

Press Release

Joachim Uhing GmbH & Co. KG
Konrad-Zuse-Ring 20
24220 Flintbek, Germany
Contact person: Wolfgang Weber

Expansion Spool PI 21-01

Ph.: +49 (0) 4347 – 906 – 0

Fax: +49 (0) 4347 – 906 – 40

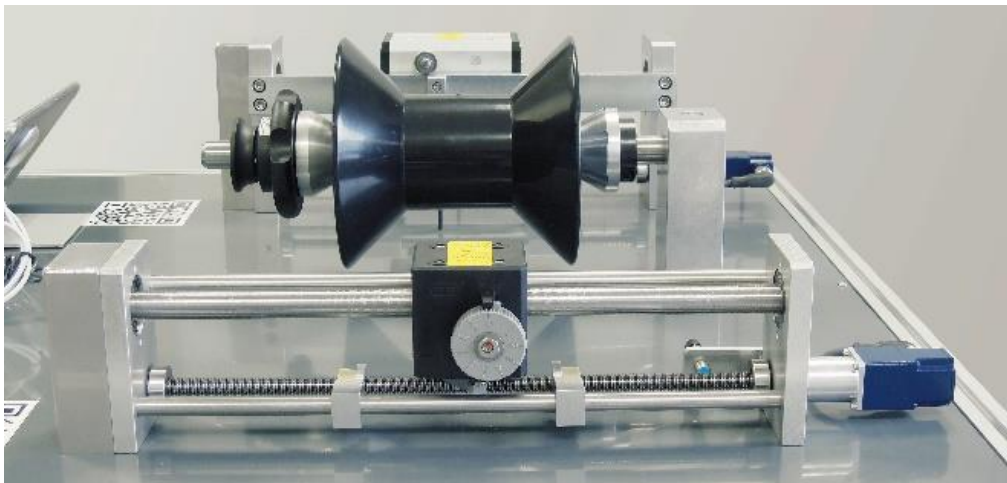
Ph. +49 (0) 4347 – 906 – 22

Email: weber@uhing.com



Little brother in great shape

20 years KINEMAX KI-6 – UHING's first rolling ring drive in a plastic housing



Rolling ring drives are friction drives which convert the constant rotary movement of a plain shaft into a traversing movement. This is the key feature of the Uhing® rolling ring principle. These advantages have already proven themselves under the extreme conditions of the Antarctic. But Uhing rolling ring drives are also used in less demanding environments – where big brothers fail, for example.

This is not a novelty: There was always a multitude of application areas for the tried and tested Uhing rolling ring drive to meet varying customer requirements and areas of application. Customers always had the choice among mechanical, electromagnetic or pneumatic switch-over and between delayed and instantaneous switch-over: But sometimes, higher, faster, bigger is not the solution – but on the contrary, the tiny and lightweight.

Our biggest drive for 80 mm shafts features a maximum thrust force of 3,600 N. But often, the display of brute force is not the solution for every problem. The little brother of the tried and

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tested Uhing rolling ring drives was introduced for winding and traversing applications 20 years ago and more than earned its spurs. KINEMAX KI-6 offers a standard shaft diameter of 15 mm and is particularly suited for short strokes and low forces. Customers having special requirements such as little space are regularly enthusiastic. Because the little brother does it just like its big brother. And in Uhing's proven rolling ring quality.

The KINEMAX KI-6 benefits are obvious:

- Available as gear or as drive
- With reversal mechanism and mounting plate as versatile as its big brothers
- Very little space required
- Low dead weight of 280 g
- Max. pitch of 6 mm is fully sufficient for many standard applications
- Especially suited for winding thin wires

The first version on a plain shaft was introduced in 1952 when the Uhing rolling ring drive was invented. This technology proved to be successful since then. Because scalability is the key to a good principle's growth. Wolfgang Weber, Managing director: "Little Max is our smallest one. But it's also a big shot in the family of Uhing rolling ring drives!"