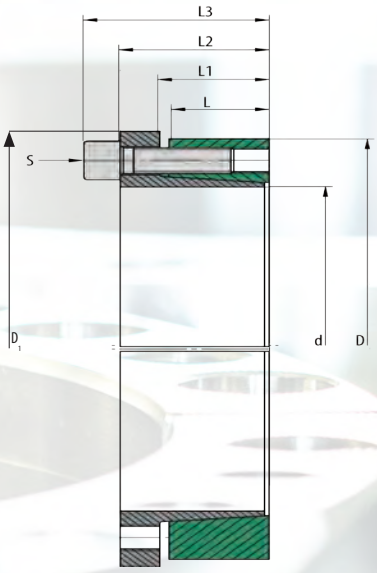
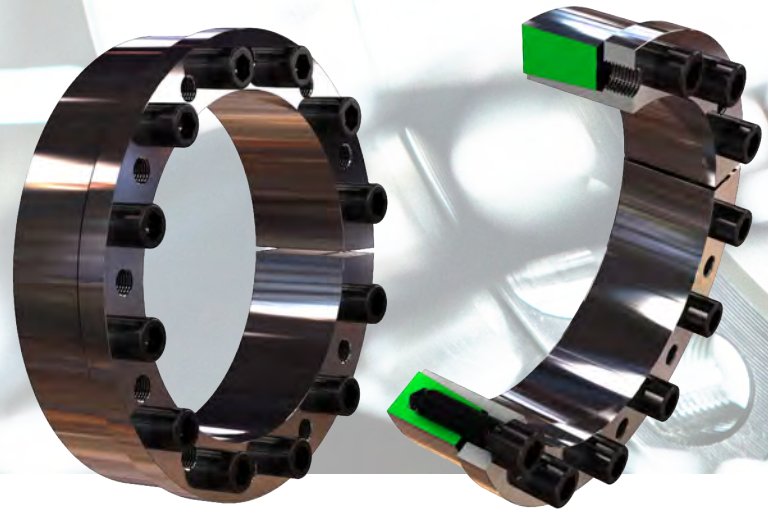
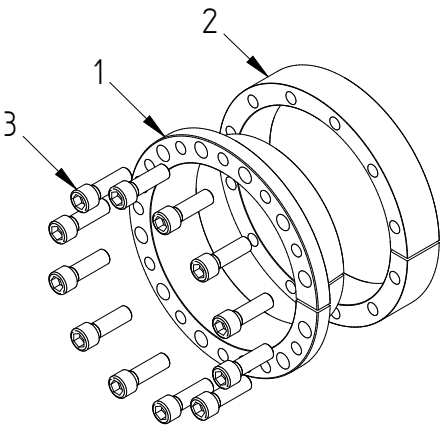
3006





Used symbols

d	[mm]	Shaft diameter	
D	[mm]	Hub inside diameter	
M_t	[Nm]	Max. transmittable torque	$F_{ax} = 0$
F_{ax}	[kN]	Max. transmittable axial force	$M_t = 0$
p_W	[N/mm²]	Average pressure on the shaft	
p_N	[N/mm²]	Average pressure on the hub	
L	[mm]	Lenght of the pressure ring	
L_1	[mm]	Distance of the pressure ring	
L_2	[mm]	Width of the locking device without screws	
L_3	[mm]	Width of the locking device with screws	
Z		Number of clamping screws	
S		Size of the clamping screws	
M_A	[Nm]	Tightening torque of the clamping screws	



Pos.	Designation
1	Sleeve
2	Pressure ring
3	Screw

Recommended tolerances & surfaces

Shaft	h8 / Rz10
Hub	H8 / Rz10

Bending loads

Bending moment (share)	M_B max = 0,3 * M_t
Bending angle	max. 5´

More properties

- axial displacement during assembly
- good self-centering
- low self-locking

Ordering information: TAS 3006/d/D (e.g: TAS 3006/150/200 ... further sizes on request)

3006

d mm		D mm	D1 mm	M_t Nm	F_{ax} kN	p_W N/mm²	p_N N/mm²	Z Pcs.	S	M_A Nm	L mm	L_1 mm	L_2 mm	L_3 mm	Weight kg
20	x	**47**	53	320	32	250	106	6	M6 x 020	17	17	22	28	34	0,28
22	x	**47**	53	350	32	226	106	6	M6 x 020	17	17	22	28	34	0,27
24	x	**50**	56	390	33	211	101	6	M6 x 020	17	17	22	28	34	0,30
25	x	**50**	56	400	32	200	100	6	M6 x 020	17	17	22	28	34	0,29
28	x	**55**	61,4	450	32	179	91	6	M6 x 020	17	17	22	28	34	0,32
30	x	**55**	61,4	490	33	170	93	6	M6 x 020	17	17	22	28	34	0,33
32	x	**60**	67	700	44	213	114	8	M6 x 020	17	17	22	28	34	0,37
35	x	**60**	67	760	43	194	113	8	M6 x 020	17	17	22	28	34	0,37
38	x	**65**	72	820	43	177	104	8	M6 x 020	17	17	22	28	34	0,43
40	x	**65**	72	870	44	170	104	8	M6 x 020	17	17	22	28	34	0,40
42	x	**75**	84	1700	81	256	143	8	M8 x 025	41	20	25	33	41	0,69
45	x	**75**	84	1800	80	236	141	8	M8 x 025	41	20	25	33	41	0,64
48	x	**80**	89	1900	79	219	131	8	M8 x 025	41	20	24	33,5	41	0,74
50	x	**80**	89	2000	80	212	133	8	M8 x 025	41	20	24	33,5	41	0,70
55	x	**85**	94	2200	80	193	125	8	M8 x 025	41	20	24	33,5	41	0,75
60	x	**90**	99	2400	80	177	118	8	M8 x 025	41	20	24	33,5	41	0,80
65	x	**95**	104	2600	80	163	112	8	M8 x 025	41	20	24	33,5	41	0,86
70	x	**110**	119	4600	131	208	132	8	M10 x 030	83	24	29	40	50	1,60
75	x	**115**	124	5000	133	196	128	8	M10 x 030	83	24	29	40	50	1,69
80	x	**120**	129	5300	133	183	122	8	M10 x 030	83	24	29	40	50	1,73
85	x	**125**	134	7000	165	214	146	10	M10 x 030	83	24	29	40	50	1,81
90	x	**130**	139	7400	164	202	140	10	M10 x 030	83	24	29	40	50	1,95
95	x	**135**	144	7800	164	191	134	10	M10 x 030	83	24	29	40	50	2,04
100	x	**145**	154	9700	194	198	136	8	M12 x 035	145	26	31	44	56	2,72
110	x	**155**	164	10700	195	180	128	8	M12 x 035	145	26	31	44	56	2,94
120	x	**165**	174	13100	218	186	135	9	M12 x 035	145	26	31	44	56	3,24
130	x	**180**	189	19000	292	175	127	12	M12 x 035	145	34	39	52	68	4,87
140	x	**190**	199	20500	293	163	120	9	M14 x 040	230	34	39	54	68	5,19
150	x	**200**	209	24500	327	170	127	10	M14 x 040	230	34	39	54	68	5,50
160	x	**210**	219	31300	391	191	145	12	M14 x 040	230	34	39	54	68	5,82
170	x	**225**	234	33200	391	139	105	12	M14 x 040	230	44	49	64	78	8,17
180	x	**235**	244	35000	389	130	100	12	M14 x 040	230	44	49	64	78	8,58
190	x	**250**	259	46500	489	155	118	15	M14 x 040	230	44	49	64	78	9,93
200	x	**260**	269	49000	490	148	114	15	M14 x 040	230	44	49	64	78	10,38