

# U.S. TSUBAKI STOCK SPROCKETS

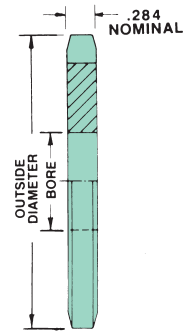
## No. 40 $\frac{1}{2}$ " Pitch — Plain Bore

Dimensions are in inches unless otherwise indicated.

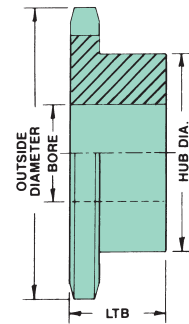
Type A				Type B Plain Bore					
No. Teeth	Catalog Number	Plain Bore	Wt. Lbs.	Catalog Number	Plain Bore	†Max. Bore	Hub Dia.	LTB	Wt. Lbs.
8				40B8	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{16}$ ▲	$\frac{7}{8}$	.12
9				40B9	$\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{8}$ ▲	$\frac{7}{8}$	.22
10				40B10	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{4}$ ▲	$\frac{7}{8}$	.25
11				40B11	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{29}{64}$ ▲	$\frac{7}{8}$	.38
12	40A12	$\frac{1}{2}$	.26	40B12	$\frac{1}{2}$	1	$1\frac{1}{16}$ ▲	$\frac{7}{8}$	.44
13	40A13	$\frac{1}{2}$	.30	40B13	$\frac{1}{2}$	1	$1\frac{1}{16}$	$\frac{7}{8}$	.50
14	40A14	$\frac{1}{2}$	.34	40B14	$\frac{1}{2}$	1	$1\frac{11}{16}$	$\frac{7}{8}$	.57
15	40A15	$\frac{5}{8}$	.38	40B15	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{13}{16}$	$\frac{7}{8}$	.69
16	40A16	$\frac{5}{8}$	.41	40B16	$\frac{5}{8}$	$1\frac{1}{4}$	2	$\frac{7}{8}$	.81
17	40A17	$\frac{5}{8}$	.44	40B17	$\frac{5}{8}$	$1\frac{5}{16}$	$2\frac{1}{8}$	$\frac{7}{8}$	.94
18	40A18	$\frac{5}{8}$	.46	40B18	$\frac{5}{8}$	$1\frac{1}{2}$	$2\frac{5}{16}$	$\frac{7}{8}$	1.12
19	40A19	$\frac{5}{8}$	.52	40B19	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	$\frac{7}{8}$	1.30
20	40A20	$\frac{5}{8}$	.58	40B20	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{5}{8}$	1	1.60
21	40A21	$\frac{5}{8}$	.64	40B21	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{25}{32}$	1	1.80
22	40A22	$\frac{5}{8}$	.70	40B22	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.00
23	40A23	$\frac{5}{8}$	.77	40B23	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.10
24	40A24	$\frac{5}{8}$	.84	40B24	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.20
25	40A25	$\frac{5}{8}$	.91	40B25	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.30
26	40A26	$\frac{5}{8}$	1.00	40B26	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.40
27	40A27	$\frac{5}{8}$	1.10	40B27	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.50
28	40A28	$\frac{5}{8}$	1.10	40B28	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.50
29	40A29	$\frac{5}{8}$	1.20	40B29	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.60
30	40A30	$\frac{5}{8}$	1.30	40B30	$\frac{5}{8}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.70
31	40A31	$\frac{3}{4}$	1.40	40B31	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.70
32	40A32	$\frac{3}{4}$	1.50	40B32	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.80
33	40A33	$\frac{3}{4}$	1.60	40B33	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	2.90
34	40A34	$\frac{3}{4}$	1.70	40B34	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	3.00
35	40A35	$\frac{3}{4}$	1.80	40B35	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	3.10
36	40A36	$\frac{3}{4}$	1.90	40B36	$\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	1	3.20
38	40A38	$\frac{3}{4}$	2.10	40B38	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	3.80
40	40A40	$\frac{3}{4}$	2.40	40B40	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	4.10
42	40A42	$\frac{3}{4}$	2.60	40B42	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	4.30
44	40A44	$\frac{3}{4}$	2.90	40B44	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	4.60
45	40A45	$\frac{3}{4}$	3.00	40B45	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	4.70
46	40A46	$\frac{3}{4}$	3.10	40B46	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	4.90
47	40A47	$\frac{3}{4}$	3.30	40B47	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	5.10
48	40A48	$\frac{3}{4}$	3.40	40B48	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	5.20
50	40A50	$\frac{3}{4}$	3.70	40B50	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	5.40
54	40A54	$\frac{3}{4}$	4.30	40B54	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	6.00
60	40A60	$\frac{3}{4}$	5.30	40B60	$\frac{3}{4}$	2	3	$1\frac{1}{8}$	7.00
70	40A70	1	7.20	40B70	1	2	3	$1\frac{1}{8}$	8.90
72	40A72	1	7.70	40B72	1	2	3	$1\frac{1}{8}$	9.50
80	40A80	1	9.50	40B80	1	2	3	$1\frac{1}{8}$	11.20
84	40A84	1	10.40	40B84	1	2	3	$1\frac{1}{8}$	12.10
96	40A96	1	13.70	40B96	1	2	3	$1\frac{1}{8}$	15.40
112	40A112	1	18.60	40B112	1	2	3	$1\frac{1}{8}$	20.30

### CHAIN TECHNICAL DATA

Size	40
Pitch	$\frac{1}{2}$ "
Inside Width	$\frac{5}{16}$ "
Roller Diameter	.312"



TYPE A



TYPE B

SEE CURRENT DISCOUNT SHEET FOR ALTERATION CHARGES

▲Has recessed groove in hub for chain clearance †Dimensions shown allow for standard keyway with set screw at 90°  
Note: Consult U.S. Tsubaki for availability of No. 41 Plain Bore Sprockets.

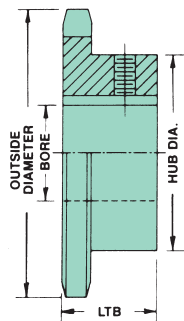
# No. 40 $\frac{1}{2}$ " Pitch – Finished Bore

Dimensions are in inches unless otherwise indicated.

		Type F Bored to Size							Sprocket Diameters		
No. Teeth	Catalog Number	Available Bores (Includes Standard KW & 2SS)							$\frac{1}{2}$ " Pitch		
		Outside Diameter	Pitch Diameter	Caliper Diameter							
9	40B9F	$\frac{1}{2}$	$\frac{5}{8}$						1.674	1.462	1.127
10	40B10F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$					1.839	1.618	1.305
11	40B11F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$				2.003	1.775	1.444
12	40B12F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1			2.166	1.932	1.620
13	40B13F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1			2.328	2.089	1.761
14	40B14F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1			2.490	2.247	1.934
15	40B15F	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$ ●, $\frac{1}{4}$ ●	2.652	2.405	2.079
16	40B16F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	2.814	2.563	2.250
17	40B17F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	2.974	2.721	2.397
18	40B18F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.136	2.879	2.567
19	40B19F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.292	3.038	2.715
20	40B20F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.457	3.196	2.883
21	40B21F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.618	3.355	3.033
22	40B22F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.778	3.513	3.201
23	40B23F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	3.938	3.672	3.351
24	40B24F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	4.098	3.831	3.518
25	40B25F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	4.258	3.989	3.669
26	40B26F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	4.418	4.148	3.835
27	40B27F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	4.578	4.307	3.987
28	40B28F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	4.738	4.465	4.153
30	40B30F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	5.057	4.783	4.471
32	40B32F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	5.376	5.101	4.788
34	40B34F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	5.696	5.419	5.107
35	40B35F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	5.856	5.578	5.260
36	40B36F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	6.015	5.737	5.425
38	40B38F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	6.334	6.055	5.742
40	40B40F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	6.653	6.373	6.061
42	40B42F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	6.972	6.691	6.379
45	40B45F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	7.450	7.168	6.851
48	40B48F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	7.928	7.645	7.332
49	40B49F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	8.088	7.804	7.487
50	40B50F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	8.248	7.963	7.650
54	40B54F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	8.884	8.599	8.286
60	40B60F		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	$\frac{13}{16}$	9.840	9.554	9.241

● Indicates set screw at 90° and 180° from keyway  
 Note: Consult U.S. Tsubaki for availability of No. 41 Finished Bore Sprockets.

C - SPROCKETS



TYPE B

CHAIN TECHNICAL DATA	
Size	40
Pitch	$\frac{1}{2}$ "
Inside Width	$\frac{5}{16}$ "
Roller Diameter	.312"

# U.S. TSUBAKI STOCK SPROCKETS

## No. 40 1/2" Pitch — Stainless Steel

Dimensions are in inches unless otherwise indicated.

Single — Type B — Stainless Steel								Single — Type A		
No. Teeth	Outside Diameter	Catalog Number	Plain Bore	Max. Bore	Hub Dia.	LTB	Wt. Lbs.	Catalog Number	Stock Bore	Wt. Lbs.
10	1.840	40B10SS	1/2	3/4	1 1/4 ▲	7/8	.28			
11	2.000	40B11SS	1/2	13/16	1 3/8 ▲	7/8	.36			
12	2.170	40B12SS	1/2	15/16	1 9/16 ▲	7/8	.44			
13	2.330	40B13SS	1/2	1 1/16	1 9/16	7/8	.50			
14	2.490	40B14SS	1/2	1 1/8	1 11/16	7/8	.60			
15	2.650	40B15SS	1/2	1 1/4	1 13/16	7/8	.68			
16	2.810	40B16SS	5/8	1 3/8	2	7/8	.82			
17	2.980	40B17SS	5/8	1 7/16	2 1/8	1	1.20			
18	3.140	40B18SS	5/8	1 1/2	2 5/16	1	1.24			
19	3.300	40B19SS	5/8	1 3/4	2 1/2	1	1.42			
20	3.460	40B20SS	5/8	1 7/8	2 5/8	1	1.60			
21	3.620	40B21SS	5/8	1 7/8	2 3/4	1	1.68			
22	3.780	40B22SS	5/8	1 7/8	2 7/8	1	1.81			
23	3.940	40B23SS	5/8	2	3	1	2.18			
24	4.100	40B24SS	5/8	2	3	1	2.20	40A24SS	19/32	.80
25	4.260	40B25SS	5/8	2	3	1	2.39	40A25SS	19/32	.90
26	4.420	40B26SS	5/8	2	3	1	2.40	40A26SS	19/32	1.30
28	4.740	40B28SS	5/8	2	3	1	2.75	40A28SS	19/32	1.30
30	5.060	40B30SS	5/8	2	3	1	2.88	40A30SS	19/32	1.30
35	5.860	40B35SS	5/8	2	3	1	3.32	40A35SS	19/32	1.90
40	6.650	40B40SS	5/8	2	3	1	4.28	40A40SS	19/32	2.30
45	7.450	40B45SS	5/8	2	3	1	4.68	40A45SS	19/32	3.10
60	9.840	40B60SS	5/8	2	3	1	7.00	40A60SS	19/32	5.50

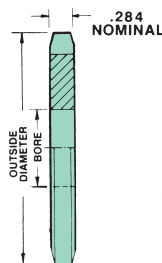
SEE CURRENT DISCOUNT SHEET FOR ALTERATION CHARGES

▲Has recessed groove in hub for chain clearance

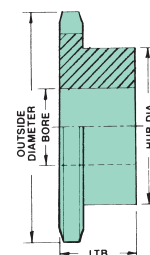
C - SPROCKETS

### CHAIN TECHNICAL DATA

Size	40SS
Pitch	1/2"
Inside Width	5/16"
Roller Diameter	.312"



TYPE A



TYPE B

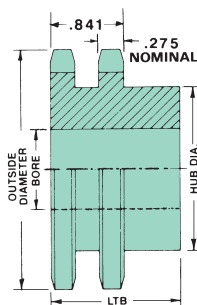
# No. 40 1/2" Pitch – Multiple Strand

Dimensions are in inches unless otherwise indicated.

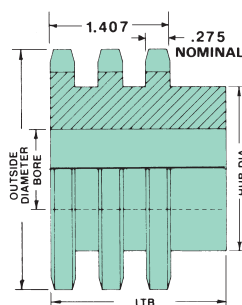
Basic Sprocket Dimensions			40-2 Double Strand				40-3 Triple Strand					
No. Teeth	Outside Diameter	Plain Bore	Catalog Number	Hub Dia.	LTB	†Max. Bore	Wt. Lbs.	Catalog Number	Hub Dia.	LTB	†Max. Bore	Wt. Lbs.
11	2.003	1/2	D40B11	1 1/16 ▲	1 1/2	3/4	.60	T40B11	1 1/16 ▲	2 1/8	3/4	.80
12	2.166	1/2	D40B12	1 3/16 ▲	1 1/2	7/8	.70	T40B12	1 3/16 ▲	2 1/8	7/8	1.10
13	2.328	1/2	D40B13	1 1/2	1 1/2	1	.80	T40B13	1 1/2	2 1/8	1	1.20
14	2.490	1/2	D40B14	1 21/32	1 1/2	1 1/8	1.00	T40B14	1 21/32	2 1/8	1 1/8	1.50
15	2.650	1/2	D40B15	1 13/16	1 1/2	1 1/4	1.20	T40B15	1 13/16	2 1/8	1 1/4	1.70
16	2.814	5/8	D40B16	1 31/32	1 1/2	1 3/8	1.40	T40B16	1 31/32	2 1/8	1 3/8	2.00
17	2.974	5/8	D40B17	2 5/32	1 1/2	1 7/16	1.60	T40B17	2 5/32	2 1/8	1 7/16	2.40
18	3.136	5/8	D40B18	2 5/16	1 1/2	1 1/2	1.90	T40B18	2 5/16	2 1/8	1 1/2	2.70
19	3.292	5/8	D40B19	2 15/32	1 1/2	1 5/8	2.10	T40B19	2 15/32	2 1/8	1 5/8	3.10
20	3.457	5/8	D40B20	2 5/8	1 5/8	1 3/4	2.60	T40B20	2 5/8	2 1/4	1 3/4	3.70
21	3.618	5/8	D40B21	2 25/32	1 5/8	1 7/8	2.90	T40B21	2 25/32	2 1/4	1 7/8	4.10
22	3.778	5/8	D40B22	2 15/16	1 5/8	1 7/8	3.30	T40B22	2 15/16	2 1/4	1 7/8	4.60
23	3.938	5/8	D40B23	3 3/32	1 5/8	2	3.60	T40B23	3 3/32	2 1/4	2	5.10
24	4.098	5/8	D40B24	3 9/32	1 5/8	2 1/4	4.00	T40B24	3 9/32	2 1/4	2 1/4	5.60
25	4.258	5/8	D40B25	3 7/16	1 5/8	2 1/4	4.40	T40B25	3 7/16	2 1/4	2 1/4	6.20
26	4.418	5/8	D40B26	3 19/32	1 5/8	2 3/8	4.80	T40B26	3 19/32	2 1/4	2 3/8	6.80
30	5.057	1 1/16	D40B30	3 1/4	1 5/8	2 1/4	5.60	T40B30	3 1/4	2 1/4	2 1/4	8.00
35	5.856	1 1/16	D40B35	3 1/4	1 5/8	2 1/4	7.10	T40B35	3 1/4	2 1/4	2 1/4	10.50
36	6.015	1 5/16	D40B36	3 3/4	1 3/4	2 1/2	9.40	T40B36	3 3/4	2 3/8	2 1/2	12.20
40	6.653	1 5/16	D40B40	3 3/4	1 3/4	2 1/2	10.80					
45	7.450	1 5/16	D40B45	3 3/4	1 3/4	2 1/2	12.90					
48	7.928	1 5/16	D40B48	3 3/4	1 3/4	2 1/2	14.20					
54	8.884	1 5/16	D40B54	3 3/4	1 3/4	2 1/2	17.20					
60	9.840	1 5/16	D40B60	3 3/4	1 3/4	2 1/2	20.60					

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

▲ Has recessed groove in hub for chain clearance



TYPE B



TYPE B

## CHAIN TECHNICAL DATA

Size	40-2, 40-3
Pitch	1/2"
Inside Width	5/16"
Roller Diameter	.312"

# U.S. TSUBAKI STOCK SPROCKETS

## No. 40 1/2" Pitch — TAPER-LOCK®

Dimensions are in inches unless otherwise indicated.

Type B TAPER-LOCK®							
No. Teeth	Outside Diameter	Catalog Number	Bushing	Max. Bore	Hub Dia.	LTB	Wt. Lbs.
14	2.491	40BTL14	1008	1	1 <sup>15</sup> / <sub>16</sub> ▲	7/8	.30
15	2.652	40BTL15	1008	1	1 <sup>15</sup> / <sub>16</sub>	7/8	.40
16	2.814	40BTL16	1008	1	1 <sup>15</sup> / <sub>16</sub>	7/8	.50
17	2.975	40BTL17	1210	1 1/4	2 <sup>3</sup> / <sub>8</sub> ▲	1	.50
18	3.135	40BTL18	1210	1 1/4	2 <sup>15</sup> / <sub>32</sub> ▲	1	.60
19	3.296	40BTL19	1210	1 1/4	2 <sup>15</sup> / <sub>32</sub>	1	.70
20	3.457	40BTL20	1610	1 5/8	2 <sup>25</sup> / <sub>32</sub> ▲	1	.70
21	3.617	40BTL21	1610	1 5/8	2 <sup>25</sup> / <sub>32</sub>	1	.80
22	3.778	40BTL22	1610	1 5/8	2 <sup>25</sup> / <sub>32</sub>	1	.90
23	3.938	40BTL23	1610	1 5/8	3	1	1.00
24	4.098	40BTL24	1610	1 5/8	3/4	1	1.40
25	4.258	40BTL25	1610	1 5/8	3/4	1	1.50
26	4.418	40BTL26	1610	1 5/8	3/4	1	1.70
28	4.738	40BTL28	1610	1 5/8	3	1	1.80
30	5.057	40BTL30	1610	1 5/8	3	1	1.90
32	5.377	40BTL32	1610	1 5/8	3	1	1.90
35	5.855	40BTL35	1610	1 5/8	3	1	2.30
36	6.015	40BTL36	1610	1 5/8	3	1	2.40
40	6.653	40BTL40	1610	1 5/8	3	1	2.80
42	6.972	40BTL42	1610	1 5/8	3	1	2.90
45	7.451	40BTL45	1610	1 5/8	3	1	3.50
48	7.928	40BTL48	1610	1 5/8	3	1	4.00
54	8.885	40BTL54	1610	1 5/8	3	1	4.90
60	9.841	40BTL60	1610	1 5/8	3	1	6.00
70	11.434	40BTL70	2012	2	3 <sup>5</sup> / <sub>8</sub>	1 1/4	8.20
72	11.752	40BTL72	2012	2	3 <sup>5</sup> / <sub>8</sub>	1 1/4	9.00
80	13.026	40BTL80	2012	2	3 <sup>5</sup> / <sub>8</sub>	1 1/4	10.80
84	13.663	40BTL84	2012	2	3 <sup>5</sup> / <sub>8</sub>	1 1/4	11.30
96	15.573	40BTL96	2012	2	3 <sup>5</sup> / <sub>8</sub>	1 1/4	14.60
112	18.122	40BTL112	2517	2 1/2	4 1/4	1 3/4	20.50

▲Has recessed groove in hub for chain clearance  
 Note: Consult U.S. Tsubaki for availability of No. 41 TAPER-LOCK Sprockets.

TAPER-LOCK® is a registered trademark of Rockwell Automation.

### CHAIN TECHNICAL DATA

Size	40
Pitch	1/2"
Inside Width	5/16"
Roller Diameter	.312"



TYPE B

# No. 40 $\frac{1}{2}$ " Pitch — TAPER-LOCK®

Dimensions are in inches unless otherwise indicated.

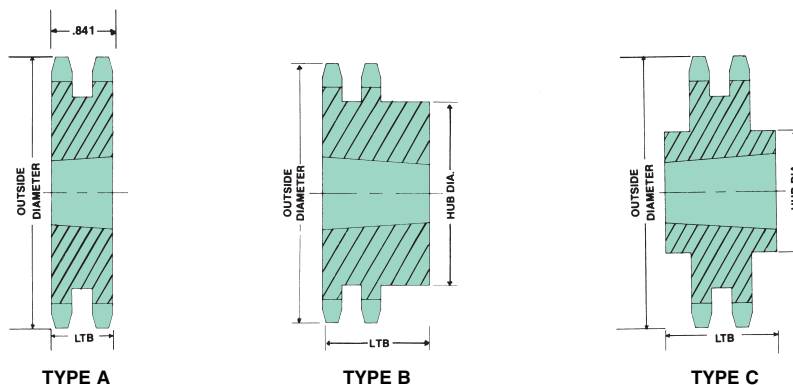
Double TAPER-LOCK®							
No. Teeth	Outside Diameter	Catalog Number	Bushing	Max. Bore	Hub Dia.	LTB	Wt. Lbs.
15	2.652	D40ATL15	1008	1	1 <sup>17</sup> / <sub>64</sub>	7/8	.50
16	2.814	D40ATL16	1008	1	1 <sup>17</sup> / <sub>64</sub>	7/8	.60
17	2.975	D40ATL17	1008	1	1 <sup>17</sup> / <sub>64</sub>	7/8	.80
18	3.135	D40BTL18	1210	1¼	2 <sup>5</sup> / <sub>16</sub>	1	.70
19	3.296	D40BTL19	1210	1¼	2½	1	.90
20	3.457	D40BTL20	1610	1½	2 <sup>5</sup> / <sub>8</sub>	1	.70
21	3.617	D40BTL21	1610	1½	2¾	1	.90
23	3.938	D40BTL23	1610	1½	3	1	1.30
25	4.258	D40BTL25	2012	2	3 <sup>13</sup> / <sub>32</sub>	1¼	1.70
30	5.057	D40BTL30	2012	2	4 <sup>15</sup> / <sub>64</sub>	1¼	3.40
36	6.015	D40BTL36	2012	2	5 <sup>5</sup> / <sub>32</sub>	1¼	6.00
42	6.972	D40CTL42	2517	2½	4¼	1¾	7.00
48	7.928	D40CTL48	2517	2½	4¼	1¾	9.60

Dimensions are in inches unless otherwise indicated.

TAPER-LOCK® Bushings		
Bushing	Bore Range	Wt. Lbs.
1008	½ — 1	.20
1210	½ — 1¼	.50
1610	½ — 1½	.70
2012	½ — 2	1.40
2517	½ — 2½	3.20

Refer to page C-66 for bushing specifications

TAPER-LOCK® is a registered trademark of Rockwell Automation.



## CHAIN TECHNICAL DATA

Size	40
Pitch	½"
Inside Width	5/16"
Roller Diameter	.312"

# U.S. TSUBAKI STOCK SPROCKETS

## No. 40 1/2" Pitch — QD®

Dimensions are in inches unless otherwise indicated.

40 QD® 1/2" Pitch												
No. Teeth	Outside Diameter	Catalog Number	Bushing	Max. Bore	Type	Hub Dia.	LTB	X	Y	L	F	Wt. Lbs.
15	2.652	40JA15	JA	1 1/4	B	2 1/16	9/16	1	1	19/32	2	.30
16	2.814	40JA16	JA	1 1/4	B	2 1/16	9/16	1	1	19/32	2	.40
17	2.974	40JA17	JA	1 1/4	B	2 3/16	9/16	1	1	19/32	2	.50
18	3.136	40JA18	JA	1 1/4	B	2 1/4	9/16	1	1	19/32	2	.50
19	3.292	40JA19	JA	1 1/4	B	2 1/4	9/16	1	1	19/32	2	.60
20	3.457	40SH20	SH	1 11/16	B	2 3/4	13/16	1 3/8	1 3/8	29/32	2 11/16	.60
21	3.618	40SH21	SH	1 11/16	B	2 3/4	13/16	1 3/8	1 3/8	29/32	2 11/16	.80
22	3.778	40SH22	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.10
23	3.938	40SH23	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.10
24	4.098	40SH24	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.20
25	4.258	40SH25	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.30
26	4.418	40SH26	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.40
27	4.578	40SH27	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.50
28	4.738	40SH28	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.60
30	5.057	40SH30	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.70
32	5.376	40SH32	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	1.90
35	5.856	40SH35	SH	1 11/16	B	3	13/16	1 3/8	1 3/8	29/32	2 11/16	2.20
36	6.015	40SDS36	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	2.30
40	6.653	40SDS40	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	2.80
42	6.972	40SDS42	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	3.00
45	7.450	40SDS45	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	3.40
48	7.928	40SDS48	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	3.90
54	8.884	40SDS54	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	4.70
60	9.840	40SDS60	SDS	2	B	3 1/2	3/4	1 7/16	1 7/16	31/32	3 3/16	5.80
70	11.433	40SK70	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	9.00
72	11.752	40SK72	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	9.10
80	13.026	40SK80	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	11.10
84	13.663	40SK84	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	11.60
96	15.573	40SK96	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	15.30
112	18.121	40SK112	SK	2 5/8	B	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	19.50

QD® is a registered trademark of and is used under license from Emerson Power Transmission Manufacturing, L.P.

Note: Consult U.S. Tsubaki for availability of No. 41 QD Sprockets.

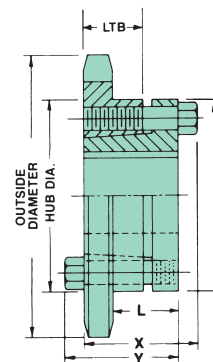
Dimensions are in inches unless otherwise indicated.

QD® Bushings				
Bushing	Bore Range		No Keyway	Wt. Lbs.
	Standard Keyway	Shallow Keyway		
JA	1/2 — 1	1/16 — 1 3/16	1 1/4	.80
SH	1/2 — 1 3/8	7/16 — 1 5/8	1 11/16	.70
SDS	1/2 — 1 11/16	3/4 — 1 15/16	2	1.00
SK	1/2 — 2 1/8	2 3/16 — 2 1/2	2 9/16 — 2 5/8	2.10

Refer to page C-69 for bushing specifications

### CHAIN TECHNICAL DATA

Size	40
Pitch	1/2"
Inside Width	5/16"
Roller Diameter	.312"



TYPE B