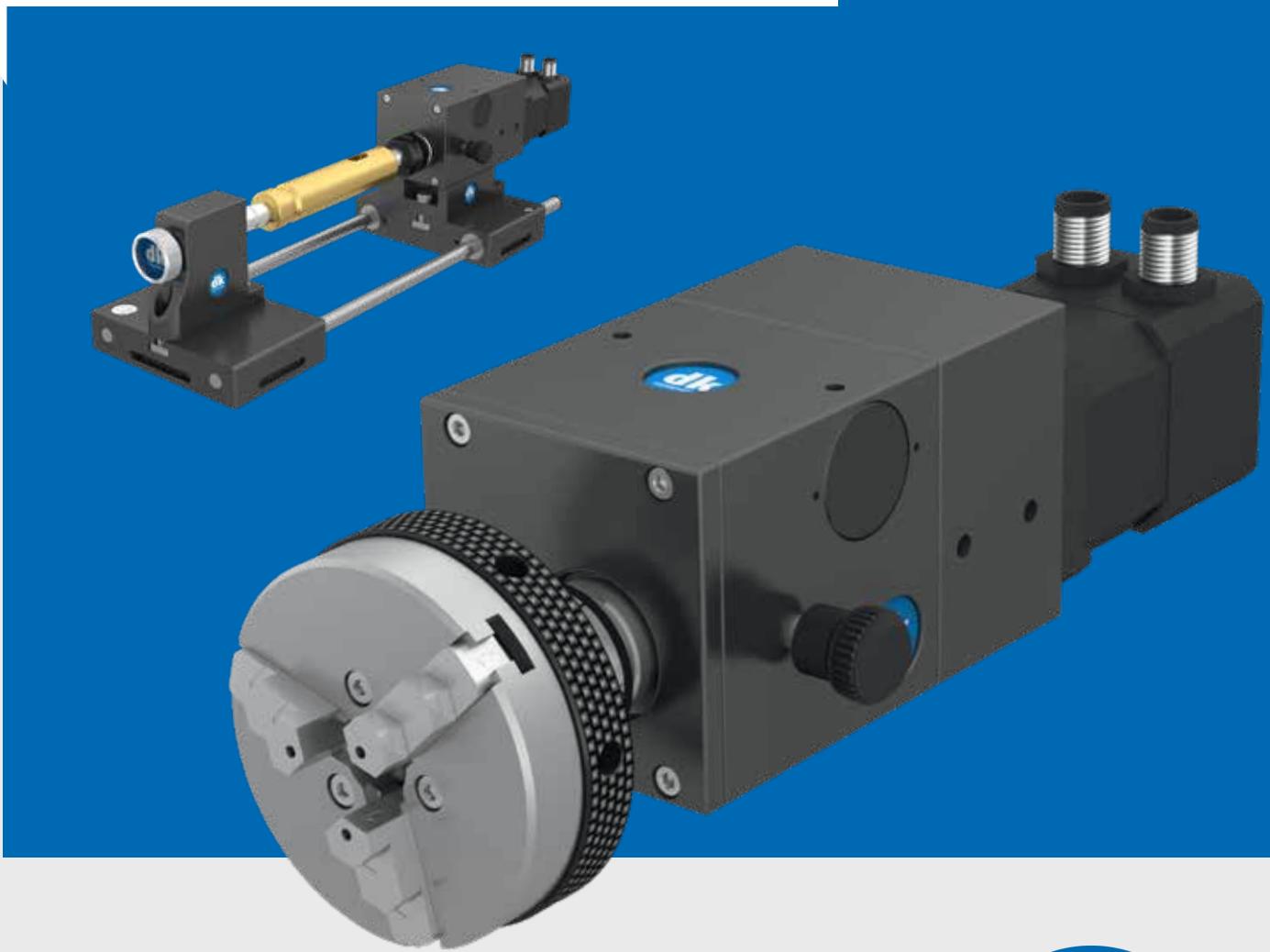


*Dividing head and tailstock
with motor control*



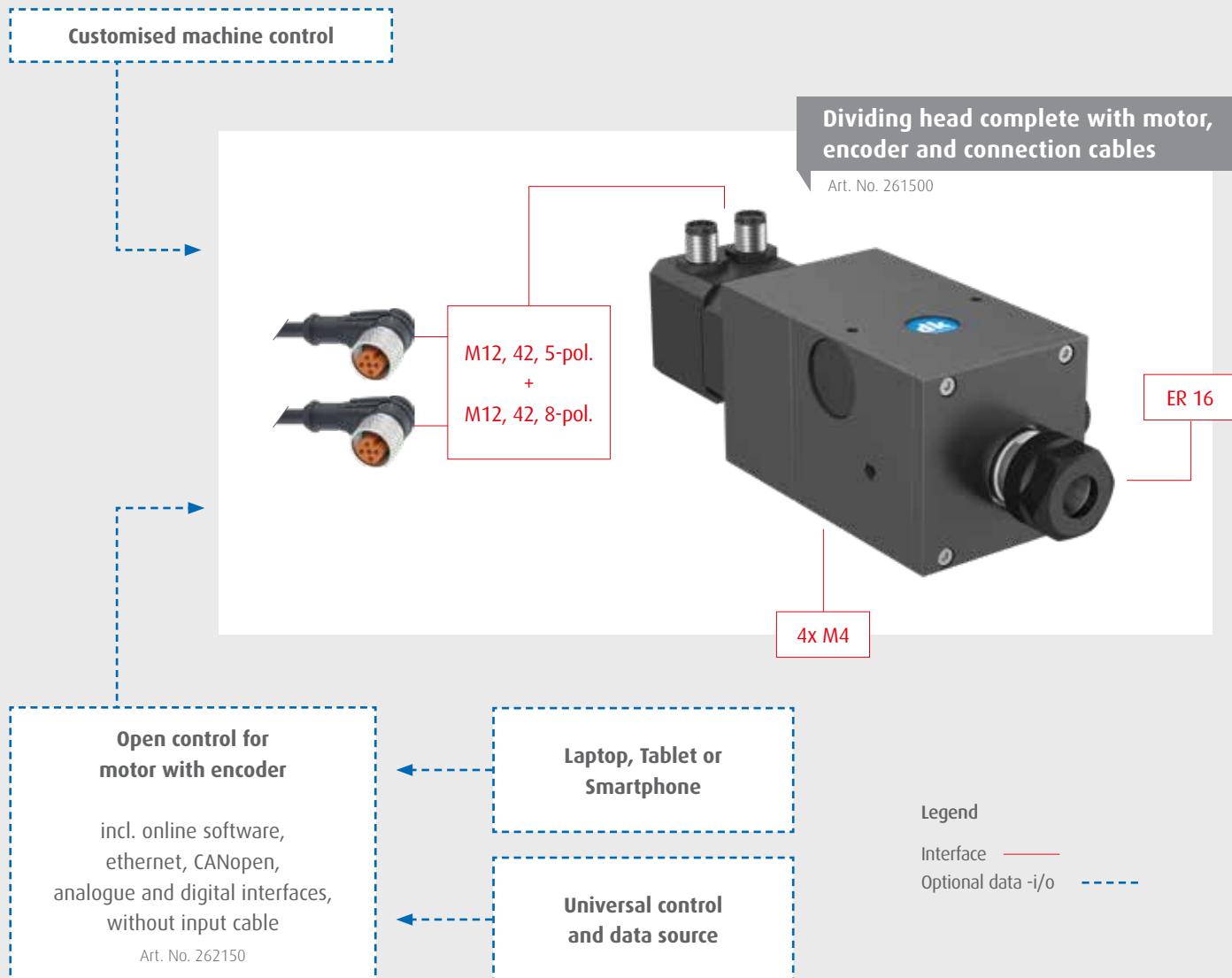
Efficient processing through motorised dividing head with position feedback via encoder

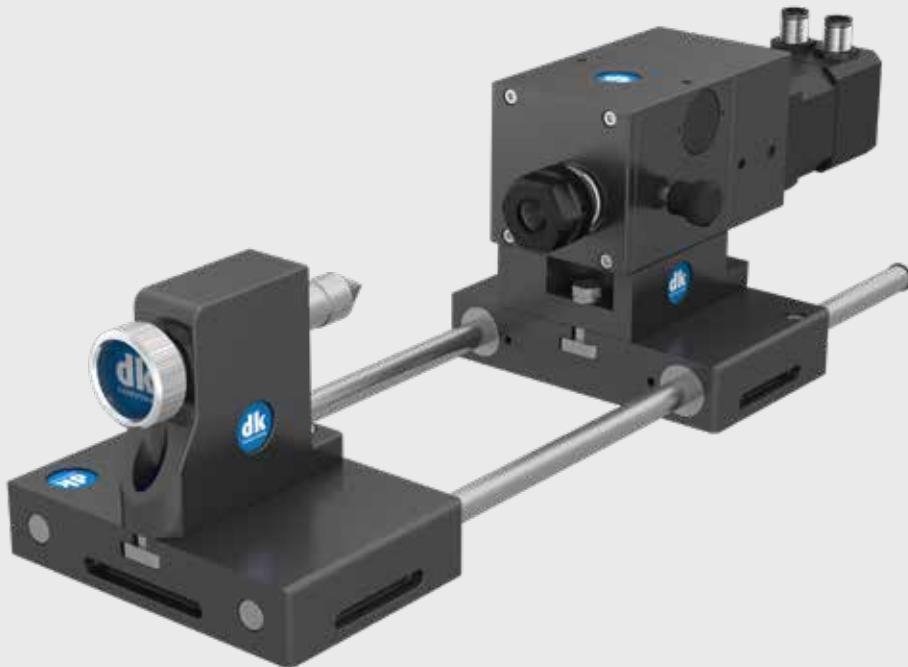
Optical or tactile measurements as well as laser applications are often not carried out in one arbitrary position but in several precisely defined angular positions. Automation in the form of a controlled rotary positioning drive brings the following advantages compared to manual adjustment:



Advantages

- » Rapid approach to the angular position
- » Precise and repeatable adjustment of the rotation angle
- » Position feedback for perfect results and documentation
- » Can be integrated into intelligent overall control systems for high productivity
- » Maximum time saving
- » Highest process reliability





Configuration options

Configuration options for the dk dividing head with motorised drive for use as a rotary unit via ER16 interface
optionally with interchangeable...

- » Chucks up to Ø 65 mm
- » Collets Ø 0.5 to 10 mm
- » Conical or hollow centres with various diameters and angles

Additionally with tailstock as support for long parts, on adjustable base plate or height-optimised optics pallet.

Optionally available without motor for mounting a customer's own drive on the standardised NEMA 17 interface (Art. No. 261510).



Mechanical dividing head without motor

The purely mechanical dividing head without motor, manual operation with handwheel, reduction ratio of 1:40, scale disc, vernier display and spindle lock can be found with accessories as standard in the dk general catalogue (Art. No. 261000). This can be upgraded with a digital display unit incl. rotary transducer to optimise manual positioning (Art. No. 261200).

Module system

We have been pursuing the philosophy of the modular system for many years as a manufacturer of fixation systems for measuring, laser, dispensing and handling technology. The modular structure, compatibility and above all the number of combinable functional elements give our programmes a very high utility value.



A multitude of possibilities with the dk modular system

The modular system from dk provides numerous options for placing the motorised or manually driven dividing head to suit the machine and the process. The user can choose between the SWA39 quick-

change system, a large adjustable baseplate with tailstock, a pallet-tailstock configuration minimised in the Z-axis for optical systems, universal fastening by means of clamping claws, fastening via slot keys in

Integrating the dividing head into the machine environment



T-slot baseplates and completely universal fastening via the four tapped holes in the underside.

clamping equipment for use with dividing head

Our mission

We solve our customer's clamping problems and make their tasks easier, more successful and more efficient.



Alternative clamping equipment for fixating workpieces in dividing heads (motorised or manual)

Precision three-jaw chuck

\varnothing	Article No.
34 mm	On request
50 mm	On request
65 mm	261351



Collet ER 16



\varnothing	Article No.
10	263409

Tailstock centres

Centre	\varnothing	Article No.
60° conus	0 - 12	349758
60° conus	10 - 22	349770
60° conus	0 - 12 stepped	349759
90° hollow	0,5 - 5 slotted	349700
90° hollow	2 - 15 slotted	349720
90° hollow	14 - 30 slotted	349730
90° hollow	2 - 15 stepped	349752



Collet set ER 16



\varnothing	Article No.
0,5 - 10	263450

Collet ER 16, single



\varnothing	Article No.
0,5 - 1	263400
1 - 2	263401
2 - 3	263402
3 - 4	263403
4 - 5	263404
5 - 6	263405
6 - 7	263406
7 - 8	263407
8 - 9	263408
9 - 10	263409

Tailstock optional

Tailstock required

Tailstock optional



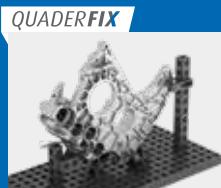


The digital version of our catalogue is available here:
www.dk-fixiersysteme.de

The entire world of fixating, clamping and positioning.

The ca. 1,000 parts of the comprehensive standard modular system of the dk fixation systems for measurement technology offers the following advantages:

- » Tried and tested modular system that has grown over decades
- » Modularity across different programmes
- » Solutions for every positioning task
- » Economic efficiency through synergy effects of several sector solutions



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modular. simple. better.



**FAST
REASSEMBLY
LIFELONG**

The basic principle of all dk fixating systems!

Our modular fixtures can effortlessly be disassembled and precisely reassembled at any time. The compatibility of the fixturing systems make the utility value perfect.