

## TRU MANG

### 11-14% MANGANESE, WORK HARDENING STEEL

*A non-magnetic alloy steel that work hardens under severe impact conditions*

#### BENEFITS

- Delivered at a Brinell Hardness of 180/200 and will work harden to a 550/600 Brinell.
- Provides longer life in shot blast cabinet operations. TRU MANG's resiliency will prolong use of steel shot and result in greater efficiency.
- Can be torch cut, welded with a high tensile electrode – a stainless steel rod, AWS E308-16 or E310-15, is recommended. A high manganese rod (11-14%) can also be used with satisfactory results.
- TRU MANG can be formed cold for most applications.

#### PHYSICAL PROPERTIES

Tensile Strength	155,000 PSI
Elongation in 2"	75%
Reduction of Area	55%

#### APPLICATIONS

Shot Blast Equipment  
Pangborn Liners  
Wheelabrator parts  
Machines Hoppers  
Bucket Teeth

Guide Rails  
Chute Liners  
Foundry Shakeout  
Crusher Liners  
Crusher Hammers