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### **Press release for torque limiters out of stainless steel**

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#### **Precision Safety coupling Series SK1 in Stainless Steel**

Taking up the challenge for greater technical demands in modern machine design and construction, R+W has developed the unique patented Model **SK1** Safety coupling in **Stainless Steel**. Ideal for clean room or wash down applications in the packaging, food processing, and medical industries.

Torque overload protection is often overlooked in machine design until something jams resulting in expensive damage and down time. The R+W Series **SK1** 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 free wheeling. These couplings are preset in the factory to a customer specified disengagement torque and can be adjusted in the field after installation.

The **SK1** can be integrated into timing pulleys, sheaves, and sprocket wheels for a torque range of 0.2 to 1500 Nm (1.8 to 13,275 in. lbs.). It is shaft mounted using a clamping hub, taper conical sleeve or a pure keyway connection for shaft sizes from 4 to 70 mm (0.16 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)