

# Ameralloy®

## CASE HARDENED CHROME



Ameralloy Case Hardened Chrome has a standard .0005 chrome thickness. Special diameter tolerance can be produced to your specifications with any base material or thickness of chrome you require.

### Features And Advantages

- Precision turned, ground and polished
- 1040 / 1050 base material
- Induction hardened to a depth of .090 max.
- 55–60 Rc surface hardness
- 125,000 PSI core yield strength
- Free from drawing stresses
- Straightness guaranteed
- Wear resistant
- Stress relieved

### Applications

- Piston shafting
- Guide rods
- Pivot pins

### Standard Tolerances

- Standard Chrome finish of .0005
- 1/4" to 1-1/2"      +.000" to -.0015"
- 1-9/16" to 2-7/16"      +.000" to -.002"
- 2-1/2" to 3"      +.000" to -.0025"
- 3-1/16" to 4"      +.000" to -.0035"
- 4-1/16" to 6"      +.000" to -.005"
- Over 6"      +.000" to -.007"

*All shipments are specially oiled, wrapped or tubed, and delivered in perfect condition. All bars are inspected prior to shipping for straightness and tolerances.*

### Case Hardened Chrome Rounds

1/4	2	4
1/2	2-1/8	4-1/4
9/16	2-1/4	4-1/2
5/8	2-3/8	4-3/4
3/4	2-1/2	5
7/8	2-5/8	5-1/4
1	2-3/4	5-1/2
1-1/8	3	5-3/4
1-1/4	3-1/4	6
1-3/8	3-1/2	
1-1/2	3-5/8	
1-5/8	3-3/4	
1-3/4		
1-7/8		

Lengths: 12' & 20' R/L. Can be cut to non standard lengths.