

<b>APPLICATIONS</b>	• Ship • General Manufacturing & Fabrication • Heavy Equipment
<b>SYSTEM COMPONENTS</b>	• Contact Tips • Nozzles • Diffusers • Insulators
<b>COMPATIBLE WITH</b>	• BTB Series MIG Guns • Clean Air™ Series • FILTAIR™ Fume Extraction Series • Dura-Flux™ Replaceable Liner Series • Legacy Q-Gun™ and S-Gun™ Series • W-Gun™ Series
<b>WIRE SIZES</b>	• 0.035" to 1/16" (0.9 to 1.6 mm)



## QUIK TIP™ SERIES CONSUMABLES

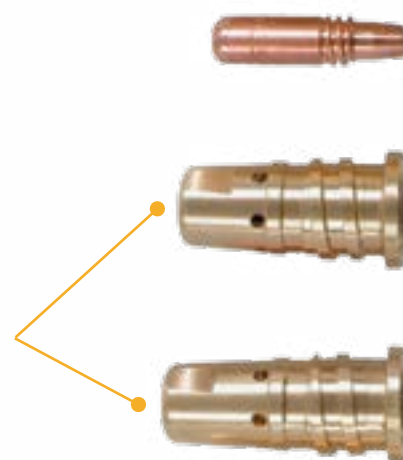
Designed with a threaded taper lock between the contact tip and the gas diffuser to increase tip life by providing excellent heat transfer and electrical conductivity.



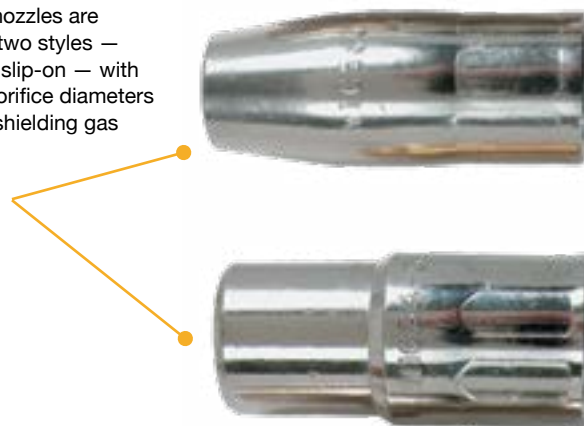
## QUIK TIP™ HD CONSUMABLES

Feature a removable nozzle cone that lowers downtime and consumable costs by allowing operators to replace only the cone, the most frequently damaged part of the nozzle, without removing and replacing the entire nozzle. Contains an increased wall thickness and insulating material to reduce the number of changeovers caused by heat degradation.

Quik Tip™ gas diffusers have positive nozzle stops to secure Quik Tip™ contact tips in a fixed position for superior repeatability and consistent, quality welds.



Quik Tip™ nozzles are available in two styles — threaded or slip-on — with a variety of orifice diameters for optimal shielding gas coverage.



### ONE QUICK TWIST

A QUICK TWIST IS ALL IT TAKES TO INSTALL QUIK TIP CONTACT TIPS



### GOOD HEAT DISSIPATION

FOR SUPERIOR REPEATABILITY AND CONSISTENT, QUALITY WELDS



### THREADED TAPER LOCK

INCREASES TIP LIFE BY PROVIDING EXCELLENT HEAT TRANSFER AND ELECTRICAL CONDUCTIVITY



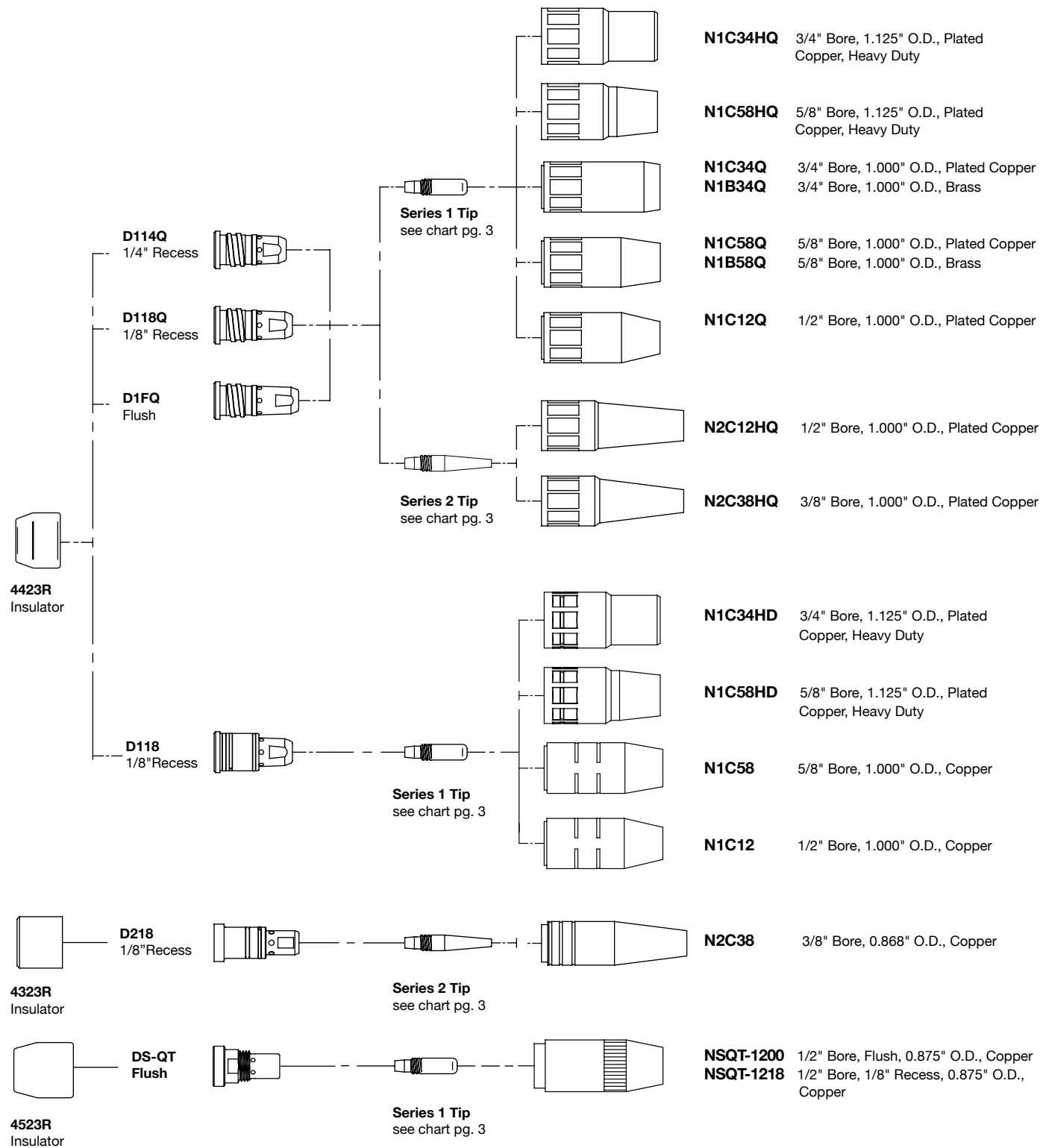
**WARNING:**  
Cancer and Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## QUIK TIP™ SERIES

## QUIK TIP™ GAS DIFFUSERS AND NOZZLES

## AVAILABLE PARTS

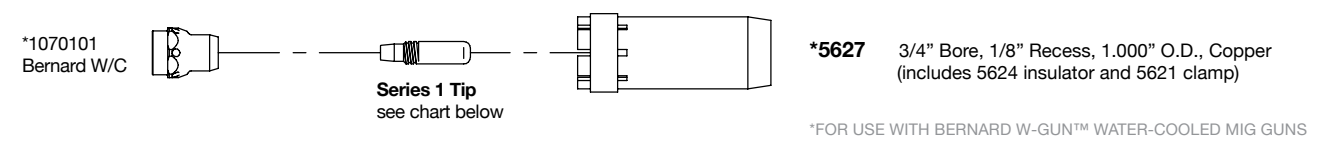
## NOZZLES



DIFFUSERS AND NOZZLES ARE AVAILABLE IN PACKAGES OF 10, INSULATORS IN PACKAGES OF 5 AND CONTACT TIPS IN PACKAGES OF 25

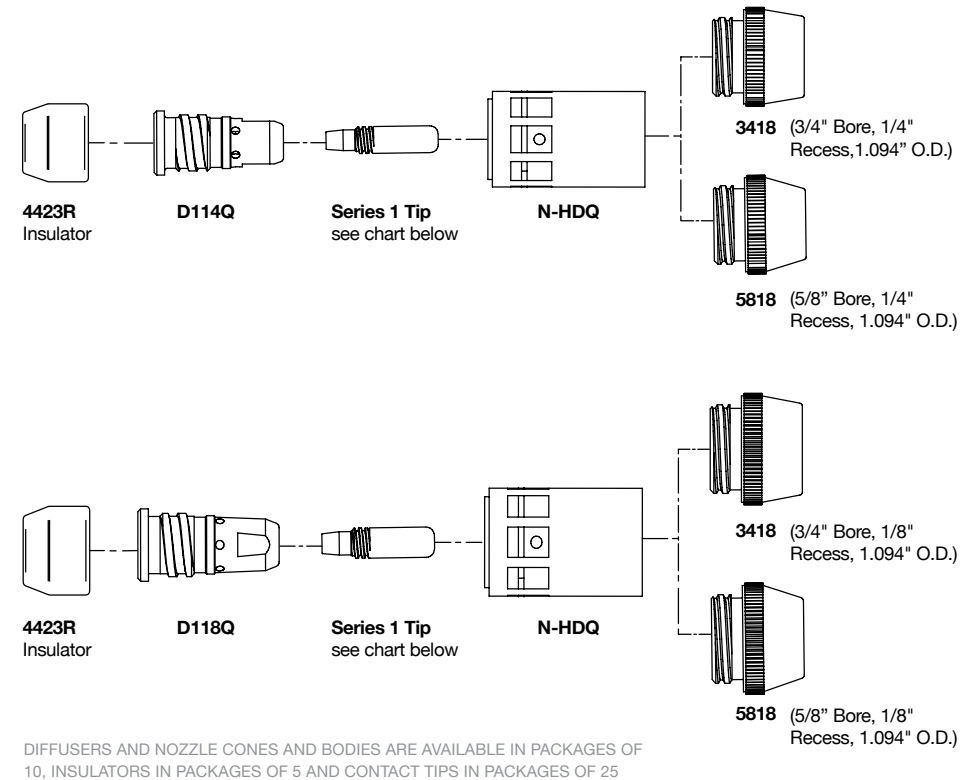
## WATER-COOLED QUIK TIP™ GAS DIFFUSERS AND NOZZLES

## NOZZLES



## QUIK TIP™ HD GAS DIFFUSERS AND NOZZLES

## AVAILABLE PARTS



## DETAILS

- Couple the Quik Tip HD Nozzle Body (N-HDQ) with a Quik Tip HD Nozzle Cone to form a complete Quik Tip HD Nozzle.
- One nozzle body and one nozzle cone required, order separately.
- Diffuser determines tip recess.

## HD QUIK TIP™ INSTALLATION

- Install insulator over neck
- Trim liner to correct dimension (see Liner Trim Guidelines on page 4)
- Torque diffuser onto neck to approx. 12ft-lbs
- Insert contact tip into diffuser and lock into position with a clockwise twist
- Thread nozzle body onto diffuser / contact tip and tighten firmly by hand
- Thread nozzle cone onto nozzle body and tighten firmly by hand

## QUIK TIP™ CONTACT TIPS

## SERIES 1 CONTACT TIPS

0.310" O.D. UNLESS OTHERWISE NOTED

<b>T1035</b>	0.035"	(0.9 mm)
<b>T1045</b>	0.045"	(1.2 mm)
<b>T1364</b>	3/64"	(1.2 mm)
<b>T1052</b>	0.052"	(1.4 mm)
<b>T1116</b>	1/16"	(1.6 mm)

## SERIES 2 CONTACT TIPS

0.310" O.D.

<b>T2035</b>	0.035"	(0.9 mm)
<b>T2045</b>	0.045"	(1.2 mm)
<b>T2052</b>	0.052"	(1.4 mm)
<b>T2116</b>	1/16"	(1.6 mm)

AVAILABLE IN PACKAGES OF 25 CONTACT TIPS.



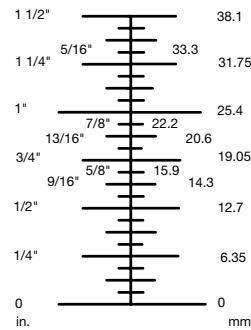
## STANDARD INSTALLATION

- Install insulator over neck
- Trim liner to correct dimension (see Liner Trim Guidelines on page 4)
- Torque diffuser onto neck to approx. 12ft.-lbs.
- Insert contact tip into diffuser
- Thread nozzle body onto diffuser / contact tip and tighten firmly by hand

# LINER TRIM GUIDELINES

To know the optimal length to trim your liner simply find your diffuser part number from the list below and trim to the corresponding length.

D114Q	3/4" (14.3 mm)	D1FQ	1" (22.2 mm)
D118	3/4" (19.1 mm)	D218	1" (22.2 mm)
D118Q	3/4" (19.1 mm)		



# QUIK TIP™ CONVERSION SERIES

Simplify parts management and improve performance by converting all of your MIG guns to Quik Tip™ contact tips, diffusers and either slip-on or threaded nozzles.

Find your MIG gun make and model on the left, then follow the chart to the right for parts needed to upgrade.

## HD QUIK TIP™ INSTALLATION

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

## SLIP-ON NOZZLES

Gun Manufacturer	Gun Model	Adapter	Insulator	Diffuser	Contact Tip	Nozzle
Tweco®	No. 1 No. 2	1380005	10012	D118	Quik Tip Series 1 See pg.3	N1C12 N1C58 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	Gun Model	Adapter	Insulator	Diffuser	Contact Tip	Nozzle
Tweco®	No. 1 No. 2	1380005	10012	D1FQ D118Q D114Q	Quik Tip Series 1 See pg.3	N1C12Q N1C58Q N1C34Q N1C34HQ N1C58HQ
	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		
Miller®	M25	Not Required	10012			

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