

TAURUS HRC360 HARD-FACING MIG WIRE

Description

TAURUS MIG HRC360 is gas-shielded, high-alloyed, flux-cored wire designed for hard-facing deposit with high hardness. Especially developed for hard-facing of parts subjected to high metal to metal wear and moderate impact. Weld metal can retain its hardness at high temperatures up to 600°C. Weld metal can be grinded and machined by diamond tools. Weld metal is resistant to cracking and must not be welded more than 3 pass. If the base metal has a high carbon content and a low weldability, a tough buffer layer with FCW 30 is recommended before hard-facing. Heat treatment after hard-facing will decrease its welded hardness.

TYPICAL APPLICATIONS

Hard-facing of hot cut-offs, shear blades, dies for pressure casting, scraper blades, conveyors, rollers, crusher rolls and worn parts in agricultural equipment.

WELDING POSITIONS

- Downhand
- Horizontal flat

AVAILABLE IN

- 1.2mm – 15kg spool pack

CLASSIFICATIONS

- EN 14700 T Fe8
- TS EN 14700 T Fe8
- DIN 8555 MF 6 GF 60 GP

COMPOSITION	%
Carbon	0.60
Manganese	0.20
Silicon	0.50
Chromium	5.6

Molybdenum	0.25
Vanadium	0.20
Iron	Balance

MECHANICAL PROPERTIES	**AS WELDED**
Protection gas	CO2
Wear Index	70.2
Hardness	59 HRC

Product Category

1. Consumables
2. Flux Cored
3. Hard-facing
4. Mig Wire

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