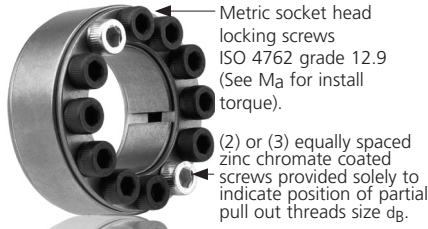


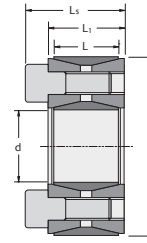
Power Transmission - B-LOC®

B-LOC® B400 Inch

B400 – Inch



Screw head height = screw diameter (mm)



TOLERANCE (T_L)

Bore diameter machined to D -0/+T_L
 T_L = .002" for bores up to 1.969"
 .003" for bores up to 4.724"
 .004" for bores up to 9.252"
 .005" for bores up to 14.764"
 .006" for bores over 14.764"

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

Part Number	d (inch)	D (inch)	L (inch)	L ₁ (inch)	L _s (inch)	Locking Screws		M _a Install Torque (ft lb)	d _B	M _t Maximum Transmitted		P _h Hub Pressure (psi)	Shipping Weight (lb)
						Qty	Size			Torque (ft lb)	Thrust (lbs)		
B402012	3/4	1.850	0.669	0.787	1.024	8	M6 x 18	11	M8	234	7501	16067	0.5
B402014	7/8	1.850	0.669	0.787	1.024	8	M6 x 18	11	M8	273	7501	16067	0.5
B402100	1	1.969	0.669	0.787	1.024	9	M6 x 18	11	M8	352	8439	16991	0.5
B402102	1 1/8	2.165	0.669	0.787	1.024	10	M6 x 18	11	M8	440	9377	17162	0.6
T402103	1 3/16	2.159	0.669	0.787	1.024	10	M6 x 18	11	M8	464	9377	17212	0.6
B402104	1 1/4	2.362	0.669	0.787	1.024	12	M6 x 18	11	M8	586	11252	18880	0.7
T402106	1 3/8	2.365	0.669	0.787	1.024	12	M6 x 18	11	M8	645	11252	18856	0.6
B402107	1 7/16	2.559	0.669	0.787	1.024	14	M6 x 18	11	M8	786	13127	20331	0.8
B402108	1 1/2	2.559	0.669	0.787	1.024	14	M6 x 18	11	M8	820	13127	20331	0.7
B402110	1 5/8	2.953	0.787	0.945	1.260	12	M8 x 22	26	M10	1381	20393	23267	1.3
B402111	1 11/16	2.953	0.787	0.945	1.260	12	M8 x 22	26	M10	1434	20393	23267	1.2
B402112	1 3/4	2.953	0.787	0.945	1.260	12	M8 x 22	26	M10	1487	20393	23267	1.2
B402114	1 7/8	3.150	0.787	0.945	1.260	12	M8 x 22	26	M10	1593	20393	21812	1.3
B402115	1 15/16	3.150	0.787	0.945	1.260	12	M8 x 22	26	M10	1646	20393	21812	1.3
B402200	2	3.346	0.787	0.945	1.260	14	M8 x 22	26	M10	1983	23792	23951	1.5
B402202	2 1/8	3.346	0.787	0.945	1.260	14	M8 x 22	26	M10	2107	23792	23951	1.4
B402203	2 3/16	3.543	0.787	0.945	1.260	14	M8 x 22	26	M10	2169	23792	22622	1.6
B402204	2 1/4	3.543	0.787	0.945	1.260	14	M8 x 22	26	M10	2231	23792	22620	1.5
T402206	2 3/8	3.531	0.787	0.945	1.260	14	M8 x 22	26	M10	2354	23792	22699	1.4
B402207	2 7/16	3.740	0.787	0.945	1.260	16	M8 x 22	26	M10	2762	27191	24491	1.6
B402208	2 1/2	3.740	0.787	0.945	1.260	16	M8 x 22	26	M10	2832	27191	24491	1.6
T402209	2 9/16	3.737	0.787	0.945	1.260	16	M8 x 22	26	M10	2903	27191	24512	1.5
B402210	2 5/8	4.331	0.945	1.102	1.496	14	M10 x 25	51	M12	4139	37844	24532	2.8
B402211	2 11/16	4.331	0.945	1.102	1.496	14	M10 x 25	51	M12	4238	37844	24532	2.8
T402212	2 3/4	4.337	0.945	1.102	1.496	14	M10 x 25	51	M12	4336	37844	24496	2.7
T402214	2 7/8	4.528	0.945	1.102	1.496	14	M10 x 25	51	M12	4533	37844	23465	2.9
B402215	2 15/16	4.528	0.945	1.102	1.496	14	M10 x 25	51	M12	4632	37844	23465	2.8
B402300	3	4.724	0.945	1.102	1.496	14	M10 x 25	51	M12	4730	37844	22487	3.2
B402302	3 1/8	4.724	0.945	1.102	1.496	14	M10 x 25	51	M12	4928	37844	22487	3.0
T402304	3 1/4	4.921	0.945	1.102	1.496	16	M10 x 25	51	M12	5857	43250	24672	3.3
B402306	3 3/8	4.921	0.945	1.102	1.496	16	M10 x 25	51	M12	6082	43250	24672	3.1
B402307	3 7/16	5.118	0.945	1.102	1.496	16	M10 x 25	51	M12	6195	43250	23723	3.4
B402308	3 1/2	5.118	0.945	1.102	1.496	16	M10 x 25	51	M12	6307	43250	23723	3.4
T402312	3 3/4	5.305	0.945	1.102	1.496	18	M10 x 25	51	M12	7603	48656	25748	3.5
T402314	3 7/8	5.709	1.024	1.299	1.772	14	M12 x 30	91	M14	9320	57726	26204	4.8
T402315	3 15/16	5.709	1.024	1.299	1.772	14	M12 x 30	91	M14	9471	57726	26204	4.7
B402400	4	5.843	1.024	1.299	1.772	14	M12 x 30	91	M14	9621	57726	25602	5
T402403	4 3/16	6.102	1.024	1.299	1.772	14	M12 x 30	91	M14	10072	57726	24513	6
B402407	4 7/16	6.496	1.024	1.299	1.772	16	M12 x 30	91	M14	12198	65972	26317	6
B402408	4 1/2	6.496	1.024	1.299	1.772	16	M12 x 30	91	M14	12370	65972	26317	6
B402415	4 15/16	7.087	1.339	1.496	1.969	20	M12 x 35	91	M14	16966	82466	23060	8
T402500	5	7.087	1.339	1.496	1.969	20	M12 x 35	91	M14	17180	82466	23060	8
B402507	5 7/16	7.480	1.339	1.496	1.969	22	M12 x 35	91	M14	20552	90712	24031	9
T402508	5 1/2	7.492	1.339	1.496	1.969	22	M12 x 35	91	M14	20788	90712	23993	8
B402600	6	8.268	1.339	1.496	1.969	26	M12 x 35	91	M14	26801	107205	25695	10
T402607	6 7/16	8.858	1.496	1.732	2.283	22	M14 x 40	138	M16	31764	118419	23702	14
B402608	6 1/2	8.858	1.496	1.732	2.283	22	M14 x 40	138	M16	32072	118419	23702	13
B402615	6 15/16	9.252	1.496	1.732	2.283	24	M14 x 40	138	M16	37343	129185	24757	14
B402700	7	9.252	1.496	1.732	2.283	24	M14 x 40	138	M16	37679	129185	24757	14
T402708	7 1/2	9.823	1.811	2.047	2.598	28	M14 x 45	138	M16	47099	150716	22473	18
T402714	7 7/8	10.236	1.811	2.047	2.598	30	M14 x 45	138	M16	52986	161481	23106	19
T402715	7 15/16	10.504	1.811	2.047	2.598	30	M14 x 45	138	M16	53407	161481	22517	19
T402800	8	10.504	1.811	2.047	2.598	30	M14 x 45	138	M16	53827	161481	22517	19