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**Safety plus ring torque transmission
Easy detachable and reusable bolts for
flange connections which are subject to high stress**

Schaaf, Erklenz, is leading the way with ExpaTen bolts in order to revolutionize detachable flange connections of propulsion shafts of the shipbuilding industry. Standard bolts usually get stuck after a while in a flange and can only be loosened under great effort. This is where ExpaTen comes in. Not only are the bolts 100% non-positive and form fitting, which allows to transfers high torque, but even after high stress they can be easily disassembled and reused. The bending and rotating resistant connection absorbed shock like changes of revolutions, torque as well as turning direction dependently. The bolts can be installed even in small areas due to the compact construction. The system is made of heat treated steel, which is a safety plus during torque transfer. The safety factor in comparison to regular screws is 5.

ExpaTen is easy to handle since all tools and hydraulic high-pressure pumps for assembly and disassembly are adjusted to the system. ExpaTen lessens the waiting period for maintenance and repair work and significantly lowers cost. ExpaTen is certified by well-known buyers.

Captures

