



## Vickersil®

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

### Main specifications:

- **Homogeneous layer without microcrack:**  
closed nodular structure of 3 to 15 µm thickness
- Very high hardness: **1800 HV**
- Creates a passive surface
- Very good resistance to corrosion
- Very high resistance to abrasion
- Lowers friction coefficient

### Metal supports:

- Steel / Stainless steel
- Brass / Bronze / Copper

### Applications:

Vickersil® perfectly fits to :

- Improve surface finish of the parts
- Reduce adhesion and friction
- Increase hardness
- Protect against corrosion

### Production capacity:

Coating external surface of the parts:

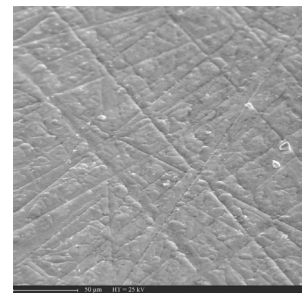
- Volume included in 600 x 1000 x 450 mm
- Cylinder Ø 65 mm maxi, length 1500 mm maxi

Coating internal surface of the parts:

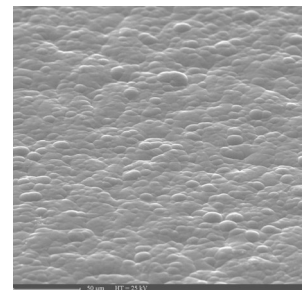
- Øint 4 mm minimum

Weight of the part to be coated:

- 70 kg maximum



Steel after machining



Steel coated Vickersil®

