

Dismantling Joint



ISO2531

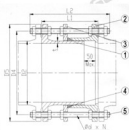
PN10、PN 16、PN 25、PN 40



Dismantling Joint

Ductile Iron Pipe Flanged Joint According to ISO2531 PN10

NO.	PART NAME	MATERIAL
1	PIPE	DUCTILE IRON
2	BODY	DUCTILE IRON
3	RETAIRER	DUCTILE IRON
4	RING	RUBBER
5	STUD	ELECTRO GALVANISED STEEL



NOTE:

1. FLANGE IN ACCORDANCE WITH ISO 2531 PN10
2. NOMINAL PRESSURE: 10bar
3. TEST PRESSURE: 15bar
4. RUBBER RING GASKET
5. GALVANIZED STEEL STUD

Dimension in millimeters

DN	D2	D4	D5	L1	L2	d	N	T
80	98	160	200	200	310	16	8	7.0
100	118	180	220	200	310	16	8	7.2
125	144	210	250	200	310	16	8	7.5
150	170	240	285	200	320	20	8	7.8
200	222	295	340	220	340	20	8	8.4
250	274	350	400	230	370	20	12	9.0
300	326	400	455	250	410	20	12	9.6
350	378	460	505	260	410	20	16	10.2
400	429	515	565	270	430	24	16	10.8
450	480	565	615	270	430	24	16	11.4
500	532	620	670	280	440	24	20	12.0
600	635	725	780	300	480	27	20	13.2
700	738	840	895	300	480	27	24	14.4
800	842	950	1015	320	520	30	24	15.6
900	945	1050	1115	320	520	30	28	16.8
1000	1048	1160	1230	340	560	33	28	18.0
1100	1152	1270	1340	340	560	33	32	19.2
1200	1255	1380	1455	360	600	36	32	20.4
1400	1462	1590	1675	380	630	39	36	22.8
1500	1565	1700	1785	400	665	39	36	23.0
1600	1668	1820	1915	400	700	45	40	25.2
1800	1875	2020	2115	420	730	45	44	27.6
2000	2082	2230	2325	440	730	45	48	30.0
2200	2288	2440	2550	450	750	52	52	32.4
2400	2495	2650	2760	460	770	52	56	34.8
2600	2702	2850	2960	500	800	52	60	37.2

Note: Dimension shown in the table above is meant for PN 10 class Dismantling Joint.

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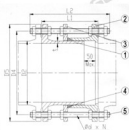
Dismantling Joint

Ductile Iron Pipe Flanged Joint According to ISO2531 PN16

NO.	PART NAME	MATERIAL
1	PIPE	DUCTILE IRON
2	BODY	DUCTILE IRON
3	RETAIRER	DUCTILE IRON
4	RING	RUBBER
5	STUD	ELECTRO GALVANISED STEEL

NOTE:

1. FLANGE IN ACCORDANCE WITH ISO 2531 PN16
2. NOMINAL PRESSURE: 16bar
3. TEST PRESSURE: 25bar
4. RUBBER RING GASKET
5. GALVANIZED STEEL STUD



Dimension in millimeters

DN	D2	D4	D5	L1	L2	d	N	T
80	98	160	200	200	310	16	8	7.0
100	118	180	220	200	310	16	8	7.2
125	144	210	250	200	310	16	8	7.5
150	170	240	285	200	320	20	8	7.8
200	222	295	340	220	340	20	12	8.4
250	274	355	400	230	370	24	12	9.0
300	326	410	455	250	410	24	12	9.6
350	378	470	520	260	410	24	16	10.2
400	429	525	580	270	430	27	16	10.8
450	480	585	640	270	430	27	20	11.4
500	532	650	715	280	440	30	20	12.0
600	635	770	840	300	480	33	20	13.2
700	738	840	910	300	480	33	24	14.4
800	842	950	1025	320	520	36	24	15.6
900	945	1050	1125	320	520	36	28	16.8
1000	1048	1170	1255	340	560	39	28	18.0
1100	1152	1270	1355	340	560	39	32	19.2
1200	1255	1390	1485	360	600	45	32	20.4
1400	1462	1590	1685	380	630	45	36	22.8
1500	1565	1710	1820	400	665	52	36	23.0
1600	1668	1820	1930	400	700	52	40	25.2
1800	1875	2020	2130	420	730	52	44	27.6
2000	2082	2230	2345	440	730	56	48	30.0
2200	2288	2440	2555	450	750	56	52	32.4
2400	2495	2650	2765	460	770	56	56	34.8
2600	2702	2850	2965	500	800	56	60	37.2

Note: Dimension shown in the table above is meant for PN 16 class Dismantling Joint.

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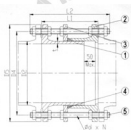
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Dismantling Joint**Ductile Iron Pipe Flanged Joint According to ISO2531 PN25**

NO.	PART NAME	MATERIAL
1	PIPE	DUCTILE IRON
2	BODY	DUCTILE IRON
3	RETAIR	DUCTILE IRON
4	RING	RUBBER
5	STUD	ELECTRO GALVANISED STEEL

NOTE:

1. FLANGE IN ACCORDANCE WITH ISO 2531 PN25
2. NOMINAL PRESSURE 25bar
3. TEST PRESSURE 25bar
4. RUBBER RING GASKET
5. GALVANIZED STEEL STUD

**Dimension in millimeters**

DN	D2	D4	D5	L1	L2	d	N	T
80	98	160	200	210	330	19	8	7.0
100	118	190	235	220	340	23	8	7.2
125	144	220	270	220	370	28	8	7.5
150	170	250	300	230	370	28	8	7.8
200	222	310	360	230	370	28	12	8.4
250	274	370	425	250	410	31	12	9.0
300	326	430	485	250	410	31	16	9.6
350	378	490	555	270	440	34	16	10.2
400	429	550	620	280	480	37	16	10.8
450	480	600	670	280	480	37	20	11.4
500	532	660	730	300	480	37	20	12.0
600	635	770	845	320	520	40	20	13.2
700	738	875	960	340	530	43	24	14.4
800	842	990	1085	360	600	49	24	15.6
900	945	1090	1185	380	600	49	28	16.8
1000	1048	1210	1320	400	650	56	28	18.0
1100	1152	1310	1420	420	672	56	32	19.2
1200	1255	1420	1530	450	720	56	32	20.4
1400	1482	1640	1755	480	770	62	36	22.8
1600	1688	1880	1975	510	815	62	40	25.2
1800	1875	2070	2195	540	865	70	44	27.6
2000	2082	2300	2425	580	930	70	48	30.0

Note: Dimension shown in the table above is meant for PN 25 class Dismantling Joint.

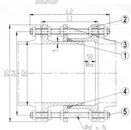
Dismantling Joint

Ductile Iron Pipe Flanged Joint According to ISO2531 PN40

NO.	PART NAME	MATERIAL
1	PIPE	DUCTILE IRON
2	BODY	DUCTILE IRON
3	RETAIRER	DUCTILE IRON
4	RING	RUBBER
5	STUD	ELECTRO GALVANISED STEEL

NOTE:

1. FLANGE IN ACCORDANCE WITH ISO 2531 PN40
2. NOMINAL PRESSURE: 40bar
3. TEST PRESSURE: 40bar
4. RUBBER RING GASKET
5. GALVANIZED STEEL STUD



Dimension in millimeters

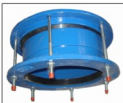
DN	D2	D4	D5	L1	L2	d	N	T
80	98	160	200	230	380	19	8	7.0
100	118	190	235	240	390	23	8	7.2
125	144	220	270	240	390	28	8	7.5
150	170	250	300	250	400	28	8	7.8
200	222	320	375	250	400	31	12	8.4
250	274	385	450	270	440	34	12	9.0
300	326	450	515	270	440	34	16	9.6
350	378	510	580	290	460	37	16	10.2
400	429	585	660	300	500	40	16	10.8
450	480	610	685	300	500	40	20	11.4
500	532	670	755	320	510	43	20	12.0
600	635	795	890	340	550	49	20	13.2
700	738	900	995	360	570	49	24	14.4
800	842	1030	1140	380	620	56	24	15.6
900	945	1140	1250	380	620	56	28	16.8
1000	1048	1250	1360	420	670	56	28	18
1200	1255	1460	1575	450	720	62	32	20.4
1400	1462	1680	1795	480	770	62	36	22.8
1600	1668	1900	2025	510	815	70	40	25.2
1800	1875	2130	2255	540	865	70	44	27.6
2000	2082	2360	2485	580	930	78	44	30

Note: Dimension shown in the table above is meant for PN 40 class Dismantling Joint.

Coupling



Stepped Coupling



Gibault Joint

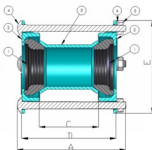


Flange Adaptor



Universal Coupling

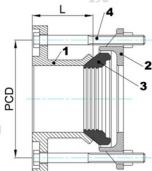
NO.	PART NAME	MATERIAL
1	Gasket	EPDM
2	End ring	D.I GGG50
3	Sleeve	D.I GGG50/Carbon Steel
4	Bolt	Carbon Steel
5	Nut	Carbon Steel
6	Washer	Carbon Steel



Size	Range	A	C	D	E	BOLT NO.
50	59 - 78	180	100	160	173	4
80	83 - 102	180	100	160	197	4
100Midi	108 - 118	180	100	160	223	4
100	109 - 128	190	100	160	207	4
125	135 - 153	180	100	166	257	4
150	159 - 182	180	100	166	286	4
150Midi	159 - 170	180	100	172	266	4
150/3	180 - 193	180	120	172	293	4
175	190 - 205	210	120	172	304.2	4
200	218 - 234	210	120	172	334.5	4
225	239 - 250	210	120	172	350.5	6
225/2	250 - 267	210	120	172	368.5	6
250	273 - 286	210	120	172	386.5	6
250/2	286 - 304	210	120	172	405.5	6
300	315 - 328	210	120	172	429.5	6

Universal Flange Adaptor

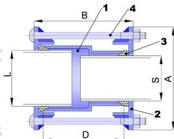
NO.	PART NAME	MATERIAL
1	Sleeve	D.I GGG50
2	End ring	D.I GGG50
3	Gasket	EPDM
4	Bolt, Nut	Carbon Steel



Nominal Diameter(DN)	PIPE O.D. DE	PCD	Flange		End ring
			Holes with end ring	Holes	Holes
50/50	59-78	125	4-φ14	8-φ19	4-φ14
80/80	83-102	160	4-φ14	8-φ19	4-φ14
100/100	109-128	178.5	4-φ14	8-φ19	4-φ14
125/125	135-153	210	4-φ14	8-φ19	4-φ14
150/150	159-182	237.5	4-φ14	12-φ23	4-φ14
175/200	190-205	295	6-φ14	12-φ23	6-φ14
200/200	218-234	295	6-φ14	12-φ23	6-φ14
225/250	239-250	355	6-φ14	12-φ23	6-φ14
250/250	273-286	355	6-φ14	12-φ28	6-φ14
225/2 /250	250-267	355	6-φ14	12-φ23	6-φ14
300/300	315-328	410	6-φ14	12-φ28	6-φ14

Stepped Coupling

NO.	PART NAME	MATERIAL
1	Sleeve	D.I GGG50
2	End ring	D.I GGG50
3	Gasket	EPDM
4	Bolt, Nut	Carbon Steel



Nominal Diameter(DN)	Pipe O.D. Range		A	B	D	Hole No.	Bolts	Weight (KG)
80	98	90	187	166	102	4	M12x165	4.9
100	118	110	209	166	102	4	M12x165	5.4
150	170	160	264	173	102	4	M12x175	8.6
200	222	225	319	173	102	6	M12x175	11.5
250	274	267	373	173	102	6	M12x175	16.5
300	326	325	430	173	102	6	M12x175	17.8
350	378	360	492	254	152	8	M16x240	28
400	429	412	547	254	152	8	M16x240	32.6
450	480	463	599	254	152	10	M16x240	39
500	532	514	653	254	152	10	M16x240	42
600	635	616	758	254	152	10	M16x240	57
700	738	718	867	254	152	12	M16x240	65
800	842	820	973	254	152	12	M16x240	80
900	945	922	1083	280	178	14	M16x275	98
1000	1048	1027	1187	280	178	14	M16x275	105
1100	1152	1118	1306	290	178	16	M16x285	138
1200	1255	1255	1410	290	178	16	M16x285	159

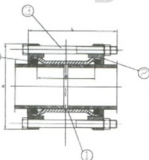
Gibault Joint

Gibault Joint is a coupling designed to provide an Efficient and economical mechanical joint for white PVC, PE and AC sized pipes.

The gibault coupling is ideal for reconnecting pipes After the removal of damaged pipe, or for connecting Pipeline fittings in line.

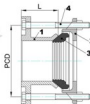


NO.	PART NAME	MATERIAL
1	Sleeve	Ductile Iron
2	End ring	D.I GGG50
3	O-Ring Gasket	EPDM/SBR
4	Bolt, Nut	Steel with Galvanize



SIZE	BOLT		A	H
	L	Q/TY		
63	180	2	147	130
75	180	2	147	130
90	180	3	165	130
110	210	3	185	150
125	210	4	200	150
140	210	4	215	150
160	240	4	236	150
180	240	6	255	190
200	260	6	276	190
225	290	6	285	190
250	290	6	340	200
315	290	8	352	200

Flange Adaptor Steel Pipe Joint



DN	PN	PIPE OD	A	B	C	D	PCD	HOLES	BOLTS	
mm	Kgf/cm ²	mm	mm	mm	mm	mm	mm	P x mm	E	M x L
50	10.16	60.5	19	73	105	165	125	4x19	4	M12x100
65	10.16	76.3	19	73	105	185	145	4x19	4	M12x100
80	10.16	89.1	19	73	105	200	160	8x19	4	M12x100
100	10.16	114.3	19	73	105	220	180	8x19	4	M12x100
125	10.16	139.8	19	76	115	250	210	8x19	4	M12x110
150	10.16	168.3	19	76	115	285	240	8x23	4	M12x110
200	10	219.1	20	76	115	340	295	8x23	4	M12x110
200	16	219.1	20	76	115	340	295	12x23	6	M12x110
250	10	273.1	22	90	130	400	350	12x23	6	M12x120
250	16	273.1	24	90	130	400	355	12x28	6	M12x120
300	10	323.9	24	90	130	455	400	12x23	6	M12x120
300	16	323.9	24	90	130	455	410	12x28	6	M12x120
350	10	355.6	24	110	156	505	460	16x23	8	M16x150
350	16	355.6	26	110	156	520	470	16x28	8	M16x150
400	10	406.4	24	110	156	565	515	16x28	8	M16x150
400	16	406.4	28	110	156	580	525	16x31	8	M16x150
450	10	457.2	25	110	156	615	565	20x28	10	M16x150
450	16	457.2	30	110	156	640	585	20x31	10	M16x150
500	10	508	26	115	162	670	620	20x28	10	M16x150
500	16	508	31	115	162	718	650	20x34	10	M16x150
600	10	609.6	30	115	165	780	725	20x31	10	M16x150
600	16	609.6	36	115	165	840	770	20x37	10	M16x150
700	10	711.2	32	115	165	895	840	24x31	12	M16x150
700	16	711.2	39	115	165	910	840	24x37	12	M16x150
800	10	812.8	35	115	165	1015	950	24x34	12	M16x150
800	16	812.8	43	115	165	1025	950	24x40	12	M16x150
900	10	914.4	37	115	165	1115	1050	28x34	14	M16x150
900	16	914.4	46	115	165	1125	1050	28x40	14	M16x150
1000	10	1016	40	115	165	1230	1160	28x37	14	M16x150
1000	16	1016	50	115	165	1255	1170	28x43	14	M16x150
1200	10	1219.2	45	130	180	1455	1380	32x40	16	M16x170
1200	16	1219.2	57	130	180	1485	1390	32x49	16	M16x170

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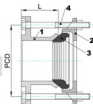
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Single Range Flange Adaptor

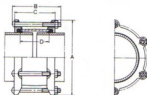
Ductile Iron Pipe According to ISO2531,
BS EN545, ISO7005-2, BS 4504, BS 4627



DN mm	PN	PIPE OD mm	A mm	B mm	C mm	D mm	PCD mm	HOLES Q'TY	BOLT Q'TY	Ln×mm M
40	10	56	19	73	105	150	110	19x4	4	12x100
50	10	66	19	73	105	165	125	19x4	4	12x100
60	10	77	19	73	105	175	135	19x4	4	12x100
65	10	82	19	73	105	185	145	19x4	4	12x100
80	10	98	19	73	105	200	160	19x8	4	12x100
100	10	118	19	73	105	220	180	19x8	4	12x100
125	10	144	19	76	115	250	210	19x8	4	12x100
150	10	170	19	76	115	285	240	23x8	4	12x110
200	10	222	20	76	115	340	295	23x8	4	12x110
250	10	274	22	90	130	400	350	23x12	6	12x120
300	10	326	24.5	90	130	455	400	23x12	6	12x120
350	10	378	24.5	110	156	505	460	23x16	8	16x145
400	10	429	24.5	110	156	565	515	28x16	8	16x145
450	10	480	24.5	110	156	615	565	28x20	10	16x145
500	10	532	26.5	115	162	670	620	28x20	10	16x150
600	10	635	30	115	165	780	725	31x20	10	16x150
700	10	738	32.5	115	165	895	740	31x24	12	16x150
800	10	842	35	115	165	1015	950	34x24	12	16x150
900	10	942	37.5	115	165	1115	1050	34x28	14	16x150
1000	10	1048	40	115	165	1230	1160	37x28	14	16x150
1200	10	1255	45	130	180	1455	1380	40x32	16	16x170
1400	10	1462	46	130	180	1675	1590	43x36	18	20x170
1600	10	1668	49	190	275	1915	1820	49x40	20	20x240
1800	10	1875	52	190	275	2115	2020	49x44	22	20x240
2000	10	2082	55	190	275	2325	2230	49x48	24	20x240
2200	10	2288	59	210	315	2550	2440	56x52	26	20x265

Single Range Coupling

DUCTILE IRON PIPE ACCORDING TO ISO2531 BSEN545



DN	PIPE OD	A	B	C	D	HOLES	BOLT
mm	mm	mm	mm	mm	mm	Q'TY	M
40	56	120	166	125	102	2	12x158
50	66	126	166	125	102	2	12x158
60	77	135	166	125	102	2	12x158
65	82	156	166	125	102	2	12x158
80	98	184	166	130	102	4	12x158
100	118	205	166	130	102	4	12x158
125	144	232	166	130	102	4	12x158
150	170	264	173	133	102	4	12x165
200	222	315	173	133	102	6	12x165
250	274	374	173	136	102	6	12x165
300	326	426	173	136	102	6	12x165
350	378	494	254	200	152	8	16x240
400	429	544	254	200	152	8	16x240
450	480	595	254	200	152	10	16x240
500	532	650	254	210	152	10	16x240
600	635	753	254	210	152	12	16x240
700	738	858	254	210	152	12	16x240
800	842	962	254	210	152	12	16x240
900	945	1070	280	238	178	14	16x265
1000	1048	1173	280	238	178	14	16x265
1100	1152	1282	280	240	178	16	16x265
1200	1255	1385	280	240	178	18	16x265
1400	1462	1592	295	250	178	20	20x280
1600	1668	1798	295	250	178	24	20x280
1800	1875	2015	375	320	254	32	20x360
2000	2082	2222	375	320	254	36	20x360
2200	2288	2415	375	320	254	38	20x360

Single Range Coupling Steel Pipe Joint



DN	PIPE OD	A	B	C	D	HOLES	BOLT
mm	mm	mm	mm	mm	mm	pcs	M x L
15	21.7	98	150	112	83	2	M12x140
20	27.2	102	150	112	83	2	M12x140
25	32	115	150	112	83	2	M12x140
32	42.7	120	150	112	83	2	M12x140
40	48.6	125	150	112	83	2	M12x140
50	60.5	138	150	112	83	2	M12x140
65	76.3	160	160	118	102	2	M12x152
80	89.1	172	160	125	102	3	M12x152
90	101.6	184	160	125	102	4	M12x152
100	114.3	200	160	125	102	4	M12x152
125	139.8	232	173	125	102	4	M12x165
150	165.2	258	173	125	102	4	M12x152
150	168.3	260	173	125	102	4	M12x152
200	216.3	310	173	125	102	6	M12x152
200	219.1	313	173	125	102	6	M12x152
250	267.4	366	173	127	102	6	M12x152
250	273.1	373	173	127	102	6	M12x152
300	318.5	420	173	129	102	6	M12x152
300	323.9	424	173	129	102	6	M12x152
350	355.6	471	254	200	152	8	M16x240
400	406.4	521	254	200	152	8	M16x240
450	457.2	572	254	200	152	8	M16x240
500	508.0	628	254	210	152	10	M16x240
550	558.8	679	254	210	152	10	M16x240
600	609.6	730	254	210	152	10	M16x240
650	660.4	780	254	210	152	12	M16x240
700	711.2	831	254	210	152	12	M16x240
750	762.0	882	254	210	152	12	M16x240
800	812.8	932	254	210	152	12	M16x240
850	863.6	983	254	210	152	12	M16x240
900	914.4	1040	254	210	152	14	M16x240
1000	1016.0	1141	280	238	178	14	M16x265
1050	1066.8	1197	280	240	178	16	M16x265
1100	1117.6	1248	280	240	178	16	M16x265
1200	1219.2	1350	280	240	178	16	M16x265

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