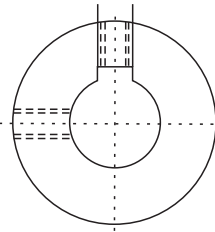
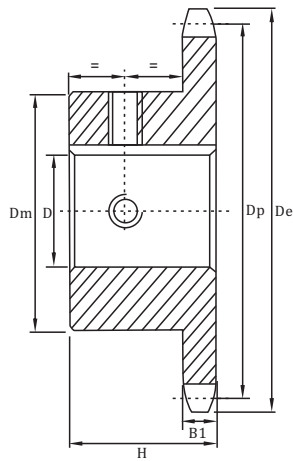


Finished Bore Sprockets American Standard Series

No.35

◇ Pitch 3/8" ◇ Roller Φ 0.200" ◇ Tooth width B1 0.168"



TYPE BS

Single-Type BS-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	35BS9	1.260	3/4	.10	★ 3/8
10	35BS10	1.380	3/4	.11	★ 3/8 - ★ 1/2 - t 5/8
11	35BS11	1.500	3/4	.15	★ 3/8 - ★ 1/2 - t 5/8 - t 3/4
12	35BS12	1.630	3/4	.18	- ★ 1/2 - 5/8 - t 3/4
13	35BS13	1.750	3/4	.20	- ★ 1/2 - 5/8 - 3/4
14	35BS14	1.870	3/4	.22	- ★ 1/2 - 5/8 - 3/4
15	35BS15	1.990	3/4	.24	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
16	35BS16	2.110	3/4	.29	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
17	35BS17	2.230	3/4	.36	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
18	35BS18	2.350	3/4	.39	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
19	35BS19	2.470	3/4	.44	- ★ 1/2 - 5/8 - 3/4 - - 1
20	35BS20	2.590	3/4	.51	- ★ 1/2 - 5/8 - 3/4 - - 1
21	35BS21	2.710	7/8	.75	- ★ 1/2 - 5/8 - 3/4 - - 1
22	35BS22	2.830	7/8	.78	- ★ 1/2 - 5/8 - 3/4 - - 1
23	35BS23	2.950	7/8	.78	- ★ 1/2 - 5/8 - 3/4 - - 1
24	35BS24	3.070	7/8	.79	- ★ 1/2 - 5/8 - 3/4 - - 1
25	35BS25	3.190	7/8	.80	- ★ 1/2 - 5/8 - 3/4 - - 1
26	35BS26	3.310	7/8	.84	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
27	35BS27	3.430	7/8	.88	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
28	35BS28	3.550	7/8	.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
30	35BS30	3.790	7/8	.96	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
32	35BS32	4.030	7/8	1.14	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
35	35BS35	4.390	1	1.38	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
36	35BS36	4.510	1	1.41	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
40	35BS40	4.990	1	1.56	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
42	35BS42	5.230	1	1.64	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
45	35BS45	5.590	1	1.74	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
48	35BS48	5.950	1	1.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
54	35BS54	6.660	1	1.98	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
60	35BS60	7.380	1	2.34	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
70	35BS70	8.580	1	3.14	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
72	35BS72	8.810	1	3.30	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
80	35BS80	9.770	1	3.94	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
84	35BS84	10.250	1	4.26	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
96	35BS96	11.680	1	5.22	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
112	35BS112	13.590	1	6.50	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4

★ Indicates no keyway.

2 1/4" setscrews only in 1/2" & 3/8" bore.

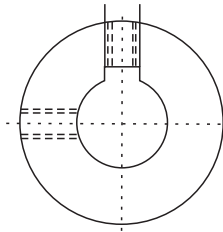
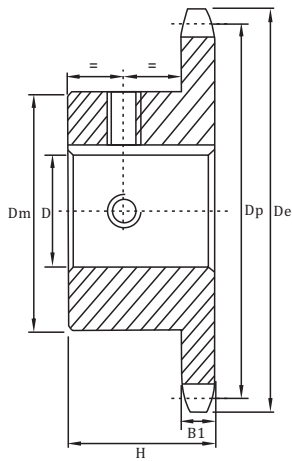
t Keyway with Setscrew at 90°. Hub diameters vary to suit different bore sizes.

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

Finished Bore Sprockets American Standard Series

No.35

◇ Pitch 3/8" ◇ Roller Φ 0.200" ◇ Tooth width B1 0.168"



TYPE BS

No.35-Hardened Teeth-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	35BS9HT	1.260	3/4	.10	★ 3/8
10	35BS10HT	1.380	3/4	.11	★ 3/8 - ★ 1/2 - t 5/8
11	35BS11HT	1.500	3/4	.15	★ 3/8 - ★ 1/2 - t 5/8 - t 3/4
12	35BS12HT	1.630	3/4	.18	- ★ 1/2 - 5/8 - 3/4
13	35BS13HT	1.750	3/4	.20	- ★ 1/2 - 5/8 - 3/4
14	35BS14HT	1.870	3/4	.22	- ★ 1/2 - 5/8 - 3/4
15	35BS15HT	1.990	3/4	.24	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
16	35BS16HT	2.110	3/4	.29	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
17	35BS17HT	2.230	3/4	.36	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
18	35BS18HT	2.350	3/4	.39	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
19	35BS19HT	2.470	3/4	.44	5/8 - 3/4 - - 1
20	35BS20HT	2.590	3/4	.51	5/8 - 3/4 - - 1
21	35BS21HT	2.710	7/8	.75	5/8 - 3/4 - - 1
22	35BS22HT	2.830	7/8	.76	5/8 - 3/4 - - 1
23	35BS23HT	2.950	7/8	.78	5/8 - 3/4 - - 1
24	35BS24HT	3.070	7/8	.79	5/8 - 3/4 - - 1
25	35BS25HT	3.190	7/8	.80	5/8 - 3/4 - - 1
26	35BS26HT	3.310	7/8	.84	5/8 - 3/4 - - 1
28	35BS28HT	3.350	7/8	.88	5/8 - 3/4 - - 1
30	35BS30HT	3.790	7/8	.96	5/8 - 3/4 - - 1

★ Indicates no keyway.

2 1/2" setscrews only in 1/2" & 3/8" bore at 90°.

t Keyway with Setscrew at 90°. Hub diameters vary to suit different bore sizes.

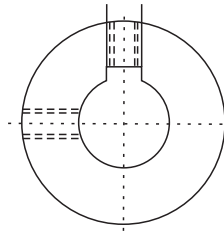
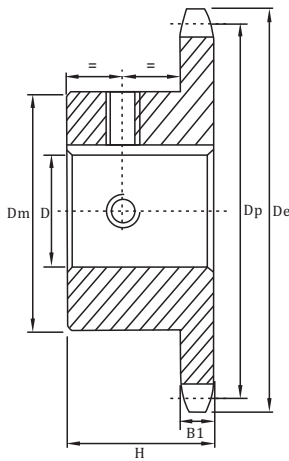
NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Stock hardened teeth sprockets afford longer chain and sprocket life. Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.

Finished Bore Sprockets American Standard Series

No.41

◇Pitch 1/2" ◇Roller Φ 0.306" ◇Tooth width B1 0.227"



TYPE BS

Single-Type BS-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	41BS9	1.670	7/8	.20	★ 1/2 - 5/8
10	41BS10	1.840	7/8	.25	★ 1/2 - 5/8
11	41BS11	2.000	7/8	.32	★ 1/2 - 5/8 - 3/4
12	41BS12	2.170	7/8	.33	★ 1/2 - 5/8 - 3/4 - 7/8
13	41BS13	2.330	7/8	.43	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
14	41BS14	2.490	7/8	.48	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
15	41BS15	2.650	7/8	.59	★ 1/2 - 5/8 - 3/4 - - 1
16	41BS16	2.810	7/8	.72	- 5/8 - 3/4 - - 1
17	41BS17	2.980	1	1.00	- 5/8 - 3/4 - - 1
18	41BS18	3.140	1	1.10	- 5/8 - 3/4 - - 1
19	41BS19	3.300	1	1.21	- 5/8 - 3/4 - - 1
20	41BS20	3.460	1	1.39	- 5/8 - 3/4 - - 1
21	41BS21	3.620	1	1.77	- 5/8 - 3/4 - - 1
22	41BS22	3.780	1	1.92	- 5/8 - 3/4 - - 1
23	41BS23	3.940	1	2.18	- 5/8 - 3/4 - - 1
24	41BS24	4.100	1	2.24	- 5/8 - 3/4 - - 1
25	41BS25	4.260	1	2.42	- 5/8 - 3/4 - - 1
26	41BS26	4.420	1	2.46	- 5/8 - 3/4 - - 1
27	41BS27	4.580	1	2.52	- 5/8 - 3/4 - - 1
28	41BS28	4.740	1	2.60	- 5/8 - 3/4 - - 1
30	41BS30	5.060	1	2.76	- 5/8 - 3/4 - - 1
32	41BS32	5.380	1	2.92	- 5/8 - 3/4 - - 1
35	41BS35	5.860	1	3.08	- 5/8 - 3/4 - - 1
36	41BS36	6.020	1	3.28	- 5/8 - 3/4 - - 1
40	41BS40	6.650	1 1/16	3.82	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
42	41BS42	6.970	1 1/16	3.68	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
45	41BS45	7.450	1 1/16	3.94	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
48	41BS48	7.930	1 1/16	4.68	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
54	41BS54	8.890	1 1/16	5.44	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
60	41BS60	9.840	1 1/16	6.54	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
70	41BS70	11.430	1 3/16	9.28	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
72	41BS72	11.750	1 3/16	9.38	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
80	41BS80	13.030	1 3/16	11.28	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
84	41BS84	13.660	1 3/16	11.94	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
96	41BS96	15.570	1 3/16	14.51	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
112	41BS112	18.120	1 3/16	18.81	1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2

★ Indicates no keyway.
2 1/4" setscrews only in 1/2" bore.
Hub diameters vary to suit different bore sizes.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Finished Bore Sprockets American Standard Series

No.40

◇ Pitch 1/2" ◇ Roller Φ 0.312" ◇ Tooth width B1 0.284"

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	40BS9	1.670	7/8	.16	★ 1/2 - 5/8
10	40BS10	1.840	7/8	.24	★ 1/2 - 5/8 - 3/4
11	40BS11	2.000	7/8	.28	★ 1/2 - 5/8 - 3/4 - 7/8
12	40BS12	2.170	7/8	.34	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
13	40BS13	2.330	7/8	.45	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
14	40BS14	2.490	7/8	.51	★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8
15	40BS15	2.650	7/8	.53	★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
16	40BS16	2.810	7/8	.66	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
17	40BS17	2.980	1	.88	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
18	40BS18	3.140	1	1.03	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
19	40BS19	3.300	1	1.17	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
20	40BS20	3.460	1	1.33	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
21	40BS21	3.620	1	1.53	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
22	40BS22	3.780	1	1.66	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
23	40BS23	3.940	1	1.92	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
24	40BS24	4.100	1	2.10	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
25	40BS25	4.260	1	2.22	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
26	40BS26	4.420	1	2.34	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
27	40BS27	4.580	1	2.42	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
28	40BS28	4.740	1	2.50	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
29	40BS29	4.900	1	2.60	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
30	40BS30	5.060	1	2.70	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
31	40BS31	5.220	1	2.88	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
32	40BS32	5.380	1	3.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
33	40BS33	5.540	1	3.03	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
34	40BS34	5.700	1	3.11	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
35	40BS35	5.860	1	3.20	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
36	40BS36	6.020	1	3.39	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
37	40BS37	6.180	1	3.45	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
38	40BS38	6.330	1	3.50	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
39	40BS39	6.490	1	4.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
40	40BS40	6.650	1 1/8	4.28	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
41	40BS41	6.810	1 1/8	4.58	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
42	40BS42	6.970	1 1/8	4.64	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
43	40BS43	7.130	1 1/8	4.80	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
44	40BS44	7.290	1 1/8	4.96	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
45	40BS45	7.450	1 1/8	5.06	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
46	40BS46	7.610	1 1/8	5.19	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
47	40BS47	7.770	1 1/8	5.26	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
48	40BS48	7.930	1 1/8	5.66	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
49	40BS49	8.090	1 1/8	5.72	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
50	40BS50	8.250	1 1/8	5.78	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
51	40BS51	8.410	1 1/8	5.90	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
52	40BS52	8.570	1 1/8	5.94	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
53	40BS53	8.730	1 1/8	6.12	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
54	40BS54	8.890	1 1/8	6.24	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
55	40BS55	9.040	1 1/8	6.66	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
56	40BS56	9.200	1 1/8	6.71	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
57	40BS57	9.360	1 1/8	6.94	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
58	40BS58	9.520	1 1/8	7.17	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
59	40BS59	9.680	1 1/8	7.38	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
60	40BS60	9.840	1 1/8	7.68	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
70	40BS70	11.430	1 1/4	10.80	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
72	40BS72	11.750	1 1/4	11.30	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
80	40BS80	13.030	1 1/4	13.20	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
84	40BS84	13.660	1 1/4	13.84	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
96	40BS96	15.570	1 1/4	17.44	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
112	40BS112	18.120	1 1/4	22.45	- 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2

★ Indicates no keyway.

2 1/2" setscrews only .

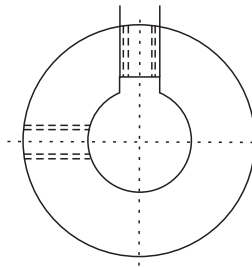
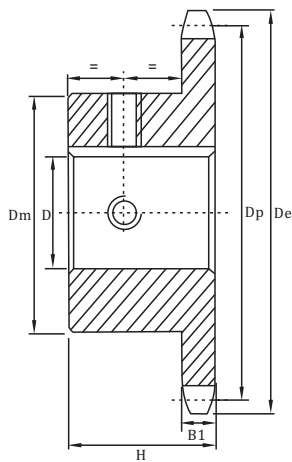
Hub diameters vary to suit different bore sizes.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Finished Bore Sprockets American Standard Series

No.40

◇Pitch 1/2" ◇RollerΦ 0.312" ◇Tooth width B1 0.284"



TYPE BS

No.40-Hardened Teeth-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	40BS9HT	1.670	7/8	.16	- ★ 1/2 - 5/8
10	40BS10HT	1.840	7/8	.24	- ★ 1/2 - 5/8 - 3/4
11	40BS11HT	2.000	7/8	.28	- ★ 1/2 - 5/8 - 3/4 - 7/8
12	40BS12HT	2.170	7/8	.34	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
13	40BS13HT	2.330	7/8	.45	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1
14	40BS14HT	2.490	7/8	.51	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8
15	40BS15HT	2.650	7/8	.53	- ★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
16	40BS16HT	2.810	7/8	.66	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
17	40BS17HT	2.980	1	.88	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
18	40BS18HT	3.140	1	1.03	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
19	40BS19HT	2.300	1	1.17	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
20	40BS20HT	3.460	1	1.33	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
21	40BS21HT	3.620	1	1.53	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
22	40BS22HT	3.780	1	1.66	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
23	40BS23HT	3.940	1	1.92	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
24	40BS24HT	4.100	1	2.10	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
25	40BS25HT	4.260	1	2.22	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
26	40BS26HT	4.420	1	2.34	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
28	40BS28HT	4.740	1	2.50	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
30	40BS30HT	5.060	1	2.70	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2

★ Indicates no keyway.
2 1/4" setscrews only in 1/2" & 3/8" bore.
Setscrews at 90° and 180° to key.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Stock hardened teeth sprockets afford longer chain and sprocket life.Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is run-ning at a speed of over 600 R.P.M.

Finished Bore Sprockets American Standard Series

No.50

◇ Pitch 5/8" ◇ Roller Φ 0.400" ◇ Tooth width B1 0.343"

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore	
					Includes Keyway and 2 Setscrews	
9	50BS9	2.090	1	.30	$\frac{5}{8}$	$-\frac{3}{4}$
10	50BS10	2.300	1	.30	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-t1$
11	50BS11	2.500	1	.60	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1$
12	50BS12	2.710	1	.70	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}$
13	50BS13	2.910	1	.80	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}$
14	50BS14	3.110	1	1.00	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}$
15	50BS15	3.320	1	1.20	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
16	50BS16	3.520	1	1.45	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-1\frac{5}{8}$
17	50BS17	3.720	1	1.60	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-1\frac{5}{8}$
18	50BS18	3.920	1	1.90	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-1\frac{5}{8}$
19	50BS19	4.120	1	2.00	$\frac{5}{8}$	$-\frac{3}{4}-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-1\frac{5}{8}$
20	50BS20	4.320	1	2.10	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-1\frac{5}{8}$
21	50BS21	4.520	1	2.25	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
22	50BS22	4.720	1	2.40	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
23	50BS23	4.920	1	2.50	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
24	50BS24	5.120	1 1/4	3.00	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
25	50BS25	5.320	1 1/4	3.10	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
26	50BS26	5.520	1 1/4	3.30	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
27	50BS27	5.720	1 1/4	3.46	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
28	50BS28	5.920	1 1/4	3.60	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
29	50BS29	6.120	1 1/4	3.78	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
30	50BS30	6.320	1 1/4	3.90	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}$
31	50BS31	6.520	1 1/4	4.46	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
32	50BS32	6.720	1 1/4	4.70	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
33	50BS33	6.920	1 1/4	4.92	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
34	50BS34	7.120	1 1/4	5.06	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
35	50BS35	7.320	1 1/4	5.30	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
36	50BS36	7.520	1 1/4	5.50	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
37	50BS37	7.720	1 1/4	5.62	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
38	50BS38	7.920	1 1/4	5.80	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
39	50BS39	8.120	1 1/4	6.02	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
40	50BS40	8.320	1 1/4	6.20	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
41	50BS41	8.520	1 1/4	6.45	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
42	50BS42	8.720	1 1/4	6.68	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
43	50BS43	8.910	1 1/4	6.99	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
44	50BS44	9.110	1 1/4	7.30	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
45	50BS45	9.310	1 1/4	8.00	$\frac{3}{4}$	$-\frac{7}{8}-1-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
46	50BS46	9.510	1 1/4	8.51	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
47	50BS47	9.710	1 1/4	8.76	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
48	50BS48	9.910	1 1/4	9.03	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
49	50BS49	10.110	1 1/4	9.33	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
50	50BS50	10.310	1 1/4	9.63	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
51	50BS51	10.510	1 1/4	9.81	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
52	50BS52	10.710	1 1/4	9.99	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
53	50BS53	10.910	1 1/4	10.37	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
54	50BS54	11.110	1 1/4	10.75	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
55	50BS55	11.310	1 1/4	11.08	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
56	50BS56	11.500	1 1/4	11.41	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
57	50BS57	11.700	1 1/4	11.75	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
58	50BS58	11.900	1 1/4	12.08	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
59	50BS59	12.100	1 1/4	12.41	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
60	50BS60	12.300	1 1/4	13.50	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
70	50BS70	14.290	1 3/4	17.81	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
72	50BS72	14.690	1 3/4	19.13	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
80	50BS80	16.280	1 3/4	24.39	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
84	50BS84	17.080	1 3/4	25.15	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
96	50BS96	19.470	1 3/4	32.57	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$
112	50BS112	22.650	1 3/4	41.65	1	$-1\frac{1}{8}-1\frac{3}{16}-1\frac{1}{4}-1\frac{3}{8}-1\frac{7}{16}-1\frac{1}{2}-\frac{3}{4}-1\frac{15}{16}$

Keyway with Setscrews at 90°.

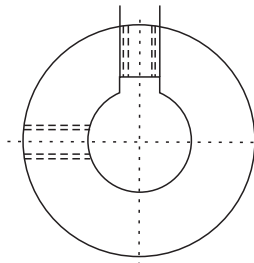
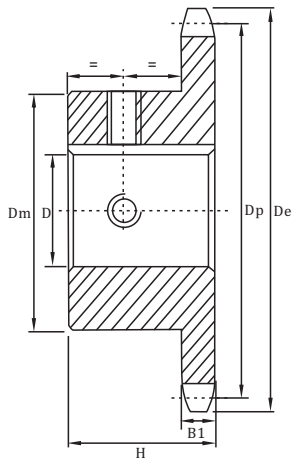
NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Hub diameters vary to suit different bore sizes.

Finished Bore Sprockets American Standard Series

No.50

◇ Pitch 5/8" ◇ Roller Φ 0.400" ◇ Tooth width B1 0.343"



TYPE BS

No.50-Hardened Teeth-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	50BS9HT	2.09	1	.3	$\frac{5}{8} - \frac{3}{4}$
10	50BS10HT	2.30	1	.3	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - t1$
11	50BS11HT	2.50	1	.6	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1$
12	50BS12HT	2.71	1	.7	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4}$
13	50BS13HT	2.91	1	.8	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4}$
14	50BS14HT	3.11	1	1.0	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4}$
15	50BS15HT	3.32	1	1.2	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2}$
16	50BS16HT	3.52	1	1.5	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2} - \frac{1}{8}$
17	50BS17HT	3.72	1	1.7	$\frac{5}{8} - \frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2} - \frac{1}{8}$
18	50BS18HT	3.92	1	2.0	$\frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2} - \frac{1}{8}$
19	50BS19HT	4.12	1	2.2	$\frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2} - \frac{1}{8}$
20	50BS20HT	4.32	1	2.5	$\frac{3}{4} - \frac{7}{8} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2} - \frac{1}{8}$
21	50BS21HT	4.52	1	2.6	$\frac{3}{4} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2}$
22	50BS22HT	4.72	1	2.8	$\frac{3}{4} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2}$
23	50BS23HT	4.92	1	3.2	$\frac{3}{4} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2}$
24	50BS24HT	5.12	$1\frac{1}{4}$	4.0	$\frac{3}{4} - 1 - \frac{1}{8} - \frac{1^{3/16}}{16} - \frac{1}{4} - \frac{1}{8} - \frac{1^{7/16}}{16} - \frac{1}{2}$

★ Indicates no keyway.
2 1/4" setscrews only in 1/2" & 3/8" bore.
Setscrews at 90° and 180° to key.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Stock hardened teeth sprockets afford longer chain and sprocket life.Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is run-ning at a speed of over 600 R.P.M.

Finished Bore Sprockets American Standard Series

No.60

◇Pitch $3/4"$ ◇Roller Φ $0.468"$ ◇Tooth width B1 $0.459"$

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	60BS9	2.510	1/4	.6	$3/4 - 7/8 - 1$
10	60BS10	2.760	1/4	.7	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4$
11	60BS11	3.000	1/4	.9	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4$
11	60BS11W★	3.000	1/4	.8	1/4
12	60BS12	3.250	1/4	1.3	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4 - 1/16$
12	60BS12W★	3.250	1/4	1.1	1/4
13	60BS13	3.490	1/4	1.3	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2$
14	60BS14	3.740	1/4	1.6	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8$
15	60BS15	3.980	1/4	1.7	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4$
16	60BS16	4.220	1/4	2.1	$3/4 - 7/8 - 1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
17	60BS17	4.460	1/4	2.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
18	60BS18	4.700	1/4	2.6	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
18	60BS18W★	4.700	1/4	2.6	1/4
19	60BS19	4.950	1/4	3.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
20	60BS20	5.190	1/4	3.9	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
21	60BS21	5.430	1/4	4.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
22	60BS22	5.670	1/4	4.7	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
23	60BS23	5.910	1/4	5.0	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
24	60BS24	6.150	1/4	5.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
25	60BS25	6.390	1/4	5.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
26	60BS26	6.630	1/4	5.8	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
27	60BS27	6.870	1/4	6.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
28	60BS28	7.110	1/4	6.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
29	60BS29	7.350	1/4	6.9	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
30	60BS30	7.590	1/4	7.1	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
31	60BS31	7.830	1/4	7.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
32	60BS32	8.070	1/4	7.8	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
33	60BS33	8.300	1/4	8.2	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
34	60BS34	8.540	1/4	8.5	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
35	60BS35	8.780	1/4	8.8	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16$
36	60BS36	9.020	1/4	9.2	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
37	60BS37	9.260	1/4	9.9	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
38	60BS38	9.500	1/4	10.5	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
39	60BS39	9.740	1/4	10.9	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
40	60BS40	9.980	1/4	11.2	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
41	60BS41	10.220	1/4	11.8	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
42	60BS42	10.460	1/4	12.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
43	60BS43	10.700	1/4	13.0	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
44	60BS44	10.940	1/4	13.5	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
45	60BS45	11.180	1/4	13.8	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
46	60BS46	11.420	1/4	14.1	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
47	60BS47	11.650	1/4	14.6	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
48	60BS48	11.890	1/4	15.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
49	60BS49	12.130	1/4	16.4	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
50	60BS50	12.370	1/4	17.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
51	60BS51	12.610	1/4	18.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
52	60BS52	12.850	1/4	19.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
53	60BS53	13.090	1/4	20.3	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
54	60BS54	13.330	3/4	21.0	$1 - 1/8 - 1/16 - 1/4 - 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
55	60BS55	13.570	1/4	21.2	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
56	60BS56	13.810	3/4	21.3	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
57	60BS57	14.040	3/4	22.2	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
58	60BS58	14.280	1/4	23.0	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
59	60BS59	14.520	3/4	23.8	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
60	60BS60	14.760	1/4	25.0	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
70	60BS70	17.150	3/4	31.4	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
72	60BS72	17.630	2	33.5	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
80	60BS80	19.540	2	41.2	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
84	60BS84	20.490	2	45.8	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
96	60BS96	23.360	2 1/4	62.3	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$
112	60BS112	27.180	2 1/4	81.1	$- 1/8 - 1/16 - 1/2 - 1/8 - 1/4 - 1/16 - 2 - 2/16 - 2/16$

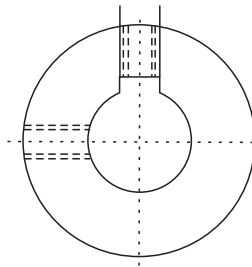
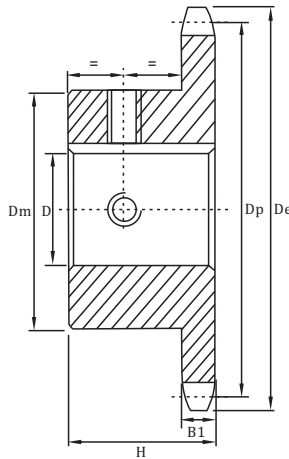
★W=Winch Sprockets-KW $5/16 \times 5/32$ -S.S. at 90°. Hub diameters vary to suit different bore sizes.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Finished Bore Sprockets American Standard Series

No.60

◇Pitch 3/4" ◇RollerΦ 0.468" ◇Tooth width B1 0.459"



TYPE BS

No.60-Hardened Teeth-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	60BS9HT	2.51	1 1/4	.6	3/4 - 7/8 - 1
10	60BS10HT	2.76	1 1/4	.7	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
11	60BS11HT	3.00	1 1/4	.9	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
12	60BS12HT	3.25	1 1/4	1.3	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 7/16
13	60BS13HT	3.49	1 1/4	1.3	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
14	60BS14HT	3.74	1 1/4	1.6	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
15	60BS15HT	3.98	1 1/4	1.7	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4
16	60BS16HT	4.22	1 1/4	2.1	3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16
17	60BS17HT	4.46	1 1/4	2.4	- 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16
18	60BS18HT	4.70	1 1/4	2.6	- 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16
19	60BS19HT	4.95	1 1/4	3.4	- 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16
20	60BS20HT	5.19	1 1/4	3.9	- 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16

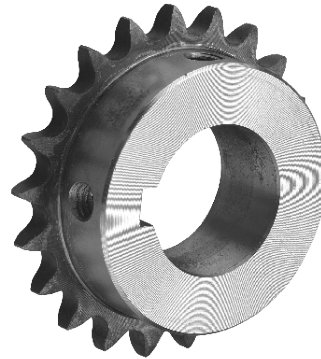
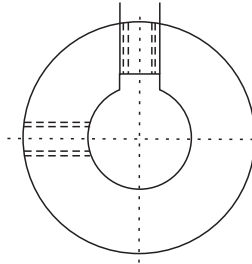
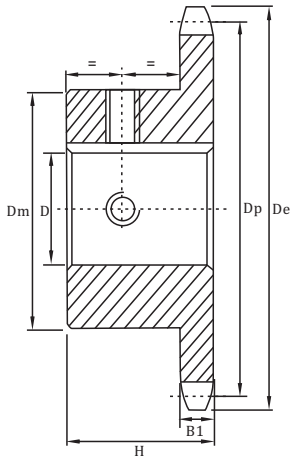
NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Stock hardened teeth sprockets afford longer chain and sprocket life.Hardened teeth on the smaller sprocket of a roller chain drive are recommended if the drive ratio is four to one or greater or if the smaller sprocket has 24 teeth or less and is running at a speed of over 600 R.P.M.

Finished Bore Sprockets American Standard Series

No.80

◇Pitch 1" ◇Roller Φ 0.625" ◇Tooth width B1 0.575"



TYPE BS

No.80-Hardened Teeth-2 Setscrews-Bored To Size

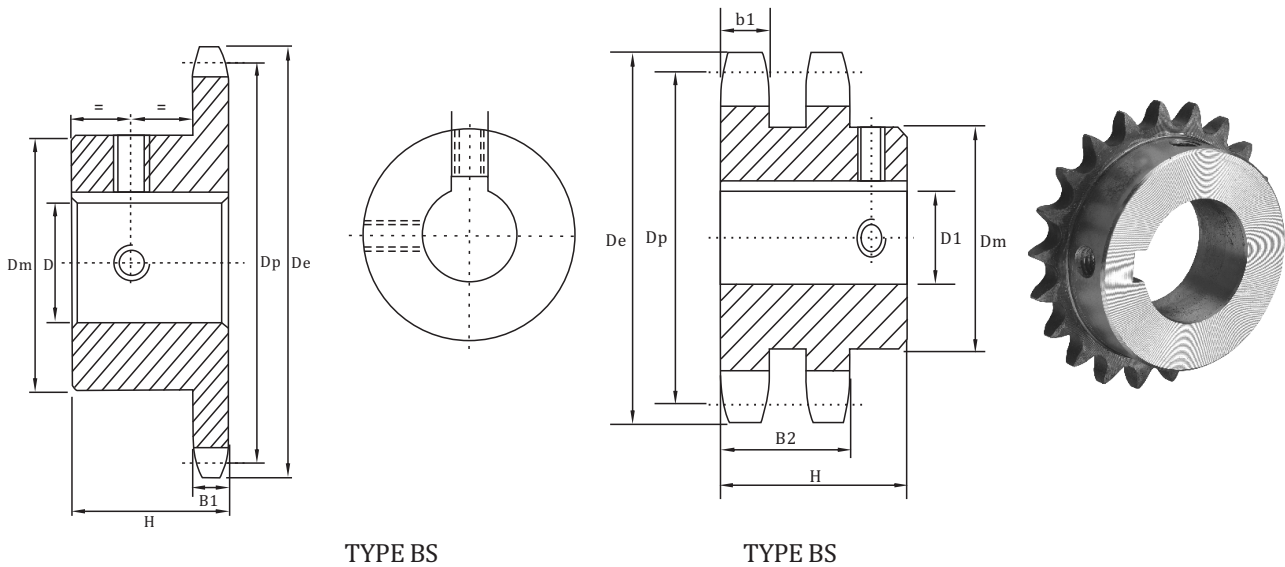
No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
9	80BS9HT	3.350	1 ⁵ / ₈	1.6	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄
10	80BS10HT	3.368	1 ⁵ / ₈	1.7	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄
11	80BS11HT	4.010	1 ⁵ / ₈	1.8	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈
12	80BS12HT	4.330	1 ⁵ / ₈	3.0	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄
13	80BS13HT	4.660	1 ¹ / ₂	3.5	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ⁷ / ₈ - 1 ¹⁵ / ₁₆ - 2
14	80BS14HT	4.980	1 ¹ / ₂	4.1	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ⁷ / ₈ - 1 ¹⁵ / ₁₆ - 2
15	80BS15HT	5.300	1 ¹ / ₂	5.2	1 - 1 ¹ / ₈ - 1 ³ / ₁₆ - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ⁷ / ₈ - 1 ¹⁵ / ₁₆ - 2
16	80BS16HT	5.630	1 ¹ / ₂	6.1	1 - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ¹⁵ / ₁₆ - 2
17	80BS17HT	5.950	1 ¹ / ₂	7.0	1 - 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ¹⁵ / ₁₆ - 2 - 2 ⁷ / ₁₆
18	80BS18HT	6.270	1 ¹ / ₂	7.8	- 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ¹⁵ / ₁₆ - 2 - 2 ⁷ / ₁₆
19	80BS19HT	6.590	1 ¹ / ₂	8.3	- 1 ¹ / ₄ - 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ¹⁵ / ₁₆ - 2 - 2 ⁷ / ₁₆
20	80BS20HT	6.910	1 ¹ / ₂	9.5	- 1 ³ / ₈ - 1 ⁷ / ₁₆ - 1 ¹ / ₂ - 1 ⁵ / ₈ - 1 ³ / ₄ - 1 ¹⁵ / ₁₆ - 2 - 2 ⁷ / ₁₆

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Finished Bore Sprockets American Standard Series

No.80

- ◇ Pitch 1" ◇ Roller Φ 0.625"
 ◇ Tooth width b1 0.557" ◇ Tooth width B1 0.575" ◇ Tooth width B2 1.710"



Single Type BS Winch-2 Setscrews

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway (see Footnote) and Screw at 90° from Keyway
10	80BS10W	3.680	1 $\frac{5}{8}$	1.7	1 $\frac{1}{4}$
11	80BS11W	4.010	1 $\frac{5}{8}$	1.8	1 $\frac{1}{4}$
12	80BS12W	4.330	1 $\frac{5}{8}$	3.0	1 $\frac{1}{4}$
15	80BS15W	5.300	1 $\frac{1}{2}$	5.2	1 $\frac{1}{4}$
18	80BS18W	6.270	1 $\frac{1}{2}$	7.8	1 $\frac{1}{4}$ - 1 $\frac{1}{2}$

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Double Type BS Winch(Hardened Teeth)-2 Setscrews

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway (see Footnote) and Screw at 90° from Keyway
12	D80BS12W	3.680	2 $\frac{1}{2}$	5.2	1 $\frac{1}{4}$ - 1 $\frac{1}{2}$ - 1 $\frac{3}{4}$
15	D80BS15W	5.300	2 $\frac{1}{2}$	9.2	1 $\frac{1}{4}$ - 1 $\frac{1}{2}$ - 1 $\frac{3}{4}$
18	D80BS18W	6.270	2 $\frac{3}{4}$	13.5	1 $\frac{1}{2}$ - 1 $\frac{3}{4}$ - 2
20	D80BS20W	6.910	2 $\frac{3}{4}$	16.2	1 $\frac{1}{2}$ - 1 $\frac{3}{4}$ - 2
24	D80BS24W	8.200	2 $\frac{3}{4}$	23.2	1 $\frac{1}{2}$ - 2

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

Footnote: 1 $\frac{1}{4}$ " bore has $\frac{5}{16}$ " \times $\frac{5}{32}$ " keyway, set screw at 90° from keyway

Footnote: 1 $\frac{1}{2}$ " bore has $\frac{5}{16}$ " \times $\frac{5}{32}$ " keyway, set screw at 90° from keyway

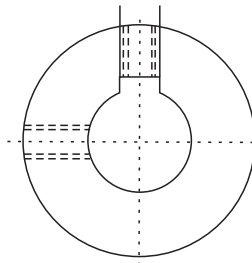
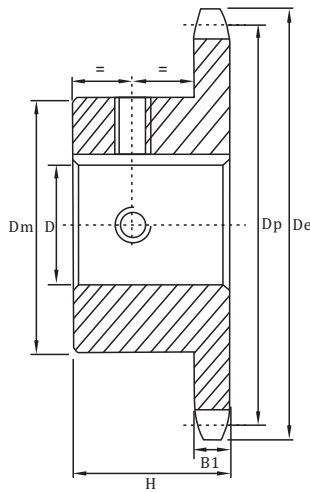
Footnote: 1 $\frac{3}{4}$ " bore has $\frac{3}{8}$ " \times $\frac{3}{16}$ " keyway, set screw at 90° from keyway

Footnote: 2" bore has $\frac{3}{8}$ " \times $\frac{3}{16}$ " keyway, set screw at 90° from keyway

Finished Bore Sprockets American Standard Series

No.100

◇Pitch 1- 1/4" ◇Roller Φ 0.750" ◇Tooth width B1 0.692"



TYPE BS

Single-Type BS-2 Setscrews-Bored To Size

No. Teeth	Number	De	H	Weight Lbs. (Approx.)	Stock Finished Bore Includes Keyway and 2 Setscrews
8	100BS8	3.770	1 7/8	2.8	1 - 1 3/16 - 1 1/4
9	100BS9	4.180	1 7/8	3.0	1 - 1 3/16 - 1 1/4 - 1 1/16
10	100BS10	4.600	1 7/8	3.9	1 - 1 3/16 - 1 1/4 - 1 1/16
11	100BS11	5.010	1 7/8	4.9	1 - 1 3/16 - 1 1/4 - 1 1/16 - 1 15/16 - 2 - 2 3/16
12	100BS12	5.420	1 7/8	6.0	1 - 1 3/16 - 1 1/4 - 1 1/16 - 1 15/16 - 2 - 2 3/16
13	100BS13	5.820	1 7/8	6.2	- 1 3/16 - 1 1/4 - 1 1/16 - 1 15/16 - 2 - 2 3/16
14	100BS14	6.230	1 7/8	6.6	- 1 1/4 - 1 1/16 - 1 15/16 - 2 - 2 3/16
15	100BS15	6.630	1 3/4	8.4	- 1 1/4 - 1 1/16 - 1 15/16 - 2 - 2 3/16
16	100BS16	7.030	1 3/4	9.0	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
17	100BS17	7.440	1 3/4	9.9	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
18	100BS18	7.840	1 3/4	10.6	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
19	100BS19	8.240	2	12.1	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
20	100BS20	8.640	2	13.2	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
21	100BS21	9.040	2	14.3	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
22	100BS22	9.440	2	15.1	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
23	100BS23	9.840	2	16.1	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
24	100BS24	10.250	2	18.1	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
25	100BS25	10.650	2	18.4	- 1 1/16 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16

Hub diameters vary to suit different bore sizes.

NOTE:KEYWAY IS ON CENTER LINE OF TOOTH.

STANDARD KEYWAYS AND SETSCREWS

Diameter of Shaft	Keyway Width × Depth	Setscrew	Diameter of Shaft	Keyway Width × Depth	Setscrew
1/2 - 9/16	3/8 × 1/16	10-24	2 5/16 - 2 3/4	5/8 × 5/16	5/8*
5/8 - 7/8	3/16 × 3/32	1/4	1 13/16 - 3 1/4	3/4 × 3/8	5/8*
1 1/16 - 1 1/4	1/4 × 1/8	5/16	3 7/16 - 3 3/4	7/8 × 7/16	3/4
1 5/16 - 1 3/8	5/16 × 5/32	5/16	3 13/16 - 4 1/2	1 × 1/2	3/4
1 7/16 - 1 3/4	3/8 × 3/16	3/8	4 9/16 - 5 1/2	1 1/4 × 5/8	3/4
1 13/16 - 2 1/4	1/2 × 1/4	1/2*	5 9/16 - 6 1/2	1 1/2 × 3/4	3/4

*Hub size may require smaller setscrews in some instances.

STANDARD BORE TOLERANCES

1" and Less	+0.001-.000
1 1/16" to 2"	+0.002-.000
2 1/16" to 3"	+0.003-.000
3 1/16" & up	+0.004-.000