

# B-LOC® B103 Metric

TOLERANCE ( $T_L$ )

Bore diameter machined to  $D -0/+T_L$   
 $T_L =$  .05mm for bores up to 120mm  
 .08mm for bores up to 305mm  
 .10mm for bores over 305mm

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

## B103 — Metric

Part Number	d (mm)	D (mm)	L (mm)	L <sub>1</sub> (mm)	L <sub>2</sub> (mm)	Locking Screws		M <sub>a</sub> Install Torque (Nm)	M <sub>t</sub> Maximum Transmitted Torque (Nm)	T <sub>h</sub> Thrust (N)	P <sub>h</sub> Hub Pressure (N/mm <sup>2</sup> )	Shipping Weight (kg)
						Qty	Size					
								T301015	15	32	14	
T301018	18	47	17	28.5	22.5	5	M6 x 20	14	327	36371	121	0.3
T301019	19	47	17	28.5	22.5	5	M6 x 20	14	346	36371	121	0.3
T301020	20	47	17	28.5	22.5	5	M6 x 20	14	364	36371	121	0.3
T301022	22	47	17	28.5	22.5	5	M6 x 20	14	400	36371	121	0.2
T301024	24	50	17	28.5	22.5	6	M6 x 20	14	524	43645	136	0.3
B301025	25	50	17	28.5	22.5	6	M6 x 20	14	546	43645	136	0.3
T301028	28	55	17	28.5	22.5	6	M6 x 20	14	611	43645	124	0.3
B301030	30	55	17	28.5	22.5	6	M6 x 20	14	655	43645	124	0.3
T301032	32	60	17	28.5	22.5	8	M6 x 20	14	931	58193	151	0.4
B301035	35	60	17	28.5	22.5	8	M6 x 20	14	1018	58193	151	0.3
T301038	38	65	17	28.5	22.5	8	M6 x 20	14	1106	58193	140	0.4
B301040	40	65	17	28.5	22.5	8	M6 x 20	14	1164	58193	140	0.4
T301042	42	75	20	34.5	26.5	7	M8 x 25	34	1991	94822	168	0.7
B301045	45	75	20	34.5	26.5	7	M8 x 25	34	2133	94822	168	0.6
B301050	50	80	20	34.5	26.5	7	M8 x 25	34	2371	94822	157	0.7
T301055	55	85	20	34.5	26.5	8	M8 x 25	34	2980	108368	169	0.8
B301060	60	90	20	34.5	26.5	8	M8 x 25	34	3251	108368	160	0.8
T301065	65	95	20	34.5	26.5	9	M8 x 25	34	3962	121914	170	0.9
B301070	70	110	24	40.5	30.5	8	M10 x 30	68	6151	175750	177	1.6
T301075	75	115	24	40.5	30.5	8	M10 x 30	68	6591	175750	169	1.6
T301080	80	120	24	40.5	30.5	8	M10 x 30	68	7030	175750	162	1.7
B301085	85	125	24	40.5	30.5	9	M10 x 30	68	8403	197719	175	1.8
B301090	90	130	24	40.5	30.5	9	M10 x 30	68	8897	197719	168	1.9
T301095	95	135	24	40.5	30.5	10	M10 x 30	68	10435	219688	180	2
B301100	100	145	26	45	33	8	M12 x 35	122	13478	269557	190	3
T301110	110	155	26	45	33	8	M12 x 35	122	14826	269557	177	3
B301120	120	165	26	45	33	9	M12 x 35	122	18195	303251	188	3
T301130	130	180	34	55	41	9	M14 x 40	183	25452	391574	170	5
T301140	140	190	34	55	41	9	M14 x 40	183	27410	391574	161	5
T301150	150	200	34	55	41	10	M14 x 40	183	32631	435082	170	5
T301160	160	210	34	55	41	11	M14 x 40	183	38287	478591	178	6
T301170	170	225	44	65	51	12	M14 x 40	183	44378	522099	140	8
T301180	180	235	44	65	51	12	M14 x 40	183	46989	522099	134	8
T301190	190	250	44	65	51	15	M14 x 40	183	61999	652624	157	9
T301200	200	260	44	65	51	15	M14 x 40	183	65262	652624	151	10
T301220	220	285	50	73	57	12	M16 x 45	297	82145	746770	139	13
T301240	240	305	50	73	57	15	M16 x 45	297	112016	933463	162	14
T301260	260	325	50	73	57	18	M16 x 45	297	145620	1120155	183	15
T301280	280	355	60	85	67	16	M18 x 50	393	163726	1169473	146	23
T301300	300	375	60	85	67	18	M18 x 50	393	197349	1315657	155	24
T301320	320	405	74	102	82	18	M20 x 50	569	274346	1714665	152	34
T301340	340	425	74	102	82	21	M20 x 50	569	340075	2000443	169	36
T301360	360	455	86	116	94	18	M22 x 60	759	377769	2098718	142	49
T301380	380	475	86	116	94	21	M22 x 60	759	465216	2448505	159	52
T301400	400	495	86	116	94	21	M22 x 60	759	489701	2448505	153	55