GROUP 4: METAL TO EARTH FOR EXTREME ABRASION AND LOW IMPACT

STOODY TB-2954 - BARE

Stoody TB-2954 bare oxy-acetylene hardfacing rod is used primarily for grain mill hammers. It has extreme abrasion resistance and low impact resistance. It is manufactured by metering crushed tungsten carbide particles with a mesh size of 100 – 250 into steel tubes.

Applications: Grain Mill Hammers

Typical Chemical Composition
Alloy Content: Tungsten Carbide - 60%
Iron Base

	Part Number	Packaging	Grain Size	Dimensions Diameter x Length
	11466900	60 lb Bulk Pak (27.2 kg)	100 - 250 (150µ - 60µ)	3/16" (4.8 mm) x 28"

STOODY TB-20062 - BARE

Stoody TB-20062 is a GTAW rod intended for metal-to-earth applications involving extreme abrasion and moderate impact. It is manufactured by metering crushed tungsten carbide particles of controlled mesh size into steel tubes.

Applications: Wear Plates, Tool Drill Bits

Typical Chemical Composition:
Alloy Content: Tungsten Carbide - 60%
Iron Base

	Part Number	Packaging	Grain Size	Dimensions Diameter x Length
	11706300	60 lb Bulk Pak (27.2 kg)	10 x 20 (2000µ - 850µ)	Diameter x Length 5/16" (8.0 mm) x 28"

TUBE BORIUM® H - BARE

TUBE BORIUM H was developed for the hardfacing of drill bits for use in hard rock areas. The percentage of tungsten carbide has been reduced in these products, making them more impact resistant allowing the material to be used in multiple layer applications.

Welding Procedures/Characteristics: Designed for multiple layers. Adjust excess acetylene flame 3x length of inner cone. Use torch tip size larger than normally used to weld same diameter mild steel rod. Sweat deposits to parent metal with minimum dilution. For hot wear applications up to 900°F (482°C).

Applications: Churn Drills, Cable Tools, Rotary Drill Bits

Typical Chemical Composition:
Alloy Content: Tungsten Carbide - 40%
Iron Base

	Part Number	Packaging	Grain Size	Dimensions Diameter x Length
	10240000	60 lb Bulk Pak (27.2 kg)	40 - Down (425µ – Down)	5/32" x 28" (4.0 mm x 71 cm)
■	10240100	60 lb Bulk Pak (27.2 kg)	40-Down (425µ – Down)	3/16" x 28" (4.8 mm x 71 cm)

HORSESHOE BORIUM® - BARE

HORSESHOE BORIUM weld deposit contains relatively large undissolved tungsten carbide particles which provides a maximum non-slipping surface.

Welding Procedures/Characteristics: Adjust excess acetylene flame 3x length of inner cone. Use torch tip size larger than normally used to weld same diameter mild steel rod. Sweat deposits to parent metal with minimum dilution. Limit to one layer.

Applications: Horseshoes

Typical Chemical Composition:
Alloy Content: Tungsten Carbide - 60%
Iron Base

	Part Number	Packaging	Grain Size	Dimensions Diameter x Length
■	10228900	10 lb Box (4.5 kg)	8 x 10 (2360µ – 2000µ)	1/4" (6.4 mm) x 14" (6.4 mm x 35.6 cm)

Products marked by the " ■ " symbol are typically stocked items. All others manufactured upon customer request - may require a minimum quantity and/or may be subject to production lead time. Contact customer care or your sales representative with any questions.