

U.S. TSUBAKI STOCK SPROCKETS

No. 140 1 3/4" Pitch — Plain Bore

Dimensions are in inches unless otherwise indicated.

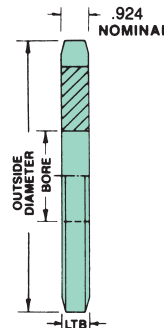
Sprocket Diameters 1 3/4" Pitch				Type A			Type B, Type C					
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalog Number	Plain Bore	Wt. Lbs.	Catalog Number	Plain Bore	†Max. Bore	*Hub Dia.	LTB	Wt. Lbs.
11	7.011	6.213	5.148	140A11	1 3/8	6.60	140B11	1 3/8	2 3/4	4 1/4	2 1/4	10.70
12	7.581	6.762	5.762	140A12	1 3/8	7.80	140B12	1 3/8	3	4 1/2	2 1/4	13.30
13	8.150	7.313	6.259	140A13	1 3/8	9.50	140B13	1 3/8	3 3/4	5 1/4	2 3/8	17.90
14	8.717	7.865	6.865	140A14	1 3/8	10.80	140B14	1 3/8	3 3/4	5 1/4	2 3/8	18.90
15	9.282	8.418	7.371	140A15	1 3/8	12.60	140B15	1 3/8	4 1/4	6 1/4	2 1/2	25.80
16	9.847	8.971	7.971	140A16	1 3/8	14.40	140B16	1 3/8	4 1/4	6 1/4	2 1/2	27.60
17	10.411	9.524	8.483	140A17	1 3/8	16.60	140B17	1 3/8	4 1/4	6 1/4	2 1/2	29.80
18	10.974	10.078	9.078	140A18	1 3/8	18.20	140B18	1 3/8	4 1/4	6 1/4	2 1/2	32.30
19	11.538	10.633	9.596	140A19	1 3/8	20.60	140B19	1 3/8	4 1/4	6 1/4	2 1/2	34.20
20	12.100	11.186	10.186	140A20	1 3/8	23.20	140B20	1 3/8	4 1/4	6 1/4	2 1/2	36.50
21	12.661	11.743	10.709	140A21	1 3/8	25.90	140B21	1 3/8	4 1/4	6 1/4	2 1/2	38.70
22	13.221	12.297	11.297	140A22	1 3/8	28.00	140B22	1 3/8	4 1/4	6 1/4	2 1/2	41.10
23	13.783	12.852	11.822	140A23	1 3/8	31.20	140B23	1 3/8	4 1/4	6 1/4	2 1/2	44.30
24	14.343	13.407	12.407	140A24	1 3/8	33.50	140B24	1 3/8	4 1/4	6 1/4	2 1/2	47.80
25	14.903	13.963	12.935	140A25	1 3/8	37.10	140B25	1 3/8	4 1/4	6 1/4	2 1/2	49.80
26	15.463	14.518	13.518	140A26	1 3/8	38.90	140B26	1 3/8	4 1/4	6 1/4	3	55.70
28	16.581	15.629	14.629	140A28	1 3/8	46.20	140B28	1 3/8	4 1/4	6 1/4	3	62.70
30	17.700	16.742	15.742	140A30	1 3/8	53.50	140B30	1 3/8	4 1/4	6 1/4	3	70.00
32	18.818	17.854	16.854	140A32	1 3/8	59.20	140B32	1 3/8	4 1/4	6 1/4	3	79.00
35	20.494	19.523	18.503	140A35	1 3/8	71.00	140C35	1 3/8	5 1/4	7	4	109.00
36	21.053	20.080	19.080	140A36	1 3/8	76.00	140C36	1 3/8	5 1/4	7	4	115.00
40	23.286	22.306	21.306	140A40	1 3/8	95.00	140C40	1 3/8	5 1/4	7	4	133.00
45	26.077	25.088	24.072	140A45	1 3/8	122.00						
48	27.750	26.758	25.758	140A48	1 3/8	138.00						
54	31.096	30.097	29.097	140A54	1 3/8	181.00						
60	34.442	33.437	32.437	140A60	1 3/8	216.00						
70	40.017	39.006	38.006	140A70	1 3/8	290.00						
80	45.591	44.574	43.574	140A80	1 3/8	399.00						

SEE CURRENT DISCOUNT SHEET FOR ALTERATION CHARGES

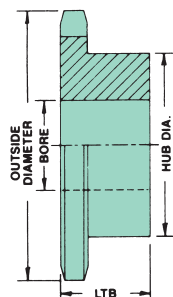
† Dimensions shown allow for standard keyway with set screw at 90°
 * Hub diameter may vary to suit bore sizes

C - SPROCKETS

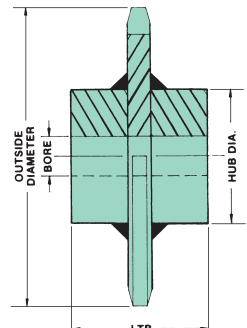
CHAIN TECHNICAL DATA	
Size	140
Pitch	1 3/4"
Inside Width	1"
Roller Diameter	1.000"



TYPE A



TYPE B



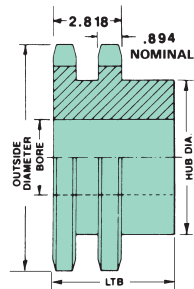
TYPE C

No. 140 1 3/4" Pitch — Multiple Strand

Dimensions are in inches unless otherwise indicated.

Basic Sprocket Dimensions			140-2 Double Strand				
No. Teeth	Outside Diameter	Plain Bore	Catalog Number	Hub Dia.	LTB	†Max. Bore	Wt. Lbs.
13	8.150	1 1/2	D140B13	5 5/16	3 3/4	3 1/2	28.80
14	8.717	1 1/2	D140B14	5 7/8	3 3/4	4	34.70
15	9.282	1 1/2	D140B15	6 1/4	3 3/4	4 1/4	40.50
16	9.847	1 1/2	D140B16	6 1/4	4	4 1/4	47.90
17	10.411	1 1/2	D140B17	6 1/4	4	4 1/4	52.50
18	10.974	1 5/8	D140B18	7	4	4 3/4	60.80
19	11.538	1 5/8	D140B19	7	4	4 3/4	67.20
20	12.100	1 5/8	D140B20	7	4	4 3/4	74.00
21	12.661	1 5/8	D140B21	7	4	4 3/4	81.30
22	13.221	1 5/8	D140B22	7	4	4 3/4	93.70
23	13.783	1 5/8	D140B23	7	4	4 3/4	100.60
24	14.343	1 5/8	D140B24	7	4	4 3/4	105.10
25	14.903	1 5/8	D140B25	7	4	4 3/4	120.90
26	15.463	1 5/8	D140B26	7	4	4 3/4	127.10
30	17.700	1 5/8	D140B30	7	4	4 3/4	163.50

SEE CURRENT DISCOUNT SHEET FOR ALTERATION CHARGES
 † Dimensions shown allow for standard keyway with set screw at 90°



TYPE B

CHAIN TECHNICAL DATA

Size	140-2
Pitch	1 3/4"
Inside Width	1"
Roller Diameter	1.000"

U.S. TSUBAKI STOCK SPROCKETS

No. 140 1 3/4" 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.
35	20.494	140CTL35	3535	3 ¹⁵ / ₁₆	6 ¹ / ₂	3 ¹ / ₂	78.00
36	21.053	140CTL36	3535	3 ¹⁵ / ₁₆	6 ¹ / ₂	3 ¹ / ₂	83.00
45	26.076	140CTL45	4040	4 ⁷ / ₁₆	7 ³ / ₄	4	118.00
60	34.442	140CTL60	4040	4 ⁷ / ₁₆	7 ³ / ₄	4	188.00
70	40.017	140CTL70	4040	4 ⁷ / ₁₆	7 ³ / ₄	4	241.00

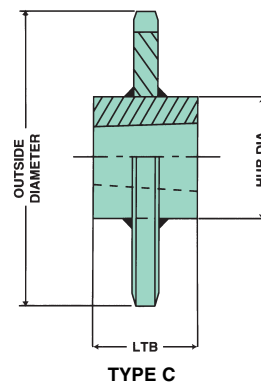
Dimensions are in inches unless otherwise indicated.

TAPER-LOCK® Bushings			
Bushing	Bore Range		Wt. Lbs.
3535	1 ³ / ₁₆	— 3 ¹⁵ / ₁₆	11.00
4040	2 ³ / ₁₆	— 4 ⁷ / ₁₆	17.00

Refer to page C-66 for bushing specifications
TAPER-LOCK® is a registered trademark of Rockwell Automation.

CHAIN TECHNICAL DATA

Size	140
Pitch	1 3/4"
Inside Width	1"
Roller Diameter	1.000"



No. 140 1 3/4" Pitch – QD®

Dimensions are in inches unless otherwise indicated.

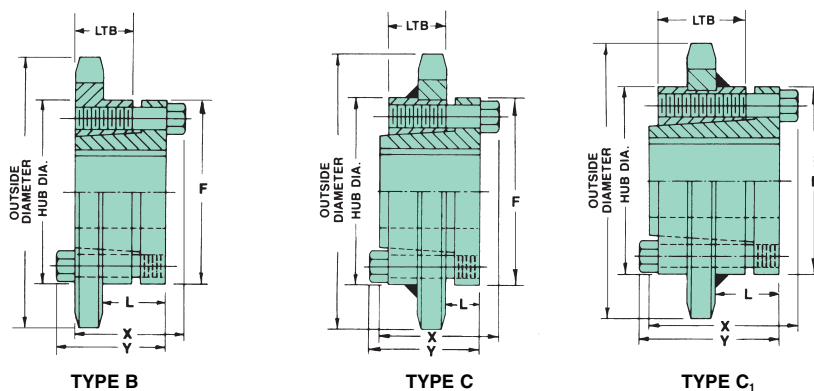
140 QD® 1 3/4" Pitch												
No. Teeth	Outside Diameter	Catalog Number	Bushing	Max. Bore	Type	Hub Dia.	LTB	X	Y	L	F	Wt. Lbs.
11	7.011	140SF11	SF	2 ¹⁵ / ₁₆	B	4 ⁷ / ₁₆	1 1/4	2 ³ / ₁₆	2 ³ / ₁₆	1 1/64	4 ⁵ / ₈	5.50
12	7.581	140SF12	SF	2 ¹⁵ / ₁₆	B	4 ⁷ / ₈	1 1/4	2 ³ / ₁₆	2 ³ / ₁₆	1 1/64	4 ⁵ / ₈	7.20
13	8.150	140SF13	SF	2 ¹⁵ / ₁₆	B	5	1 1/4	2 ³ / ₁₆	2 ³ / ₁₆	1 1/64	4 ⁵ / ₈	8.90
14	8.717	140E14	E	3 1/2	B	6 1/8	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	11.60
15	9.282	140E15	E	3 1/2	B	6 1/8	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	13.40
16	9.847	140E16	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	15.50
17	10.411	140E17	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	17.50
18	10.974	140E18	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	20.30
19	11.538	140E19	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	21.00
20	12.100	140E20	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	24.40
21	12.661	140E21	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	27.20
22	13.221	140E22	E	3 1/2	B	6 1/4	1 5/8	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	29.40
23	13.783	140F23	F	4	B	7	2 1/2	3 ⁵ / ₈	4	2 ⁹ / ₁₆	6 ⁵ / ₈	36.90
24	14.343	140F24	F	4	B	7	2 1/2	3 ⁵ / ₈	4	2 ⁹ / ₁₆	6 ⁵ / ₈	41.10
25	14.903	140F25	F	4	B	7	2 1/2	3 ⁵ / ₈	4	2 ⁹ / ₁₆	6 ⁵ / ₈	42.60
26	15.463	140F26	F	4	B	7	2 1/2	3 ⁵ / ₈	4	2 ⁹ / ₁₆	6 ⁵ / ₈	46.70
30	17.700	140F30	F	4	B	7	2 1/2	3 ⁵ / ₈	4	2 ⁹ / ₁₆	6 ⁵ / ₈	50.60
35	20.494	140F35	F	4	C	7	2 1/2	3 ⁵ / ₈	4	1	6 ⁵ / ₈	75.00
36	21.053	140F36	F	4	C	7	2 1/2	3 ⁵ / ₈	4	1	6 ⁵ / ₈	79.00
40	23.286	140J40	J	4 1/2	C	8	3 ³ / ₁₆	4 1/2	5	1 ³ / ₁₆	7 1/4	105.00
45	26.077	140J45	J	4 1/2	C	8	3 ³ / ₁₆	4 1/2	5	1 ³ / ₁₆	7 1/4	140.10
48	27.750	140J48	J	4 1/2	C	8	3 ³ / ₁₆	4 1/2	5	1 ³ / ₁₆	7 1/4	148.00
54	31.096	140J54	J	4 1/2	C	8	3 ³ / ₁₆	4 1/2	5	1 ³ / ₁₆	7 1/4	178.00
60	34.442	140J60	J	4 1/2	C	8	3 ³ / ₁₆	4 1/2	5	1 ³ / ₁₆	7 1/4	234.00
70	40.017	140M70	M	5 1/2	C ₁	10	5 ³ / ₁₆	6 ³ / ₄	6 ³ / ₄	2 ²⁹ / ₃₂	9	239.00
80	45.591	140M80	M	5 1/2	C ₁	10	5 ³ / ₁₆	6 ³ / ₄	6 ³ / ₄	2 ²⁹ / ₃₂	9	432.00

Dimensions are in inches unless otherwise indicated.

QD® Bushings				
Bushing	Bore Range		No Keyway	Wt. Lbs.
	Standard Keyway	Shallow Keyway		
SF	1/2 — 2 1/4	2 ⁵ / ₁₆ — 2 ³ / ₄	2 ¹³ / ₁₆ — 2 ¹⁵ / ₁₆	3.10
E	7/8 — 2 3/4	2 ¹³ / ₁₆ — 3 ⁷ / ₁₆	3 1/2	7.10
F	1 — 3 1/4	3 ⁵ / ₁₆ — 3 ¹⁵ / ₁₆	4	8.70
J	1 1/16 — 3 3/4	3 ¹³ / ₁₆ — 4 1/2	—	16.80
M	2 — 4 3/4	4 ⁷ / ₈ — 5 1/2	—	56.00

Refer to page C-69 for bushing specifications

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



CHAIN TECHNICAL DATA	
Size	140
Pitch	1 3/4"
Inside Width	1"
Roller Diameter	1.000"