



TECHNICAL DATA

Nominal Diameter	Manufactured length (Lf in mm)		Drilling Standards		Max. permissible pressure (in bar)	RMax. permissible vacuum (% Vacuum)	Max. Permissible Movements (1) (not concurrent)				End thrust in KdaN for P= 1 bar	Approximate weight/Kg (below only) (1)
			PN2.5 - PN6 - PN10	ISO 2084 NF EN 1759-1 NF EN 1092-1			Axial Compression (mm)	Axial Elongation (mm)	Lateral Shearing (mm)	Angular Deflection (°)		
ND	NPS			e.g. PN 10	Flange O.D. (mm)	Number of holes			P	V		
mm	inches											

Type MD 40															
500	20	225	250		670	20	4	100	20	0	30	2.3	1.7	2.3	42
600	24	225	250		780	20	4	100	20	0	30	1.9	1.4	3.2	53
800	32		250		1015	24	4	100	20	0	30	1.4	1.1	5.6	82
1000	40		250	300	1230	28	4	100	20	0	30	1.1	0.9	8.5	111
1200	48			300	1455	32	4	100	20	0	30	0.9	0.7	12.1	179
1400	56			300	1675	36	4	100	20	0	30	0.8	0.6	16.4	225
1600	64			300	1915	40	4	100	25	0	30	0.9	0.5	21.2	345
1800	72			300	2115	44	4	100	25	0	30	0.8	0.5	26.7	392
2000	80			300	2325	48	4	100	25	0	30	0.7	0.4	32.9	450
2200	88			300	2550	52	4	100	25	0	30	0.7	0.4	39.6	525

For any intermediate sizes and further sizes up to ND 2600 mm (102"): please consult us

Type MS 50															
500	20		250		670	20	6	0	20	15	30	4.0	—	2.4	49
600	24		250		780	20	6	0	20	15	30	3.3	—	3.4	60
800	32		250		1015	24	6	0	20	15	30	2.5	—	5.8	92
1000	40		250	300	1230	28	6	0	20	15	30	2.0	—	8.8	122
1200	48			300	1455	32	6	0	20	15	30	1.7	—	12.4	200
1400	56			300	1675	36	6	0	20	15	30	1.4	—	16.4	251
1600	64			300	1915	40	6	0	20	15	30	1.2	—	21.5	391
1800	72			300	2115	44	6	0	20	15	30	1.1	—	27.0	438
2000	80			300	2325	48	6	0	20	15	30	1.0	—	33.1	500
2200	88			300	2550	52	6	0	20	15	30	0.9	—	39.9	580

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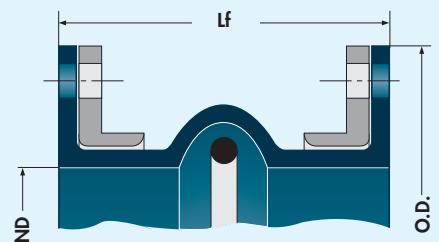
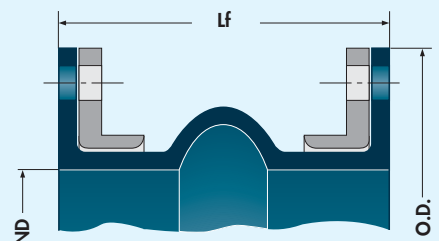
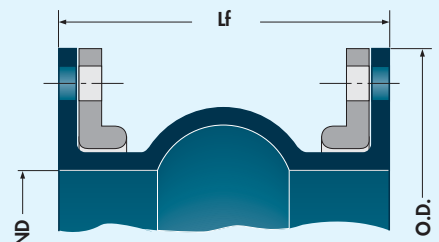
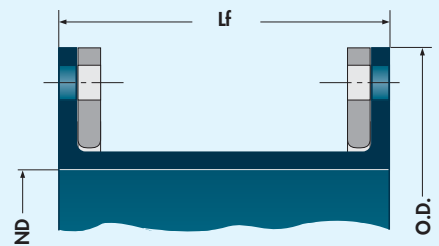
Type MA 60															
500	20		250	300	670	20	8	10	30	30	30	6.8	—	2.6	54
600	24		250	300	780	20	8	10	30	30	30	5.7	—	3.6	68
800	32		250	300	1015	24	8	10	30	30	30	4.3	—	6.1	98
1000	40		250	300	1230	28	8	10	30	30	30	3.4	—	9.1	135
1200	48			300	1455	32	8	10	30	30	30	2.9	—	12.8	215
1400	56			300	1675	36	8	10	30	30	30	2.4	—	17.2	273
1600	64			300	1915	40	8	10	30	30	30	2.1	—	22.1	405
1800	72			300	2115	44	8	10	30	30	30	1.9	—	27.7	454
2000	80			300	2325	48	8	10	30	30	30	1.7	—	33.9	514
2200	88			300	2550	52	8	10	30	30	30	1.6	—	40.7	617

For any intermediate sizes and further sizes up to ND 2600 mm (102"): please consult us

Type MB 60															
500	20		250	300	670	20	8	100	30	10	30	4.6	4.6	2.6	61
600	24		250	300	780	20	8	100	30	10	30	3.8	3.8	3.6	77
800	32		250	300	1015	24	8	100	30	10	30	2.9	2.9	6.1	109
1000	40		250	300	1230	28	8	100	30	10	30	2.3	2.3	9.2	149
1200	48			300	1455	32	8	100	30	10	30	1.9	1.9	12.8	232
1400	56			300	1675	36	8	100	30	10	30	1.6	1.6	17.2	290
1600	64			300	1915	40	8	100	30	10	30	1.4	1.4	22.1	426
1800	72			300	2115	44	8	100	30	10	30	1.3	1.3	27.7	477
2000	80			300	2325	48	8	100	30	10	30	1.1	1.1	33.9	550
2200	88			300	2550	52	8	100	30	10	30	1.0	1.0	40.7	645

For any intermediate sizes and further sizes up to ND 2600 mm (102"): please consult us

- * Each retaining ring profile is specific to an expansion joint type. On request, retaining rings can be supplied: uncoated, with rustproof primer, galvanised, etc.
- * The expansion joints can be manufactured in several different lengths: please consult us..
- * For vacuum service only (DILATOFLEX® expansion joint, type MV): please consult us.



(1) Steel retaining rings in 1 part (galvanised, zinc-chromated, stainless steel).