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Press release for press fit couplings series BK6

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Precision Press-Fit Couplings Model BK6 for Axial mounting

Taking up the challenge for greater technical demands in modern machine design and construction, R+W has developed the unique **BK6** axial mounting series of Bellow Couplings.

This coupling features a unique keyed tapered hub design allowing it to be quickly mounted and dismounted. When the two coupling halves are properly pretensioned this coupling is torsionally rigid with zero backlash. The stainless steel bellow compensates for axial, angular, and lateral misalignment simultaneously making this one of the most versatile couplings on the market.

Conventional hub designs incorporate a tightening screw requiring the assembler to access the coupling through a hole in a flange in order to assemble it to a shaft. Often in a break-down maintenance situation the tightening screw does not line up with the flange access hole making it nearly impossible to disassemble the coupling from the drive shaft. The BK6 is the perfect solution in this situation. The bellow also isolates the shaft bearings of the drive and driven elements from any side loading due to misalignment, thus extending their service life.

These torsionally rigid, low moment of inertia, couplings are specifically suited for high dynamic servo applications like NC and CNC machine tools, robotic drives, linear actuators, etc.

The shaft hubs are custom bored on each side for shaft sizes from 10 to 60 mm (0.39 to 2.35 in.) with or without keyways. Sizes are available for torque capacities ranging from 15 to 500Nm (133 to 4,425 in. lbs.).

Contact R+W Antriebselemente GmbH at 0049/9372/98640 for more information or visit our website at www.rwcouplings.com