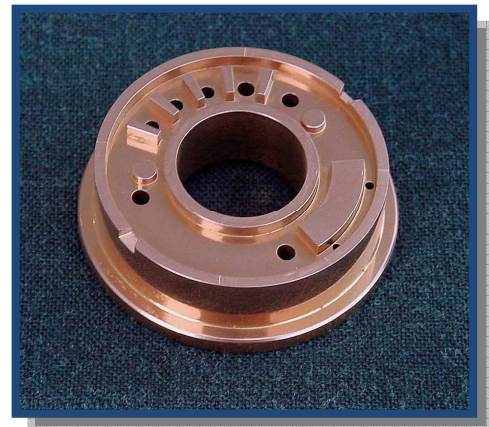
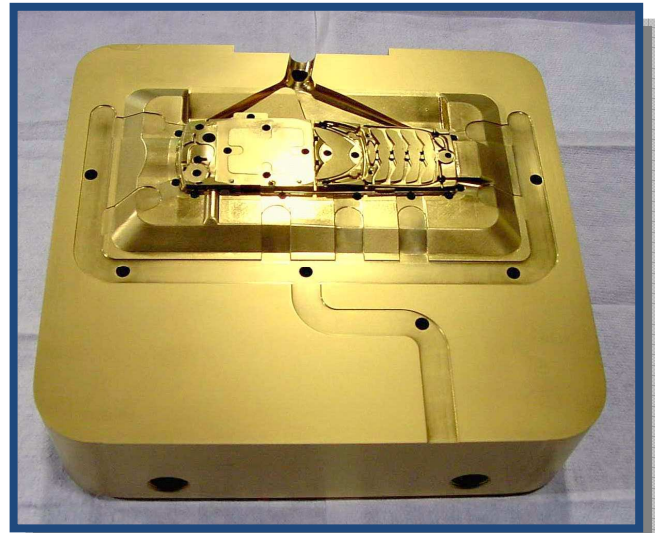


Maximize Molding Profits with TiN and TiCN Coatings

Coating your ejector pins, lifts, cavities and other mold components with titanium nitride (TiN) and titanium carbonitride (TiCN) will increase tool life, reduce down-time, eliminate galling and result in more profits for your company.

Coating Benefits Include:

- *5 – 10 x longer life over uncoated mold components.*
- *No galling between sliding components.*
- *Improved release of plastic parts, along with shorter cycle times.*
- *Less mold erosion when shooting glass-filled plastics.*
- *Less corrosion when molding gas-forming plastics.*
- *Easier mold clean-up, less plasticizer build-up.*
- *Can be refurbished numerous times so they can last forever.*
- *More up-time and higher quality parts, all resulting in more profits.*



TiN and TiCN are vacuum-deposited coatings that are very thin (.0001" - .0002"), very hard (>80 Rc) and wear resistant. Because they are very thin, they have minimal effect on tool tolerances, but a huge effect to your bottom line.

By increasing tool life 5 to 10 times, or more, every dollar spent on coatings will put hundreds of dollars back into your pocket.

TiN and TiCN can be chemically stripped from common mold tool steels without affecting the base material and surface finish. We have many customers using "Stripping and Recoating" to greatly prolong the life of their mold components.

Mold components can last "forever" if stripped and recoated before damaging the underlying material.

Optimize your tool life, give us a call today!

Surface Solutions
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