

**DESCRIPTION**

Stoody 420 deposit is a martensitic stainless steel with good abrasion and impact resistance. Deposits polish in service to reduce friction and minimize wear of a mating part. It is readily machinable. Check-free deposits can be made up to 3/4" thick.

**OPERATIONAL CHARACTERISTICS / WELDING PARAMETERS**

Diameter, In. (mm)	<b>1/8 (3.2)</b>
Current, Amp. DC+	350 – 400
Voltage	28 – 30
Wire Extension	1" – 1 1/2"
Flux Type	Stoody "S"
Position	Flat

**TYPICAL DEPOSIT CHARACTERISTICS**

Abrasion Resistance	Good
Impact Resistance	Good
Hardness	HRC 46
Surface Cross Checks	No
Magnetic	Yes
Deposit Thickness	Up to 3/4"
Machinability	Yes

**STANDARD SIZES & PACKAGING**

<u>Diameter</u>	<u>Packaging</u>	<u>Part #</u>
1/8" (3.2mm)	100# Coil	11407500

**ALLOY TYPE**

Martensitic Stainless Steel

**TYPICAL APPLICATIONS**

Typical applications include:

- Brake Drums
- Coiler Rolls
- Rams
- Pinch Rolls
- Packing Glands

**Stoody Company**

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