

# Tartan<sup>®</sup> TIG

## Gas Tungsten Arc Welding (GTAW)

For mild and medium alloy steels.

### Features

- High Strength 95,000 psi
- Porosity-Free Welds
- Quick Freeze Deposits
- Prevents Undercutting
- Easy To Machine
- Excellent Out-Of-Position
- Flame Hardenable
- Responds To Heat Treating, Bluing and Plating
- Good For 4130 and 4140

### Characteristics

**Tartan TIG** may be used for a wide variety of mild to medium alloy carbon steels, producing sound porosity-free welds. With **Tartan TIG**, X-ray quality welds are readily obtained without extraordinary techniques even on difficult to weld steels. **Tartan TIG** contains extra deoxidizers to provide porosity free welds and can be heat treated. Same alloy as **Tartan G**.

### Technical

Inches	1/16	3/32
(mm)	(1.6)	(2.4)

(DCEN)

### Application

- Clean base metal.
- Make certain that root pass has complete fusion.
- Some base metals may require pre and post heat.

### Identification

- Marked by **Unpainted Tip**

# Tartan<sup>®</sup> B TIG

## Gas Tungsten Arc Welding (GTAW)

For mild and medium alloy steels.

### Features

- Superior Machinability
- Strength 80,000 psi
- Copper Flashed
- Porosity-Free Welds
- Crack Free
- Excellent Out-Of-Position

### Characteristics

**Tartan B TIG** may be used for a wide variety of mild to medium alloy steels. The addition of special extra deoxidants help **Tartan B TIG** produce crack-free and porosity-free welds, even on rusty/oily steel. Where deposit machinability is required, it is the clear choice.

### Technical

Inches	1/16	3/32	1/8
(mm)	(1.6)	(2.4)	(3.2)

(DCEN)

### Application

- Use DC straight polarity with argon and/or helium.
- Clean metal.

### Identification

- Marked by **Purple Tip**