

Installation instructions for flat gaskets

1. cleaning and checking

All impurities on sealing surfaces, screws or bolts, nuts and washers must be removed. In particular, the sealing surfaces must not be damaged. An appropriate tool must be used. Screws, nuts and washers must be checked for cracks. Check the sealing surfaces for warping and radial scratches. Damaged components must be replaced. The flat gasket used must correspond to the specification in terms of material and dimension.



2. installation of the flat gasket

The gasket is inserted smoothly into the gasket gap. The flanges must be aligned without applying any significant force and the sealing surfaces must be plane-parallel to each other. Any questionable deviation from the ideal alignment must be reported. The gasket must be well centred by the screw bolts and installed clean, dry, free of grease and without so-called "sealing aids".



Attention: especially graphite gaskets must be used absolutely dry!

3. lubricate and tighten the screws

If possible, a suitable lubricant should be applied to the bolt thread and bolt underhead, but it must never contaminate the seal and sealing surface. The use of nitrided washers is recommended. The screws are always tightened "crosswise". At least three passes should be used after "hand-tightening" (caution: especially with graphite gaskets, never over-tighten the first screw), increasing the tightening torque from approx. 40 to 75 to 100%. Finally, each screw should be checked once again in turn in a clockwise direction. once more.



4. Note also

Never retighten elastomer-bonded asbestos-free seals after they have already been exposed to high temperatures. Any retightening must only be carried out at ambient temperature and without pressure. Dismantled soft material gaskets must not be reused.



Your NT K+D AG team wishes you a successful installation.

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