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A new weapon for the "Set-up time killer" SCHUNK develops new automation module

Looking to expand its VERO S modular system for efficient workpiece clamping, SCHUNK has now unveiled the VERO S NSE A3 138 module, specially developed for automated machine tool loading and for applications in handling, assembly and automation technology.

SCHUNK GmbH & Co. KG was founded by Friedrich Schunk as a mechanical workshop in 1945 and, over the years, has developed into an industry expert and global market leader for gripping systems and clamping technology. The VERO S quick-change pallet system has long been one of the highlights of the SCHUNK portfolio. Nicknamed the

"set-up time killer" by its developers, this technology ensures that machine operators can change workpieces, clamping devices and jigs precisely and – more importantly – quickly. In fact, performing the set-up in parallel with machining processes is said to reduce idle times by up to 90%. To meet the requirements of Industry 4.0, SCHUNK has now developed the VERO S NSE A3 138 automation module specially for automated machine tool loading and for applications in handling, assembly and automation technology.

As the latest, fully compatible part of the comprehensive SCHUNK VERO S modular system, the VERO S NSE A3 138 automation module

is equipped with a powerful blow-off function that carefully cleans the bearing surface during the changing process, ensuring workpieces and clamping devices can be changed reliably. A spring-actuated cone seal also prevents chips and dirt from penetrating into the interface. To ensure the product can reliably accommodate even high tilting moments and lateral forces, the module body of the VERO S NSE A3 138 boasts excellent dimensional stability, which benefits the rigidity of the automated quick-change solution – as does the enormous pull-down force of 8,000 N or 28,000 N when the turbo function is activated.

further information: www.schunk.de

Oemeta presented BOHRMILCH 4.0 at Intec New product in the field of water miscible coolants

The Intec, an international Trade Fair for machine tools, production- and automation technology, took place in February 2019 in Leipzig, Germany. In addition to new machining oils Oemeta presented a new product in the field of water miscible coolants.

According to the motto BOHRMILCH 4.0 Oemeta presented the product NOVAMET 1000 S as an allrounder for all processes, all materials and every water. The fully dispersive product with a high oil content provides all virtues of the classic "Bohrmilch" but is based on modern raw materials and therefore adapted to the requirements of today's machining technology. That means high pressures, a wide process window for multitasking use and a very good compatibility for almost all materials, e.g. sensitive aluminium or non-ferrous metals. Besides a high lubricity for low tool wear, the good corrosion protection and the skin- and



environmental-compatibility are especially noteworthy. NOVAMET 1000 S is free from bor and formaldehyde and because of the low foam tendency and a stable formulation it is a low-

maintenance product with a long tool life. The product is low in odor, even on Monday mornings.

further information: www.oemeta.com