

TARTAN® - TIG

Unpainted Tip

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, 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**.

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APPLICATION

TARTAN-TIG: Clean base metal. Make certain that root pass has complete fusion. Some base metals may require pre and post heat. Sizes listed below.

TARTAN® - TIG B

Purple Tip

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

APPLICATION

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

Sizes:

Inches:	1/16	3/32	*1/8	(DCEN)	*TARTAN-TIG-B Only
(mm):	(1.6)	(2.4)	(3.2)		

(Tartan-TIG and Tartan-TIG-B)