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## **Press release for torque limiter series SK3**

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### **Precision Safety coupling Series SK 3 with conical clamping hub**

Taking up the challenge for greater technical demands in modern machine design and construction, R+W has developed the unique patented Model **SK3** Safety coupling.

Torque overload protection is often overlooked in machine design until something jams resulting in expensive damage and down time. The R+W Series **SK3** safety coupling was developed specifically for this purpose. It uses a patented ball detent system that is absolutely backlash free and will disengage within 1 to 3 milliseconds when an overload is detected.

Four versions are available including a single position, multi-position, load holding, and full disengagement. These couplings are preset in the factory to a customer specified disengagement torque and can be adjusted in the field after installation.

These unique couplings are manufactured with a stainless steel bellow exhibiting very high torsional rigidity with zero backlash. The important feature of this design is the fact that the bellow can compensate for axial, angular, and lateral misalignment simultaneously while also providing torque overload protection. The conical clamping hub provides the highest shaft holding strength and incorporates integrated back-off screws for dismounting.

The **SK3** couplings are available for a torque range of 5 to 2500 Nm. Both shaft hubs are custom bored for shaft sizes of 10 to 70 mm (0.39 to 2.76 in.).

Contact R+W Antriebselemente GmbH at 0049/9372/98640 for more information or visit our website at [www.rwcouplings.com](http://www.rwcouplings.com)