



To assist you in selecting the consumable series that's compatible with your MIG gun, please consult the reference chart below:

CONSUMABLES AND MIG GUN SERIES COMPATIBILITY CHART

	Centerfire™	Quik Tip™	Tregaskiss™ TOUGH LOCK™	Tregaskiss™ TOUGH ACCESS™
BTB MIG Guns	✓	✓	✓	SP
TGX™ MIG Guns	CK	CK	✓	✓
W-Gun™ MIG Guns	✓	✓		
T-Gun MIG Guns (water-cooled)			SP	
Bernard FILTAIR™ Fume Extraction Series	✓	✓		
Dura-Flux™ with Replaceable Power Cable Liner		✓		
Dura-Flux with Fixed Cable Liner	✓			

GUIDE: ✓ Compatible
 SP Compatible, but may require special parts. Check Spec Sheet for details.
 CK Compatible, but requires conversion kit

Are you looking for a particular feature or option in your consumable series? Please see the comparison chart below:

CONSUMABLES COMPARISON CHART

	Centerfire™	Quik Tip™	Tregaskiss™ TOUGH LOCK™	Tregaskiss™ TOUGH ACCESS™
Standard-Duty	✓	✓	✓	✓
Heavy-Duty	✓	✓	✓	✓
"Drop in" Contact Tip (no threads)	✓			
Threaded Contact Tips		✓	✓	✓
Extra Heavy-Duty Tips Available			✓	
Tapered Tips Available	✓	✓	✓	✓
Chrome Zirconium Tips Available			✓	✓
Threaded Nozzles	✓	✓	✓	
Slip-on Nozzles		✓	✓	✓
Nozzle has Built-in Spatter Shield	✓			
Competitive Conversion Parts Available	✓	✓	✓	
Compact Size - Hard to Access Welds				✓
Taper Lock - Tip to Diffuser/Head	✓	✓	✓	✓
Taper Lock - Diffuser/Head to Neck			✓	

Quik Tip™ Series

Nozzles, Contact Tips, Diffusers

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All Consumables are Not Created Equal.

It's important to choose longer lasting consumables. They can make the difference between repeated consumable replacement and rework, or more arc time and better bottom line.

Bernard Quik Tip™ Series shown with compatible insulator cap, diffuser and threaded nozzle.

Quik Tip™ Contact Tips are designed with a threaded taper lock that increases contact tip life by providing excellent heat transfer and electrical conductivity

A quick twist is all it takes to install Quik Tip Contact Tips. In case of burn back, another quick twist will get you back on the job in moments

Diffusers have positive stops to secure **Quik Tip Contact Tips** in a fixed position for superior repeatability and consistent, quality welds - multiple fixed positions available

Nozzles available in threaded and slip-on styles with a variety of orifice diameters for optimal shielding gas coverage

Quik Tip™ HD Series features a removable nozzle cone that lowers downtime and consumables cost by allowing operators to replace only the cone, the most frequently damaged part of the nozzle, without removing and replacing the entire nozzle and contact tip

Quik Tip™ HD Series features an increased wall thickness and insulating material to reduce the number of changeovers caused by heat degradation

Fit all Best of the Best (BTB) Platform MIG guns - from 200 - 600 amps

Bernard Quik Tip™ HD Series shown with nozzle body and cone, Quik Tip Contact Tip, diffuser, and insulator

Made with
Pride and without
Compromise in the **USA**

Bernard

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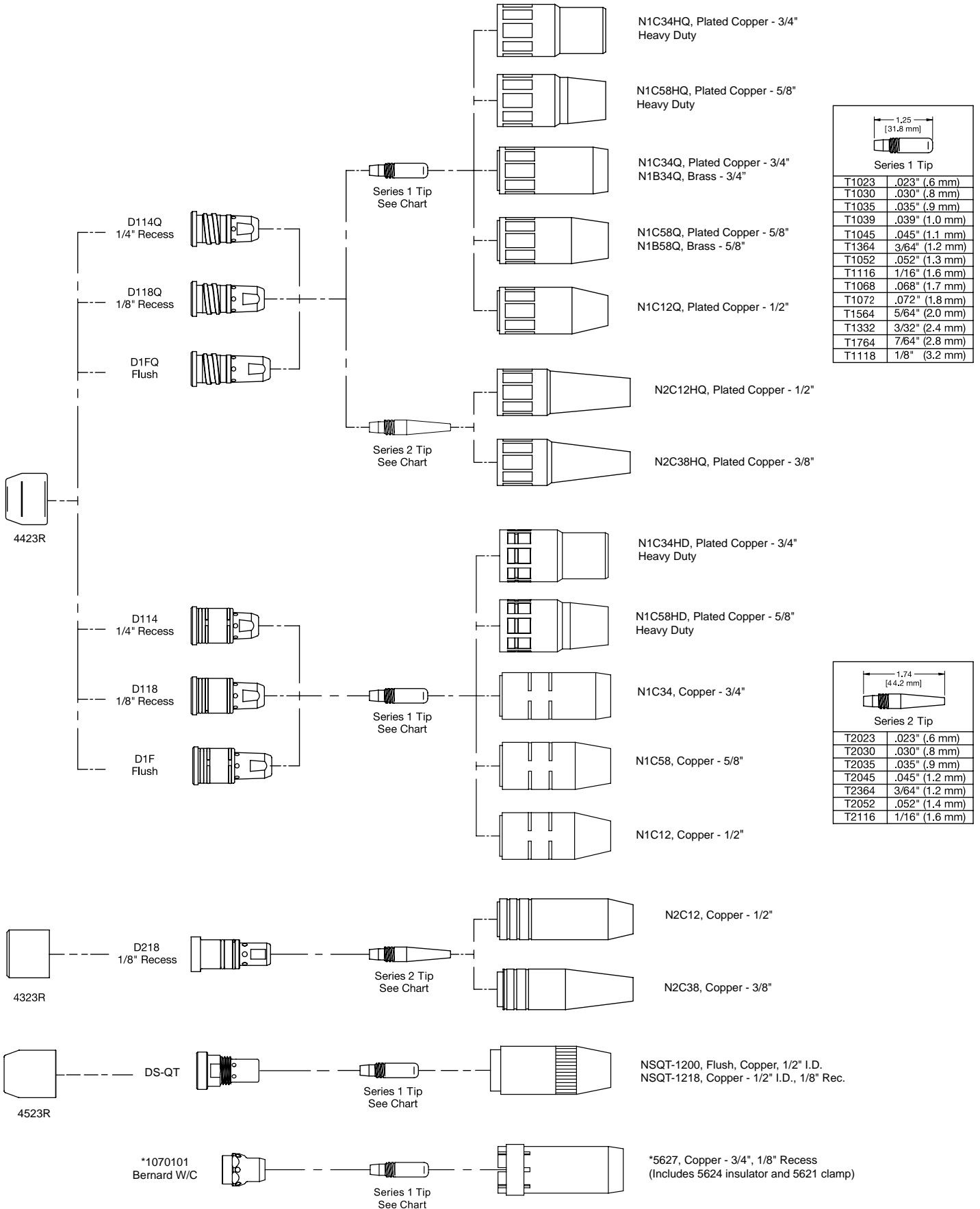
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For more information, visit us at BernardWelds.com

BERNARD™

Available Parts



Conversion Series

Simplify parts management and improve performance by converting all of your MIG guns to Quik Tip™ Nozzles, Contact Tips and Diffusers. Find your MIG gun make and model on the left, then follow the chart to the right for parts needed to upgrade.

Slip-On Nozzles

Gun Manufacturer	Model	Adapter	Insulator	Diffuser	Contact Tip	Nozzle
Tweco®	No. 1 No. 2	1380005	10012	D1F D118 D114	Quik Tip Series 1	N1C12 N1C58 N1C34 N1C34HD N1C58HD
	ELC250 ELC350 Spraymaster 250 Spraymaster 350	1380012				
	ELC 450 EL 450 EL 600 Supra XT (EL Consumables)	1380017				
Lincoln®	Magnum 250	1380005				

Threaded Nozzles

Gun Manufacturer	Model	Adapter	Insulator	Diffuser	Contact Tip	Nozzle
Tweco	No. 1 No. 2	1380005	10012	D1FQ D118Q D114Q	Quik Tip Series 1	N1C12Q N1C58Q N1C34Q N1C58HQ N1C34HQ
	No. 3 No. 4 Tuff-N-Lite Supra XT (HD Consumables) Spraymaster 450	Not Required	VL1N	D118QLL D114QLL		
	ELC250 ELC350 Spraymaster 250 Spraymaster 350	1380012	10012	D1FQ D118Q D114Q		
	ELC 450 EL 450 EL 600 Supra XT (EL Consumables)	1380017	10012	D1FQ D118Q D114Q		
Lincoln	Magnum 250	1380005	10012	D1FQ D118Q D114Q	Quik Tip Series 1	N1C12Q N1C58Q N1C34Q N1C58HQ N1C34HQ
	Magnum 300 and 400	Not Required	VL1N	D118QLL D114QLL		
Miller®	M25	Not Required	10012	D118QMQ		
Tregaskiss™	Former TOUGH GUN™ Semi-Automatic Series or former Bernard T-Gun™ Series	Not Required	VL1N	D118QLL D114QLL		

Quik Tip™ Nozzles, Contact Tips and Diffusers are manufactured by Bernard. Bernard, Miller, Quik Tip and T-Gun are trademarks of Illinois Tool Works, Inc. Other brands mentioned are for reference only and are the registered trademarks of their respective companies. Illinois Tool Works, Inc. is not affiliated with these other companies.

Installation Instructions

Standard Installation:

1. Install insulator cap over neck.
2. Trim liner to correct dimension for diffuser being used (see Liner Trim Guidelines).
3. Torque diffuser onto neck to approx. 12ft-lbs.
4. Insert contact tip into diffuser and lock into position with a clockwise motion.
5. Thread nozzle onto diffuser and tighten firmly by hand.

Installation with Conversion Adapter:

1. Install conversion adapter.
2. Install insulator cap over conversion adapter.
3. Trim liner to correct dimension for diffuser being used (see Liner Trim Guidelines).
4. Torque diffuser onto neck to approx. 12ft-lbs.
5. Insert contact tip into diffuser and lock into position with a clockwise motion.
6. Thread nozzle onto diffuser and tighten firmly by hand.

Liner Trim Guidelines

- Diffusers with flush tips – Trim 1" beyond neck thread.
- Diffusers with 1/8" tip recess – Trim 7/8" beyond neck thread.
- Diffusers with 1/4" tip recess – Trim 3/4" beyond neck thread.

Quik Tip HD Series - Available Parts

