



WINCO-TUF 36

Hi Strength Wear Plate

**Quenched and Tempered for
Extreme Abrasion and Impact**

WINCO-TUF 36 has excellent toughness at high hardness and in heavy sections. For severe **impact** and abrasion.

Advantages

- 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

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|-----------------------------|---------------------------|
| Tensile Strength | 200,000 PSI |
| Yield Strength | 160,000 PSI |
| Elongation in 2" | 14.4% |
| Reduction of Area | 55% |
| Hardness | 36-44 Rockwell "C" |
| Brinell | Min. 360 |

Typical Analysis

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|----------------------|------------------|
| Carbon | .17/.25 |
| Chromium | .45/.60 |
| Manganese | 1.35/1.85 |
| Nickel | .40/.70 |
| Silicon | .35/.45 |
| Copper | .60/.75 |
| Molybdenum | .35/.45 |
| Phosphorus | .025 max. |
| Sulphur | .025 max. |