

U.S. TSUBAKI STOCK SPROCKETS

No. 160 2" Pitch — Plain Bore

Dimensions are in inches unless otherwise indicated.

Sprocket Diameters				Type A			Type B					
No. Teeth	Outside Diameter	2" Pitch		Catalog Number	Plain Bore	Wt. Lbs.	Catalog Number	Plain Bore	†Max. Bore	★Hub Dia.	LTB	Wt. Lbs.
		Pitch Diameter	Caliper Diameter									
8	6.028	5.226	4.101	160A8	1 $\frac{3}{8}$	5.60	160B8	1 $\frac{3}{8}$	1 $\frac{7}{8}$	2 $\frac{13}{16}$	2 $\frac{1}{4}$	6.90
9	6.696	5.848	4.635	160A9	1 $\frac{3}{8}$	7.50	160B9	1 $\frac{3}{8}$	2 $\frac{3}{8}$	3 $\frac{3}{8}$	2 $\frac{1}{4}$	9.90
10	7.356	6.472	5.347	160A10	1 $\frac{3}{8}$	10.10	160B10	1 $\frac{3}{8}$	2 $\frac{3}{4}$	4	2 $\frac{1}{4}$	12.50
11	8.012	7.100	5.902	160A11	1 $\frac{3}{8}$	11.20	160B11	1 $\frac{3}{8}$	3 $\frac{1}{4}$	4 $\frac{3}{4}$	2 $\frac{1}{2}$	17.70
12	8.664	7.728	6.603	160A12	1 $\frac{3}{8}$	13.50	160B12	1 $\frac{3}{8}$	3 $\frac{1}{4}$	5 $\frac{1}{4}$	2 $\frac{5}{8}$	22.00
13	9.314	8.358	7.171	160A13	1 $\frac{3}{8}$	15.90	160B13	1 $\frac{3}{8}$	4	6	2 $\frac{3}{4}$	27.90
14	9.962	8.988	7.863	160A14	1 $\frac{3}{8}$	18.50	160B14	1 $\frac{3}{8}$	4 $\frac{1}{4}$	6 $\frac{1}{4}$	2 $\frac{3}{4}$	31.70
15	10.608	9.620	8.442	160A15	1 $\frac{3}{8}$	21.70	160B15	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	38.60
16	11.254	10.252	9.127	160A16	1 $\frac{3}{8}$	24.80	160B16	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	42.00
17	11.898	10.844	9.713	160A17	1 $\frac{3}{8}$	27.80	160B17	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	45.00
18	12.542	11.518	10.393	160A18	1 $\frac{3}{8}$	31.30	160B18	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	48.50
19	13.186	12.152	10.985	160A19	1 $\frac{3}{8}$	35.20	160B19	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	52.70
20	13.828	12.784	11.659	160A20	1 $\frac{3}{8}$	39.00	160B20	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	55.50
21	14.470	13.420	12.256	160A21	1 $\frac{3}{8}$	43.30	160B21	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	58.50
22	15.110	14.054	12.929	160A22	1 $\frac{3}{8}$	47.70	160B22	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	64.60
23	15.752	14.688	13.529	160A23	1 $\frac{3}{8}$	51.50	160B23	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	2 $\frac{3}{4}$	70.00
24	16.392	15.322	14.197	160A24	1 $\frac{3}{8}$	56.00	160B24	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	75.00
25	17.032	15.958	14.801	160A25	1 $\frac{3}{8}$	61.70	160B25	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	81.00
26	17.672	16.592	15.467	160A26	1 $\frac{3}{8}$	66.60	160B26	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	87.00
27	18.312	17.228	16.073	160A27	1 $\frac{3}{8}$	72.00	160B27	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	90.00
28	18.950	17.862	16.737	160A28	1 $\frac{3}{8}$	80.00	160B28	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	98.00
30	20.228	19.134	18.009	160A30	1 $\frac{3}{8}$	87.00	160B30	1 $\frac{3}{8}$	5 $\frac{1}{4}$	7	3	112.00
35	23.422	22.312	21.164	160A35	1 $\frac{3}{8}$	124.00						
36	24.060	22.948	21.823	160A36	1 $\frac{3}{8}$	134.00						
40	26.612	25.492	24.367	160A40	1 $\frac{3}{8}$	161.00						
45	29.802	28.672	27.529	160A45	1 $\frac{3}{8}$	204.00						
48	31.714	30.580	29.455	160A48	1 $\frac{3}{8}$	233.00						
54	35.538	34.396	33.271	160A54	1 $\frac{3}{8}$	291.00						
60	39.362	38.214	37.089	160A60	1 $\frac{3}{8}$	361.00						
70	45.734	44.578	43.453	160A70	1 $\frac{3}{8}$	497.00						
80	52.104	50.942	49.817	160A80	1 $\frac{3}{8}$	643.00						

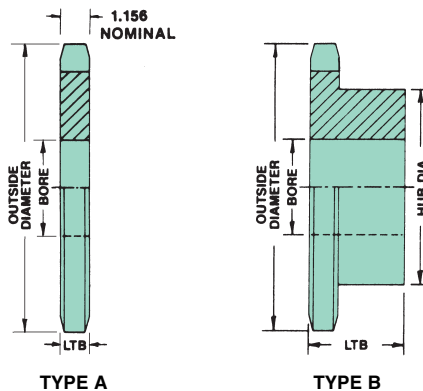
SEE CURRENT DISCOUNT SHEET FOR ALTERATION CHARGES

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

★ Hub diameter may vary to suit bore sizes

CHAIN TECHNICAL DATA

Size	160
Pitch	2"
Inside Width	1 $\frac{1}{4}$ "
Roller Diameter	1.125"

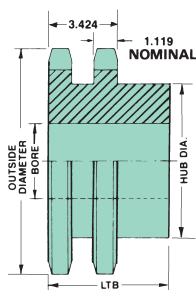


No. 160 2" Pitch – Multiple Strand

Dimensions are in inches unless otherwise indicated.

Basic Sprocket Dimensions			160-2 Double Strand				
No. Teeth	Outside Diameter	Plain Bore	Catalog Number	Hub Dia.	LTB	†Max. Bore	Wt. Lbs.
13	9.314	2	D160B13	5¼	4¾	3½	43.00
14	9.962	2	D160B14	5¼	4¾	3½	50.10
15	10.608	2	D160B15	5¼	4¾	3½	57.90
16	11.254	2	D160B16	7	4¾	4¾	72.60
17	11.898	2	D160B17	7	4¾	4¾	81.60
18	12.542	2	D160B18	7	4¾	4¾	91.20
19	13.186	2	D160B19	7	4¾	4¾	101.50
20	13.828	2	D160B20	7	4¾	4¾	112.30
21	14.470	2	D160B21	7½	5	5	128.90
22	15.110	2	D160B22	7½	5	5	141.00
23	15.752	2	D160B23	7½	5	5	154.10
24	16.392	2	D160B24	7½	5	5	167.00
25	17.032	2	D160B25	7½	5	5	181.00
26	17.672	2	D160B26	7½	5	5	196.60
30	20.228	2	D160B30	7½	5	5	260.10

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



TYPE B

CHAIN TECHNICAL DATA

Size	160-2
Pitch	2"
Inside Width	1¼"
Roller Diameter	1.125"

U.S. TSUBAKI STOCK SPROCKETS

No. 160 2" Pitch — QD®

Dimensions are in inches unless otherwise indicated.

160 QD® 2" Pitch												
No. Teeth	Outside Diameter	Catalog Number	Bushing	Max. Bore	Type	Hub Dia.	LTB	X	Y	L	F	Wt. Lbs.
12	8.664	160E12	E	3½	B ₁	5½ ¹ / ₁₆	1½	2⅝	2 ¹⁵ / ₁₆	1 ⁵ / ₁₆	6	11.20
13	9.314	160E13	E	3½	B ₁	6¼	1½	2⅝	2 ¹⁵ / ₁₆	1 ⁵ / ₁₆	6	14.20
14	9.962	160E14	E	3½	B ₁	6¼	1½	2⅝	2 ¹⁵ / ₁₆	1 ⁵ / ₁₆	6	17.40
15	10.608	160F15	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	24.70
16	11.254	160F16	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	29.00
17	11.898	160F17	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	30.70
18	12.542	160F18	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	33.80
19	13.186	160F19	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	37.90
20	13.828	160F20	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	43.00
21	14.470	160F21	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	45.90
22	15.110	160F22	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	51.10
23	15.752	160F23	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	54.80
24	16.392	160F24	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	60.40
25	17.032	160F25	F	4	B ₁	7	2½	3⅝	4	2 ⁵ / ₁₆	6⅝	64.60
26	17.672	160J26	J	4½	C	8	3⅜ ₁₆	4½	5	1 ³ / ₁₆	7¼	77.00
28	18.950	160J28	J	4½	C	8	3⅜ ₁₆	4½	5	1 ³ / ₁₆	7¼	86.00
30	20.228	160J30	J	4½	C	8	3⅜ ₁₆	4½	5	1 ³ / ₁₆	7¼	110.00
35	23.422	160J35	J	4½	C	8	3⅜ ₁₆	4½	5	1 ³ / ₁₆	7¼	131.00
40	26.612	160M40	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	196.00
45	29.802	160M45	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	237.00
54	35.538	160M54	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	325.00
60	39.362	160M60	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	378.00
70	45.734	160M70	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	505.00
80	52.104	160M80	M	5½	C ₁	10	5⅜ ₁₆	6¾	6¾	2 ¹¹ / ₁₆	9	671.00

Dimensions are in inches unless otherwise indicated.

QD® Bushings				
Bushing	Bore Range		No Keyway	Wt. Lbs.
	Standard Keyway	Shallow Keyway		
E	7/8 — 2¾	2 ¹³ / ₁₆ — 3 ⁷ / ₁₆	3½	7.10
F	1 — 3¼	3 ⁵ / ₁₆ — 3 ¹⁵ / ₁₆	4	8.70
J	1 ⁷ / ₁₆ — 3¾	3 ¹³ / ₁₆ — 4½	—	16.80
M	2 — 4¾	4 ⁷ / ₈ — 5½	—	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	160
Pitch	2"
Inside Width	1¼"
Roller Diameter	1.125"

