

TRU TUF 400

HI STRENGTH WEAR PLATE

*Quenched and Tempered For Extreme Abrasion
and Moderate Impact*

TRU TUF 400 has excellent toughness
at high hardness and in heavy sections.
For severe abrasion.

BENEFITS

- Maximum resistance to abrasion and impact.
- Withstands the brittleness, which develops at subnormal temperatures.
- Increased toughness and fatigue resistance compared to low carbon and 1045 plate.
- Retains high strength and wearability at high temperatures.
- High impact and wear properties retained at weld joints.

PHYSICAL PROPERTIES

Tensile Strength	200,000 PSI
Yield Strength	160,000 PSI
Elongation in 2"	14.4 %
Reduction of Area	55%
Hardness	40-46 Rockwell "C"
Minimum Brinell	Min. 375-440

CHEMICAL PROPERTIES

Carbon	.17/ . 25	Chromium	.45/ . 60
Manganese	1.50	Nickel	.40/ . 70
Silicon	.50	Copper	.15/ . 30
Molybdenum	.20/ . 60	Phosphorus	.025 max
Sulphur	.015 max		