

B-LOC® B112 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 up to 635mm
 .13mm for bores over 635mm

d = shaft diameter machined to d +0/-T_L.

B112 – Heavy Duty – Metric

Part Number	d (mm)	D (mm)	L (mm)	L ₁ (mm)	Locking Screws		M _a	M _t	Th	P _h	Shipping Weight (kg)
					Qty	Size	Install Torque (Nm)	Maximum Transmitted		Hub Pressure (N/mm ²)	
								Torque (Nm)	Thrust (N)		
T121024	24	55	32	40	6	M6 x 35	16	755	62949	126	0.4
B121025	25	55	32	40	6	M6 x 35	16	787	62949	126	0.4
T121028	28	55	32	40	6	M6 x 35	16	881	62949	126	0.4
B121030	30	55	32	40	6	M6 x 35	16	944	62949	126	0.4
T121032	32	60	44	54	7	M6 x 45	16	1175	73440	95	0.6
B121035	35	60	44	54	7	M6 x 45	16	1285	73440	95	0.6
T121038	38	75	44	54	7	M8 x 50	41	2742	144304	150	1.0
B121040	40	75	44	54	7	M8 x 50	41	2886	144304	150	1.0
T121042	42	75	44	54	7	M8 x 50	41	3030	144304	150	1.0
B121045	45	75	44	54	7	M8 x 50	41	3247	144304	150	0.9
T121048	48	80	56	66	8	M8 x 55	41	3958	164918	124	1.3
B121050	50	80	56	66	8	M8 x 55	41	4123	164918	124	1.2
B121055	55	85	56	66	9	M8 x 55	41	5102	185533	132	1.3
B121060	60	90	56	66	10	M8 x 55	41	6184	206148	138	1.4
B121065	65	95	56	66	10	M8 x 55	41	6700	206148	131	1.5
B121070	70	110	70	80	10	M10 x 60	81	11559	330251	142	3
T121075	75	115	70	80	10	M10 x 60	81	12384	330251	136	3
B121080	80	120	70	80	11	M10 x 60	81	14531	363276	143	3
T121085	85	125	70	80	11	M10 x 60	81	15439	363276	138	3
B121090	90	130	70	80	12	M10 x 60	81	17834	396302	144	4
T121095	95	135	70	80	12	M10 x 60	81	18824	396302	139	4
B121100	100	145	90	102	11	M12 x 80	142	27222	544433	142	6
B121110	110	155	90	102	12	M12 x 80	142	32666	593927	145	6
B121120	120	165	90	102	14	M12 x 80	142	41575	692914	159	7
B121130	130	180	104	116	12	M14 x 90	225	52658	810116	142	9
B121140	140	190	104	116	14	M14 x 90	225	66159	945135	157	10
B121150	150	200	104	116	15	M14 x 90	225	75948	1012645	160	10
B121160	160	210	104	116	16	M14 x 90	225	86412	1080154	162	11
T121170	170	225	134	149	14	M16 x 110	348	109506	1288307	138	16
T121180	180	235	134	149	15	M16 x 110	348	124230	1380329	142	17
T121190	190	250	134	149	16	M16 x 110	348	139873	1472351	142	20
B121200	200	260	134	149	16	M16 x 110	348	147235	1472351	137	21
B121220	220	285	134	150	18	M16 x 110	348	182203	1656395	140	25
B121240	240	305	134	150	20	M16 x 110	348	220853	1840439	146	27
T121260	260	325	134	150	21	M16 x 110	348	251220	1932460	143	29
T121280	280	355	165	177	18	M20 x 130	678	360984	2578456	146	43
T121300	300	375	165	177	20	M20 x 130	678	429743	2864951	154	47
T121320	320	405	165	177	21	M20 x 130	678	481312	3008198	149	56
T121340	340	425	165	177	22	M20 x 130	678	535746	3151446	149	60
T121360	360	455	190	203	21	M22 x 150	915	670526	3725144	143	80
T121380	380	475	190	203	22	M22 x 150	915	741481	3902532	143	85
T121400	400	495	190	203	24	M22 x 150	915	851462	4257308	150	88
T121420	420	515	190	203	24	M22 x 150	915	894035	4257308	144	92
T121440	440	535	190	203	24	M22 x 150	915	936608	4257308	139	96
T121460	460	555	190	203	24	M22 x 150	915	979181	4257308	134	101
T121480	480	575	190	203	28	M22 x 150	915	1192046	4966859	151	103
T121500	500	595	190	203	28	M22 x 150	915	1241715	4966859	146	108
T121520	520	615	190	203	30	M22 x 150	915	1383625	5321634	151	111
T121540	540	635	190	203	30	M22 x 150	915	1436841	5321634	146	114
T121560	560	655	190	203	32	M22 x 150	915	1589395	5676410	151	119
T121580	580	675	190	203	32	M22 x 150	915	1646159	5676410	147	123
T121600	600	695	190	203	33	M22 x 150	915	1756139	5853798	147	128