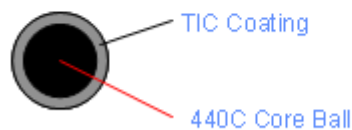


Titanium Carbide (TIC) Balls

- **Material** - ceramic type coating on 440C core ball
- **Coating Thickness** - ~.000080 inches
- **Coating Hardness** - HV 3500 (~150 Rc)
- **Surface Finish** - ~.0000005 inches AA
- **Temperature Range** - ~-350 to ~450 deg. F



Benefits of TIC

- Prevents adhesive wear between balls & races
- Good corrosion resistance
- Thermal expansion & elasticity are identical to core ball
- Compatible with extreme environments
(vacuum, temperature, marginal lubrication)
- Low noise / vibration