

TRU SHAFT HCP-60

Induction Hardened Turned, Ground and Polished (TGP) Hard Chromium Plated Shafting

A Corrosive Resistant Hardened Shafting

TRU SHAFT HCP-60 is an **Induction Hardened** TGP shaft that is hard chrome plated and polished to a mirror finish of RMS 8 minimum. This hard chrome plated finish provides a bright, corrosive resistant surface ideal for all weather conditions, chemicals and food processing requirements.

BENEFITS

- **TRU SHAFT HCP-60** is supplied in finished product form.
- Eliminates time delays and costs of turning, grinding, induction hardening, chrome plating and polishing.
- Protected by new process that seals in microscopic cracks that may occur in the hard - chroming procedure.
- **TRU SHAFT HCP-60** more than doubles corrosive resistance of standard chrome plated bars.

PHYSICAL PROPERTIES

Case Hardness	58-62 Rockwell "C"
Depth of Case	.0625" Min. to .100"
Core Hardness	289/302 BHN
Depth of Plating	.001" Min. per side
Yield Strength	125,000 PSI
Diameter Tolerances	
1/2" to 1-1/2" Dia.	+0/- .001"
Over 1-1/2" to 2-1/2"	+0/- .0015"
Over 2-1/2" to 3"	+0/- .002"
Over 3" to 4"	+0/- .003"
Over 4" Dia.	+0/- .004"



APPLICATIONS

Shafting – All Types
Equipment Pistons
Hydraulic Piston Rods

Dowel Pins
Guide Pins
Pneumatic Piston Rods

Custom and *Metric* Sizes are available.

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