NiBoride
Hard Chrome Replacement
Uniform Coating

- Excellent bond to substrate
- Uniform thickness
- Uniform application
- Non line of sight
- Complex geometry
- Columnar structure
Comparison with Hard Chrome

Threads of a bolt coated with NiBoride (A) and Hard Chrome (B)
Harness, Wear Resistance & Lubricated COF

Hardness, Wear Resistance & COF

Hardness RC

Vol. Loss / COF

NiBoride, Chrome, Elec Ni/Phos, TiN, Wc est.*
Corrosion Resistance

- Maximum service temperature: 1922°F
- Corrosion resistance enhanced with underlay of Nickel Phosphorus
- Columnar structure
What can be coated with NiBoride

- Anything coated with Hard Chrome
- End Caps
- Nozzles
- Tip Assemblies
- Die Plates
- ETC……..
Thank You

Specialists in Wear Resistance Products
Extreme Coatings

- 727-528-7998
- Fax  528-7995
- [www.surfaceengineering.com](http://www.surfaceengineering.com)
- [www.extremecoating.com](http://www.extremecoating.com)