



DDJ10 Dismantling Joint

Product Description

The DDJ10 Dismantling Joint is a robust double-flanged fitting designed to facilitate easy adjustment and maintenance within flanged pipe systems. With its capability to adjust longitudinally by ± 25 mm from the center position, the DDJ10 Dismantling Joint simplifies the installation and removal of flanged valves, making it a versatile solution for various industrial applications.

Application Areas

DDJ10 Dismantling Joints are widely used in various industrial and commercial applications.

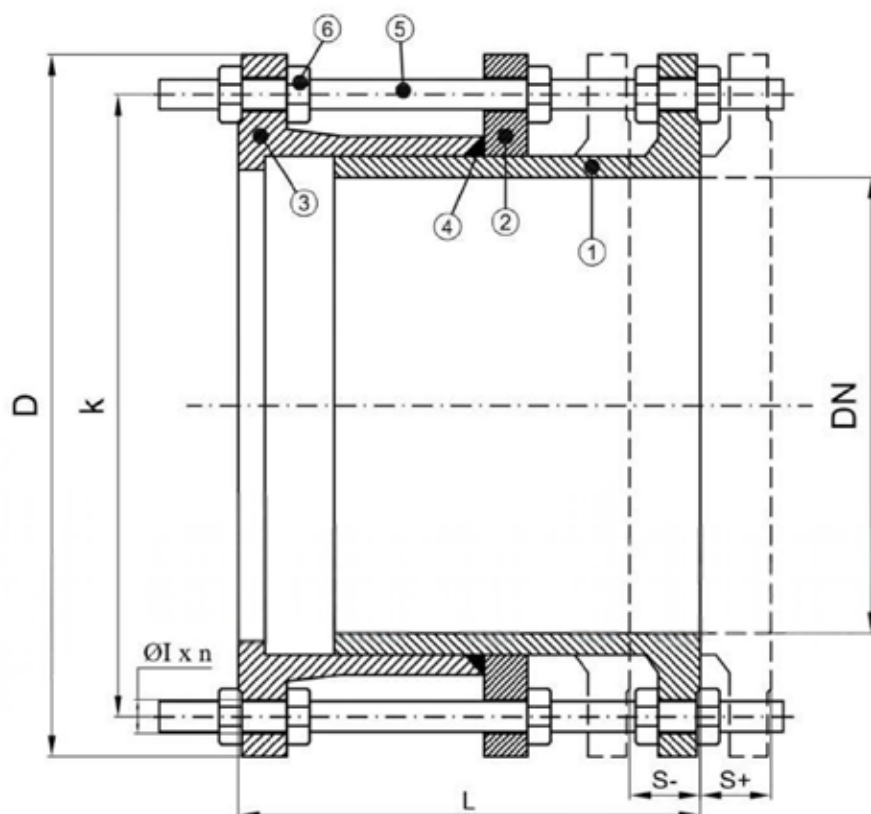
1. Water Supply Systems
2. Wastewater and Sewer Systems
3. HVAC (Heating, Ventilation, Air Conditioning) Systems
4. Fire Protection Systems
5. Pumping Stations
6. Chemical and Pharmaceutical Industries
7. Oil and Gas Industry
8. Power Plants
9. Agricultural Systems

In these areas, DDJ10 Dismantling Joints play a crucial role in controlling fluid flow, ensuring sealing integrity, and enhancing efficiency and safety in operations.

Production Standards

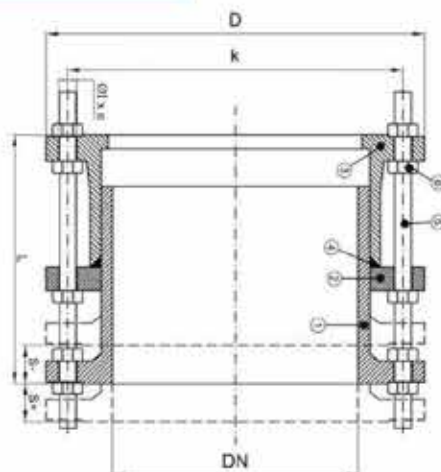
Nominal Dimension (DN)	DN 40 - DN 2000
Nominal Pressure (PN)	PN 6 - PN 10 - PN 16 - PN 25 - PN 40
Operating Temperature	EPDM -40° / +110°
	NBR -20° / +80°
	VITON -20° / +200°
Connection	EN 1092-2 ISO7005-2 Flanged
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1

Material Specifications



NU	PART NAME	MATERIAL
1	Long Part	EN GJS 500 - Ductile Iron
2	Middle Flange	EN GJS 500 - Ductile Iron
3	Short Flange	EN GJS 500 - Ductile Iron
4	Gasket	EPDM - NBR - VITON
5	Threaded Rod	8.8 Galvanized - Stainless Steel
6	Nut	8.8 Galvanized - Stainless Steel

Dimensions

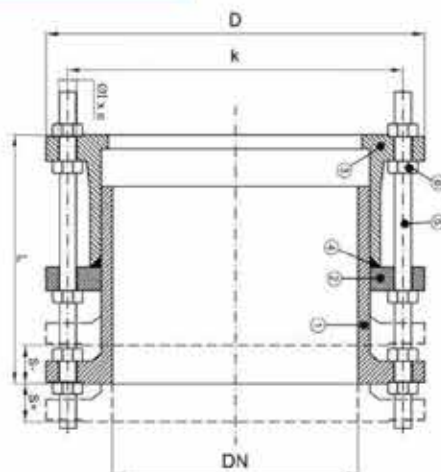


PN10

DN	D	k	lxn	L	Weight (Kg)
40	150	110	19x4	140	8
50	165	125	19x4	140	11
65	185	145	19x4	150	15
80	200	160	19x8	205	17
100	220	180	19x8	205	19
125	250	210	19x8	205	23
150	285	240	23x8	205	30
200	340	295	23x8	225	40
250	395	350	23x12	225	54
300	445	400	23x12	235	62
350	505	460	23x16	235	89
400	565	515	28x16	235	113
450	615	565	28x20	255	132
500	670	620	28x20	265	146
600	780	725	31x20	265	184
700	895	840	31x24	265	226
800	1015	950	34x24	295	308
900	1115	1050	34x28	295	350
1000	1230	1160	37x28	295	419
1100	1355	1270	37x32	305	560
1200	1455	1380	41x32	325	632
1300	1585	1490	42x32	375	750
1400	1675	1590	44x36	365	836
1500	1820	1700	44x36	385	899
1600	1915	1820	50x40	395	1248
1800	2115	2020	50x44	455	2350
2000	2325	2230	50x48	455	2650

*The values provided in our table are in millimeters (mm).

Dimensions

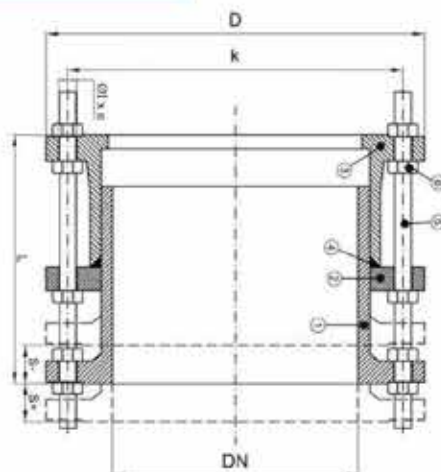


PN16

DN	D	k	l _{xn}	L	Weight (Kg)
40	150	110	19x4	140	8
50	165	125	19x4	140	11
65	185	145	19x4	150	15
80	200	160	19x8	205	17
100	220	180	19x8	205	19
125	250	210	19x8	205	23
150	285	240	23x8	205	30
200	340	295	23x12	225	44
250	405	355	28x12	235	63
300	460	410	28x12	255	76
350	520	470	28x16	265	107
400	580	525	31x16	275	137
450	640	585	31x20	275	163
500	715	650	34x20	285	212
600	840	770	37x20	305	288
700	910	840	37x24	305	302
800	1025	950	41x24	325	399
900	1125	1050	41x28	325	463
1000	1255	1170	44x28	345	600
1100	1355	1270	44x32	345	659
1200	1485	1390	50x32	365	908
1300	1585	1490	50x32	375	1050
1400	1685	1590	50x36	385	1114
1500	1820	1710	57x36	415	1476
1600	1930	1820	57x40	405	1671
1800	2130	2020	57x44	455	2520
2000	2345	2230	62x48	465	3168

*The values provided in our table are in millimeters (mm).

Dimensions

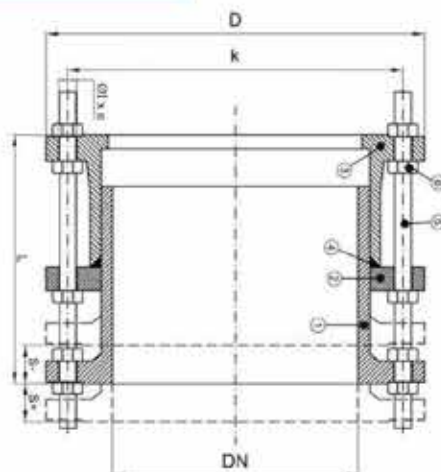


PN25

DN	D	k	lxn	L	Weight (Kg)
40	150	110	19x4	150	8
50	165	125	19x4	150	11
65	185	145	19x8	150	16
80	200	160	19x8	205	17
100	235	190	23x8	225	26
125	270	220	28x8	225	37
150	300	250	28x8	235	40
200	360	310	28x12	235	60
250	425	370	31x12	255	82
300	485	430	31x16	255	108
350	555	490	34x16	275	158
400	620	550	37x16	295	199
450	670	600	37x20	295	227
500	730	660	37x20	305	249
600	845	770	41x20	325	348
700	960	875	44x24	345	452
800	1085	990	50x24	365	629
900	1185	1090	50x28	385	789
1000	1320	1210	57x28	405	850
1100	1420	1310	57x32	405	900
1200	1530	1420	57x32	455	1300
1300	1640	1530	57x32	455	-
1400	1755	1640	62x36	495	-
1500	1865	1740	62x36	495	-
1600	1975	1860	62x40	495	-
1800	2195	2070	70x44	545	-
2000	2425	2300	70x48	545	-

*The values provided in our table are in millimeters (mm).

Dimensions



PN40

DN	D	k	lxn	L	Weight (Kg)
40	150	110	19x4	150	11
50	165	125	19x4	150	12
65	185	145	19x8	150	16
80	200	160	19x8	205	17
100	235	190	23x8	225	26
125	270	220	28x8	225	37
150	300	250	28x8	235	40
200	375	320	31x12	240	79
250	450	385	34x12	260	114
300	515	450	34x16	290	155
350	580	510	37x16	290	193
400	660	585	41x16	340	290
450	685	610	41x20	340	310
500	755	670	44x20	380	410
600	890	795	50x20	390	660
700	995	900	50x24	420	762
800	1140	1030	57x24	450	1221
900	1250	1140	57x28	480	1510
1000	1360	1250	57x28	500	-
1100	1470	1180	57x28	520	-
1200	1575	1460	62x32	530	-
1300	1685	1570	62x32	550	-
1400	1795	1680	62x32	560	-
1500	1910	1790	70x36	560	-
1600	2025	1900	70x40	580	-
1800	-	-	-	-	-
2000	-	-	-	-	-

*The values provided in our table are in millimeters (mm).

Product Features

1. Double-Flanged Design:

- **Secure Connection:** Equipped with flanged ends to ensure a secure and leak-proof connection with standard flanged pipe systems.
- **Compatibility:** Suitable for a wide range of pipe sizes and flange standards.

2. Adjustable Length:

- **Longitudinal Adjustment:** Allows for ± 25 mm longitudinal movement from the central position, enabling precise alignment and easy installation or removal of components.
- **Flexibility:** Facilitates adjustments to accommodate minor variations in pipe alignment.

3. Durable Construction:

- **High-Quality Materials:** Manufactured from robust materials such as stainless steel or carbon steel, providing excellent durability and resistance to corrosion and wear.
- **Long-Lasting Performance:** Designed to withstand the demands of industrial and municipal environments.

4. Ease of Maintenance:

- **Simple Installation and Removal:** Streamlines the process of installing, removing, and servicing flanged valves and other pipeline components.
- **Reduced Downtime:** Helps minimize operational interruptions by simplifying maintenance procedures.

5. Versatile Applications:

- **Wide Range of Uses:** Ideal for water treatment plants, sewage and wastewater treatment facilities, power generation plants, pumping stations, industrial processing facilities, HVAC systems, mining operations, municipal infrastructure, and the oil and gas industry.
- **Adaptability:** Can be used in various pipeline systems and environments.

6. Gasket Sealing:

- **Leak-Proof Seal:** Equipped with high-performance gaskets to ensure a reliable, leak-proof seal and maintain system integrity.
- Gasket Options: Available with various gasket materials to suit different operating conditions and media.

7. Standard Compliance:

- **Industry Standards:** Designed to meet relevant industry standards and regulations, ensuring compatibility and safety across various applications.

8. Customizable Options:

- **Size and Pressure Ratings:** Available in various sizes and pressure ratings to meet specific operational requirements.
- **Custom Solutions:** Can be customized to fit particular project needs or specifications.

9. Corrosion and Wear Resistance:

- **Enhanced Longevity:** Features coatings or treatments to resist corrosion and wear, extending the product's operational life.

10. Operational Efficiency:

- **Reduced Maintenance Time:** Facilitates quick adjustments and servicing, contributing to overall system efficiency and reliability.



Installation Guide

1. Inspect Components:

- **Verification:** Check all components of the Dismantling Joint for any transit-related damage or missing parts. Ensure that all parts are present and in good condition before starting the installation.

2. Check Mating Flanges:

- **Alignment:** Verify that the mating flanges are properly aligned with the drilling of the Dismantling Joint. Ensure that they are axially aligned and parallel to each other.

3. Prepare the Dismantling Joint:

- **Free Movement:** To allow the spool piece to move freely within the Flange Coupling body, remove the tie-rods from the Dismantling Joint and release the end ring bolts.

4. Position the Dismantling Joint:

- **Placement:** Move the Dismantling Joint into position between the mating flanges. Insert a flange gasket (not provided) between the flange faces.

- **Attachment:** Secure one of the mating flanges to the flanged coupling end of the Dismantling Joint using flange bolts. Depending on the situation, the tie-rods may need to be installed concurrently with the flange bolts.

5. Attach the Flanged Spool:

- **Connection:** Attach the flanged spool to the opposite mating flange in your system. Fasten the connection using flange bolts. Ensure the spool piece is inserted at least [specify distance] millimeters inside the flange coupling body.

6. Center the Pipe Spool:

- **Alignment:** After bolting the flanges together, center the pipe spool component with the flanged coupling. If the coupling was fully dismantled, ensure the beveled edge of the gasket fits the beveled end of the flanged coupling.

- **End Ring:** Position the end ring and hand-tighten the end ring bolts.

7. Install Tie Rods:

- **Placement:** Insert the tie-rods through the Dismantling Joint's flanges on both ends. Note that the fitting is NOT RESTRAINED without the tie-rods in place. Each tie-rod will require four nuts. Install the nuts after positioning the tie-rod, ensuring that all tie-rods are of equal length.

- **Torque:** Torque the nuts holding the flanges in place before tightening the nuts on the end ring.

8. Tighten End Ring Bolts:

- **Even Tightening:** Tighten the end ring bolts evenly by alternating diametrically opposite positions. Allow the bolts to settle for approximately 10 minutes, then re-torque them to ensure proper sealing.

9. Final Checks:

- **Inspection:** Perform a final inspection to ensure all components are securely fastened and the joint is correctly installed. Verify that there are no leaks and that the alignment is correct.

