



# WINCO MANG

## 11-14% Manganese, Work Hardening Steel

*A Non-Magnetic Alloy Steel That  
Work Hardens Under Severe Impact Conditions*

### Advantages

- Delivered at a Brinell Hardness of 180/200 and will work harden to a Brinell of 550/600.
- Provides longer life in shot blast cabinet operations. **WINCO 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.
- **WINCO MANG** can be formed cold for most applications.

### Physical Properties

|                             |                    |
|-----------------------------|--------------------|
| Tensile Strength . . . . .  | <b>155,000 PSI</b> |
| Elongation in 2" . . . . .  | <b>75%</b>         |
| Reduction of Area . . . . . | <b>55%</b>         |

### Applications

- Shot Blast Equipment
- Pangborn Liners
- Wheelabrator Parts
- Foundry Shakeout Machines
- Bucket Teeth
- Guide Rails
- Chute Liners
- Hoppers
- Crusher Liners
- Crusher Hammers