

1050 ALLOY

ALUMINUM CONTINUOUS CAST RE-DRAW ROD

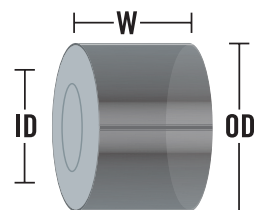


PRODUCT DESCRIPTION

- Non-heat-treatable alloy
- Principle alloying elements: none (primary trace elements: iron and silicon)
- Density: 2.705 g/cm³
- Standard diameter:* .375" (9.5mm)
- Tempers supplied: F (as Fabricated)

STANDARD PACKAGING ** Randomly wound:

- **Weight:** 5,600 lbs (2,540 kg)
- **ID:** 30.75" (78.10 cm)
- **OD:** 61.50" (156.21 cm)
- **W:** 34.00" (86.36 cm)
- **Option:** Palletized, eye-to-the-sky, ID and/or OD wrapping
- Rod surface condition: very clean to oiled



END-USE APPLICATION

- Metallizing wire

For Mechanical Applications

GENERAL INFORMATION

- Alloy equivalent or similar to: A199,5 (Austria)

TYPICAL PROPERTIES			
TEMPER	ULTIMATE TENSILE STRENGTH		PERCENT ELONGATION IN 10"
	ksi	(MPa)	
ROD (.375")			
F	12 – 18	(85 – 125)	10 – 25
WIRE (10 AWG)			
O	11	(75)	—
H12	14.5	(100)	—
H14	17.5	(120)	—
H16	19.5	(135)	—
H19	25	(170)	—

*other diameters: .375" (9.5mm) – 1.0" (25.4mm) available upon minimum quantity requirements

**other packaging: 4,000 lbs (1,814 kg) – 7,500 lbs (3,402 kg) available based upon minimum quantity requirements