hose, 15' (4.57 m)
RRH-10	Return hose, 10' (3.05 m)	RRH-20	Return hose, 20' (6.10 m)
RRH-12	Return hose, 12' (3.66 m)	RRH-25	Return hose, 25' (7.62 m)

POWER CABLES

RPC-08	Power cable, 8' (2.44 m)	RPC-15	Power cable, 15' (4.57 m)
RPC-10	Power cable, 10' (3.05 m)	RPC-20	Power cable, 20' (6.10 m)
RPC-12	Power cable, 12' (3.66 m)	RPC-25	Power cable, 25' (7.62 m)

RETURN HOSE/POWER CABLE SETS (includes return hose and power cable)

RCS-08	Return hose/power cable set, 8' (2.44 m)	RCS-15	Return hose/power cable set, 15' (4.57 m)
RCS-10	Return hose/power cable set, 10' (3.05 m)	RCS-20	Return hose/power cable set, 20' (6.10 m)
RCS-12	Return hose/power cable set, 12' (3.66 m)	RCS-25	Return hose/power cable set, 25' (7.62 m)

CONTROL WIRE ASSEMBLIES

WC2CW-4	Control wire assembly, 8' (2.44 m)	WC2CW-3	Control wire assembly, 15' (4.57 m)
WC2CW-1	Control wire assembly, 10' (3.05 m)	WC2CW-5	Control wire assembly, 20' (6.10 m)
WC2CW-2	Control wire assembly, 12' (3.66 m)	WC2CW-6	Control wire assembly, 25' (7.62 m)

OUTER COVERS

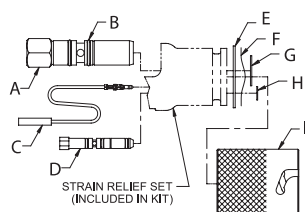
WC2OC-08	Outer cover, 8' (2.44 m)	WC2OC-15	Outer cover, 15' (4.57 m)
WC2OC-10	Outer cover, 10' (3.05 m)	WC2OC-20	Outer cover, 20' (6.10 m)
WC2OC-12	Outer cover, 12' (3.66 m)	WC2OC-25	Outer cover, 25' (7.62 m)

CABLE ASSEMBLIES (includes conduit, return hose, power cable, control wire and outer cover)

RCA-08	Cable assembly, 8' (2.44 m)	RCA-15	Cable assembly, 15' (4.57 m)
RCA-10	Cable assembly, 10' (3.05 m)	RCA-20	Cable assembly, 20' (6.10 m)
RCA-12	Cable assembly, 12' (3.66 m)	RCA-25	Cable assembly, 25' (7.62 m)

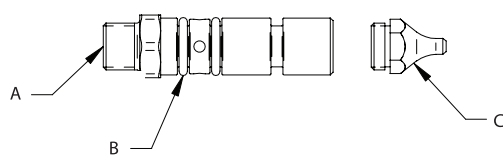
POWER PINS

BERNARD®



A.	Power Pin Assembly	2200008
B.	O-Ring (2 Required)	4929
C.	Lead Wire (2 Required)	4924
D.	Gas Pin Assembly	2060033
E.	Snap Ring, Large	4911
F.	Wave Ring	4916
G.	Snap Ring, Medium	4912
H.	Snap Ring, Small	2250016
I.	Locking Sleeve	4925

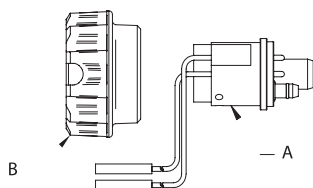
MILLER®



A.	Power Pin Assembly (Includes O-Rings)	2200101
B.	O-Ring (2 Required)	4478
C.	Power Pin Tip (0.023" - 0.045")	2200134
	Power Pin Tip (3/32" - 1/8")	2200135
	Power Pin Tip (0.052" - 5/64")	2200136
	Power Pin Tips for Aluminum Wire	
	Power Pin Tip (0.030" - 0.035")	2200105
	Power Pin Tip (0.040" - 3/64")	2200106
	Power Pin Tip (0.052" - 1/16")*	2200107

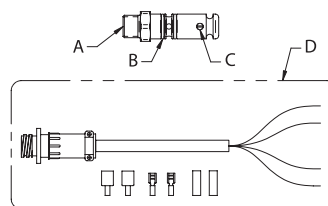
*OPTIONAL

EURO



A.	Euro Block Assembly	5060
B.	Adaptor Nut	4816

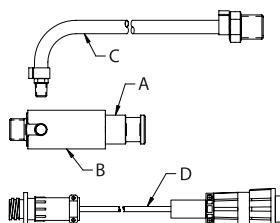
TWECO® #4 / #5



A.	Power Pin Assembly (Tweco™ 4)	2200118
	Power Pin Assembly (Tweco™ 5)	2200104
B.	O-Ring (2 Req'd - Tweco™ 4)	4713
	O-Ring (2 Req'd - Tweco™ 5)	4929
C.	Set Screw	4714
D.	Trigger Cable Adaptor	SCT1N
	Trigger Cable Adaptor, Lincoln*	SCL2N
	Trigger Cable Adaptor, ESAB*	SCX1N

*OPTIONAL

LINCOLN®



A.	Power Pin	2200099
B.	Insulator	1840059
C.	Gas Line Assembly	GLM1
D.	Trigger Cable Adaptor	SCL2N

ACCESSORIES

WATER COOLER HOOK-UP KITS

WC2HK-1	Water Cooler Hookup Kit includes two 15' hoses and fittings to connect our gun to a water cooler.	WC2HK-3	Water Cooler Hookup Kit includes two 3' hoses and fittings to connect our gun to a water cooler.
WC2HK-2	Water Cooler Hookup Kit includes two 30' hoses and fittings to connect our gun to a water cooler.		

ORDERING INFORMATION

Amperage	Length	Handle & Trigger Option	Neck Option	Contact Tip	Wire Sizes	Power Pin
W60	15	A	I	4	C	M
W60 600 amp	10 10' (3.05 m) 15 15' (4.57 xm) 20 20' (6.16 m) 25 25' (7.63 m)	A Standard trigger B Locking trigger C Dual pull trigger D Dual schedule switch	A Short 30° B Short 45° C Short 60° D Short 180° H Medium 30° I Medium 45° J Medium 60° K Medium 180° P Long 30° Q Long 45° R Long 60° S Long 180°	4 AccuLock R 8 Centerfire	C 0.035" D 0.039" E 0.045" H 0.052" I 1/16" K 5/64" L 3/32" ALUMINUM* Q 0.035" R 3/64" S 1/16"	E Euro L Lincoln M Miller S Tweco #4 (Lincoln lead) T Tweco #4 (std. lead)

*E-Z FEED(TM) REAR LOAD LINERS STANDARD WITH ACCULOCK R

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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.
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