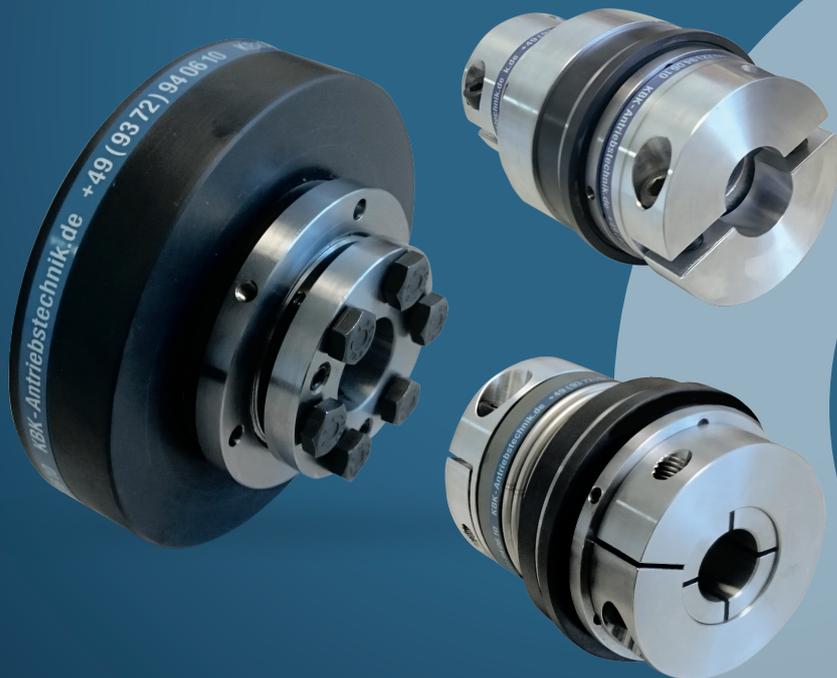


SAFETY COUPLINGS - PROTECTION AGAINST EXCESSIVELY HIGH TORQUES

Three new designs complete the product range of KBK Antriebstechnik



THE BRAND NEW SAFETY COUPLINGS BY KBK:

With metal bellows, axially pluggable, aluminum-based lightweight design

- Simplified installation
- Large bore diameters

Half shell type with metal bellow or elastomer insert

- Simplified installation
- First adjust, then install

Mechanically disengaging safety coupling for manual engaging

- Less wear and tear
- Ideal for test stands
- Tool-free engagement

THE SAFETY COUPLINGS BY KBK ANTRIEBSTECHIK HAVE BEEN IMPROVED IN MANY RESPECTS AND THE PRODUCT RANGE HAS BEEN COMPLEMENTED BY SOME NEW VERSIONS. THE SAFETY COUPLINGS WITH METAL BELLOWS ARE ALSO AVAILABLE IN AN AXIALLY PLUGGABLE VERSION. THE SOLID PLUG SYSTEM IN ALUMINUM LIGHTWEIGHT DESIGN SIMPLIFIES THE INSTALLATION AND ALLOWS LARGE BORE DIAMETERS.

The new design in half shell type is unique in the safety couplings segment. The main-focus is the quick and simple assembly and disassembly. The mechanic is able to align the shafts properly before installing the coupling, equipped with metal bellows or elastomer-spiders, and then adjust the limit-stop-switch.

The third innovation concerns the engaging mechanism: The previous versions (C and D) engaged synchronically at one or more points. Now KBK has designed a disengaging safety coupling (version F) which has proven effective, especially at higher speeds. It does not re-engage automatically and therefore it is less liable to wear out. It is particularly aimed at users who build and operate test stands and has the same dimensions and performance data as the previous versions. The safety coupling must be re-engaged manually but allows a precise adjustment and can be usually re-engaged tool-free due to its low engagement force.

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