

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.

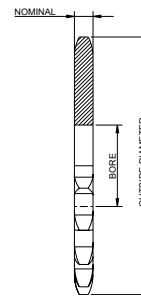
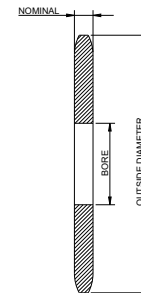
Pitch	Inner width	Roller- ø	ASME / ANSI Size
inch	inch	inch	inch
2"	5/8"	.625"	A2080
2"	5/8"	.625"	C2080
2"	5/8"	1.125"	C2082



Conveyor or Drive Series — Standard Roller Double Pitch Sprocket
for C2080/A2080 Chain — 2" 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	4.010	3.694				2080B11	1	1 1/2	▲ 2 13/16	1 5/8	2.50
12	4.330	4.000				2080B12	1	1 11/16	3 1/8	1 5/8	3.20
13	4.660	4.304				2080B13	1	1 25/32	2 25/32	1 1/2	3.30
14	4.980	4.610				2080B14	1	2 1/8	3 1/8	1 1/2	4.00
15	5.300	4.917				2080B15	1	2 9/32	3 29/64	1 1/2	4.80
16	5.630	5.226				2080B16	1	2 17/32	3 51/64	1 1/2	5.70
17	5.950	5.536	2080A17	15/16	3.40	2080B17	1	2 3/4	4	1 1/2	6.40
18	6.270	5.848	2080A18	15/16	3.80	2080B18	1	2 3/4	4 1/4	1 1/2	7.40
19	6.590	6.160	2080A19	15/16	4.30	2080B19	1	2 3/4	4 1/4	1 1/2	7.70
20	6.910	6.472	2080A20	15/16	4.80	2080B20	1	2 3/4	4 1/4	1 1/2	8.30
21	7.230	6.785	2080A21	15/16	5.30	2080B21	1	2 3/4	4 1/4	1 3/4	9.40
22	7.560	7.099	2080A22	15/16	5.80	2080B22	1	2 3/4	4 1/4	1 3/4	10.00
23	7.880	7.413	2080A23	15/16	6.40	2080B23	1	2 3/4	4 1/4	1 3/4	10.50
24	8.200	7.727	2080A24	15/16	7.10	2080B24	1	2 3/4	4 1/4	1 3/4	11.10
25	8.520	8.042	2080A25	15/16	7.50	2080B25	1	2 3/4	4 1/4	1 3/4	12.00
26	8.840	8.357	2080A26	1 3/16	8.30	2080B26	1 1/4	3 1/4	4 3/4	2	14.80
28	9.480	8.988	2080A28	1 3/16	9.20	2080B28	1 3/16	3 1/4	4 3/4	2	16.60
30	10.110	9.620	2080A30	1 3/16	10.70	2080B30	1 3/16	3 1/4	4 3/4	2	17.80

TYPE A



Conveyor Series — Large Roller Double Pitch Sprocket
for C2082 Chain — 2" 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	6.030	5.226				2082B8	1	2 27/32	3 51/64	1 3/4	6.40
9	6.700	5.848				2082B9	1	2 3/4	4 1/4	1 3/4	8.20
10	7.360	6.472				2082B10	1	2 3/4	4 1/4	1 3/4	9.20
11	8.010	7.099	2082A11	15/16	5.70	2082B11	1	2 3/4	4 1/4	1 3/4	10.10
12	8.660	7.727	2082A12	15/16	6.80	2082B12	1	2 3/4	4 1/4	1 3/4	11.20
13	9.310	8.357	2082A13	1 3/16	7.70	2082B13	1 1/4	3 1/4	4 3/4	2	15.00
14	9.960	8.988	2082A14	1 3/16	9.10	2082B14	1 1/4	3 1/4	4 3/4	2	15.80
15	10.610	9.620	2082A15	1 3/16	10.70	2082B15	1 3/16	3 1/4	4 3/4	2	17.80
16	11.250	10.252	2082A16	1 3/16	12.40	2082B16	1 3/16	3 1/4	4 3/4	2	19.30
17	11.900	10.885	2082A17	1 3/16	14.10	2082B17	1 3/16	3 1/4	4 3/4	2	21.40
18	12.540	11.518	2082A18	1 3/16	15.40	2082B18	1 3/16	3 1/4	4 3/4	2	22.90
19	13.190	12.151	2082A19	1 3/16	18.00	2082B19	1 3/16	3 1/4	4 3/4	2	24.40
20	13.830	12.785	2082A20	1 3/16	19.20	2082B20	1 3/16	3 1/4	4 3/4	2	26.70
21	14.470	13.419	2082A21	1 1/4	20.80	2082B21	1 1/4	3 1/4	4 3/4	2	28.40
22	15.110	14.053	2082A22	1 1/4	23.70	2082B22	1 1/4	3 1/4	4 3/4	2	39.60
23	15.750	14.688	2082A23	1 1/4	24.90	2082B23	1 1/4	3 1/4	4 3/4	2	32.20
24	16.390	15.323	2082A24	1 1/4	27.60	2082B24	1 1/4	3 1/4	4 3/4	2	34.90

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

TYPE B

