

### Press release Sulz am Neckar, Germany, December 2018

For large quantities

# KIPP introduces pneumatic clamping elements

**HEINRICH KIPP WERK has introduced a wide spectrum of new clamping elements into its range. These new products are characterised by a pneumatic operating principle and are suitable for use mainly in machining centres. Partial automation simplifies processes considerably.**

The *pneumatic machinable collet1* consists of a pneumatic collet holder made from Q&T steel and a high strength aluminium alloy collet. After the collet holder is screwed onto fixture, the collet is mounted and can be actuated by applying compressed air to the open or close ports. Simple collet changes enable quick and easy clamping of various different workpieces with irregular contours.

The *pneumatic pull clamp2* grips and pulls down a draw bolt screwed into the workpiece. Clamping and releasing is carried out by a compressed air line applied to the specified port. Another compressed air port is used to blow the clamp out and clean the contact face. This port can also be used to ensure that there is no gap between the workpiece and contact face. These *pneumatic pull clamps2* can be used as a zero-point clamping system.

The distinguishing different features of the *pneumatic hold-down clamps3*, *swing clamps4* *and side clamps5* manner in which each clamps the workpiece. With the *pneumatic hold-down clamps3* the workpieces are loaded and removed from the side and clamped from above. The *pneumatic swing clamp4* can be pivoted aside to enable the workpiece to be easily mounted or removed from above. The *pneumatic side clamp5* offers optimal accessibility. The workpiece is clamped on the sides leaving the top face free to be machined.

Characters including spaces:

Headline: 43 characters

Pre-head: 20 characters

Text: 1.611 characters

Total: 1.674 characters

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Additional information and press photos

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### Photos

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| KIPP introduces pneumatic clamping elements | Image file:  KIPP\_Spannelemente\_pneumatisch\_2018.jpg  K1392 Machinable collets, pneumatic1  K1390 Pull clamps, pneumatic2  K1409 Hold-down clamps, pneumatic3  K1388 Swing clamps, pneumatic4  K1410 Side clamps, pneumatic5 |
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