



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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