



# WINCO HCP 60

**Induction Hardened Turned, Ground and Polished,  
Hard Chromium Plated Shafting**

## *A Corrosive Resistant Hardened Shafting*

**WINCO 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.

### Advantages

- 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.
- More than doubles corrosive resistance of standard chrome plated bars.



### Physical Properties

Case Hardness :	<b>58-62 Rockwell "C"</b>
Depth of Case :	<b>0.0625" Min. to .100"</b>
Core Hardness :	<b>289/302 BHN</b>
Depth of Plating :	<b>0.0005" Min. per side</b>
Yield Strength . . . . .	<b>100,000 PSI MIN</b>
Diameter Tolerances . . . . .	<b>1/2" to 2-1/2" Dia. +0/- .0015"</b>
	<b>Over 1-1/2" to 2-1/2" +0/- .0015"</b>
	<b>Over 2-1/2" to 4" +0/- .002"</b>
	<b>Over 4" Dia. (+0/- .004")</b>

### Applications

- Shafting - All Types
- Dowel Pins
- Equipment Pistons
- Guide Pins
- Hydraulic Piston Rods
- Pneumatic Piston Rods

Custom Sizes are available. Contact **Wingate Alloys** with your specifications.