

TRU SHAFT 40-HT

HEAT TREATED, HIGH TENSILE ALLOY STEEL FOR MAINTENANCE AND MACHINE REPAIR

*Electric Furnace Grade Alloy Steel in small heats for
Superior Quality Control*

TRU SHAFT 40-HT is a well balanced machineable alloy made to strict specifications for maximum efficiency under extremely hard usage.

BENEFITS

- Superior grain structure and chemical properties proven to reduce "down time" on your equipment.
- All bars delivered machine straightened and stress relieved.
- Uniform hardness provides machining ease and speed.
- Typical hardness range is suitable for most applications. Other hardnesses can be obtained with further heat treatment.
- Contains slightly higher content of nickel and manganese for more machineability and wear resistance compared to standard 4140 alloys.

PHYSICAL PROPERTIES

Tensile Strength	160,000 PSI
Yield Strength	135,000 PSI
Elongation in 2"	20 %
Reduction of Area	60%
Hardness Range	R_c = 28-32

TRU SHAFT 40-HT is stocked in Hot Rolled Heat Treated, Cold Drawn Heat Treated, Cold Finished, Rough Turned and Heat Treated conditions.

*Please contact **TRU STEEL METALS** with your specifications.