

TOLERANCE (T_L) Bore diameter machined to $D - 0/+T_L$

$T_L =$.05mm for bores up to 50mm
 .08mm for bores up to 120mm
 .10mm for bores up to 235mm
 .13mm for bores up to 375mm
 .15mm for bores over 375mm

 $d =$ Shaft diameter machined to $d + 0/-T_L$

B-LOC® B400 Metric

B400 – Metric

Part Number	d (mm)	D (mm)	L (mm)	L ₁ (mm)	L _S (mm)	Locking Screws		M _a	d _g	Maximum Transmitted		P _h	Shipping Weight (kg)
						Qty	Size			Install Torque (Nm)	Torque (Nm)		
T401018	18	47	17	20	26	8	M6 x 18	15	M8	302	33561	111	0.2
T401019	19	47	17	20	26	8	M6 x 18	15	M8	319	33561	111	0.2
B401020	20	47	17	20	26	8	M6 x 18	15	M8	335	33561	111	0.2
T401022	22	47	17	20	26	8	M6 x 18	15	M8	369	33561	111	0.2
B401024	24	50	17	20	26	9	M6 x 18	15	M8	453	37756	118	0.2
B401025	25	50	17	20	26	9	M6 x 18	15	M8	472	37756	118	0.2
B401028	28	55	17	20	26	10	M6 x 18	15	M8	587	41952	119	0.3
B401030	30	55	17	20	26	10	M6 x 18	15	M8	629	41952	119	0.3
B401032	32	60	17	20	26	12	M6 x 18	15	M8	806	50342	131	0.3
B401035	35	60	17	20	26	12	M6 x 18	15	M8	881	50342	131	0.3
B401038	38	65	17	20	26	14	M6 x 18	15	M8	1116	58732	141	0.3
B401040	40	65	17	20	26	14	M6 x 18	15	M8	1175	58732	141	0.3
B401042	42	75	20	24	32	12	M8 x 22	35	M10	1892	90071	159	0.6
B401045	45	75	20	24	32	12	M8 x 22	35	M10	2027	90071	159	0.5
T401048	48	80	20	24	32	12	M8 x 22	35	M10	2162	90071	149	0.6
B401050	50	80	20	24	32	12	M8 x 22	35	M10	2252	90071	149	0.6
B401055	55	85	20	24	32	14	M8 x 22	35	M10	2889	105083	164	0.6
B401060	60	90	20	24	32	14	M8 x 22	35	M10	3152	105083	155	0.7
B401065	65	95	20	24	32	16	M8 x 22	35	M10	3903	120095	168	0.7
B401070	70	110	24	28	38	14	M10 x 25	69	M12	5880	167988	169	1.2
B401075	75	115	24	28	38	14	M10 x 25	69	M12	6300	167988	161	1.3
B401080	80	120	24	28	38	14	M10 x 25	69	M12	6720	167988	155	1.4
T401085	85	125	24	28	38	16	M10 x 25	69	M12	8158	191986	170	1.4
B401090	90	130	24	28	38	16	M10 x 25	69	M12	8639	191986	163	1.5
B401095	95	135	24	28	38	18	M10 x 25	69	M12	10259	215984	177	1.6
B401100	100	145	26	33	45	14	M12 x 30	123	M14	12800	255998	180	2
B401110	110	155	26	33	45	14	M12 x 30	123	M14	14081	255998	169	2
B401120	120	165	26	33	45	16	M12 x 30	123	M14	17553	292569	181	3
B401130	130	180	34	38	50	20	M12 x 35	123	M14	23771	365712	159	4
B401140	140	190	34	38	50	22	M12 x 35	123	M14	28161	402283	165	4
T401150	150	200	34	38	50	24	M12 x 35	123	M14	32917	438854	171	4
B401160	160	210	34	38	50	26	M12 x 35	123	M14	38033	475425	177	4
B401170	170	225	38	44	58	22	M14 x 40	187	M16	44752	526487	163	6
B401180	180	235	38	44	58	24	M14 x 40	187	M16	51694	574350	171	6
B401190	190	250	46	52	66	28	M14 x 45	187	M16	63654	670075	155	8
B401200	200	260	46	52	66	30	M14 x 45	187	M16	71794	717937	159	9
B401220	220	285	50	56	72	26	M16 x 50	290	M20	93540	850401	158	11
B401240	240	305	50	56	72	30	M16 x 50	290	M20	117750	981232	171	12
B401260	260	325	50	56	72	34	M16 x 50	290	M20	144565	1112063	182	13
T401280	280	355	60	66	84	32	M18 x 60	397	M22	178059	1271808	158	19
T401300	300	375	60	66	84	36	M18 x 60	397	M22	214617	1430784	169	21
T401320	320	405	72	78	98	36	M20 x 70	569	M24	295337	1845919	168	29
T401340	340	425	72	78	98	36	M20 x 70	569	M24	313810	1845919	160	31
T401360	360	455	84	90	112	36	M22 x 80	766	M27	410431	2280208	158	43
T401380	380	475	84	90	112	36	M22 x 80	766	M27	433250	2280208	152	45
T401400	400	495	84	90	112	36	M22 x 80	766	M27	456041	2280208	145	47
T401420	420	515	84	90	112	40	M22 x 80	766	M27	532035	2533564	155	49
T401440	440	545	96	102	126	40	M24 x 90	983	M30	651795	2962675	150	65
T401460	460	565	96	102	126	40	M24 x 90	983	M30	681406	2962675	145	67
T401480	480	585	96	102	126	42	M24 x 90	983	M30	746608	3110809	147	71
T401500	500	605	96	102	126	44	M24 x 90	983	M30	814734	3258942	149	72

B400 – Pilot Bushings

B-LOC pilot bushings: for series B400 Keyless Bushings to provide pre-centering in applications with either straight through hub bores or narrow hubs. Pilot bushings are supplied in sets consisting of three (3) bushings and three (3) longer screws (replacing plated locking screws). For more information refer to www.fennerdrives.com or contact Applications Engineering at AE@fennerdrives.com.

Recommended pre-centering length in installations without pilot bushings. Provide a minimum .001" clearance (hub concentricity depends on fit clearance).

