

DESCRIPTION

Stoody 130-O deposits provide the ultimate wear resistance to cut earth formations because of the tungsten carbide particles contained in the wire. It can be applied readily to carbon or low alloy steel and is not recommended for austenitic manganese steel.

TYPICAL DEPOSIT CHARACTERISTICS

Abrasion Resistance	Excellent
Impact Resistance	Moderate
Deposition Layers	1
Surface Cross Checks	Yes
Machinability	No
Magnetic	Yes

ALLOY TYPE

Tungsten Carbide in an Iron Based Matrix

TYPICAL APPLICATIONS

Typical applications include:

- Scoop Lips and Teeth
- Pug Mill Knives
- Cultivator Chisels
- Raymond Mill Plows
- Tillage Tools of All Types
- Muller Plows
- Ammonia Injectors
- Swing Hammers
- Augers and Auger Flights
- Ensilage Knives

OPERATIONAL CHARACTERISTICS / WELDING PARAMETERS

Diameter, In. (mm)	1/16 (1.6)
Current, Amp. DC+	90 – 120
Voltage	18 – 24
Wire Extension	1/2"
Shielding Gas	None
Position	Flat

Diameter, In. (mm)	7/64 (2.8)
Current, Amp. DC+	120 – 150
Voltage	18 – 24
Wire Extension	1/2"
Shielding Gas	None
Position	Flat

STANDARD SIZES & PACKAGING

<u>Diameter</u>	<u>Packaging</u>	<u>Part #</u>
1/16" (1.6mm)	10# PS	11420800
1/16" (1.6mm)	33# WB	11413200
7/64" (2.8mm)	60# Coil	11001100

Stoody Company

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