



# 402

Impact-Resistant Alloy for Manganese Steel

MAGNA 402



## Impact-Resistant Alloy for Manganese Steel

- *Withstands extreme shock, loading & impact.*
- *Ideal for heavy construction & mining equipment overlays and build-ups.*
- *Work hardens to greater depth than manganese steel.*

**TRUST** *Ease of Application*  
**MAGNA** *Wide Versatility*  
**FOR** *Outstanding Physical Properties*



# SPECIAL FEATURES

**Magna 402 Impact-Resistant Alloy for Manganese Steel** makes your equipment last longer.

- **Magna 402** is the cleavage-resisting alloy that withstands even the most severe shock, loading and impact.
- **Magna 402** is engineered to provide outstanding results on heavy construction and mining equipment overlays and build-ups.
- **Magna 402** work-hardens rapidly to a greater depth than manganese steel.

# OUTSTANDING PROPERTIES

**Magna 402 is the impact-resistant alloy for manganese steel that:**

- Contains 50% more manganese than most ordinary manganese-bearing electrodes – lasts longer.
- Provides high yield strength welds.
- Has extremely high resistance to cracking.
- Contains stabilizing elements and special additives to prevent brittleness.
- Is used for all-position welding.
- Can be readily cut with an oxyacetylene torch.

# USE FOR

**Magna 402 (for AC & DC)** is formulated to tackle the tough jobs. Use **Magna 402** where you need a super-hard surface that withstands the most severe conditions. **Magna 402** can be used to join manganese steel to mild steel.



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