

DESCRIPTION

BTS is a bare tubular rod for oxy-acetylene applications. It is ideal for severe metal-to-earth abrasion and it is particularly suited where thin deposits are required. Deposits exhibit a low friction coefficient mirror finish under earth abrasion. It can be applied to carbon, and low alloy steels. Deposits are not machinable or forgeable and can be used in hot wear applications up to 900°F (480°C).

TYPICAL DEPOSIT CHARACTERISTICS

Abrasion Resistance	Very Good
Impact Resistance	Moderate
Hardness	HRC 56 - 60
Magnetic	Slightly
Deposit Layers	1
Surface Cross Check	No
Machinability	No
Hot Wear Applications	Up to 900°F (480°C)

ALLOY TYPE

Chromium Carbides in an Austenitic Matrix

TYPICAL APPLICATIONS

Typical applications include:

- Cultivator Disc
- Bird Machine Screws
- Subsoiler Blades
- Conveyor / Classifier Flights
- Plowshares
- Sand Chutes
- Sweeps
- Chisel Points

OPERATIONAL CHARACTERISTICS / WELDING PARAMETERS

Diameter, In. (mm)	5/32 (4.0)	3/16 (4.8)	1/4 (6.4)
Tip Size	5	6	10
Flame	3X - 4X	3X - 4X	3X - 4X
Position	Flat	Flat	Flat

STANDARD SIZES & PACKAGING

<u>Diameter</u>	<u>Packaging</u>	<u>Part #</u>
5/32" (4.0mm)	60# Carton	10207800
3/16" (4.8mm)	60# Carton	10207900
1/4" (6.4mm)	60# Carton	10208000