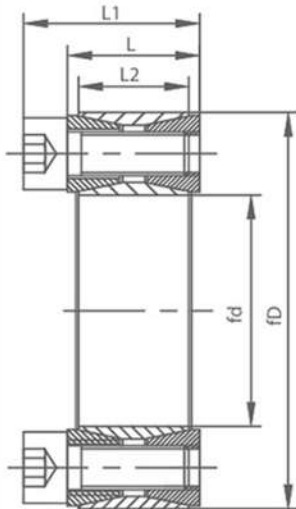


Locking Assemblies

CAPT-LOCKS

B CAPT-LOCKS

- * Standard commonly used
- * No key will be used



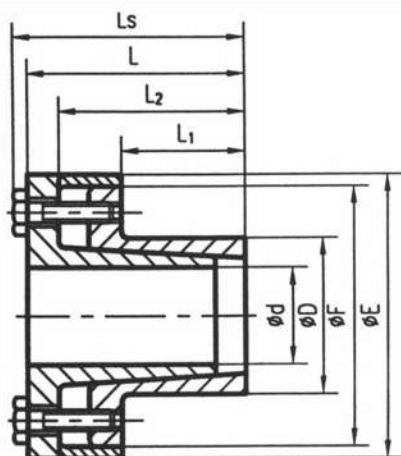
B CAPT-LOCKS, standard commonly used type. The machining precision of the connected parts can be reduced if this type CAPT-LOCKS is used, then reduce the machining cost.

Using B type CAPT-LOCKS, easy-on, easy-off, excellent installation. The connection function depend on its impacted power and frictional power among the CAPT-LOCKS, the bore of hub and the shaft to achieve non-clearance joint and no key will be used, so that some overlaborate work such as key machining, pressing installation and hot installation etc. can be saved, the working efficiency and the lifetime of the machining parts can be raised.

Catalog dxD	Fundamental dimensions			SizesxN	Rated load		Ps Mpa	Ph Mpa	Ma N.m	G Kg
	L2	L	L1		Ft(Kn)	Mt(Kn.m)				
CL19x47B	17	20	26	M6x8	27	0.24	213	90	14	0.25
CL20x47B	17	20	26	M6x8	27	0.27	210	90	14	0.24
CL22x47B	17	20	26	M6x8	27	0.30	195	90	14	0.23
CL25x50B	17	20	26	M6x9	30	0.38	190	95	14	0.25
CL28x55B	17	20	26	M6x10	33	0.47	185	95	14	0.30
CL30x55B	17	20	26	M6x10	33	0.50	175	95	14	0.29
CL35x60B	17	20	26	M6x12	40	0.70	180	105	14	0.32
CL38x63B	17	20	26	M6x14	46	0.88	185	105	14	0.33
CL40x65B	17	20	26	M6x14	46	0.92	180	110	14	0.34
CL42x72B	20	24	32	M8x12	65	1.36	200	117	35	0.48
CL45x75B	20	24	32	M8x12	72	1.62	210	125	35	0.57
CL50x80B	20	24	32	M8x12	71	1.77	190	115	35	0.60
CL55x85B	20	24	32	M8x14	83	2.27	200	130	35	0.63
CL60x90B	20	24	32	M8x14	83	2.47	180	120	35	0.69
CL65x95B	20	24	32	M8x16	93	3.04	190	130	35	0.73
CL70x110B	24	28	38	M10x14	132	4.60	210	130	70	1.26
CL75x115B	24	28	38	M10x14	131	4.90	195	125	70	1.33
CL80x120B	24	28	38	M10x14	131	5.20	180	120	70	1.40
CL85x125B	24	28	38	M10x16	148	6.30	195	130	70	1.49
CL90x130B	24	28	38	M10x16	147	6.60	180	125	70	1.53
CL95x135B	24	28	38	M10x18	167	7.90	195	135	70	1.62
CL100x145B	29	33	45	M12x14	192	9.60	195	135	125	2.01
CL105x150B	29	33	45	M12x14	190	9.98	185	130	125	2.10
CL110x155B	29	33	45	M12x14	191	10.50	180	125	125	2.15
CL120x165B	29	33	45	M12x14	218	13.10	185	135	125	2.35
CL125x170B	29	33	45	M12x18	220	13.78	180	130	125	2.95
CL130x180B	34	38	50	M12x20	272	17.60	165	120	125	3.51
CL140x190B	34	38	50	M12x22	298	20.90	165	125	125	3.85
CL150x200B	34	38	50	M12x24	324	24.20	170	125	125	4.07
CL160x210B	34	38	50	M12x26	350	28.00	170	130	125	4.30
CL170x225B	38	44	58	M14x22	386	32.80	160	120	190	5.78
CL180x235B	38	44	58	M14x24	420	37.80	165	125	190	6.05
CL190x250B	46	52	66	M14x28	490	46.50	150	115	190	8.25
CL200x260B	46	52	66	M14x30	525	52.50	150	115	190	8.65
CL210x275B	50	56	72	M16x24	599	62.89	151	115	295	10.10

T CAPT-LOCKS

- * Self centering
- * Easy to install



As the specified data between outside diameter D and the inner bore d for CAPT LOCK Type T has a very small difference, and it suit for the connection with the shaft in a medium or small diameter, specially for the connection in a small space between the inner bore of hub and shaft.

The working fundation for CAPT lock Type T is that the inner ring with flange and taper surface is fixed with the outside ring with taper bore by relevant tightening bolt and tighten the bolt to make the inner ring move axially. The emerged pressure and friction in radius effect the connection between hub and shaft.

There is a locating ring between the inner ring and outer ring to use for locating and sealing.

Type T CAPT lock is composed by an inner ring, an outer ring, a locating ring and relevant tightening bolt which have charac teristics for simple structure, self centered, good concentricity, good sealing, dust-proof and water-proof etc.

Catalog	Fundamental dimensions						SizesxN	Rated load		Ps	Ph	Ma	G
	E	F	L1	L2	L	Ls		Ft(Kn)	Mt(Kn.m)				
CL11x18T	32	28	14	23	26	30	M4x4	9.8	0.053	170	105	4.9	0.17
CL12x18T	32	28	14	23	26	30	M4x4	9.8	0.058	160	105	4.9	0.18
CL13x23T	38	33	14	23	26	30	M4x4	9.8	0.063	140	80	4.9	0.19
CL14x23T	38	33	14	23	26	30	M4x4	9.8	0.068	130	80	4.9	0.2
CL15x24T	45	40	16	29	36	42	M6x3	17	0.127	185	115	17	0.21
CL16x24T	45	40	16	29	36	42	m6x3	17	0.136	175	115	17	0.23
CL17x26T	47	42	18	31	38	44	M6x4	2	0.18	190	125	17	0.25
CL18x26T	47	42	18	31	38	44	M6x4	22	0.20	180	125	17	0.27
CL19x27T	49	43	18	31	38	44	M6x4	22	0.21	170	120	17	0.29
CL20x28T	50	44	18	31	38	44	M6x4	22	0.22	160	115	17	0.30
CL22x32T	54	48	25	38	45	51	M6x4	22	0.25	115	80	17	0.38
CL24x34T	56	50	25	38	45	51	M6x4	22	0.27	105	75	17	0.41
CL25x34T	56	50	25	38	45	51	M6x4	22	0.25	100	75	17	0.45
CL28x39T	61	55	25	38	45	51	M6x6	33	0.465	135	97	17	0.47
CL30x41T	62	57	25	38	45	51	M6x6	33	0.51	127	90	17	0.48
CL32x43T	65	59	25	38	45	51	M6x6	33	0.54	120	90	17	0.52
CL35x47T	69	62	32	45	52	58	M6x8	45	0.79	105	80	17	0.63
CL38x50T	72	66	32	45	52	58	M6x8	45	0.86	100	75	17	0.67
CL40x53T	75	69	32	45	52	58	M6x8	45	0.90	95	70	17	0.73
CL42x55T	78	71	32	45	52	58	M6x8	45	0.95	90	70	17	0.78
CL45x59T	86	80	45	62	70	78	M8x8	84	1.89	110	85	41	1.23
CL48x62T	87	81	45	62	70	78	M8x8	84	2.01	105	80	41	1.24
CL50x65T	92	84	45	62	70	78	M8x8	84	2.10	100	75	41	1.40
CL55x71T	98	92	55	72	80	88	M8x9	94	2.60	85	65	41	1.70
CL60x77T	104	98	55	72	80	88	M8x9	94	2.84	75	60	41	1.90
CL65x84T	111	105	55	72	80	88	M8x9	94	3.07	70	55	41	2.21
CL70x90T	119	113	65	86	96	106	M10x9	150	5.25	90	70	83	3.05
CL75x95T	126	119	65	86	96	106	M10x9	150	5.60	80	65	83	3.32
CL80x100T	131	125	65	86	96	106	M10x12	200	8.02	100	80	83	3.50
CL85x106T	137	131	62	86	96	106	M10x12	200	8.50	95	75	83	3.81
CL90x112T	144	137	65	86	96	106	M10x12	200	9.00	90	75	83	4.20
CL95x120T	149	142	65	86	96	106	M10x14	230	11.0	100	80	83	4.75
CL100x125T	154	147	65	86	96	106	M10x18	300	15.0	120	95	83	5.46
CL110x140T	180	172	90	114	128	140	M12x12	290	16.0	80	65	145	6.05
CL120x155T	198	187	90	114	128	140	M12x12	290	17.5	70	55	145	7.18
CL130x165T	208	197	90	114	128	140	M12x16	384	25.0	90	70	145	8.03