

Double Pitch Sprockets

▲ Has recessed groove in hub for chain clearance

† Dimensions shown allow for standard keyway with set screw at 90°

Sprockets supplied without keyway and setscrews unless specifically requested.

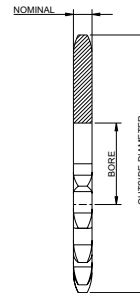
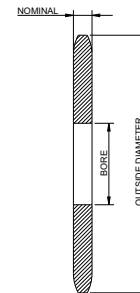
Pitch	Inner width	Roller- ø	ASME / ANSI Size
inch	inch	inch	inch
1 1/4"	3/8"	.400"	A2050
1 1/4"	3/8"	.400"	C2050
1 1/4"	3/8"	.750"	C2052



Conveyor or Drive Series — Standard Roller Double Pitch
Sprocket for C2050/A2050 Chain — 1 1/4" Pitch

Basic Sprocket Dimensions			Single — Type A			Single — Type B					
No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Plain Bore	Wt. Lbs.	Catalog Number	Plain Bore	†Max. Bore	Hub Dia.	LTB	Wt. Lbs.
11	2.500	2.315				2050B11	5/8	13/16	▲ 1 3/4	1	.62
12	2.710	2.500				2050B12	5/8	1	1 63/64	1	.80
13	2.910	2.690				2050B13	5/8	1 7/32	1 23/32	1	.82
14	3.110	2.881				2050B14	5/8	1 9/32	1 15/16	1	1.00
15	3.320	3.043				2050B15	5/8	1 13/32	2 5/32	1	1.22
16	3.520	3.266				2050B16	5/8	1 19/32	2 23/64	1	1.44
17	3.720	3.460				2050B17	5/8	1 3/4	2 9/16	1	1.68
18	3.920	3.655				2050B18	5/8	1 25/32	2 25/32	1	1.94
19	4.120	3.850				2050B19	5/8	1 31/32	2 63/64	1	2.24
20	4.320	4.045				2050B20	3/4	2	3	1	2.30
21	4.520	4.241				2050B21	3/4	2	3	1	2.40
22	4.720	4.437				2050B22	3/4	2	3	1	2.54
23	4.920	4.633				2050B23	3/4	2	3	1	2.66
24	5.120	4.830	2050A24	23/32	1.58	2050B24	3/4	2	3	1 1/4	3.30
25	5.320	5.026	2050A25	23/32	1.68	2050B25	3/4	2	3	1 1/4	3.42
26	5.520	5.223	2050A26	23/32	1.88	2050B26	3/4	2	3	1 1/4	3.62
28	5.920	5.617	2050A28	23/32	2.22	2050B28	3/4	2	3	1 1/4	3.78
30	6.320	6.012	2050A30	23/32	2.54	2050B30	3/4	2 1/4	3 1/4	1 1/4	4.58

TYPE A



Conveyor Series — Large Roller Double Pitch Sprocket
for C2052 Chain — 1 1/4" Pitch

Basic Sprocket Dimensions			Single — Type A			Single — Type B					
No. Teeth	Outside Diameter	Pitch Diameter	Catalog Number	Plain Bore	Wt. Lbs.	Catalog Number	Plain Bore	†Max. Bore	Hub Dia.	LTB	Wt. Lbs.
8	3.770	3.266				2052B8	5/8	1 19/32	2 23/64	1	1.38
9	4.190	3.655				2052B9	5/8	1 25/32	2 25/32	1	1.92
10	4.600	4.045				2052B10	5/8	2	3	1	2.30
11	5.010	4.437				2052B11	5/8	2	3	1	2.54
12	5.420	4.830	2052A12	23/32	1.60	2052B12	3/4	2	3	1 1/4	3.20
13	5.820	5.223	2052A13	23/32	1.80	2052B13	3/4	2	3	1 1/4	3.48
14	6.230	5.617	2052A14	23/32	2.30	2052B14	3/4	2	3	1 1/4	3.88
15	6.630	6.012	2052A15	23/32	2.40	2052B15	3/4	2 1/4	3 1/4	1 1/4	4.46
16	7.030	6.407	2052A16	23/32	2.80	2052B16	3/4	2 1/4	3 1/4	1 1/4	4.80
17	7.440	6.803	2052A17	23/32	3.30	2052B17	3/4	2 1/4	3 1/4	1 1/4	5.34
18	7.840	7.198	2052A18	23/32	3.60	2052B18	3/4	2 1/4	3 1/4	1 1/4	5.64
19	8.240	7.595	2052A19	23/32	4.10	2052B19	3/4	2 1/4	3 1/4	1 1/4	6.04
20	8.640	7.991	2052A20	23/32	4.70	2052B20	3/4	2 1/4	3 1/4	1 1/4	6.48
21	9.040	8.387	2052A21	23/32	5.00	2052B21	3/4	2 1/4	3 1/4	1 1/4	7.00
22	9.440	8.783	2052A22	23/32	5.20	2052B22	3/4	2 1/4	3 1/4	1 1/4	7.30
23	9.850	9.180	2052A23	15/16	5.80	2052B23	1	2 3/4	3 3/4	1 1/4	8.66
24	10.250	9.577	2052A24	15/16	6.70	2052B24	15/16	2 3/4	3 3/4	1 1/4	9.32

Some sizes are Made-To-Order, consult iwis for availability.

TYPE B

