

PRESS RELEASE

KTR product innovation for the corrosion-free use

Rheine, August 07, 2015. **KTR has extended the ROTEX® coupling family with a further variation for applications in corrosion-endangered areas: The new ROTEX® offers a high-quality KTL-layer and achieves corrosive category C4-long according to DIN EN ISO 12944. KTR will present this product innovation at the FMB–Zuliefermesse Maschinenbau in Bad Salzufen from November 4-6, 2015 (hall 20, booth G4) for the first time.**

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The new ROTEX® with KTL-layer.

The standard hub material of the new ROTEX® is from steel. The protective layer was applied with a cathodic dip coating (KTL), also called cataphoresis. The result is a consistent layer thickness with a very good surface quality and high temperature resistance. This environmentally friendly process offers excellent corrosion properties and guarantees a high fit accuracy of the hubs.

To define the corrosion protection class KTR ran a salt spray test for 1,000 hours. As a result the new ROTEX® variation can be assigned to corrosive category C4-long according to DIN EN ISO 12944 and is thus predestined for use under strongly atmospheric environmental conditions like industrial climate,

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production facilities with chemical exposures or coastlines with moderate salt water exposure.

The ROTEX[®] with KTL-layer is available in the sizes 19 to 125 and available from stock as a standard with pilot bored hubs. The flexible jaw-type coupling offers an axial plug-in, is maintenance-free, offers good dynamic properties, excellent vibration damping, as well as low moments of inertia with high torque transmission. Furthermore, the precise machining has a positive influence on the running properties of the coupling and its expected lifetime is considerably increased.

The ROTEX[®] with KTL-layer is available ex works with the high temperature resistant spider material T-PUR[®] - available in three degrees of shore hardness.

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