



ROAD MACHINERY & SUPPLIES CO.

## STEEL FABRICATION • ENGINEERING

### ASTM A-514 PLATE

- ▶ Structural steel plate; 100,000 min yield strength
- ▶ Welding and strength characteristics
- ▶ Use in construction and structural fabrication

### ROC 400 PLATE

- ▶ A water quenched and tempered AR400F
- ▶ Produced for enhanced formability and ease of welding
- ▶ Hardness: 364-444 BHN

### ROC 450 PLATE

- ▶ A water quenched and tempered AR400F
- ▶ Produced for enhanced formability and ease of welding
- ▶ Hardness: 402-512 BHN

### ROC 500 PLATE

- ▶ A quenched and tempered AR500F
- ▶ Produced for enhanced formability and ease of welding
- ▶ Hardness: 444-555 BHN

### TRITEC 450 PLATE

- ▶ A water quenched and tempered plate with nickel/chrome/moly composition which is thru-hardened up to 2"
- ▶ Produced for enhanced formability and ease of welding
- ▶ Hardness: 418-495 BHN

### TRITEC ROUND BAR AND FORGINGS

- ▶ Air quenched/hardened ultra high strength alloy bar and forgings formulated to provide extra strength with uniform thru-hardness
- ▶ Wear resistance in severe applications
- ▶ High toughness at low temperatures
- ▶ 300% greater transverse toughness with greater yield strength than heat treated 4340
- ▶ Range: 321-387
- ▶ Diameters 3/8" through 20 1/4" stocked
- ▶ Tensile: 174,400-182,900
- ▶ Yield: 127,000-166,700

### CHROME CARBIDE PLATE, PIPE AND ELBOWS

- ▶ Chromium-carbide overlay plate, pipe and elbows
- ▶ Combines a hard, tough surface with a ductile mild steel backing
- ▶ Hardness: 555-652 BHN

### ULTRA 600 HARDENED PIPE

- ▶ Hardened pipe to 600 BHN
- ▶ Ideal for slurry transportation or pipe transport of abrasive liquids, solids and gases



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