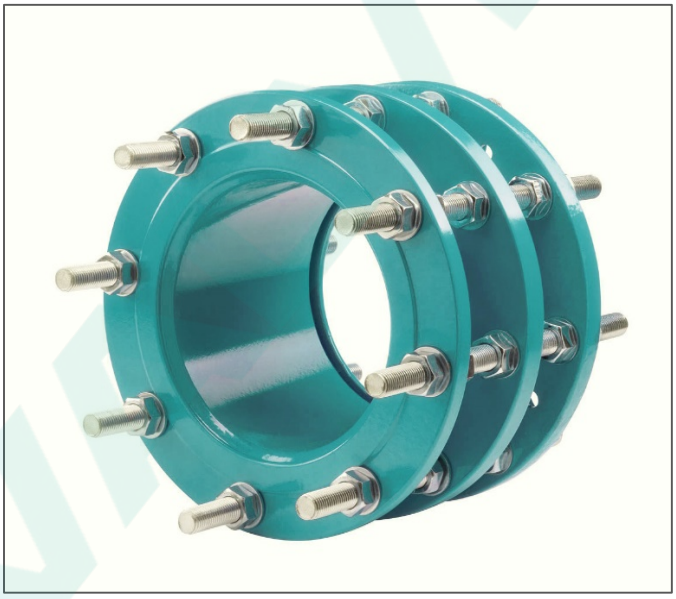
Dismantling Joints

Features

- The Dismantling Joint can be installed with a spanner and a torque wrench.
- Dismantling Joints are supplied with high tensile steel tie bars which means fewer tie bars are required, consequently there are fewer tie bars than flange holes, making installation faster and simpler. The tie bars supplied with the Dismantling Joint also act as flange jointing bolts, reducing the number of flange bolts required.
- The gasket of the Dismantling Joint is compressed independently of the tie bars. Compression of the gasket is achieved by following standard flange adaptor installation procedures, speeding installation. It also allows for a socket and torque wrench to be used, ensuring that sealing failure cannot occur as the gasket is compressed to the required torque.
- Dismantling Joints are available in any nominal size from DN100 and larger with most common flange drillings. Dismantling Joint specials for specific project requirements can also be produced.
- All Dismantling Joints are fully end load resistant and have a pressure rating equal to that of the flange.
- For applications where a full face flange is required, the flange of the spigot piece provides a full flange sealing area.
- Dismantling Joints are fitted with grade E (EPDM) water quality gaskets as standard. For other applications or alternatives, please ask for details.
- Body material Ductile iron or carbon steel.
- Flange standard EN 1092-2
- Pressure class PN10, PN16, PN25, PN40, PN64
- Measurement DN100-DN2000
- Studs and nuts Stainless steel or galvanized steel
- Body surface min. 200 micron epoxy coated



Description

The Convalve Flanged restrained dismantling joints are double flanged fittings that allow longitudinal adjustment in flanged pipe systems. They have been developed to provide greater flexibility at the planning and installation stages of flanged pipe systems and also for subsequent maintenance.

The Convalve Flanged restrained dismantling joints are particularly suitable for simplifying the installation and removal of all kind of valves, pumps and flanged pipes and fittings. Typical applications include pumping stations, water treatment works, sewage treatment works, plant rooms, meter chambers, power generation equipment and gas distribution stations.

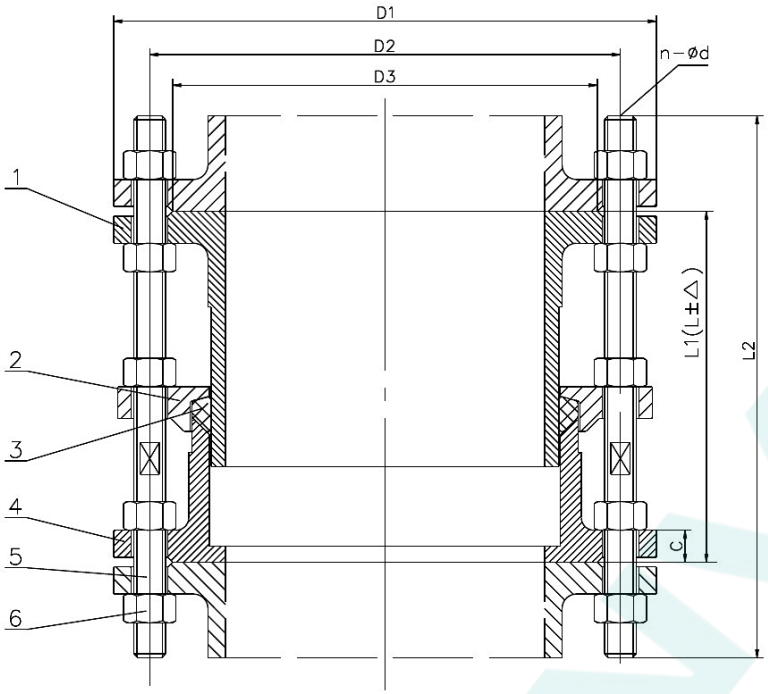
Applications

The Dismantling Joint is particularly suitable for simplifying the installation and removal of:

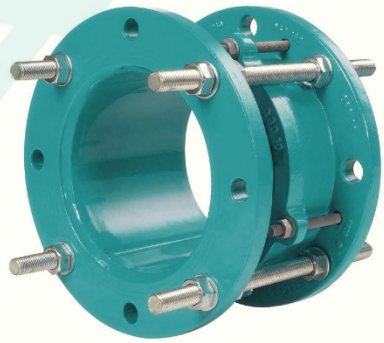
- Isolation valves
- Non return valves
- Flow metering equipment
- Pump sets
- Pressure reducing valves
- Flanged pipe and fittings

Typical Dismantling Joint applications include: Pumping stations, water treatment and sewage treatment plants, plant rooms, meter chambers, power generation equipment and gas distribution stations.

Dimensions: PN10

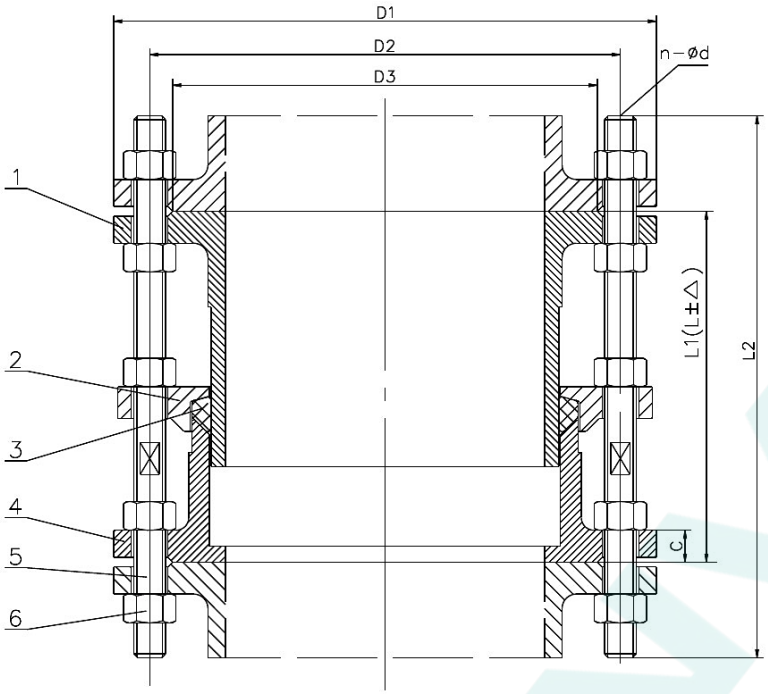


NO	NAME	MATERIAL
1	Pipe	GJS500-7
2	Cover	GJS500-7
3	Seal ring	EPDM
4	Body	GJS500-7
5	Screw	8.8 Galvanized steel
6	Nut	8.8 Galvanized steel



DN	PN	D1	D2	D3	n- Ød	C	L1(L± Δ)	L2
100	10	Ø220	Ø180	Ø156	8- Ø19	19	200(175 ±25)	300
125	10	Ø250	Ø210	Ø184	8- Ø19	19	200(175 ±25)	300
150	10	Ø285	Ø240	Ø211	8- Ø23	19	200(175 ±25)	320
200	10	Ø340	Ø295	Ø266	8- Ø23	20	220(195 ±25)	340
250	10	Ø395	Ø350	Ø319	12- Ø23	22	230(205 ±25)	350
300	10	Ø445	Ø400	Ø370	12- Ø23	24,5	250(225 ±25)	360
350	10	Ø505	Ø460	Ø429	16- Ø23	24,5	260(235 ±25)	380
400	10	Ø565	Ø515	Ø480	16- Ø28	24,5	270(245 ±25)	380
450	10	Ø615	Ø565	Ø530	20- Ø28	25,5	270(245 ±25)	390
500	10	Ø670	Ø620	Ø582	20- Ø28	26,5	280(255 ±25)	410
600	10	Ø780	Ø725	Ø682	20- Ø31	30	300(275 ±25)	420
700	10	Ø895	Ø840	Ø794	24- Ø31	32,5	300(275 ±25)	480
800	10	Ø1015	Ø950	Ø901	24- Ø34	35	320(295 ±25)	520
900	10	Ø1115	Ø1050	Ø1001	28- Ø34	37,5	320(295 ±25)	500
1000	10	Ø1230	Ø1160	Ø1112	28- Ø37	40	340(315 ±25)	520
1100	10	Ø1340	Ø1270	Ø1218	32- Ø37	42,5	340(315 ±25)	515
1200	10	Ø1455	Ø1380	Ø1328	32- Ø41	45	405(380 ±25)	590
1300	10	Ø1575	Ø1490	Ø1430	36- Ø42	58	380(355 ±25)	620
1400	10	Ø1675	Ø1590	Ø1530	36- Ø44	46	380(355 ±25)	575
1500	10	Ø1785	Ø1700	Ø1640	36- Ø44	47,5	400(375 ±25)	605
1600	10	Ø1915	Ø1820	Ø1750	40- Ø50	49	400(375 ±25)	610
1800	10	Ø2115	Ø2020	Ø1950	44- Ø50	52	420(395 ±25)	635
2000	10	Ø2325	Ø2230	Ø2150	48- Ø50	55	440(415 ±25)	730

Dimensions: PN16



NO	NAME	MATERIAL
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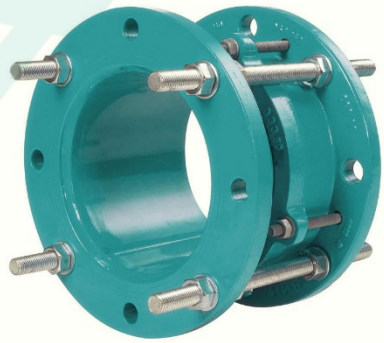
2	Cover	GJS500-7
3	Seal ring	EPDM
4	Body	GJS500-7
5	Screw	8.8 Galvanized steel
6	Nut	8.8 Galvanized steel



DN	PN	D1	D2	D3	n- Ød	C	L1(L± Δ)	L2
100	16	Ø220	Ø180	Ø156	8- Ø19	19	200(175 ±25)	300
125	16	Ø250	Ø210	Ø184	8- Ø19	19	200(175 ±25)	300
150	16	Ø285	Ø240	Ø211	8- Ø23	19	200(175 ±25)	320
200	16	Ø340	Ø295	Ø266	8- Ø23	20	220(195 ±25)	340
250	16	Ø405	Ø355	Ø319	12- Ø23	22	230(205 ±25)	360
300	16	Ø460	Ø410	Ø370	12- Ø23	24,5	250(225 ±25)	390
350	16	Ø520	Ø470	Ø429	16- Ø23	26,5	260(235 ±25)	400
400	16	Ø580	Ø525	Ø480	16- Ø28	28	270(245 ±25)	420
450	16	Ø640	Ø585	Ø548	20- Ø28	30	270(245 ±25)	420
500	16	Ø715	Ø650	Ø609	20- Ø28	31,5	280(255 ±25)	440
600	16	Ø840	Ø770	Ø720	20- Ø31	36	300(275 ±25)	480
700	16	Ø910	Ø840	Ø794	24- Ø31	39,5	300(275 ±25)	480
800	16	Ø1025	Ø950	Ø901	24- Ø34	43	320(295 ±25)	520
900	16	Ø1125	Ø1050	Ø1001	28- Ø34	46,5	320(295 ±25)	520
1000	16	Ø1255	Ø1170	Ø1112	28- Ø37	50	340(315 ±25)	540
1100	16	Ø1355	Ø1270	Ø1218	32- Ø37	53,5	340(315 ±25)	560
1200	16	Ø1485	Ø1390	Ø1328	32- Ø41	57	460(335 ±25)	600
1300	16	Ø1585	Ø1490	Ø1430	36- Ø42	58	380(355 ±25)	630
1400	16	Ø1685	Ø1590	Ø1530	36- Ø44	60	380(355 ±25)	630
1500	16	Ø1820	Ø1710	Ø1640	36- Ø44	62,5	400(375 ±25)	660
1600	16	Ø1930	Ø1820	Ø1750	40- Ø50	63	400(375 ±25)	660
1800	16	Ø2130	Ø2020	Ø1950	44- Ø50	70	420(395 ±25)	720
2000	16	Ø2345	Ø2230	Ø2150	48- Ø50	75	440(415 ±25)	750