# Press release August 31, 2022

Workpiece clamping

**Give corrosion no chance**

**The new KONTEC KSC3 manual basic-line vise constitutes a significant gain in process reliability for users. Its nickel-plated base body protects from corrosion and wear, thereby increasing its range of applications.**

When it comes to process-reliable workpiece clamping in machining of pre-machined parts and finished parts, the KONTEC KSC centric clamping vise has established itself as a highly efficient all-rounder. Now clamping device expert SCHUNK presents a successor that is in no way inferior in terms of reliability and precision. The nickel-plated base body of the new device also offers optimum corrosion protection. As a result, it can now be used even in demanding environments, for example with high humidity. Its extremely flat design and improved interfering contour ensures optimum accessibility, especially for 5-axis machining. This optimizes the use of the machine room. Another benefit for process reliability is its encapsulated spindle. Its enclosed design with better chip discharge via lateral grooves protects from dirt and reduces maintenance costs. Since its bearing is free from play, the clamp has an excellent repeat accuracy of up to +/- 0.01 mm, thus enabling highly precise machining of the first and second sides with only one clamping device.

**Flexible in combination**

The centric clamping vise is 100% compatible with the predecessor KSC model and can be exchanged without any alterations to the program. Its unique, extensive range of system and top jaws and the easy jaw exchange via just two screws enables this multi-talent to be flexibly adapted to new clamping tasks in just a few steps. In addition, its VERO-S interface, which comes as standard, enables the KCS3 to be combined with the flexible SCHUNK stationary toolholding and workholding modular system, resulting in a wide range of clamping options. The KONTEC KSC3 is available in sizes 80, 125 and 160. Due to the efficient transmission of force, the workpieces are held securely with clamping forces of up to   
35 kN.

**schunk.com**

**Captions:**

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| KONTEC KSC3 | Process-reliable and flexible: The new KONTEC KSC3 is safely protected against corrosion and offers a wide range of clamping options.  Image: SCHUNK |

**Contact person:**

**H.-D. SCHUNK GmbH & Co. Spanntechnik KG**

**Markus Michelberger**

**Head of Sales Clamping Technology**

Lothringer Str. 23

D-88512 Mengen

Tel. +49-7572-7614-1034

Fax +49-7572-7614-1039

markus.michelberger@de.schunk.com

schunk.com

**Kathrin Müller, Dipl.-Betriebswirtin (BA)**

**PR & Corporate Communication**

**Corporate and Product Communication**

Tel. +49-7133-103-2327

Fax +49-7133-103-942327

kathrin.mueller@de.schunk.com

schunk.com