

# Power Transmission - B-LOC®

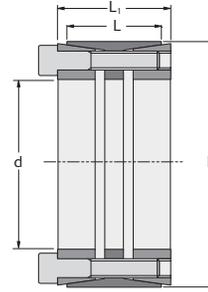
## B-LOC® B112 Inch



Locking screws transfer to integrated push-off holes for disassembly.

Metric socket head locking screws ISO 4762 grade 12.9 (See  $M_a$  for install torque).

Screw head height = screw diameter (mm)



TOLERANCE ( $T_L$ )

Bore diameter machined to  $D - 0/+T_L$   
 $T_L = .002''$  for bores up to 4.724"  
 $.003''$  for bores up to 12.008"  
 $.004''$  for bores up to 25.000"  
 $.005''$  for bores over 25.000"

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

### B112 – Heavy Duty – Inch

Part Number	d (inch)	D (inch)	L (inch)	L <sub>1</sub> (inch)	Locking Screws		M <sub>a</sub> Install Torque (ft lb)	M <sub>t</sub> Maximum Transmitted		P <sub>h</sub> Hub Pressure (psi)	Shipping Weight (lb)
					Qty	Size		Torque (ft lb)	Thrust (lbs)		
B122100	1	2.165	1.260	1.575	6	M6 x 35	12	600	14390	18656	1.0
T122102	1 1/8	2.165	1.260	1.575	6	M6 x 35	12	675	14390	18656	1.0
B122103	1 3/16	2.165	1.260	1.575	6	M6 x 35	12	712	14390	18656	0.9
B122104	1 1/4	2.362	1.732	2.126	7	M6 x 45	12	874	16788	14083	1.5
B122106	1 3/8	2.362	1.732	2.126	7	M6 x 45	12	962	16788	14083	1.4
B122107	1 7/16	2.362	1.732	2.126	7	M6 x 45	12	1006	16788	14083	1.3
B122108	1 1/2	2.953	1.732	2.126	7	M8 x 50	30	2011	32182	21598	2.4
B122110	1 5/8	2.953	1.732	2.126	7	M8 x 50	30	2179	32182	21598	2.3
T122111	1 11/16	2.953	1.732	2.126	7	M8 x 50	30	2263	32182	21598	2.3
B122112	1 3/4	2.953	1.732	2.126	7	M8 x 50	30	2347	32182	21598	2.1
B122114	1 7/8	3.150	2.205	2.598	8	M8 x 55	30	2873	36779	17881	2.9
B122115	1 15/16	3.150	2.205	2.598	8	M8 x 55	30	2969	36779	17881	2.8
B122200	2	3.150	2.205	2.598	8	M8 x 55	30	3065	36779	17881	2.6
B122202	2 1/8	3.346	2.205	2.598	9	M8 x 55	30	3664	41377	18933	2.9
B122203	2 3/16	3.346	2.205	2.598	9	M8 x 55	30	3771	41377	18933	2.8
B122204	2 1/4	3.543	2.205	2.598	10	M8 x 55	30	4310	45974	19868	3.3
B122206	2 3/8	3.543	2.205	2.598	10	M8 x 55	30	4550	45974	19868	3.1
B122207	2 7/16	3.740	2.205	2.598	10	M8 x 55	30	4669	45974	18822	3.6
B122208	2 1/2	3.740	2.205	2.598	10	M8 x 55	30	4789	45974	18822	3.4
B122209	2 9/16	3.740	2.205	2.598	10	M8 x 55	30	4909	45974	18822	3.3
B122210	2 5/8	4.331	2.756	3.150	10	M10 x 60	60	8155	74561	20714	7
T122211	2 11/16	4.331	2.756	3.150	10	M10 x 60	60	8349	74561	20714	7
B122212	2 3/4	4.331	2.756	3.150	10	M10 x 60	60	8543	74561	20714	6
B122214	2 7/8	4.331	2.756	3.150	10	M10 x 60	60	8932	74561	20714	6
B122215	2 15/16	4.724	2.756	3.150	11	M10 x 60	60	10039	82017	20887	8
B122300	3	4.724	2.756	3.150	11	M10 x 60	60	10252	82017	20887	7
T122302	3 1/8	4.724	2.756	3.150	11	M10 x 60	60	10679	82017	20887	7
B122304	3 1/4	4.724	2.756	3.150	11	M10 x 60	60	11107	82017	20887	7
B122306	3 3/8	5.118	2.756	3.150	12	M10 x 60	60	12582	89474	21033	8
B122307	3 7/16	5.118	2.756	3.150	12	M10 x 60	60	12815	89474	21033	8
B122308	3 1/2	5.118	2.756	3.150	12	M10 x 60	60	13048	89474	21033	8
T122310	3 5/8	5.118	2.756	3.150	12	M10 x 60	60	13514	89474	21033	7
B122312	3 3/4	5.709	3.543	4.016	11	M12 x 80	105	19172	122699	20688	13
B122314	3 7/8	5.709	3.543	4.016	11	M12 x 80	105	19811	122699	20688	12
T122315	3 15/16	5.709	3.543	4.016	11	M12 x 80	105	20130	122699	20688	13
B122400	4	5.709	3.543	4.016	11	M12 x 80	105	20450	122699	20688	12
T122404	4 1/4	6.102	3.543	4.016	12	M12 x 80	105	23703	133853	21112	14
T122406	4 3/8	6.102	3.543	4.016	12	M12 x 80	105	24400	133853	21112	13
B122407	4 7/16	6.496	3.543	4.016	14	M12 x 80	105	28874	156162	23138	16
B122408	4 1/2	6.496	3.543	4.016	14	M12 x 80	105	29280	156162	23138	16
T122412	4 3/4	6.496	3.543	4.016	14	M12 x 80	105	30907	156162	23138	14
B122415	4 15/16	7.087	4.094	4.567	12	M14 x 90	166	37477	182167	20618	21
B122500	5	7.087	4.094	4.567	12	M14 x 90	166	37952	182167	20618	21
B122504	5 1/4	7.480	4.094	4.567	14	M14 x 90	166	46491	212528	22789	24
B122507	5 7/16	7.480	4.094	4.567	14	M14 x 90	166	48151	212528	22789	22
T122508	5 1/2	7.480	4.094	4.567	14	M14 x 90	166	48704	212528	22789	21
T122512	5 3/4	7.874	4.094	4.567	15	M14 x 90	166	54555	227709	23196	24
B122515	5 15/16	7.874	4.094	4.567	15	M14 x 90	166	56334	227709	23196	22
B122600	6	8.268	4.094	4.567	16	M14 x 90	166	60722	242890	23564	26
T122607	6 7/16	8.858	5.276	5.866	14	M16 x 110	257	77782	289982	20051	40
T122608	6 1/2	8.858	5.276	5.866	14	M16 x 110	257	78537	289982	20051	39
B122615	6 15/16	9.252	5.276	5.866	15	M16 x 110	257	89810	310695	20569	40
B122700	7	9.252	5.276	5.866	15	M16 x 110	257	90619	310695	20569	38
T122704	7 1/4	9.843	5.276	5.866	16	M16 x 110	257	100113	331408	20624	47
T122707	7 7/16	9.843	5.276	5.866	16	M16 x 110	257	102702	331408	20624	44
T122708	7 1/2	9.843	5.276	5.866	16	M16 x 110	257	103565	331408	20624	43
T122712	7 3/4	10.236	5.276	5.866	16	M16 x 110	257	107017	331408	19830	48
T122715	7 15/16	10.236	5.276	5.866	16	M16 x 110	257	109606	331408	19830	45
T122800	8	10.236	5.276	5.866	16	M16 x 110	257	110469	331408	19830	44