

胀 套
Locking Assembly



TECHNOLOC



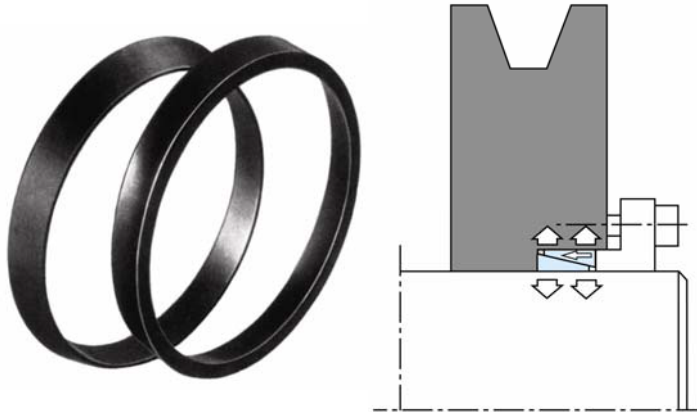
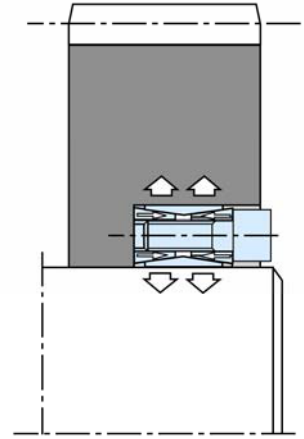


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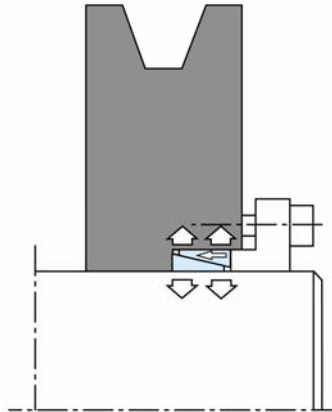
TECHNOLOC - A

Cone clamping unit consists of four pieces with two inside double-cone rings joined through a set of tightening screws. It is recommended for medium torques and although it is not self-centering, it can be easily assembled and disassembled. Available for shaft diameters from 20 to 1000 mm.



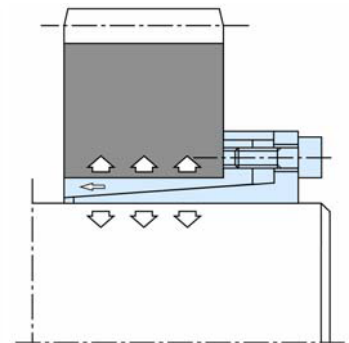
TECHNOLOC - C

Consists of two cone rings and must be equipped with a fastening flange, usually manufactured by the Customer. The number of locking screws depends on the torque to be transmitted. It is not self-centering. TECHNOLOC - C requires very small axial installation dimensions. Up to 4 units can be arranged behind each other, so allowing high torques to be transmitted. Available for shaft diameters from 6 to 600 mm.



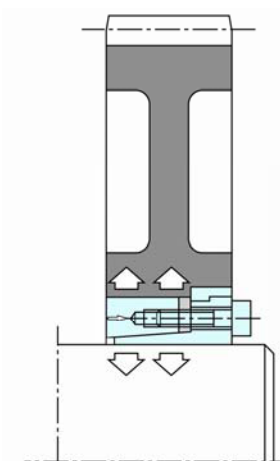
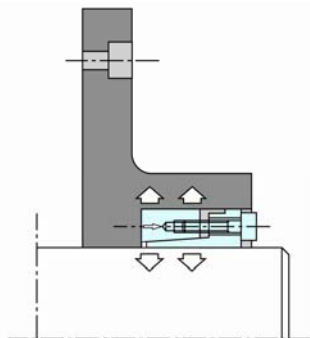
TECHNOLOC - B

Consists of two conical pieces and a spacer. It has minimum overall dimensions in virtue of the reduced thickness of the cones; so, TECHNOLOC - B is suitable for the applications where small hubs are requested. It is recommended for medium torques and is self-centering. TECHNOLOC - B guarantees a very precise axial positioning, as no any axial displacement of the hub occurs during the assembly operation. Available for shaft diameters from 6 to 130 mm.



TECHNOLOC - D

Consists of one inside and one outside cone ring, which are joined by a set of screws. It is suitable for high torques and is self-centering. Applications which request a very precise axial positioning are not to do, owing to a small axial displacement of the hub during the assembly operation. Available for shaft diameters from 20 to 180 mm.

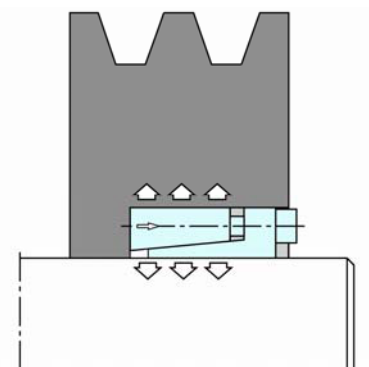


TECHNOLOC - DX

Consists of one inside and one outside cone ring joined together by means of a set of screws and a stop ring. It is recommended for medium torques and is self-centering. TECHNOLOC - DX permits a high precision axial positioning, as no axial displacement of the hub occurs during the assembly operation. Available for shaft diameters from 20 to 180 mm.

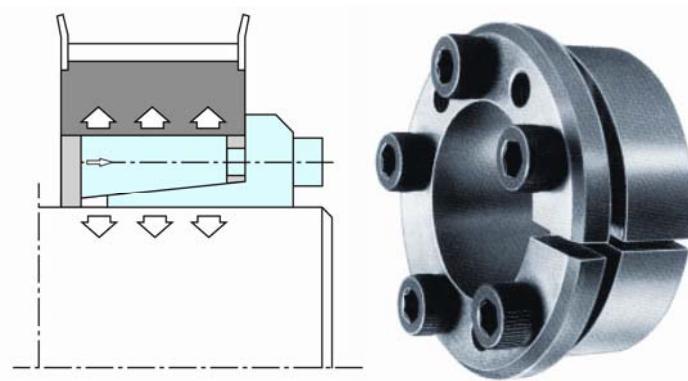
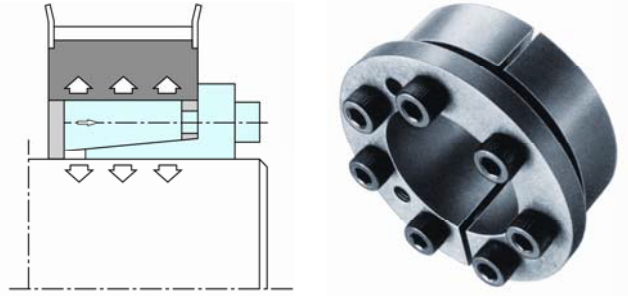
TECHNOLOC - DS

Consists of one inside and one outside cone ring which are joined by a set of screws. It has a very small axial dimension and is self-centering. Applications which request a very precise axial positioning are not to do, owing to a small axial displacement of the hub during the assembly operation. TECHNOLOC - DS is suitable for applications with medium torques. Available for shaft diameters from 20 to 200 mm.



TECHNOLOC - ES

Consists of one inside and one outside cone ring joined together by means of a set of screws. The inner ring has a larger diameter flange which locates against the hub. TECHNOLOC - ES has a very small axial dimension and is self-centering. It is suitable for applications with medium torques, which need a very precise axial positioning. Available for shaft diameters from 20 to 200 mm.

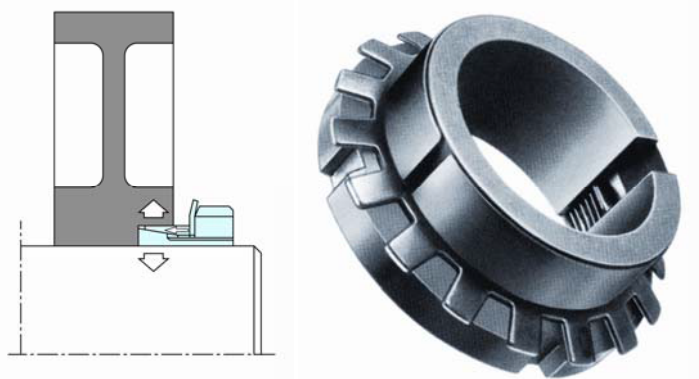


TECHNOLOC - EP

Consists of one inside and one outside cone ring joined together by means of a set of screws. The inner ring has a larger diameter flange which locates against the hub. P.M LOCK 8 has very small axial dimension and is self-centering. It has been designed to suit various shaft diameters although the overall dimensions are the same. TECHNOLOC - EP is recommended for applications with medium torques need a very precise axial positioning. Available for shaft diameters from 14 to 500 mm.

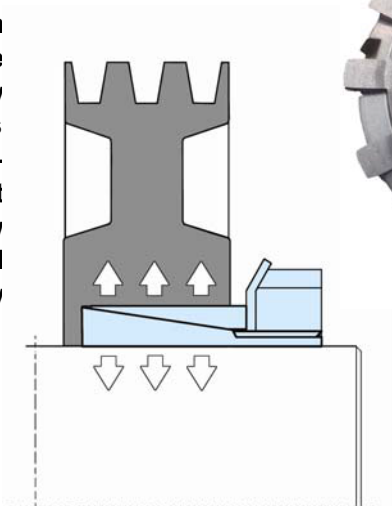
TECHNOLOC - H

Consists of two cone rings, joined through a lock nut and a tab washer. In virtue of the sample design, very fast assembly disassembly is allowed. TECHNOLOC - H is suitable for applications with small medium torques. Available for shaft diameters from 14 to 70 mm.



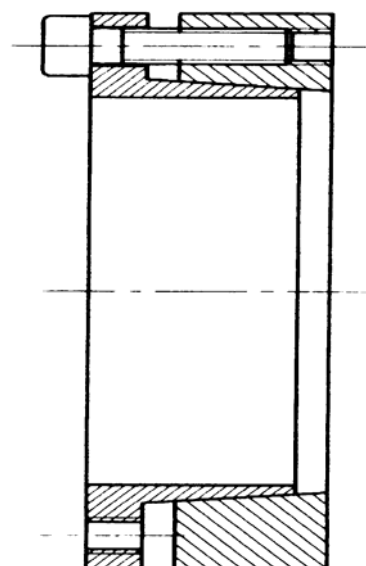
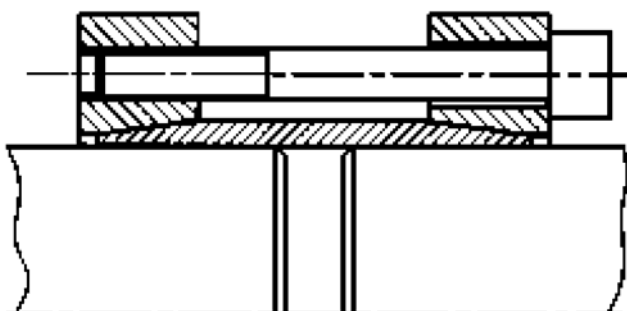
TECHNOLOC - I

Consists of two cone rings, joined through a lock nut and a tab washer. In virtue of the sample design, very fast assembly/disassembly is allowed. TECHNOLOC - I is suitable for applications with small-medium torques. Available for shaft diameters from 14 to 70 mm. Medium-low torque. Restricted hub diameter. Limited installation time. Application economically advantageous.



TECHNOLOC - M

Rigid coupling for various applications. Available for shaft diameters from 17 to 80 mm.

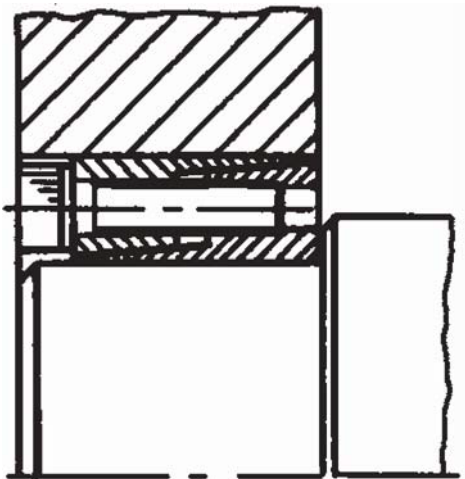
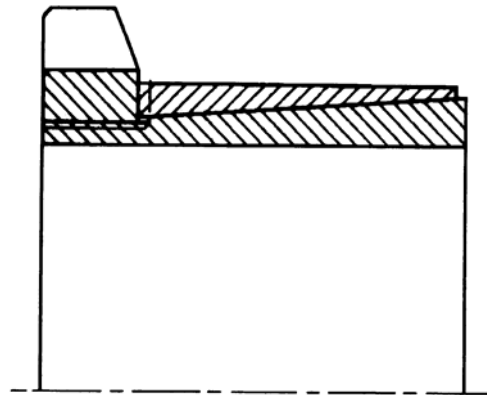


P.M LOCK 11

P.M LOCK 11 is self-centering unit. It is suggested, only for big quantities, in the applications with medium torques.

P.M LOCK 12

P.M LOCK 12 is very close to the standard type P.M LOCK 12, but it is manufactured in a longer execution.

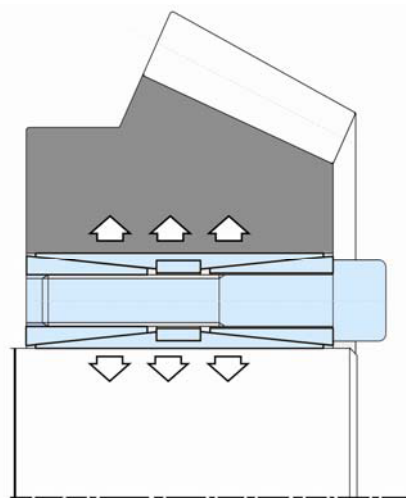


P.M LOCK 13

Available for shaft diameters from 6 to 50 mm. Medium-high torque. Easy mounting. Limited installation time. Few clamping screws.

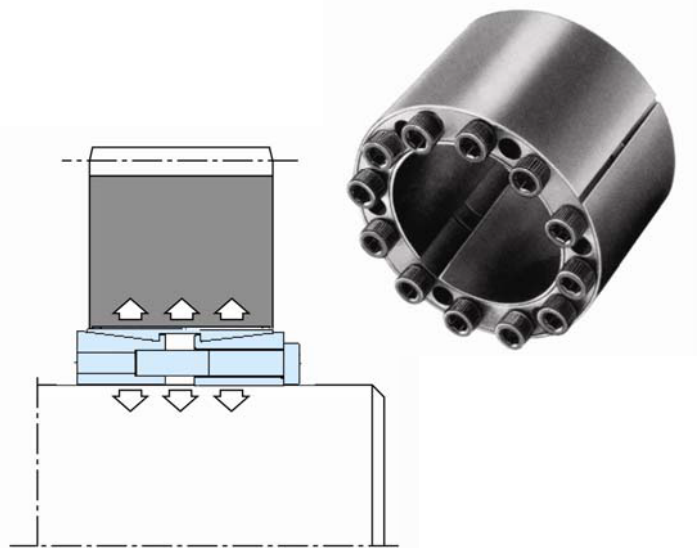
TECHNOLOC - F

Available for shaft diameters from 45 to 400mm. Very high torques. Capacity to withstand bending moments. Even pressures distribution. No shaft hub axial movement.



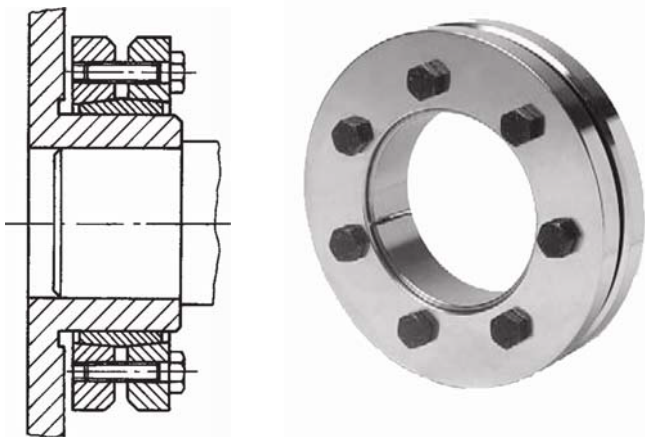
TECHNOLOC - FX

Available for shaft diameters from 25 to 600 mm. Application economically advantageous. Very high torques. Capacity to withstand bending moments. Standard sizes.



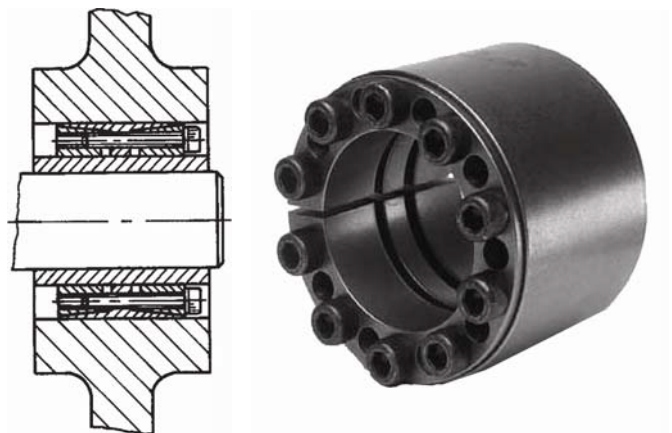
TECHNOLOC - SD

Available for shaft diameters from 12 to 620 mm. Medium-high torque. No shaft-hub axial movement. Limited installation time. Quick dismantling.



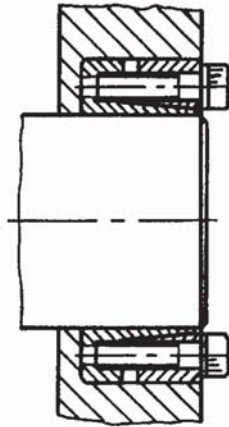
TECHNOLOC - FL

Suitable for assemblies where special. Even heavy-duty conditions are required. Achieving maximum friction clamping results. Incorporates the best features of all the models presented. Operates with very high torque values.



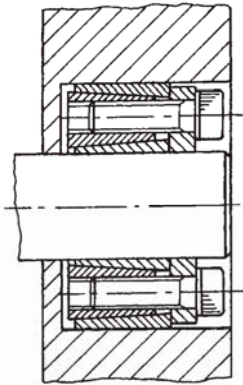
TECHNOLOC - W

Suitable for assemblies where a medium high twisting moment is required. Operates in the opposite mode to TECHNOLOC - G.



TECHNOLOC - G

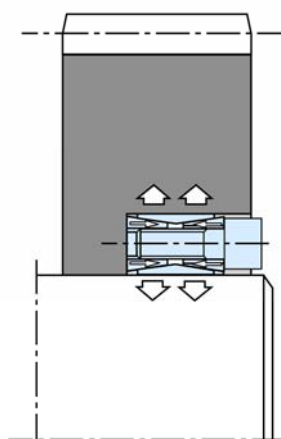
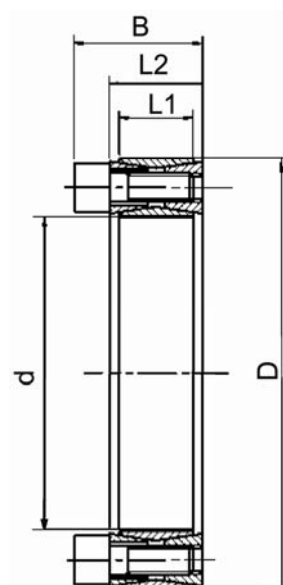
Suitable for applications where medium low twisting moments are required. With easy rapid assembly and disassembly. Not self-centring.



$M_t[Nm]$:	Transmissible torque
$F_t[N]$:	Transmissible axial force
$P_w [N/mm^2]$	Shaft surface pressure
$P_n [N/mm^2]$	Hub surface pressure
$M_s[Nm]$	Screw tightening torque

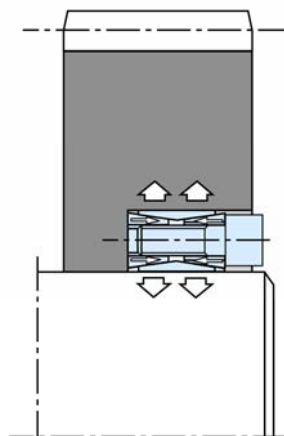
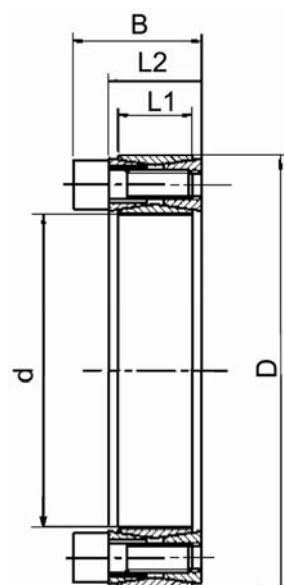
TECHNOLOC - A

Dimensions				Performances		Pression		Clamping screws DIN-12.9		
dxD [mm]	L1 [mm]	L2 [mm]	B [mm]	Ft [N]	M t [Nm]	Pw [N/mm ²]	Pn [N/mm ²]	Qty.	Type	Ms [Nm]
20x47	17	20	27.5	27000	270	210	90	8	M6	15
22x47	17	20	27.5	27000	300	195	90	8	M6	15
24x50	17	20	27.5	30000	360	195	95	8	M6	15
25x50	17	20	27.5	30000	380	190	95	8	M6	15
28x55	17	20	27.5	33000	470	185	95	10	M6	15
30x55	17	20	27.5	33000	500	175	95	10	M6	15
32x60	17	20	27.5	40000	630	192	105	12	M6	15
35x60	17	20	27.5	40000	700	180	105	12	M6	15
38x65	17	20	27.5	46000	870	188	110	14	M6	15
40x65	17	20	27.5	46000	920	180	110	14	M6	15
42x75	20	24	33.5	72000	1500	226	125	12	M8	37
45x75	20	24	33.5	72000	1610	210	125	12	M8	37
48x80	20	24	33.5	71000	1700	196	115	12	M8	37
50x80	20	24	33.5	71000	1770	190	115	12	M8	37
55x85	20	24	33.5	83000	2270	200	130	14	M8	37
60x90	20	24	33.5	83000	2470	180	120	14	M8	37
65x95	20	24	33.5	93000	3040	190	130	16	M8	37
70x110	24	28	39.5	132000	4600	210	130	14	M10	70
75x115	24	28	39.5	131000	4900	195	125	14	M10	70
80x120	24	28	39.5	131000	5200	180	120	14	M10	70
85x125	24	28	39.5	148000	6300	195	130	16	M10	70
90x130	24	28	39.5	147000	6600	180	125	16	M10	70
95x135	24	28	39.5	167000	7900	195	135	18	M10	70
100x145	26	33	47	192000	9600	195	135	14	M12	127
110x155	26	33	47	191000	10500	180	125	14	M12	127
120x165	26	33	47	218000	13100	185	135	16	M12	127
130x180	34	38	52	272000	17600	165	115	20	M12	127
140x190	34	38	52	298000	20900	165	125	22	M12	127
150x200	34	38	52	324000	24200	170	125	24	M12	127
160x210	34	38	52	350000	28000	170	130	26	M12	127
170x225	38	44	60	386000	32800	160	120	22	M14	195
180x235	38	44	60	420000	37800	165	125	24	M14	195
190x250	46	52	68	490000	46500	150	115	28	M14	195
200x260	46	52	68	525000	52500	150	115	30	M14	195
220x285	50	56	74	620000	68000	150	115	26	M16	300
240x305	50	56	74	715000	85500	160	125	30	M16	300



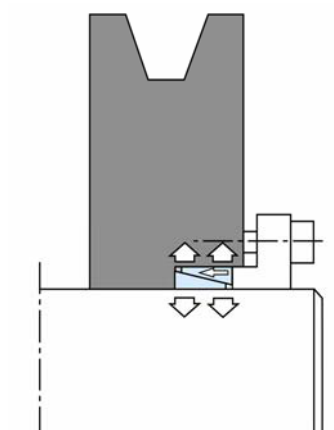
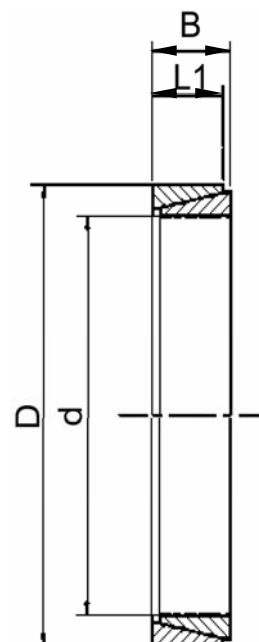
TECHNOLOC - A

Dimensions				Performances		Pression		Clamping screws DIN-12.9		
dxD	L1	L2	B	Ft	M t	Pw	Pn	Qty.	Type	Ms
[mm]	[mm]	[mm]	[mm]	[N]	[Nm]	[N/mm ²]	[N/mm ²]			[Nm]
260x325	50	56	74	800000	104000	165	130	34	M16	300
280x355	60	66	86.5	915000	128000	145	115	32	M18	410
300x375	60	66	86.5	1020000	153000	150	120	36	M18	410
320x405	72	78	100.5	1310000	210000	150	120	36	M20	590
340x425	72	78	100.5	1310000	224000	145	115	36	M20	590
360x455	84	90	116	1630000	294000	145	115	36	M22	790
380x475	84	90	116	1620000	308000	135	110	36	M22	790
400x495	84	90	116	1610000	322000	130	105	36	M22	790
420x515	84	90	116	1780000	370000	135	110	40	M22	790
440x545	96	102	130	2050000	450000	130	105	40	M24	1000
460x565	96	102	130	2030000	465000	125	100	40	M24	1000
480x585	96	102	130	2150000	505000	125	100	42	M24	1000
500x605	96	102	130	2200000	553000	125	100	44	M24	1000
520x630	96	102	130	2300000	592000	125	100	45	M24	1000
540x650	96	102	130	2320000	618000	120	100	45	M24	1000
560x670	96	102	130	2430000	670000	120	100	48	M24	1000
580x690	96	102	130	2520000	727000	120	100	50	M24	1000
600x710	96	102	130	2565000	770000	120	100	50	M24	1000
620x730	96	102	130	2647000	818000	120	100	52	M24	1000
640x750	96	102	130	2698000	860000	115	100	54	M24	1000
660x770	96	102	130	2790000	919000	120	100	56	M24	1000
680x790	96	102	130	2820000	955000	115	100	56	M24	1000
700x810	96	102	130	2945000	1018000	115	100	60	M24	1000
720x830	96	102	130	2965000	1060000	115	100	60	M24	1000
740x850	96	102	130	3065000	1128000	115	100	62	M24	1000
760x870	96	102	130	3170000	1200000	115	100	64	M24	1000
780x890	96	102	130	3205000	1235000	115	100	65	M24	1000
800x910	96	102	130	3260000	1287000	115	100	66	M24	1000
820x930	96	102	130	3330000	1360000	115	100	68	M24	1000
840x950	96	102	130	3445000	1435000	115	100	70	M24	1000
860x970	96	102	130	3525000	1510000	115	100	72	M24	1000
880x990	96	102	130	3610000	1578000	115	100	74	M24	1000
900x1010	96	102	130	3660000	1635000	115	100	75	M24	1000



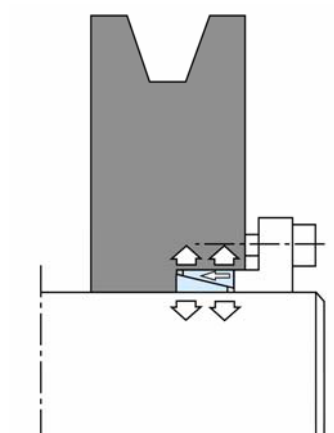
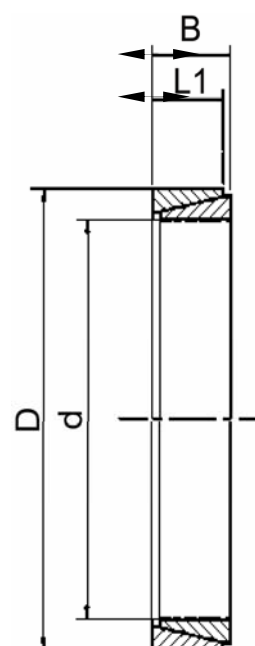
TECHNOLOC - C

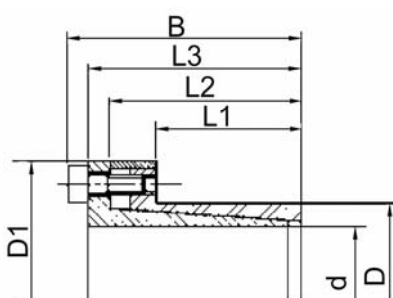
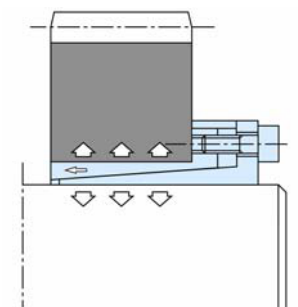
Dimensions			Ft [N]	Performances	Pression	
dxD [mm]	B [mm]	L1 [mm]		Mt [Nm]	Pw [N/mm ²]	Pn [N/mm ²]
6x9	4.5	3.7	840	2.5	115	75
7x10	4.5	3.7	860	3.0	105	70
8x11	4.5	3.7	1170	4.7	120	90
9x12	4.5	3.7	1760	7.9	140	105
10x13	4.5	3.7	1910	9.5	135	105
12x15	4.5	3.7	1910	11.4	115	90
13x16	4.5	3.7	2020	13.1	110	90
14x18	6.3	5.3	3180	22.3	115	90
15x19	6.3	5.3	3240	24.3	110	85
16x20	6.3	5.3	3420	27.3	105	85
17x21	6.3	5.3	3510	29.8	105	85
18x22	6.3	5.3	3610	32.4	100	80
19x24	6.3	5.3	5220	49.0	140	110
20x25	6.3	5.3	5330	53.0	135	105
22x26	6.3	5.3	6000	66.0	135	115
24x28	6.3	5.3	6130	73.0	130	110
25x30	6.3	5.3	5770	72.0	115	95
28x32	6.3	5.3	6330	86.0	115	100
30x35	6.3	5.3	6080	91.0	100	85
32x36	6.3	5.3	8240	131.0	130	115
35x40	7	6	9770	171.0	125	110
36x42	7	6	9390	169.0	115	100
38x44	7	6	9550	181.0	110	95
40x45	8	6.6	11570	231.0	115	105
42x48	8	6.6	11220	235.0	110	95
45x52	10	8.6	15710	353.0	105	95
48x55	10	8.6	23840	572.0	155	135
50x57	10	8.6	24080	602.0	150	130
55x62	10	8.6	24350	670.0	140	125
56x64	12	10.4	28200	790.0	130	115
60x68	12	10.4	28600	860.0	125	110
63x71	12	10.4	28800	910.0	120	105
65x73	12	10.4	29200	950.0	115	100
70x79	14	12.2	39400	1380.0	125	110
71x80	14	12.2	39400	1400.0	120	110
75x84	14	12.2	38600	1450.0	115	100
80x91	17	15	55000	2200.0	125	105
85x96	17	15	56400	2400.0	120	105
90x101	17	15	60500	2730.0	120	105
95x106	17	15	64200	3050.0	120	110



TECHNOLOC - C

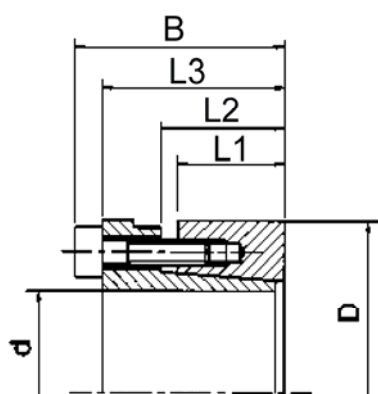
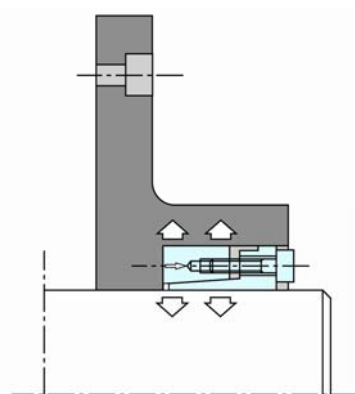
Dimensions			Ft [N]	Performances	Pression	
dxD [mm]	B [mm]	L1 [mm]		Mt [Nm]	Pw [N/mm ²]	Pn [N/mm ²]
100x114	21	18.7	84000	4200.0	120	105
110x124	21	18.7	93600	5150.0	120	105
120x134	21	18.7	100800	6050.0	120	105
130x148	28	25.3	147600	9600.0	120	105
140x158	28	25.3	158500	11000.0	120	105
150x168	28	25.3	172000	12900.0	120	105
160x178	28	25.3	182500	14600.0	120	110
170x191	33	30	229000	19500.0	120	105
180x201	33	30	236000	21300.0	120	105
190x211	33	30	255000	24200.0	120	110
200x224	38	34.8	310000	31000.0	120	105
210x234	38	34.8	333000	35000.0	120	110
220x244	38	34.8	345000	38000.0	120	110
230x257	43	39.5	408000	47000.0	120	105
240x267	43	39.5	425000	51000.0	120	110
250x280	48	44	415000	52000.0	100	90
260x290	48	44	435000	56500.0	100	90
270x300	48	44	450000	61000.0	100	90
280x313	53	49	520000	72500.0	100	90
290x323	53	49	535000	77500.0	100	90
300x333	53	49	555000	83000.0	100	90
320x360	65	59	710000	114000.0	100	90
340x380	65	59	755000	128500.0	100	90
360x400	65	59	800000	144000.0	100	90
380x420	65	59	845000	160500.0	100	90
400x440	65	59	890000	178000.0	100	90
420x460	65	59	935000	196000.0	100	90
440x480	65	59	980000	215000.0	100	90
460x500	65	59	1020000	235000.0	100	90
480x520	65	59	1070000	256000.0	100	90
500x540	65	59	1110000	278000.0	100	90
520x570	80	73	1430000	372000.0	100	90
540x590	80	73	1480000	400000.0	100	90





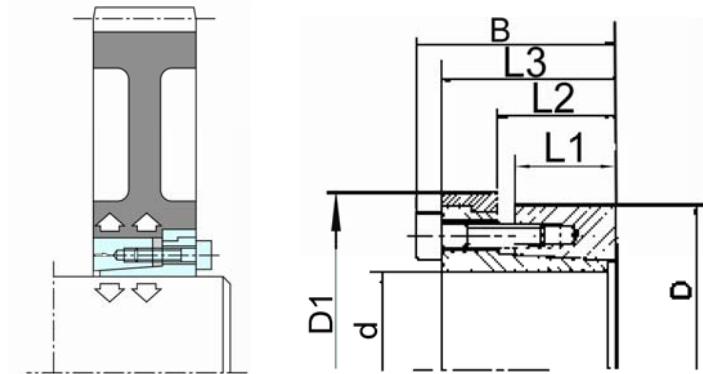
TECHNOLOC - B

Dimensions						Performances		Pression		Clamping screws DIN 912-12.9		
dxD [mm]	L1 [mm]	L2 [mm]	L3 [mm]	B [mm]	D1 [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]	Qty.	Type	Ms [Nm]
6x14	10	18.5	21	24	25	13	4500	190	80	3	M3	2
7x15	12	22	25	29	27	24	6500	230	110	3	M4	4.9
8x15	12	22	25	29	27	25	6650	210	110	3	M4	4.9
9x16	14	23	26	30	28	45	9980	210	120	4	M4	4.9
10x16	14	23	26	30	28	49	9980	190	120	4	M4	4.9
11x18	14	23	26	30	32	54	9980	170	105	4	M4	4.9
12x18	14	23	26	30	32	60	9980	155	105	4	M4	4.9
13x23	14	23	26	30	38	63	9980	145	85	4	M4	4.9
14x23	14	23	26	30	38	70	9980	135	85	4	M4	4.9
15x24	16	29	36	42	45	120	17100	185	120	3	M6	17
16x24	16	29	36	42	45	140	17100	180	120	3	M6	17
17x26	18	31	38	44	47	180	22000	190	125	4	M6	17
18x26	18	31	38	44	47	200	22000	180	125	4	M6	17
19x27	18	31	38	44	49	210	22000	170	120	4	M6	17
20x28	18	31	38	44	50	220	22000	160	115	4	M6	17
22x32	25	38	45	51	54	250	22000	115	80	4	M6	17
24x34	25	38	45	51	56	270	22000	105	75	4	M6	17
25x34	25	38	45	51	56	280	22000	100	75	4	M6	17
28x39	25	38	45	51	61	465	33000	135	100	6	M6	17
30x41	25	38	45	51	62	510	33000	125	90	6	M6	17
32x43	25	38	45	51	65	540	33000	120	90	6	M6	17
35x47	32	45	52	58	69	790	45000	105	80	8	M6	17
38x50	32	45	52	58	72	860	45000	100	75	8	M6	17
40x53	32	45	52	58	75	900	45000	95	70	8	M6	17
42x55	32	45	52	58	78	950	45000	90	70	8	M6	17
45x59	45	62	70	78	86	1890	84000	110	85	8	M8	41
48x62	45	62	70	78	87	2010	84000	105	80	8	M8	41
50x65	45	62	70	78	92	2100	84000	100	75	8	M8	41
55x71	55	72	80	88	98	2600	94000	85	65	9	M8	41
60x77	55	72	80	88	104	2840	94000	75	60	9	M8	41
65x84	55	72	80	88	111	3070	94000	70	55	9	M8	41
70x90	65	86	96	106	119	5250	150000	90	70	9	M10	83
75x95	65	86	96	106	126	5600	150000	80	65	9	M10	83
80x100	65	86	96	106	131	8020	200000	100	80	12	M10	83
85x106	65	86	96	106	137	8500	200000	95	75	12	M10	83
90x112	65	86	96	106	144	9000	200000	90	75	12	M10	83
95x120	65	86	96	106	149	11000	230000	100	80	14	M10	83
100x125	65	86	96	106	154	15000	300000	120	95	18	M10	83
110x140	90	114	128	140	180	16000	290000	80	65	12	M12	145
120x155	90	114	128	140	198	17500	290000	70	55	12	M12	145
130x165	90	114	128	140	208	25000	384000	90	70	16	M12	145



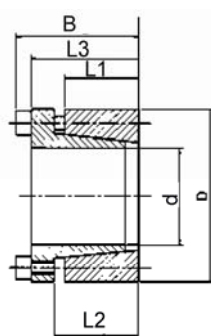
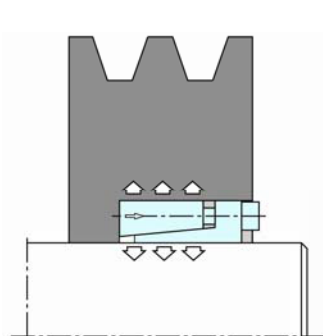
TECHNOLOC - D

Dimensions					Performances		Pression		Clamping screws DIN912-12.9		
dxD [mm]	B [mm]	L3 [mm]	L2 [mm]	L1 [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	PN [N/mm ²]	Qty.	Type	Ms [Nm]
20x47	48	42	29	26	540	54000	250	105	6	M6	17
22x47	48	42	29	26	600	54000	230	105	6	M6	17
24x50	48	42	29	26	650	54000	210	100	6	M6	17
25x50	48	42	29	26	680	54000	200	100	6	M6	17
28x55	48	42	29	26	760	54000	180	95	6	M6	17
30x55	48	42	29	26	820	54000	170	95	6	M6	17
32x60	48	42	29	26	1310	82000	235	125	9	M6	17
35x60	48	42	29	26	1440	82000	215	125	9	M6	17
38x65	48	42	29	26	1560	82000	200	115	9	M6	17
40x65	48	42	29	26	1640	82000	190	115	9	M6	17
42x75	59	51	34.4	30	2130	101000	215	120	6	M8	41
45x75	59	51	34.4	30	2280	101000	200	120	6	M8	41
48x80	59	51	34.4	30	2430	101000	190	115	6	M8	41
50x80	59	51	34.4	30	2530	101000	180	115	6	M8	41
55x85	59	51	34.4	30	4180	152000	245	160	9	M8	41
60x90	59	51	34.4	30	4560	152000	225	150	9	M8	41
65x95	59	51	34.4	30	4940	152000	210	145	9	M8	41
70x110	66	56	45	40	6500	186000	175	110	7	M10	83
75x115	66	56	45	40	9000	186000	165	110	7	M10	83
80x120	66	56	45	40	7400	186000	155	100	7	M10	83
85x125	66	56	45	40	9000	213000	170	115	8	M10	83
90x130	66	56	45	40	9600	213000	160	110	8	M10	83
95x135	66	56	45	40	12600	267000	185	130	10	M10	83
100x145	77	65	52	46	13300	270000	160	105	7	M12	145
110x155	77	65	52	46	14700	270000	140	100	7	M12	145
120x165	77	65	52	46	18400	309000	150	110	8	M12	145
130x180	77	65	52	46	25100	388000	175	125	10	M12	145
140x190	87.5	73.5	58.5	51	40150	586000	220	160	11	M14	230
150x200	87.5	73.5	58.5	51	47000	639000	225	165	12	M14	230
160x210	87.5	73.5	58.5	51	54300	692000	225	170	13	M14	230
170x225	87.5	73.5	58.5	51	63000	746000	230	175	14	M14	230
180x235	87.5	73.5	58.5	51	66000	746000	215	170	14	M14	230



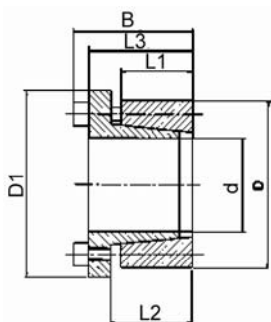
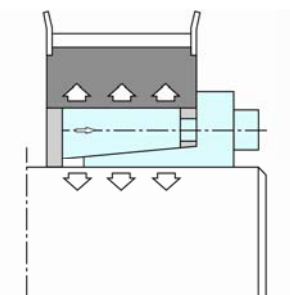
TECHNOLOC - DX

Dimensions						Performances		Pression		Clamping screws DIN912-12.9		
dxD	B	L3	L2	L1	D1	Mt	Ft	Pw	PN	Qty.	Type	Ms
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[Nm]	[N]	[N/mm ²]	[N/mm ²]			[Nm]
20x47	48	42	29	26	53	330	33600	155	65	6	M6	17
22x47	48	42	29	26	53	370	33600	145	65	6	M6	17
24x50	48	42	29	26	56	400	33600	140	60	6	M6	17
25x50	48	42	29	26	56	420	33600	125	60	6	M6	17
28x55	48	42	29	26	61	470	33600	110	60	6	M6	17
30x55	48	42	29	26	61	510	33600	105	60	6	M6	17
32x60	48	42	29	26	66	810	51000	145	80	9	M6	17
35x60	48	42	29	26	66	890	51000	135	80	9	M6	17
38x65	48	42	29	26	71	970	51000	125	70	9	M6	17
40x65	48	42	29	26	71	1020	51000	120	70	9	M6	17
42x75	59	51	34.4	30	81	1320	62800	135	75	6	M8	41
45x75	59	51	34.4	30	81	1410	62800	125	75	6	M8	41
48x80	59	51	34.4	30	86	1510	62800	120	70	6	M8	41
50x80	59	51	34.4	30	86	1570	62800	110	70	6	M8	41
55x85	59	51	34.4	30	91	2600	94600	150	100	9	M8	41
60x90	59	51	34.4	30	96	2830	94600	140	95	9	M8	41
65x95	59	51	34.4	30	102	3070	94600	130	90	9	M8	41
70x110	66	56	45	40	117	4000	116000	110	70	7	M10	83
75x115	66	56	45	40	122	4300	116000	100	65	7	M10	83
80x120	66	56	45	40	127	4600	116000	100	65	7	M10	83
85x125	66	56	45	40	132	5600	133000	105	70	8	M10	83
90x130	66	56	45	40	137	6000	133000	100	70	8	M10	83
95x135	66	56	45	40	142	7900	166800	115	80	10	M10	83
100x145	77	65	52	46	153	8470	169000	100	65	7	M12	145
110x155	77	65	52	46	163	9200	169000	90	65	7	M12	145
120x165	77	65	52	46	173	11600	193000	90	70	8	M12	145
130x180	77	65	52	46	188	15700	242000	110	80	10	M12	145
140x190	87.5	73.5	58.5	51	199	25300	366000	135	100	11	M14	230
150x200	87.5	73.5	58.5	51	209	29500	399000	140	105	12	M14	230
160x210	87.5	73.5	58.5	51	219	31900	432000	140	110	13	M14	230
170x225	87.5	73.5	58.5	51	234	39500	466000	145	110	14	M14	230
180x235	87.5	73.5	58.5	51	244	41500	466000	135	105	14	M14	230



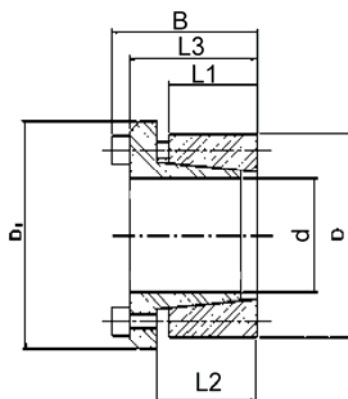
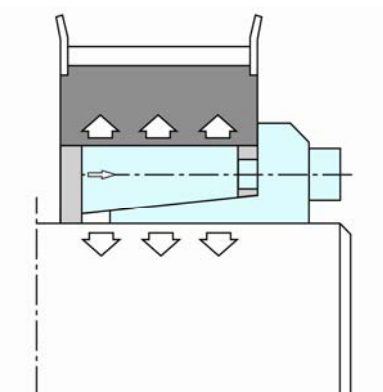
TECHNOLOC - DS

Dimensions					Performances		Pression		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L3 [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	PN [N/mm ²]	Qty.	Type	Ms [Nm]
20x47	17	22	28	34	380	38000	295	125	5	M6	14
22x47	17	22	28	34	410	38000	270	125	5	M6	14
24x50	17	22	28	34	450	38000	245	120	5	M6	14
25x50	17	22	28	34	570	45600	285	140	6	M6	14
28x55	17	22	28	34	630	45600	255	130	6	M6	14
30x55	17	22	28	34	660	45600	235	130	6	M6	14
32x60	17	22	28	34	970	60500	295	155	8	M6	14
35x60	17	22	28	34	1060	60500	270	155	8	M6	14
38x65	17	22	28	34	1150	60500	250	145	8	M6	14
40x65	17	22	28	34	1210	60500	235	145	8	M6	14
42x75	20	25	33	41	2050	98000	300	170	7	M8	35
45x75	20	25	33	41	2200	98000	290	170	7	M8	35
48x80	20	25	33	41	2350	98000	270	160	7	M8	35
50x80	20	25	33	41	2450	98000	260	160	7	M8	35
55x85	20	25	33	41	3080	112000	270	175	8	M8	35
60x90	20	25	33	41	3360	112000	245	165	8	M8	35
65x95	20	25	33	41	4090	126000	255	175	9	M8	35
70x110	24	30	40	50	6300	179000	280	180	8	M10	70
75x115	24	30	40	50	6700	179000	260	170	8	M10	70
80x120	24	30	40	50	7150	179000	250	170	8	M10	70
85x125	24	30	40	50	8500	200000	260	180	9	M10	70
90x130	24	30	40	50	9100	200000	250	170	9	M10	70
95x135	24	30	40	50	10600	224000	260	180	10	M10	70
100x145	26	32	44	56	13400	268000	270	190	8	M12	125
110x155	26	32	44	56	14600	268000	240	180	8	M12	125
120x165	26	32	44	56	17900	298000	250	180	9	M12	125
130x180	34	40	54	64	26000	400000	240	170	12	M12	125
140x190	34	40	54	68	27000	384000	210	150	9	M14	190
150x200	34	40	54	68	33000	440000	230	170	10	M14	190
160x210	34	40	54	68	38000	479000	230	170	11	M14	190
170x225	44	50	64	78	45000	530000	180	130	12	M14	190
180x235	44	50	64	78	47000	530000	170	130	12	M14	190
190x250	44	50	64	78	62900	660000	210	150	15	M14	190
200x260	44	50	64	78	66000	660000	190	150	15	M14	190



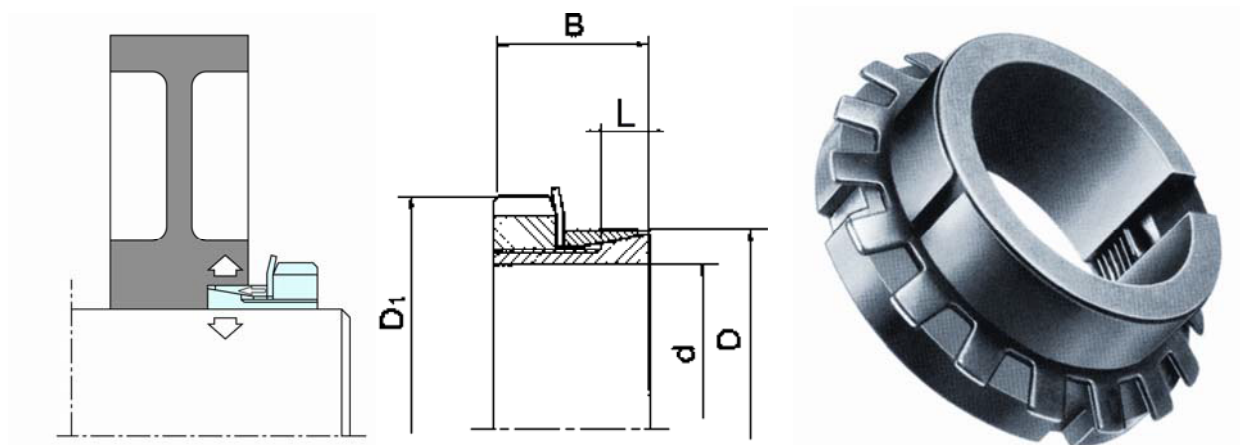
TECHNOLOC - ES

Dimensions						Performances		Pression		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L3 [mm]	B [mm]	D1 [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	PN [N/mm ²]	Qty.	Type	Ms [Nm]
20x47	17	22	28	34	56	280	28000	220	95	5	M6	17
22x47	17	22	28	34	56	300	28000	200	95	5	M6	17
24x50	17	22	28	34	59	330	28000	180	90	5	M6	17
25x50	17	22	28	34	59	420	34000	210	105	6	M6	17
28x55	17	22	28	34	64	470	34000	190	95	6	M6	17
30x55	17	22	28	34	64	500	34000	175	95	6	M6	17
32x60	17	22	28	34	69	720	45000	220	115	8	M6	17
35x60	17	22	28	34	69	790	45000	200	115	8	M6	17
38x65	17	22	28	34	74	850	45000	185	105	8	M6	17
40x65	17	22	28	34	74	900	45000	175	105	8	M6	17
42x75	20	25	33	41	84	1530	73000	225	125	7	M8	41
45x75	20	25	33	41	84	1650	73000	215	125	7	M8	41
48x80	20	25	33	41	89	1760	73000	200	120	7	M8	41
50x80	20	25	33	41	89	1830	73000	195	120	7	M8	41
55x85	20	25	33	41	94	2300	83500	200	130	8	M8	41
60x90	20	25	33	41	99	2510	83500	185	125	8	M8	41
65x95	20	25	33	41	104	3060	94000	190	130	9	M8	41
70x110	24	30	40	50	119	4670	133000	210	135	8	M10	83
75x115	24	30	40	50	124	5000	133000	195	125	8	M10	83
80x120	24	30	40	50	129	5300	133000	185	125	8	M10	83
85x125	24	30	40	50	134	6300	148000	195	135	9	M10	83
90x130	24	30	40	50	139	6750	148000	185	130	9	M10	83
95x135	24	30	40	50	144	7900	166000	195	135	10	M10	83
100x145	26	32	44	56	154	9700	194000	200	140	8	M12	145
110x155	26	32	44	56	164	10600	194000	180	130	8	M12	145
120x165	26	32	44	56	174	13000	216000	185	135	9	M12	145
130x180	34	40	54	64	189	18900	290000	175	125	12	M12	145
140x190	34	40	54	68	199	20500	290000	165	120	9	M14	230
150x200	34	40	54	68	209	25000	333000	175	130	10	M14	230
160x210	34	40	54	68	219	29000	362000	180	135	11	M14	230
170x225	44	50	64	78	234	34000	400000	140	105	12	M14	230
180x235	44	50	64	78	244	36000	400000	135	105	12	M14	230
190x250	44	50	64	78	259	47500	500000	160	120	15	M14	230
200x260	44	50	64	78	269	50000	500000	150	115	15	M14	230



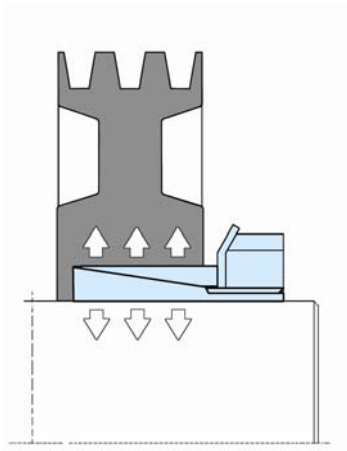
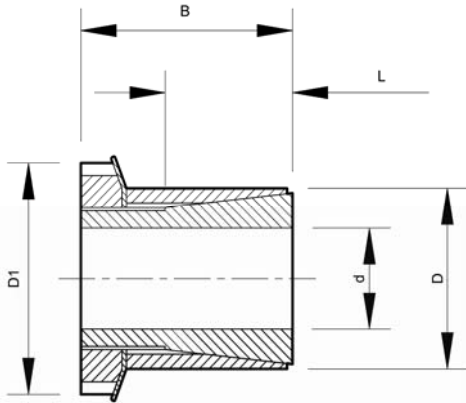
TECHNOLOC - EP

Dimensions						Performances		Pression		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L3 [mm]	B [mm]	D1 [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	PN [N/mm ²]	Qty.	Type	Ms [Nm]
14x55	17	22	30	38	62	120	18100	205	55	3	M8	25
16x55	17	22	30	38	62	140	18100	180	55	3	M8	25
18x55	17	22	30	38	62	150	18100	160	55	3	M8	25
19x55	17	22	30	38	62	160	18100	150	55	3	M8	25
20x55	17	22	30	38	62	170	18100	145	55	3	M8	25
22x55	17	22	30	38	62	280	25300	185	75	3	M8	35
24x55	17	22	30	38	62	300	25300	170	75	3	M8	35
25x55	17	22	30	38	62	310	25300	165	75	3	M8	35
28x55	17	22	30	38	62	430	31400	175	90	3	M8	41
30x55	17	22	30	38	62	470	31400	165	90	3	M8	41
24x65	17	22	30	38	72	440	37400	245	90	5	M8	30
25x65	17	22	30	38	72	460	37400	235	90	5	M8	30
28x65	17	22	30	38	72	600	43600	245	105	5	M8	35
30x65	17	22	30	38	72	640	43600	230	105	5	M8	35
32x65	17	22	30	38	72	690	43600	215	105	5	M8	35
35x65	17	22	30	38	72	910	52500	235	130	5	M8	41
38x65	17	22	30	38	72	990	52500	220	130	5	M8	41
40x65	17	22	30	38	72	1050	52500	205	130	5	M8	41
30x80	20	25	33	41	87	780	52400	235	90	7	M8	30
32x80	20	25	33	41	87	830	52400	220	90	7	M8	30
35x80	20	25	33	41	87	1060	61000	230	100	7	M8	35
38x80	20	25	33	41	87	1150	61000	215	100	7	M8	35
40x80	20	25	33	41	87	1220	61000	205	100	7	M8	35
42x80	20	25	33	41	87	1540	73500	235	120	7	M8	41
45x80	20	25	33	41	87	1650	73500	220	120	7	M8	41
48x80	20	25	33	41	87	1760	73500	205	120	7	M8	41
50x80	20	25	33	41	87	1830	73500	195	120	7	M8	41



TECHNOLOC - H

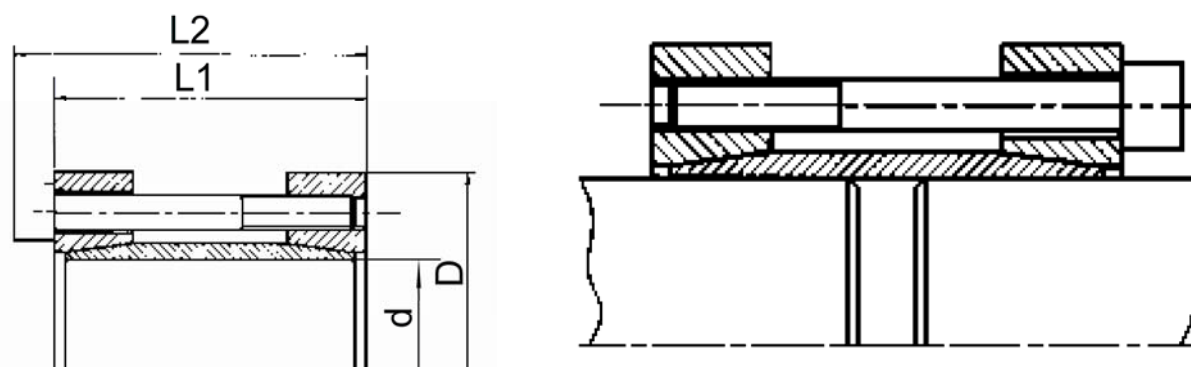
Dimensions				Performances		Pression		Nut	Ms [Nm]
dxD [mm]	D1 [mm]	L [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	PN [N/mm ²]		
14x25	32	6.5	16.5	38	5100	200	110	KM4	95
15x25	32	6.5	16.5	41	5500	185	110	KM4	95
16x25	32	6.5	16.5	43	5450	174	110	KM4	95
17x26	32	6.5	16.5	47	5500	164	107	KM4	95
18x26	32	6.5	16.5	49	5400	155	107	KM4	95
19x30	38	6.5	18	62	6600	176	112	KM5	160
20x30	38	6.5	18	66	6600	167	111	KM5	160
22x32	38	6.5	18	73	6600	152	105	KM5	160
24x35	45	6.5	18	105	8750	185	127	KM6	220
25x35	45	6.5	18	110	8800	178	127	KM6	220
28x36	45	6.5	18	120	8550	159	124	KM6	220
30x40	52	7	19.5	160	10600	164	123	KM7	340
32x42	52	7	19.5	170	10600	154	117	KM7	340
35x45	58	8	21.5	230	13100	153	120	KM8	480
36x45	58	8	21.5	240	13300	149	120	KM8	480
38x48	58	8	21.5	250	13100	141	112	KM8	480
40x52	65	10	24.5	310	15500	120	93	KM9	680
42x55	65	10	25.5	320	15200	114	87	KM9	680
45x57	70	10	25.5	400	17700	122	96	KM10	870
48x62	75	10	25.5	500	20800	135	105	KM11	970
50x62	75	10	25.5	520	20800	130	105	KM11	970
55x68	80	12	27.5	610	22000	103	84	KM12	1100
56x68	80	12	27.5	620	22000	101	82	KM12	1100
60x73	85	12	28.5	800	26600	113	93	KM13	1300
63x79	92	14	30.5	980	31100	107	86	KM14	1600
65x79	92	14	30.5	1010	31000	104	86	KM14	1600
70x84	98	14	31.5	1240	35400	110	92	KM15	2000



TECHNOLOC - I

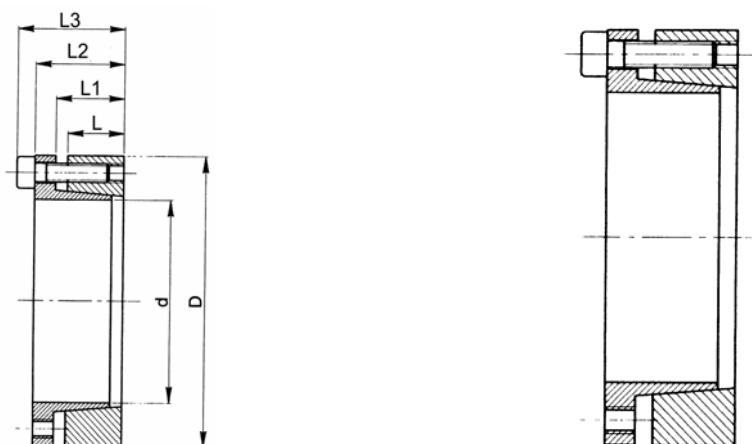
Dimensions				Performances		Pressure		Nut	Ms [Nm]
dxD [mm]	D1 [mm]	L [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]		
14x25	32	20	30	64	9000	85	45	KM4	95
15x25	32	20	30	70	9000	80	45	KM4	95
16x25	32	20	30	73	9000	75	45	KM4	95
17x25	32	20	32	80	9000	70	45	KM4*	95
18x30	38	20	32	100	10000	80	45	KM5	160
19x30	38	20	32	105	11000	75	45	KM5	160
20x30	38	20	32	112	11000	70	45	KM5	160
22x35	45	25	36	163	14000	70	45	KM6	220
24x35	45	25	36	178	14000	65	45	KM6	220
25x35	45	25	36	185	14000	60	45	KM6	220
28x40	52	30	42	250	17000	55	40	KM7	340
30x40	52	30	42	270	17000	50	40	KM7	340
32x45	58	30	44	350	21000	60	45	KM8	480
35x45	58	30	44	390	21000	55	45	KM8	480
38x50	65	30	45	500	26000	60	45	KM9	680
40x50	65	30	45	520	26000	55	45	KM9	680
42x55	70	30	46	630	30000	65	50	KM10	870
45x55	70	30	46	680	30000	60	50	KM10	870
48x60	75	30	46	840	35000	60	50	KM11	970
50x60	75	30	46	880	35000	60	50	KM11	970
55x65	80	30	46	1030	37000	60	50	KM12	1100
60x70	85	30	52	1360	45000	65	55	KM13	1300

* Without washer



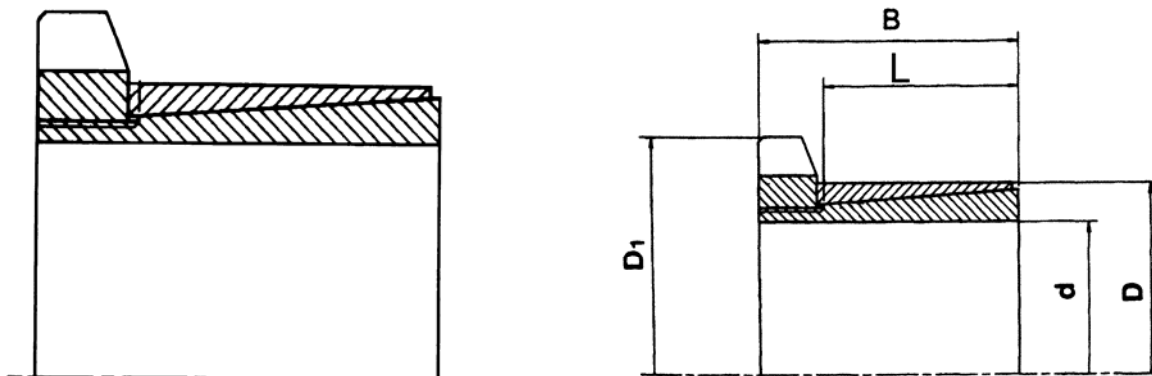
TECHNOLOC - M

Dimensions			Performances		Clamping screws DIN912-12,9		
dxD [mm]	L2 [mm]	L1 [mm]	Mt [Nm]	Ft [N]	QTY.	Type	Ms [Nm]
17x50	56	50	210	24500	4	M6	17
18x50	56	50	230	24500	4	M6	17
19x50	56	50	240	24500	4	M6	17
20x50	56	50	250	24500	4	M6	17
22x55	66	60	270	24500	4	M6	17
24x55	66	60	300	24500	4	M6	17
25x55	66	60	460	36500	6	M6	17
28x60	66	60	520	36500	6	M6	17
30x60	66	60	560	36500	6	M6	17
32x63	66	60	590	36500	6	M6	17
35x75	83	75	770	45500	4	M8	41
38x75	83	75	860	45500	4	M8	41
40x75	83	75	910	45500	4	M8	41
42x78	83	75	940	45500	4	M8	41
45x85	93	85	1530	67500	6	M8	41
48x90	93	85	1610	67500	6	M8	41
50x90	93	85	1700	67500	6	M8	41
55x94	93	85	2460	90500	8	M8	41
60x100	93	85	2720	90500	8	M8	41
65x105	93	85	2940	90500	8	M8	41
70x115	110	100	3780	107500	6	M10	83
75x125	110	100	4040	107500	6	M10	83
80x125	110	100	4300	107500	6	M10	83



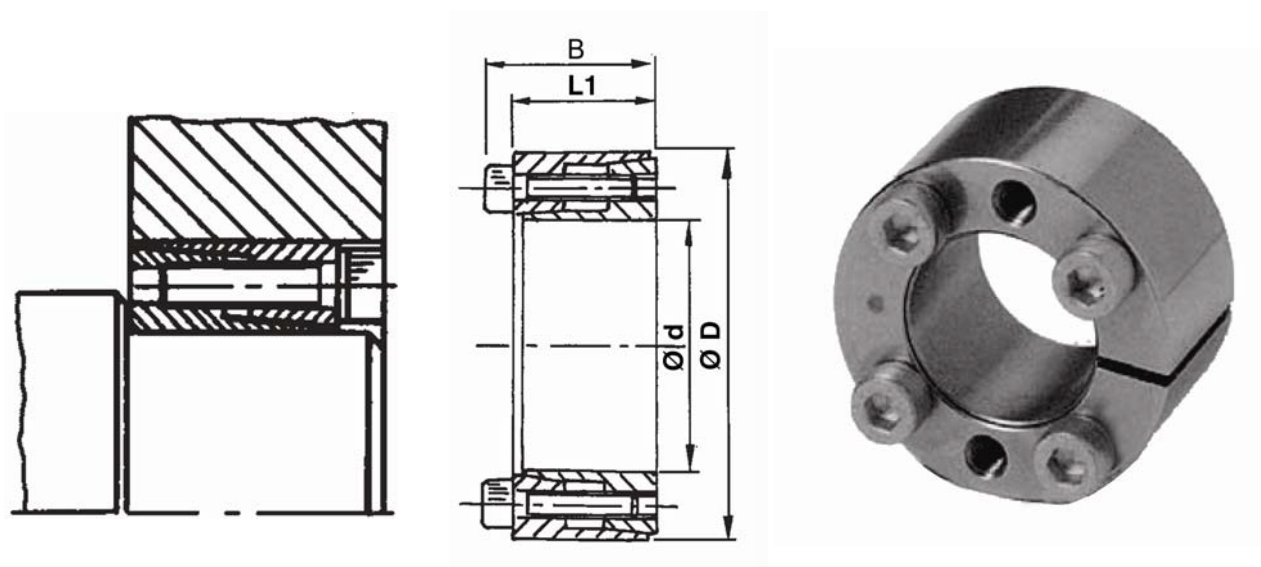
P.M LOCK 11

Dimensions					Performances		Pressure		Clamping screws DIN912-12.9		
dxD [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pw [N/mm ²]	QTY.	Type	Ms [Nm]
18x40	12	15	20	24	210	23700	235	130	6	M4	5
19x41	12	15	20	24	220	23700	220	128	6	M4	5
20x42	12	15	20	24	270	27700	245	145	7	M4	5
22x44	12	15	20	24	300	27700	225	140	7	M4	5
24x46	12	15	20	24	330	27700	205	135	7	M4	5
25x47	12	15	20	24	340	27700	195	130	7	M4	5
28x50	12	15	20	24	500	35600	225	155	9	M4	5
30x52	12	15	20	24	530	35600	210	151	9	M4	5
32x54	12	15	20	24	570	35600	197	146	9	M4	5
35x57	16	19	24	28	690	39500	158	115	10	M4	5
36x58	16	19	24	28	710	39500	155	113	10	M4	5
38x60	16	19	24	28	830	43500	160	120	11	M4	5
40x62	16	19	24	28	870	43500	150	116	11	M4	5
42x70	19	23	30	36	1530	73000	200	146	8	M6	17
45x73	19	23	30	36	1640	73000	185	140	8	M6	17
48x76	19	23	30	36	1750	73000	175	134	8	M6	17
50x78	19	23	30	36	1820	73000	165	131	8	M6	17
55x83	19	23	30	36	2000	73000	150	123	8	M6	17
56x84	19	23	30	36	2040	73000	150	120	8	M6	17
60x88	19	23	30	36	2460	82100	158	130	9	M6	17
63x91	19	23	30	36	2580	82100	150	125	9	M6	17
65x93	19	23	30	36	2660	82100	140	120	9	M6	17
70x105	23	28	37	45	4720	134800	180	148	8	M8	41
75x110	23	28	37	45	5050	134800	170	140	8	M8	41
80x115	23	28	37	45	5390	134800	160	135	8	M8	41
85x120	23	28	37	45	5730	134800	150	130	8	M8	41
90x125	23	28	37	45	7580	168500	170	156	10	M8	41



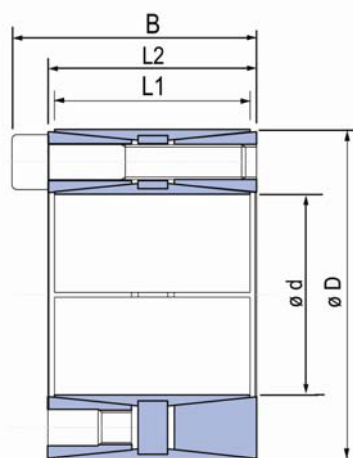
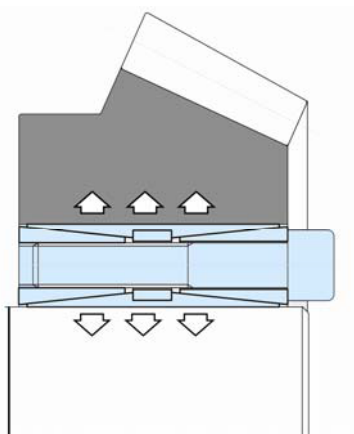
P.M LOCK 12

Dimensions				Performances		Pressure		Nut	Ms [Nm]
dxD [mm]	D1 [mm]	L [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]		
14x25	32	20	30	64	9000	85	45	KM4	95
15x25	32	20	30	70	9000	80	45	KM4	95
16x25	32	20	30	73	9000	75	45	KM4	95
17x25	32	20	32	80	9000	70	45	KM4	160
18x30	32	20	32	83	9000	65	40	KM4	160
19x30	38	20	32	105	11000	75	45	KM5	160
20x30	38	20	32	112	11000	70	45	KM5	160
22x35	45	25	36	163	14000	70	45	KM6	220
24x35	45	25	36	178	14000	65	45	KM6	220
25x35	45	25	36	185	14000	60	45	KM6	220
28x40	52	30	42	250	17000	55	40	KM7	340
30x40	52	30	42	270	17000	50	40	KM7	340
32x45	58	30	44	350	21000	60	45	KM8	480
35x45	58	30	44	390	21000	55	45	KM8	480
38x50	65	30	45	500	26000	60	45	KM9	680
40x50	65	30	45	520	26000	55	45	KM9	680
42x55	70	30	46	680	30000	60	50	KM10	870
45x55	70	30	46	680	30000	60	50	KM10	870
48x60	75	30	46	840	35000	60	50	KM11	970
50x60	75	30	46	880	35000	60	50	KM11	970
55x65	80	30	46	1030	37000	60	50	KM12	1100
60x70	85	30	52	1360	45000	65	55	KM13	1300



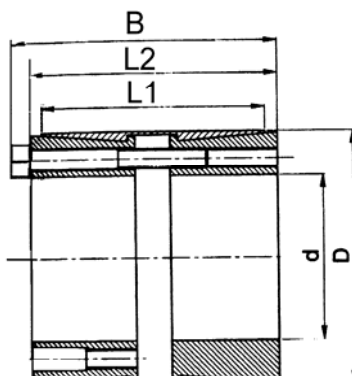
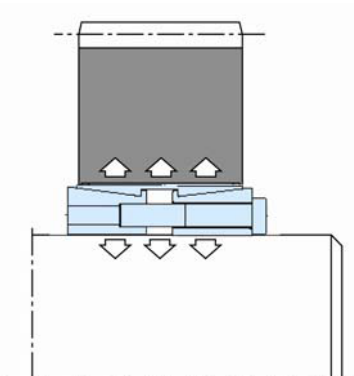
P.M LOCK 13

Dimensions			Pertormances	Pressure		Clamping screws DIN912-12.9		
dxD [mm]	L1 [mm]	B [mm]	Mt [Nm]	Pw [N/mm ²]	Pn [N/mm ²]	QTY.	Type	Ms [Nm]
10x20	13	15.5	15	110	55	4	M2.5	1.2
12x22	13	15.5	20	90	50	4	M2.5	1.2
14x26	17	20	35	105	55	4	M3	2.1
15x28	17	20	40	100	50	4	M3	2.1
16x32	17	21	70	130	65	4	M4	4.9
18x35	21	25	80	115	60	4	M4	4.9
19x35	21	25	85	110	60	4	M4	4.9
20x38	21	26	220	220	115	6	M5	10
22x40	21	26	240	200	110	6	M5	10
24x47	26	32	380	220	110	6	M6	17
25x47	26	32	390	210	110	6	M6	17



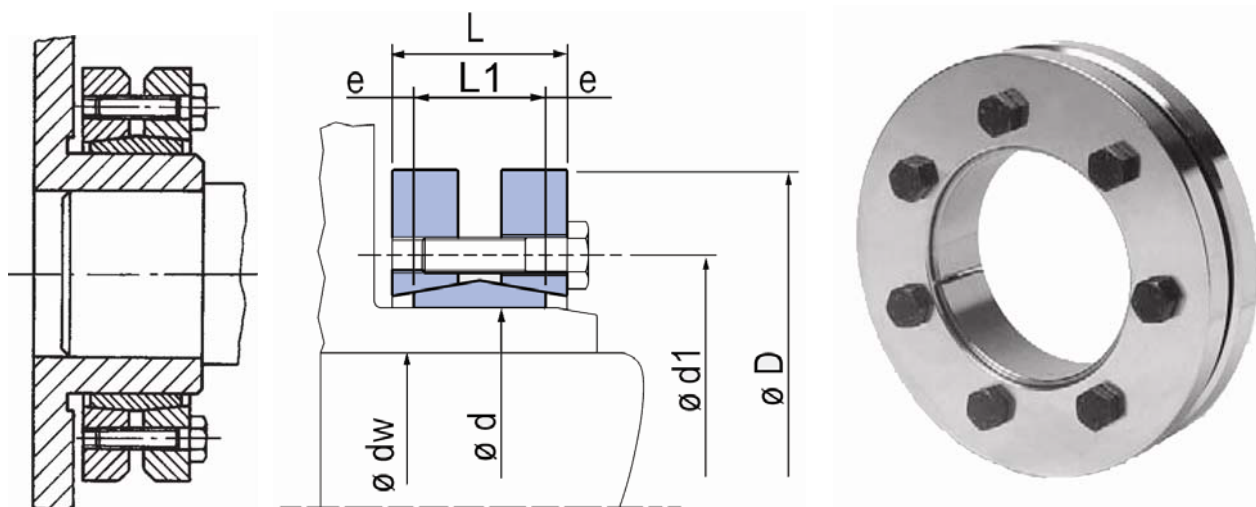
TECHNOLOC - F

Dimensions				Performances		Pressure		Clamping screws DIN912-12.9		
dxD [mm]	L1 [mm]	L2 [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]	Qty.	Type	Ms [Nm]
45x75	56	64	72	3460	155000	165	100	8	M8	41
48x80	56	64	72	3680	155000	150	95	8	M8	41
50x80	56	64	72	3820	155000	147	95	8	M8	41
55x85	56	64	72	4260	155000	135	85	8	M8	41
60x90	56	64	72	5820	190000	155	100	10	M8	41
65x95	56	64	72	6270	190000	140	95	10	M8	41
70x110	70	78	88	10730	305000	170	105	10	M10	83
75x115	70	78	88	11540	305000	155	100	10	M10	83
80x120	70	78	88	14700	369000	175	115	12	M10	83
85x125	70	78	88	15700	369000	165	110	12	M10	83
90x130	70	78	88	16610	370000	157	106	12	M10	83
95x135	70	78	88	17530	370000	150	102	12	M10	83
100x145	90	100	112	26900	538000	160	110	12	M12	145
110x155	90	100	112	29530	538000	143	102	12	M12	145
120x165	90	100	112	37610	628000	154	112	14	M12	145
130x180	104	116	130	48000	738000	143	106	12	M14	230
140x190	104	116	130	60290	861000	160	117	14	M14	230
150x200	104	116	130	73800	985000	165	125	16	M14	230
160x210	104	116	130	78770	983000	155	118	16	M14	230
170x225	134	146	162	101730	1197000	140	108	14	M16	355
180x235	134	146	162	123200	1369000	150	115	16	M16	355
190x250	134	146	162	129880	1368000	141	110	16	M16	355
200x260	134	146	162	136840	1368000	137	104	16	M16	355
220x285	134	146	162	188000	1710000	155	120	20	M16	355
240x305	134	146	162	225000	1880000	155	120	22	M16	355
260x325	134	146	162	244000	1880000	155	115	22	M16	355
280x355	165	177	197	373000	2670000	145	120	20	M20	690
300x375	165	177	197	440000	2930000	155	25	22	M20	690
320x405	165	177	197	470000	2930000	145	115	22	M20	690
340x425	165	177	197	544000	3200000	150	120	24	M20	690
360x455	190	202	224	658000	3650000	140	110	22	M22	930
380x475	190	202	224	821000	4320000	160	130	26	M22	930
400x495	190	202	224	864000	4320000	150	120	26	M22	930



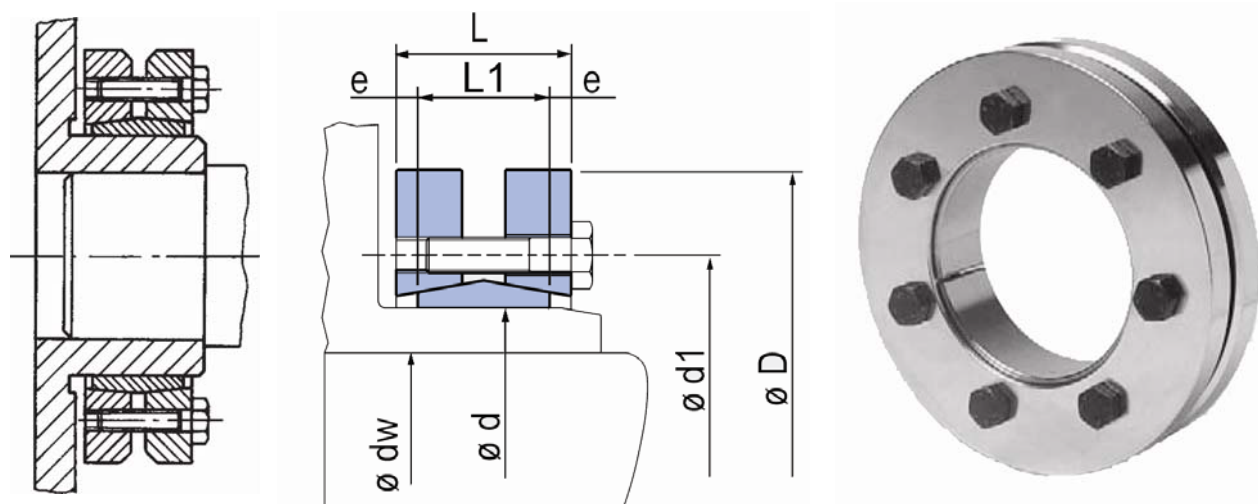
TECHNOLOC - FX

Dimensions				Performances		Pressure		Clamping screws DIN912-12.9			
dxD [mm]	L1 [mm]	L2 [mm]	B [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]	Qty.	Type	Ms [Nm]	
25x50	39	45	51	950	76000	245	122	8	M6	17	
28x55	39	45	51	1070	76000	219	111	8	M6	17	
30x55	39	45	51	1150	76000	204	111	8	M6	17	
35x60	39	45	51	1340	76000	175	102	8	M6	17	
38x65	39	45	51	1450	76000	161	94	8	M6	17	
40x65	39	45	51	1530	76000	153	94	8	M6	17	
42x75	56	64	72	2970	141000	188	105	8	M8	41	
45x75	56	64	72	3150	141000	175	105	8	M8	41	
48x80	56	64	72	4000	166000	164	98	8	M8	41	
50x80	56	64	72	4150	166000	158	98	8	M8	41	
55x85	56	64	72	4550	166000	143	93	8	M8	41	
60x90	56	64	72	6200	207000	164	109	10	M8	41	
65x95	56	64	72	6750	207000	152	104	10	M8	41	
70x110	70	78	88	11550	330000	179	114	10	M10	83	
75x115	70	78	88	12350	330000	167	109	10	M10	83	
80x120	70	78	88	15800	396000	188	125	12	M10	83	
85x125	70	78	88	16800	396000	177	120	12	M10	83	
90x130	70	78	88	17800	396000	167	115	12	M10	83	
95x135	70	78	88	18800	396000	158	111	12	M10	83	
100x145	90	100	112	28800	576000	170	117	12	M12	145	
110x155	90	100	112	31700	576000	155	110	12	M12	145	
120x165	90	100	112	40300	573000	165	120	14	M12	145	
130x180	104	116	130	51400	791000	155	112	12	M14	230	
140x190	104	116	130	64600	923000	168	124	14	M14	230	
150x200	104	116	130	79100	1055000	179	135	16	M14	230	
160x210	104	116	130	84400	1055000	168	128	16	M14	230	
170x225	134	146	162	109000	1283000	149	113	14	M16	355	
180x235	134	146	162	132000	1466000	161	124	16	M16	355	
190x250	134	146	162	139000	1466000	153	116	16	M16	355	
200x260	134	146	162	146500	1466000	145	112	16	M16	355	
220x285	134	146	162	201500	1833000	165	127	20	M16	355	
240x305	134	146	162	242000	2017000	166	131	22	M16	355	
260x325	134	146	162	262000	2017000	154	123	22	M16	355	
280x355	165	177	197	400000	2862000	164	130	20	M20	690	
300x375	165	177	197	472000	3148000	169	135	22	M20	690	
320x405	165	177	197	503500	3148000	158	125	22	M20	690	
340x425	165	177	197	583500	3434000	162	130	24	M20	690	
360x455	190	202	224	705000	3918000	152	120	22	M22	930	
380x475	190	202	224	880000	4631000	170	136	26	M22	930	
400x495	190	202	224	926000	4631000	162	131	26	M22	930	



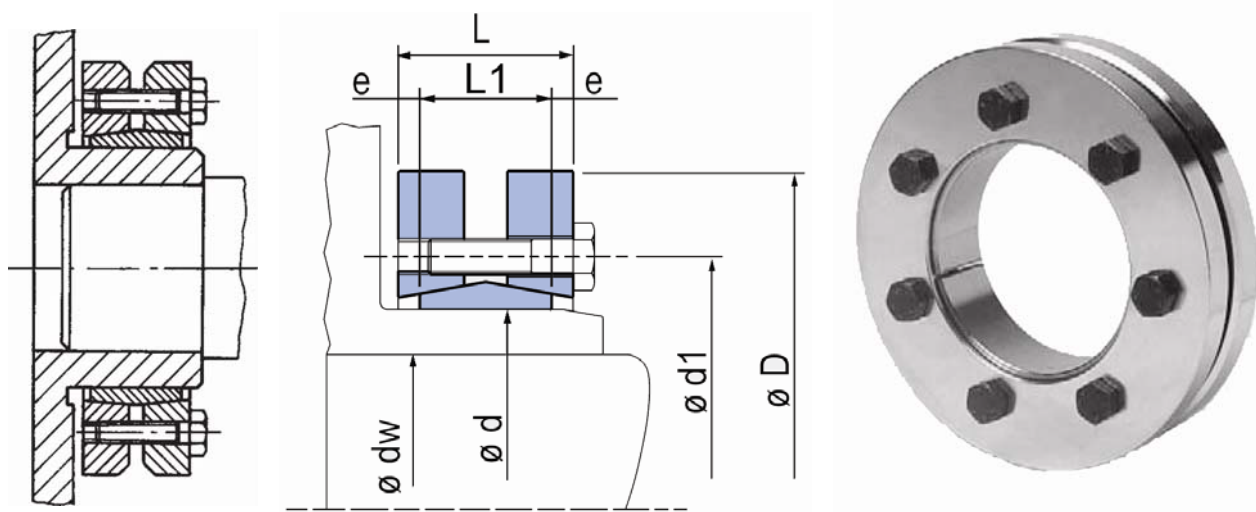
TECHNOLOC - SD

Dimensions							Performances		Clamping screws DIN912-12.9		
d [mm]	dw [mm]	D [mm]	L1 [mm]	L [mm]	d1 [mm]	e [mm]	Mt [Nm]	Ft [N]	Qty.	Type	Ms [Nm]
14	11 12	38	7	11.0	23	2	30 50	6000 9000	4	M5*	4
16	13 14	41	11	15.0	26	2	70 90	10000 13000	5	M5*	4
24	19 20 21	50	14	19.5	36	2.75	170 210 250	25000 27000 29000	6	M5*	4
30	24 25 26	60	16	21.5	44	2.75	300 340 380	29000 31000 33000	7	M5*	4
36	28 30 31	72	18	23.5	52	2.75	440 570 630	50000 58000 58000	5	M6	12
44	32 35 36	80	20	25.5	61	2.75	620 780 860	64000 74000 77000	7	M6	12
50	38 40 42	90	22	27.5	70	2.75	940 1160 1380	79000 86000 92000	8	M6	12
55	42 45 48	100	23	30.5	75	3.75	1160 1520 1880	79000 88000 97000	8	M6	12
62	48 50 52	110	23	30.5	86	3.75	1850 2200 2400	100000 111000 117000	10	M6	12
68	50 55 60	115	23	30.5	86	3.75	2000 2500 3150	97000 106000 120000	10	M6	12
75	55 60 65	138	25	32.5	100	3.75	2500 3200 3950	119000 137000 155000	7	M8	30



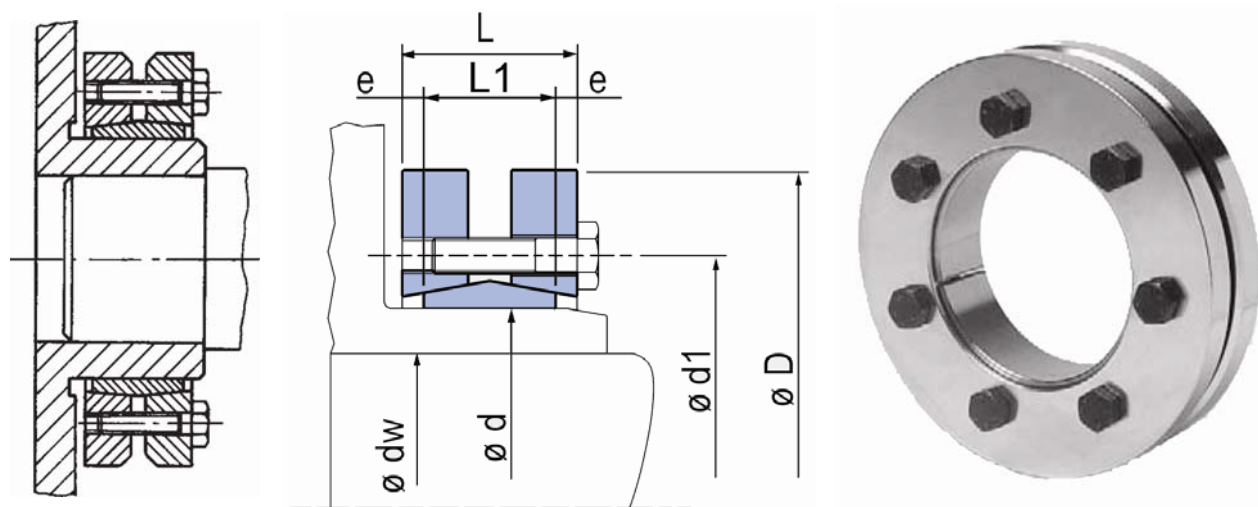
TECHNOLOC - SD

Dimensions							Performances		Clamping screws DIN912-12.9		
d [mm]	dw [mm]	D [mm]	L1 [mm]	L [mm]	d1 [mm]	e [mm]	Mt [Nm]	Ft [N]	Qty.	Type	Ms [Nm]
80	60	145	25	32.5	100	3.75	3200	124000	7	M8	30
	65						3900	140000			
	70						4600	158000			
85	65	155	30	39.0	114	4.5	4800	175000	10	M8	30
	70						6100	195000			
	75						7400	216000			
90	65	155	30	39.0	114	4.5	4750	170000	10	M8	30
	70						6000	190000			
	75						7250	210000			
100	70	170	34	44.0	124	5	6900	195000	12	M8	30
	75						7500	220000			
	80						9000	240000			
110	75	185	39	50.0	136	5.5	7200	229000	9	M10	59
	80						9000	252000			
	85						10800	262000			
115	80	188	39	50.0	141	5.5	7400	235000	9	M10	59
	85						9200	259000			
	90						11100	269000			
120	80	215	42	54.0	160	6	10600	285000	12	M10	59
	85						13300	314000			
	90						14500	340000			
125	85	215	42	54.0	160	6	11000	296000	12	M10	59
	90						13000	324000			
	95						15000	352000			
130	90	215	42	54.0	160	6	11300	304000	12	M10	59
	95						13300	333000			
	100						15400	362000			
140	95	230	46	60.5	175	7.25	15100	367000	10	M12	100
	100						17600	396000			
	105						20100	425000			
155	105	265	50	64.5	192	7.25	22000	447000	12	M12	100
	110						25000	478000			
	115						28000	509000			



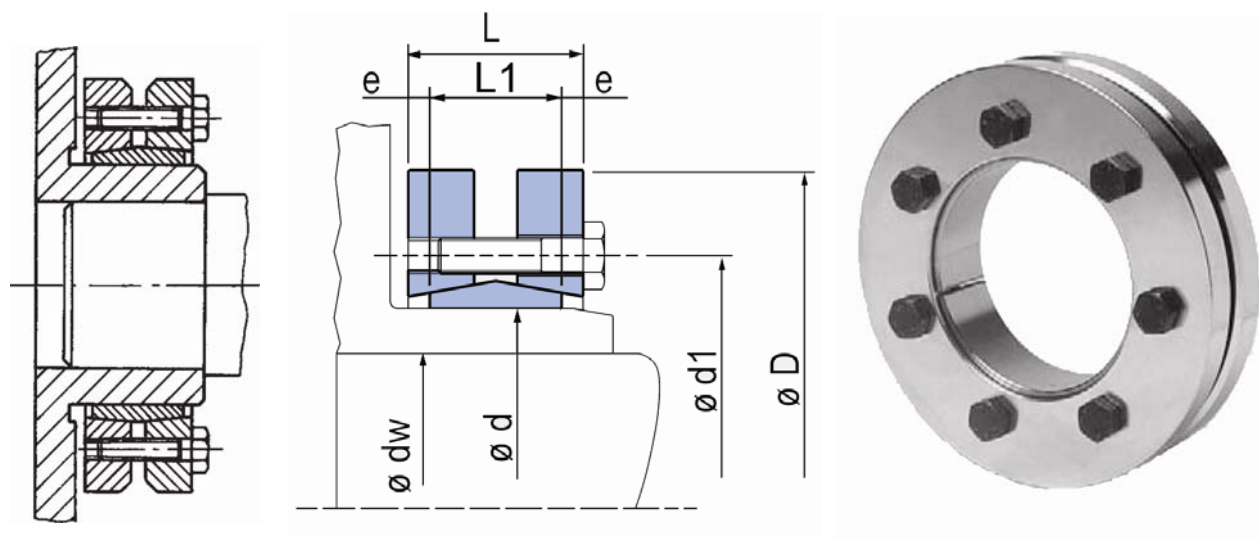
TECHNOLOC - SD

Dimensions							Performances		Clamping screws DIN912-12.9		
d [mm]	dw [mm]	D [mm]	L1 [mm]	L [mm]	d1 [mm]	e [mm]	Mt [Nm]	Ft [N]	Qty.	Type	Ms [Nm]
160	110	265	50	64.5	192	7.25	22600	460000	12	M12	100
	115						25700	490000			
	120						28800	520000			
165	115	290	56	71.0	210	7.5	31000	595000	8	M16	250
	120						35000	630000			
	125						39000	655000			
170	120	290	56	71.0	210	7.5	31900	610000	8	M16	250
	125						36000	640000			
	130						40100	670000			
175	125	300	56	71.0	220	7.5	36000	605000	8	M16	250
	130						41000	639000			
	135						45000	675000			
180	130	300	56	71.0	220	7.5	37000	800000	8	M16	250
	135						42200	840000			
	140						46300	885000			
185	135	330	71	86.0	236	7.5	52000	778000	10	M16	250
	140						57000	819000			
	145						62000	861000			
190	140	330	71	86.0	236	7.5	63500	800000	10	M16	250
	145						58700	840000			
	150						63800	885000			
195	140	350	71	86.0	246	7.5	65000	933000	12	M16	250
	150						76000	1025000			
	155						81500	1071000			
200	150	350	71	86.0	246	7.5	74000	990000	12	M16	250
	155						80000	1035000			
	160						86000	1080000			
220	160	370	88	104.0	270	8	95000	1190000	15	M16	250
	165						102000	1239000			
	170						110000	1290000			



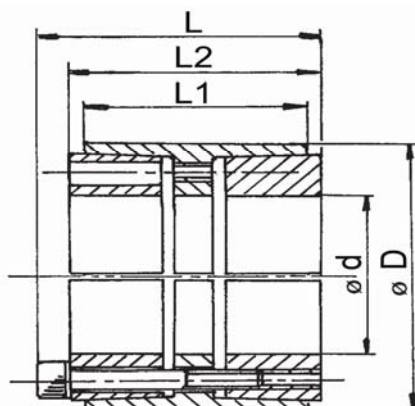
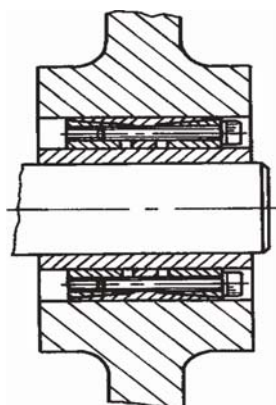
TECHNOLOC - SD

Dimensions							Performances		Clamping screws DIN912-12.9		
d [mm]	dw [mm]	D [mm]	L1 [mm]	L [mm]	d1 [mm]	e [mm]	Mt [Nm]	Ft [N]	Qty.	Type	Ms [Nm]
240	170	405	92	109.0	295	8.5	120000	1464000	12	M20	490
	180						138000	1576000			
	190						156000	1675000			
260	190	430	103	120.0	321	8.5	164000	1760000	14	M20	490
	200						184000	1880000			
	210						205000	2010000			
280	210	460	114	134.0	346	10	217000	2090000	16	M20	490
	220						244000	2220000			
	230						270000	2350000			
300	230	485	122	142.0	364	10	275000	2431000	18	M20	490
	240						295000	2567000			
	245						315000	2636000			
320	240	520	122	142.0	386	10	312000	2647000	20	M20	490
	250						340000	2786000			
	260						374000	2900000			
340	250	570	134	156.0	408	11	390000	3119000	24	M20	490
	260						422500	3249000			
	270						460000	3400000			
350	270	580	140	162.0	432	11	442000	3276000	24	M20	490
	280						480000	3430000			
	285						500000	3500000			
360	280	590	140	162.0	432	11	463000	3310000	24	M20	490
	290						502000	3461000			
	295						522000	3536000			
380	290	645	144	168.0	458	12	567000	3910000	20	M24	840
	300						610000	4080000			
	310						658000	4248000			
390	300	660	144	168.0	468	12	624000	4160000	21	M24	840
	310						671000	4330000			
	320						718000	4484000			
400	315	680	144	168.0	480	12	670000	4260000	21	M24	840
	320						695000	4345000			
	330						744000	4500000			



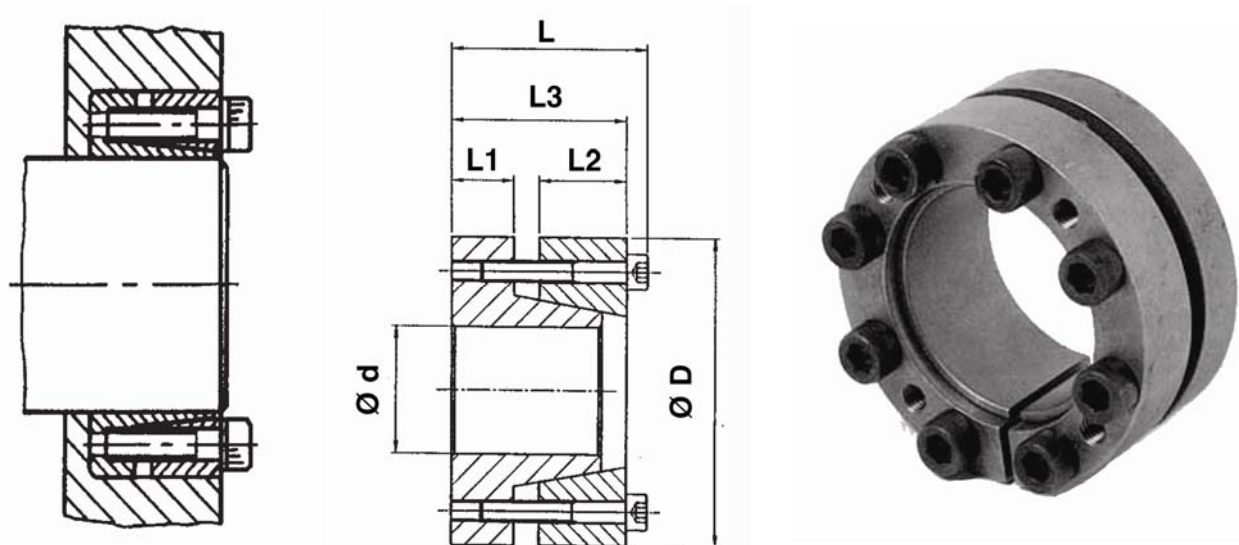
TECHNOLOC - SD

Dimensions							Performances		Clamping screws DIN912-12.9		
d [mm]	dw [mm]	D [mm]	L1 [mm]	L [mm]	d1 [mm]	e [mm]	Mt [Nm]	Ft [N]	Qty.	Type	Ms [Nm]
420	330	690	164	188.0	504	12	780000	4850000	24	M24	840
	340						840000	5040000			
	350						900000	5220000			
440	340	750	177	202.0	527	12.5	806000	4740000	24	M24	840
	350						860000	4910000			
	360						917000	5090000			
460	360	770	177	202.0	547	12.5	1000000	5670000	28	M24	840
	370						1070000	5860000			
	380						1140000	6050000			
480	380	800	188	213.0	570	12.5	1170000	6150000	30	M24	840
	390						1240000	6350000			
	400						1310000	6550000			



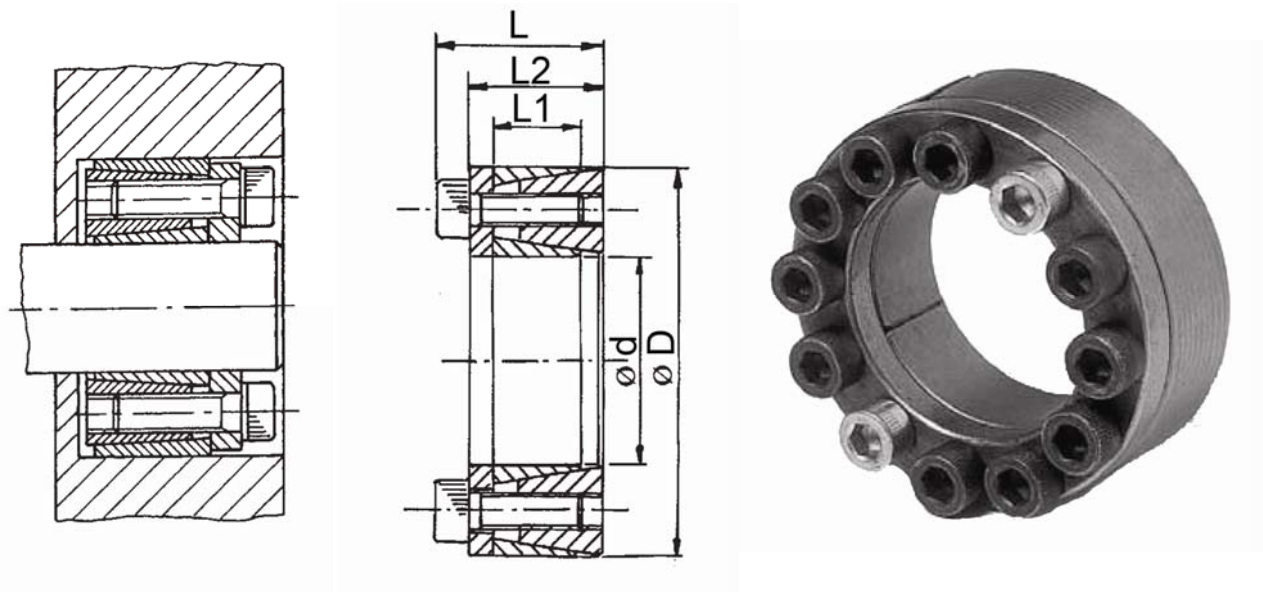
TECHNOLOC - FL

Dimensions				Performances	Pressure		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L [mm]	Mt [Nm]	Pw [N/mm ²]	Pn [N/mm ²]	QTY.	Type	Ms [Nm]
25x55	32	40	46	840	295	134	6	M6	17
28x55	32	40	46	940	264	134	6	M6	17
30x55	32	40	46	1000	246	134	6	M6	17
35x60	44	54	60	1360	174	101	7	M6	17
38x75	44	54	62	2740	296	150	7	M8	41
40x75	44	54	62	2880	281	150	7	M8	41
42x75	44	54	62	3030	268	150	7	M8	41
45x75	44	54	62	3240	250	150	7	M8	41
48x80	56	64	72	3950	207	124	8	M8	41
50x80	56	64	72	4150	200	98	8	M8	41
55x85	56	64	72	5150	205	104	9	M8	41
60x90	56	64	72	6200	202	106	10	M8	41
65x95	56	64	72	6750	187	100	10	M8	41
70x110	70	78	88	11500	223	114	10	M10	83
75x115	70	78	88	12300	223	114	10	M10	83
80x120	70	78	88	14500	215	115	11	M10	83
85x125	70	78	88	15400	215	115	12	M10	83
90x130	70	78	88	17800	208	115	12	M10	83
95x135	70	78	88	18700	208	115	12	M10	83
100x145	90	100	112	26300	200	107	11	M12	145
110x155	90	100	112	31800	198	110	12	M12	145
120x165	90	100	112	40400	212	120	14	M12	145
130x180	104	116	130	51500	192	112	12	M14	230
140x190	104	116	130	64700	208	124	14	M14	230
150x200	104	116	130	74200	208	127	15	M14	230
160x210	104	116	130	84500	208	128	16	M14	230
170x225	134	148	164	108200	182	113	14	M16	355
180x235	134	148	164	123250	184	115	15	M16	355
190x250	134	148	164	133800	186	116	16	M16	355
200x260	134	148	164	146000	177	112	16	M16	355
220x285	134	148	164	181000	188	115	18	M16	355
240x305	134	148	164	218000	184	119	20	M16	355
260x325	134	148	164	250000	178	117	21	M16	355
280x355	165	177	197	360000	185	117	18	M20	690
300x375	165	177	197	428000	192	123	20	M20	690



TECHNOLOC - W

Dimensions					Performances		Pressure		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L [mm]	Mt [Nm]	Ft [N]	Pw [N/mm ²]	Pn [N/mm ²]	QTY.	Type	Ms [Nm]
20x47	10	14	28	34	245	29400	210	93	5	M6	17
22x47	10	14	28	34	265	30000	196	93	5	M6	17
24x50	10	14	28	34	370	32300	215	108	6	M6	17
25x50	10	14	28	34	390	33300	210	108	6	M6	17
30x55	10	14	28	34	480	41200	186	98	6	M6	17
35x60	10	14	28	34	735	44100	186	108	8	M6	17
38x65	10	14	28	34	790	46100	206	103	8	M6	17
40x65	10	14	28	34	830	47000	186	103	8	M6	17
42x75	12	18	35	43	1450	66000	225	132	7	M8	41
45x75	12	18	35	43	1560	70000	220	132	7	M8	41
50x80	12	18	35	43	1650	72000	206	127	7	M8	41
55x85	12	18	35	43	2250	80000	210	132	8	M8	41
60x90	12	18	35	43	2450	83000	186	122	8	M8	41
65x95	12	18	35	43	2890	90000	200	132	9	M8	41
70x110	16	24	46	56	4700	130000	220	140	8	M10	83



TECHNOLOC - G

Dimensions				Pertormances	Pressure		Clamping screws DIN912-12,9		
dxD [mm]	L1 [mm]	L2 [mm]	L [mm]	Mt [Nm]	Pw [N/mm ²]	Pn [N/mm ²]	QTY.	Type	Ms [Nm]
18x40	12	18.5	24.5	190	260	120	6	M6	16
19x41	12	18.5	24.5	210	260	120	6	M6	16
20x42	12	18.5	24.5	240	250	120	6	M6	16
24x46	12	18.5	24.5	290	250	120	6	M6	16
25x47	12	18.5	24.5	330	230	120	8	M6	16
28x50	12	18.5	24.5	370	220	120	8	M6	16
30x52	12	18.5	24.5	430	210	120	8	M6	16
35x57	15	22	28	610	170	100	12	M6	16
38x60	15	22	28	680	170	100	12	M6	16
40x62	15	22	28	780	170	100	12	M6	16
42x70	18	28	36	1480	190	110	12	M8	41
45x73	18	28	36	1500	210	130	12	M8	41
48x76	18	28	36	1550	210	130	12	M8	41
50x78	18	28	36	1650	190	120	12	M8	41
55x83	18	28	36	2000	190	120	16	M8	41
60x88	18	28	36	2350	190	120	16	M8	41
70x105	22	35	45	3900	180	120	12	M10	70
80x115	22	35	45	4800	170	120	16	M10	70



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