



High Speed, All-Position
Cutting and Piercing Electrode

CutTrode® 01



- Provides clean surface for welding or brazing, no further machining required
- Exothermic coating concentrates the arc force without over heating
- Stress and distortion eliminated by leaving base metal cool
- Operates with conventional AC/DC machines

CutTrove 01

CutTrove 01 is a high speed, all-position cutting, piercing electrode for cleaning out defects, burning rivets and beveling. For use on low, medium and high carbon steel, stainless steel, alloy steel, cast and malleable iron, nickel and nickel alloys, aluminum, copper, brass, bronze and most other metals.

CutTrove 01 is designed for use on standard AC and DC welding equipment. No compressed air, oxygen, special electrode holder or special cable is required. CutTrove is inserted into a conventional electrode holder, using AC or DC straight polarity.

TECHNICAL DATA

Typical Values

Designed for use with conventional AC/DC welding machines using a standard electrode holder.

Current & Polarity: AC or DCEN (-)

DIAMETER	1/8" (3.2mm)	5/32" (4.0mm)	3/16" (4.8mm)	1/4" (6.4mm)
AMPERAGE	120-200	180-330	350-430	400-500

PROCEDURE FOR USE

1. Mark a chalk line or scribe where cut is desired.
2. On DC, use Straight Polarity.
3. When applying CutTrove, use both the arc-blow caused by the exothermic coating, plus pressure with the hand. Touch job with the end of the CutTrove, and when an arc is struck, push and pull holding the rod at a 45 degree angle, using a sawing motion to cut.

The closer the arc, the faster, cleaner, cooler the cut. Keep CutTrove continuously in motion, holding it firmly against the metal surface. For piercing holes, hold CutTrove vertically, strike an arc, and push up and down until the hole is pierced.

TYPICAL APPLICATIONS

Cutting and Piercing of:

- Cast and Malleable Iron
- Low, Medium and High Carbon Steel Parts
- Alloy Steel, Stainless Steel
- Nickel and Nickel Alloys
- Aluminum, Copper, Brass, Bronze and most other metals



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