

Accelerating the future



October 10, 2023

20231010 Introduction NTS Drachten

NTS DRACHTEN

- Focus on ultra precision/ultra small/ultra clean mono parts and small assemblies of high complexity materials
 - Ultra precision: tolerances $<1\mu\text{m}$
 - Ultra small: size $<75\text{mm}$
 - Ultra clean: contamination $<1\mu\text{m}$
 - Complex materials, including molybdenum, niobium, etc
- Competence development in the areas of:
 - Combination of Material science and Manufacturing competences
 - Engineering, including DfX and Value engineering
 - Cleanliness
 - Measurements
 - New facilities
- Extensive capacity investment program, including new facilities, which meets ultra precision requirements and growth in demand of customers



ULTRA PRECISION



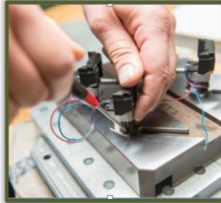
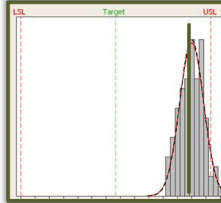




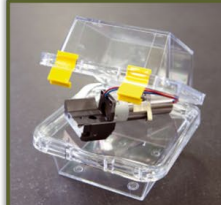



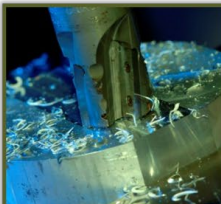









Combination of
production competences

and

Vertical integration

Accelerating the future

				
State of art machinery	Material know how	Fixation know how	Tolerance analysis	Vibration free foundation
				
Production strategy	Measurement strategy	Climate control	Packaging	Craftsmanship

				
Precision Milling	Precision Turning	Wire-EDM Sink-EDM	Grinding & Lapping	Precision measuring
				
Vacuum brazing	Dip brazing	Heat treatment	24/7 Robotics	Cleaning & Clean Room assembly

ASML



KLA Tencor



ThermoFisher SCIENTIFIC



Iba



Accelerat

Thank you

Accelerating the future

