### Sulz am Neckar, September 2020

Further development in clamping technology **KIPPflexX: flexible 5-axis clamping system with two functions**

**The HEINRICH KIPP WERK hat made a further development to the proven 5-axis clamping system: the KIPPflexX is a versatile solution for any 5-axis milling machine, which can be used both for raw parts as well as for pull-down clamping. This is unique on the market. A new feature is the user-friendly rapid adjustment using a crank handle.**

The KIPPflexX clamping system which KIPP has brought to the market combines two functions: the patented pull-down function is particularly suitable for pre-machined workpieces. Thanks to the symmetrical design structure of the ratchet lever, the workpiece is always centred, thus ensuring high repeat accuracy.

This system can also be used just like a standard vice: if clamping raw parts, jaw plates with pins are used and these are pressed positively into the material, thus making time-consuming preforming processes unnecessary.   
  
The support height of 180 mm ensures optimal accessibility for the tool on 5-axis milling machines. The flat guide ensures greater stability and rigidity in the clamping system, which provides an exceptionally high retaining force of 52 kN. For the clamping range on a baseplate, the user needs three adapter shafts and one extension shaft. With another baseplate and additional extension shafts, the clamping range can be extended substantially.

KIPPflexX is suitable for mounting on machine tables with T-slots or threaded holes. The central hole ensures concentric alignment. The baseplate has alignment slots in the longitudinal and transverse directions. However, the 5-axis clamping system can also be applied to any grid elements or directly to zero point clamping systems. In this case, the clamping physics and intelligent force distribution ensure that only limited torques are transferred to the machine table.

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**Deeplinks:**

<https://www.kippwerk.de/de/de/News/KIPP-News/KIPPflexX-Ein-flexibler-5-Achs-Spanner-mit-zwei-Funktionen.html>

**Additional information and press photos**

See www.kipp.com, Region: Germany, Category: News / Press area

**Meta-Title:** KIPPflexX: 5-Achs-Spanner von KIPP mit zwei Funktionen

**Meta-Description:** KIPP hat auf Basis des 5-Achs-Spanners kompakt das neue Spannsystem KIPPflexX auf den Markt gebracht. Find out more now.

**Keywords:** Spanntechnik, 5-Achs-Spanner, 5-Achs-Fräsmaschine, Rohteilspannung, Niederzug-Funktion, KIPP

**Download-Area:**

<https://www.kippwerk.de/de/en/Products/Clamping-technology.html>

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