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ExpaTen 2 – The Optimal Flange Connection for misaligned Flange Bores

Based on many years of experience in the area of flange connections and the success of the ExpaTen-Bolt, this technology has achieved an upgrade: ExpaTen2 is the optimal flange connection for misaligned flange bores.

A specifically developed and constructed unit of measurement covers the difference in the borehole, is software-controlled supported and offers the basis for the highly precise and exact production of welded cones. In doing so, adjustments, such as offsetting the diameter and angles, play an important role in that this custom-made cover provides the bolt with the optimal conditions for a snug and secure connection.

At the same time, the ExpaTen 2 lies on two separately controllable pressure connector points, which are able to precisely create the required forces.

ExpaTen 2 reduces downtime for maintenance and repairs and therefore costs. ExpaTen2 eases the assembly and disassembly of difficult to access components. A bore correction on the on-site flange, therefore, is no longer required.

All of the known benefits of the ExpaTen-Bolt, such as the snug torque-transmission by way of 100% form and friction connection, now carry over to the misaligned flange borings as well.