Taper Bore Sprockets BTL

NSPT offers complete series of "BTL" TB Sprockets and matching "BTL" bushes, (Pitch from 3/8"-2"; In-stock bushes from 1008-5050)



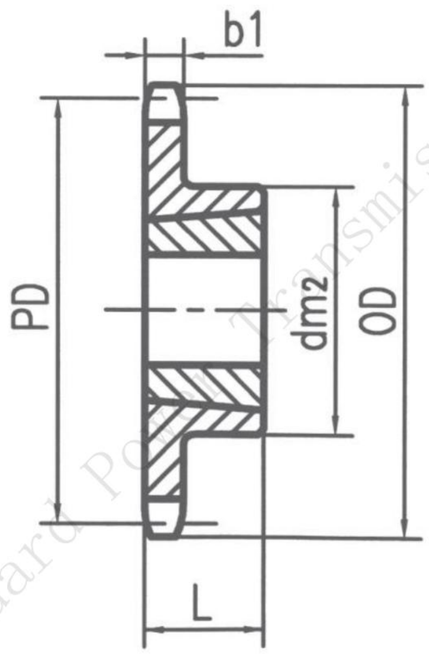
BTL TB sprockets have adopted commerical packaging, which can be labeled under the customers' names.





Complete series of BTL (1008-5050) bushes are all stocked items that can be supplied on-hand.

Taper Bore Sprockets BTL



TYPE B1

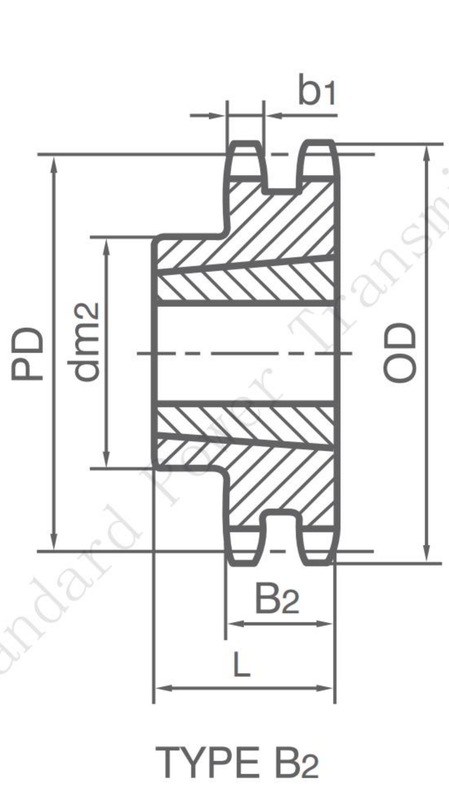


35-1 FOR 3/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
18	TB35B1-18H	1008	2.352	2.159	1	7/8	1 7/8	B1	0.40	0.30
19	TB35B1-19H	1008	2.472	2.278	1	7/8	1 13/16	B1	0.50	0.30
20	TB35B1-20H	1008	2.593	2.397	1	7/8	1 15/16	B1	0.60	0.30
21	TB35B1-21H	1008	2.713	2.516	1	7/8	2 1/16	B1	0.70	0.30
22	TB35B1-22H	1210	2.833	2.635	1 1/4	1	2 3/8	B1	0.80	0.60
23	TB35B1-23H	1210	2.954	2.754	1 1/4	1	2 7/16	B1	0.90	0.60
24	TB35B1-24H	1210	3.074	2.873	1 1/4	1	2 7/16	B1	0.90	0.60
25	TB35B1-25H	1210	3.194	2.992	1 1/4	1	2 7/16	B1	1.20	0.60
26	TB35B1-26H	1610	3.314	3.111	1 5/8	1	2 7/8	B1	1.10	0.90
28	TB35B1-28H	1610	3.553	3.349	1 5/8	1	2 7/8	B1	1.20	0.90
30	TB35B1-30H	1610	3.793	3.588	1 5/8	1	3 1/8	B1	1.20	0.90
32	TB35B1-32H	1610	4.032	3.826	1 5/8	1	3 1/4	B1	1.30	0.90
35	TB35B1-35H	1610	4.392	4.183	1 5/8	1	3 1/4	B1	1.40	0.90
36	TB35B1-36H	1610	4.511	4.303	1 5/8	1	3 1/4	B1	1.40	0.90
40	TB35B1-40H	1610	4.990	4.786	1 5/8	1	3 1/4	B1	1.90	0.90
42	TB35B1-42H	1610	5.229	5.018	1 5/8	1	3 1/4	B1	2.00	0.90
45	TB35B1-45H	1610	5.588	5.376	1 5/8	1	3 1/4	B1	2.10	0.90
48	TB35B1-48H	1610	5.946	5.734	1 5/8	1	3 1/4	B1	2.30	0.90
54	TB35B1-54H	1610	6.663	6.449	1 5/8	1	3 1/4	B1	2.60	0.90
60	TB35B1-60H	1610	7.380	7.165	1 5/8	1	3 1/4	B1	3.00	0.90
70	TB35B1-70	1610	8.575	8.358	1 5/8	1	3 1/4	B1	3.70	0.90
72	TB35B1-72	1610	8.814	8.597	1 5/8	1	3 1/4	B1	3.90	0.90
80	TB35B1-80	1610	9.770	9.552	1 5/8	1	3 1/4	B1	4.50	0.90
84	TB35B1-84	1610	10.247	10.029	1 5/8	1	3 1/4	B1	4.90	0.90
96	TB35B1-96	1610	11.680	11.461	1 5/8	1	3 1/4	B1	6.00	0.90
112	TB35B1-112	1610	13.590	13.371	1 5/8	1	3 1/4	B1	7.80	0.90

Taper Bore Sprockets

BTL



TYPE B2



35-2 FOR 3/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm_2		RIM ONLY	BUSH ONLY
19	TB35B2-19H	1008	2.472	2.278	1	7/8	1 53/64	B2	0.60	0.30
20	TB35B2-20H	1008	2.593	2.397	1	7/8	1 15/16	B2	0.80	0.30
21	TB35B2-21H	1008	2.713	2.516	1	7/8	2 1/16	B2	1.40	0.30
22	TB35B2-22H	1008	2.833	2.635	1	7/8	2 3/16	B2	1.70	0.30
24	TB35B2-24H	1210	3.074	2.873	1 1/4	1	2 7/16	B2	1.80	0.60
26	TB35B2-26H	1210	3.314	3.111	1 1/4	1	2 5/8	B2	2.00	0.60
30	TB35B2-30H	1610	3.793	3.588	1 5/8	1	3 1/8	B2	1.80	0.90
32	TB35B2-32H	1610	4.032	3.826	1 5/8	1	3 1/4	B2	2.00	0.90
35	TB35B2-35H	1610	4.392	4.183	1 5/8	1	3 1/4	B2	2.30	0.90
40	TB35B2-40H	1610	4.990	4.780	1 5/8	1	3 1/4	B2	2.90	0.90
45	TB35B2-45H	1610	5.588	5.376	1 5/8	1	3 1/4	B2	3.20	0.90
48	TB35B2-48H	1610	5.946	5.734	1 5/8	1	3 5/8	B2	3.50	0.90
54	TB35B2-54H	1610	6.663	6.449	1 5/8	1	3 5/8	B2	3.90	0.90
60	TB35B2-60H	1610	7.380	7.165	1 5/8	1	3 5/8	B2	4.90	0.90
70	TB35B2-70	1610	8.575	8.358	1 5/8	1	3 5/8	B2	6.30	0.90
80	TB35B2-80	1610	9.770	9.552	1 5/8	1	3 5/8	B2	7.90	0.90
96	TB35B2-96	1610	11.680	11.461	1 5/8	1	3 5/8	B2	9.90	0.90
112	TB35B2-112	1610	13.590	13.371	1 5/8	1	3 5/8	B2	10.90	0.90

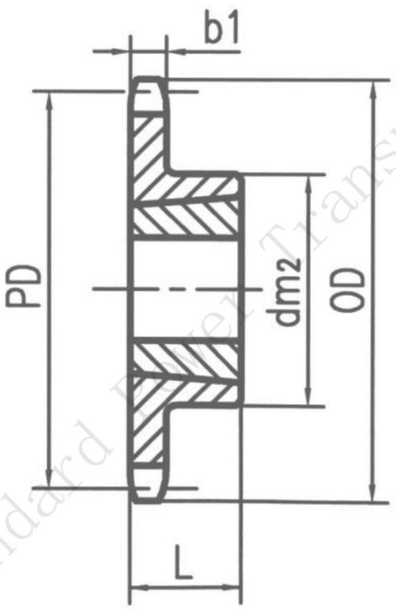
Bore Range

Bushings	Bore Range
1008	1/2-1"
1210	1/2-1 1/4
1610	1/2-1 5/8

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 5/16-1 3/8	5/16x5/32
5/8-7/8	3/16x3/32	1 7/16-1 3/4	3/8x3/16
1 5/16-1 1/4	1/4x1/8		

Taper Bore Sprockets BTL



TYPE B1

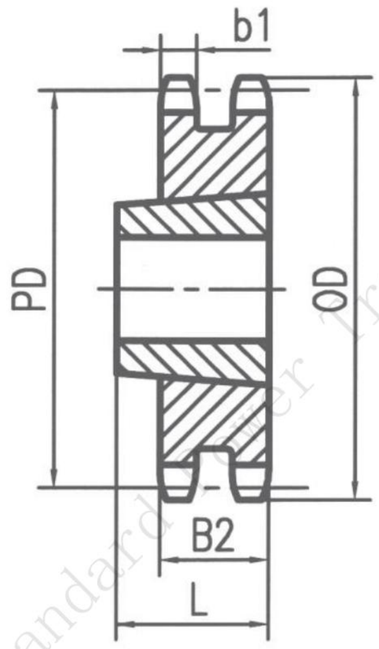


40-1 FOR 1/2" PITCH ANSI CHAIN

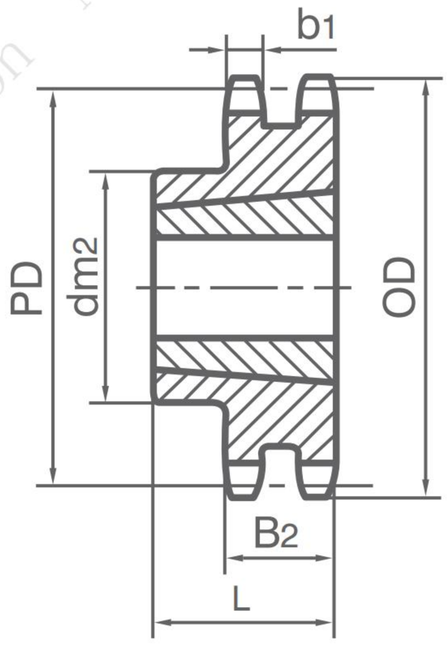
TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS OD	DIAMETERS PD	MAX. BORE	DIAMETERS L	DIAMETERS dm2	TYPE	WEIGHT(APP.) RIM ONLY	WEIGHT(APP.) BUSH ONLY
14	TB40B1-14H	1008	2.491	2.247	1	7/8	1 13/16	B1	0.30	0.30
15	TB40B1-15H	1008	2.652	2.405	1	7/8	1 13/16	B1	0.40	0.30
16	TB40B1-16H	1008	2.814	2.563	1	7/8	1 15/16	B1	0.50	0.30
17	TB40B1-17H	1210	2.975	2.721	1 1/4	1	2 3/8	B1	0.50	0.60
18	TB40B1-18H	1210	3.135	2.879	1 1/4	1	2 15/32	B1	0.60	0.60
19	TB40B1-19H	1210	3.296	3.038	1 1/4	1	2 15/32	B1	0.70	0.60
20	TB40B1-20H	1610	3.457	3.196	1 5/8	1	2 25/32	B1	0.70	0.90
21	TB40B1-21H	1610	3.617	3.355	1 5/8	1	2 25/32	B1	0.80	0.90
22	TB40B1-22H	1610	3.778	3.513	1 5/8	1	2 25/32	B1	0.90	0.90
23	TB40B1-23H	1610	3.938	3.672	1 5/8	1	3	B1	1.00	0.90
24	TB40B1-24H	1610	4.098	3.831	1 5/8	1	3 1/4	B1	1.40	0.90
25	TB40B1-25H	1610	4.258	3.989	1 5/8	1	3 1/4	B1	1.50	0.90
26	TB40B1-26H	1610	4.418	4.148	1 5/8	1	3 1/4	B1	1.70	0.90
28	TB40B1-28H	1610	4.738	4.466	1 5/8	1	3	B1	1.80	0.90
30	TB40B1-30H	1610	5.057	4.783	1 5/8	1	3	B1	1.90	0.90
32	TB40B1-32H	1610	5.377	5.101	1 5/8	1	3	B1	1.90	0.90
35	TB40B1-35H	1610	5.855	5.578	1 5/8	1	3	B1	2.30	0.90
36	TB40B1-36H	1610	6.015	5.737	1 5/8	1	3	B1	2.40	0.90
40	TB40B1-40H	1610	6.653	6.373	1 5/8	1	3	B1	2.80	0.90
42	TB40B1-42H	1610	6.972	6.691	1 5/8	1	3	B1	2.90	0.90
45	TB40B1-45H	1610	7.451	7.168	1 5/8	1	3	B1	3.50	0.90
48	TB40B1-48H	1610	7.928	7.645	1 5/8	1	3	B1	4.00	0.90
54	TB40B1-54	1610	8.885	8.599	1 5/8	1	3	B1	4.90	0.90
60	TB40B1-60	1610	9.841	9.554	1 5/8	1	3	B1	6.00	0.90
70	TB40B1-70	2012	11.434	11.145	2	1 1/4	3 9/16	B1	8.20	1.70
72	TB40B1-72	2012	11.752	11.463	2	1 1/4	3 9/16	B1	9.00	1.70
80	TB40B1-80	2012	13.026	12.736	2	1 1/4	3 9/16	B1	10.80	1.70
84	TB40B1-84	2012	13.663	13.372	2	1 1/4	3 9/16	B1	11.30	1.70
96	TB40B1-96	2012	15.573	15.282	2	1 1/4	3 9/16	B1	14.60	1.70
112	TB40B1-112	2517	18.122	17.828	2 1/2	1 3/4	4 1/4	B1	20.50	1.701

TBore Sprockets

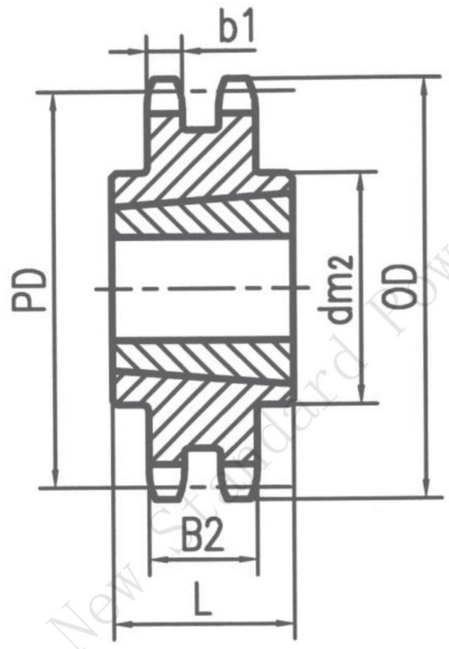
BTL



TYPE A2



TYPE B2



TYPE C2

40-2 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
15	TB40B2-15H	1008	2.652	2.405	1	7/8	—	A2	0.50	0.30
16	TB40B2-16H	1008	2.814	2.563	1	7/8	—	A2	0.60	0.30
17	TB40B2-17H	1008	2.975	2.721	1	7/8	—	A2	0.70	0.30
18	TB40B2-18H	1210	3.135	2.879	1 1/4	1	2 5/16	B2	0.70	0.60
19	TB40B2-19H	1210	3.296	3.038	1 1/4	1	2 1/2	B2	0.90	0.60
20	TB40B2-20H	1610	3.457	3.196	1 5/8	1	2 5/8	B2	0.90	0.90
21	TB40B2-21H	1610	3.617	3.355	1 5/8	1	2 3/4	B2	1.00	0.90
23	TB40B2-23H	1610	3.938	3.672	1 5/8	1	3	B2	1.30	0.90
25	TB40B2-25H	2012	4.258	3.989	2	1 1/4	3 13/32	B2	1.60	1.70
30	TB40B2-30H	2012	5.057	4.783	2	1 1/4	4 15/64	B2	3.40	1.70
36	TB40B2-36H	2012	6.015	5.737	2	1 1/4	5 5/32	B2	5.90	1.70
42	TB40C2-42H	2517	6.972	6.691	2 1/2	1 3/4	4 1/4	C2	7.00	3.50
48	TB40C2-48H	2517	7.928	7.645	2 1/2	1 3/4	4 1/4	C2	9.60	3.50
52	TB40C2-52	2517	8.566	8.281	2 1/2	1 3/4	4 1/4	C2	11.40	3.50
60	TB40C2-60	2517	9.841	9.554	2 1/2	1 3/4	4 1/4	C2	15.40	3.50
68	TB40C2-68	2517	11.115	10.826	2 1/2	1 3/4	4 1/4	C2	20.50	3.50
76	TB40C2-76	2517	12.389	12.099	2 1/2	1 3/4	4 1/4	C2	25.70	3.50
84	TB40C2-84	2517	13.663	13.372	2 1/2	1 3/4	4 1/4	C2	31.60	3.50
95	TB40C2-95	2517	15.414	15.122	2 1/2	1 3/4	4 1/4	C2	34.10	3.50
102	TB40C2-102	2517	16.529	16.236	2 1/2	1 3/4	4 1/4	C2	36.80	3.50

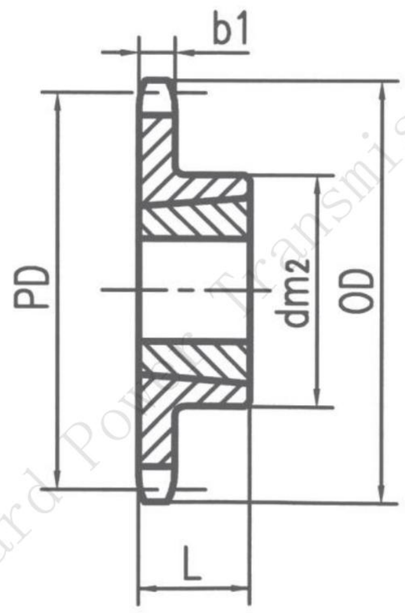
Bore Range

Bushings	Bore Range
1008	1/2-1"
1210 1215	1/2-1 1/4
1610	1/2-1 5/8
2012	1/2-2"
2517	1/2-2 1/2

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
1 5/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
1 5/16-1 3/8	5/16x5/32		

Taper Bore Sprockets BTL



TYPE B1

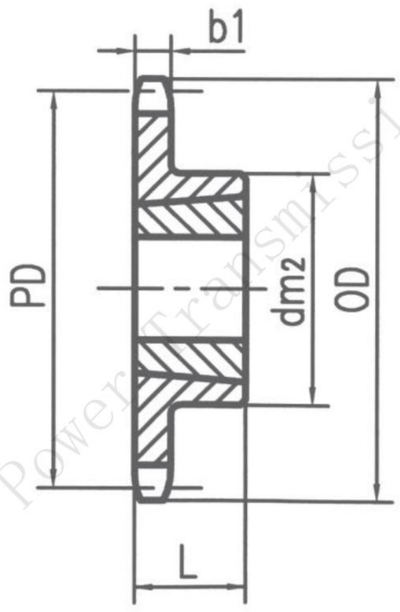


41-1 FOR 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
14	TB41B1-14	1008	2.49	2.249	1	7/8	1 7/8	B1	0.40	0.30
15	TB41B1-15	1008	2.65	2.405	1	7/8	1 7/8	B1	0.50	0.30
16	TB41B1-16	1008	2.81	2.503	1	7/8	2	B1	0.60	0.30
17	TB41B1-17	1210	2.98	2.721	1 1/4	1	2 3/8	B1	0.70	0.60
18	TB41B1-18	1210	3.14	2.879	1 1/4	1	2 3/8	B1	0.90	0.60
19	TB41B1-19	1210	3.30	3.038	1 1/4	1	2 1/2	B1	1.10	0.60
20	TB41B1-20	1610	3.46	3.196	1 5/8	1	2 7/8	B1	1.10	0.90
21	TB41B1-21	1610	3.62	3.355	1 5/8	1	3	B1	1.20	0.90
22	TB41B1-22	1610	3.78	3.573	1 5/8	1	3	B1	1.30	0.90
23	TB41B1-23	1610	3.94	3.672	1 5/8	1	3	B1	1.40	0.90
24	TB41B1-24	1610	4.10	3.831	1 5/8	1	3 1/4	B1	1.40	0.90
25	TB41B1-25	1610	4.26	3.989	1 5/8	1	3 1/4	B1	1.50	0.90
26	TB41B1-26	1610	4.42	4.148	1 5/8	1	3 1/4	B1	1.50	0.90
28	TB41B1-28	1610	4.74	4.466	1 5/8	1	3 1/4	B1	1.70	0.90
30	TB41B1-30	1610	5.06	4.783	1 5/8	1	3 1/4	B1	1.80	0.90
32	TB41B1-32	1610	5.38	5.101	1 5/8	1	3 1/4	B1	1.90	0.90
35	TB41B1-35	1610	5.86	5.578	1 5/8	1	3 1/4	B1	2.30	0.90
36	TB41B1-36	1610	6.02	5.737	1 5/8	1	3 1/4	B1	2.40	0.90
40	TB41B1-40	1610	6.65	6.373	1 5/8	1	3 1/4	B1	2.70	0.90
45	TB41B1-45	1610	7.45	7.168	1 5/8	1	3 1/4	B1	3.50	0.90
48	TB41B1-48	1610	7.93	7.645	1 5/8	1	3 1/4	B1	4.10	0.90
54	TB41B1-54	1610	8.89	8.599	1 5/8	1	3 1/4	B1	4.90	0.90
60	TB41B1-60	1610	9.84	9.554	1 5/8	1	3 1/4	B1	5.70	0.90
70	TB41B1-70	1610	11.43	11.145	1 5/8	1	3 1/4	B1	7.40	0.90
72	TB41B1-72	1610	11.75	11.463	1 5/8	1	3 1/4	B1	8.20	0.90
80	TB41B1-80	1610	13.03	12.736	1 5/8	1	3 1/4	B1	9.60	0.90
96	TB41B1-96	1610	15.57	15.281	1 5/8	1	3 1/4	B1	13.10	0.90

Taper Bore Sprockets

BTL



TYPE B1

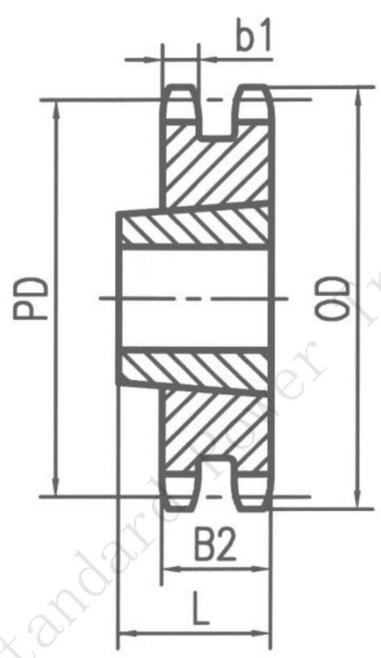


50-1 FOR 1/2" PITCH ANSI CHAIN

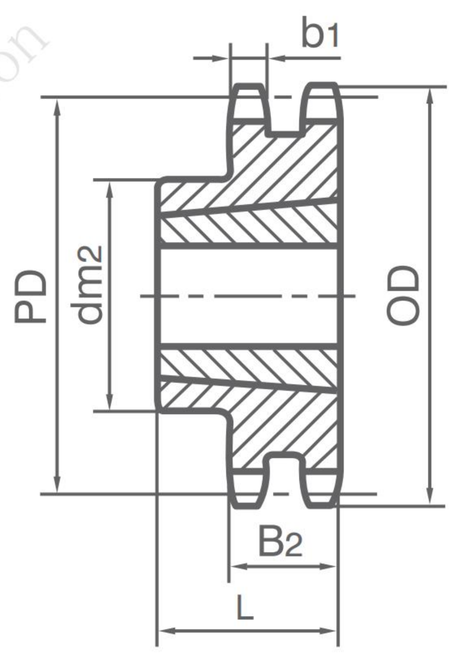
TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
12	TB50B1-12H	1008	2.708	2.415	1	7/8	1 15/16	B1	0.50	0.30
13	TB50B1-13H	1008	2.911	2.612	1	7/8	1 13/16	B1	0.50	0.30
14	TB50B1-14H	1008	3.113	2.809	1	7/8	1 15/16	B1	0.60	0.30
15	TB50B1-15H	1210	3.315	3.006	1 1/4	1	2 15/32	B1	0.70	0.60
16	TB50B1-16H	1610	3.517	3.204	1 5/8	1	2 25/32	B1	0.70	0.90
17	TB50B1-17H	1610	3.719	3.401	1 5/8	1	2 25/32	B1	0.80	0.90
18	TB50B1-18H	1610	3.920	3.599	1 5/8	1	2 25/32	B1	0.90	0.90
19	TB50B1-19H	1610	4.120	3.797	1 5/8	1	3	B1	1.30	0.90
20	TB50B1-20H	1610	4.321	3.995	1 5/8	1	3 1/4	B1	1.60	0.90
21	TB50B1-21H	1610	4.522	4.193	1 5/8	1	3	B1	1.50	0.90
22	TB50B1-22H	1610	4.722	4.392	1 5/8	1	3	B1	1.60	0.90
23	TB50B1-23H	2012	4.922	4.590	2	1 1/4	3 9/16	B1	2.00	1.70
24	TB50B1-24H	2012	5.122	4.788	2	1 1/4	3 9/16	B1	2.20	1.70
25	TB50B1-25H	2012	5.322	4.987	2	1 1/4	3 9/16	B1	2.40	1.70
26	TB50B1-26H	2012	5.522	5.185	2	1 1/4	3 9/16	B1	2.50	1.70
27	TB50b1-27H	2012	5.723	5.384	2	1 1/4	3 9/16	B1	2.60	1.70
28	TB50B1-28H	2012	5.922	5.582	2	1 1/4	3 9/16	B1	2.80	1.70
30	TB50B1-30H	2012	6.321	5.979	2	1 1/4	3 9/16	B1	3.20	1.70
32	TB50B1-32H	2012	6.721	6.376	2	1 1/4	3 9/16	B1	3.60	1.70
35	TB50B1-35H	2012	7.319	6.972	2	1 1/4	3 9/16	B1	4.20	1.70
36	TB50B1-36H	2012	7.519	7.171	2	1 1/4	3 9/16	B1	4.30	1.70
40	TB50B1-40H	2012	8.316	7.966	2	1 1/4	3 9/16	B1	5.20	1.70
42	TB50B1-42	2012	8.715	8.363	2	1 1/4	3 9/16	B1	5.90	1.70
45	TB50B1-45	2012	9.313	8.960	2	1 1/4	3 9/16	B1	6.50	1.70
48	TB50B1-48	2012	9.911	9.556	2	1 1/4	3 9/16	B1	7.30	1.70
54	TB50B1-54	2012	11.106	10.749	2	1 1/4	3 9/16	B1	9.00	1.70
60	TB50B1-60	2012	12.301	11.942	2	1 1/4	3 9/16	B1	10.80	1.70
70	TB50B1-70	2517	14.292	13.931	2 1/2	1 3/4	4 1/4	B1	14.00	3.50
72	TB50B1-72	2517	14.690	14.329	2 1/2	1 3/4	4 1/4	B1	15.50	3.50
80	TB50B1-80	2517	16.282	15.920	2 1/2	1 3/4	4 1/4	B1	19.50	3.50
84	TB50B1-84	2517	17.079	16.715	2 1/2	1 3/4	4 1/4	B1	22.50	3.50
96	TB50B1-96	2517	19.466	19.102	2 1/2	1 3/4	4 1/4	B1	29.00	3.50
112	TB50B1-112	2517	22.651	22.285	2 1/2	1 3/4	4 1/4	B1	38.70	3.50

Taper Bore Sprockets

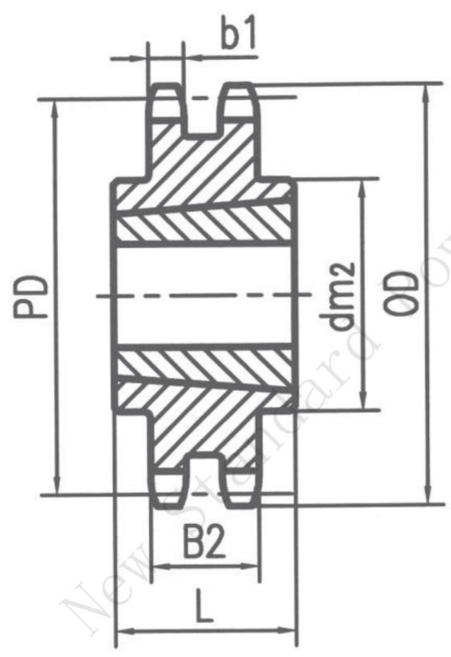
BTL



TYPE A_2



TYPE B_2



TYPE C_2

50-2 FOR 5/8" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm_2		RIM ONLY	BUSH ONLY
14	TB50B2-14H	1008	3.113	2.809	1	7/8	—	A_2	0.80	0.30
15	TB50B2-15H	1210	3.315	3.006	1 1/4	1	—	A_2	0.90	0.60
16	TB50B2-16H	1210	3.517	3.204	1 1/4	1	—	A_2	1.10	0.60
17	TB50B2-17H	1610	3.719	3.410	1 5/8	1	—	A_2	1.10	0.60
18	TB50B2-18H	1610	3.920	3.599	1 5/8	1	—	A_2	1.30	0.90
19	TB50B2-19H	1610	4.120	3.797	1 5/8	1	—	A_2	1.60	0.90
20	TB50B2-20H	2012	4.321	3.995	2	1 1/4	3 1/4	B_2	1.50	1.70
21	TB50B2-21H	2012	4.522	4.193	2	1 1/4	3 1/2	B_2	1.90	1.70
25	TB50B2-25H	2012	5.322	4.987	2	1 1/4	4 9/32	B_2	3.80	1.70
30	TB50B2-30H	2517	6.321	5.979	2 1/2	1 3/4	5 9/32	B_2	7.50	3.50
36	TB50C2-36H	2517	7.519	7.171	2 1/2	1 3/4	4 1/4	C_2	9.40	3.50
42	TB50C2-42	2517	8.715	8.363	2 1/2	1 3/4	4 1/4	C_2	13.40	3.50
48	TB50C2-48	2517	9.911	9.556	2 1/2	1 3/4	4 1/4	C_2	18.60	3.50
52	TB50C2-52	2517	10.707	10.351	2 1/2	1 3/4	4 3/8	C_2	22.20	3.50
60	TB50C2-60	2517	12.301	11.942	2 1/2	1 3/4	4 3/8	C_2	30.30	3.50
68	TB50C2-68	2517	13.893	13.533	2 1/2	1 3/4	4 3/8	C_2	39.40	3.50
76	TB50C2-76	2517	15.486	15.124	2 1/2	1 3/4	4 3/8	C_2	41.20	3.50
84	TB50C2-84	2517	17.079	16.715	2 1/2	1 3/4	4 3/8	C_2	45.30	3.50
95	TB50C2-95	2517	19.267	18.903	2 1/2	1 3/4	4 3/8	C_2	58.80	3.50
102	TB50C2-102	2517	20.661	20.295	2 1/2	1 3/4	4 3/8	C_2	67.10	3.50

Bore Range

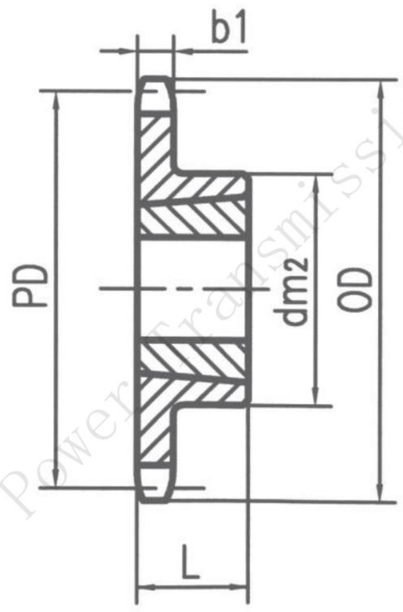
Bushings	Bore Range
1008	1/2-1"
1210 1215	1/2-1 1/4
1610	1/2-1 5/8
2012	1/2-2"
2517	1/2-2 1/2

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
1 5/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
1 5/16-1 3/8	5/16x5/32		

TBore Sprockets

BTL



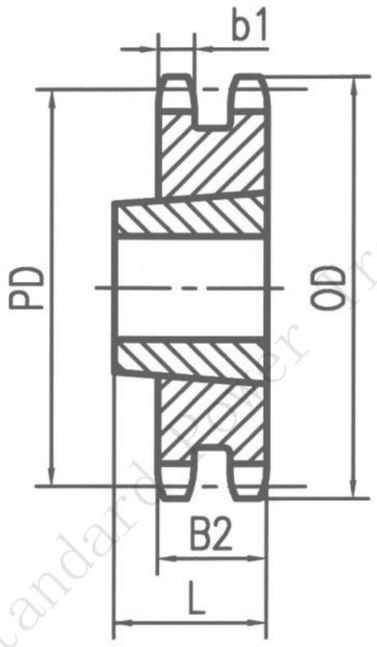
TYPE B1



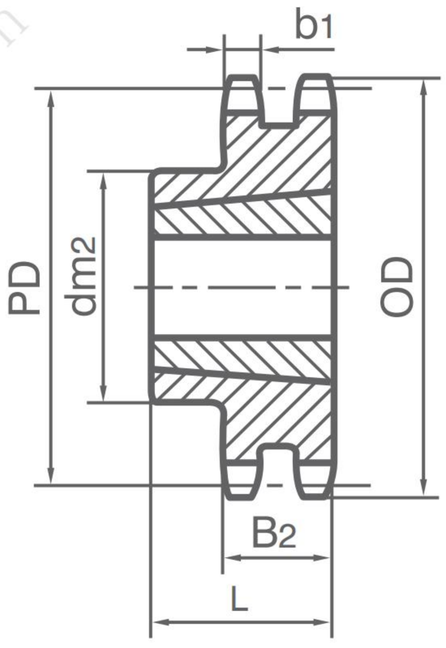
60-1 FOR 3/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
11	TB60B1-11H	1008	3.004	2.662	1	7/8	1 13/16	B1	0.60	0.30
12	TB60B1-12H	1008	3.249	2.898	1	7/8	1 15/16	B1	0.80	0.30
13	TB60B1-13H	1210	3.493	3.134	1 1/4	1	2 15/32	B1	0.80	0.60
14	TB60B1-14H	1210	3.736	3.371	1 1/4	1	2 15/32	B1	1.00	0.60
15	TB60B1-15H	1610	3.979	3.607	1 5/8	1	2 25/32	B1	1.00	0.90
16	TB60B1-16H	1610	4.221	3.844	1 5/8	1	3	B1	1.40	0.90
17	TB60B1-17H	1610	4.462	4.082	1 5/8	1	3 1/4	B1	1.80	0.90
18	TB60B1-18H	1610	4.704	4.319	1 5/8	1	3 1/4	B1	1.90	0.90
19	TB60B1-19H	1610	4.945	4.557	1 5/8	1	3 1/4	B1	2.20	0.90
20	TB60B1-20H	2012	5.185	4.794	2	1 1/4	3 9/16	B1	2.20	1.70
21	TB60B1-21H	2012	5.426	5.032	2	1 1/4	3 9/16	B1	2.50	1.70
22	TB60B1-22H	2012	5.666	5.270	2	1 1/4	3 9/16	B1	2.80	1.70
23	TB60B1-23H	2012	5.907	5.508	2	1 1/4	3 9/16	B1	3.10	1.70
24	TB60B1-24H	2012	6.147	5.746	2	1 1/4	3 9/16	B1	3.40	1.70
25	TB60B1-25H	2012	6.387	5.984	2	1 1/4	3 9/16	B1	3.70	1.70
26	TB60B1-26H	2012	6.627	6.222	2	1 1/4	3 9/16	B1	4.00	1.70
27	TB60B1-27H	2012	6.867	6.416	2	1 1/4	3 9/16	B1	4.20	1.70
28	TB60B1-28H	2012	7.107	6.699	2	1 1/4	3 9/16	B1	4.60	1.70
30	TB60B1-30H	2012	7.586	7.175	2	1 1/4	3 9/16	B1	5.20	1.70
32	TB60B1-32H	2012	8.065	7.652	2	1 1/4	3 9/16	B1	5.60	1.70
35	TB60B1-35H	2012	8.783	8.367	2	1 1/4	3 9/16	B1	6.40	1.70
36	TB60B1-36H	2012	9.022	8.605	2	1 1/4	3 9/16	B1	6.60	1.70
40	TB60B1-40	2012	9.980	9.559	2	1 1/4	3 9/16	B1	8.30	1.70
42	TB60B1-42	2012	10.458	10.036	2	1 1/4	3 9/16	B1	10.50	1.70
45	TB60B1-45	2012	11.175	10.752	2	1 1/4	3 9/16	B1	11.50	1.70
48	TB60B1-48	2012	11.893	11.467	2	1 1/4	3 9/16	B1	13.20	1.70
54	TB60B1-54	2517	13.327	12.899	2 1/2	1 3/4	4 1/4	B1	17.10	3.50
60	TB60B1-60	2517	14.761	14.330	2 1/2	1 3/4	4 1/4	B1	21.00	3.50
70	TB60B1-70	2517	17.150	16.717	2 1/2	1 3/4	4 1/4	B1	27.60	3.50
72	TB60B1-72	2517	17.628	17.194	2 1/2	1 3/4	4 1/4	B1	30.00	3.50
80	TB60B1-80	2517	19.539	19.103	2 1/2	1 3/4	4 1/4	B1	36.30	3.50
84	TB60B1-84	2517	20.494	20.058	2 1/2	1 3/4	4 1/4	B1	40.60	3.50

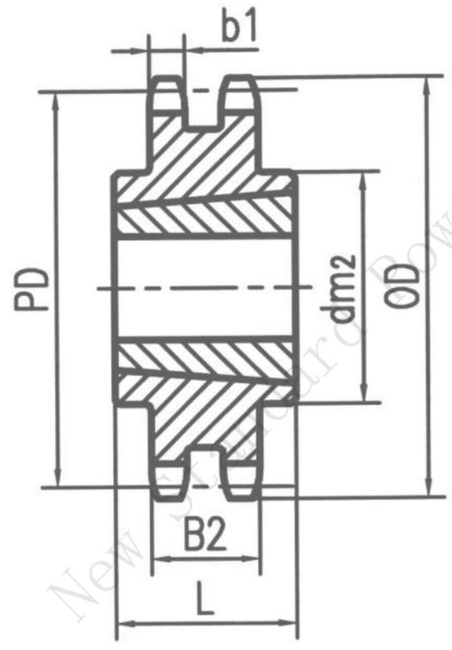
Taper Bore Sprockets BTL



TYPE A_2



TYPE B_2



TYPE C_2

60-2 FOR 3/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm_2		RIM ONLY	BUSH ONLY
13	TB60B2-13H	1215	3.493	3.134	1 1/4	1 1/2	2 1/4	B_2	1.20	0.80
14	TB60B2-14H	1215	3.736	3.371	1 1/4	1 1/2	2 1/2	B_2	1.60	0.80
15	TB60B2-15H	1615	3.979	3.607	1 5/8	1 1/2	2 13/16	B_2	1.30	1.20
16	TB60B2-16H	1615	4.221	3.844	1 5/8	1 1/2	3	B_2	2.20	1.20
17	TB60B2-17H	1615	4.462	4.082	1 5/8	1 1/2	3 1/4	B_2	2.50	1.20
18	TB60B2-18H	2012	4.704	4.319	2	1 1/4	—	A_2	3.00	1.70
19	TB60B2-19H	2012	4.945	4.557	2	1 1/4	—	A_2	3.50	1.70
20	TB60B2-20H	2517	5.185	4.794	2 1/2	1 3/4	3 61/64	B_2	4.00	3.50
21	TB60B2-21H	2517	5.426	5.032	2 1/2	1 3/4	4 3/16	B_2	5.00	3.50
25	TB60B2-25H	2517	6.387	5.984	2 1/2	1 3/4	5 5/32	B_2	7.50	3.50
30	TB60B2-30H	2517	7.586	7.175	2 1/2	1 3/4	6 11/32	B_2	13.50	3.50
36	TB60C2-36H	2517	9.022	8.605	2 1/2	1 3/4	4 1/4	C_2	17.50	3.50
42	TB60C2-42	2517	10.458	10.036	2 1/2	1 3/4	4 1/4	C_2	25.50	3.50
45	TB60C2-45	2517	11.176	10.752	2 1/2	1 3/4	4 1/4	C_2	29.50	3.50
52	TB60C2-52	2517	12.849	12.422	2 1/2	1 3/4	4 1/4	C_2	41.00	3.50
60	TB60C2-60	2517	14.761	14.330	2 1/2	1 3/4	4 1/4	C_2	32.50	3.50
68	TB60C2-68	2517	16.672	16.240	2 1/2	1 3/4	4 1/2	C_2	36.50	3.50
76	TB60C2-76	3020	18.583	18.149	3	2	5 1/4	C_2	42.50	6.50
95	TB60C2-95	3020	23.121	22.684	3	2	5 1/4	C_2	48.50	6.50

Bore Range

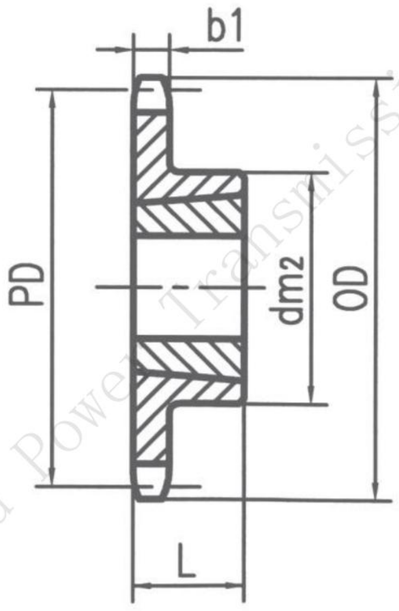
Bushings	Bore Range
1215	1/2-1 1/4
1615	1/2-1 5/8
2012	1/2-2"
2517	1/2-2 1/2
3020	7/8-3"

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	2 5/16-2 3/4	5/8x5/16
5/8-7/8	3/16x3/32	2 13/16-3 1/4	3/4x3/8
1 5/16-1 1/4	1/4x1/8		
1 5/16-1 3/8	5/16x5/32		
1 7/16-1 3/4	3/8x3/16		
1 13/16-2 1/4	1/2x1/4		

Taper Bore Sprockets

BTL



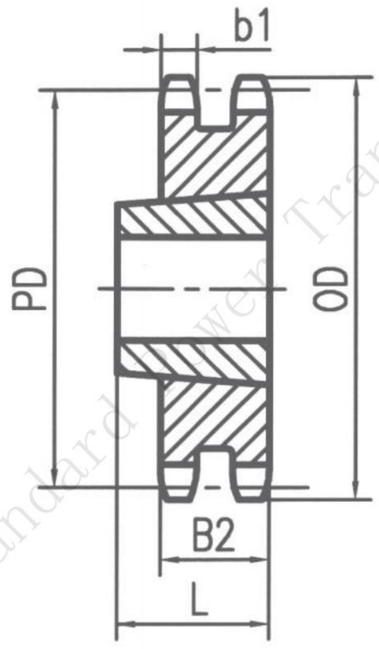
TYPE B1



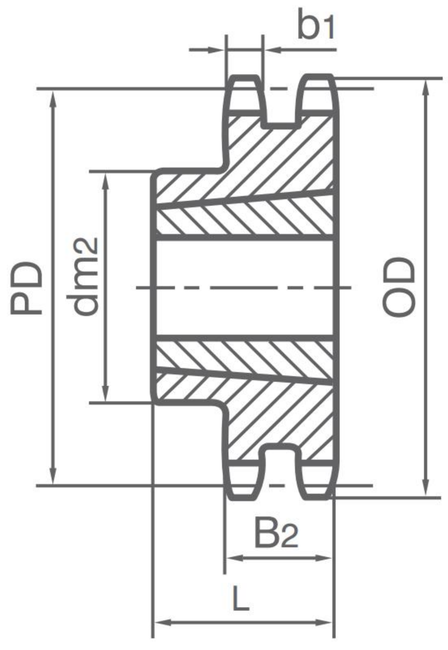
80-1 FOR 1" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm2		RIM ONLY	BUSH ONLY
10	TB80B1-10H	1215	3.678	3.236	1 1/4	1 1/2	2 3/8	B1	1.10	0.80
11	TB80B1-11H	1215	4.006	3.549	1 1/4	1 1/2	2 15/32	B1	1.50	0.80
12	TB80B1-12H	1615	4.332	3.864	1 5/8	1 1/2	3	B1	1.80	1.20
13	TB80B1-13H	1615	4.657	4.179	1 5/8	1 1/2	3	B1	2.30	1.20
14	TB80B1-14H	1615	4.982	4.494	1 5/8	1 1/2	3 1/4	B1	2.50	1.20
15	TB80B1-15H	1615	5.305	4.810	1 5/8	1 1/2	3 1/4	B1	2.70	1.20
16	TB80B1-16H	2012	5.627	5.126	2	1 1/4	3 9/16	B1	2.80	1.70
17	TB80B1-17H	2012	5.950	5.442	2	1 1/4	3 9/16	B1	3.10	1.70
18	TB80B1-18H	2012	6.271	5.759	2	1 1/4	3 9/16	B1	3.60	1.70
19	TB80B1-19H	2012	6.593	6.076	2	1 1/4	3 9/16	B1	4.10	1.70
20	TB80B1-20H	2517	6.914	6.392	2 1/2	1 3/4	4 1/4	B1	5.50	3.50
21	TB80B1-21H	2517	7.235	6.710	2 1/2	1 3/4	4 1/4	B1	6.00	3.50
22	TB80B1-22H	2517	7.555	7.027	2 1/2	1 3/4	4 1/4	B1	6.50	3.50
23	TB80B1-23H	2517	7.875	7.344	2 1/2	1 3/4	4 1/4	B1	7.00	3.50
24	TB80B1-24H	2517	8.196	7.661	2 1/2	1 3/4	4 1/4	B1	7.50	3.50
25	TB80B1-25H	2517	8.516	7.979	2 1/2	1 3/4	4 1/4	B1	8.10	3.50
26	TB80B1-26H	2517	8.836	8.296	2 1/2	1 3/4	4 1/4	B1	8.80	3.50
27	TB80B1-27H	2517	9.156	8.614	2 1/2	1 3/4	4 1/4	B1	9.00	3.50
28	TB80B1-28H	2517	9.475	8.931	2 1/2	1 3/4	4 1/4	B1	9.50	3.50
30	TB80B1-30H	2517	10.114	9.567	2 1/2	1 3/4	4 1/4	B1	11.50	3.50
32	TB80B1-32H	2517	10.753	10.202	2 1/2	1 3/4	4 1/4	B1	12.00	3.50
35	TB80B1-35H	2517	11.711	11.156	2 1/2	1 3/4	4 1/4	B1	15.20	3.50
36	TB80B1-36H	2517	12.030	11.474	2 1/2	1 3/4	4 1/4	B1	17.00	3.50
40	TB80B1-40	2517	13.306	12.746	2 1/2	1 3/4	4 1/4	B1	21.00	3.50
45	TB80B1-45	2517	14.901	14.336	2 1/2	1 3/4	4 1/4	B1	26.50	3.50
48	TB80B1-48	2517	15.857	15.290	2 1/2	1 3/4	4 1/4	B1	29.50	3.50
54	TB80B1-54	2517	17.769	17.198	2 1/2	1 3/4	4 1/4	B1	38.50	3.50
60	TB80B1-60	2517	19.681	19.107	2 1/2	1 3/4	4 1/4	B1	45.00	3.50
70	TB80B1-70	3020	22.867	22.289	3	2	5 1/4	B1	52.30	6.50
80	TB80B1-80	3020	26.052	25.471	3	2	5 1/4	B1	69.20	6.50

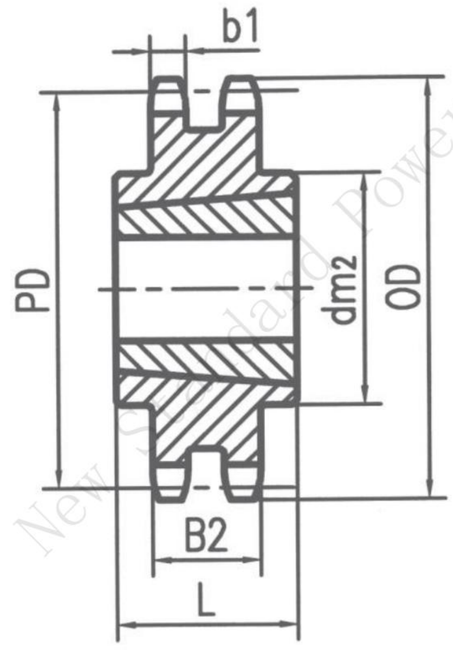
TB Taper Bore Sprockets BTL



TYPE A_2



TYPE B_2



TYPE C_2

80-2 FOR 1" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			OD	PD		L	dm_2		RIM ONLY	BUSH ONLY
13	TB80B2-13H	1615	4.657	4.179	1 5/8	1 1/2	—	A_2	3.40	1.20
14	TB80B2-14H	2012	4.982	4.494	2	1 1/4	—	A_2	3.50	1.70
15	TB80B2-15H	2012	5.305	4.810	2	1 1/4	—	A_2	4.30	1.70
16	TB80B2-16H	2517	5.627	5.126	2 1/2	1 3/4	3 1/8	A_2	3.80	3.50
17	TB80B2-17H	2517	5.950	5.442	2 1/2	1 3/4	3 1/8	A_2	5.10	3.50
18	TB80B2-18H	2517	6.271	5.759	2 1/2	1 3/4	3 1/8	A_2	6.40	3.50
19	TB80B2-19H	3020	6.593	6.076	3	2	5	B_2	6.60	6.50
20	TB80B2-20H	3020	6.914	6.392	3	2	5 1/4	B_2	7.10	6.50
21	TB80B2-21H	3020	7.235	6.710	3	2	5 9/16	B_2	8.90	6.50
25	TB80B2-25H	3020	8.516	7.979	3	2	6 7/8	B_2	16.50	6.50
30	TB80C2-30H	3020	10.114	9.567	3	2	5 1/4	C_2	25.10	6.50
36	TB80C2-36H	3020	12.030	11.474	3	2	5 1/4	C_2	39.40	6.50
42	TB80C2-42	3020	13.944	13.392	3	2	5 1/4	C_2	41.40	6.50
45	TB80C2-45	3020	14.901	14.336	3	2	5 1/4	C_2	56.20	6.50
52	TB80C2-52	3020	17.132	16.562	3	2	5 1/4	C_2	66.30	6.50
60	TB80C2-60	3020	19.681	19.107	3	2	5 1/4	C_2	72.00	6.50
68	TB80C2-68	3020	22.230	21.653	3	2	5 1/4	C_2	89.10	6.50
76	TB80C2-76	3020	24.778	24.198	3	2	5 1/4	C_2	112.00	6.50
95	TB80C2-95	3020	30.828	30.245	3	2	5 1/4	C_2	125.00	6.50

Bore Range

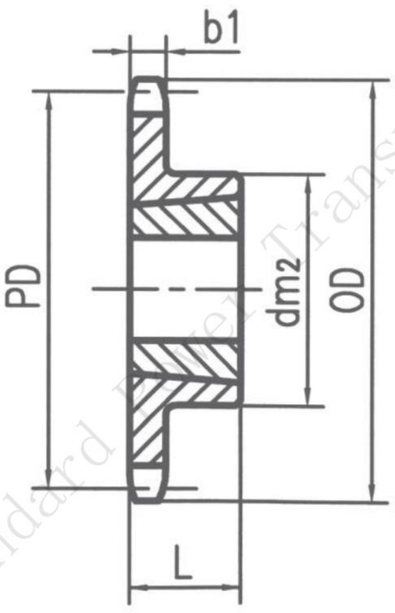
Bushings	Bore Range
1615	1/2-1 5/8
2012	1/2-2"
2517	1/2-2 1/2
3020	7/8-3"

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	2 5/16-2 3/4	5/8x5/16
5/8-7/8	3/16x3/32	2 13/16-3 1/4	3/4x3/8
1 5/16-1 1/4	1/4x1/8		
1 5/16-1 3/8	5/16x5/32		
1 7/16-1 3/4	3/8x3/16		
1 13/16-2 1/4	1/2x1/4		

Taper Bore Sprockets

BTL



TYPE B1



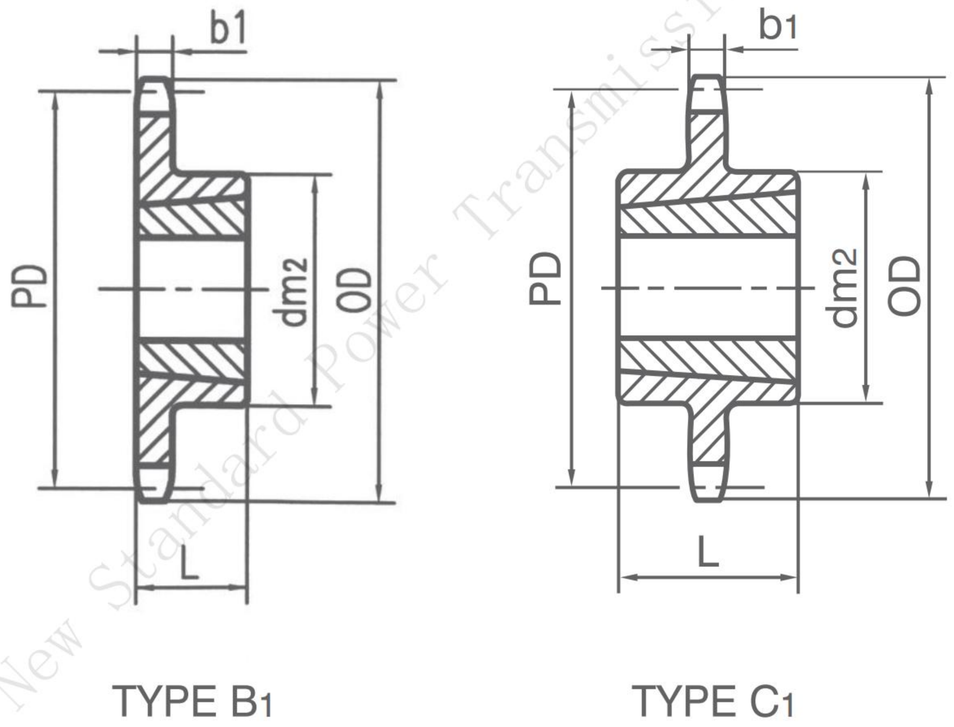
100-1 FOR 1 1/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			O.D	P.D		L	dm2		RIM ONLY	BUSH ONLY
11	TB100B1-11H	1615	5.007	4.437	1 5/8	1 1/2	3	B	2.70	1.20
12	TB100B1-12H	1615	5.415	4.830	1 5/8	1 1/2	3 1/4	B	3.50	1.20
13	TB100B1-13H	2012	5.821	5.223	2	1 1/4	3 9/16	B	3.60	1.70
14	TB100B1-14H	2012	6.227	5.617	2	1 1/4	3 9/16	B	3.90	1.70
15	TB100B1-15H	2517	6.631	6.012	2 1/2	1 3/4	4 1/4	B	5.00	3.50
16	TB100B1-16H	2517	7.034	6.407	2 1/2	1 3/4	4 1/2	B	6.40	3.50
17	TB100B1-17H	2517	7.437	6.803	2 1/2	1 3/4	4 1/2	B	7.10	3.50
18	TB100B1-18H	2517	7.839	7.198	2 1/2	1 3/4	4 1/2	B	7.80	3.50
19	TB100B1-19H	2517	8.241	7.594	2 1/2	1 3/4	4 1/2	B	8.70	3.50
20	TB100B1-20H	2517	8.642	7.991	2 1/2	1 3/4	4 1/2	B	9.60	3.50
21	TB100B1-21H	2517	9.043	8.387	2 1/2	1 3/4	4 1/2	B	10.60	3.50
22	TB100B1-22H	2517	9.444	8.783	2 1/2	1 3/4	4 1/2	B	11.00	3.50
24	TB100B1-24H	2517	10.245	9.577	2 1/2	1 3/4	4 1/2	B	13.00	3.50
26	TB100B1-26H	2517	11.045	10.370	2 1/2	1 3/4	4 1/2	B	15.00	3.50
28	TB100B1-28H	3020	11.844	11.164	3	2	5 1/4	B	16.50	6.50
30	TB100B1-30H	3020	12.643	11.958	3	2	5 1/4	B	22.00	6.50
32	TB100B1-32	3020	13.442	12.753	3	2	5 1/4	B	23.00	6.50
35	TB100B1-35	3020	14.639	13.945	3	2	5 1/4	B	28.00	6.50
36	TB100B1-36	3020	15.038	14.342	3	2	5 1/4	B	31.00	6.50
40	TB100B1-40	3020	16.633	15.932	3	2	5 1/4	B	37.00	6.50
45	TB100B1-45	3020	18.626	17.919	3	2	5 1/4	B	46.00	6.50
48	TB100B1-48	3020	19.821	19.112	3	2	5 1/4	B	53.00	6.50
54	TB100B1-54	3020	22.212	21.498	3	2	5 1/4	B	62.00	6.50
60	TB100B1-60	3020	24.601	23.884	3	2	5 1/4	B	72.00	6.50

New Standard Power Transmission

Taper Bore Sprockets BTL





TYPE B_1 TYPE C_1

120-1 FOR 1 1/2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			O.D	P.D		L	dm_2		RIM ONLY	BUSH ONLY
12	TB120B1-12H	2012	6.498	5.796	2	1 1/4	3 9/16	B_1	5.50	1.70
13	TB120B1-13H	2517	6.896	6.268	2 1/2	1 3/4	4 1/4	B_1	6.00	3.50
14	TB120B1-14H	2517	7.472	6.741	2 1/2	1 3/4	4 1/4	B_1	7.00	3.50
15	TB120B1-15H	2517	7.957	7.215	2 1/2	1 3/4	4 1/4	B_1	8.00	3.50
16	TB120B1-16H	3020	8.441	7.689	3	2	5 1/4	B_1	10.00	6.50
17	TB120B1-17H	3020	8.924	8.163	3	2	5 1/4	B_1	11.00	6.50
18	TB120B1-18H	3020	9.407	8.638	3	2	5 1/4	B_1	12.00	6.50
19	TB120B1-19H	3020	9.889	9.113	3	2	5 1/4	B_1	14.00	6.50
20	TB120B1-20H	3020	10.371	9.588	3	2	5 1/4	B_1	15.50	6.50
21	TB120B1-21H	3020	10.851	10.064	3	2	5 1/4	B_1	17.50	6.50
24	TB120B1-24H	3020	12.294	11.492	3	2	5 1/4	B_1	23.50	6.50
26	TB120B1-26H	3020	13.254	12.444	3	2	5 1/4	B_1	28.50	6.50
30	TB120B1-30H	3020	15.171	14.351	3	2	5 1/4	B_1	33.50	6.50
35	TB120C1-35	3020	17.566	16.734	3	2	5 1/4	C_1	52.00	6.50
45	TB120C1-45	3030	22.351	21.503	3	3	5 7/8	C_1	82.00	6.50
60	TB120C1-60	3535	29.522	28.661	3 1/2	3 1/2	6 1/2	C_1	140.00	14.00
70	TB120C1-70	3535	34.301	33.434	3 1/2	3 1/2	6 1/2	C_1	175.00	14.00
80	TB120C1-80	3535	39.078	38.207	3 1/2	3 1/2	6 1/2	C_1	220.00	14.00

Bore Range

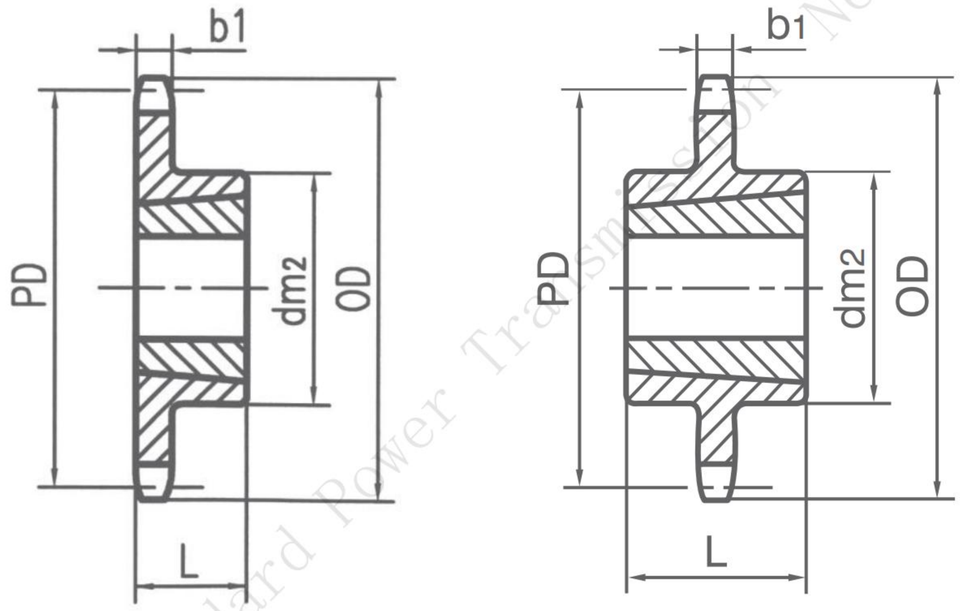
Bushings	Bore Range
2012	1/2-2"
2517	1/2-2 1/2
3020 3030	7/8-3"
3535	1 3/16-3 1/2

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	2 5/16-2 3/4	5/8x5/16
5/8-7/8	3/16x3/32	2 13/16-3 1/4	3/4x3/8
1 5/16-1 1/4	1/4x1/8	3 5/16-3 3/4	7/8x7/16
1 5/16-1 3/8	5/16x5/32		
1 7/16-1 3/4	3/8x3/16		
1 13/16-2 1/4	1/2x1/4		

Taper Bore Sprockets

BTL



TYPE B_1

TYPE C_1



140-1 FOR 1 3/4" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			O.D.	P.D.		L	dm_2		RIM ONLY	BUSH ONLY
12	TB140B1-12H	2517	7.581	6.762	$2\frac{1}{2}$	$1\frac{3}{4}$	$4\frac{1}{4}$	B_1	7.00	3.50
13	TB140B1-13H	3020	8.150	7.313	3	2	$5\frac{1}{4}$	B_1	8.00	6.50
14	TB140B1-14H	3020	8.718	7.864	3	2	$5\frac{1}{4}$	B_1	10.00	6.50
15	TB140B1-15H	3020	9.283	8.417	3	2	$5\frac{1}{4}$	B_1	12.00	6.50
16	TB140B1-16H	3020	9.848	8.970	3	2	$5\frac{1}{4}$	B_1	14.00	6.50
17	TB140B1-17H	3020	10.411	9.524	3	2	$5\frac{1}{4}$	B_1	16.00	6.50
18	TB140B1-18H	3020	10.975	10.078	3	2	$5\frac{1}{4}$	B_1	18.00	6.50
19	TB140B1-19H	3020	11.537	10.632	3	2	$5\frac{1}{4}$	B_1	20.00	6.50
21	TB140B1-21H	3020	12.660	11.742	3	2	$5\frac{1}{4}$	B_1	24.00	6.50
26	TB140B1-26	3020	15.463	14.518	3	2	$5\frac{1}{4}$	B_1	40.00	6.50
35	TB140C1-35	3535	20.494	19.523	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	C_1	78.00	14.0
45	TB140C1-45	4040	26.076	25.087	4	4	$7\frac{3}{4}$	C_1	118.00	22.0
60	TB140C1-60	4040	34.442	33.438	4	4	$7\frac{3}{4}$	C_1	188.0	22.0
70	TB140C1-70	4040	40.017	39.006	4	4	$7\frac{3}{4}$	C_1	241.00	22.0

160-1 FOR 2" PITCH ANSI CHAIN

TEETH NO.	CATALOG NO.	BUSHING NO.	DIAMETERS		MAX. BORE	DIAMETERS		TYPE	WEIGHT(APP.)	
			O.D.	P.D.		L	dm_2		RIM ONLY	BUSH ONLY
11	TB160B1-11H	2517	8.011	7.099	$2\frac{1}{2}$	$1\frac{3}{4}$	$4\frac{1}{4}$	B_1	9.00	3.50
12	TB160B1-12H	3020	8.664	7.727	3	2	$5\frac{1}{4}$	B_1	11.00	6.50
13	TB160B1-13H	3020	9.314	8.357	3	2	$5\frac{1}{4}$	B_1	13.00	6.50
14	TB160B1-14H	3020	9.963	8.988	3	2	$5\frac{1}{4}$	B_1	16.00	6.50
15	TB160B1-15H	3535	10.609	9.620	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	25.00	14.00
16	TB160B1-16H	3535	11.255	10.252	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	28.00	14.00
17	TB160B1-17H	3535	11.899	10.885	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	32.00	14.00
18	TB160B1-18H	3535	12.543	11.518	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	35.00	14.00
19	TB160B1-19H	3535	13.185	12.151	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	39.00	14.00
21	TB160B1-21H	3535	14.470	13.419	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	48.00	14.00
26	TB160B1-26	3535	17.671	16.593	$3\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	B_1	38.00	14.00
35	TB160C1-35	4040	23.422	22.312	4	4	$7\frac{3}{4}$	C_1	118.00	22.00
45	TB160C1-45	4040	29.802	28.671	4	4	$7\frac{3}{4}$	C_1	186.00	22.00
60	TB160C1-60	4545	39.362	38.215	$4\frac{1}{2}$	$4\frac{1}{2}$	$8\frac{3}{4}$	C_1	292.00	30.00