

# Laser cut stencils

- We use the latest stencil laser technology available by Tannlin
- Throughput up to 70 000 apertures per hour (Wafer bump).
- Feature accuracy +/- 1  $\mu\text{m}$ ,
- aperture repeatability < 1  $\mu\text{m}$ ,
- global repeatability +/- 2  $\mu\text{m}$ ,
- global accuracy +/- 5  $\mu\text{m}$ .
- Dynamic Laser Control DLC
  - During very high speed cutting of apertures Tannlin DLC constantly corrects cutting speed and matches laser parameters to the actual speed during task.
- HD Advance Optical Inspection (AOI)
  - 100% error checking and validation on every feature.

**DLC and HD AOI ONLY AVAILABLE IN TANNLIN STENCIL LASERS!**

