

TRU SHAFT TGP

TURNED, GROUND & POLISHED, HEAT-TREATED HIGH TENSILE ALLOY STEEL

BENEFITS

- Turned, ground & polished to precision sizes so it is extremely accurate as to straightness and finish - almost ready for immediate installation.
- Will withstand shock and vibration to provide long life.
- Readily machinable with consistent hardness throughout upon delivery.
- All bars are delivered machine straightened and stress relieved to remove residual internal stresses.
- Heat-treated to 28/32 Rockwell 'C' to develop high physical properties, other hardnesses can be obtained.
- Bars are specially prepared and oiled for safe shipment.
- Delivered with a diameter tolerance of +.000/-.002 or better.

PHYSICAL PROPERTIES

Tensile Strength	160,000 PSI
Yield Strength	135,000 PSI
Elongation in 2"	20 %
Reduction of Area	60%
Hardness, typical	28-32 Rockwell "C"



APPLICATIONS

Arbors	Axles	Boring Bars
Gears	Lead Screws	Pins
Piston Rods	Set Screws	Shafting
Studs	Tie Rods	Transmission Screws

*Stock lengths from 12 to 24 feet. Diameters, special cut lengths & tolerances made to order.
Please ask your **TRU STEEL METALS** representative for more details