Starweld 493

AC / DC +

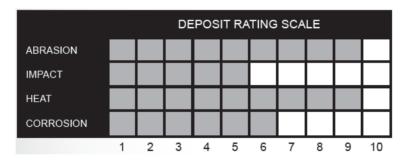
HARDFACING

Description:

Very high-recovery (190%) slag-free electrode with complex chromium and niobium carbides for hardfacing mild steel, low alloy steel, stainless steel and manganese steel parts subjected to severe abrasion, heat and moderate impacts.

Characteristics:

- > Very high recovery electrode (190 %)
- Good-looking deposit
- Slag-free deposit
- Excellent abrasion resistance
- Good heat and corrosion resistance, up to 450°C (850°F)
- Smooth and regular fusion



Mechanical properties :

- Polarity AC / DC +
- Hardness (as-welded) : 65 HRC

A maximum of two passes is allowed. Clean surface of all oil, grease and dirt. Remove damaged metal with STARWELD 512. If more than 2 passes are required, use STARWELD 595 or 595S as a layer; preheat base metal if necessary; allow to cool slowly.

160 A

- **Diamètre** +
- +Ampérage

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3.2 mm
130 A
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5.0 mm 4.0 mm 230 A

Applications:

Mixer blades, refractory press screws, plow blades, scrapers, bucket teeth, gate valves, ore crushers, wear plates, etc.

