



**Oberflächen-Technologien**  
Surface Technologies  
[www.iepcO.ch](http://www.iepcO.ch)

**deburring**

**Your partner for the Topfinish  
Finish for your success**

Ultra fine deburring by microblasting after laser cutting of stents implants for medical technology. Vasoconstrictions are stabilized with catheter interventions and stents



Different stents geometries are grinded out from fine profile pipes with the laser

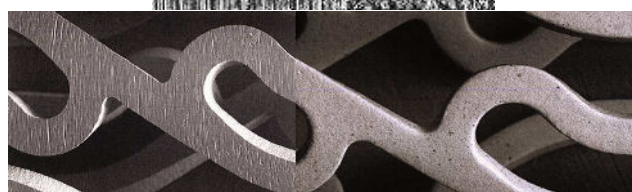
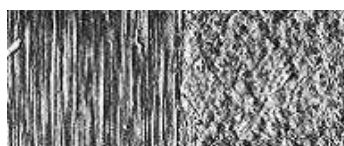


**Treatment**  
These tiny, latticed metal pipes must be deburred and cleaned very carefully, because the implant geometry allows absolutely no changes

Microblasting equipment PEENMATIC 850 ZDA-2 with two independently operating microblasting cabins, provided with one rotary cage unit each

- The laser leaves small, tinderlike residues
- The contours of the stents have sharp edges
- Burr formation on the edges

**Before**



**After**

- Finest residues are removed from the surface
- The edges are rounded, without changing the fragile stent geometry
- The surface can be easily structured to embed medicines