

MIG/MAG Torches D40 watercooled



An Illinois Tool Works Company



Version 1.0

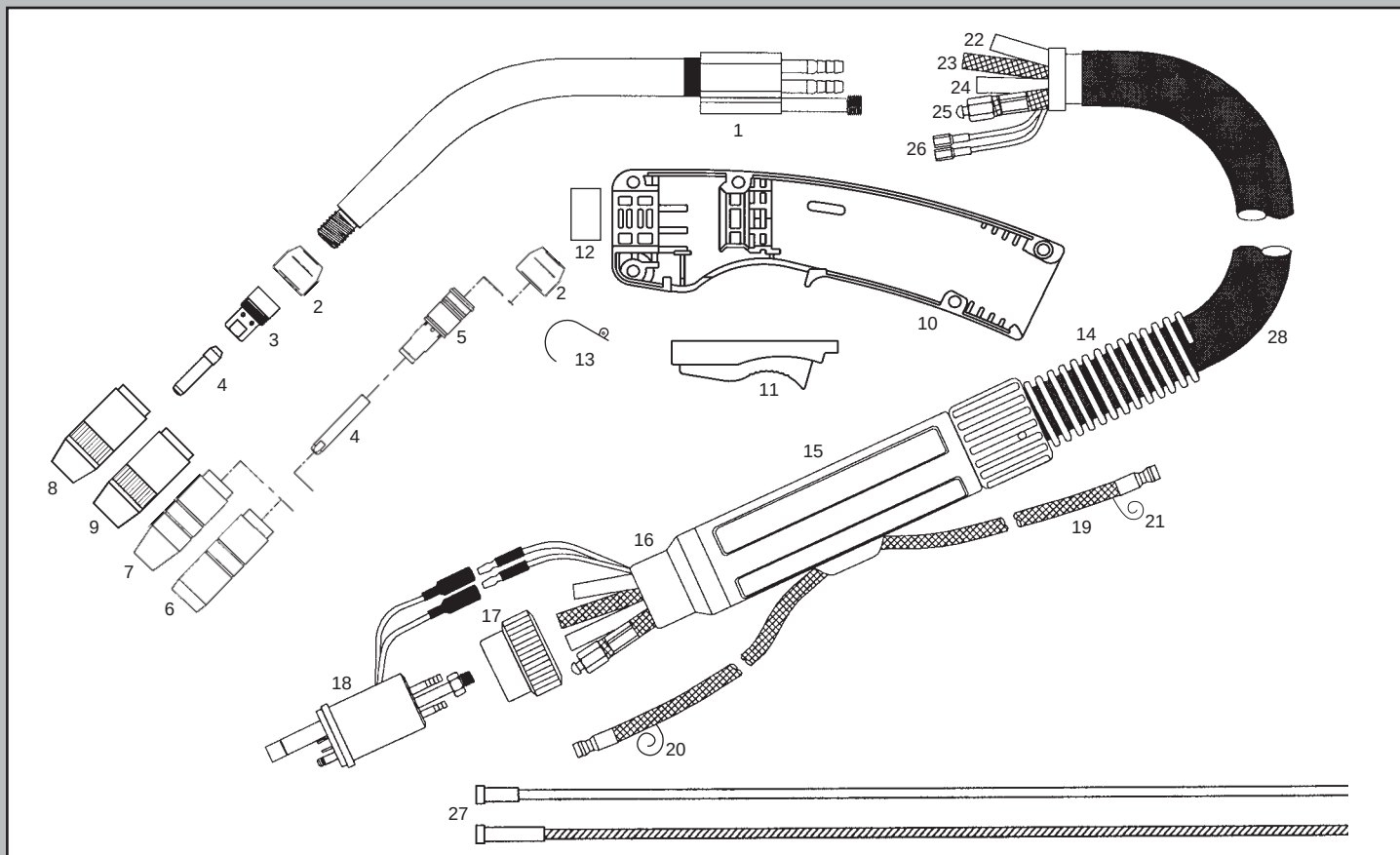




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D40 MIG/MAG TORCHES WATERCOOLED



Pos.	Number	Description
1	D40T3-30BND	Body Tube 30° watercooled 180,4 mm long
1	D40T3-45BND	Body Tube 45° watercooled 160,1 mm long
1	D40T2-45BND	Body Tube 45° watercooled 113,9 mm long
2	4423R	Cap
3	D-1	Gas Diffuser
4		Contact Tip
5	4435	Gas Diffuser Elliptical Series
6	4591	Nozzle (Copper) 19,0 mm
7	4592	Nozzle (Copper) 14,3 mm
8	N-5814C	Nozzle (Copper) 15,9 mm
9	N-3414C	Nozzle (Copper) 19,0 mm
10	1880198	Handle
11	5662	Switch
12	5626	Bushing Hex Nut
13	5719	Hang up hook Kit
14	D4025201	Cable Support, spring
15	D4018801	Adaptor Support
16	ZA-11	Adaptor Support Screw
17	ZA-14	Adaptor Nut
18	50601	Adaptor Block Euro
19	D40WS55B	Water „out“ Hose 55 cm (red)
20	2950017	Cap Plug blue
21	2950018	Cap Plug red
22	D40CA 10	Conduit Assembly: 3,05 Meter
	D40CA 12	3,66 Meter
	D40CA 15	4,57 Meter
23	D40WS10B	Water „in“ Hose (blue): 3,05 Meter
	D40WS12B	3,66 Meter
	D40WS15B	4,57 Meter

Pos.	Number	Description
24	D40GS10S	Gas Hose Assembly (black): 3,05 Meter
	D40GS12S	3,66 Meter
	D40GS15S	4,57 Meter
25	D40PC10S	Powercable Assembly (black): 3,05 Meter
	D40PC12S	3,66 Meter
	D40PC15S	4,57 Meter
26	D40CW 10	Control Wire Assembly: 3,05 Meter
	D40CW 12	3,66 Meter
	D40CW 15	4,57 Meter
27	44110	Liner (Standard): 3,05 Meter, Tip 0.035" – 0.045" (0,9 mm – 1,2 mm)
	44115	4,57 Meter, Tip 0.035" – 0.045" (0,9 mm – 1,2 mm)
	44210	3,05 Meter, Tip 0.045" – 1/16" (1,2 mm – 1,6 mm)
	44215	4,57 Meter, Tip 0.045" – 1/16" (1,2 mm – 1,6 mm)
	1920168	3,05 Meter, Tip 5/64" (2,0 mm)
	1920170	4,57 Meter, Tip 5/64" (2,0 mm)
28	43115X	Liner for Aluminium Welding: 4,57 Meter, Tip 0.035" – 0.045" (0,9 mm – 1,2 mm)
	43215X	4,57 Meter, Tip 0.045" – 1/16" (1,2 mm – 1,6 mm)
	D40WS2 10	Cover Sheet Leather and Woven 10 ft.
	D40WS2 12	Cover Sheet Leather and Woven 12 ft.
	D40WS2 15	Cover Sheet Leather and Woven 15 ft.
	D40RS2 10	Cover Sheet Rubber 10 ft.
	D40RS2 12	Cover Sheet Rubber 12 ft.
	D40RS2 15	Cover Sheet Rubber 15 ft.



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Get the right tool for the Job

The Custom Select ordering system for Bernard watercooled Torches

Build a part number for a new Q-Gun by selecting: Amperage, Cable Length, Handle and Trigger, Neck, Contact Tip and Direct Plug Style.

AMPERAGE	CABLE LENGTH	HANDLE AND TRIGGER
400 amps	10 10 ft. 12 12 ft. 15 15 ft.	B Bernard Handle

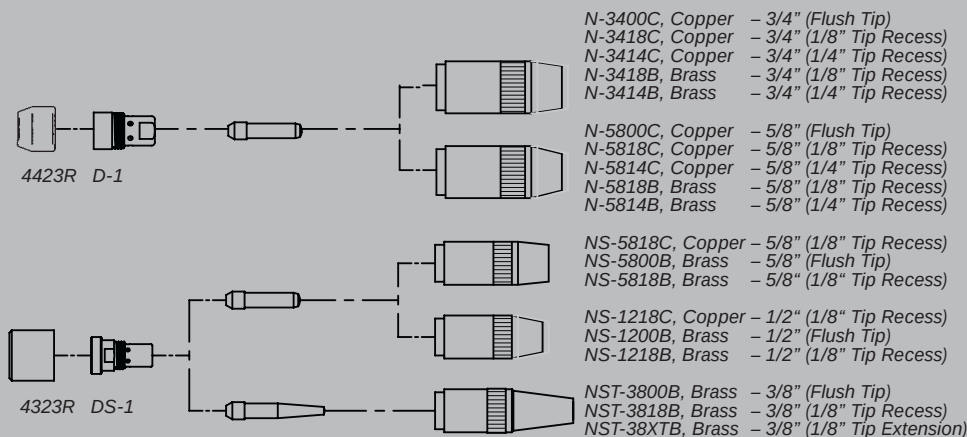
**Super
Flex
Paket**

D40	15	B	B	8D	E	SF
Bernard						

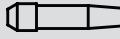
NECK	
B	Body Tube Bernard 45° D40T3-45BND
C	Body Tube Bernard 30° D40T3-30BND
D	Body Tube Bernard 45° D40T2-45BND

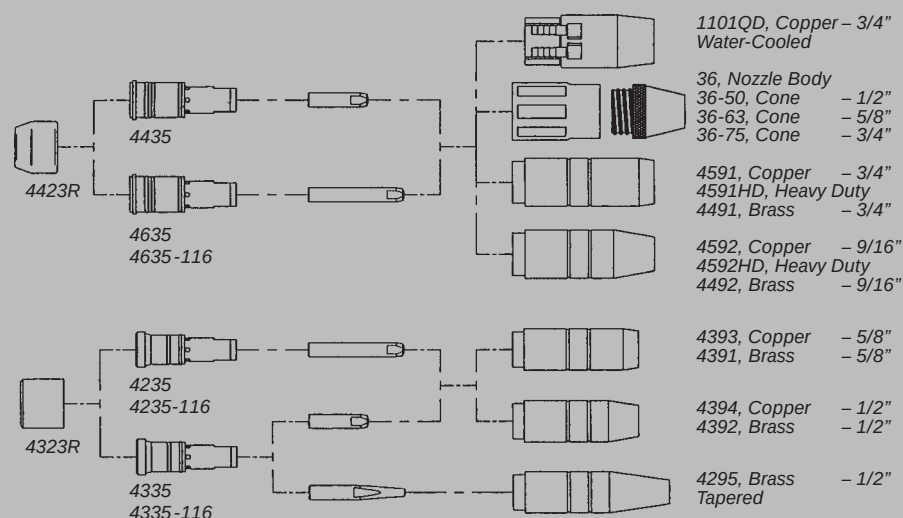
CONTACT TIP			
D40 Centerfire Contact Tip			
8B	0.030"	(0,8 mm)	T-030
8C	0.035"	(0,9 mm)	T-035
8D	0.039"	(1,0 mm)	T-039
8E	0.045"	(1,2 mm)	T-045
8H	0.052"	(1,4 mm)	T-052
8I	1/16"	(1,6 mm)	T-062
8K	5/64"	(2,0 mm)	T-078
8L	3/32"	(2,4 mm)	T-094
8M	7/64"	(2,8 mm)	T-109
8N	1/8"	(3,2 mm)	T-125
7400 Series, 1.25" long Standard Elliptical			
7A	0.023"	(0,6 mm)	7497
7B	0.030"	(0,8 mm)	7488
7C	0.035"	(0,9 mm)	7489
7D	0.039"	(1,0 mm)	7496
7E	0.045"	(1,2 mm)	7490
7H	0.052"	(1,4 mm)	7498
7I	1/16"	(1,6 mm)	7491
7K	5/64"	(2,0 mm)	7492
7L	3/32"	(2,4 mm)	7493
7M	7/64"	(2,8 mm)	7494
7N	1/8"	(3,2 mm)	7495
1500 Series, 2.00" long - Heavy Duty Elliptical			
1A	0.023"	(0,6 mm)	1597
1B	0.030"	(0,8 mm)	1588
1C	0.035"	(0,9 mm)	1589
1D	0.039"	(1,0 mm)	1596
1E	0.045"	(1,2 mm)	1590
1H	0.052"	(1,4 mm)	1598
1I	1/16"	(1,6 mm)	1591
1K	5/64"	(2,0 mm)	1592
1L	3/32"	(2,4 mm)	1593
1M	7/64"	(2,8 mm)	1594
1N	1/8"	(3,2 mm)	1595

DIRECT PLUG STYLE	
E	Euro
M	Miller



CONTACT TIPS

 length 38,1 mm	 length 50,8 mm
Part No. Size	Part No. Size
T-030 0.030" (0,8 mm)	TT-030 0.030" (0,8 mm)
T-035 0.035" (0,9 mm)	TT-035 0.035" (0,9 mm)
T-039 0.039" (1,0 mm)	TT-045 0.045" (1,2 mm)
T-045 0.045" (1,2 mm)	TT-052 0.052" (1,4 mm)
T-052 0.052" (1,4 mm)	TT-062 1/16" (1,6 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)	



ELLIPTICAL TIP

 1500 Series 2.00" long	 7400 Series 1.25" long	 4200 Series long
1597 0.023" (0,6 mm)	7497 0.023" (0,6 mm)	4285 0.030" (0,8 mm)
1588 0.030" (0,8 mm)	7488 0.030" (0,8 mm)	4281 0.035" (0,9 mm)
1589 0.035" (0,9 mm)	7489 0.035" (0,9 mm)	4299 0.039" (1,0 mm)
1596 0.039" (1,0 mm)	7496 0.039" (1,0 mm)	4282 0.045" (1,2 mm)
1590 0.045" (1,2 mm)	7490 0.045" (1,2 mm)	4283 0.052" (1,4 mm)
1598 0.052" (1,4 mm)	7498 0.052" (1,4 mm)	
1591 1/16" (1,6 mm)	7491 1/16" (1,6 mm)	
1592 5/64" (2,0 mm)	7492 5/64" (2,0 mm)	
1593 3/32" (2,4 mm)	7493 3/32" (2,4 mm)	
1594 7/64" (2,8 mm)	7494 7/64" (2,8 mm)	
1595 1/8" (3,2 mm)	7495 1/8" (3,2 mm)	



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No tools required to replace
Tipp or nozzle.

"Drop-In" tip with no threads
means quick change after
burnback, reducing down time.

Large diameter tip base and
tapered seat provides better
electrical conductivity and heat
transfer.

Spatter shield within nozzle
protects diffuser and gives
smoother, less turbulent gas
flow.

Solid, concentric relationship
between tip and nozzle keeps
tip centered even after hard
use... and abuse.

Fixed tip recess – choose from
flush, 1/8" or 1/4" tip recess.

Compatible with all standard
air-cooled Bernard guns.

Complete family of tips and
nozzles is available to meet
most of your welding needs.

(Dealer Stamp)

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