

KRAUSZ®

a MUELLER brand

KRAUSZ DISMANTLING JOINT (DN80-DN600) INSTALLATION INSTRUCTIONS

WARNING



Caution: This product is not intended for use on natural gas piping, or any other type of gas piping. To do so could result in escaping gas that could ignite and cause property damage, serious injury or death.

IMPORTANT

- **Do not disassemble the DISMANTLING JOINT.**
- **Do not lubricate the bolts.**
- **The DISMANTLING JOINT connects** valves, pumps, meters and pipe assemblies, quickly and easily, for replacement or maintenance purposes.



JOIN



REPAIR



RESTRAIN



TAP

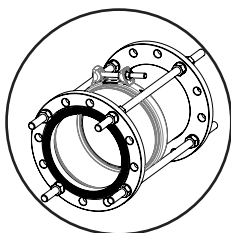
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STEP 1: CHECK PARTS

Check the Krausz Dismantling Joint's parts to ensure no damage occurred during transit and that no parts are missing.

Make sure that the distance between the 2 flanges matches the minimum-maximum expansion capabilities of the Dismantling Joint, as indicated on the product label.

NOTE: Sizes DN80-DN250 have 1-bolt end ring. Sizes DN300-DN600 have 2-bolt end ring.



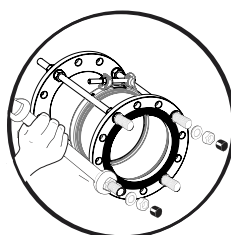
STEP 2: FLANGE TYPE

Ensure the mating flanges match the flange type of the Dismantling Joint.

STEP 3: MOVE THE PRODUCT INTO POSITION

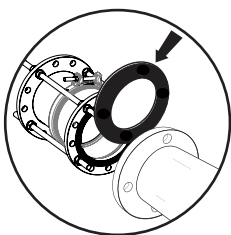
Move the Dismantling Joint into position between the mating flanges.

Remove the outer nuts of the tie-rods on both sides and insert the rods into holes in one flange.



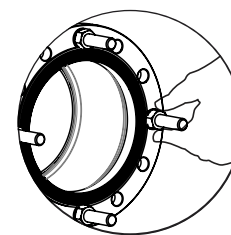
STEP 4: INSERT FLANGE GASKET

Insert the proper-sized flange gaskets (not provided) between the flange faces on both sides. Using flange bolts, fasten the flange coupling end of the dismantling joint to one of the mating flanges on the side where you inserted a flange gasket.



STEP 5: OUTER NUTS

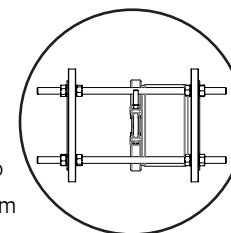
Place the outer nuts on the other side of the flange.



STEP 6: ATTACH THE DISMANTLING BOLTS

Expand the Dismantling Joint until both flanges are flush.

Insert the second flange gasket into position. Attach the Dismantling Joint to the opposite mating flange in your system and fasten together with flange bolts.

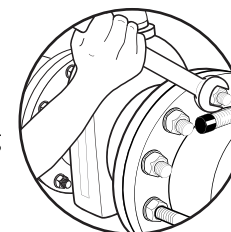


STEP 7: TIGHTEN THE INNER NUTS

Tighten the inner nuts against the flanges on both sides.

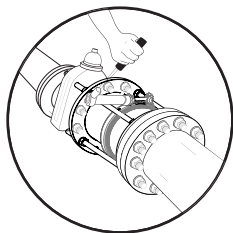
NOTE: Without the tie-rods in place, the product is NOT RESTRAINED.

Each tie rod will have a total of 4 nuts when assembled. Insert additional bolts and nuts through the remaining holes in the flanges to tighten the Dismantling Joint to both flanged products.



STEP 8: TIGHTEN THE BOLT ON THE END RING

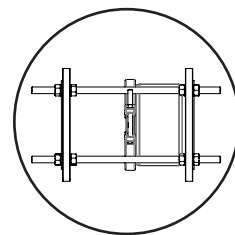
Tighten the bolt on the end ring (in sizes DN80-DN250). On sizes DN300-DN600, cross-tighten the bolts evenly on each side of the end ring. Tighten the end ring bolts to the right torque as indicated on the label.



NOTE: Use of torque wrench is mandatory. The torque wrench will verify the proper torque has been achieved.

STEP 9: RECHARGE

Recharge the line and check for leaks. If any leakage across the seal end is evident, reduce the pressure in the line and increase the labeled torque of the end ring bolts by up to 50%*.



*In exceptional cases, where increasing bolt torque beyond standard declaration is required, contact your KRAUSZ local representative for more information.

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