

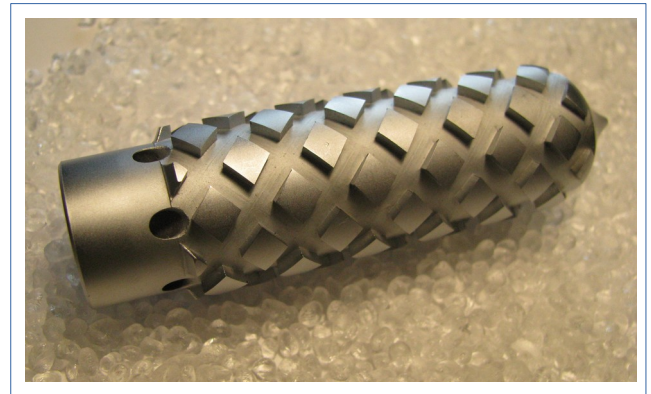


## Vickersil®

Surface coating by a thin electrolytic deposition of **chromium**, after appropriate surface preparation.

### Main specifications:

- **Closed nodular structure**
- Thickness of 3 to 15 µm
- Hardness **1800 HV**
- Very high resistance to corrosion
- Passiveness towards molten polymers



### Metal supports:

- Steel / Stainless steel
- Brass / Bronze / Copper

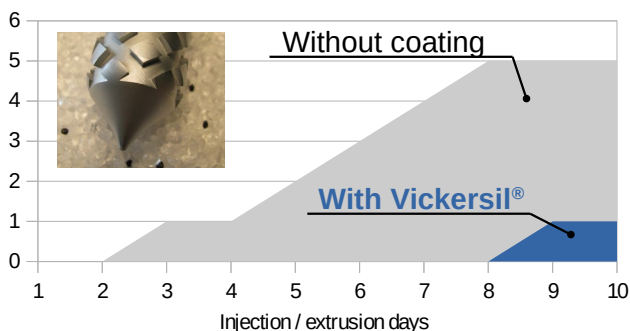
### Applications:

Vickersil® is adapted to the transformation processes of **molten polymers**:

Reduced adherence of polymers on metal

- better flow
- improvement of surface finish and mechanical properties
- reduced soiling
- easier cleaning of coated surfaces

Appearance of black spots over time



High resistance to abrasion

Torpedo for injection moulding  
(PA with 35% of glass fibres)

without treatment	with Vickersil®
15'000 cycles	600'000 cycles





## Hard Chromium

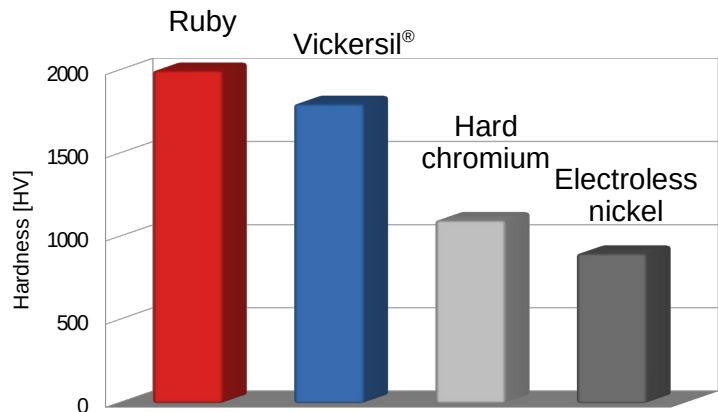
Surface coating by electrolytic deposition of chromium.

### Main specifications:

- Thickness of 1  $\mu\text{m}$  to 1mm
- Hardness 1100 HV
- Coating within tolerance

### Material supports:

- Steel / Stainless steel
- Brass / Bronze / Copper
- Aluminium



### Applications:

- Thickness adjustment of parts worn or machined too large
- Adjustment to a given tolerance
- Protection against corrosion

## Electropolishing

Electrochemical surface treatment by anodic dissolution of surface roughness.

### Metal supports:

- Applicable on stainless steel

### Application:

- Parts polishing
- Protection against corrosion
- Surface passivation

