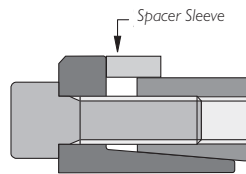


# B-LOC® B106 Metric

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/- $T_L$



Note: Series B106 also available with optional integrated spacer sleeve (ideal for very narrow drive elements). Spacers are 0.275" wide for B106 sizes with D=2.559" (65mm) and smaller, and 0.315" wide for all others.

**B106 – Metric**

Part Number	d (mm)	D (mm)	D <sub>1</sub> (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					
T601014	14	28	32	14	20.5	17	4	M4 x 12	5	68	9713	66	0.1
T601015	15	28	32	14	20.5	17	4	M4 x 12	5	73	9713	66	0.1
T601018	18	47	52	17	28.5	22.5	5	M6 x 20	16	236	26234	87	0.3
T601019	19	47	52	17	28.5	22.5	5	M6 x 20	16	249	26234	87	0.3
T601020	20	47	52	17	28.5	22.5	5	M6 x 20	16	262	26234	87	0.3
B601022	22	47	52	17	28.5	22.5	5	M6 x 20	16	289	26234	87	0.3
T601024	24	50	56.5	17	28.5	22.5	6	M6 x 20	16	378	31481	98	0.3
B601025	25	50	56.5	17	28.5	22.5	6	M6 x 20	16	394	31481	98	0.3
B601028	28	55	61.5	17	28.5	22.5	6	M6 x 20	16	441	31481	89	0.4
B601030	30	55	61.5	17	28.5	22.5	6	M6 x 20	16	472	31481	89	0.3
T601032	32	60	66.5	17	28.5	22.5	8	M6 x 20	16	672	41975	109	0.4
B601035	35	60	66.5	17	28.5	22.5	8	M6 x 20	16	735	41975	109	0.4
T601038	38	65	71.5	17	28.5	22.5	8	M6 x 20	16	798	41975	101	0.5
B601040	40	65	71.5	17	28.5	22.5	8	M6 x 20	16	839	41975	101	0.5
T601042	42	75	83.5	20	34.5	26.5	7	M8 x 25	41	1515	72167	128	0.8
B601045	45	75	83.5	20	34.5	26.5	7	M8 x 25	41	1624	72167	128	0.7
T601048	48	80	88.5	20	34.5	26.5	7	M8 x 25	41	1732	72167	120	0.8
B601050	50	80	88.5	20	34.5	26.5	7	M8 x 25	41	1804	72167	120	0.8
B601055	55	85	93.5	20	34.5	26.5	8	M8 x 25	41	2268	82476	129	0.8
B601060	60	90	98	20	34.5	26.5	8	M8 x 25	41	2474	82476	122	0.9
T601063	63	95	102	20	34.5	26.5	9	M8 x 25	41	2923	92786	130	0.9
T601065	65	95	102	20	34.5	26.5	9	M8 x 25	41	3016	92786	130	0.9
T601070	70	110	119	24	40.5	30.5	8	M10 x 30	81	4624	132127	133	1.7
B601075	75	115	124	24	40.5	30.5	8	M10 x 30	81	4955	132127	127	1.8
B601080	80	120	129	24	40.5	30.5	8	M10 x 30	81	5285	132127	122	1.9
T601085	85	125	134	24	40.5	30.5	9	M10 x 30	81	6317	148643	131	2
B601090	90	130	139	24	40.5	30.5	9	M10 x 30	81	6689	148643	126	2
T601095	95	135	144	24	40.5	30.5	10	M10 x 30	81	7845	165159	135	2
B601100	100	145	154	26	45	33	8	M12 x 35	142	9901	198016	139	3
B601110	110	155	164	26	45	33	8	M12 x 35	142	10891	198016	130	3
B601120	120	165	174	26	45	33	9	M12 x 35	142	13366	222768	138	3
T601130	130	180	189	34	55	41	9	M14 x 40	225	19751	303855	132	5
B601140	140	190	199	34	55	41	9	M14 x 40	225	21270	303855	125	5
T601150	150	200	209	34	55	41	10	M14 x 40	225	25321	337617	132	6
B601160	160	210	219	34	55	41	11	M14 x 40	225	29710	371379	138	6
B601170	170	225	234	44	65	51	12	M14 x 40	225	34437	405140	109	8
B601180	180	235	244	44	65	51	12	M14 x 40	225	36463	405140	104	9
T601190	190	250	259	44	65	51	15	M14 x 40	225	48110	506425	122	10
B601200	200	260	269	44	65	51	15	M14 x 40	225	50643	506425	117	10
T601220	220	285	294	50	73	57	12	M16 x 45	348	60747	552244	103	14
T601240	240	305	314	50	73	57	15	M16 x 45	348	82837	690305	120	15
T601260	260	325	334	50	73	57	18	M16 x 45	348	107688	828366	135	16
T601280	280	355	364	60	85	67	16	M18 x 50	475	124894	892098	111	23
T601300	300	375	384	60	85	67	18	M18 x 50	475	150542	1003610	118	25
T601320	320	405	414	74	102	82	18	M20 x 50	678	206318	1289490	114	35
T601340	340	425	434	74	102	82	21	M20 x 50	678	255749	1504405	127	37
T601360	360	455	464	86	116	94	18	M22 x 60	915	287427	1596815	108	51
T601380	380	475	484	86	116	94	21	M22 x 60	915	353961	1862951	121	53
T601400	400	495	504	86	116	94	21	M22 x 60	915	372590	1862951	116	57