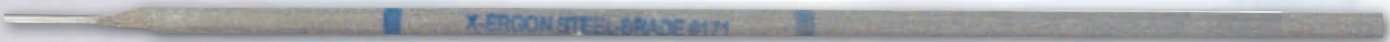




Steel-Brade™ Impact and Wear-Resistant Electrode

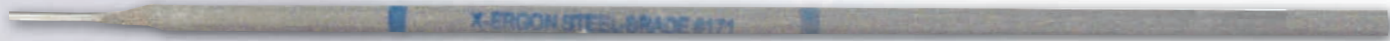
Steel-Brade is perfectly designed to withstand metal-to-metal abrasive wear. It is a medium hardness buildup alloy for carbon steels with superior compression and impact resistance. The weld creates easy-to-machine, tough weldments.

- Versatile — Ability to run on lower amperage and AC/DC operation allows for excellent performance on all machines
- Fast — Operation on DC- (electrode negative) doubles the build-up speed
- Easy-to-use — All position electrode allows for cladding in position
- Tough — Medium hardness deposits (up to 38Rc) are easy to machine but very wear-resistant



SPECIFICATIONS

Hardness.....	Up to 38 Rc
Machinability.....	Good
Crack resistance.....	Excellent
Impact resistance.....	Excellent
Max number of passes.....	Unlimited
Current.....	DC or AC



PROCEDURE

Remove defective or fatigued metal and old hardfacing by grinding or gouging with Arc-Prep™ electrodes. Remove surface contaminants. Preheat according to base metal type. Use short arc length and stringer bead or weave technique. For high buildup, use DC straight polarity (DC-).

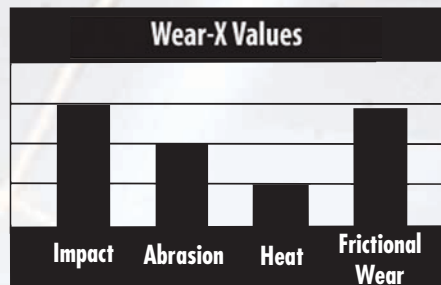


APPLICATIONS

- Bulldozer track pads
- Carbon steel railroad track
- Idler wheels on tracks
- Tin mill rolling guides
- Crane rails

Code #	Diameter	Amperage
171-2-0000	3/16"	150-180
171-3-0000	5/32"	110-140
171-4-0000	1/8"	80-110

For kits see page 6



Available in select sizes only