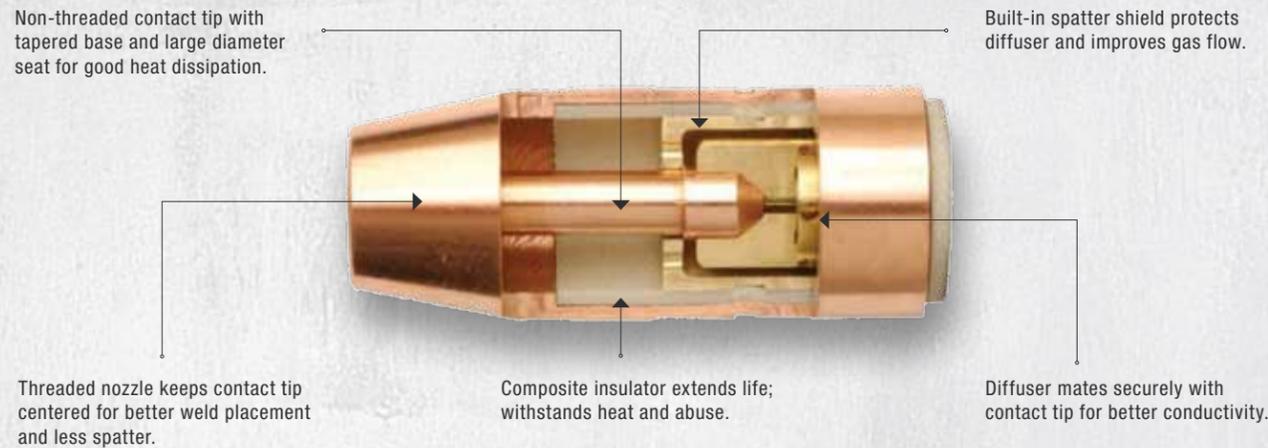




## SEE HOW IT ALL ADDS UP TO GREAT PERFORMANCE

Bernard believes that it's important to choose longer-lasting consumables to avoid replacement and rework, to provide better arc-on time and to improve your bottom line. Centerfire™ Series Consumables are easy-to-use and high performing. They provide better arc starts, less spatter and more consistent welds, while lasting up to three times longer than most brands.



- Centerfire Contact Tips are non-threaded and are held in place by the nozzle. These contact tips lock into place and remain centered even after hard use for better weld consistency.
- It's quick and easy to replace the tip during routine maintenance or after burnbacks. Simply unscrew the nozzle by hand, replace the tip and hand-tighten the nozzle back into place — no tools required.
- Consumables suitable for use in heavy-duty and light commercial applications.
- Centerfire Nozzles contain a built-in spatter shield that smoothes and concentrates gas flow for less weld oxidation and contamination.
- Centerfire Contact Tips can be rotated 360 degrees to create new wear surfaces and extended tip life.

### Centerfire HD Series

Available for heavy-duty applications such as shipbuilding, fabrication and other heavy equipment manufacturing operations. Heavy-Duty Centerfire Nozzles feature a removable nozzle cone, thicker wall and a high-temperature insulator. The removable nozzle cone lowers downtime and consumables costs by allowing operators to replace only the cone (the most frequently damaged part of the nozzle) without removing and replacing the entire nozzle body for spatter removal.



### DID YOU KNOW THAT YOU CAN USE CENTERFIRE CONSUMABLES ON YOUR AIR-COOLED TGX™ MIG GUNS?

Please view the chart below for part numbers:

### CENTERFIRE CONVERSION SERIES

Gun Model	Desired Nozzle	Adaptor	Insulator	Gas Diffuser
TGX Series	Small	N/A	4323R	DS-1T
	Large	N/A	4423R	D-1T

Use TOUGH LOCK™ Consumables to achieve lower operating costs and increase productivity! This system features the innovative TOUGH LOCK Contact Tip and Retaining Head and is compatible with guns from the new Best of the Best Platform, TGX Series, and T-Gun Water-Cooled Series.

TOUGH LOCK Contact Tips are precision machined using a process that tightly controls tip tolerances. TOUGH LOCK Retaining Heads feature Dual Taper Technology — tapers at both ends keep consumables locked from the tip to neck — which improves weld consistency and heat dissipation for longer tip life and maximum performance.

### PERFORMANCE-IMPROVING FEATURES

- Locks gun from contact tip to the neck to prevent loosening due to vibration
- Locked consumables create more consistent welds
- Surface area contact between tightly locked consumables helps to maximize heat dissipation and tip life
- Easier contact tip removal and replacement when retaining head remains locked to the neck

### TREGASKISS NOZZLES

Tregaskiss™ Nozzles are designed for use with TOUGH LOCK Consumables. Engineered to be extremely durable and long-lasting, Tregaskiss Nozzles are made of hard-drawn copper or brass. The smooth surface finish and rounded edges help to minimize weld spatter build-up.

- Available in a wide variety of styles and materials
- Brass insert in nozzles maintains inner diameter and prevents rocking of nozzle
- High-temperature-resistant fiberglass insulator electrically insulates nozzle from the retaining head
- Heavy-duty crimp holds all three layers together

### CONTACT TIP

- Cooler tip temperature reduces wear and extends tip life

### DUAL-LEAD

**THREAD DESIGN**  
- 180 degree rotation of tip for extended tip life

### DUAL TAPER TECHNOLOGY

- Prevents tip and retaining head from loosening

### GREATER SURFACE AREA

- Increased contact between tip, head and neck maximizes heat dissipation

