### Press release Reutlingen, January 2021

**Ultimate program for gauge stands and 3D articulated joints**

**Five product lines cover all demands**

dk FIXIERSYSTEME GmbH & Co. KG has enjoyed an excellent reputation for more than 30 years in the field of fixation systems for measuring, laser and handling technology. The key to this was and is the philosophy of the modular programme structure together with a modular system of around 1,000 parts for tactile, optical and CT measurement technology. In this field of fixation technology, 3D articulated joints were also established, which were further developed from the common, tried and tested main application "dial gauge stands". These are also available from the product range.

The five new dk programmes include the 3D articulated joints:

* Solutions in the mid-price range in addition to the high-end versions
* Many additional dimensions from 100 to 600 mm action radius
* The technical variant *"TurnStopLine"* with positive locking central joint for very high demands on strength and for use in environments exposed to dirt or lubricants.
* The rustproof and optional steam sterilisable cleanroom version *"INOX HygienicLine"*

The modular design makes customised solutions to meet requirements a standard feature, as hundreds of configurations can be easily assembled from one matrix. All conceivable mountings for the clamping joint on the base are taken into account, as well as all useful equipment and parts holders at the top end of the stand. All in all, dk thus offers an unprecedented variety of solutions for measuring stands and 3D functional joints in addition to the standard common dial gauge stands:

* 5 clamping joint types, each in various sizes and different materials
* More than 30 products for fixating the base including magnets, clips, clamps and adapters
* More than 30 top holder products such as dial gauge holders, vices, chucks, magnet holders and camera brackets
* NBR joint sleeves to protect the precision balls from dirt and lubricants
* Standard 7 star grips or lockable operating levers to "park" in arbitrary positions
* Interfaces for the basic elements of diverse fixation system manufacturers
* Several standard interfaces for the dk clamping elements such as SWA5, SWA8 and SWA39
* Special solutions for imaging, machine vision and sensorics
* Common standards and special solutions for all measuring stand applications

In the new stand brochure, dk shows how almost any positioning of an instrument or workpiece, no matter how complex, can be easily generated, simply adjusted and permanently rigidly but also effortlessly fixated in a removable manner with just one device - and all without tools!

The summary of the technical-functional characteristics of dk clamping joints for dial gauge stands and fixation fixtures:

* Simple and universal adaptation at both ends
* 3 precision joints for unlimited variable 3D spatial alignment
* Selection of different action radii
* INOX versions for the clean zones and sterile rooms of hightech industries are available
* Clamping adjustment from lightly adjustable to absolutely rigid without tools
* The "absolutely rigid" degree is with the "TurnStop" technology comparable to welded parts
* Each fixation is easy to produce, readjustable without tools and removable

The costs are relativized by versatility, speed, permanently secure function and long usability. This means the stands also ideally achieve the dk principle of: "FAST REASSEMBLY LIFELONG".  
Brochure, product matrix and application videos at [www.dk-fixiersysteme.de](http://www.dk-fixiersysteme.de)

**Number of characters**

Total: 3,499 characters

Words: 531 words

**A short profile of dk FIXIERSYSTEME GmbH & Co. KG**

The core expertise of dk FIXIERSYSTEME is in modular clamping specially for measuring technology, but also for laser technology, metering technology, mounting technology, microtechnology and parts handling.

Soon after it came onto the market in 1972, the dk team started specialising in fixation technologies and has been expanding its range of products since then. Today, our product range includes around 1,000 products which can be freely combined together in 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.*



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Image:

**5 programs compatible in 1 stand module**

Machine Vision, dial gauge stands, part fixation and INOX clean room stand with central clamping   
through three precision joints, infinite 3D spatial adjustment and absolute rigid fixation

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