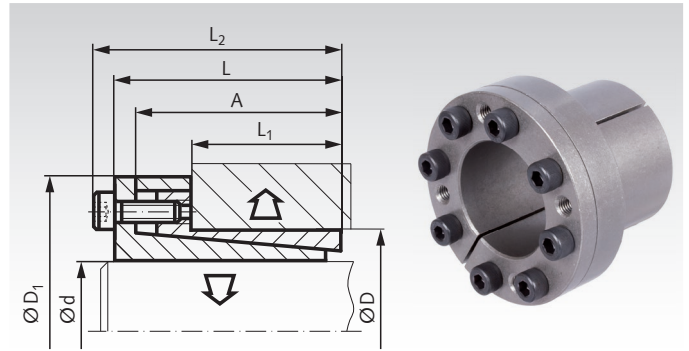


Locking Assemblies COM-B

Material: Steel.

- For fixing a hub (e.g. timing belt pulley or similar) on a shaft.
- For medium torques.
- Also suitable for small hub diameters.
- Self-centering.
- Self-locking.
- No axial movement during mounting.



Ordering Details: e.g.: Product No. 615 606 00, Locking Assembly COM-B, 6 mm

Product No.	d mm	D mm	L mm	A mm	L ₁ mm	L ₂ mm	D ₁ mm	T Nm	F _{ax} kN	P _w N/mm ²	P _N N/mm ²	Screw 12.9 Number x Size	T _A Nm	Weight kg
615 606 00	6	14	21	18,5	10	24	25	12	4	185	80	3 x M3	2	0,05
615 606 35	6,35	14	21	18,5	10	24	25	12	4	185	80	3 x M3	2	0,05
615 607 00	7	15	25	22	12	29	27	24	7	223	111	3 x M4	5	0,07
615 608 00	8	15	25	22	12	29	27	29	7	207	111	3 x M4	5	0,07
615 609 00	9	16	26	23	14	30	28	42	10	197	110	4 x M4	5	0,07
615 609 53	9,53	16	26	23	14	30	28	42	10	197	110	4 x M4	5	0,07
615 610 00	10	16	26	23	14	30	28	48	10	179	112	4 x M4	5	0,07
615 611 00	11	18	26	23	14	30	32	51	10	165	102	4 x M4	5	0,07
615 612 00	12	18	26	23	14	30	32	55	10	152	100	4 x M4	5	0,08
615 612 70	12,7	18	26	23	14	30	32	55	10	152	100	4 x M4	5	0,08
615 614 00	14	23	26	23	14	30	38	68	10	130	80	4 x M4	5	0,11
615 615 00	15	24	36	29	16	42	45	133	18	194	121	3 x M6	17	0,22
615 616 00	16	24	36	29	16	42	45	140	18	180	118	3 x M6	17	0,22
615 617 00	17	26	38	31	18	44	47	180	22	190	125	4 x M6	17	0,25
615 618 00	18	26	38	31	18	44	47	200	22	180	125	4 x M6	17	0,23
615 619 00	19	27	38	31	18	44	49	210	22	172	121	4 x M6	17	0,25
615 620 00	20	28	38	31	18	44	50	220	22	160	115	4 x M6	17	0,26
615 622 00	22	32	45	38	25	51	54	250	22	113	78	4 x M6	17	0,35
615 624 00	24	34	45	38	25	51	56	270	22	106	76	4 x M6	17	0,36
615 625 00	25	34	45	38	25	51	56	280	22	101	76	4 x M6	17	0,34
615 625 40	25,4	34	45	38	25	51	56	280	22	101	76	4 x M6	17	0,34
615 628 00	28	39	45	38	25	51	61	450	32	130	93	6 x M6	17	0,42
615 630 00	30	41	45	38	25	51	62	500	32	133	95	6 x M6	17	0,43
615 632 00	32	43	45	38	25	51	65	540	35	115	86	6 x M6	17	0,49
615 635 00	35	47	52	45	32	58	69	800	44	106	81	8 x M6	17	0,55
615 638 00	38	50	52	45	32	58	72	900	45	105	79	8 x M6	17	0,62
615 640 00	40	53	52	45	32	58	75	900	45	92	68	8 x M6	17	0,64
615 642 00	42	55	52	45	32	58	78	1000	47	90	70	8 x M6	17	0,85
615 645 00	45	59	70	62	45	78	86	1800	80	105	81	8 x M8	41	1,05
615 648 00	48	62	70	62	45	78	87	1950	81	102	78	8 x M8	41	1,13
615 650 00	50	65	70	62	45	78	92	2020	81	96	72	8 x M8	41	1,26
615 655 00	55	71	80	72	55	88	98	2730	95	89	68	9 x M8	41	1,53
615 660 00	60	77	80	72	55	88	104	2870	98	76	61	9 x M8	41	1,66
615 665 00	65	84	80	72	55	88	111	3190	99	73	57	9 x M8	41	1,90
615 670 00	70	90	96	86	65	106	119	5150	147	88	69	9 x M10	83	3,0
615 675 00	75	95	96	86	65	106	126	5710	153	82	66	9 x M10	83	3,1
615 680 00	80	100	96	86	65	106	131	8260	196	103	82	12 x M10	83	3,3
615 685 00	85	106	96	86	65	106	137	8670	204	97	77	12 x M10	83	3,6
615 690 00	90	112	96	86	65	106	144	8800	206	88	74	12 x M10	83	4,0
615 695 00	95	120	96	86	65	106	149	11300	237	103	82	14 x M10	83	4,7
615 700 00	100	125	96	86	65	106	154	14300	285	114	90	18 x M10	83	5,2

More sizes up to d=130mm for 24,800Nm are available.

Price and delivery time on request.

- T = transmittable torque at $F_{ax} = 0$.
 F_{ax} = transmittable axial force at $T = 0$.
 P_w = surface pressure onto the shaft.
 P_N = surface pressure onto the hub.
 T_A = fastening torque of the screws.

Fit

Shaft h8, Hub H8.
 Surface roughness R_z max. 12.5 μ m.

Mounting

Slightly oil the locking assembly before mounting, do not use molybdenum disulphide or grease. Tighten the screws evenly and crosswise in several steps.

Demounting

Remove all tensioning screws and screw them into the (usually unused) forcing thread of the front flange, until the flange is released.