

T- PUR – The new heart of ROTEX®

3/2011

Worlds first at the Hannover Fair: The revolutionary characteristics of T-PUR make ROTEX® even more powerful. After more than 40 years of ROTEX®, T-PUR is another milestone in the development of flexible couplings offering the user totally new options.

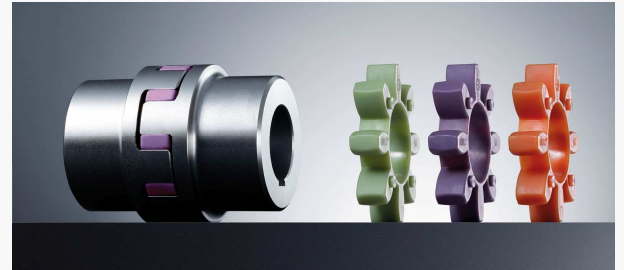
The trademark ROTEX® represents a synonym of high-quality flexible jaw couplings throughout the world. The operating conditions of the ROTEX® suitable for universal applications make permanently higher demands on the material. The power density increases while the mounting space is becoming smaller. In addition, the user expects a high-performance coupling to have a long service life which allows to increase the maintenance cycles and reduce the life cycle costs. In many cases machines and plants are used in regions the conditions of which almost cannot be compared to central European conditions.

In the past these demands made the materials meet their limits or even exceed them in part so that expensive special materials had to be used. After three years of intensive development work and long field tests the KTR engineers managed to revolutionize ROTEX® and as a consequence the coupling technology by the material T-PUR:

- Extending the application range by more than 40%
 - Permanent temperature up to + 120 °C
 - Short-term max. temperature up to +150 °C
 - Low temperature down to -50 °C
- Significantly improved dynamic properties
- Increasing the expected service life considerably under extreme conditions

=> everything at a standard price!

ROTEX® spiders made of T-PUR are available in the well-known kinds of hardness 92 Sh-A, 98 Sh-A and 64 Sh-D. From ROTEX® size 100 the low-cost DZ element (double tooth element) is stored.



The new spider T-PUR will be presented to the broad public on the occasion of this year's Hannover fair in **hall 25, booth D25** for the first time. From that date onwards the spider T-PUR will be available in all sizes and all kinds of hardness.

For questions about T-PUR, please consult with Mr. Michael Brüning:



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Further details about the spider material T-PUR are available at: www.ktr-stop-and-go.com.