

B Series



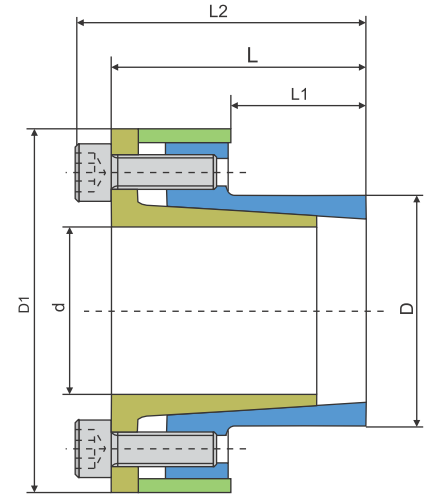
B Series

- Medium torque
- Self-centering
- Self-locking
- Suited for thin walled hubs
- No axial movement during clamping

Technical qualification

Tolerance : Shaft h8 / Hub H8

Surface roughness : Ra max. 12.5



(Screw head height = Screw diameter)

Part No.	Size (mm)	Dimensions (mm)			Rated Load		Contact Pressure		Locking Screws		Weight (Approx.) (kg)
	dxDxL	L1	L2	D1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	NxType (G. 12.9)	Tightening (N.m)	
OBC-6x14x21 B	6x14x21	10	24	25	4.00	12	185	80	3xM3	2	0.05
OBC-7x15x25 B	7x15x25	12	29	27	7.00	24	223	105	3xM4	5	0.06
OBC-8x15x25 B	8x15x25	12	29	27	7.00	29	207	111	3xM4	5	0.07
OBC-9x16x26 B	9x16x26	14	30	28	10.0	42	197	110	4xM4	5	0.07
OBC-10x16x26 B	10x16x26	14	30	28	10.0	48	179	112	4xM4	5	0.07
OBC-11x18x26 B	11x18x26	14	30	32	10.0	51	165	102	4xM4	5	0.07
OBC-12x18x26 B	12x18x26	14	30	32	10.0	55	152	100	4xM4	5	0.08
OBC-13x23x26 B	13x23x26	14	30	38	10.0	64	143	82	4xM4	5	0.11
OBC-14x23x26 B	14x23x26	14	30	38	10.0	68	130	80	4xM4	5	0.11
OBC-15x24x36 B	15x24x36	16	42	45	18.0	133	194	121	3xM6	17	0.22
OBC-16x24x36 B	16x24x36	16	42	45	18.0	140	180	118	3xM6	17	0.22
OBC-17x26x38 B	17x26x38	18	44	47	22	180	190	125	4xM6	17	0.25
OBC-18x26x38 B	18x26x38	18	44	47	22	200	180	125	4xM6	17	0.23
OBC-19x27x38 B	19x27x38	18	44	49	22	210	172	121	4xM6	17	0.25
OBC-20x28x38 B	20x28x38	18	44	50	22	220	160	115	4xM6	17	0.26
OBC-22x32x45 B	22x32x45	25	51	54	22	250	113	78	4xM6	17	0.35
OBC-24x34x45 B	24x34x45	25	51	56	22	270	106	76	4xM6	17	0.36
OBC-25x34x45 B	25x34x45	25	51	56	22	280	101	76	4xM6	17	0.34
OBC-28x39x45 B	28x39x45	25	51	61	32	450	130	93	6xM6	17	0.42
OBC-30x41x45 B	30x41x45	25	51	62	32	500	133	95	6xM6	17	0.43
OBC-32x43x45 B	32x43x45	25	51	65	35	540	115	86	6xM6	17	0.49
OBC-35x47x52 B	35x47x52	32	58	69	44	800	106	81	8xM6	17	0.55
OBC-38x50x52 B	38x50x52	32	58	72	45	900	105	79	8xM6	17	0.62
OBC-40x53x52 B	40x53x52	32	58	75	45	900	92	68	8xM6	17	0.64
OBC-42x55x52 B	42x55x52	32	58	78	47	1000	90	70	8xM6	17	0.85
OBC-45x59x70 B	45x59x70	45	78	86	80	1800	105	81	8xM6	41	1.05



Part No.	Size (mm)	Dimensions (mm)			Rated Load		Contact Pressure		Locking Screws		Weight (Approx.) (kg)
	dxDxL	L1	L2	D1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	NxType (G. 12.9)	Tightening (N.m)	
OBC-48x62x70 B	48x62x70	45	78	87	81	1950	102	78	8xM8	41	1.13
OBC-50x65x70 B	50x65x70	45	78	92	81	2020	96	72	8xM8	41	1.26
OBC-55x71x80 B	55x71x80	55	88	98	95	2730	89	68	9xM8	41	1.53
OBC-60x77x80 B	60x77x80	55	88	104	98	2870	76	61	9xM8	41	1.66
OBC-65x84x80 B	65x84x80	55	88	111	99	3190	73	57	9xM8	41	1.90
OBC-70x90x96 B	70x90x96	65	106	119	147	5150	88	69	9xM10	83	3.0
OBC-75x95x96 B	75x95x96	65	106	126	153	5710	82	66	9xM10	83	3.1
OBC-80x100x96 B	80x100x96	65	106	131	196	8260	103	82	12xM10	83	3.3
OBC-85x106x96 B	85x106x96	65	106	137	204	8670	97	77	12xM10	83	3.6
OBC-90x112x96 B	90x112x96	65	106	144	206	8800	88	74	12xM10	83	4.0
OBC-95x120x96 B	95x120x96	65	106	149	237	11300	103	82	14xM10	83	4.7
OBC-100x125x96 B	100x125x96	65	106	154	285	14300	114	90	18xM10	83	5.2
OBC-110x140x128 B	110x140x128	90	140	180	293	16600	83	68	12xM12	145	8.7
OBC-120x155x128 B	120x155x128	90	140	198	302	17700	71	56	12xM12	145	10.6
OBC-130x165x128 B	130x165x128	90	140	208	380	24800	89	69	16xM12	145	11.3

Inch size and special dimensions available upon request.

