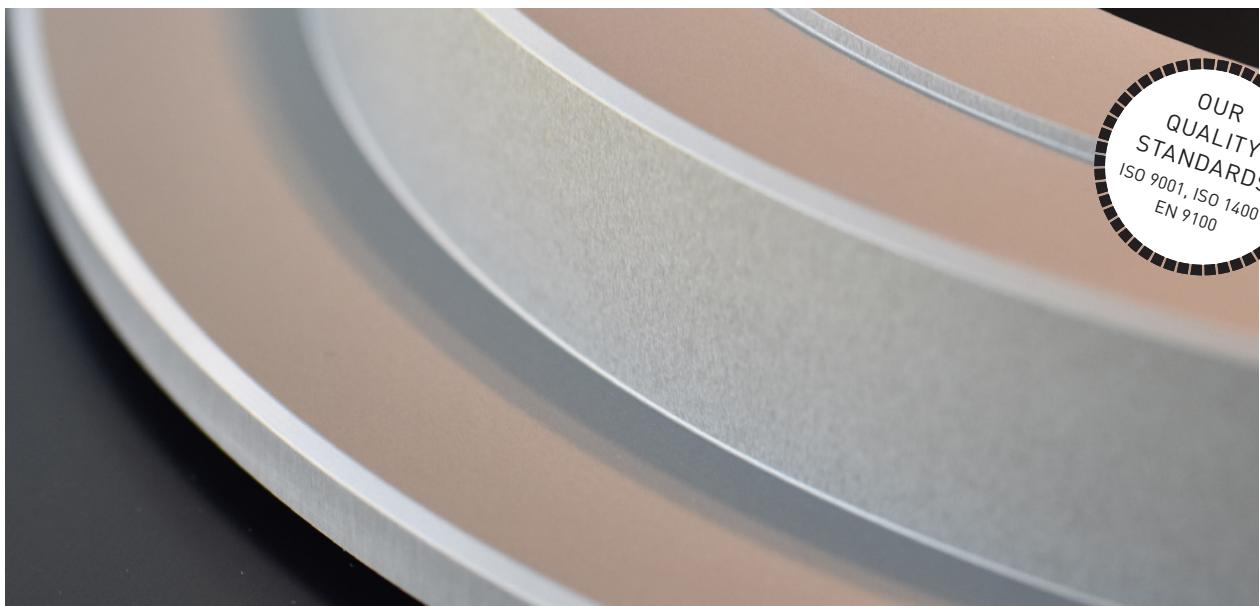


BILATAL

LOW-REFLECTION SURFACES

Bilatal anodising produces an oxide layer that is characterised by low residual reflection in the UV wave range.

In addition to the excellent optical properties, the Bilatal coating convinces with low outgassing behaviour and good wear resistance. A Bilatal coating of aluminium components reduces wear and can contribute to an improvement in the measurement results of sensitive precision mechanical-optical devices.



ADVANTAGES

- Layer thickness of 12 +/- 2 µm
- Low outgassing, sulphur and sulphate free
- ASML accredited
- Coating hardness of 400-500 HV
- Highly wear resistant surfaces
- Very good gliding properties
- Very high corrosion resistance
- UV-resistant
- Low reflection (especially in the UV wave range)

APPLICATIONS

Bilatal is used in optical applications:

- Optical measuring systems
- Microscopy
- Sensor technology
- Mechanical engineering
- Medical technology
- Semiconductor industry

Maximum component sizes: 1500 x 500 x 900 mm