

Mirraloy™ HCP

Chrome Plated, Polished Shafting

Mirraloy HCP offers salt spray corrosion resistance. It is engineered to withstand low to moderate impact, and resist abrasion and sliding action in most maintenance applications. Mirraloy HCP is a hard chrome plated, polished shaft. Mirraloy HCP offers an excellent chrome finish and will provide extend service.



Typical Physical Properties*

Chrome Hardness	Rockwell "C" 58/60
Chrome Plating001" Per Side ^A
Yield Strength	Approx. 100,000 P.S.I.
Elongation	10%
Reduction of Area	38%
Surface Finish	16 RMS
*Based on 1" Diameter Test Specimen	

Stock Lengths

- 10 Ft to 12 Ft Random Lengths
- 20 Ft to 24 Ft Random Lengths
- Custom Cut Lengths

Typical Applications

- Cam Shafts
- Dowel Pins
- Certain Farm Equipment
- Guide Pins
- Hydraulic Piston Rods
- Pneumatic Piston Rods

(Past Protected Trade Name of
Ludlow Steel Company – Centrex™ CP)

English Sizes Available**

1/2"	1"	1-1/2"	2-1/2"	4"
5/8"	1-1/8"	1-3/4"	2-3/4"	
3/4"	1-1/4"	2"	3"	
7/8"	1-3/8"	2-1/4"	3-1/2"	

Metric Sizes Available**

10MM	20MM	30MM	40MM	70MM
12MM	25MM	35MM	50MM	

*Please contact the Cleveland office for details about non-standard sizes of either English or Metric.

English Diameter Tolerances

Up to 2-1/2" Round	(+.000"/-.0015")
Over 2-1/2" Round to 3" Round	(+.000"/-.002")
Over 3" Round to 4" Round	(+.000"/-.003")
Over 4" Round and Above	(+.000"/-.004")

Metric Diameter Tolerances

Up to 38MM Round	(+.000"/-.001")
Over 38MM Round to 60MM Round.....	(+.000"/-.002")

**Random length bars typically have un-chromed ends due to the manufacturing process. ^ACertain smaller sizes may have modified analysis and .0005" chrome thickness per side.

Please contact our Cleveland office for all special straightness requirements.

Boxing is recommended for surface critical bar products.