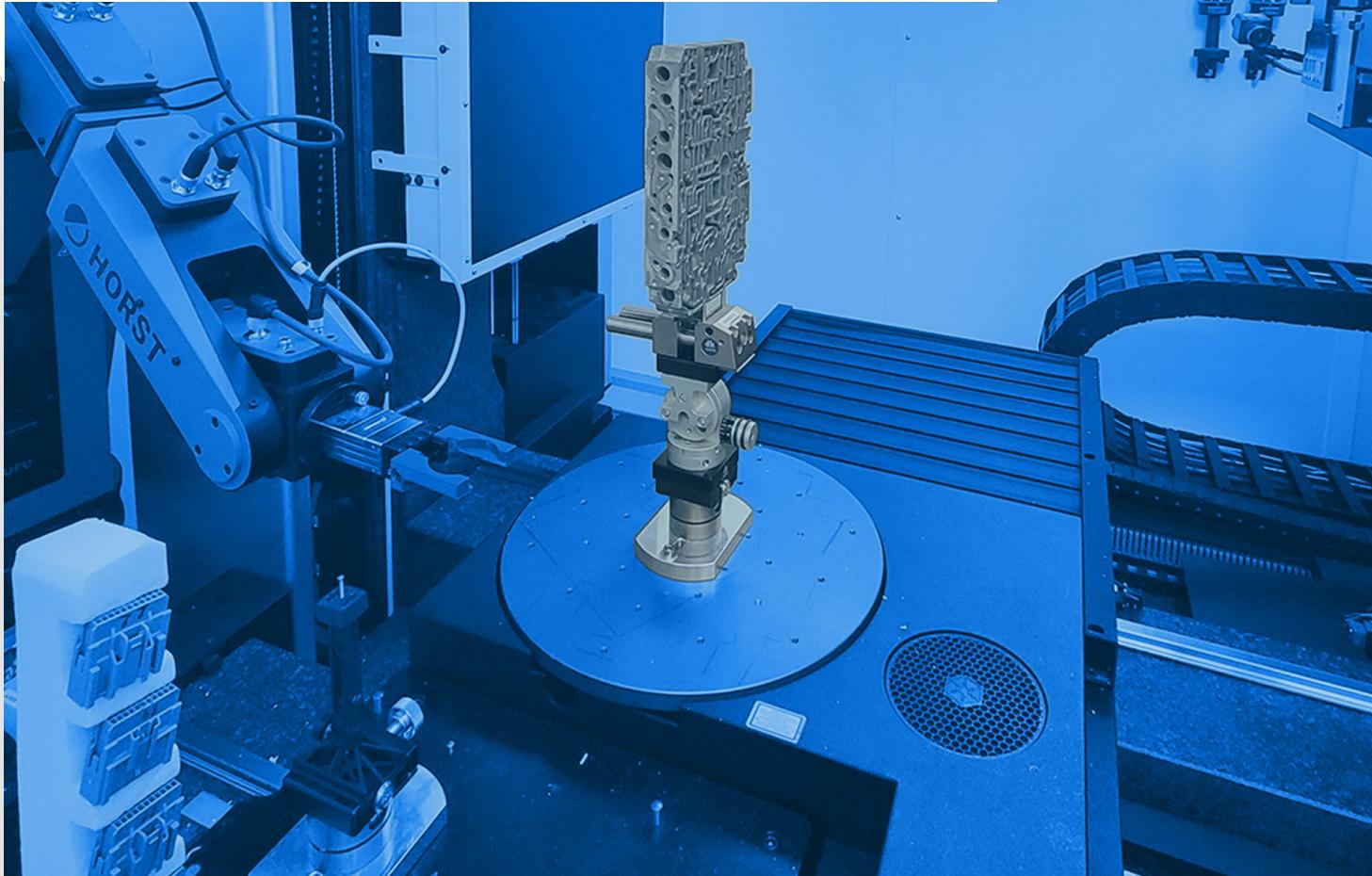


Automated quick-change interface SWA40



Automation in measuring technology using SWA40

For use with robots in the environment of CMMs, optical metrology machines, computed tomography, surface and contour measuring devices as well as 3D scanning systems

Streamlining the entire process chain

- » Perfect integration of metrology machines into the entire process
- » Orderly delivery of test specimens at the metrology machine
- » Ideal movement into the metrology machine
- » Repeatable positioning and fixating
- » Controlled removal/placement subject to measuring result
- » Simple integration due to universal quick change interface



↳ *The universal interface between machine and workpiece due to many basic holders for all measuring technologies.*

Universally applicable interface SWA40

- » For all measuring technologies
- » For any metrology machine, irrespective of the manufacturer
- » For all industrial robots, irrespective of the manufacturer
- » For all part holders of the many dk-modular systems and therefore...
- » For all types and geometries of test specimens
- » For single and multiple clamping
- » For simple programming as grippers and robots do not follow test specimens but the interface

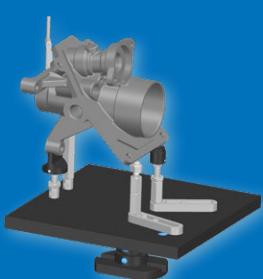


Video:
Robot loads
metrology machine

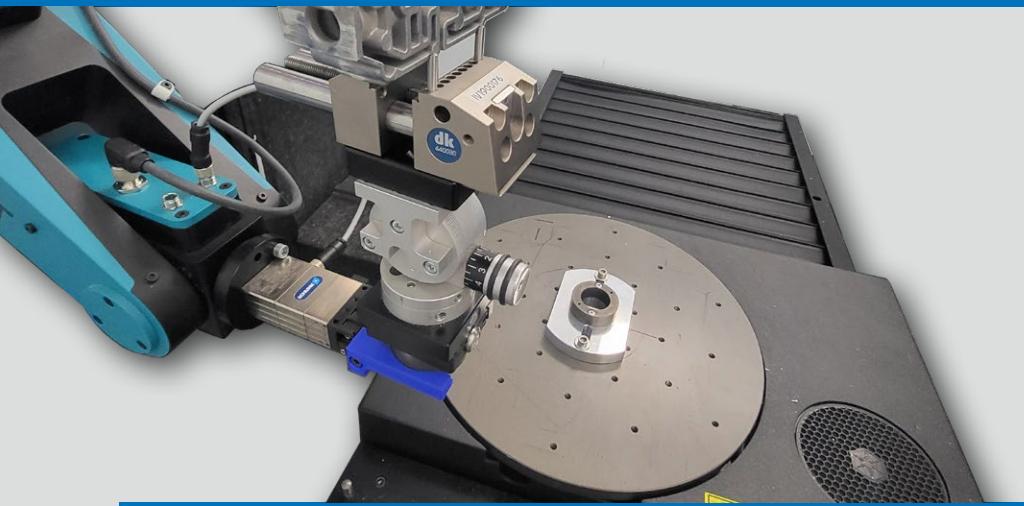


Removing the operator from the metrology machine

- » Operation without metrology personnel for production-related measuring saves time
- » The operator sets up in the staging area when it suits his processes
- » Unmanned measuring processes, no labour costs
- » Unmanned processes in additional shifts or outside regular working hours
- » Consistent process quality because programmed processes always run unchanged

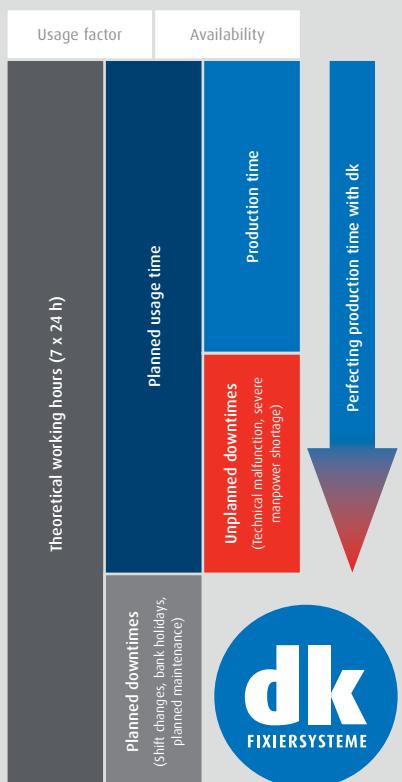


↳ **Fully compatible with modular systems by dk and resulting in countless possibilities for fixation devices.**



Measurable and consequently calculable benefits

- » Freeing up capacities of qualified measuring technicians
- » Continuous and therefore ideal machine utilisation
- » Increase in measuring throughput per time unit
- » Greater utilisation time of metrology machines per day
- » Overall, several factors for lower process costs





TACTILE MEASURING



OPTICAL MEASURING



MACHINE VISION & SENSOR



CONTOUR & SURFACE MEASUREMENT



COMPUTED TOMOGRAPHY



3D LASER SCANNING



dk FIXIERSYSTEME GmbH & Co. KG

Untere Breite 7
D-72144 Dußlingen

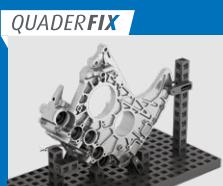
Tel. +49 (0) 7072 60042-0
info@dk-fixiersysteme.de
www.dk-fixiersysteme.de

modular. simple. better.

The entire world of fixating, clamping and positioning

The comprehensive standard construction sets with around 1,000 parts by dk FIXIERSYSTEME for metrology technology offer the following advantages:

- » Modular system that has grown and been tried and tested for decades
- » Modularity across different lines
- » Solutions for every positioning task
- » Efficiency through synergetic effects through several industry solutions



FAST
REASSEMBLY
LIFELONG



The basic principle of all dk FIXIERSYSTEME!

Our fixtures have a modular design, may be dismantled at any time and reassembled to their initial state. The compatibility of dk FIXIERSYSTEME ensures perfect utility value.