### Press release Reutlingen, February 2019

**Modular fixturing systems for laser technology**

**Lasing components: Position quickly and with repeat precision with dk**

dk FIXIERSYSTEME GmbH & Co. KG is one of the leading manufacturers of modular fixturing systems for positioning and clamping parts sized 0.1 to 1000 mm. The diversity of the standard elements, the compatibility of the five main programs and the quick-change system justifies this position.

Based on the fixturing systems for optical and tactile measuring technology that has been tried and tested over many years, dk now brings innovative solutions for laser technology, especially laser engraving technology onto the market.

Why does this work so well? Because the requirements of laser practice are almost identical with those of part positioning for measuring technology.

* Positioning in the optimal position for the lasing process
* Secure hold with minimum force
* Precise, repeatable fixation of the part to be lasered
* Modular elements for the simple construction of constantly new fixtures
* Exactly reproducible reconstruction of disassembled fixtures for identical fixation positioning
* Pallet system for setting up away from the laser device
* Solutions for electronically controllable rotary movements of the workpiece

The resulting advantages for industry are clear:

* Quick and easy implementation of new workholding fixtures
* Precise fine adjustment of the position through infinitely adjustable add-on elements
* Quick changes between the different workholding fixtures
* No expensive storage of inflexible single-use fixtures
* Increased OEE through higher utilization of the laser due to setups outside the machine
* Controlled rotary motion for lasing cylindrical elements with compatible data communication
* All in all, the modular fixturing systems from dk save time, costs and resources

To support planners and users, dk has made 3D models of the fixturing systems available on the homepage. This does not only support the new planning of fixtures, but also eases their documentation enormously .

dk also introduces the new logo "FAST REASSEMBLE LIFELONG". This communicates the outstanding advantages of dk's modular systems in combination with their longevity due to the extremely high material quality. The rapid (re)assembly of fixtures that can be repeatedly carried out over a very long period is unmatched in this scale and the specified part spectrum.

The dk application technicians look forward to your inquiries!

**Number of characters**

Total: 2.448 characters

Words: 361 words

**A short profile about dk FIXIERSYSTEME**

The core expertise at dk FIXIERSYSTEME focuses on modular clamping designed specifically for measuring technology.

Active in this sector since 1972, the dk team began working with fixturing technologies from an early stage and has further developed this range of products over the course of time. Today, the product range encompasses ca. 1,000 products which can be freely combined and therefore form a modular system. Users who work with dk technology regularly confirm that the possibility to combine modules flexibly and the durability of the elements guarantee a precise measurement result with a continuous workflow.

*dk FIXIERSYSTEME: modular. simple. better.*

dk FIXIERSYSTEME GmbH & Co.KG

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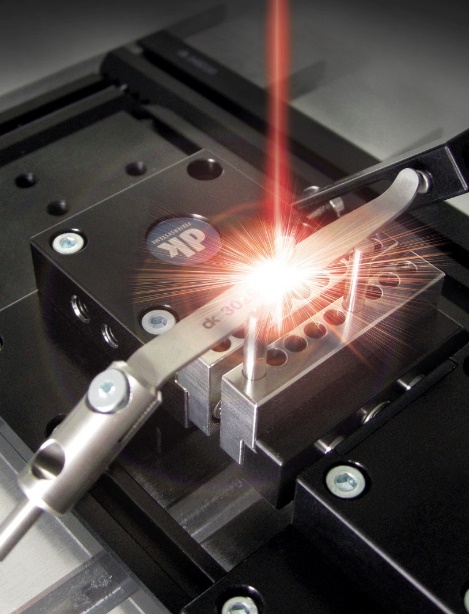
Image 1: Image 2:

**Vise with limitable holding force Tailstock with motor controlled**

including pin jaws and adjustable **from the laser device**

stop on interchangeable pallet Diamond coated carrier centre for

secure grip on the workpiece



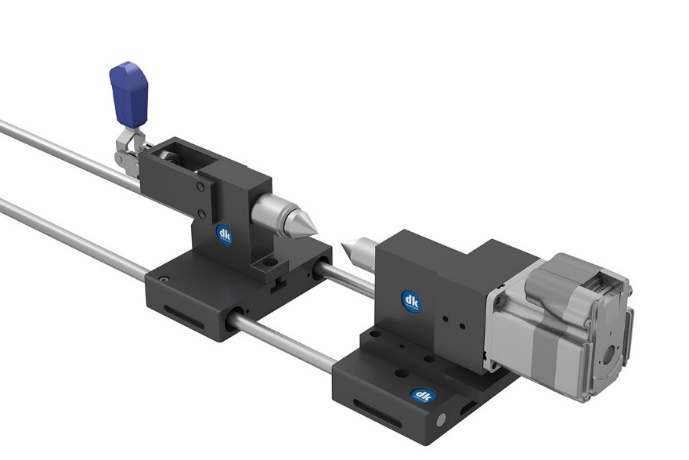


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