

TRU TUF 300

HI STRENGTH ALLOY WEAR PLATE

*Quenched and Tempered For
Extreme Abrasion and Impact*

TRU TUF 300 has excellent toughness
at high hardness and in heavy sections.
For severe *impact & abrasion*.

BENEFITS

- Maximum Resistance to abrasion and impact.
- Withstands the brittleness which develops at subnormal temperatures.
- Increased toughness and fatigue resistance.
- Retains high strength and wearability at high temperatures.
- High impact and wear properties retained at weld joints.

PHYSICAL PROPERTIES

Tensile Strength	165,000 PSI
Yield Strength	135,000 PSI
Elongation in 2"	18.0 %
Reduction of Area	55%
Hardness	29-35 Rockwell "C"
Brinell	Min. 300

CHEMICAL PROPERTIES

Carbon	.12/.18	Chromium	.45/.60
Manganese	1.05/1.55	Nickel	.70/1.00
Silicon	.35/.45	Copper	.60/.75
Molybdenum	.35/.45	Phosphorus	.025 max
Sulphur	.025 max		