



Industry Uses:

- Automotive
- Industrial
- Aerospace
- Oil & Gas
- Process Industries
- Glass Mfg.

Properties:

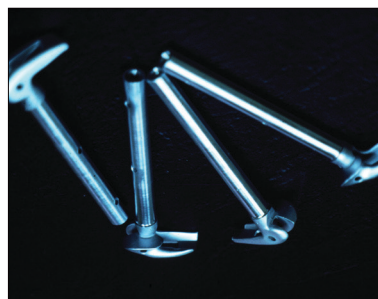
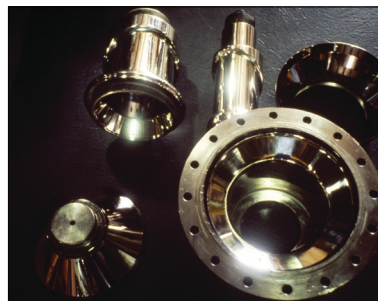
- Hardness: 740-825 HV/60-64 RCH
- Heat Treated at 590°F, 3 hrs.
Heat Treated Hardness:
960-1100 HV / 65-67 RCH
- Melting Ranges:
°F: 1830-2450° / °C: 1000-1350°
- Magnetic Properties
Coercivity: 15-80 Oe
- Corrosion Resistance:
300 hrs / ASTM B117 / .001" thick
- Thickness Control
(for a .001 deposit): +/- .0001"
- Max. Thickness: .001"
- Taber Wear Test
Wgt. Loss mg./1000 cycles
as plated: 8.5 - 9.5

Wgt. Loss mg./1000 cycles
heat-treated 5 - 7.5

E-Krome

Don't let the name fool you – Techmetals' **E-Krome is an innovative, Electroless Nickel plating process.** This coating offers a uniform finish with a resistance equal or greater than hexavalent chrome – allowing a robust solution without the environmental concerns. We think of it as electroless chrome.

E-Krome has a Rockwell hardness of 63, and it's low coefficient of friction helps in parts being used in difficult wear applications. This helps reduce the need for post-plate grinding or polishing as well.



Technical Advantages

- Perfect Uniform Deposit
- Hardness of Chrome
- Good Wear Resistance
- Good Corrosion Resistance
- Appearance of Hard Chrome
- No Robbers or Shields Needed
- Economical Plating Solution

Call: (937) 253-5311

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