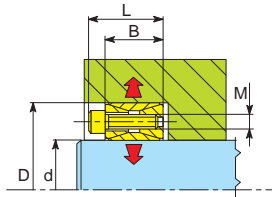


CONEX A



NOT SELF CENTERING
MEDIUM-HIGH TORQUES



CONEX A					Ts Nm	T Nm	F kN	P N/mm ²
d mm	D mm	B mm	L mm	M mm				
17	47	20	26	M 6	16	230	28	92
18	47	20	26	M 6	16	250	28	92
19	47	20	26	M 6	16	260	28	92
20	47	20	26	M 6	16	280	28	92
22	47	20	26	M 6	16	310	28	92
24	50	20	26	M 6	16	330	28	87
25	50	20	26	M 6	16	350	28	87
28	55	20	26	M 6	16	580	42	118
30	55	20	26	M 6	16	630	42	118
32	60	20	26	M 6	16	670	42	110
35	60	20	26	M 6	16	730	42	110
38	65	20	26	M 6	16	990	52	125
40	65	20	26	M 6	16	1040	52	125
42	75	24	32	M 8	38	1600	76	140
45	75	24	32	M 8	38	1700	76	140
48	80	24	32	M 8	38	1800	76	120
50	80	24	32	M 8	38	1900	76	130
55	85	24	32	M 8	38	2600	95	150
60	90	24	32	M 8	38	2850	95	140
65	95	24	32	M 8	38	3100	95	130
70	110	28	38	M 10	75	5350	150	160
75	115	28	38	M 10	75	5730	150	150
80	120	28	38	M 10	75	6100	150	140
85	125	28	38	M 10	75	6500	150	140
90	130	28	38	M 10	75	6900	150	130
95	135	28	38	M 10	75	8700	180	150
100	145	30	42	M 12	130	11200	220	160
110	155	30	42	M 12	130	12300	220	150
120	165	30	42	M 12	130	14300	240	150
130	180	38	50	M 12	130	19400	300	130
140	190	38	50	M 12	130	23000	330	140
150	200	38	50	M 12	130	26900	360	140
160	210	38	50	M 12	130	31000	390	150
170	225	44	58	M 14	200	36300	430	140
180	235	44	58	M 14	200	42000	470	140
190	250	52	66	M 14	200	51800	550	130
200	260	52	66	M 14	200	58300	590	130
220	285	56	72	M 16	300	74100	680	130
240	305	56	72	M 16	300	93200	780	140
260	325	56	72	M 16	300	114500	890	150
280	355	66	87	M 18	410	141000	1000	130
300	375	66	87	M 18	410	170000	1140	140
320	405	78	101	M 20	590	235500	1500	140
340	425	78	101	M 20	590	250000	1500	130
360	455	90	116	M 22	790	329000	1800	130
380	475	90	116	M 22	790	346400	1800	120
400	495	90	116	M 22	790	365000	1800	120

T_S (Nm) Screws tightening torque

T_N (Nm) Nut setting torque

T (Nm)
F (kN) Torque or axial force transmissible with tightening torque T_S

p (N/mm²) Hub surface pressure

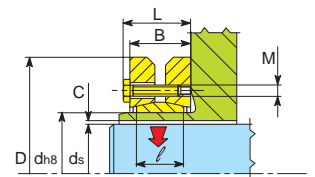


Larger sizes upon request

CONEX SD - Shrink Disc



EXTERNAL CLAMPING
EXCELLENT CONCENTRICITY



CONEX SD								Ts Nm	T Nm	F kN
d mm	d _s mm	D mm	L mm	B mm	mm	C max	M mm			
14	11	38	15	11	9	0,014	M 5	4	30	6
	12								50	9
16	12	41	19	15	11	0,014	M 5	4	50	9
	13								70	10
	14								90	13
20	16	50	23	19	14	0,017	M 5	4	130	20
	16								150	22
	18								200	25
24	20	50	23	19	14	0,017	M 5	4	180	26
	21								210	27
	24								250	29
	28								310	26
30	25	60	25	21	16	0,017	M 5	4	340	27
	26								380	28
	28								460	50
36	30	72	27	23	18	0,017	M 6	12	590	54
	31								630	58
	32								630	65
44	35	80	29	25	20	0,032	M 6	12	780	74
	36								860	77
	38								940	79
50	40	90	31	27	22	0,032	M 6	12	1100	85
	42								1300	90
	42								1200	80
55	45	100	34	30	23	0,032	M 6	12	1500	90
	48								1900	100
	48								1800	100
62	50	110	34	30	23	0,032	M 6	12	2200	110
	52								2400	120
	50								2000	100
68	55	115	34	30	23	0,038	M 6	12	2500	110
	60								3100	120
	55								2500	120
75	60	138	38	33	25	0,048	M 8	30	3200	140
	65								3900	150
	60								3200	120
80	65	145	38	32	25	0,048	M 8	30	3900	140
	70								4600	160
	65								4700	170
90	70	155	45	39	30	0,048	M 8	30	6000	190
	75								7200	210
	70								6900	180
100	75	170	49,5	44	34	0,048	M 8	30	7500	220
	80								9000	240
	75								7200	230
110	80	185	57	50	39	0,048	M 10	59	9000	250
	85								11000	260
	80								8500	210
115	85	188	57	50	39	0,048	M 10	59	10000	240
	90								12000	270
	85								11000	300
125	90	215	61	54	42	0,056	M 10	59	13000	320
	95								15000	350
	90								13700	300
130	95	215	59	52	42	0,056	M 10	59	15800	330
	100								18200	360
	95								15000	360
140	100	230	68	60	46	0,056	M 12	100	17000	400
	105								20000	420
	105								20000	390
155	110	265	70	62	50	0,069	M 12	100	23000	420
	115								26000	450
	115								36000	630
165	120	290	78	68	56	0,069	M 16	250	39000	660
	125								44000	700
	125								40000	650
175	130	300	78	68	56	0,079	M 16	250	44000	680
	135								49000	720
	135								55000	815
185	140	330	96	86	71	0,079	M 16	250	60000	875
	145								65000	896
	140								66000	950
195	150	350	96	86	71	0,079	M 16	250	76000	1000
	155								82000	1100
	160								95000	1200
220	165	370	114	104	88	0,079	M 16	250	102000	1300
	170								110000	1300
	170								120000	1500
240	180	405	122	109	92	0,079	M 20	490	140000	1600
	190								160000	1700

INSTALLATION

Clean and slightly oil all contact surfaces, including screw threads, screw heads, shaft and hub. Do not use oils containing Molybdenum Disulphide.

Tighten screws lightly and align hub. Tighten screws in diametrically opposite sequence in two or three stages up to the catalogue tightening torque T_s . Re-check tightening torque by applying it to all the screws.

For CONEX A: the silver plated screws are to be fitted in the holes of the front thrust ring with the pull-out threads.

For all the others CONEX, the release threads of the front ring, used for removal, have to be positioned opposite to undrilled spaces of the rear ring, and eventually used to release CONEX before the mounting.

REMOVAL

Loosen all screws by a few turns.

CONEX A. Normally it release itself because of the wide cone angle; if necessary lightly tap the screws to release the rear thrust ring (fig. 1). If the front thrust ring is locked, use screws of next size up, screwed in to the removal pull-out threads, located under the silver plated screws, and pull the front ring off (fig. 2). The removal threads have only 3 threads.

CONEX B, D, DS, E, ES, L, K, MIDAS, EP.

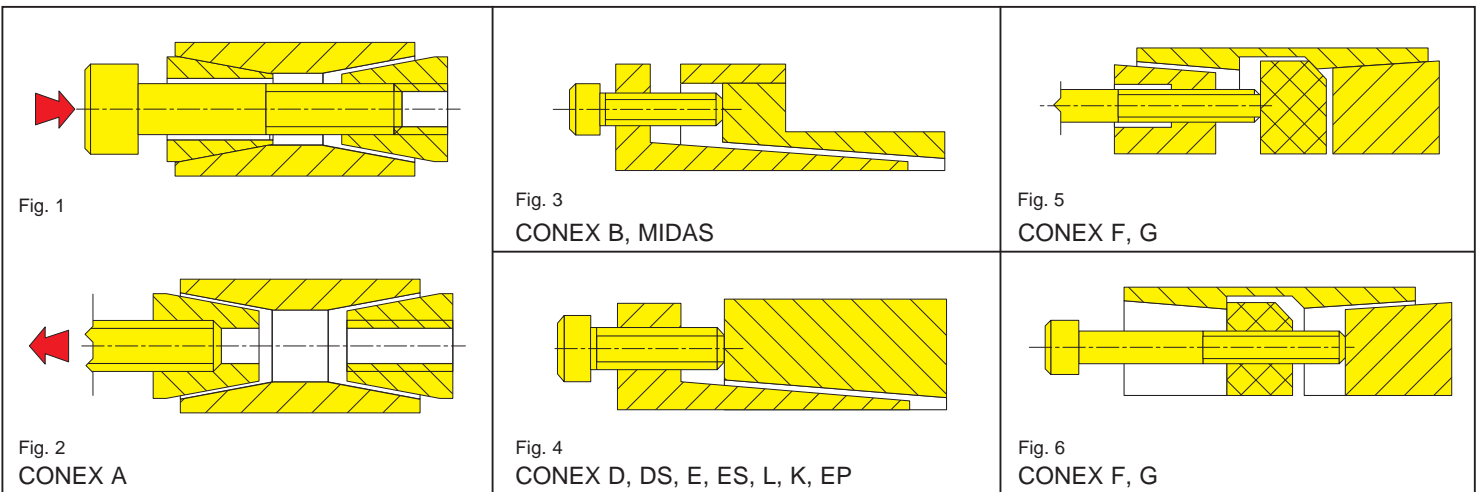
Remove the screws and screw them into the release threads of the front ring, pressing off the rear ring and releasing CONEX (fig. 3, 4). Remove the screws from the release threads only after CONEX has been taken out of the hub.

CONEX F, G

– Dismounting 1 (fig. 5): Remove the screws and screw them in the threaded bores in the front thrust ring and release it.

– Dismounting 2 (fig. 6): Screw the screws in the threaded bores in the central flange and release the rear thrust ring.

CONEX: REMOVAL



DUTY FACTOR

The values T and F on the catalogue must be corrected with a duty factor depending from the type of work.



MOTOR	CARICO - LOAD - CHARGE		
	constant	light overloads	heavy overloads
electric	1	1.5	2
combustion	1.5	2	2.5