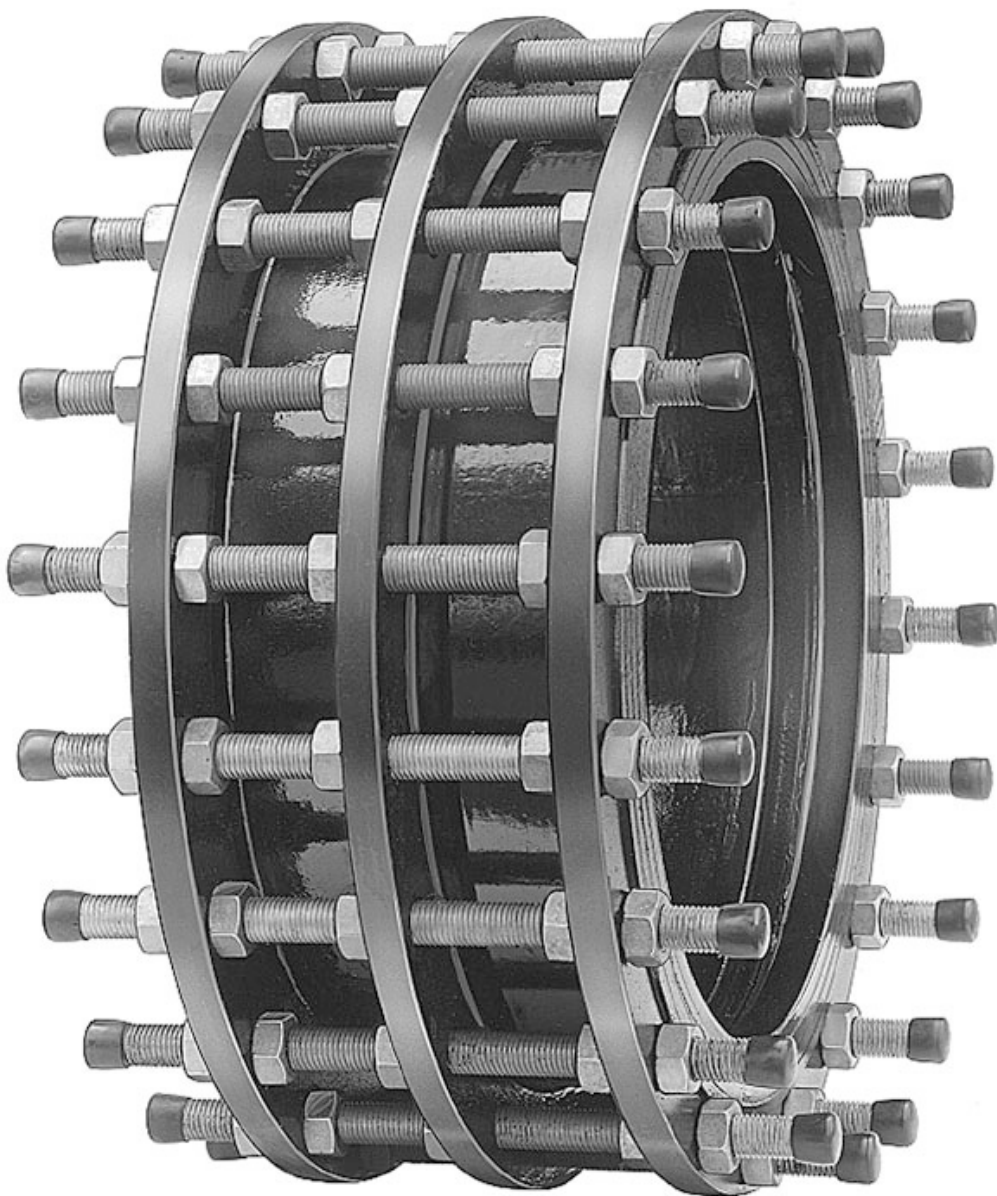


VAG rigid Dismantling Joint with continuous threaded bolt on both sides



1. General

The dismantling pieces are rigid and transmit the full axial thrust of the pipeline as a rigid pipe connection.

The dismantling pieces has to be, as delivered, put into the going away pipe, where the counter flanges must be fix and parallel. The seals must be centered and screwed to the counter flanges at both ends.

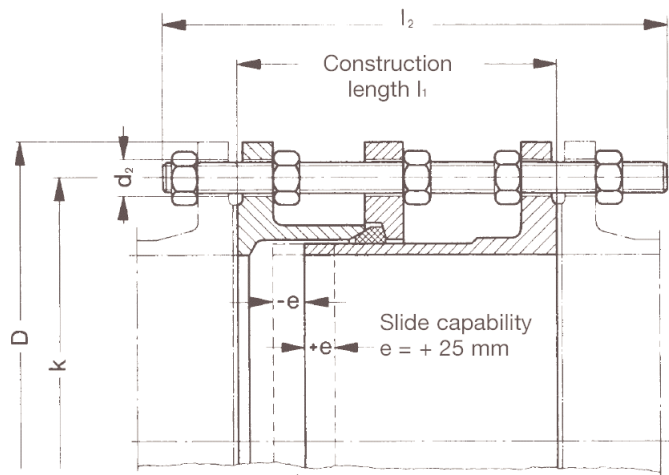
Changing the length or the angle is not possible during operation. When the dismantling piece has been assembled, the axis can be adjusted by ± 25 mm and an angular adjustment by ± 1.5 degrees is possible in central position.

This type of dismantling piece is always equipped with connection flanges on both sides having the same bores and the same bolt circle.

If the adjusted face-to-face length is to be changed, the nuts of the pressure ring must be unfastened; the counter-nuts on the flanges must be adjusted as required and the piece must be lengthened or shortened to obtain the desired dimension. Then the flange connections must be assembled or fastened first and then the pressure ring.

Intermediate flange assembly is also possible - this involves more time - if the length is sufficient to disassemble and reassemble the threaded bolts and nuts.

For this method of assembly, the threaded bolts must be moved backwards on one side until sufficient space for installation is available or the threaded bolts must be disassembled completely and reassembled after the installation of the dismantling piece.



2. Assembly

According to the standard face-to-face length in central position, the dismantling pieces are delivered in pre-assembled state. (Deviations from the face-to-face length and adjustability are possible upon request).

When installing the dismantling piece in the continuous pipeline conduit, the adjusted face-to-face length should not be changed considerably.

3. Profile Gaskets

The elastic profile gaskets used here are made of acrylonitrile-butadiene rubber (NBR) and have sealing volumes proportional to the size of the dismantling piece.

The profile gasket absorbs the main tension differences and transfers tension peaks due to its elasticity and elastic deformation properties (Poisson ratio of approx. 0.5).

Elastic seals should therefore only be pre-tensioned until tight sealing is achieved and/or should be re-tensioned after deformation.

4. Maintenance

If assembled properly, dismantling pieces do not require any maintenance. This does not include the corrosion protection cover whose wear and tear depends on the exterior and interior stress it is exposed to.



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