



WINCO HCP 40

**Through Hardened Turned, Ground and Polished,
Hard Chromium Plated Alloy Shafting**

A Corrosive Resistant Hardened Shafting

WINCO HCP 40 introduces a new concept in turned, ground and polished, hard chromium plated bars. The hardness, toughness, and close tolerances are combined with the chromium plating to supply the corrosion resistance necessary for piston rod and shafting applications.

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

Chrome Hardness :	58-62 Rockwell "C"
Base Metal Hardness :	28-32 Rockwell "C"
Depth of Plating :	0.001" Min. per side
Yield Strength :	100,000 PSI MIN
Micro Finish :	RMS 8
Diameter Tolerances :	1/2" to 2-1/2" Dia. +0/-0.0015"
	Over 1-1/2" to 2-1/2" +0/-0.0015"
	Over 2-1/2" to 4" +0/-0.002"
	Over 4" Dia. (+0/-0.004")

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.