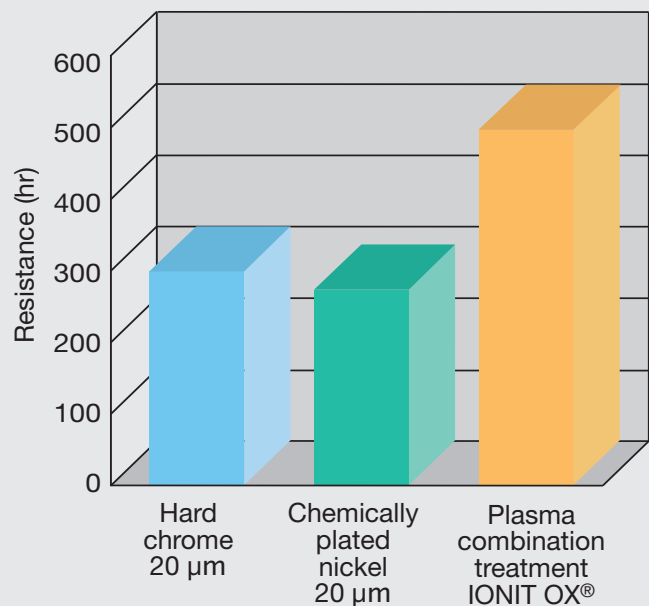


Hydraulic Applications

IONIT OX[®] suitable for quality and heat-treatable steels

Application range:

- Cylinder heads
- Hydraulic pistons
- Hydraulic attachments
- Hydraulic fittings and fasteners
- Shock absorbers
- Piston rods
- Gas spring rods



The essential advantages:

- High durability by high wear protection
- High durability by high corrosion protection, also in aggressive environments
- No contact corrosion with other metals
- Hardness up to 1100 HV depending on material
- Improvement of dynamic strength
- Low friction coefficient
- Minimum breaking-in wear
- Optimum endurance and lubricating properties by optimized contact pattern (percentage contact area 50-70%)
- No distortion
- Optimum Chrome-(VI)-replacement, absolutely environment-friendly