



AFM Fun Grating

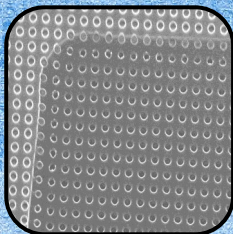
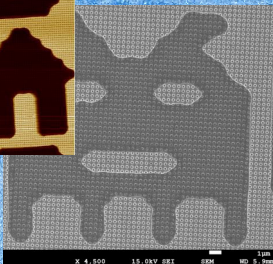
for AFM Demonstration and Testing



- 200nm Nano-Imprint Dots with a Pitch of 400nm
- 2 μ m Pixels based Pixelart Images
- 1.6mm Diameter Photograph Image



free sample
not for sale





Chip

Highly doped single crystalline silicon chip glued onto an AFM disc:

- Chip Size: 5x7mm²
- Disc Diameter: 12mm

Photograph and Text

Deepening etched into the polished silicon surface:

- Depth: > 100nm
- Photo Diameter: 1.6mm

Pixelart

Funny graphics composed from small pixels etched into the silicon:

- Depth: > 100nm
- Smallest Features: approx. 2μm
- Pixelart Size: 20x20μm

Nano-Dots

Circular nano-pits created by nano-imprint at the complete surface:

- Depth: > 100nm
- Dot Diameter: approx. 200nm
- Dot Pitch: approx. 400nm

Please be aware that this grating is no calibration artifact. Dimensions are not guaranteed!