

Checklist for conversion to hexavalent chrome-free coatings

Have you considered all the requirements for the conversion

1. The requirements of the fastener

- Defined friction coefficient with low control
- Mechanical properties of the coating (hardness, viscosity)
- Low relaxation
- Health properties

2. Design requirements

- Capacity to be painted
- Colour
- Shiny surface structure

3. Resistance requirements

- Resistance to corrosion
- Resistance to temperature
- Resistance to chemicals
- Resistance to UV light

4. Special requirements

- Capacity for soldering
- Recyclability
- Electrical conductivity
- Temperature conductivity
- Resistance to wear
- Effect on screw locking device

5. Requirements of conversion process

- Scheduling
- Capacity planning
- Conversion coordinated with ARNOLD UMFORMTECHNIK



