

DESCRIPTION

Stoody Vancar E is a coated fabricated electrode that contains specially formulated vanadium tungsten carbide particles approximately equal to tungsten carbide in hardness but at only half the density. Vancar has an advantage over tungsten carbide because it can be applied in multiple layers and still retain it's original hardness due to uniform distribution of the carbide particles. This provides wear rates that remain uniform throughout the life of the deposit.

TYPICAL DEPOSIT CHARACTERISTICS

Abrasion Resistance	Excellent
Impact Resistance	Low
Machinability	No
Deposition Layers	Multiple
Surface Cross Checks	No
Magnetic	Yes
Hot Wear Applications	Up to 900°F

ALLOY TYPE

Vanadium and Tungsten Carbides in an Iron Based Matrix

TYPICAL APPLICATIONS

Typical applications include:

- Farm Drill Points
- Dry Cement Pump Screws
- Ammonia Injector Wings
- Pug Mill Knives
- Drill Pipe Stabilizer Wings
- Chisels

OPERATIONAL CHARACTERISTICS / WELDING PARAMETERS

Diameter, In. (mm)	5/32 (4.0)	3/16 (4.8)
Current, Amp. DCEN	80 – 130	130 – 165
Position	Flat	Flat
Diameter, In. (mm)	1/4 (6.4)	
Current, Amp. DCEN	175 – 250	
Position	Flat	

STANDARD SIZES & PACKAGING

Diameter	Packaging	Part #
5/32" (4.0mm)	10# Vac Pak	11327600
3/16" (4.8mm)	10# Vac Pak	11296500
1/4" (6.4mm)	10# Vac Pak	11366500