



# FNC

## Typical Applications

STAMPINGS ● SPRINGS ● DIES ● AUTOMOTIVE SHAFTS ● VALVE PARTS

The process achieves the same results as the cyanide salt bath process but uses gaseous mixtures to diffuse the nitrogen and carbon into the part and is therefore a more environmentally sound process. No salt residue to leach out of small holes and tight areas. Case depths are shallow.

The FNC process is a low temperature process that can be performed without distortion or loss of your dimensional requirements. Allow the use of low carbon steel instead of more costly alloy steel. FNC improves both the quality and performance of your parts.

### Benefits

- Wear Resistance
- Lubricity
- Scuffing Resistance
- Seizure Resistance
- Low Coefficient of Friction
- High Fatigue Strength

### Industries

- Armaments
- Automotive
- Aerospace
- Defense
- Transportation
- Locomotive
- Heavy Equipment
- Appliance
- Industrial
- Hydraulics
- More being added each day!

