

## CTR INTRODUCES PLASMA NITRIDING

### PLASMA NITRIDING IMPROVES

- Surface hardness
- Wear resistance
- Corrosion
- Resistance
- Fatigue life
- Tensile strength



### APPLICATIONS:

- Gears
- Piston pins
- Rotors
- Shackle bolts
- Bushings
- Thread guides and spindles
- Cams
- Crank shaft
- Gauges
- Broach
- Extrusion dies

### CLASS OF MATERIAL

- ✓ Carbon steel
- ✓ Ferritic & Martenstic steel
- ✓ Heat Treatment steel
- ✓ Austenitic stainless steel
- ✓ Nitriding steel
- ✓ Precipitation hardened steel
- ✓ Hot working steel
- ✓ High speed
- ✓ Cold work steel
- ✓ Valve steel
- ✓ Oil hardening steel
- ✓ Ni-hard
- ✓ Low carbon steel
- ✓ Cast iron

### Contact:

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