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Our Capabilities

- Made to Order capabilities, specializing in Roller Chain and Engineering Class sprockets.
- Short lead times.
- Expedited Same Day / Next Day shipping for breakdowns.
- Over 25 years of manufacturing experience.
- ISO Certified.
- Heat treating: Induction, flame, carburizing/case hardening, etc.
- CNC machining for special machined tooth profiles.
- Finishes including paint, powder coat, black oxide and plating.

Custom Products

- Solid, welded, and custom machined sprockets.
- Mounting, Lightening, and Safety Lockout holes.
- Split and Segmental Rim Sprockets.
- Mounting methods including straight bores, taper bushing styles, drum mountings, splines, Power-Locks and other keyless devices, and much more.



Triple Strand Roller Chain Sprocket
Machined solid web-style with mounting holes.



Triple Strand Roller Chain Sprocket with large finished
bore and custom split design.



Large Roller Chain Sprocket with Finished Bore
and with Lightening holes.

Materials and Coatings

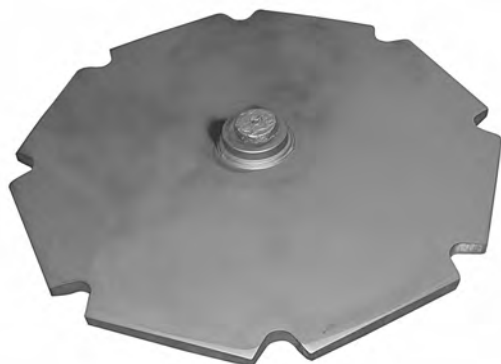
- On request, we can manufacture any sprocket from alloy steels, brass, bronze, plastics, and other materials.
- Coatings for anti-corrosion and anti-wear are available, including nickel, zinc, chrome, WP, Neptune and more.

Shipping Methods

- Special Shipping methods can be provided, such as custom crates and kits.

Engineering Class Sprocket Teeth Options

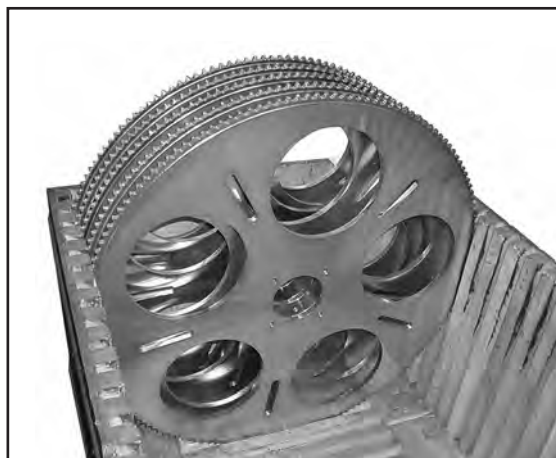
- All Engineering Class sprockets can be provided with “gap tooth” profiles in order to accommodate chain attachments.
- Tsubaki’s standard Engineering Class sprockets are manufactured with “Low Profile” teeth. The teeth are not higher than the chain sidebar height to allow for chain attachments. Special flat profile teeth can be designed to clear attachments on long pitch sprockets.
- “High Profile”, or “Long Tooth” sprockets are available on request. The sprocket teeth project out through the top of the chain.



Engineering Class Sprocket with Flat Sided Teeth



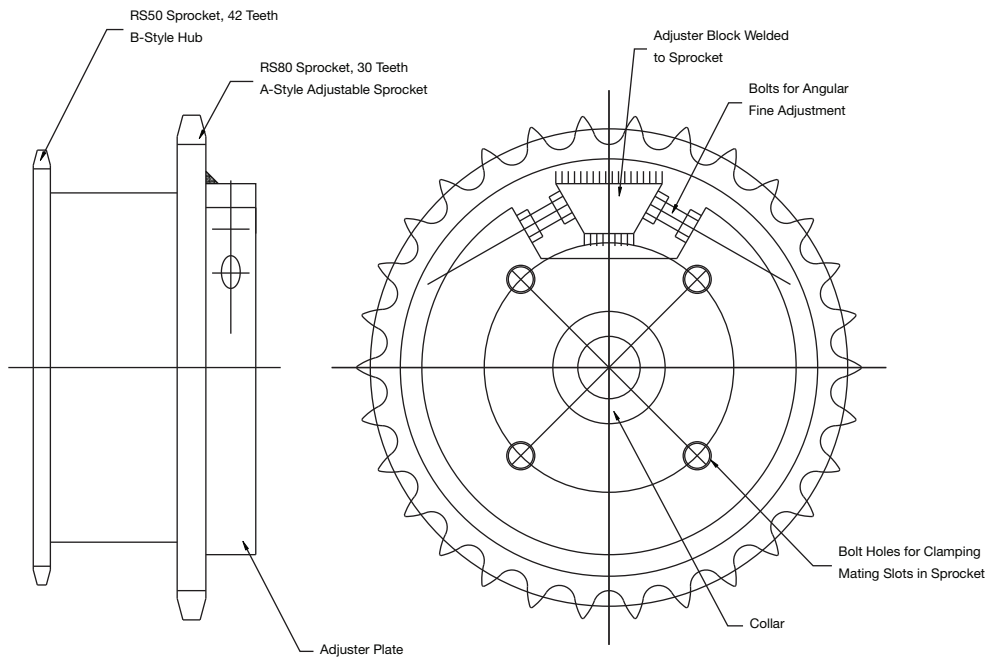
Large Engineering Class Sprocket
“Gap Tooth” for Chain Attachments.



Single Strand Roller Chain Sprocket
Yellow Zinc Dichromate Plated
LASER Cut Lightening and Safety Lockout Holes.

Engineering Class Traction Wheels

- The same bore mountings that can be put in sprockets are also available in Traction Wheels.
- Made to your specifications.



Custom Adjustable Roller Chain Sprocket Assembly



Custom Engineering Class Sprocket
Bolt-Together 2-piece Assembly.



Custom Engineering Class Sprocket Assembly
With Shrink Disc to Clamp Hub to Shaft.

Bore Options

Plain Bore and Finished Bore Sprockets

- Plain Bore Sprockets: Straight bore or straight bore with set screws.

Options:

- Inch and metric bore sizes.
- Set screws: Quantity, type, location and size.



Finished Bore Sprocket

- Finished Bore Sprockets: Straight bore with standard keyway and two (2) set screws.

Options:

- Inch and metric bore sizes.
- Non-standard keyways and setscrews.
- Non-standard set screw positions.
- Multiple Keyways and tapered keyways.
- Cup, Cone, or Dog point setscrews.



Bearing Idler Sprocket

Bore Options

Power-Locks and Spline Bore Sprockets (for high torque applications)

- Power-Lock Sprockets: Supplied with or to suit Tsubaki Power-Lock Keyless Locking System.

Options:

- Inch or Metric series Power-Locks.
- Self-centering Power-Locks.
- Spline Bore Sprockets:
- Made-To-Order: ANSI series and custom splines can be made-to-order for heavy-duty power transmission applications.



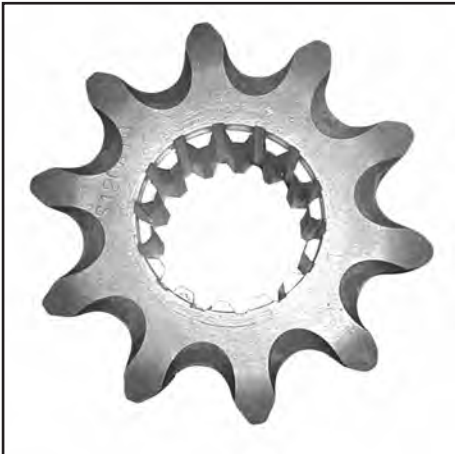
Power-Lock Sprocket

Bore Options

Custom Bores

Options:

- Tapered Bores.
- Square Bores.
- Hex Bores.
- Other custom combination bores.



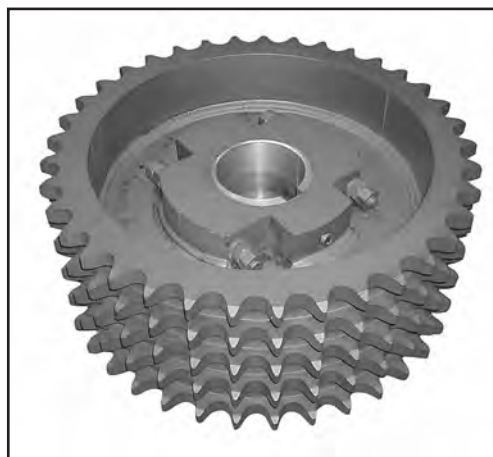
Spline Bore Drive Sprockets

Split Sprockets

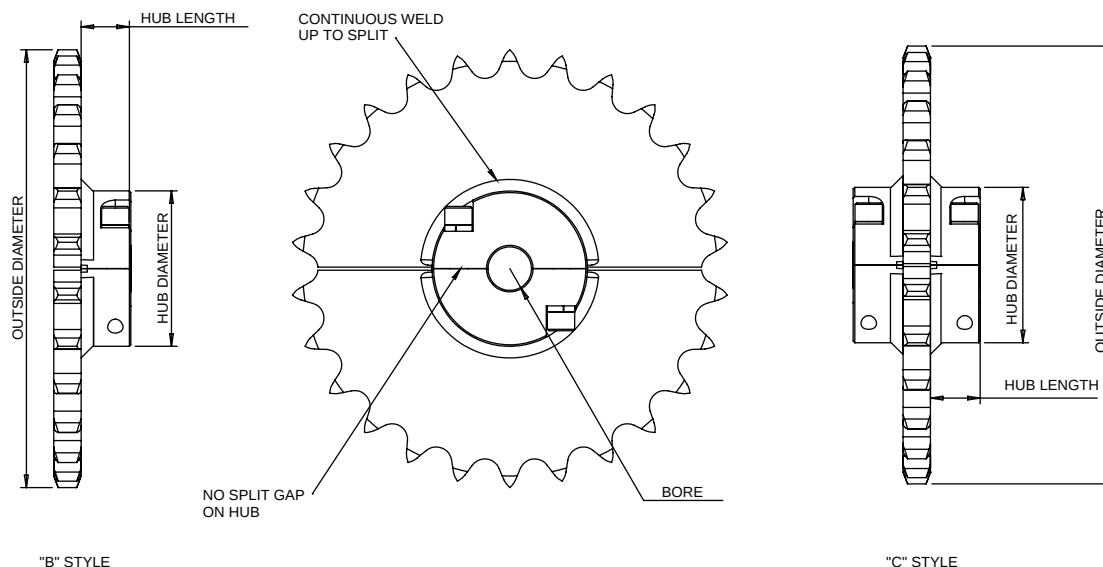
Split sprockets allow for easy maintenance of sprockets and machinery, since the sprocket can be removed from the shaft without having to disassemble everything around the sprocket.

Most Tsubaki sprockets can be supplied as A, B or C Style (hub combinations) split sprockets. Split A Style sprockets (without hubs) can be supplied with bolt holes or mounting brackets to attach to shafts or drums. B and C style (with one or two hubs) are supplied with Tsubaki standard split hubs, or custom MTO hubs.

Split sprockets that cannot be welded are made with oversized hubs to allow for the bolts that hold the sprocket together. Welded split sprockets are manufactured with Tsubaki standard S-Type Split Hubs, shown in Split Hub Size Table (on next page).



Split Sprockets (CONTINUED)



Split Hub Sizes

All dimensions in inches unless otherwise stated.

Hub Number	Bore	Hub Outside Diameter	Hub Length	Bolts	Weight Pounds
S-1B	3/4 - 1 1/2	3 1/8	1	3/8 x 1 1/2	1.80
S-2B	1 3/8 - 2 1/4	4 3/8	1 1/4	1/2 x 2	4.00
S-3B	2 - 3	6	1 3/8	5/8 x 2 1/2	8.40
S-4B	2 3/4 - 4	7 5/8	1 1/2	3/4 x 3 1/4	14.40
S-5B	3 3/4 - 5	9 1/4	2	1 x 4	27.70
S-6B	4 3/4 - 6	10 1/4	2 1/4	1 x 4 1/4	35.40
S-7B	5 3/4 - 7	12 1/2	2 1/2	1 x 5	64.00
S-8B	6 1/4 - 8	14 1/2	3	1 x 5 1/4	98.00

NOTE: Length through bore can be determined by adding plate thickness to hub length.

Sprocket Size (Minimum Number of Teeth) for Instant Hubs

Split Hub Number	Bore (Inches)	Chain Number									
		40	50	60	80	100	120	140	160	180	200
S-1B	3/4 - 1 1/2	28	23	20	16	-	-	-	-	-	-
S-2B	1 3/8 - 2 1/4	38	30	26	20	17	15	13	-	-	-
S-3B	2 - 3	46	37	32	25	21	18	16	14	13	-
S-4B	2 3/4 - 4		47	39	30	25	21	19	17	16	14
S-5B	3 3/4 - 5				36	30	25	22	20	18	17
S-6B	4 3/4 - 6					32	28	24	22	20	18
S-7B	5 3/4 - 7					38	33	28	25	23	21
S-8B	6 1/4 - 8						39	34	30	27	25

"C" style split sprockets require two split hubs.

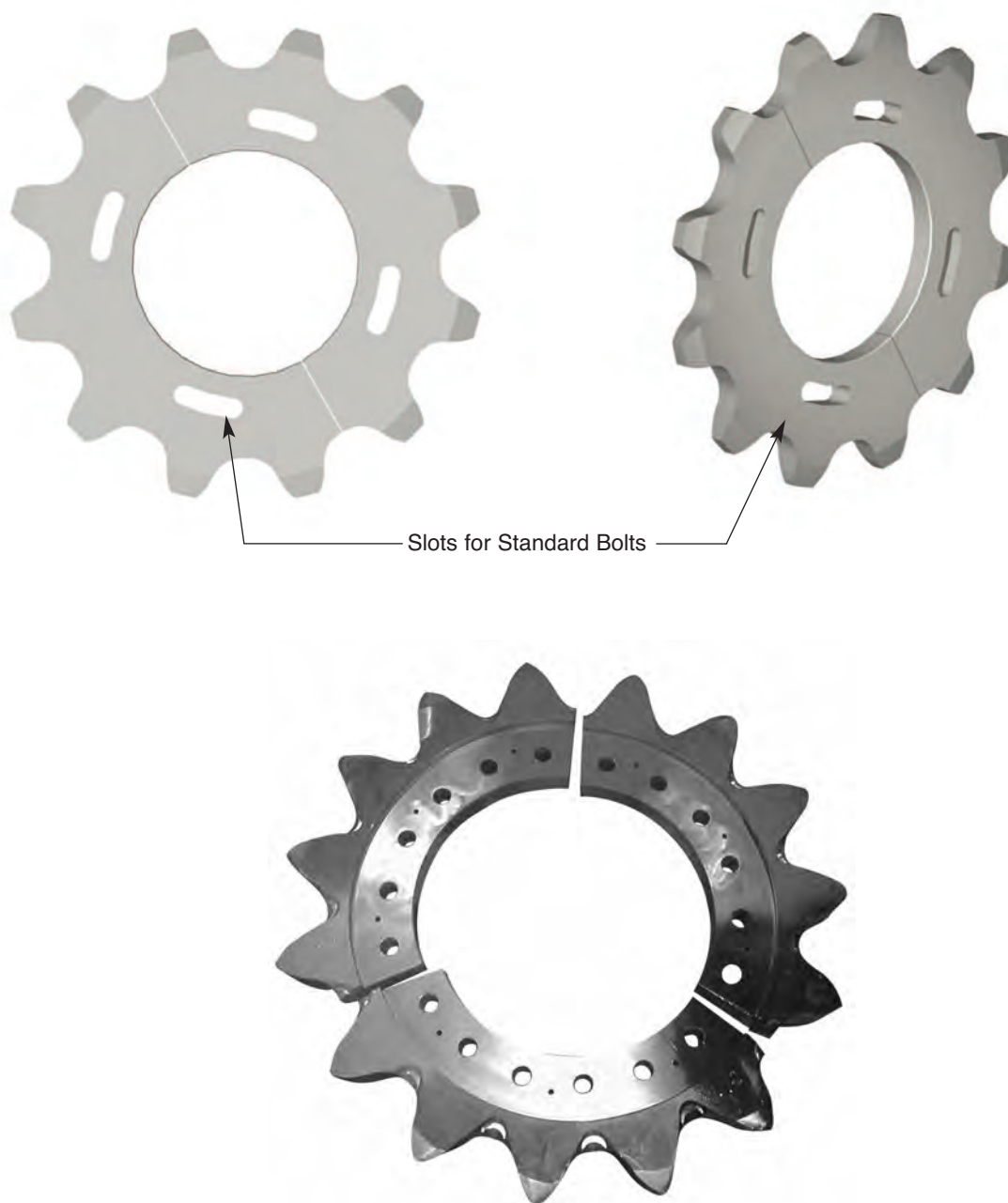
For safety, multi-strand sprockets should always be "C"-Style construction. During assembly, ensure that the gap between sprocket halves is uniform. Bolts should never be over-torqued at assembly. Previously torqued bolts should not be reused to prevent over-torquing. Modifications to hub dimensions or bolt sizes may result in a weaker sprocket that may not be suitable for the application.

Segmental Rim Sprockets

Segmental rim sprockets and traction wheels are split rings (two or more pieces) that generally fasten by bolting to a standard hub body. Segmental rims are usually applied when ease of replacement is desired because the chain, shaft, and bearings do not have to be disturbed during sprocket replacement. When downtime is critical in an operation, consider segmental rim sprockets and traction wheels. Adjustable rim sprockets are also available from Tsubaki. The adjustability of these sprockets allows for precise alignment of multiple sprockets along a shaft.

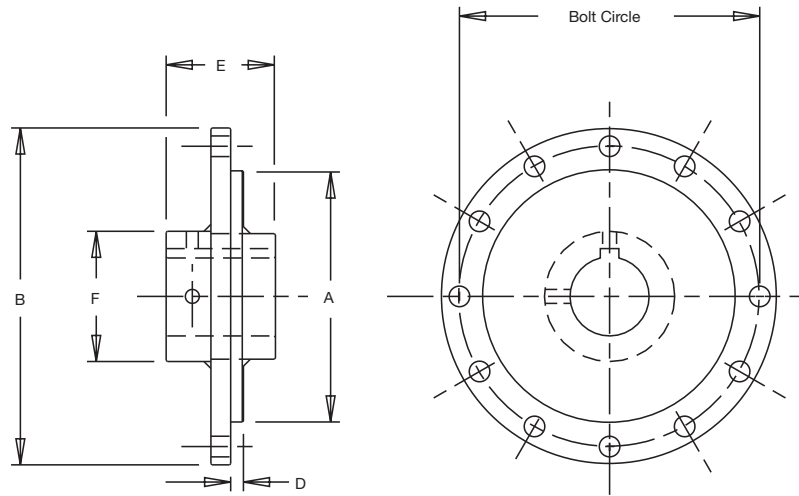
Segmental rims are made of special steel plate material and may be heat treated (option) to high hardness levels to achieve long service life. Hardened teeth resist abrasive wear common in operation. Consult Tsubaki Technical Support when material being conveyed is cement, ash, or other high MOH hardness material. Special sprocket tooth hardness is necessary to resist wear from such hard abrasdants.

Adjustable Segmental Rim Sprockets

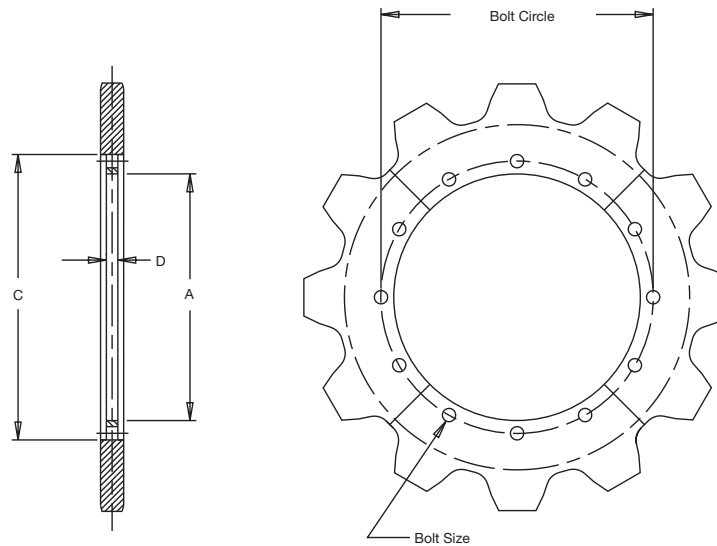


Segmental Rim Sprocket Specifications

Hub Body



Segmental Rim



All dimensions are in inches unless otherwise specified.

Hub Body ¹ Number	Bolt Circle Diameter	Bolt Size/ Quantity	Nominal A	B	C	D	Standard E	Standard F	Maximum Bore	Approx. Weight (lbs.)
10	10	.500/12	8.50	11.75	12.25	.625	6.00	7.0	4.44	78
12	12	.625/12	10.50	13.75	14.25	.750	6.25	8.0	5.44	115
16	16	.750/12	14.50	17.75	18.25	.750	6.50	9.0	5.94	175
20	20	.750/12	18.50	21.75	22.25	.875	7.75	11.0	7.00	325
25	25	1.000/12	23.00	27.75	28.25	1.000	9.00	13.0	9.00	570

¹Hub body number indicates bolt circle diameter and does not ensure interchangeability between manufacturers. Call Tsubaki for details.

Segmental Rim Sprockets

Traction Wheel Rims^{1, 2} (with nuts, bolts and washers)

All dimensions are in inches unless otherwise specified.

Chain Number	Outside Diameter	Equivalent ³ Sprocket Size (Teeth)	Use Hub Body Number	Face Width	Bolt Diameter	Maximum Bolt Torque (lbs./ft.)	Approximate Weight per Set (lbs.)
110	16.29	9	12	1.75	.63	180	46
	18.17	10	12	1.75	.63	180	77
	21.93	12	16	1.75	.75	320	93
	23.82	13	16	1.75	.75	320	134
	24.00	-	16	1.75	.75	320	137
	29.51	16	16	1.75	.75	320	212
4856 & 4857	17.67	10	12	2.75	.63	180	97
	20.00	-	12	2.75	.63	180	149
	21.43	12	16	2.75	.75	320	116
	22.00	-	16	2.75	.75	320	124
	23.32	13	16	2.75	.75	320	178
	24.00	-	16	2.75	.75	320	186
	26.00	-	20	2.75	.75	320	155
	27.11	15	20	2.75	.75	320	209
	28.00	-	20	2.75	.75	320	228
	29.01	16	20	2.75	.75	320	287
4859	20.81	12	16	3.25	.75	320	101
	22.70	13	16	3.25	.75	320	165
	24.00	-	16	3.25	.75	320	197
	26.00	-	20	3.25	.75	320	164
	26.48	15	20	3.25	.75	320	182
	28.38	16	20	3.25	.75	320	276
4864	30.28	17	20	3.25	.75	320	331
	24.67	12	16	3.25	.75	320	238
	26.00	-	20	3.25	.75	320	164
	26.88	13	20	3.25	.75	320	196
	30.00	-	20	3.25	.75	320	325
	31.29	15	20	3.25	.75	320	413
	33.51	16	20	3.25	.75	320	525
	35.72	17	25	3.25	.75	320	540

¹Caution: Do not use traction wheels where ambient conditions are potentially flammable.

²Avoid use of traction wheels where: A) heavy digging exists, B) conveyed material inhibits traction, C) conveyed material has heavy density.

³Many sizes listed above are equal to sprockets and would not effect elevator capacity when changing from sprocket to traction wheel.

Sprocket Rims (with nuts, bolts and washers)

All dimensions are in inches unless otherwise specified.

Chain Number	Number of Teeth	Pitch Diameter	Use Hub Body Number	Face Width	Bolt Diameter	Maximum Bolt Torque (lbs./ft.)	Approximate Weight per Set (lbs.)
110	9	17.543	12	1.75	.63	180	56
	10	19.416	12	1.75	.63	180	83
	12	23.182	16	1.75	.75	320	100
	13	25.071	16	1.75	.75	320	136
	16	30.755	20	1.75	.75	320	206
4856 & 4857	10	19.416	12	2.75	.63	180	132
	12	23.182	16	2.75	.75	320	157
	13	25.071	16	2.75	.75	320	218
	15	28.858	20	2.75	.75	320	256
	16	30.755	20	2.75	.75	320	332
4859	12	23.182	16	3.25	.75	320	169
	13	25.071	16	3.25	.75	320	235
	15	28.858	20	3.25	.75	320	275
	16	30.755	20	3.25	.75	320	357
	17	32.653	20	3.25	.75	320	444
4864	12	27.046	16	3.25	.75	320	309
	13	29.250	16	3.25	.75	320	399
	15	33.668	20	3.25	.75	320	493
	16	35.881	20	3.25	.75	320	604
	17	38.095	25	3.25	.75	320	534

Sprocket rims other than those listed are available upon request.

How to Read... Roller Chain Sprocket Part Numbering System

Tsubaki's roller chain sprocket part numbering system is standardized. Each letter and number has a significant meaning, and the order of these is critical to getting the right sprocket.

Example: HSST100HC45F-200MM

H **SS** **T** **100** **H** **C** **45** **F-** **200MM**

H

Hardened (Heat Treated)

Non Heat Treated would be SST100HC45F-200MM.

SS

Stainless Steel

Carbon Steel material would be HT100HC45F-200MM.

T

Triple Strand Sprocket

No letter for single.

"D" for Double (2) Strand.

"T" for Triple (3) Strand.

"Q" for Quad (4) Strand.

For more than 4 strands, a number designation is used behind the chain number. For 5 strand it is designated 100-5, for 6 strand: 100-6, etc.

100

Chain Size

H

Heavy Chain

When the letter H appears after the chain size, it indicates heavy chain, with the exception of "H" split taper bushings, where the "H" is the bushing size.

C

Hub Style

A indicates A-Plate (no hub).

B for B-Hub (hub on one side).

C for C-Hub (hub on both sides).

The hub letter may be replaced by another letter representing a bushing hub or a split taper hub, such as 100R45 for an R1 split taper hub.

45

Number of Teeth

F-

Finished Bore

This designates a finished bore with a keyway and two set screws. The dash after "F" is dropped if the bore diameter is less than 1".

Stock bore sprockets may either have a designation of "SB", or no designation at all.

Plain Bore sprockets use "PB" instead of "F".

200MM

Bore Size

Metric bore sizes are designated with "MM" after the metric dimension. Inch bore sizes are designated with the whole inch following by a letter. For example, a 1.5" diameter bore would be 1H. When ordering, specify the Bore Size as either fractional (1 1/2) or decimal (1.5).

How To Read... Engineering Class Sprocket Part Numbering System

Tsubaki's engineering class sprocket part numbering system is standardized. Each letter and number has a significant meaning, and the order of these is critical to getting the right sprocket.

Example: HSS81XC45F-50MM

H **SS** **81X** **C** **45** **F-** **50MM**

H **Hardened (Heat Treated)**
Non Heat Treated would be SS81XC45F-50MM

SS **Stainless Steel**
Carbon Steel material would be H81XC45F-50MM

81X **Chain Size**
(or pitch for custom engineering class sprockets.)

C **Hub Style**
A indicates A-Plate (no hub).
B for B-Hub (hub on one side).
C for C-Hub (hub on both sides).
The hub letter may be replaced by another letter representing a bushing hub or a split taper hub, such as 81XR45 for an R1 split taper hub.

45 **Number of teeth**

F- **Finished Bore**
This designates a finished bore with a keyway and two set screws. The dash after "F" is dropped if the bore diameter is less than 1". Stock bore sprockets may either have a designation of "SB", or no designation at all. Plain Bore sprockets use "PB" instead of "F".

50MM **Bore Size**
Metric bore sizes are designated with "MM" after the metric dimension.
Inch bore sizes are designated with the whole inch following by a letter. For example, a 1.5" diameter bore would be 1H.



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
9	.837	.731	.591				25B9	S	1/4	1/4	7/16	1/2	0.03
10	.919	.809	.679				25B10	S	1/4	1/4	1/2	1/2	0.04
11	1.002	.887	.748				25B11	S	1/4	5/16	9/16	1/2	0.05
12	1.083	.966	.836				25B12	S	1/4	3/8	5/8	1/2	0.06
13	1.167	1.045	.907				25B13	S	1/4	7/16	23/32	1/2	0.07
14	1.246	1.124	.994				25B14	S	1/4	9/16	13/16	1/2	0.08
15	1.326	1.203	1.066				25B15	S	1/4	9/16	7/8	1/2	0.10
16	1.407	1.282	1.152				25B16	S	1/4	5/8	31/32	1/2	0.12
17	1.487	1.361	1.225				25B17	S	1/4	21/32	1 1/32	1/2	0.14
18	1.568	1.440	1.310	25A18	1/4	.04	25B18	S	1/4	3/4	1 1/8	1/2	0.16
19	1.648	1.519	1.383	25A19	1/4	.04	25B19	S	1/4	13/16	1 7/32	1/2	0.19
20	1.729	1.598	1.468	25A20	1/4	.04	25B20	S	1/4	7/8	1 9/32	5/8	0.25
21	1.809	1.678	1.543	25A21	1/4	.04	25B21	S	1/4	7/8	1 9/8	5/8	0.28
22	1.889	1.757	1.627	25A22	1/4	.06	25B22	S	1/4	15/16	1 7/16	5/8	0.31
23	1.969	1.836	1.702	25A23	1/4	.06	25B23	S	1/4	1	1 1/2	5/8	0.32
24	2.049	1.915	1.785	25A24	3/8	.08	25B24	S	3/8	1	1 1/2	5/8	0.33
25	2.129	1.995	1.861	25A25	3/8	.08	25B25	S	3/8	1	1 1/2	5/8	0.34
26	2.209	2.074	1.944	25A26	3/8	.09	25B26	S	3/8	1	1 1/2	5/8	0.35
28	2.369	2.233	2.103	25A28	3/8	.10	25B28	S	3/8	1	1 1/2	5/8	0.37
30	2.529	2.392	2.262	25A30	3/8	.12	25B30	S	3/8	1	1 1/2	5/8	0.39
32	2.688	2.551	2.421	25A32	3/8	.14	25B32	S	3/8	1	1 1/2	5/8	0.41
35	2.928	2.789	2.659	25A35	3/8	.16	25B35	S	3/8	1	1 1/2	5/8	0.46
36	3.008	2.869	2.739	25A36	3/8	.18	25B36	S	3/8	1	1 1/2	3/4	0.49
40	3.327	3.187	3.057	25A40	3/8	.20	25B40	S	3/8	1 1/4	2	3/4	0.52
45	3.725	3.584	3.452	25A45	1/2	.25	25B45	S	1/2	1 1/4	2	3/4	0.55
48	3.964	3.823	3.693	25A48	1/2	.32	25B48	S	1/2	1 1/4	2	3/4	0.57
54	4.442	4.300	4.170	25A54	1/2	.38	25B54	S	1/2	1 1/4	2	3/4	0.98
60	4.920	4.777	4.647	25A60	1/2	.54	25B60	E	1/2	1 1/4	2	3/4	1.10
70	5.717	5.572	5.442	25A70	1/2	.70	25B70	E	1/2	1 1/4	2	3/4	1.20
72	5.876	5.732	5.602	25A72	1/2	.74	25B72	E	1/2	1 1/4	2	3/4	1.30

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

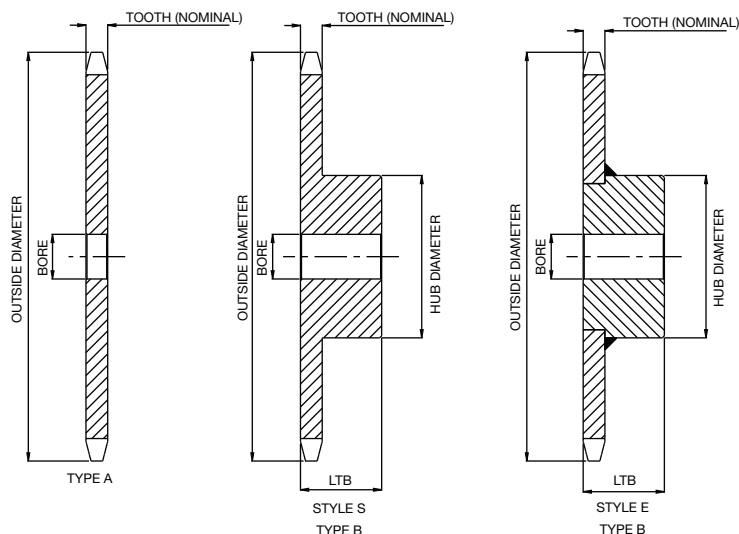
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	25
Size	25
Pitch	0.250"
Chain Inside Width	0.125"
Roller Diameter	0.130"
Nominal Tooth Width	0.110"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.25 Stainless Steel

1/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
9	.837	.731	.591	SS25B9	S	1/4	1/4	7/16	1/2	0.03
10	.919	.809	.679	SS25B10	S	1/4	1/4	1/2	1/2	0.04
11	1.002	.887	.748	SS25B11	S	1/4	5/16	9/16	1/2	0.05
12	1.083	.966	.836	SS25B12	S	1/4	3/8	5/8	1/2	0.06
13	1.167	1.045	.907	SS25B13	S	1/4	7/16	23/32	1/2	0.07
14	1.246	1.124	.994	SS25B14	S	1/4	9/16	13/16	1/2	0.08
15	1.326	1.203	1.066	SS25B15	S	1/4	9/16	7/8	1/2	0.10
16	1.407	1.282	1.152	SS25B16	S	1/4	5/8	31/32	1/2	0.12
17	1.487	1.361	1.225	SS25B17	S	1/4	21/32	11/32	1/2	0.14
18	1.568	1.440	1.310	SS25B18	S	1/4	3/4	1 1/8	1/2	0.16
19	1.648	1.519	1.383	SS25B19	S	1/4	13/16	17/32	1/2	0.19
20	1.729	1.598	1.468	SS25B20	S	1/4	7/8	19/32	5/8	0.25
21	1.809	1.678	1.543	SS25B21	S	1/4	7/8	1 3/8	5/8	0.28
22	1.889	1.757	1.627	SS25B22	S	1/4	15/16	17/16	5/8	0.31
23	1.969	1.836	1.702	SS25B23	S	1/4	1	1 1/2	5/8	0.32
24	2.049	1.915	1.785	SS25B24	S	3/8	1	1 1/2	5/8	0.33
25	2.129	1.995	1.861	SS25B25	S	3/8	1	1 1/2	5/8	0.34
26	2.209	2.074	1.944	SS25B26	S	3/8	1	1 1/2	5/8	0.35
28	2.369	2.233	2.103	SS25B28	S	3/8	1	1 1/2	5/8	0.37
30	2.529	2.392	2.262	SS25B30	S	3/8	1	1 1/2	5/8	0.39
36	3.008	2.869	2.739	SS25B36	S	3/8	1	1 1/2	3/4	0.49
40	3.327	3.187	3.057	SS25B40	S	3/8	1 1/4	2	3/4	0.52
45	3.725	3.584	3.452	SS25B45	S	1/2	1 1/4	2	3/4	0.55
60	4.920	4.777	4.647	SS25B60	S	1/2	1 1/4	2	3/4	1.10

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

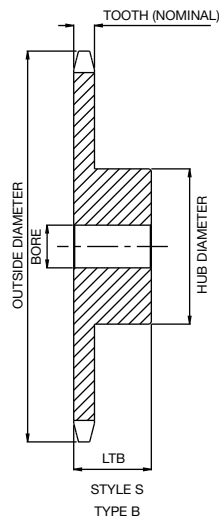
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	25
Size	25
Pitch	0.250"
Chain Inside Width	0.125"
Roller Diameter	0.130"
Nominal Tooth Width	0.110"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.35 Stock Bore

3/8" Pitch



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TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8							H35B8	S	3/8	5/16	3/4 ▲	3/4	0.11
9	1.256	1.097	0.880				H35B9	S	3/8	3/8	27/32 ▲	3/4	0.12
10	1.379	1.214	1.014				H35B10	S	3/8	9/16	31/32 ▲	3/4	0.14
11	1.502	1.331	1.117				H35B11	S	3/8	5/8	1 1/16 ▲	3/4	0.16
12	1.625	1.449	1.249				H35B12	S	1/2	3/4	1 1/32 ▲	3/4	0.21
13	1.746	1.567	1.356				H35B13	S	1/2	3/4	1 1/4 ▲	3/4	0.25
14	1.868	1.685	1.485				H35B14	S	1/2	3/4	1 1/4	3/4	0.25
15	1.989	1.804	1.594	H35A15	1/2	0.11	H35B15	S	1/2	13/16	1 3/8	3/4	0.34
16	2.110	1.922	1.722	H35A16	1/2	0.12	H35B16	S	1/2	7/8	1 15/32	3/4	0.37
17	2.231	2.041	1.832	H35A17	1/2	0.14	H35B17	S	1/2	1	1 5/8	3/4	0.46
18	2.352	2.160	1.960	H35A18	1/2	0.16	H35B18	S	1/2	1 1/16	1 3/4	3/4	0.53
19	2.472	2.279	2.071	H35A19	1/2	0.17	H35B19	S	1/2	1 3/16	1 7/8	3/4	0.60
20	2.593	2.397	2.197	H35A20	1/2	0.19	H35B20	S	1/2	1 3/16	1 15/16	3/4	0.68
21	2.713	2.516	2.309	H35A21	1/2	0.21	H35B21	S	1/2	1 1/4	2 1/8	3/4	0.74
22	2.833	2.635	2.435	H35A22	1/2	0.24	H35B22	S	1/2	1 1/4	2 1/8	3/4	0.78
23	2.954	2.754	2.548	H35A23	1/2	0.26	H35B23	S	1/2	1 1/4	2 1/8	3/4	0.81
24	3.074	2.873	2.673	H35A24	1/2	0.28	H35B24	S	1/2	1 1/4	2 1/8	7/8	0.90
25	3.194	2.992	2.786	H35A25	1/2	0.31	H35B25	S	1/2	1 1/4	2 1/8	7/8	0.93
26	3.314	3.111	2.911	H35A26	1/2	0.33	H35B26	E	1/2	1 1/2	2 1/4	1	1.30
27	3.434	3.230	3.025	H35A27	1/2	0.36	H35B27	E	1/2	1 1/2	2 1/4	1	1.40
28	3.553	3.349	3.149	H35A28	1/2	0.38	H35B28	E	1/2	1 1/2	2 1/4	1	1.40
30	3.793	3.588	3.388	H35A30	1/2	0.44	H35B30	E	1/2	1 1/2	2 1/4	1	1.50
32	4.032	3.826	3.626	35A32	1/2	0.50	35B32	E	1/2	1 1/2	2 1/4	1	1.60
35	4.392	4.184	3.979	35A35	1/2	0.61	35B35	E	1/2	1 1/2	2 1/4	1	1.70
36	4.511	4.303	4.103	35A36	1/2	0.64	35B36	E	1/2	1 1/2	2 1/4	1	1.70
40	4.990	4.780	4.580	35A40	5/8	0.79	35B40	E	5/8	1 1/2	2 1/4	1	1.80
42	5.229	5.018	4.818	35A42	5/8	0.90	35B42	E	5/8	1 1/2	2 1/4	1	1.90
45	5.588	5.376	5.173	35A45	5/8	1.00	35B45	E	5/8	1 1/2	2 1/4	1	2.00
48	5.946	5.734	5.534	35A48	5/8	1.10	35B48	E	5/8	1 1/2	2 1/4	1	2.10
54	6.663	6.449	6.249	35A54	5/8	1.40	35B54	E	5/8	1 1/2	2 1/4	1	2.40
60	7.380	7.165	6.965	35A60	3/4	1.80	35B60	E	3/4	1 1/2	2 1/4	1	2.80
70	8.575	8.358	8.158	35A70	3/4	2.40	35B70	E	3/4	1 1/2	2 1/4	1	3.40
72	8.814	8.597	8.397	35A72	3/4	2.60	35B72	E	3/4	1 1/2	2 1/4	1	3.60
80	9.770	9.552	9.352	35A80	3/4	3.20	35B80	E	3/4	1 1/2	2 1/4	1	4.20
84	10.247	10.029	9.829	35A84	3/4	3.50	35B84	E	3/4	1 1/2	2 1/4	1	4.50
96	11.680	11.461	11.261	35A96	3/4	4.60	35B96	E	3/4	1 1/2	2 1/4	1	5.60
112	13.590	13.371	13.171	35A112	3/4	6.30	35B112	E	3/4	1 1/2	2 1/4	1	7.30

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

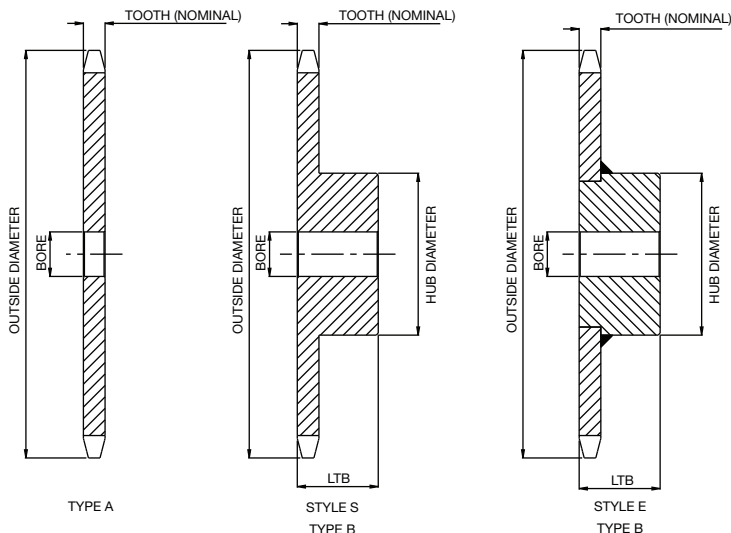
Single Strand Chain **35**
Size 35
Pitch 0.375"
Chain Inside Width 0.188"
Roller Diameter 0.200"
Nominal Tooth Width 0.168"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in inches unless otherwise stated.

			Sprocket Diameters										
No. of Teeth	Catalogue Number	Style	$\frac{3}{8}$ " Pitch			Stock finished bores (including keyway and 2 set screws)							
			Outside Diameter	Pitch Diameter	Caliper Diameter								
9	H35B9F	S	1.256	1.097	0.880	$\frac{3}{8}$ ■							
10	H35B10F	S	1.379	1.214	1.014	$\frac{3}{8}$ ■ $\frac{1}{2}$ $\frac{5}{8}$ •							
11	H35B11F	S	1.502	1.331	1.117	$\frac{3}{8}$ ■ $\frac{1}{2}$ $\frac{5}{8}$							
12	H35B12F	S	1.625	1.449	1.249	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$							
13	H35B13F	S	1.746	1.567	1.356	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$							
14	H35B14F	S	1.868	1.685	1.485	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$							
15	H35B15F	S	1.989	1.804	1.594	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1 •							
16	H35B16F	S	2.110	1.922	1.722	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1 •							
17	H35B17F	S	2.231	2.041	1.832	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
18	H35B18F	S	2.352	2.160	1.960	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
19	H35B19F	S	2.472	2.279	2.071	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
20	H35B20F	S	2.593	2.397	2.197	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
21	H35B21F	S	2.713	2.516	2.309	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
22	H35B22F	S	2.833	2.635	2.435	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
23	H35B23F	S	2.954	2.754	2.548	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
24	H35B24F	S	3.074	2.873	2.673	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
25	H35B25F	S	3.194	2.992	2.786	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1							
26	H35B26F	E	3.314	3.111	2.911	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
27	H35B27F	E	3.434	3.230	3.025	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
28	H35B28F	E	3.553	3.349	3.149	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
30	H35B30F	E	3.793	3.588	3.388	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
32	35B32F	E	4.032	3.826	3.626	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
35	35B35F	E	4.392	4.184	3.979	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
36	35B36F	E	4.511	4.303	4.103	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
40	35B40F	E	4.990	4.780	4.580	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
42	35B42F	E	5.229	5.018	4.818	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
45	35B45F	E	5.588	5.376	5.173	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
48	35B48F	E	5.946	5.734	5.534	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
54	35B54F	E	6.663	6.449	6.249	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
60	35B60F	E	7.380	7.165	6.965	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
70	35B70F	E	8.575	8.358	8.158	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
72	35B72F	E	8.814	8.597	8.397	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
80	35B80F	E	9.770	9.552	9.352	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
84	35B84F	E	10.247	10.029	9.829	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
96	35B96F	E	11.680	11.461	11.261	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							
112	35B112F	E	13.590	13.371	13.171	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$							

Hub diameter may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

■ Furnished without keyway.

• Indicates set screw at 90° and 180° from keyway.

Dimensional Data

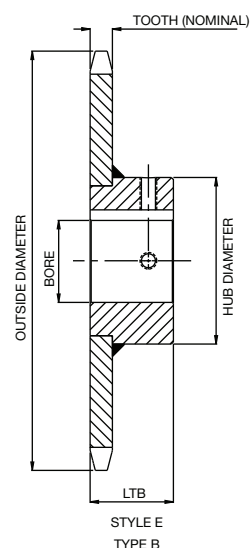
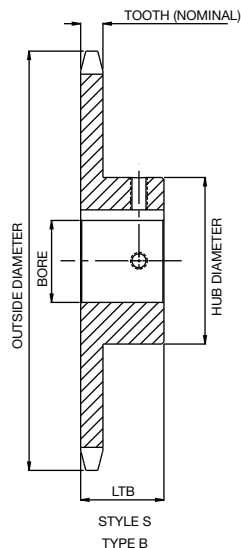
Single Strand Chain **35**
Size 35
Pitch 0.375"
Chain Inside Width 0.188"
Roller Diameter 0.200"
Nominal Tooth Width 0.168"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.35 Stainless Steel

3/8" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
9	1.260	1.097	0.880				SS35B9	S	3/8	3/8	27/32 ▲	3/4	0.10
10	1.380	1.214	1.014				SS35B10	S	3/8	9/16	31/32 ▲	3/4	0.15
11	1.500	1.331	1.117				SS35B11	S	3/8	9/16	11/16 ▲	3/4	0.20
12	1.630	1.449	1.249				SS35B12	S	1/2	5/8	17/32 ▲	3/4	0.22
13	1.750	1.567	1.356				SS35B13	S	1/2	3/4	1 1/4 ▲	3/4	0.25
14	1.870	1.685	1.485				SS35B14	S	1/2	7/8	1 1/4	3/4	0.26
15	1.990	1.804	1.594				SS35B15	S	1/2	7/8	1 11/32	3/4	0.30
16	2.110	1.922	1.722				SS35B16	S	1/2	15/16	1 15/32	3/4	0.40
17	2.230	2.041	1.832				SS35B17	S	1/2	1 1/16	1 19/32	3/4	0.43
18	2.350	2.160	1.960				SS35B18	S	1/2	1 3/16	1 23/32	3/4	0.50
19	2.470	2.279	2.071				SS35B19	S	1/2	1 1/4	1 27/32	3/4	0.56
20	2.590	2.397	2.197				SS35B20	S	1/2	1 5/16	1 15/16	3/4	0.68
21	2.710	2.516	2.309				SS35B21	S	1/2	1 3/8	2	7/8	0.80
22	2.830	2.635	2.435				SS35B22	S	1/2	1 3/8	2	7/8	0.82
23	2.950	2.754	2.548				SS35B23	S	1/2	1 3/8	2	7/8	0.87
24	3.070	2.873	2.673				SS35B24	S	1/2	1 3/8	2	7/8	0.89
25	3.190	2.992	2.786				SS35B25	S	1/2	1 3/8	2	7/8	0.91
26	3.310	3.111	2.911				SS35B26	S	1/2	1 3/8	2	7/8	0.93
28	3.550	3.349	3.149	SS35A28	15/32	0.38	SS35B28	D	1/2	1 1/2	2 1/4	1	1.00
30	3.790	3.588	3.388	SS35A30	15/32	0.44	SS35B30	D	1/2	1 1/2	2 1/4	1	1.06
32	4.032	3.826	3.626	SS35A32	15/32	0.50	SS35B32	D	1/2	1 1/2	2 1/4	1	1.13
35	4.390	4.184	3.979	SS35A35	15/32	0.61	SS35B35	D	1/2	1 1/2	2 1/4	1	1.56
40	4.990	4.780	4.580	SS35A40	15/32	1.00	SS35B40	D	1/2	1 1/2	2 1/4	1	1.70
45	5.590	5.376	5.173	SS35A45	15/32	1.20	SS35B45	D	1/2	1 1/2	2 1/4	1	2.18
60	7.380	7.165	6.965	SS35A60	15/32	2.10	SS35B60	D	1/2	1 1/2	2 1/4	1	3.00

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

▲ There is a recessed groove in the hub to allow for chain clearance.

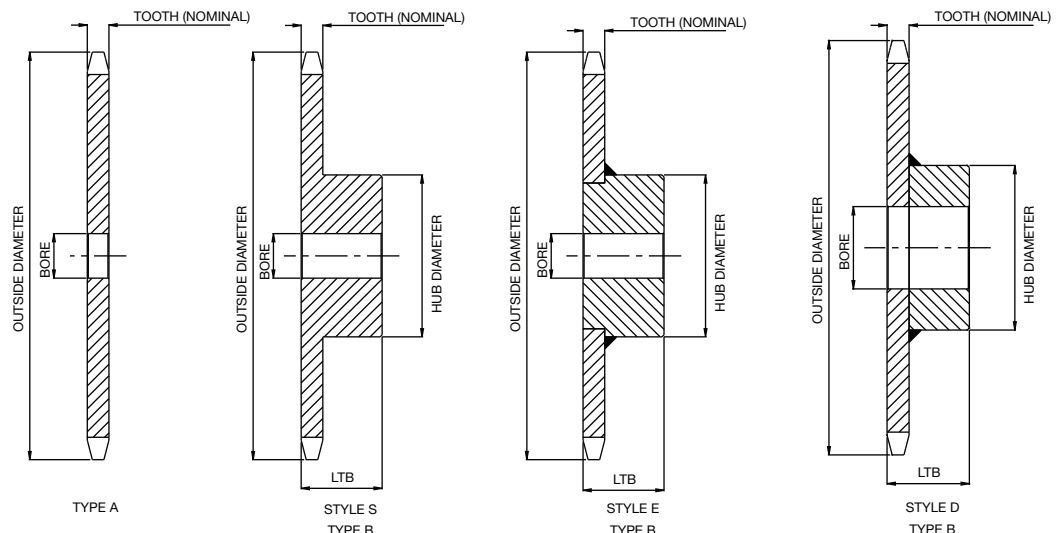
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	35
Size	35
Pitch	0.375"
Chain Inside Width	0.188"
Roller Diameter	0.200"
Nominal Tooth Width	0.168"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

Sprocket Diameters 3/8" Pitch					35-2 Double Strand (Type B)						35-3 Triple Strand (Type B)					
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)
13	1.746	1.567	1.356	1/2	HD35B13	S	3/4	1 1/8	1 1/4	0.35	HT35B13	S	3/4	1 1/8	1 3/4	0.49
14	1.868	1.685	1.485	1/2	HD35B14	S	13/16	1 1/4	1 1/4	0.42	HT35B14	S	13/16	1 1/4	1 3/4	0.61
15	1.989	1.804	1.594	1/2	HD35B15	S	7/8	1 11/32	1 1/4	0.53	HT35B15	S	7/8	1 11/32	1 3/4	0.73
16	2.110	1.922	1.722	1/2	HD35B16	S	15/16	1 15/32	1 1/4	0.63	HT35B16	S	15/16	1 15/32	1 3/4	0.88
17	2.231	2.041	1.832	1/2	HD35B17	S	1 1/16	1 19/32	1 1/4	0.74	HT35B17	S	1 1/16	1 19/32	1 3/4	1.04
18	2.352	2.160	1.960	1/2	HD35B18	S	1 1/8	1 23/32	1 1/4	0.86	HT35B18	S	1 1/8	1 23/32	1 3/4	1.20
19	2.472	2.279	2.071	1/2	HD35B19	S	1 1/4	1 27/32	1 1/4	0.98	HT35B19	S	1 1/4	1 27/32	1 3/4	1.30
20	2.593	2.397	2.197	1/2	HD35B20	S	1 5/16	1 31/32	1 3/8	1.21	HT35B20	S	1 5/16	1 31/32	1 7/8	1.66
21	2.713	2.516	2.309	1/2	HD35B21	S	1 3/8	2 1/16	1 3/8	1.37	HT35B21	S	1 3/8	2 1/16	1 7/8	1.88
22	2.833	2.635	2.435	1/2	HD35B22	S	1 7/16	2 3/16	1 3/8	1.54	HT35B22	S	1 7/16	2 3/16	1 7/8	2.10
23	2.954	2.754	2.548	1/2	HD35B23	S	1 1/2	2 5/16	1 3/8	1.70	HT35B23	S	1 1/2	2 5/16	1 7/8	2.34
24	3.074	2.873	2.673	1/2	HD35B24	S	1 5/8	2 7/16	1 3/8	1.90	HT35B24	S	1 5/8	2 7/16	1 7/8	2.59
25	3.194	2.992	2.786	1/2	HD35B25	S	1 11/16	2 9/16	1 3/8	2.07	HT35B25	S	1 11/16	2 9/16	1 7/8	2.83
26	3.314	3.111	2.911	1/2	HD35B26	S	1 3/4	2 11/16	1 3/8	2.26	HT35B26	S	1 3/4	2 11/16	1 7/8	3.12
30	3.793	3.230	3.025	1/2	HD35B30	S	2	3 3/32	1 3/8	3.15	HT35B30	S	2	3 3/32	1 7/8	4.33
36	4.511	3.349	3.149	11/16	D35B36	S	1 3/4	2 1/2	1 3/8	3.30	T35B36	S	1 3/4	2 1/2	1 7/8	5.00
42	5.229	3.588	3.388	11/16	D35B42	S	1 3/4	2 1/2	1 3/8	4.30	T35B42	S	1 3/4	2 1/2	1 7/8	6.60
48	5.946	5.734	5.534	11/16	D35B48	S	1 3/4	2 1/2	1 3/8	5.40	T35B48	S	1 3/4	2 1/2	1 7/8	8.40
52	6.425	6.211	6.011	11/16	D35B52	S	1 3/4	2 1/2	1 3/8	6.20	T35B52	S	1 3/4	2 1/2	1 7/8	9.80
60	7.380	7.165	6.965	11/16	D35B60	S	1 3/4	2 1/2	1 3/8	8.00	T35B60	S	1 3/4	2 1/2	1 7/8	12.80
68	8.336	8.120	7.920	15/16	D35B68	S	2 3/8	3 1/2	1 1/2	12.80	T35B68	S	2 3/8	3 1/2	1 7/8	18.40
72	8.814	8.597	8.397	15/16	D35B72	S	2 3/8	3 1/2	1 1/2	13.90	T35B72	S	2 3/8	3 1/2	1 7/8	20.30
76	9.292	9.074	8.874	15/16	D35B76	S	2 3/8	3 1/2	1 1/2	15.10	T35B76	S	2 3/8	3 1/2	1 7/8	22.40
84	10.247	10.029	9.829	15/16	D35B84	S	2 3/8	3 1/2	1 1/2	17.80	T35B84	S	2 3/8	3 1/2	1 7/8	26.80
96	11.680	11.461	11.261	15/16	D35B96	S	2 3/8	3 1/2	1 1/2	22.30	T35B96	S	2 3/8	3 1/2	1 7/8	34.30

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

* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain **35**
Size 35-2
Pitch 0.375"
Chain Inside Width 0.188"
Roller Diameter 0.200"
Nominal Tooth Width 0.162"
Plate Thickness 0.561"

Triple Strand Chain **35**
Size 35-3
Pitch 0.375"
Chain Inside Width 0.188"
Roller Diameter 0.200"
Nominal Tooth Width 0.162"
Plate Thickness 0.960"

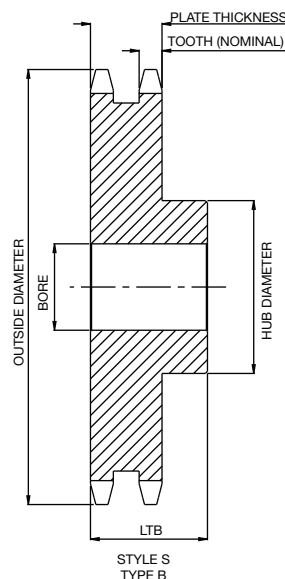


If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

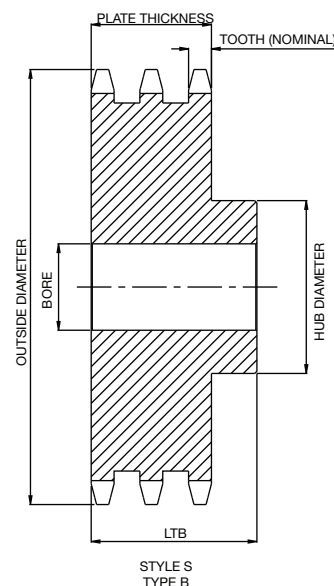


Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

Double Strand



Triple Strand



No.35 Single/Double "Taper-Lock" Style

3/8" Pitch



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All dimensions in inches unless otherwise stated.

Sprocket Diameters 3/8" Pitch				Single (Type B)							Double (Type B)				
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Style	Bushing	Hub Diameter	Weight (lbs.)
18	2.352	2.160	1.960	H35BTL18	S	1008	1	1 7/8 ▲	7/8	0.4					
19	2.472	2.279	2.071	H35BTL19	S	1008	1	1 13/16	7/8	0.5	HD35BTL19	S	1008	1 53/64	0.6
20	2.593	2.397	2.197	H35BTL20	S	1008	1	1 15/16	7/8	0.6	HD35BTL20	S	1008	1 15/16	0.8
21	2.713	2.516	2.309	H35BTL21	S	1008	1	2 1/16	7/8	0.7	HD35BTL21	S	1008	2 1/16	1.4
22	2.883	2.635	2.435	H35BTL22	S	1210	1 1/4	2 3/8	1	0.8	HD35BTL22	S	1008	2 3/16	1.7
23	2.954	2.754	2.548	H35BTL23	S	1210	1 1/4	2 7/16	1	0.9					
24	3.074	2.873	2.673	H35BTL24	S	1210	1 1/4	2 7/16	1	0.9	HD35BTL24	S	1210	2 7/16	1.8
25	3.194	2.992	2.786	H35BTL25	S	1210	1 1/4	2 7/16	1	1.2					
26	3.314	3.111	2.911	H35BTL26	S	1610	1 5/8	2 7/8 ▲	1	1.1	HD35BTL26	S	1210	2 5/8	2.0
28	3.553	3.349	3.149	H35BTL28	S	1610	1 5/8	2 7/8	1	1.2					
30	3.793	3.588	3.388	H35BTL30	S	1610	1 5/8	3	1	1.2	HD35BTL30	S	1610	3 1/8	1.8
32	4.032	3.826	3.626	35BTL32	S	1610	1 5/8	3	1	1.3	D35BTL32	S	1610	3 1/4	2.0
35	4.392	4.184	3.979	35BTL35	E	1610	1 5/8	3	1	1.4	D35BTL35	S	1610	3 1/4	2.3
36	4.511	4.303	4.103	35BTL36	E	1610	1 5/8	3	1	1.4					
40	4.990	4.780	4.580	35BTL40	E	1610	1 5/8	3	1	1.9	D35BTL40	S	1610	3 1/4	2.5
42	5.229	5.018	4.818	35BTL42	E	1610	1 5/8	3	1	2.0					
45	5.588	5.376	5.173	35BTL45	E	1610	1 5/8	3	1	2.1	D35BTL45	S	1610	3 1/4	3.3
48	5.946	5.734	5.534	35BTL48	E	1610	1 5/8	3	1	2.3	D35BTL48	S	1610	3 5/8	4.0
54	6.663	6.449	6.249	35BTL54	E	1610	1 5/8	3	1	2.6	D35BTL54	S	1610	3 5/8	5.0
60	7.380	7.165	6.965	35BTL60	E	1610	1 5/8	3	1	3.0	D35BTL60	S	1610	3 5/8	6.2
70	8.575	8.358	8.158	35BTL70	E	1610	1 5/8	3	1	3.7	D35BTL70	S	1610	3 5/8	8.4
72	8.814	8.597	8.397	35BTL72	E	1610	1 5/8	3	1	3.9					
80	9.770	9.552	9.352	35BTL80	E	1610	1 5/8	3	1	4.5	D35BTL80	S	1610	3 5/8	10.9
84	10.247	10.029	9.829	35BTL84	E	1610	1 5/8	3	1	4.9					
96	11.680	11.461	11.261	35BTL96	E	1610	1 5/8	3	1	6.0	D35BTL96	S	1610	3 5/8	15.9
112	13.590	13.371	13.171	35BTL112	E	1610	1 5/8	3	1	7.8	D35BTL112	S	1610	3 5/8	21.7

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70

Refer to pages E-136 and E-137 for bushing specifications.

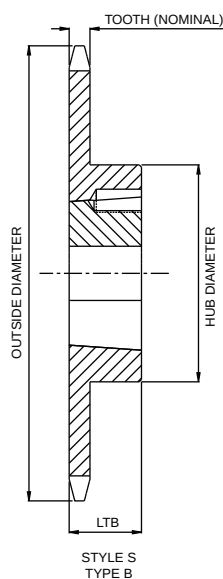
Dimensional Data

Single Strand Chain	35
Size	35
Pitch	0.375"
Chain Inside Width	0.188"
Roller Diameter	0.200"
Nominal Tooth Width	0.168"
Double Strand Chain	35
Size	35-2
Pitch	0.375"
Chain Inside Width	0.188"
Roller Diameter	0.200"
Nominal Tooth Width	0.162"
Plate Thickness	0.561"

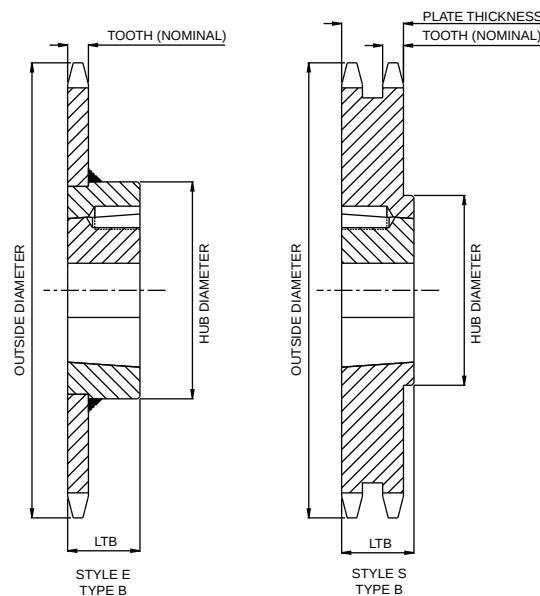
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).

Single "Taper-Lock" Style



Double "Taper-Lock" Style





All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B									
3/8" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	Weight (lbs.)
19	2.472	2.279	2.071	H35JA19	S	JA	1 1/4	2 1/16	9/16	1	1	45/64	2	0.3
20	2.593	2.397	2.197	H35JA20	S	JA	1 1/4	2 1/16	9/16	1	1	45/64	2	0.3
21	2.713	2.516	2.309	H35JA21	S	JA	1 1/4	2 1/16	9/16	1	1	45/64	2	0.3
22	2.833	2.635	2.435	H35JA22	S	JA	1 1/4	2 3/16	9/16	1	1	45/64	2	0.4
23	2.954	2.754	2.548	H35JA23	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.5
24	3.074	2.873	2.673	H35JA24	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.5
25	3.194	2.992	2.786	H35JA25	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.5
26	3.314	3.111	2.911	H35JA26	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.5
27	3.434	3.230	3.025	H35JA27	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.6
28	3.553	3.349	3.149	H35JA28	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.6
30	3.793	3.588	3.388	H35JA30	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.7
32	4.032	3.826	3.626	35JA32	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.7
35	4.392	4.184	3.979	35JA35	S	JA	1 1/4	2 1/4	9/16	1	1	45/64	2	0.8
36	4.511	4.303	4.103	35SH36	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	1.3
40	4.990	4.780	4.580	35SH40	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	1.4
42	5.229	5.018	4.818	35SH42	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	1.6
45	5.588	5.376	5.173	35SH45	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	1.7
48	5.946	5.734	5.534	35SH48	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	1.7
54	6.663	6.449	6.249	35SH54	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	2.2
60	7.380	7.165	6.965	35SH60	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	2.4
70	8.575	8.358	8.158	35SH70	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	3.1
72	8.814	8.597	8.397	35SH72	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	3.1
80	9.770	9.552	9.352	35SH80	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	3.7
84	10.247	10.029	9.829	35SH84	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	3.9
96	11.680	11.461	11.261	35SH96	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	5.1
112	13.590	13.371	13.171	35SH112	E	SH	1 5/8	3	1 3/16	1 3/8	1 3/8	1 1/4	2 1/16	6.9

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushing	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
JA	1/2 - 1 1/4	1 1/16 - 1 1/4	1 1/4	0.8
SH	1/2 - 1 5/8	1 1/16 - 1 15/16	1 11/16	0.7

Refer to page E-138 for bushing specifications.

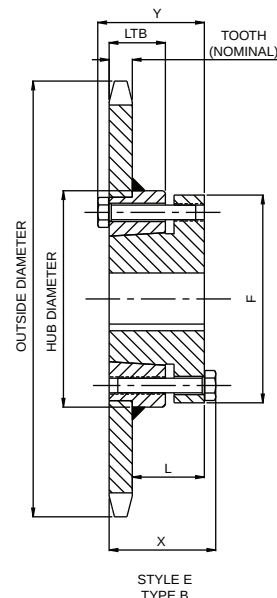
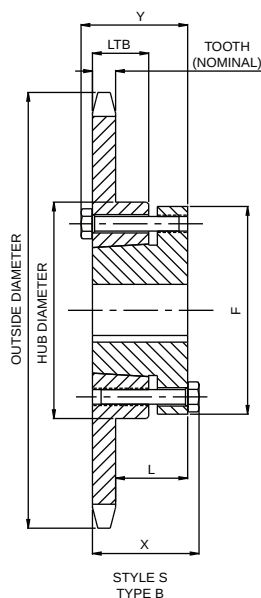
Dimensional Data	
Single Strand Chain	35
Size	35
Pitch	0.375"
Chain Inside Width	0.188"
Roller Diameter	0.200"
Nominal Tooth Width	0.168"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.35 Split Taper

3/8" Pitch



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All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B									
3/8" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
15	1.989	1.804	1.594	H35G15	3	G1	3/4	1	1 11/32	1	0.168	5/32	2	0.3
16	2.110	1.922	1.722	H35G16	3	G1	3/4	1	1 11/32	1	0.168	5/32	2	0.3
17	2.231	2.041	1.832	H35G17	3	G1	3/4	1	1 11/32	1	0.168	5/32	2	0.3
18	2.352	2.160	1.960	H35G18	3	G1	3/4	1	1 11/32	1	0.168	5/32	2	0.3
19	2.472	2.279	2.071	H35G19	3	G1	5/8	1	1 1/4	29/32	0.168	1/16	2	0.3
19	2.472	2.279	2.071	H35H19	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.5
20	2.593	2.397	2.197	H35H20	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.5
21	2.713	2.516	2.309	H35H21	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.6
22	2.833	2.635	2.435	H35H22	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.7
23	2.953	2.754	2.548	H35H23	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.7
24	3.073	2.873	2.673	H35H24	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.8
25	3.193	2.992	2.786	H35H25	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.8
26	3.313	3.111	2.911	H35H26	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.8
28	3.553	3.349	3.149	H35H28	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.9
30	3.793	3.588	3.388	H35H30	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.9
32	4.032	3.826	3.626	35H32	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	0.9
35	4.392	4.184	3.979	35H35	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.0
36	4.511	4.303	4.103	35H36	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.0
40	4.990	4.780	4.580	35H40	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.2
42	5.229	5.018	4.818	35H42	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.2
45	5.588	5.376	5.173	35H45	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.4
48	5.946	5.734	5.534	35H48	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.5
54	6.664	6.449	6.249	35H54	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	1.8
60	7.380	7.165	6.965	35H60	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	2.3
70	8.575	8.358	8.158	35H70	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	2.8
72	8.8814	8.597	8.397	35H72	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	3.0
80	9.769	9.552	9.352	35H80	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	3.8
84	10.247	10.029	9.829	35H84	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	4.0
96	11.680	11.461	11.261	35H96	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	5.3
112	13.591	13.371	13.171	35H112	3	H1	7/8	1 1/4	1 1/2	1 5/32	0.168	1/16	2 1/2	6.8

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

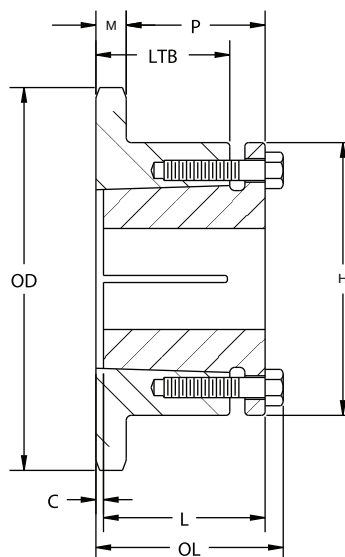
Single Strand Chain **35**
Size 35
Pitch 0.375"
Chain Inside Width 0.188"
Roller Diameter 0.200"
Nominal Tooth Width 0.168"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	1.507	1.307	1.002				H41B8	S	1/2	1/2	⁶³ / ₆₄ ▲	7/8	0.17
9	1.674	1.462	1.134				H41B9	S	1/2	5/8	1 1/8 ▲	7/8	0.20
10	1.839	1.618	1.312				H41B10	S	1/2	3/4	1 1/4 ▲	7/8	0.28
11	2.003	1.775	1.451				H41B11	S	1/2	7/8	1 15/32 ▲	7/8	0.35
12	2.166	1.932	1.626				H41B12	S	1/2	1	1 9/16 ▲	7/8	0.40
13	2.328	2.089	1.768				H41B13	S	1/2	1	1 9/16	7/8	0.48
14	2.490	2.247	1.941				H41B14	S	1/2	1	1 3/4	7/8	0.57
15	2.652	2.405	2.086	H41A15	1/2	0.24	H41B15	S	1/2	1 5/16	1 29/32	7/8	0.76
16	2.814	2.563	2.257	H41A16	1/2	0.28	H41B16	S	5/8	1 3/8	2 1/16	7/8	0.86
17	2.974	2.721	2.403	H41A17	1/2	0.31	H41B17	S	5/8	1 1/2	2 15/64	7/8	1.00
18	3.136	2.879	2.573	H41A18	5/8	0.35	H41B18	S	5/8	1 5/8	2 3/8	7/8	1.15
19	3.292	3.038	2.722	H41A19	5/8	0.39	H41B19	S	5/8	1 3/4	2 15/32	7/8	1.26
20	3.457	3.196	2.890	H41A20	5/8	0.43	H41B20	S	5/8	1 7/8	2 3/4	1	1.70
21	3.618	3.355	3.040	H41A21	5/8	0.48	H41B21	S	5/8	1 7/8	2 7/8	1	1.90
22	3.778	3.513	3.207	H41A22	5/8	0.52	H41B22	E	5/8	1 3/4	2 1/2	1	1.80
23	3.938	3.672	3.357	H41A23	5/8	0.57	H41B23	E	5/8	1 3/4	2 1/2	1	1.90
24	4.098	3.831	3.525	H41A24	5/8	0.63	H41B24	E	5/8	1 3/4	2 1/2	1	2.00
25	4.258	3.989	3.675	H41A25	5/8	0.68	H41B25	E	5/8	1 3/4	2 1/2	1	2.10
26	4.418	4.148	3.842	H41A26	5/8	0.74	H41B26	E	5/8	1 3/4	2 1/2	1	2.20
27	4.578	4.307	3.994	H41A27	5/8	0.80	H41B27	E	5/8	1 3/4	2 1/2	1	2.30
28	4.738	4.465	4.159	H41A28	5/8	0.86	H41B28	E	5/8	1 3/4	2 1/2	1	2.40
30	5.057	4.783	4.477	H41A30	5/8	0.99	H41B30	E	5/8	1 3/4	2 1/2	1	2.50
32	5.376	5.101	4.794	41A32	3/4	1.10	41B32	E	5/8	1 3/4	2 1/2	1	2.60
35	5.856	5.578	5.266	41A35	3/4	1.30	41B35	E	5/8	1 3/4	2 1/2	1	2.70
36	6.015	5.737	5.431	41A36	3/4	1.40	41B36	E	5/8	1 3/4	2 1/2	1	2.80
40	6.653	6.373	6.067	41A40	3/4	1.80	41B40	E	3/4	2	3	1 1/8	3.60
42	6.972	6.691	6.385	41A42	3/4	2.00	41B42	E	3/4	2	3	1 1/8	3.70
45	7.450	7.168	6.858	41A45	3/4	2.20	41B45	E	3/4	2	3	1 1/8	3.90
48	7.928	7.645	7.339	41A48	3/4	2.50	41B48	E	3/4	2	3	1 1/8	4.30
54	8.884	8.599	8.294	41A54	3/4	3.20	41B54	E	3/4	2	3	1 1/8	4.90
60	9.840	9.554	9.246	41A60	3/4	4.00	41B60	E	3/4	2	3	1 1/8	5.80
70	11.433	11.145	10.840	41A70	1	5.40	41B70	E	1	2	3	1 1/8	7.20
72	11.752	11.463	11.156	41A72	1	5.70	41B72	E	1	2	3	1 1/8	7.50
80	13.026	12.736	12.430	41A80	1	7.10	41B80	E	1	2	3	1 1/8	8.80
84	13.663	13.372	13.067	41A84	1	7.80	41B84	E	1	2	3	1 1/8	9.50
96	15.573	15.282	14.976	41A96	1	10.20	41B96	E	1	2	3	1 1/8	10.90
112	18.121	17.827	17.522	41A112	1	13.90	41B112	E	1	2	3	1 1/8	15.60

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

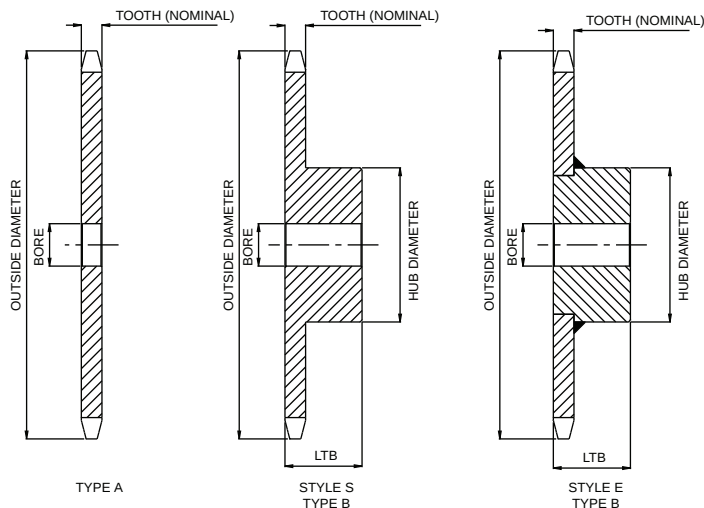
Single Strand Chain	41
Size	41
Pitch	0.500"
Chain Inside Width	0.250"
Roller Diameter	0.306"
Nominal Tooth Width	0.227"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.41 Finished Bore

1/2" Pitch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters						Stock finished bores (including keyway and 2 set screws)									
No. of Teeth	Catalogue Number	Style	1/2" Pitch												
			Outside Diameter	Pitch Diameter	Caliper Diameter										
9	H41B9F	S	1.674	1.462	1.134	1/2	5/8								
10	H41B10F	S	1.839	1.618	1.312	1/2	5/8	3/4							
11	H41B11F	S	2.003	1.775	1.451	1/2	5/8	3/4							
12	H41B12F	S	2.166	1.932	1.626	1/2	5/8	3/4							
13	H41B13F	S	2.328	2.089	1.768	1/2	5/8	3/4	1						
14	H41B14F	S	2.490	2.247	1.941	1/2	5/8	3/4	1						
15	H41B15F	S	2.652	2.405	2.086	1/2	5/8	3/4	1						
16	H41B16F	S	2.814	2.563	2.257		5/8	3/4	1						
17	H41B17F	S	2.974	2.721	2.403		5/8	3/4	1						
18	H41B18F	S	3.136	2.879	2.573		5/8	3/4	1						
19	H41B19F	S	3.292	3.038	2.722		5/8	3/4	1						
20	H41B20F	S	3.457	3.196	2.890		5/8	3/4	1						
21	H41B21F	S	3.618	3.355	3.040		5/8	3/4	1						
22	H41B22F	E	3.778	3.513	3.207		5/8	3/4	1						
23	H41B23F	E	3.938	3.672	3.357		5/8	3/4	1						
24	H41B24F	E	4.098	3.831	3.525		5/8	3/4	1						
25	H41B25F	E	4.258	3.989	3.675		5/8	3/4	1						
26	H41B26F	E	4.418	4.148	3.842		5/8	3/4	1						
27	H41B27F	E	4.578	4.307	3.994		5/8	3/4	1						
28	H41B28F	E	4.738	4.465	4.159		5/8	3/4	1						
30	H41B30F	E	5.057	4.783	4.477		5/8	3/4	1						
32	41B32F	E	5.376	5.101	4.794		5/8	3/4	1						
35	41B35F	E	5.856	5.578	5.266		5/8	3/4	1						
36	41B36F	E	6.015	5.737	5.431		5/8	3/4	1						
40	41B40F	E	6.653	6.373	6.067			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
42	41B42F	E	6.972	6.691	6.385			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
45	41B45F	E	7.450	7.168	6.858			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
48	41B48F	E	7.928	7.645	7.339			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
54	41B54F	E	8.884	8.599	8.294			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
60	41B60F	E	9.840	9.554	9.246			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
70	41B70F	E	11.433	11.145	10.840			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
72	41B72F	E	11.752	11.463	11.156			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
80	41B80F	E	13.026	12.736	12.430			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
84	41B84F	E	13.663	13.372	13.067			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
96	41B96F	E	15.573	15.282	14.976			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2
112	41B112F	E	18.121	17.827	17.522			3/4	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2

Hub diameter may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

Dimensional Data

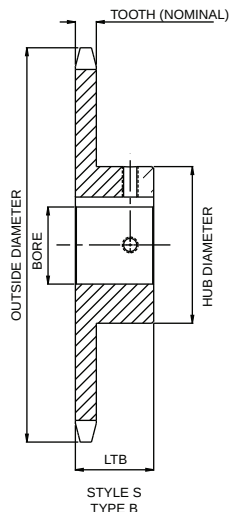
Single Strand Chain 41
Size 41
Pitch 0.500"
Chain Inside Width 0.250"
Roller Diameter 0.306"
Nominal Tooth Width 0.227"



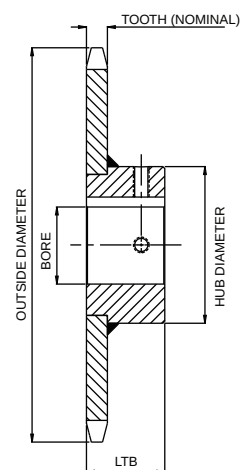
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE S
TYPE B



STYLE E
TYPE B



No.41 "Taper Lock" Style

1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Single (Type B)						
No. Teeth	Outside Diameter	Pitch Diameter	1/2" Pitch Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
14	2.490	2.247	1.941	H41BTL14	S	1008	1	1 7/8 ▲	7/8	0.4
15	2.652	2.405	2.086	H41BTL15	S	1008	1	1 7/8	7/8	0.5
16	2.814	2.563	2.257	H41BTL16	S	1008	1	2	7/8	0.6
17	2.974	2.721	2.403	H41BTL17	S	1210	1 1/4	2 3/8 ▲	1	0.7
18	3.136	2.879	2.573	H41BTL18	S	1210	1 1/4	2 3/8	1	0.9
19	3.292	3.038	2.722	H41BTL19	S	1210	1 1/4	2 1/2	1	1.1
20	3.457	3.196	2.890	H41BTL20	S	1610	1 5/8	2 7/8 ▲	1	1.1
21	3.618	3.355	3.040	H41BTL21	S	1610	1 5/8	3 ▲	1	1.2
22	3.778	3.513	3.207	H41BTL22	S	1610	1 5/8	3	1	1.3
23	3.938	3.672	3.357	H41BTL23	S	1610	1 5/8	3	1	1.4
24	4.098	3.831	3.525	H41BTL24	S	1610	1 5/8	3 1/4	1	1.4
25	4.258	3.989	3.675	H41BTL25	S	1610	1 5/8	3 1/4	1	1.5
26	4.418	4.148	3.842	H41BTL26	S	1610	1 5/8	3 1/4	1	1.5
28	4.738	4.465	4.159	H41BTL28	E	1610	1 5/8	3	1	1.7
30	5.057	4.783	4.477	H41BTL30	E	1610	1 5/8	3	1	1.8
32	5.376	5.101	4.794	41BTL32	E	1610	1 5/8	3	1	1.9
35	5.856	5.578	5.266	41BTL35	E	1610	1 5/8	3	1	2.3
36	6.015	5.737	5.431	41BTL36	E	1610	1 5/8	3	1	2.4
40	6.653	6.373	6.067	41BTL40	E	1610	1 5/8	3	1	2.7
45	7.450	7.168	6.858	41BTL45	E	1610	1 5/8	3	1	3.5
48	7.928	7.645	7.339	41BTL48	E	1610	1 5/8	3	1	4.1
54	8.884	8.599	8.294	41BTL54	E	1610	1 5/8	3	1	4.9
60	9.840	9.554	9.246	41BTL60	E	1610	1 5/8	3	1	5.7
70	11.433	11.145	10.840	41BTL70	E	1610	1 5/8	3	1	7.4
72	11.752	11.463	11.156	41BTL72	E	1610	1 5/8	3	1	8.2
80	13.026	12.736	12.430	41BTL80	E	1610	1 5/8	3	1	9.6
96	15.573	15.282	14.976	41BTL96	E	1610	1 5/8	3	1	13.1

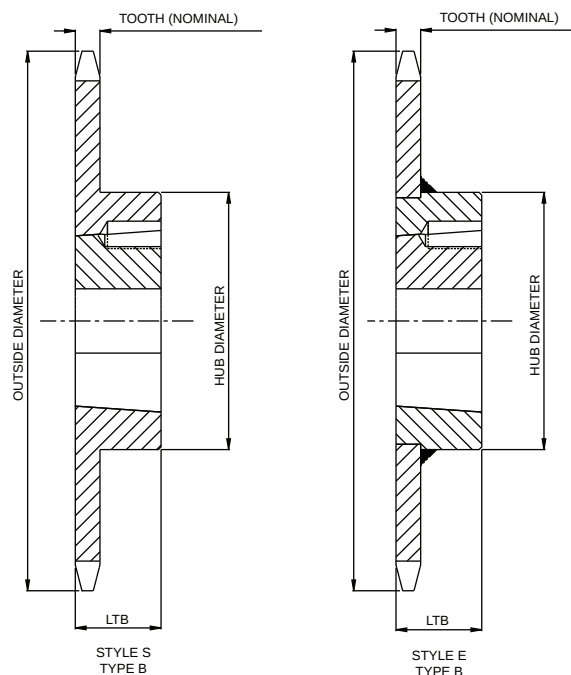
Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data	
Single Strand Chain	41
Size	41
Pitch	0.500"
Chain Inside Width	0.250"
Roller Diameter	0.306"
Nominal Tooth Width	0.227"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

No.41 "QD" Style

1/2" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1/2" Pitch														
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	Weight (lbs.)
15	2.652	2.405	2.086	H41JA15	S	JA	1 1/4	2 1/16	5/8	1 1/8	1 1/8	49/64	2	0.41
16	2.814	2.563	2.257	H41JA16	S	JA	1 1/4	2 1/16	5/8	1 1/8	1 1/8	49/64	2	0.45
17	2.974	2.721	2.403	H41JA17	S	JA	1 1/4	2 1/16	5/8	1 1/8	1 1/8	49/64	2	0.49
18	3.136	2.879	2.573	H41JA18	S	JA	1 1/4	2 1/16	5/8	1 1/8	1 1/8	49/64	2	0.53
19	3.292	3.038	2.722	H41JA19	S	JA	1 1/4	2 1/16	5/8	1 1/8	1 1/8	49/64	2	0.58
20	3.457	3.196	2.890	H41SH20	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	0.82
21	3.618	3.355	3.040	H41SH21	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	0.88
22	3.778	3.513	3.207	H41SH22	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	0.93
23	3.938	3.672	3.357	H41SH23	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	0.99
24	4.098	3.831	3.525	H41SH24	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.00
25	4.258	3.989	3.675	H41SH25	S	SH	1 5/8	2 11/16	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.10
26	4.418	4.148	3.842	H41SH26	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.40
27	4.578	4.307	3.994	H41SH27	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.50
28	4.738	4.465	4.159	H41SH28	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.50
30	5.057	4.783	4.477	H41SH30	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.70
32	5.376	5.101	4.794	41SH32	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	1.90
35	5.856	5.578	5.266	41SH35	S	SH	1 5/8	3	13/16	1 7/16	1 7/16	1 1/32	2 11/16	2.10
36	6.015	5.737	5.431	41SDS36	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	2.30
40	6.653	6.373	6.067	41SDS40	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	2.70
42	6.972	6.691	6.385	41SDS42	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	2.90
45	7.450	7.168	6.858	41SDS45	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	3.30
48	7.928	7.645	7.339	41SDS48	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	3.60
54	8.884	8.599	8.294	41SDS54	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	4.40
60	9.840	9.554	9.246	41SDS60	E	SDS	2	3 1/2	3/4	1 1/2	1 1/2	1 3/32	3 3/16	5.30
70	11.433	11.145	10.840	41SK70	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	8.20
72	11.752	11.463	11.156	41SK72	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	8.50
80	13.026	12.736	12.430	41SK80	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	10.10
84	13.663	13.372	13.067	41SK84	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	10.90
96	15.573	15.282	14.976	41SK96	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	13.70
112	18.121	17.827	17.522	41SK112	E	SK	2 5/8	4 1/4	1 1/4	2 1/8	2 1/8	1 41/64	3 7/8	17.90

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
JA	1/2 - 1 1/4	1 1/16 - 1 1/4	1 1/4	0.8
SH	1/2 - 1 5/8	1 7/16 - 1 5/8	1 11/16	0.7
SDS	1/2 - 2	1 11/16 - 1 5/8	2	1.0
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	2.1

Refer to page E-138 for bushing specifications.

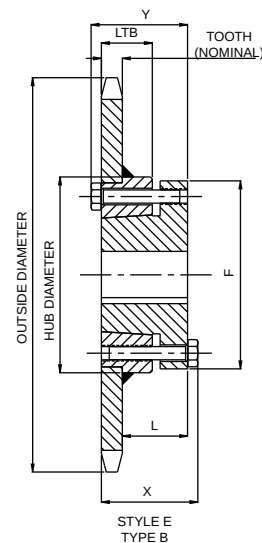
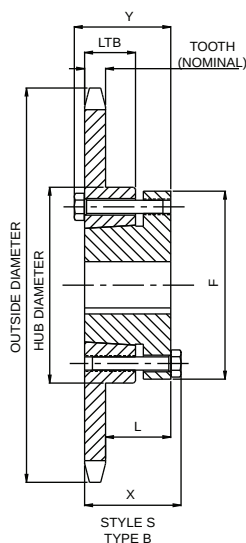
Dimensional Data	
Single Strand Chain Size	41
Pitch	0.500"
Chain Inside Width	0.250"
Roller Diameter	0.306"
Nominal Tooth Width	0.227"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.41 Split Taper

1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1/2" Pitch				LTB										
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
12	2.166	1.932	1.626	H41G12	3	G1	5/8	1	1 7/16	1 3/32	0.227	-	2	0.3
14	2.491	2.247	1.941	H41G14	3	G1	5/8	1	1 7/16	1 3/32	0.227	-	2	0.4
15	2.652	2.405	2.086	H41H15	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.5
16	2.814	2.563	2.257	H41H16	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.5
17	2.974	2.721	2.403	H41H17	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.6
18	3.136	2.879	2.573	H41H18	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.7
19	3.292	3.038	2.722	H41H19	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.8
20	3.457	3.196	2.890	H41H20	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.8
21	3.618	3.355	3.040	H41H21	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.9
22	3.778	3.513	3.207	H41H22	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	0.9
23	3.938	3.672	3.357	H41H23	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.0
24	4.098	3.831	3.525	H41H24	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.1
25	4.258	3.989	3.675	H41H25	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.1
26	4.418	4.148	3.842	H41H26	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.1
27	4.578	4.307	3.994	H41H27	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.1
28	4.738	4.465	4.159	H41H28	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.2
30	5.057	4.783	4.477	H41H30	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.3
32	5.376	5.101	4.794	41H32	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.5
35	5.856	5.578	5.266	41H35	3	H1	7/8	1 1/4	1 1/2	1 3/32	0.227	-	2 1/2	1.8
36	6.015	5.737	5.431	41P36	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	2.5
40	6.653	6.373	6.067	41P40	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	3.0
42	6.972	6.691	6.385	41P42	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	3.1
45	7.450	7.168	6.858	41P45	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	3.5
48	7.928	7.645	7.339	41P48	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	4.0
54	8.884	8.599	8.294	41P54	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	4.6
60	9.840	9.554	9.246	41P60	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	5.5
70	11.433	11.145	10.840	41P70	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	7.0
72	11.752	11.463	11.156	41P72	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	7.9
80	13.026	12.736	12.430	41P80	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	9.3
84	13.663	13.372	13.067	41P84	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	9.7
96	15.573	15.282	14.976	41P96	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	13.0
112	18.121	17.827	17.522	41P112	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.227	-	3	18.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

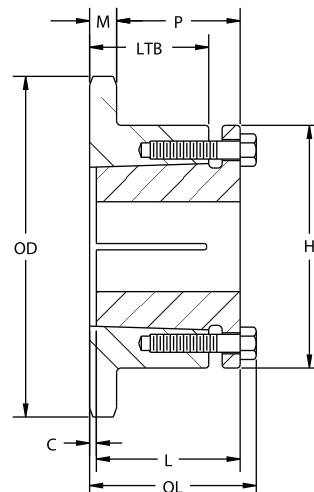
Single Strand Chain	41
Size	41
Pitch	0.500"
Chain Inside Width	0.250"
Roller Diameter	0.306"
Nominal Tooth Width	0.227"



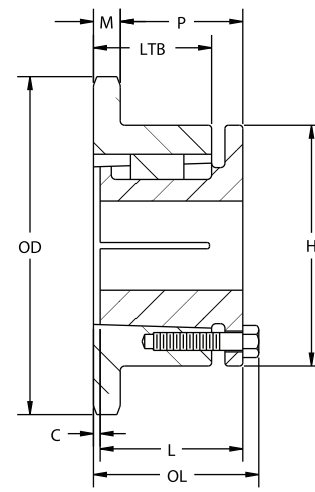
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	1/2" Pitch Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	1.507	1.307	.995				H40B8	S	1/2	1/2	31/32 ▲		0.12
9	1.674	1.462	1.127				H40B9	S	1/2	5/8	1 1/8 ▲		0.22
10	1.839	1.618	1.305				H40B10	S	1/2	3/4	1 1/4 ▲		0.25
11	2.003	1.775	1.444				H40B11	S	1/2	7/8	1 5/32 ▲		0.38
12	2.166	1.932	1.620	H40A12	1/2	0.26	H40B12	S	1/2	1	1 9/16 ▲		0.44
13	2.328	2.089	1.761	H40A13	1/2	0.30	H40B13	S	1/2	1	1 9/16		0.50
14	2.490	2.247	1.934	H40A14	1/2	0.34	H40B14	S	1/2	1	1 11/16		0.57
15	2.652	2.405	2.079	H40A15	5/8	0.38	H40B15	S	1/2	1 1/16	1 13/16		0.69
16	2.814	2.563	2.250	H40A16	5/8	0.41	H40B16	S	5/8	1 1/4	2		0.81
17	2.974	2.721	2.397	H40A17	5/8	0.44	H40B17	S	5/8	1 5/16	2 1/8		0.94
18	3.136	2.879	2.567	H40A18	5/8	0.46	H40B18	S	5/8	1 1/2	2 5/16		1.12
19	3.292	3.038	2.715	H40A19	5/8	0.52	H40B19	S	5/8	1 3/4	2 1/2		1.30
20	3.457	3.196	2.883	H40A20	5/8	0.58	H40B20	S	5/8	1 3/4	2 5/8		1.60
21	3.618	3.355	3.033	H40A21	5/8	0.64	H40B21	S	5/8	1 3/4	2 5/32		1.80
22	3.778	3.513	3.201	H40A22	5/8	0.70	H40B22	E	5/8	1 3/4	2 1/2		2.00
23	3.938	3.672	3.351	H40A23	5/8	0.77	H40B23	E	5/8	1 3/4	2 1/2		2.10
24	4.098	3.831	3.518	H40A24	5/8	0.84	H40B24	E	5/8	1 3/4	2 1/2		2.20
25	4.258	3.989	3.669	H40A25	5/8	0.91	H40B25	E	5/8	1 3/4	2 1/2		2.30
26	4.418	4.148	3.835	H40A26	5/8	1.00	H40B26	E	5/8	1 3/4	2 1/2		2.40
27	4.578	4.307	3.987	H40A27	5/8	1.10	H40B27	E	5/8	1 3/4	2 1/2		2.50
28	4.738	4.465	4.153	H40A28	5/8	1.10	H40B28	E	5/8	1 3/4	2 1/2		2.50
29	4.898	4.625	4.305	H40A29	5/8	1.20	H40B29	E	5/8	1 3/4	2 1/2		2.60
30	5.057	4.783	4.471	H40A30	5/8	1.30	H40B30	E	5/8	1 3/4	2 1/2		2.70
31	5.217	4.942	4.623	40A31	3/4	1.40	40B31	E	3/4	1 3/4	2 1/2		2.70
32	5.376	5.101	4.788	40A32	3/4	1.50	40B32	E	3/4	1 3/4	2 1/2		2.80
33	5.536	5.260	4.941	40A33	3/4	1.60	40B33	E	3/4	1 3/4	2 1/2		2.90
34	5.696	5.419	5.107	40A34	3/4	1.70	40B34	E	3/4	1 3/4	2 1/2		3.00
35	5.856	5.578	5.260	40A35	3/4	1.80	40B35	E	3/4	1 3/4	2 1/2		3.10
36	6.015	5.737	5.425	40A36	3/4	1.90	40B36	E	3/4	1 3/4	2 1/2		3.20
37	6.174	5.896	5.578	40A37	3/4	2.00	40B37	E	3/4	2	3		3.50

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

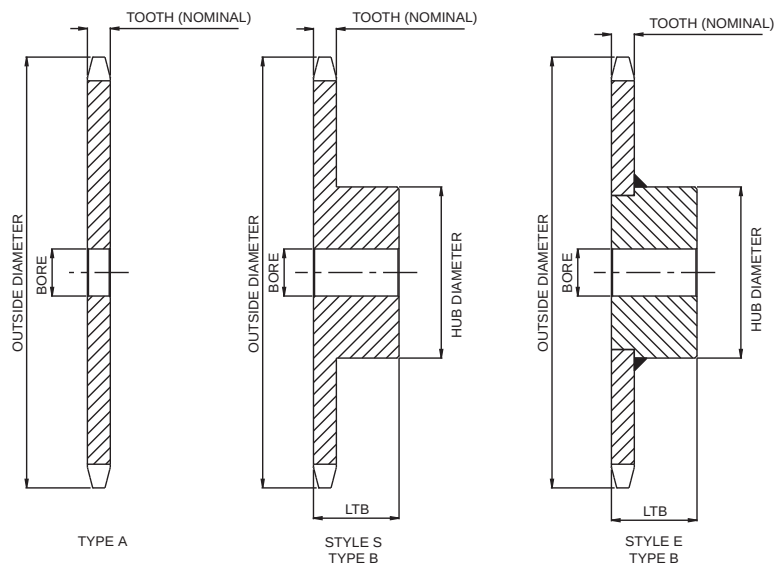
Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.40 Stock Bore

1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
38	6.334	6.055	5.742	40A38	3/4	2.1	40B38	E	3/4	2	3	1 1/8	3.8
39	6.494	6.214	5.896	40A39	3/4	2.2	40B39	E	3/4	2	3	1 1/8	3.9
40	6.653	6.373	6.061	40A40	3/4	2.4	40B40	E	3/4	2	3	1 1/8	4.1
41	6.812	6.532	6.214	40A41	3/4	2.5	40B41	E	3/4	2	3	1 1/8	4.2
42	6.972	6.691	6.379	40A42	3/4	2.6	40B42	E	3/4	2	3	1 1/8	4.3
43	7.132	6.850	6.532	40A43	3/4	2.7	40B43	E	3/4	2	3	1 1/8	4.5
44	7.291	7.009	6.696	40A44	3/4	2.9	40B44	E	3/4	2	3	1 1/8	4.6
45	7.450	7.168	6.851	40A45	3/4	3.0	40B45	E	3/4	2	3	1 1/8	4.7
46	7.609	7.327	7.014	40A46	3/4	3.1	40B46	E	3/4	2	3	1 1/8	4.9
47	7.769	7.486	7.169	40A47	3/4	3.3	40B47	E	3/4	2	3	1 1/8	5.1
48	7.928	7.645	7.332	40A48	3/4	3.4	40B48	E	3/4	2	3	1 1/8	5.2
49	8.088	7.804	7.487	40A49	3/4	3.5	40B49	E	3/4	2	3	1 1/8	5.3
50	8.248	7.963	7.650	40A50	3/4	3.7	40B50	E	3/4	2	3	1 1/8	5.4
51	8.406	8.122	7.805	40A51	3/4	3.8	40B51	E	3/4	2	3	1 1/8	5.5
52	8.566	8.281	7.968	40A52	3/4	4.0	40B52	E	3/4	2	3	1 1/8	5.6
53	8.725	8.440	8.124	40A53	3/4	4.2	40B53	E	3/4	2	3	1 1/8	5.8
54	8.884	8.599	8.286	40A54	3/4	4.3	40B54	E	3/4	2	3	1 1/8	6.0
55	9.044	8.758	8.442	40A55	3/4	4.5	40B55	E	3/4	2	3	1 1/8	6.2
56	9.204	8.917	8.605	40A56	3/4	4.6	40B56	E	3/4	2	3	1 1/8	6.4
57	9.362	9.077	8.760	40A57	3/4	4.8	40B57	E	3/4	2	3	1 1/8	6.6
58	9.522	9.235	8.924	40A58	3/4	5.0	40B58	E	3/4	2	3	1 1/8	6.8
59	9.682	9.395	9.078	40A59	3/4	5.2	40B59	E	3/4	2	3	1 1/8	6.9
60	9.840	9.554	9.241	40A60	3/4	5.3	40B60	E	3/4	2	3	1 1/8	7.0
70	11.433	11.145	10.832	40A70	1	7.2	40B70	E	1	2	3	1 1/8	8.9
72	11.752	11.463	11.151	40A72	1	7.7	40B72	E	1	2	3	1 1/8	9.5
80	13.026	12.736	12.423	40A80	1	9.5	40B80	E	1	2	3	1 1/8	11.2
84	13.663	13.372	13.059	40A84	1	10.4	40B84	E	1	2	3	1 1/8	12.1
96	15.573	15.282	14.969	40A96	1	13.7	40B96	E	1	2	3	1 1/8	15.4
112	18.121	17.827	17.515	40A112	1	18.6	40B112	E	1	2	3	1 1/8	20.3

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

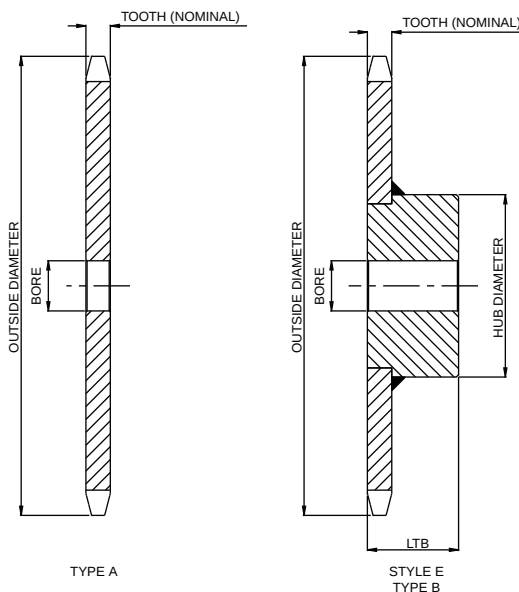
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.40 Finished Bore

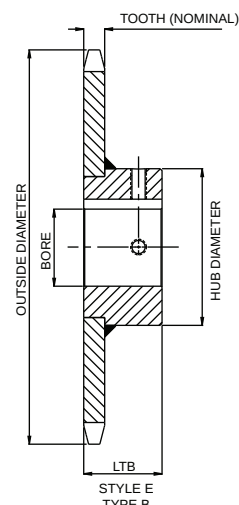
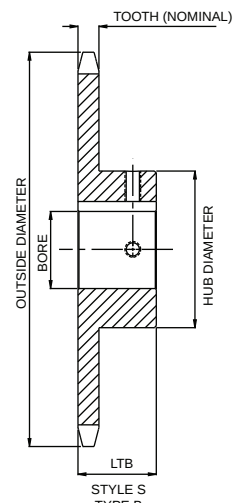
1/2" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Style	Sprocket Diameters 1/2" Pitch			Stock finished bores (including keyway and 2 set screws)
			Outside Diameter	Pitch Diameter	Caliper Diameter	
9	H40B9F	S	1.674	1.462	1.127	1/2 5/8
10	H40B10F	S	1.839	1.618	1.305	1/2 5/8 3/4
11	H40B11F	S	2.003	1.775	1.444	1/2 5/8 3/4 7/8
12	H40B12F	S	2.166	1.932	1.620	1/2 5/8 3/4 7/8 1
13	H40B13F	S	2.328	2.089	1.761	1/2 5/8 3/4 7/8 1
14	H40B14F	S	2.490	2.247	1.934	1/2 5/8 3/4 7/8 1
15	H40B15F	S	2.652	2.405	2.079	1/2 5/8 3/4 7/8 1 1 1/8 1 3/16 • 1 1/4 •
16	H40B16F	S	2.814	2.563	2.250	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4
17	H40B17F	S	2.974	2.721	2.397	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4
18	H40B18F	S	3.136	2.879	2.567	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 • 1 1/2 •
19	H40B19F	S	3.292	3.038	2.715	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
20	H40B20F	S	3.457	3.196	2.883	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
21	H40B21F	S	3.618	3.355	3.033	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
22	H40B22F	E	3.778	3.513	3.201	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
23	H40B23F	E	3.938	3.672	3.351	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
24	H40B24F	E	4.098	3.831	3.518	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
25	H40B25F	E	4.258	3.989	3.669	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
26	H40B26F	E	4.418	4.148	3.835	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
27	H40B27F	E	4.578	4.307	3.987	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
28	H40B28F	E	4.738	4.465	4.153	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
29	H40B29F	E	4.898	4.625	4.305	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
30	H40B30F	E	5.057	4.783	4.471	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
31	40B31F	E	5.217	4.942	4.623	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
32	40B32F	E	5.376	5.101	4.788	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
33	40B33F	E	5.536	5.260	4.941	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
34	40B34F	E	5.696	5.419	5.107	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
35	40B35F	E	5.856	5.578	5.260	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
36	40B36F	E	6.015	5.737	5.425	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
37	40B37F	E	6.174	5.896	5.578	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
38	40B38F	E	6.334	6.055	5.742	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
39	40B39F	E	6.494	6.214	5.896	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
40	40B40F	E	6.653	6.373	6.061	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
41	40B41F	E	6.812	6.532	6.214	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
42	40B42F	E	6.972	6.691	6.379	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
43	40B43F	E	7.132	6.850	6.532	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
44	40B44F	E	7.291	7.009	6.696	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
45	40B45F	E	7.450	7.168	6.851	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
46	40B46F	E	7.609	7.327	7.014	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
47	40B47F	E	7.769	7.486	7.169	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
48	40B48F	E	7.928	7.645	7.332	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
49	40B49F	E	8.088	7.804	7.487	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
50	40B50F	E	8.248	7.963	7.650	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
51	40B51F	E	8.406	8.122	7.805	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
52	40B52F	E	8.566	8.281	7.968	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
53	40B53F	E	8.725	8.440	8.124	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
54	40B54F	E	8.884	8.599	8.286	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
55	40B55F	E	9.044	8.758	8.442	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
56	40B56F	E	9.204	8.917	8.605	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
57	40B57F	E	9.362	9.077	8.760	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
58	40B58F	E	9.522	9.235	8.924	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
59	40B59F	E	9.682	9.395	9.078	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
60	40B60F	E	9.840	9.554	9.241	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
70	40B70F	E	11.433	11.145	10.832	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
72	40B72F	E	11.752	11.463	11.151	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
80	40B80F	E	13.026	12.736	12.423	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
84	40B84F	E	13.663	13.372	13.059	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
96	40B96F	E	15.573	15.282	14.969	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2
112	40B112F	E	18.121	17.827	17.515	5/8 3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 7/16 1 1/2



Dimensional Data

Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

Hub diameters may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

* Indicates set screw at 90° and 180° from keyway.



No.40 Stainless Steel

1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
10	1.839	1.618	1.305				SS40B10	S	1/2	3/4	1 1/4 ▲	7/8	0.28
11	2.003	1.775	1.444				SS40B11	S	1/2	13/16	1 3/8 ▲	7/8	0.36
12	2.166	1.932	1.620				SS40B12	S	1/2	15/16	1 9/16 ▲	7/8	0.44
13	2.328	2.089	1.761				SS40B13	S	1/2	1 1/16	1 9/16	7/8	0.50
14	2.490	2.247	1.934				SS40B14	S	1/2	1 1/8	1 11/16	7/8	0.60
15	2.652	2.405	2.079				SS40B15	S	1/2	1 1/4	1 13/16	7/8	0.68
16	2.814	2.563	2.250				SS40B16	S	5/8	1 3/8	2	7/8	0.82
17	2.974	2.721	2.397				SS40B17	S	5/8	1 7/16	2 1/8	1	1.20
18	3.136	2.879	2.567				SS40B18	S	5/8	1 1/2	2 5/16	1	1.24
19	3.292	3.038	2.715				SS40B19	S	5/8	1 3/4	2 1/2	1	1.42
20	3.457	3.196	2.883				SS40B20	S	5/8	1 7/8	2 5/8	1	1.60
21	3.618	3.355	3.033				SS40B21	S	5/8	1 7/8	2 3/4	1	1.68
22	3.778	3.513	3.201				SS40B22	S	5/8	2	2 7/8	1	1.81
23	3.938	3.672	3.351				SS40B23	S	5/8	2	3	1	2.18
24	4.098	3.831	3.518	SS40A24	19/32	0.8	SS40B24	D	5/8	2	3	1	2.20
25	4.258	3.989	3.669	SS40A25	19/32	0.9	SS40B25	D	5/8	2	3	1	2.39
26	4.418	4.148	3.835	SS40A26	19/32	1.3	SS40B26	D	5/8	2	3	1	2.40
28	4.738	4.465	4.153	SS40A28	19/32	1.3	SS40B28	D	5/8	2	3	1	2.75
30	5.057	4.783	4.471	SS40A30	19/32	1.3	SS40B30	D	5/8	2	3	1	2.88
35	5.856	5.578	5.260	SS40A35	19/32	1.9	SS40B35	D	5/8	2	3	1	3.32
40	6.653	6.373	6.061	SS40A40	19/32	2.3	SS40B40	D	5/8	2	3	1	4.28
45	7.450	7.168	6.851	SS40A45	19/32	3.1	SS40B45	D	5/8	2	3	1	4.68
60	9.840	9.554	9.241	SS40A60	19/32	5.5	SS40B60	D	5/8	2	3	1	7.00

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

▲ There is a recessed groove in the hub to allow for chain clearance.

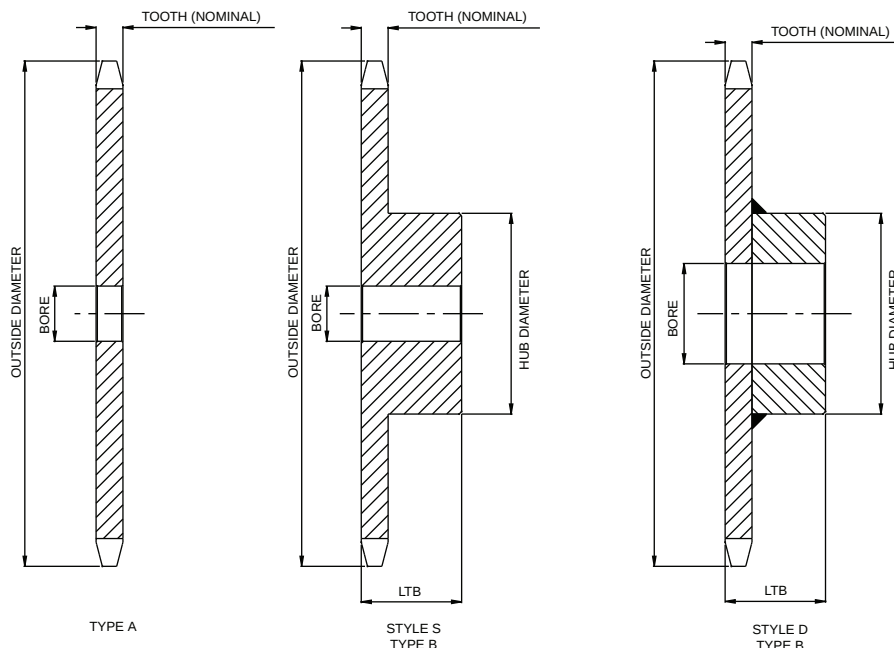
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.40 Multiple Strand

1/2" Pitch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters					40-2						40-3							
½" Pitch					Double Strand (Type B)						Triple Strand (Type B)							
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)		
11	2.003	1.775	1.444	½	HD40B11	S	¾	1⅞	▲	1½	0.6	HT40B11	S	¾	1⅞	▲	2⅞	0.8
12	2.166	1.932	1.620	½	HD40B12	S	⅞	1⅞	▲	1½	0.7	HT40B12	S	⅞	1⅞	▲	2⅞	1.1
13	2.328	2.089	1.761	½	HD40B13	S	1	1½		1½	0.8	HT40B13	S	1	1½		2⅞	1.2
14	2.490	2.247	1.934	½	HD40B14	S	1⅞	1⅞		1½	1.0	HT40B14	S	1⅞	1⅞		2⅞	1.5
15	2.650	2.405	2.079	½	HD40B15	S	1¼	1⅞		1½	1.2	HT40B15	S	1¼	1⅞		2⅞	1.7
16	2.814	2.563	2.250	⅝	HD40B16	S	1⅞	1⅞		1½	1.4	HT40B16	S	1⅞	1⅞		2⅞	2.0
17	2.974	2.721	2.397	⅝	HD40B17	S	1⅞	2⅞		1½	1.6	HT40B17	S	1⅞	2⅞		2⅞	2.4
18	3.136	2.879	2.567	⅝	HD40B18	S	1½	2⅞		1½	1.9	HT40B18	S	1½	2⅞		2⅞	2.7
19	3.292	3.038	2.715	⅝	HD40B19	S	1⅝	2⅞		1½	2.1	HT40B19	S	1⅝	2⅞		2⅞	3.1
20	3.457	3.196	2.883	⅝	HD40B20	S	1¾	2⅞		1⅝	2.6	HT40B20	S	1¾	2⅞		2¼	3.7
21	3.618	3.355	3.033	⅝	HD40B21	S	1⅞	2⅞		1⅝	2.9	HT40B21	S	1⅞	2⅞		2¼	4.1
22	3.778	3.513	3.201	⅝	HD40B22	S	1⅞	2⅞		1⅝	3.3	HT40B22	S	1⅞	2⅞		2¼	4.6
23	3.938	3.672	3.351	⅝	HD40B23	S	2	3⅞		1⅝	3.6	HT40B23	S	2	3⅞		2¼	5.1
24	4.098	3.831	3.518	⅝	HD40B24	S	2¼	3⅞		1⅝	4.0	HT40B24	S	2¼	3⅞		2¼	5.6
25	4.258	3.989	3.669	⅝	HD40B25	S	2¼	3⅞		1⅝	4.4	HT40B25	S	2¼	3⅞		2¼	6.2
26	4.418	4.148	3.835	⅝	HD40B26	S	2⅞	3⅞		1⅝	4.8	HT40B26	S	2⅞	3⅞		2¼	6.8
30	5.057	4.783	4.471	1⅞	HD40B30	S	2¼	3¼		1⅝	5.6	HT40B30	S	2¼	3¼		2¼	8.0
35	5.856	5.578	5.260	1⅞	D40B35	S	2¼	3¼		1⅝	7.1	T40B35	S	2¼	3¼		2¼	10.5
36	6.015	5.737	5.425	1⅞	D40B36	S	2½	3¼		1¾	9.4	T40B36	S	2½	3¼		2⅞	12.2
40	6.653	6.373	6.061	1⅞	D40B40	S	2½	3¼		1¾	10.8							
42	6.972	6.691	6.379	1⅞	D40B42	S	2½	3¼		1¾	11.6	T40B42	D	2½	3¼		2⅞	15.7
45	7.450	7.168	6.851	1⅞	D40B45	S	2½	3¼		1¾	12.9							
48	7.928	7.645	7.332	1⅞	D40B48	S	2½	3¼		1¾	14.2	T40B48	D	2½	3¼		2⅞	19.8
52	8.566	8.821	7.968	1⅞	D40B52	S	2½	3¼		1¾	16.2	T40B52	D	2½	3¼		2⅞	22.9
54	8.884	8.599	8.286	1⅞	D40B54	S	2½	3¼		1¾	17.2							
60	9.840	9.554	9.241	1⅞	D40B60	S	2½	3¼		1¾	20.6	T40B60	D	2½	3¼		2⅞	29.8
68	11.115	10.826	10.514	1⅞	D40B68	D	2¾	4		2⅞	26.3	T40B68	D	2¾	4		2⅞	38.4
72	11.752	11.463	11.151	1⅞	D40B72	D	2¾	4		2⅞	29.1	T40B72	D	2¾	4		2⅞	42.7
76	12.389	12.099	11.786	1⅞	D40B76	D	2⅞	4¼		2⅞	32.6	T40B76	D	2⅞	4¼		2¾	47.8
84	13.660	13.372	13.059	1⅞	D40B84	D	2⅞	4¼		2⅞	38.9	T40B84	D	2⅞	4¼		2¾	57.8
96	15.570	15.282	14.969	1⅞	D40B96	D	2⅞	4¼		2⅞	51.3							
112	18.121	17.827	17.515	1⅞	D40B112	D	2⅞	4¼		2⅞	67.8							

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain **40**
Size 40-2
Pitch 0.500"
Chain Inside Width 0.313"
Roller Diameter 0.313"
Nominal Tooth Width 0.275"
Plate Thickness 0.841"

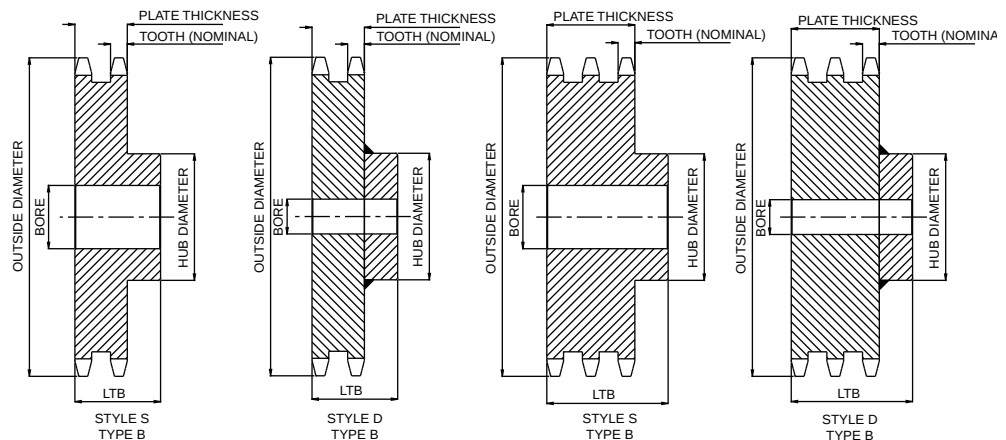
Triple Strand Chain **40**
Size 40-3
Pitch 0.500"
Chain Inside Width 0.313"
Roller Diameter 0.313"
Nominal Tooth Width 0.275"
Plate Thickness 1.407"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).





No.40 Double Single

1/2" Pitch

Stock Bore

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
15	HDS40A15	2.65	1/2	1 1/4	1 13/32	1 1/8	1 13/16	1.2
16	HDS40A16	2.81	1/2	1 1/4	1 13/32	1 1/8	2	1.4
17	HDS40A17	2.98	1/2	1 15/16	1 13/32	1 1/8	2 1/8	1.6
18	HDS40A18	3.14	1/2	1 1/2	1 13/32	1 1/8	2 5/16	1.8
19	HDS40A19	3.30	5/8	1 11/16	1 13/32	1 1/8	2 1/2	2.2
20	HDS40A20	3.46	5/8	1 3/4	1 13/32	1 1/8	2 5/8	2.6
21	HDS40A21	3.62	5/8	1 3/4	1 13/32	1 1/8	2 25/32	2.9
22	HDS40A22	3.78	5/8	1 15/16	1 13/32	1 1/8	2 15/16	3.0
23	HDS40A23	3.94	5/8	2 1/16	1 13/32	1 1/8	3 3/32	3.5
24	HDS40A24	4.10	5/8	2 1/4	1 13/32	1 1/8	3 17/64	4.0

"Taper-Lock" Style

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Bushing	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
19	HDS40ATL19	3.30	1215	1/2	1 1/4	1 13/32	1 1/8	2 1/2	1.1
20	HDS40ATL20	3.46	1215	1/2	1 1/4	1 13/32	1 1/8	2 5/8	1.3
21	HDS40ATL21	3.62	1615	1/2	1 5/8	1 13/32	1 1/8	2 25/32	1.3
23	HDS40ATL23	3.94	1615	1/2	1 5/8	1 13/32	1 1/8	3 3/32	1.5
24	HDS40ATL24	4.10	1615	1/2	1 5/8	1 13/32	1 1/8	3 17/64	1.7

Other bushing sizes available. Please specify bushing size when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
1215	1/2 - 1 1/4	0.70
1615	1/2 - 1 5/8	1.00

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

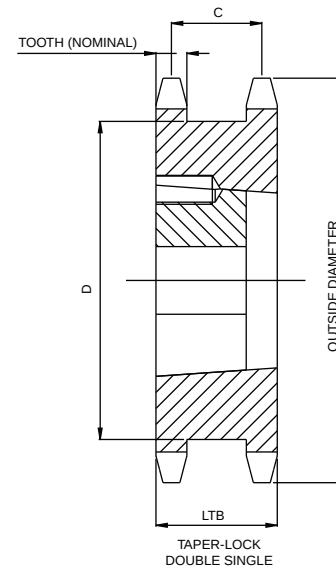
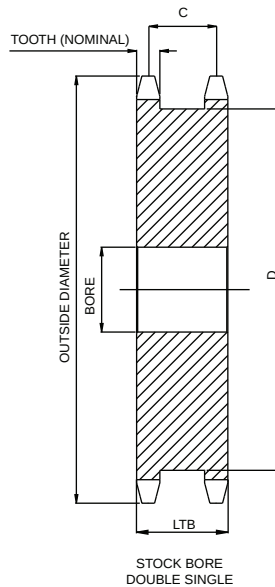
Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.40 Single "Taper Lock" Style

1/2" Pitch



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All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
1/2" Pitch				Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter							
14	2.491	2.247	1.934	H40BTL14	S	1008	1	1 ¹³ / ₁₆ ▲	7/8	0.3
15	2.652	2.405	2.079	H40BTL15	S	1008	1	1 ¹³ / ₁₆	7/8	0.4
16	2.814	2.563	2.250	H40BTL16	S	1008	1	1 ¹⁵ / ₁₆	7/8	0.5
17	2.975	2.721	2.397	H40BTL17	S	1210	1 1/4	2 3/8 ▲	1	0.5
18	3.135	2.879	2.567	H40BTL18	S	1210	1 1/4	2 ¹⁵ / ₃₂ ▲	1	0.6
19	3.296	3.038	2.715	H40BTL19	S	1210	1 1/4	2 ¹⁵ / ₃₂	1	0.7
20	3.457	3.196	2.883	H40BTL20	S	1610	1 5/8	2 ²⁵ / ₃₂ ▲	1	0.7
21	3.617	3.355	3.033	H40BTL21	S	1610	1 5/8	2 ²⁵ / ₃₂	1	0.8
22	3.778	3.513	3.201	H40BTL22	S	1610	1 5/8	2 ²⁵ / ₃₂	1	0.9
23	3.938	3.672	3.351	H40BTL23	S	1610	1 5/8	3	1	1.0
24	4.098	3.831	3.518	H40BTL24	S	1610	1 5/8	3 1/4	1	1.4
25	4.258	3.989	3.669	H40BTL25	S	1610	1 5/8	3 1/4	1	1.5
26	4.418	4.148	3.835	H40BTL26	S	1610	1 5/8	3 1/4	1	1.7
28	4.738	4.465	4.153	H40BTL28	E	1610	1 5/8	3	1	1.8
30	5.057	4.783	4.471	H40BTL30	E	1610	1 5/8	3	1	1.9
32	5.377	5.101	4.788	40BTL32	E	1610	1 5/8	3	1	1.9
35	5.855	5.578	5.260	40BTL35	E	1610	1 5/8	3	1	2.3
36	6.015	5.737	5.425	40BTL36	E	1610	1 5/8	3	1	2.4
40	6.653	6.373	6.061	40BTL40	E	1610	1 5/8	3	1	2.8
42	6.972	6.691	6.379	40BTL42	E	1610	1 5/8	3	1	2.9
45	7.451	7.168	6.851	40BTL45	E	1610	1 5/8	3	1	3.5
48	7.928	7.645	7.332	40BTL48	E	1610	1 5/8	3	1	4.0
54	8.885	8.599	8.286	40BTL54	E	1610	1 5/8	3	1	4.9
60	9.841	9.554	9.241	40BTL60	E	1610	1 5/8	3	1	6.0
70	11.434	11.145	10.832	40BTL70	E	2012	2	3 5/8	1 1/4	8.2
72	11.752	11.463	11.151	40BTL72	E	2012	2	3 5/8	1 1/4	9.0
80	13.026	12.736	12.423	40BTL80	E	2012	2	3 5/8	1 1/4	10.8
84	13.663	13.372	13.059	40BTL84	E	2012	2	3 5/8	1 1/4	11.3
96	15.573	15.822	14.969	40BTL96	E	2012	2	3 5/8	1 1/4	14.6
112	18.122	17.827	17.515	40BTL112	E	2517	2 1/2	4 1/4	1 3/4	20.5

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.

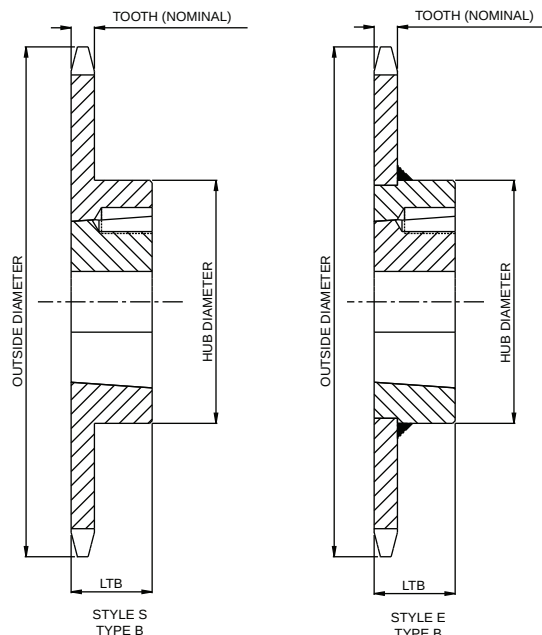
Dimensional Data	
Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.40 Double "Taper-Lock" Style

1/2" Pltch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A,B,C							
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
15	2.652	2.405	2.079	HD40ATL15	A	S	1008	1	-	7/8	0.5
16	2.814	2.563	2.250	HD40ATL16	A	S	1008	1	-	7/8	0.6
17	2.975	2.721	2.397	HD40ATL17	A	S	1008	1	-	7/8	0.8
18	3.135	2.879	2.567	HD40BTL18	B	S	1210	1 1/4	2 5/16	1	0.7
19	3.296	3.038	2.715	HD40BTL19	B	S	1210	1 1/4	2 1/2	1	0.9
20	3.457	3.196	2.883	HD40BTL20	B	S	1610	1 5/8	2 5/8	1	0.7
21	3.617	3.355	3.033	HD40BTL21	B	S	1610	1 5/8	2 3/4	1	0.9
23	3.938	3.672	3.351	HD40BTL23	B	S	1610	1 5/8	3	1	1.3
25	4.258	3.989	3.669	HD40BTL25	B	S	2012	2	3 13/32	1 1/4	1.7
30	5.057	4.783	4.471	HD40BTL30	B	S	2012	2	4 15/64	1 1/4	3.4
36	6.015	5.737	5.425	D40BTL36	B	S	2012	2	5 5/32	1 1/4	6.0
42	6.972	6.691	6.379	D40CTL42	C	S	2517	2 1/2	4 1/4	1 3/4	7.0
48	7.928	7.645	7.332	D40CTL48	C	S	2517	2 1/2	4 1/4	1 3/4	9.6
52	8.566	8.281	7.968	D40CTL52	C	S	2517	2 1/2	4 1/4	1 3/4	11.3
60	9.840	9.554	9.241	D40CTL60	C	S	2517	2 1/2	4 1/4	1 3/4	15.4
68	11.115	10.826	10.514	D40CTL68	C	S	2517	2 1/2	4 1/4	1 3/4	20.3
76	12.389	12.099	11.788	D40CTL76	C	S	2517	2 1/2	4 1/4	1 3/4	25.6
84	13.660	13.372	13.059	D40CTL84	C	S	2517	2 1/2	4 1/4	1 3/4	31.5
95	15.414	15.122	14.808	D40CTL95	C	S	2517	2 1/2	4 1/4	1 3/4	40.7
102	16.529	16.238	15.924	D40CTL102	C	S	2517	2 1/2	4 1/4	1 3/4	47.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.

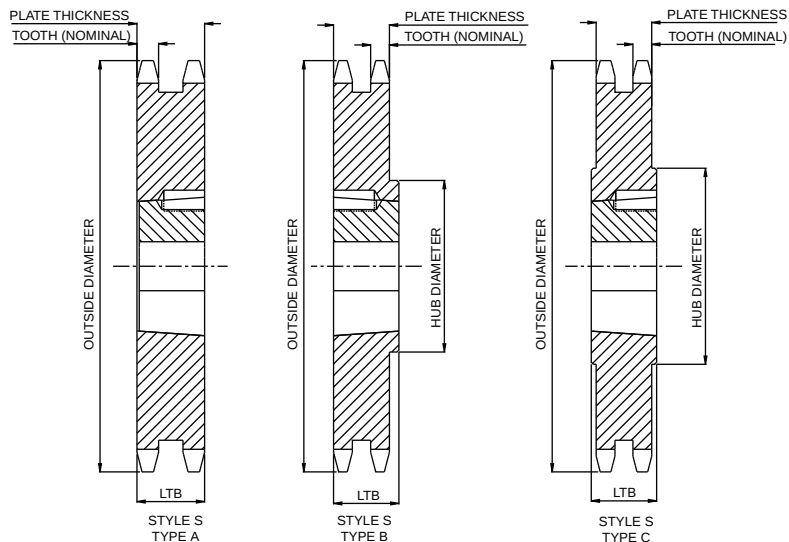
Dimensional Data	
Double Strand Chain	40
Size	40-2
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"
Plate Thickness	0.841"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.40 "QD" Style

1/2" Pltch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B									
1/2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	Weight (lbs.)
15	2.652	2.405	2.079	H40JA15	S	JA	1 1/4	2 1/16 ▲	9/16	1	1	1 19/32	2	0.3
16	2.814	2.563	2.250	H40JA16	S	JA	1 1/4	2 1/16 ▲	9/16	1	1	1 19/32	2	0.4
17	2.974	2.721	2.397	H40JA17	S	JA	1 1/4	2 3/16 ▲	9/16	1	1	1 19/32	2	0.5
18	3.136	2.879	2.567	H40JA18	S	JA	1 1/4	2 1/4 ▲	9/16	1	1	1 19/32	2	0.5
19	3.292	3.038	2.715	H40JA19	S	JA	1 1/4	2 1/4 ▲	9/16	1	1	1 19/32	2	0.6
20	3.457	3.196	2.883	H40SH20	S	SH	1 5/8	2 3/4 ▲	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	0.6
21	3.618	3.355	3.033	H40SH21	S	SH	1 5/8	2 3/4 ▲	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	0.8
22	3.778	3.513	3.201	H40SH22	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.1
23	3.938	3.672	3.351	H40SH23	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.1
24	4.098	3.831	3.518	H40SH24	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.2
25	4.258	3.989	3.669	H40SH25	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.3
26	4.418	4.148	3.835	H40SH26	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.4
27	4.578	4.307	3.997	H40SH27	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.5
28	4.738	4.465	4.153	H40SH28	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.6
30	5.057	4.783	4.471	H40SH30	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.7
32	5.376	5.101	4.788	40SH32	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	1.9
35	5.856	5.578	5.260	40SH35	S	SH	1 5/8	3	1 1/16	1 3/8	1 3/8	2 29/32	2 11/16	2.2
36	6.015	5.737	5.425	40SDS36	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	2.3
40	6.653	6.373	6.061	40SDS40	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	2.8
42	6.972	6.691	6.379	40SDS42	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	3.0
45	7.450	7.168	6.851	40SDS45	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	3.4
48	7.928	7.645	7.332	40SDS48	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	3.9
54	8.884	8.599	8.286	40SDS54	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	4.7
60	9.840	9.554	9.241	40SDS60	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	3 1/32	3 3/16	5.8
70	11.433	11.145	10.832	40SK70	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	9.0
72	11.752	11.463	11.151	40SK72	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	9.1
80	13.026	12.736	12.423	40SK80	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	11.1
84	13.663	13.372	13.059	40SK84	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	11.6
96	15.573	15.822	14.969	40SK96	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	15.3
112	18.121	17.827	17.515	40SK112	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 17/32	3 7/8	19.5

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
JA	1/2 - 1 1/4	1 1/16 - 1 1/4	1 1/4	0.8
SH	1/2 - 1 5/8	1 7/16 - 1 15/16	1 11/16	0.7
SDS	1/2 - 2	1 11/16 - 1 15/16	2	1.0
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	2.1

Refer to page E-138 for bushing specifications.

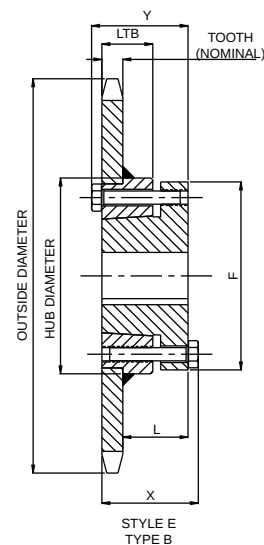
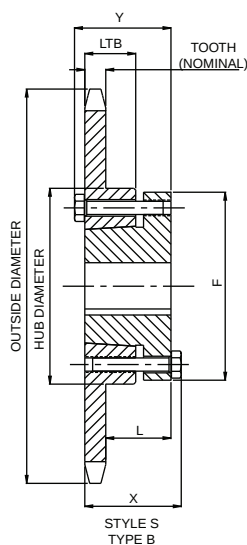
Dimensional Data	
Single Strand Chain Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.40 Single Split Taper

1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1/2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
12	2.166	1.932	1.620	H40G12	3	G1	7/8	1	1 1/2	1 1/32	0.284	5/16	2	0.3
13	2.329	2.089	1.761	H40G13	3	G1	7/8	1	1 1/2	1 1/32	0.284	5/16	2	0.4
14	2.491	2.247	1.934	H40G14	3	G1	7/8	1	1 1/2	1 1/32	0.284	5/16	2	0.4
15	2.652	2.405	2.079	H40H15	3	H1	1	1 1/4	1 19/32	1 1/8	0.284	5/32	2 1/2	0.5
16	2.814	2.563	2.250	H40H16	3	H1	1	1 1/4	1 19/32	1 1/8	0.284	5/32	2 1/2	0.6
17	2.975	2.721	2.397	H40H17	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	0.6
18	3.136	2.879	2.567	H40H18	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	0.6
18	3.136	2.879	2.567	H40P18	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.4
19	3.296	3.038	2.715	H40H19	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	0.8
19	3.296	3.038	2.715	H40P19	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.3
20	3.457	3.196	2.883	H40H20	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	0.9
20	3.457	3.196	2.883	H40P20	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.3
21	3.617	3.355	3.033	H40H21	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	0.9
21	3.617	3.355	3.033	H40P21	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.5
22	3.778	3.513	3.201	H40H22	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.0
22	3.778	3.513	3.201	H40P22	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.6
23	3.938	3.672	3.351	H40H23	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.0
23	3.938	3.672	3.351	H40P23	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.7
24	4.098	3.831	3.518	H40H24	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.1
24	4.098	3.831	3.518	H40P24	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.8
25	4.258	3.989	3.669	H40H25	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.3
25	4.258	3.989	3.669	H40P25	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.9
26	4.418	4.148	3.835	H40H26	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.3
26	4.418	4.148	3.835	H40P26	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.9
27	4.578	4.307	3.987	H40H27	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.4
27	4.578	4.307	3.987	H40P27	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	1.4
28	4.738	4.465	4.153	H40H28	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.4
28	4.738	4.465	4.153	H40P28	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.1
29	4.897	4.625	4.305	H40P29	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.3
30	5.057	4.783	4.471	H40H30	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.6
30	5.057	4.783	4.471	H40P30	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.3
31	5.217	4.942	4.623	40P31	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.5
32	5.377	5.101	4.788	40H32	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.8
32	5.377	5.101	4.788	40P32	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.6

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

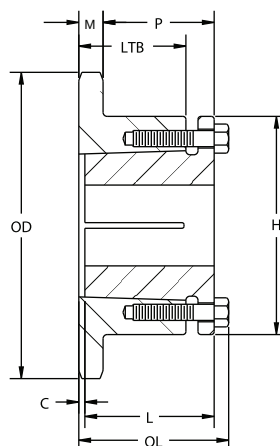
Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



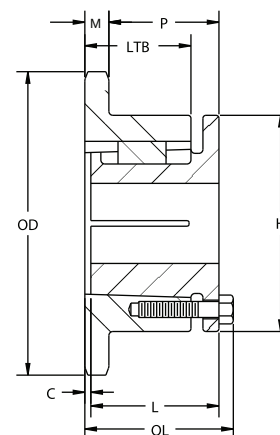
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B

No.40 Single Split Taper

1/2" Pitch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	1/2" Pitch						Weight (lbs.)
								LTB Bushing (L)	OL	P	M	C	H	
33	5.536	5.260	4.941	40H33	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	1.9
33	5.536	5.260	4.941	40P33	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.6
34	5.696	5.419	5.107	40P34	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.8
35	5.855	5.578	5.260	40H35	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	2.1
35	5.855	5.578	5.260	40P35	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	2.9
36	6.015	5.737	5.425	40H36	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	2.3
36	6.015	5.737	5.425	40P36	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.1
37	6.175	5.896	5.578	40P37	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.3
38	6.334	6.055	5.742	40H38	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	2.6
38	6.334	6.055	5.742	40P38	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.3
40	6.653	6.373	6.061	40H40	3	H1	7/8	1 1/4	1 1/2	1 1/32	0.284	1/16	2 1/2	2.8
40	6.653	6.373	6.061	40P40	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.5
41	6.813	6.532	6.214	40P41	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.6
42	6.972	6.691	6.379	40P42	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	3.9
44	7.291	7.009	6.696	40P44	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	4.0
45	7.450	7.168	6.851	40P45	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	4.2
47	7.769	7.486	7.169	40P47	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	4.6
48	7.929	7.645	7.332	40P48	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	4.8
50	8.247	7.963	7.650	40P50	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	5.0
54	8.885	8.599	8.286	40P54	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	5.5
56	9.203	8.917	8.605	40P56	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	5.9
60	9.841	9.554	9.241	40P60	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	6.6
60	9.841	9.554	9.241	40Q60	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	8.8
70	11.433	11.145	10.832	40P70	4	P1	1 5/16	1 15/16	2 3/16	1 21/32	0.284	-	3	8.6
70	11.433	11.145	10.832	40Q70	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	11.0
72	11.752	11.463	11.151	40Q72	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	11.2
80	13.026	12.736	12.423	40Q80	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	13.1
84	13.663	13.372	13.059	40Q84	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	14.1
96	15.573	15.222	14.969	40Q96	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	17.3
112	18.121	17.827	17.515	40Q112	4	Q1	1 3/4	2 1/2	2 25/32	2 7/32	0.284	-	4 1/2	12.8

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

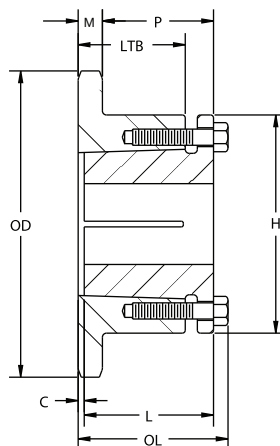
Single Strand Chain	40
Size	40
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.284"



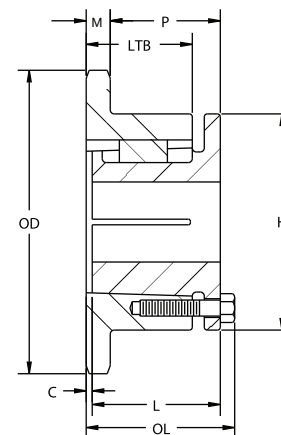
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C											
1/2" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
15	2.652	2.405	2.079	HD40H15	B	11	H1	1 9/16	1 1/4	2 5/32	1 1/8	0.841	23/32	2 1/2	0.9
16	2.814	2.563	2.250	HD40H16	B	11	H1	1 9/16	1 1/4	2 5/32	1 1/8	0.841	23/32	2 1/2	1.0
17	2.975	2.721	2.397	HD40H17	B	11	H1	1 9/16	1 1/4	2 5/32	1 1/8	0.841	23/32	2 1/2	1.1
18	3.136	2.879	2.567	HD40P18	C	16	P1	2 5/16	1 15/16	3 3/16	1 3/8	0.841	1	3	1.8
19	3.296	3.038	2.715	HD40P19	B	12	P1	1 5/8	1 15/16	2 15/32	1 3/8	0.841	9/32	3	1.4
20	3.457	3.196	2.883	HD40P20	B	12	P1	1 9/16	1 15/16	2 13/32	1 3/8	0.841	7/32	3	1.6
21	3.617	3.355	3.033	HD40P21	B	12	P1	1 9/16	1 15/16	2 13/32	1 3/8	0.841	7/32	3	1.8
22	3.778	3.513	3.201	HD40P22	B	12	P1	1 9/16	1 15/16	2 13/32	1 3/8	0.841	7/32	3	2.0
23	3.938	3.672	3.351	HD40P23	B	12	P1	1 5/16	1 15/16	2 3/16	1 3/32	0.841	-	3	2.0
24	4.098	3.831	3.518	HD40P24	B	12	P1	1 5/16	1 15/16	2 3/16	1 3/32	0.841	-	3	2.2
25	4.258	3.989	3.669	HD40P25	B	12	P1	1 5/16	1 15/16	2 3/16	1 3/32	0.841	-	3	2.5
26	4.418	4.148	3.835	HD40P26	B	12	P1	1 5/16	1 15/16	2 3/16	1 3/32	0.841	-	3	2.7
28	4.738	4.465	4.153	HD40P28	B	12	P1	1 5/16	1 15/16	2 3/16	1 3/32	0.841	-	3	3.1
30	5.057	4.783	4.471	HD40Q30	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	3 7/8	4.2
32	5.377	5.101	4.788	D40Q32	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	5.3
35	5.855	5.578	5.260	D40Q35	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	6.1
36	6.015	5.737	5.425	D40Q36	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	6.5
40	6.653	6.373	6.061	D40Q40	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	7.9
42	6.972	6.691	6.379	D40Q42	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	8.9
45	7.450	7.168	6.851	D40Q45	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	10.1
48	7.929	7.645	7.332	D40Q48	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	11.8
52	8.566	8.281	7.968	D40Q52	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	12.6
54	8.885	8.599	8.286	D40Q54	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	14.3
60	9.841	9.554	9.241	D40Q60	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	17.4
68	11.115	10.826	10.514	D40Q68	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	21.5
72	11.752	11.463	11.151	D40Q72	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	25.0
84	13.663	13.372	13.059	D40Q84	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	34.1
95	15.414	15.122	14.808	D40Q95	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	42.0
96	15.573	15.282	14.969	D40Q96	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	44.1
102	16.529	16.238	15.924	D40Q102	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	48.5
112	18.121	17.827	17.515	D40Q112	B	12	Q1	1 3/4	2 1/2	2 25/32	1 21/32	0.841	-	4 1/2	61.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

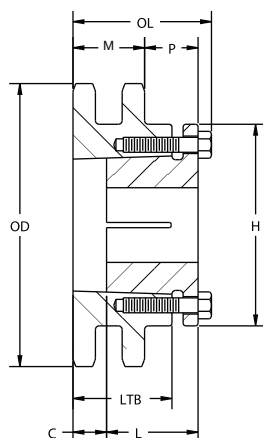
Double Strand Chain **40**
 Size 40-2
 Pitch 0.500"
 Chain Inside Width 0.313"
 Roller Diameter 0.313"
 Nominal Tooth Width 0.275"
 Plate Thickness 0.841"



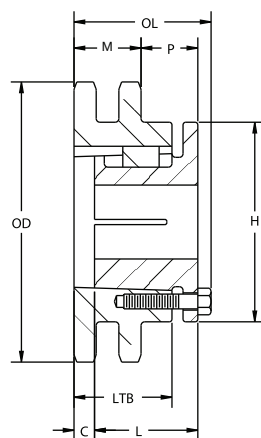
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



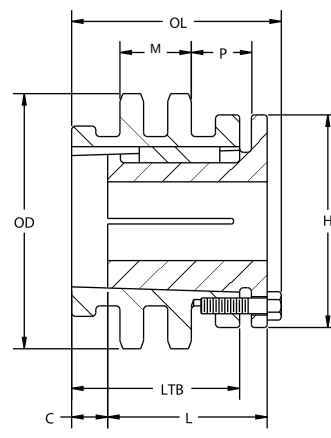
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 11
TYPE B



STYLE 12
TYPE B



STYLE 16
TYPE C

No.40 Triple Split Taper

1/2" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
1/2" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
18	3.136	2.879	2.567	HT40P18	C	27	P1	1.407	1 15/16	3 3/4	1 3/8	1.407	1 9/16	3	1.9
19	3.296	3.038	2.715	HT40P19	B	22	P1	1.407	1 15/16	3 1/32	1 3/8	1.407	27/32	3	1.8
20	3.457	3.196	2.883	HT40P20	B	22	P1	1.407	1 15/16	2 31/32	1 5/16	1.407	25/32	3	2.0
23	3.938	3.672	3.351	HT40P23	A	23	P1	1.407	1 15/16	2 9/32	5/8	1.407	3/32	-	2.3
24	4.098	3.831	3.518	HT40P24	A	23	P1	1.407	1 15/16	2 9/32	5/8	1.407	3/32	-	2.6
25	4.258	3.989	3.669	HT40P25	A	23	P1	1.407	1 15/16	2 9/32	5/8	1.407	3/32	-	3.0
27	4.578	4.307	3.997	HT40P27	A	23	P1	1.407	1 15/16	2 9/32	5/8	1.407	3/32	-	3.3
30	5.057	4.783	4.471	HT40Q30	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	3 7/8	4.5
35	5.855	5.578	5.260	T40Q35	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	6.9
36	6.015	5.737	5.425	T40Q36	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	7.6
42	6.972	6.691	6.379	T40Q42	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	11.1
48	7.929	7.645	7.332	T40Q48	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	15.2
52	8.566	8.281	7.968	T40Q52	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	18.7
54	8.885	8.599	8.286	T40Q54	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	19.9
60	9.841	9.554	9.241	T40Q60	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	25.3
68	11.115	10.826	10.514	T40Q68	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	33.5
72	11.752	11.463	11.151	T40Q72	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	37.9
76	12.389	12.099	11.786	T40Q76	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	42.5
84	13.663	13.372	13.059	T40Q84	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	52.4
95	15.414	15.122	14.808	T40Q95	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	78.5
102	16.529	16.238	15.924	T40Q102	B	22	Q1	1 3/4	2 1/2	2 25/32	1 3/32	1.407	-	4 1/2	78.5

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

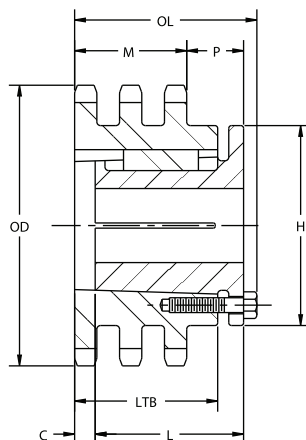
Triple Strand Chain	40
Size	40-3
Pitch	0.500"
Chain Inside Width	0.313"
Roller Diameter	0.313"
Nominal Tooth Width	0.275"



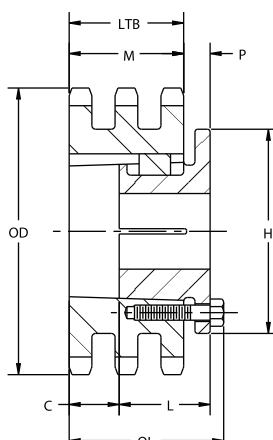
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



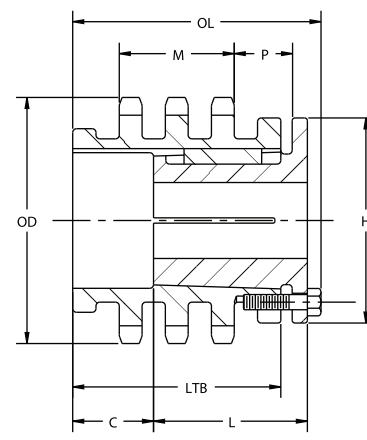
Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



STYLE 22
TYPE B



STYLE 23
TYPE A



STYLE 27
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	1.880	1.633	1.233				H50B8	S	5/8	3/4	1 1/8 ▲	1	0.25
9	2.093	1.828	1.400	H50A9	5/8	.28	H50B9	S	5/8	3/4	1 3/8 ▲	1	0.43
10	2.299	2.023	1.623	H50A10	5/8	.28	H50B10	S	5/8	1	1 9/16 ▲	1	0.49
11	2.504	2.219	1.796	H50A11	5/8	.30	H50B11	S	5/8	1	1 13/16 ▲	1	0.64
12	2.708	2.415	2.015	H50A12	5/8	.33	H50B12	S	5/8	1 1/4	2 ▲	1	0.81
13	2.911	2.612	2.193	H50A13	5/8	.42	H50B13	S	5/8	1 1/4	2 ▲	1	0.92
14	3.113	2.809	2.409	H50A14	5/8	.48	H50B14	S	5/8	1 1/4	2 1/8	1	1.00
15	3.315	3.006	2.590	H50A15	5/8	.54	H50B15	S	5/8	1 1/2	2 3/8	1	1.20
16	3.517	3.204	2.804	H50A16	5/8	.67	H50B16	S	5/8	1 9/16	2 1/2	1	1.40
17	3.718	3.401	2.987	H50A17	5/8	.71	H50B17	S	5/8	1 7/8	2 11/16	1	1.80
18	3.919	3.599	3.199	H50A18	5/8	.82	H50B18	S	5/8	1 7/8	2 7/8	1 1/8	2.20
19	4.121	3.798	3.384	H50A19	5/8	.94	H50B19	S	5/8	2	3	1 1/8	2.50
20	4.321	3.995	3.595	H50A20	5/8	1.00	H50B20	S	5/8	2	3	1 1/8	2.70
21	4.522	4.194	3.782	H50A21	3/4	1.10	H50B21	E	3/4	2	3	1 1/4	2.90
22	4.722	4.392	3.992	H50A22	3/4	1.30	H50B22	E	3/4	2	3	1 1/4	3.00
23	4.923	4.590	4.179	H50A23	3/4	1.40	H50B23	E	3/4	2	3	1 1/4	3.10
24	5.123	4.788	4.388	H50A24	3/4	1.50	H50B24	E	3/4	2	3	1 1/4	3.20
25	5.323	4.987	4.577	H50A25	3/4	1.60	H50B25	E	3/4	2	3	1 1/4	3.30
26	5.523	5.185	4.785	H50A26	3/4	1.80	H50B26	E	3/4	2	3	1 1/4	3.40
27	5.723	5.384	4.975	H50A27	3/4	1.90	H50B27	E	3/4	2	3	1 1/4	3.60
28	5.922	5.582	5.182	H50A28	3/4	2.10	H50B28	E	3/4	2	3	1 1/4	3.80
29	6.122	5.781	5.371	H50A29	3/4	2.20	H50B29	E	3/4	2	3	1 1/4	3.90
30	6.321	5.979	5.579	H50A30	3/4	2.30	H50B30	E	3/4	2	3	1 1/4	4.00
31	6.521	6.178	5.770	50A31	3/4	2.40	50B31	E	3/4	2 1/8	3 1/4	1 3/8	4.90
32	6.721	6.376	5.976	50A32	3/4	2.60	50B32	E	3/4	2 1/8	3 1/4	1 3/8	5.10
33	6.921	6.575	6.168	50A33	3/4	3.00	50B33	E	3/4	2 1/8	3 1/4	1 3/8	5.20
34	7.120	6.774	6.374	50A34	3/4	3.20	50B34	E	3/4	2 1/8	3 1/4	1 3/8	5.30
35	7.319	6.973	6.565	50A35	3/4	3.30	50B35	E	3/4	2 1/8	3 1/4	1 3/8	5.40
36	7.519	7.171	6.771	50A36	3/4	3.50	50B36	E	3/4	2 1/8	3 1/4	1 3/8	5.70
37	7.718	7.370	6.963	50A37	3/4	3.90	50B37	E	3/4	2 1/8	3 1/4	1 3/8	6.00

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

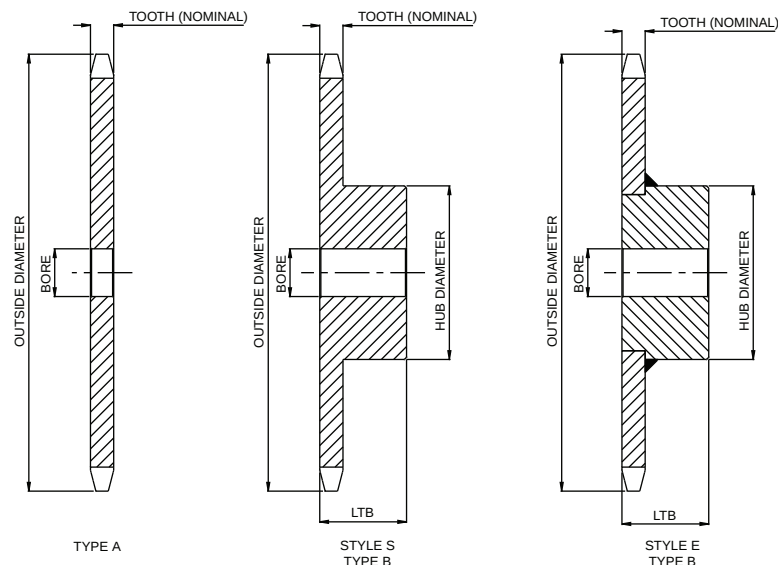
Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
38	7.918	7.569	7.169	50A38	3/4	3.9	50B38	E	3/4	2 1/8	3 1/4	1 3/8	6.3
39	8.117	7.768	7.361	50A39	3/4	4.0	50B39	E	3/4	2 1/8	3 1/4	1 3/8	6.4
40	8.316	7.966	7.566	50A40	3/4	4.3	50B40	E	3/4	2 1/8	3 1/4	1 3/8	6.6
41	8.516	8.165	7.759	50A41	3/4	4.6	50B41	E	3/4	2 1/8	3 1/4	1 3/8	6.9
42	8.715	8.364	7.964	50A42	3/4	4.7	50B42	E	3/4	2 1/8	3 1/4	1 3/8	7.1
43	8.914	8.563	8.157	50A43	3/4	4.9	50B43	E	3/4	2 1/8	3 1/4	1 3/8	7.4
44	9.114	8.761	8.361	50A44	3/4	5.1	50B44	E	3/4	2 1/8	3 1/4	1 3/8	7.7
45	9.313	8.960	8.554	50A45	3/4	5.3	50B45	E	3/4	2 1/8	3 1/4	1 3/8	7.8
46	9.512	9.159	8.759	50A46	1	5.9	50B46	E	1	2 1/8	3 1/4	1 3/8	8.0
47	9.711	9.358	8.952	50A47	1	6.0	50B47	E	1	2 1/8	3 1/4	1 3/8	8.2
48	9.911	9.556	9.156	50A48	1	6.1	50B48	E	1	2 1/8	3 1/4	1 3/8	8.5
49	10.110	9.755	9.350	50A49	1	6.3	50B49	E	1	2 1/8	3 1/4	1 3/8	9.0
50	10.309	9.954	9.554	50A50	1	6.7	50B50	E	1	2 1/8	3 1/4	1 3/8	9.4
51	10.508	10.153	9.748	50A51	1	6.9	50B51	E	1	2 1/8	3 1/4	1 3/8	9.8
52	10.708	10.351	9.951	50A52	1	7.3	50B52	E	1	2 1/8	3 1/4	1 3/8	10.1
53	10.907	10.550	10.146	50A53	1	7.5	50B53	E	1	2 1/8	3 1/4	1 3/8	10.5
54	11.106	10.749	10.349	50A54	1	8.1	50B54	E	1	2 1/8	3 1/4	1 3/8	10.8
55	11.305	10.948	10.543	50A55	1	8.2	50B55	E	1	2 1/8	3 1/4	1 3/8	11.0
56	11.504	11.147	10.747	50A56	1	8.3	50B56	E	1	2 1/8	3 1/4	1 3/8	11.2
57	11.703	11.346	10.941	50A57	1	8.7	50B57	E	1	2 1/8	3 1/4	1 3/8	11.4
58	11.903	11.544	11.144	50A58	1	8.9	50B58	E	1	2 1/8	3 1/4	1 3/8	11.6
59	12.102	11.743	11.339	50A59	1	10.0	50B59	E	1	2 1/8	3 1/4	1 3/8	11.8
60	12.301	11.942	11.542	50A60	1	10.3	50B60	E	1	2 1/8	3 1/4	1 3/8	12.1
70	14.292	13.931	13.531	50A70	1	13.6	50B70	E	1	2 1/8	3 1/4	1 3/8	15.7
72	14.690	14.329	13.929	50A72	1	14.5	50B72	E	1	2 1/8	3 1/4	1 3/8	16.4
80	16.283	15.919	15.519	50A80	1	18.4	50B80	E	1	2 3/4	4	1 5/8	22.8
84	17.079	16.715	16.315	50A84	1	19.3	50B84	E	1	2 3/4	4	1 5/8	23.9
96	19.467	19.102	18.702	50A96	1	26.0	50B96	E	1	2 3/4	4	1 5/8	29.3
112	22.651	22.284	21.884	50A112	1	36.4	50B112	E	1	2 3/4	4	1 5/8	41.5

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

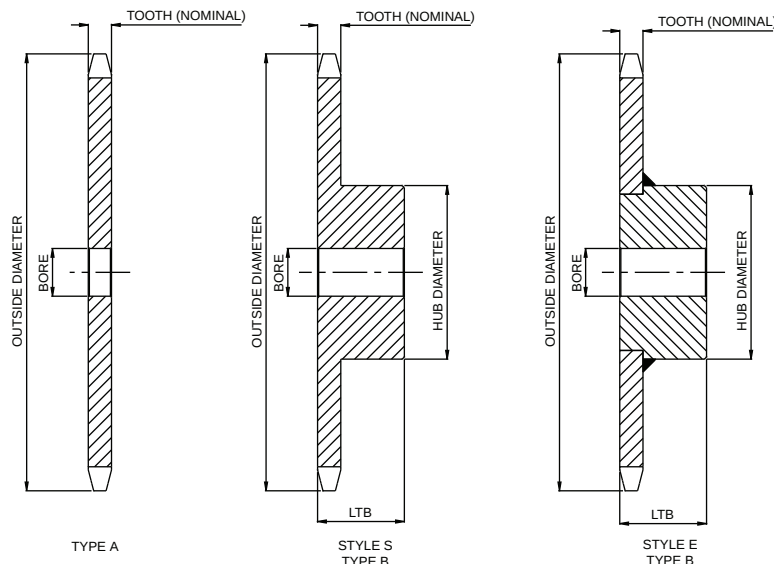
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



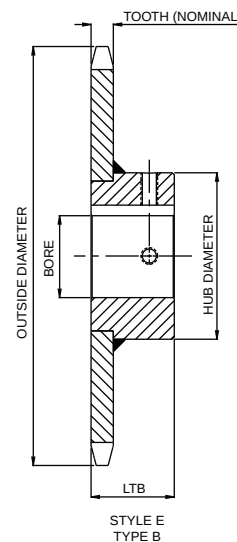
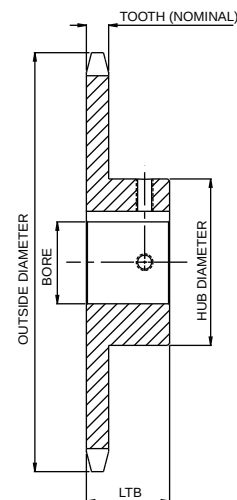


All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Style	Sprocket Diameters 5/8" Pitch			Stock finished bores (including keyway and 2 set screws)
			Outside Diameter	Pitch Diameter	Caliper Diameter	
9	H50B9F	S	2.093	1.828	1.400	5/8 3/4
10	H50B10F	S	2.299	2.023	1.623	5/8 3/4 1/8 1*
11	H50B11F	S	2.504	2.219	1.796	5/8 3/4 1/8 1
12	H50B12F	S	2.708	2.415	2.015	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4
13	H50B13F	S	2.911	2.612	2.193	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4
14	H50B14F	S	3.113	2.809	2.409	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4
15	H50B15F	S	3.315	3.006	2.590	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16
16	H50B16F	S	3.517	3.204	2.804	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
17	H50B17F	S	3.718	3.401	2.987	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
18	H50B18F	S	3.919	3.599	3.199	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
19	H50B19F	S	4.121	3.798	3.384	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
20	H50B20F	S	4.321	3.995	3.595	5/8 3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
21	H50B21F	E	4.522	4.194	3.782	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
22	H50B22F	E	4.722	4.392	3.992	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
23	H50B23F	E	4.923	4.590	4.179	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
24	H50B24F	E	5.123	4.788	4.388	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
25	H50B25F	E	5.323	4.987	4.577	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
26	H50B26F	E	5.523	5.185	4.785	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
27	H50B27F	E	5.723	5.384	4.975	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
28	H50B28F	E	5.922	5.582	5.182	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
29	H50B29F	E	6.122	5.781	5.371	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
30	H50B30F	E	6.321	5.979	5.579	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2
31	50B31F	E	6.521	6.178	5.770	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
32	50B32F	E	6.721	6.376	5.976	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
33	50B33F	E	6.921	6.575	6.168	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
34	50B34F	E	7.120	6.774	6.374	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
35	50B35F	E	7.319	6.973	6.565	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
36	50B36F	E	7.519	7.171	6.771	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
37	50B37F	E	7.718	7.370	6.963	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
38	50B38F	E	7.918	7.569	7.169	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
39	50B39F	E	8.117	7.768	7.361	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
40	50B40F	E	8.316	7.966	7.566	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
41	50B41F	E	8.516	8.165	7.759	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
42	50B42F	E	8.715	8.364	7.964	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
43	50B43F	E	8.914	8.563	8.157	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
44	50B44F	E	9.114	8.761	8.361	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
45	50B45F	E	9.313	8.960	8.554	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
46	50B46F	E	9.512	9.159	8.759	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
47	50B47F	E	9.711	9.358	8.952	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
48	50B48F	E	9.911	9.556	9.156	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
49	50B49F	E	10.110	9.755	9.350	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
50	50B50F	E	10.309	9.954	9.554	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
51	50B51F	E	10.508	10.153	9.748	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
52	50B52F	E	10.708	10.351	9.951	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
53	50B53F	E	10.907	10.550	10.146	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
54	50B54F	E	11.106	10.749	10.349	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
55	50B55F	E	11.305	10.948	10.543	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
56	50B56F	E	11.504	11.147	10.747	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
57	50B57F	E	11.703	11.346	10.941	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
58	50B58F	E	11.903	11.544	11.144	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
59	50B59F	E	12.102	11.743	11.339	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
60	50B60F	E	12.301	11.942	11.542	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
70	50B70F	E	14.292	13.931	13.531	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
72	50B72F	E	14.690	14.329	13.929	3/4 1/8 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
80	50B80F	E	16.283	15.919	15.519	1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
84	50B84F	E	17.079	16.715	16.315	1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
96	50B96F	E	19.467	19.102	18.702	1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16
112	50B112F	E	22.651	22.284	21.884	1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 3/4 1 15/16

Hub diameters may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

* Indicates set screw at 90° and 180° from keyway.



Dimensional Data

Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

No.50 Stainless Steel

5/8" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
10	2.30	2.023	1.623				SS50B10	S	5/8	7/8	1 1/16 ▲	1	0.5
11	2.50	2.219	1.796				SS50B11	S	5/8	1	1 3/4 ▲	1	0.6
12	2.71	2.415	2.015				SS50B12	S	5/8	1 1/4	1 63/64 ▲	1	0.7
13	2.91	2.612	2.193				SS50B13	S	5/8	1 5/16	1 7/8	1	0.8
14	3.11	2.809	2.409				SS50B14	S	5/8	1 7/16	2 1/8	1	1.0
15	3.32	3.006	2.590				SS50B15	S	5/8	1 1/2	2 3/8	1	1.3
16	3.52	3.204	2.804				SS50B16	S	5/8	1 3/4	2 1/2	1	1.5
17	3.72	3.401	2.987				SS50B17	S	5/8	1 7/8	2 11/16	1	1.8
18	3.92	3.599	3.199				SS50B18	S	5/8	1 7/8	2 7/8	1	2.0
19	4.12	3.798	3.384				SS50B19	S	5/8	1 3/4	2 1/2	1	2.3
20	4.32	3.995	3.595				SS50B20	S	3/4	1 3/4	2 1/2	1	2.5
21	4.52	4.194	3.782	SS50A21	23/32	1.4	SS50B21	D	3/4	2	3	1	2.7
22	4.72	4.392	3.992	SS50A22	23/32	1.6	SS50B22	D	3/4	2	3	1	3.3
23	4.92	4.590	4.179	SS50A23	23/32	1.7	SS50B23	D	3/4	2	3	1	3.8
24	5.12	4.788	4.388	SS50A24	23/32	1.8	SS50B24	D	3/4	2	3	1 1/4	4.1
25	5.32	4.987	4.577	SS50A25	23/32	1.9	SS50B25	D	3/4	2	3	1 1/4	4.3
26	5.52	5.185	4.785	SS50A26	23/32	2.1	SS50B26	D	3/4	2	3	1 1/4	4.6
28	5.92	5.582	5.182	SS50A28	23/32	2.5	SS50B28	D	3/4	2	3	1 1/4	5.0
30	6.32	5.979	5.579	SS50A30	23/32	2.7	SS50B30	D	3/4	2	3	1 1/4	5.2
35	7.32	6.973	6.565	SS50A35	23/32	3.7	SS50B35	D	3/4	2	3	1 1/4	6.5
40	8.32	7.966	7.566	SS50A40	23/32	4.7	SS50B40	D	3/4	2	3	1 1/4	7.8
45	9.31	8.690	8.554	SS50A45	23/32	6.0	SS50B45	D	3/4	2	3	1 1/4	8.5
60	12.30	11.942	11.542	SS50A60	23/32	10.8	SS50B60	D	3/4	2	3	1 1/4	14.0

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

▲ There is a recessed groove in the hub to allow for chain clearance.

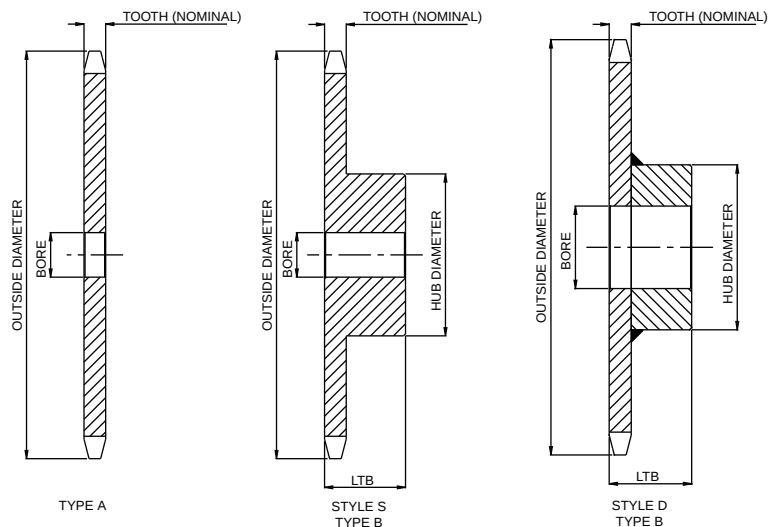
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

Sprocket Diameters					50-2						50-3						
5/8" Pitch					Double Strand (Type B)						Triple Strand (Type B and C)						
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)
11	2.504	2.219	1.796	5/8	HD50B11	S	1 ¹⁵ / ₁₆	1 ¹⁵ / ₃₂	1 ³ / ₄	0.9	HT50B11	B	S	1 ¹⁵ / ₁₆	1 ¹⁵ / ₃₂	2 ¹ / ₂	1.4
12	2.708	2.415	2.015	5/8	HD50B12	S	1 ¹ / ₈	1 ¹¹ / ₁₆	1 ³ / ₄	1.2	HT50B12	B	S	1 ¹ / ₈	1 ¹¹ / ₁₆	2 ¹ / ₂	1.8
13	2.911	2.612	2.193	5/8	HD50B13	S	1 ⁵ / ₁₆	1 ⁷ / ₈	1 ³ / ₄	1.5	HT50B13	B	S	1 ⁵ / ₁₆	1 ⁷ / ₈	2 ¹ / ₂	2.2
14	3.113	2.809	2.409	5/8	HD50B14	S	1 ³ / ₈	2 ³ / ₃₂	1 ³ / ₄	1.9	HT50B14	B	S	1 ³ / ₈	2 ³ / ₃₂	2 ¹ / ₂	2.7
15	3.315	3.006	2.590	5/8	HD50B15	S	1 ¹ / ₂	2 ⁹ / ₃₂	1 ³ / ₄	2.3	HT50B15	B	S	1 ¹ / ₂	2 ⁹ / ₃₂	2 ¹ / ₂	3.3
16	3.517	3.204	2.804	5/8	HD50B16	S	1 ⁵ / ₈	2 ¹ / ₂	1 ³ / ₄	2.7	HT50B16	B	S	1 ⁵ / ₈	2 ¹ / ₂	2 ¹ / ₂	3.8
17	3.718	3.401	2.987	5/8	HD50B17	S	1 ⁷ / ₈	2 ¹¹ / ₁₆	1 ³ / ₄	3.1	HT50B17	B	S	1 ⁷ / ₈	2 ¹¹ / ₁₆	2 ¹ / ₂	4.5
18	3.919	3.599	3.199	5/8	HD50B18	S	1 ¹⁵ / ₁₆	2 ⁷ / ₈	1 ³ / ₄	3.6	HT50B18	B	S	1 ¹⁵ / ₁₆	2 ⁷ / ₈	2 ¹ / ₂	5.7
19	4.121	3.798	3.384	5/8	HD50B19	S	2 ¹ / ₈	3 ³ / ₃₂	1 ³ / ₄	4.1	HT50B19	B	S	2 ¹ / ₈	3 ³ / ₃₂	2 ¹ / ₂	5.9
20	4.321	3.995	3.595	5/8	HD50B20	S	2 ¹ / ₄	3 ⁹ / ₃₂	1 ³ / ₄	4.6	HT50B20	B	S	2 ¹ / ₄	3 ⁹ / ₃₂	2 ⁵ / ₈	6.9
21	4.522	4.194	3.782	3/4	HD50B21	S	2 ³ / ₈	3 ¹ / ₂	1 ³ / ₄	5.1	HT50B21	B	S	2 ³ / ₈	3 ¹ / ₂	2 ⁵ / ₈	7.6
22	4.722	4.392	3.992	3/4	HD50B22	S	2 ³ / ₈	3 ⁹ / ₁₆	1 ⁷ / ₈	5.9	HT50B22	B	S	2 ³ / ₈	3 ⁹ / ₁₆	2 ⁵ / ₈	8.3
23	4.923	4.590	4.179	3/4	HD50B23	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	6.5	HT50B23	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	9.2
24	5.123	4.788	4.388	3/4	HD50B24	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	6.9	HT50B24	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	9.9
25	5.323	4.987	4.577	1	HD50B25	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	7.1	HT50B25	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	10.4
26	5.523	5.185	4.785	1 ¹⁵ / ₁₆	HD50B26	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	7.8	HT50B26	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	11.2
30	6.321	5.979	5.579	1 ¹⁵ / ₁₆	HD50B30	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	9.8	HT50B30	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	14.4
32	6.721	6.376	5.976	1 ¹⁵ / ₁₆	D50B32	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	11.0							
35	7.319	6.973	6.565	1 ¹⁵ / ₁₆	D50B35	S	2 ¹ / ₂	3 ³ / ₄	1 ⁷ / ₈	12.9	T50B35	B	S	2 ¹ / ₂	3 ³ / ₄	2 ⁵ / ₈	19.2
36	7.519	7.171	6.771	1 ¹⁵ / ₁₆	D50B36	S	2 ³ / ₄	4	2 ¹ / ₈	16.0	T50B36	B	S	2 ³ / ₄	4	2 ³ / ₄	21.8
40	8.316	7.966	7.566	1 ¹⁵ / ₁₆	D50B40	S	2 ³ / ₄	4	2 ¹ / ₈	18.8							
42	8.715	8.364	7.964	1 ¹⁵ / ₁₆	D50B42	S	2 ³ / ₄	4	2 ¹ / ₈	20.4	T50B42	B	S	2 ³ / ₄	4	2 ³ / ₄	28.7
45	9.313	8.960	8.554	1 ¹⁵ / ₁₆	D50B45	S	2 ³ / ₄	4	2 ¹ / ₈	22.9							
48	9.911	9.556	9.158	1 ¹⁵ / ₁₆	D50B48	S	2 ⁷ / ₈	4 ¹ / ₄	2 ³ / ₈	25.5	T50B48	B	S	2 ⁷ / ₈	4 ¹ / ₄	3 ¹ / ₈	37.6
52	10.708	10.351	9.951	1 ¹⁵ / ₁₆	D50B52	D	2 ⁷ / ₈	4 ¹ / ₄	2 ³ / ₈	29.3	T50B52	B	S	2 ⁷ / ₈	4 ¹ / ₄	3 ¹ / ₈	43.5
54	11.106	10.748	10.349	1 ¹⁵ / ₁₆	D50B54	D	2 ⁷ / ₈	4 ¹ / ₄	2 ³ / ₈	33.7							
60	12.301	11.942	11.542	1 ¹⁵ / ₁₆	D50B60	D	3	4 ¹ / ₂	2 ³ / ₈	40.3	T50B60	B	D	3	4 ¹ / ₂	3 ¹ / ₈	59.4
68	13.894	13.533	13.133	1 ¹⁵ / ₁₆	D50B68	D	3	4 ¹ / ₂	2 ³ / ₈	50.2	T50B68	B	D	3	4 ¹ / ₂	3 ¹ / ₈	74.8
72	14.690	14.329	13.929	1 ¹⁵ / ₁₆	D50B72	D	3	4 ¹ / ₂	2 ³ / ₈	56.6	T50C72	C	D	3	4 ¹ / ₂	3 ¹ / ₂	83.3
76	15.486	15.124	14.724	1 ¹⁵ / ₁₆	D50B76	D	3	4 ¹ / ₂	2 ³ / ₈	62.4	T50C76	C	D	3	4 ¹ / ₂	3 ¹ / ₂	92.2
84	17.079	16.715	16.315	1 ¹⁵ / ₁₆	D50B84	D	3	4 ¹ / ₂	2 ³ / ₈	74.8	T50C84	C	D	3	4 ¹ / ₂	3 ¹ / ₂	111.5
96	19.467	19.102	18.702	1 ¹⁵ / ₁₆	D50B96	D	3	4 ¹ / ₂	2 ³ / ₈	99.0							
112	22.651	22.284	21.884	1 ¹⁵ / ₁₆	D50B112	D	3 ⁵ / ₁₆	5 ¹ / ₄	2 ³ / ₈	131.5							

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

* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain **50**
Size 50-2
Pitch 0.625"
Chain Inside Width 0.375"
Roller Diameter 0.400"
Nominal Tooth Width 0.332"
Plate Thickness 1.045"

Triple Strand Chain **50**
Size 50-3
Pitch 0.625"
Chain Inside Width 0.375"
Roller Diameter 0.400"
Nominal Tooth Width 0.332"
Plate Thickness 1.758"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



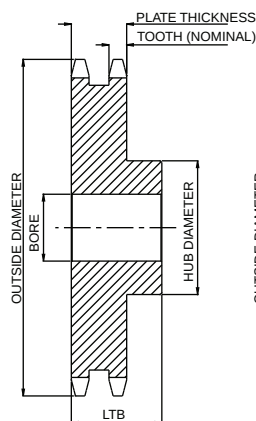
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

Double Strand

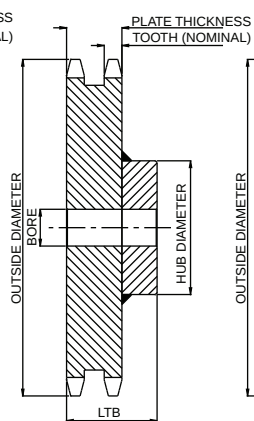
Double Strand

Triple Strand

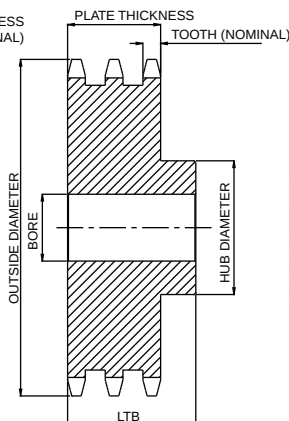
Triple Strand



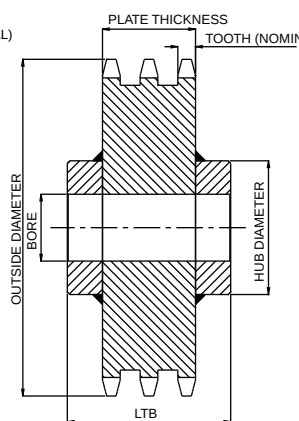
STYLE S
TYPE B



STYLE D
TYPE B



STYLE S
TYPE B



STYLE D
TYPE C

No.50 Double Single

5/8" Pitch



Stock Bore

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
15	HDS50A15	3.32	$\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{3}{8}$	2.1
16	HDS50A16	3.52	$\frac{5}{8}$	$1\frac{11}{16}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{1}{2}$	2.4
17	HDS50A17	3.72	$\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{11}{16}$	2.9
18	HDS50A18	3.92	$\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{57}{64}$	3.3
19	HDS50A19	4.12	$\frac{5}{8}$	$2\frac{1}{16}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{5}{64}$	3.7
20	HDS50A20	4.32	$\frac{5}{8}$	$2\frac{1}{4}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{9}{32}$	4.2
21	HDS50A21	4.52	$\frac{5}{8}$	$2\frac{1}{4}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{31}{64}$	4.8
22	HDS50A22	4.72	$\frac{5}{8}$	$2\frac{7}{16}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{11}{16}$	5.3
23	HDS50A23	4.92	$\frac{5}{8}$	$2\frac{5}{8}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{57}{64}$	5.8
24	HDS50A24	5.12	$\frac{5}{8}$	$2\frac{3}{4}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$4\frac{5}{64}$	6.3

"Taper-Lock" Style

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Bushing	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
17	HDS50ATL17	3.52	1615	$\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{11}{16}$	1.8
18	HDS50ATL18	3.92	1615	$\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$2\frac{57}{64}$	2.2
19	HDS50ATL19	4.12	1615	$\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{5}{64}$	2.7
21	HDS50ATL21	4.52	2012	$\frac{1}{2}$	2	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{15}{32}$	3.3
23	HDS50ATL23	4.92	2012	$\frac{1}{2}$	2	$1\frac{21}{32}$	$1\frac{5}{16}$	$3\frac{57}{64}$	3.7
24	HDA50ATL24	5.12	2012	$\frac{1}{2}$	2	$1\frac{21}{32}$	$1\frac{5}{16}$	$4\frac{5}{64}$	4.1

Other bushing sizes available. Please specify bushing size when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
1615	$\frac{1}{2}$ - $1\frac{5}{8}$	1.00
2012	$\frac{1}{2}$ - 2	1.40

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

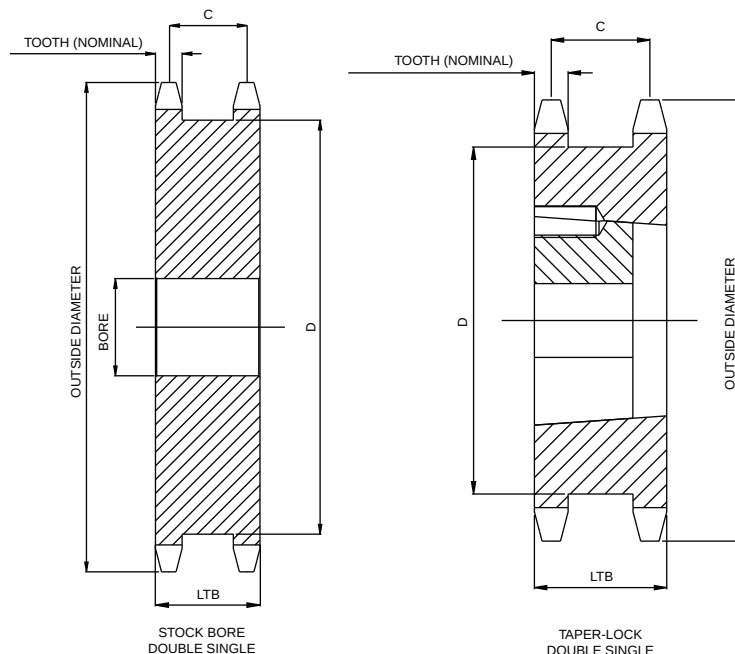
Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.50 Single "Taper-Lock" Style

5/8" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	5/8" Pitch	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
			Caliper Diameter							
12	2.708	2.415	2.015	H50BTL12	S	1008	1	1 ¹⁵ / ₁₆ ▲	7/8	0.5
13	2.911	2.612	2.193	H50BTL13	S	1008	1	1 ¹⁵ / ₁₆	7/8	0.5
14	3.113	2.809	2.409	H50BTL14	S	1008	1	1 ¹⁵ / ₁₆	7/8	0.6
15	3.315	3.006	2.590	H50BTL15	S	1210	1 1/4	2 ¹⁵ / ₃₂ ▲	1	0.7
16	3.517	3.204	2.804	H50BTL16	S	1610	1 5/8	2 ²⁵ / ₃₂ ▲	1	0.7
17	3.719	3.401	2.987	H50BTL17	S	1610	1 5/8	2 ²⁵ / ₃₂ ▲	1	0.8
18	3.920	3.599	3.199	H50BTL18	S	1610	1 5/8	2 ²⁵ / ₃₂	1	0.9
19	4.120	3.798	3.384	H50BTL19	S	1610	1 5/8	3	1	1.3
20	4.321	3.995	3.595	H50BTL20	S	1610	1 5/8	3 1/4	1	1.6
21	4.522	4.194	3.782	H50BTL21	S	1610	1 5/8	3	1	1.5
22	4.722	4.392	3.992	H50BTL22	S	1610	1 5/8	3	1	1.6
23	4.922	4.590	4.179	H50BTL23	S	2012	2	3 5/8	1 1/4	2.0
24	5.122	4.788	4.388	H50BTL24	S	2012	2	3 5/8	1 1/4	2.2
25	5.322	4.987	4.577	H50BTL25	S	2012	2	3 5/8	1 1/4	2.4
26	5.522	5.185	4.785	H50BTL26	E	2012	2	3 5/8	1 1/4	2.5
27	5.723	5.384	4.975	H50BTL27	E	2012	2	3 5/8	1 1/4	2.6
28	5.922	5.582	5.182	H50BTL28	E	2012	2	3 5/8	1 1/4	2.8
30	6.321	5.979	5.579	H50BTL30	E	2012	2	3 5/8	1 1/4	3.2
32	6.721	6.376	5.976	50BTL32	E	2012	2	3 5/8	1 1/4	3.6
35	7.319	6.973	6.565	50BTL35	E	2012	2	3 5/8	1 1/4	4.2
36	7.519	7.171	6.771	50BTL36	E	2012	2	3 5/8	1 1/4	4.3
40	8.316	7.966	7.566	50BTL40	E	2012	2	3 5/8	1 1/4	5.2
42	8.715	8.364	7.964	50BTL42	E	2012	2	3 5/8	1 1/4	5.9
45	9.313	8.960	8.554	50BTL45	E	2012	2	3 5/8	1 1/4	6.5
48	9.911	9.556	9.158	50BTL48	E	2012	2	3 5/8	1 1/4	7.3
54	11.106	10.748	10.349	50BTL54	E	2012	2	3 5/8	1 1/4	9.0
60	12.301	11.942	11.542	50BTL60	E	2012	2	3 5/8	1 1/4	10.8
70	14.292	13.931	13.531	50BTL70	E	2517	2 1/2	4 1/4	1 3/4	14.0
72	14.690	14.329	13.929	50BTL72	E	2517	2 1/2	4 1/4	1 3/4	15.5
80	16.282	15.919	15.519	50BTL80	E	2517	2 1/2	4 1/4	1 3/4	19.5
84	17.079	16.715	16.315	50BTL84	E	2517	2 1/2	4 1/4	1 3/4	22.5
96	19.466	19.102	18.702	50BTL96	E	2517	2 1/2	4 1/4	1 3/4	29.0
112	22.651	22.284	21.884	50BTL112	E	2517	2 1/2	4 1/4	1 3/4	38.7

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

Dimensional Data

Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

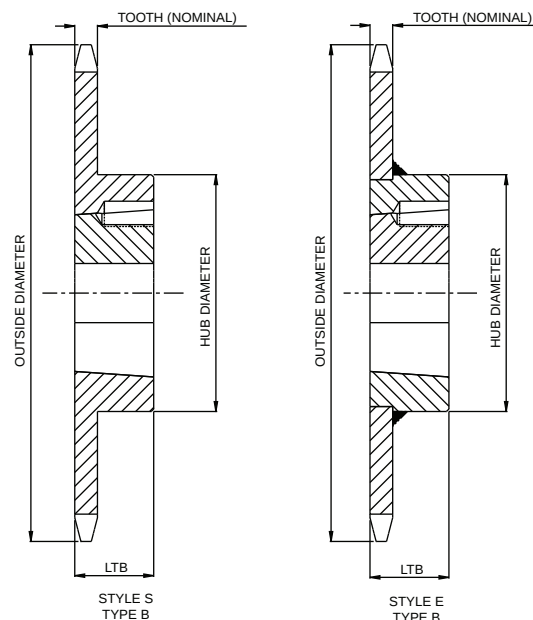


Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

"Taper-Lock" Style Bushings

Bushing Number	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.



No.50 Double "Taper-Lock" Style

5/8" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A,B,C							
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
14	3.113	2.809	2.409	HD50ATL14	A	S	1008	1	-	7/8	0.9
15	3.315	3.006	2.590	HD50ATL15	A	S	1210	1 1/4	-	1	0.9
16	3.517	3.204	2.804	HD50ATL16	A	S	1210	1 1/4	-	1	1.1
17	3.719	3.401	2.987	HD50ATL17	A	S	1610	1 5/8	-	1	1.1
18	3.920	3.599	3.199	HD50ATL18	A	S	1610	1 5/8	-	1	1.3
19	4.120	3.798	3.384	HD50ATL19	A	S	1610	1 5/8	-	1	1.6
20	4.321	3.995	3.595	HD50BTL20	B	S	2012	2	3 1/4	1 1/4	1.7
21	4.522	4.194	3.782	HD50BTL21	B	S	2012	2	3 1/2	1 1/4	2.0
25	5.322	4.987	4.577	HD50BTL25	B	S	2012	2	4 9/32	1 1/4	3.8
30	6.321	5.979	5.578	HD50BTL30	B	S	2517	2 1/2	5 9/32	1 3/4	7.5
36	7.519	7.171	6.771	D50CTL36	C	S	2517	2 1/2	4 1/4	1 3/4	9.3
42	8.715	8.364	7.964	D50CTL42	C	S	2517	2 1/2	4 1/4	1 3/4	13.4
48	9.911	9.556	9.158	D50CTL48	C	S	2517	2 1/2	4 1/4	1 3/4	18.6
52	10.708	10.351	9.951	D50CTL52	C	S	2517	2 1/2	4 3/8	1 3/4	22.1
60	12.301	11.942	11.542	D50CTL60	C	S	2517	2 1/2	4 3/8	1 3/4	30.0
68	13.894	13.533	13.133	D50CTL68	C	S	2517	2 1/2	4 3/8	1 3/4	39.2
76	15.486	15.124	14.724	D50CTL76	C	S	2517	2 1/2	4 3/8	1 3/4	49.7
84	17.079	16.715	16.315	D50CTL84	C	S	2517	2 1/2	4 3/8	1 3/4	61.0
95	19.267	18.903	18.702	D50CTL95	C	S	2517	2 1/2	4 3/8	1 3/4	79.0
102	20.661	20.280	19.896	D50CTL102	C	S	2517	2 1/2	4 3/8	1 3/4	91.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

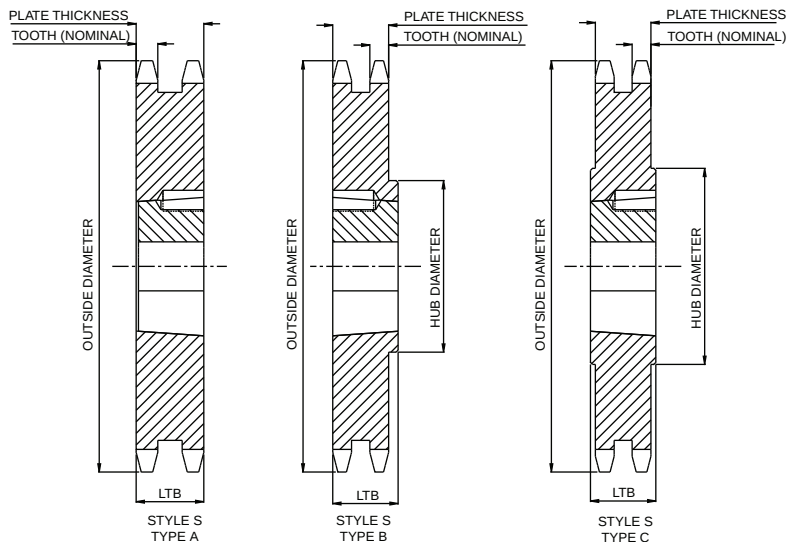
Double Strand Chain **50**
 Size 50-2
 Pitch 0.625"
 Chain Inside Width 0.375"
 Roller Diameter 0.400"
 Nominal Tooth Width 0.332"
 Plate Thickness 1.045"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
5/8" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	Weight (lbs.)
12	2.708	2.415	2.015	H50JA12	S	JA	1 1/4	1 59/64	9/16	1	1	17/32	2	0.3
13	2.911	2.612	2.193	H50JA13	S	JA	1 1/4	2 1/16	9/16	1	1	17/32	2	0.4
14	3.113	2.809	2.409	H50JA14	S	JA	1 1/4	2 1/8	9/16	1	1	17/32	2	0.5
15	3.315	3.006	2.590	H50JA15	S	JA	1 1/4	2 1/4	9/16	1	1	17/32	2	0.6
16	3.517	3.204	2.804	H50JA16	S	JA	1 1/4	2 1/4	9/16	1	1	17/32	2	0.7
17	3.718	3.401	2.987	H50SH17	S	SH	1 5/8	2 3/4	13/16	1 3/8	1 3/8	27/32	2 1/16	0.8
18	3.919	3.599	3.199	H50SH18	S	SH	1 5/8	2 7/8	13/16	1 3/8	1 3/8	27/32	2 1/16	1.0
19	4.121	3.798	3.384	H50SH19	S	SH	1 5/8	3	13/16	1 3/8	1 3/8	27/32	2 1/16	1.0
20	4.321	3.995	3.595	H50SDS20	S	SDS	2	3 5/16	3/4	1 7/16	1 7/16	29/32	3 3/16	1.2
21	4.522	4.194	3.782	H50SDS21	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	29/32	3 3/16	1.5
22	4.722	4.392	3.992	H50SDS22	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	29/32	3 3/16	1.6
23	4.923	4.590	4.179	H50SDS23	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	29/32	3 3/16	1.7
24	5.123	4.788	4.388	H50SDS24	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	1.9
25	5.323	4.987	4.577	H50SDS25	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	2.0
26	5.523	5.185	4.785	H50SDS26	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	2.1
27	5.723	5.384	4.975	H50SDS27	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	2.3
28	5.922	5.582	5.182	H50SDS28	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	2.5
30	6.321	5.979	5.579	H50SDS30	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	2.7
32	6.721	6.376	5.976	50SDS32	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	3.1
35	7.319	6.973	6.565	50SDS35	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	3.7
36	7.519	7.171	6.771	50SDS36	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	3.8
40	8.316	7.966	7.566	50SDS40	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	4.7
42	8.715	8.364	7.964	50SDS42	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	5.1
45	9.313	8.960	8.554	50SDS45	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	5.8
48	9.911	9.556	9.158	50SDS48	E	SDS	2	3 3/8	3/4	1 7/16	1 7/16	29/32	3 3/16	6.9
54	11.106	10.748	10.349	50SK54	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 15/32	3 7/8	10.2
60	12.301	11.942	11.542	50SK60	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 15/32	3 7/8	11.3
70	14.292	13.931	13.531	50SK70	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 15/32	3 7/8	14.7
72	14.690	14.329	13.929	50SK72	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 15/32	3 7/8	15.6
80	16.283	15.919	15.519	50SF80	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 19/32	4 5/8	19.7
84	17.079	16.715	16.315	50SF84	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 19/32	4 5/8	21.6
96	19.467	19.102	18.702	50SF96	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 19/32	4 5/8	27.6
112	22.651	22.284	21.884	50SF112	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 19/32	4 5/8	38.1

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
JA	1/2 - 1 1/4	1 1/16 - 1 1/4	1 1/4	0.8
SH	1/2 - 1 5/8	1 7/16 - 1 15/16	1 11/16	0.7
SDS	1/2 - 2	1 1/16 - 1 15/16	2	1.0
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	2.1
SF	1/2 - 2 15/16	2 5/16 - 2 15/16	2 13/16 - 2 15/16	3.1

Refer to page E-138 for bushing specifications.

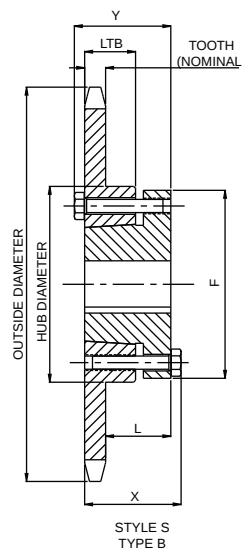
Dimensional Data	
Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



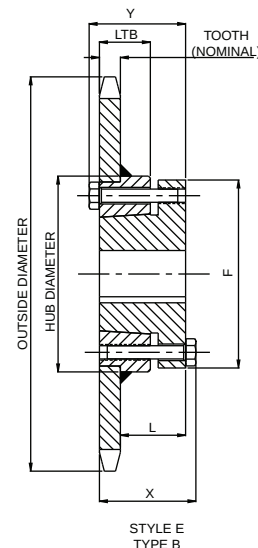
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE S
TYPE B



STYLE E
TYPE B

No.50 Single Split Taper

5/8" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
5/8" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
11	2.504	2.219	1.796	H50G11	3	G1	1	1	1 19/32	1 1/16	0.343	13/32	2	0.4
12	2.708	2.415	2.015	H50G12	3	G1	1	1	1 19/32	1 1/16	0.343	13/32	2	0.5
13	2.911	2.612	2.193	H50G13	3	G1	5/8	1	1 1/4	23/32	0.343	1/16	2	0.5
13	2.911	2.612	2.193	H50H13	3	H1	1 1/16	1 1/4	1 21/32	1 1/8	0.343	7/32	2 1/2	0.6
14	3.113	2.809	2.409	H50H14	3	H1	1	1 1/4	1 19/32	1 1/16	0.343	5/32	2 1/2	0.6
15	3.315	3.006	2.590	H50H15	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	0.8
15	3.315	3.006	2.590	H50P15	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	1.1
16	3.517	3.204	2.804	H50H16	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	0.9
16	3.517	3.204	2.804	H50P16	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	1.4
17	3.718	3.401	2.987	H50H17	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.0
17	3.718	3.401	2.987	H50P17	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	1.4
18	3.920	3.599	3.199	H50H18	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.1
18	3.920	3.599	3.199	H50P18	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	1.8
19	4.120	3.798	3.384	H50H19	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.3
19	4.120	3.798	3.384	H50P19	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	1.8
20	4.321	3.995	3.595	H50H20	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.5
20	4.321	3.995	3.595	H50P20	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.0
21	4.522	4.194	3.782	H50H21	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.4
21	4.522	4.194	3.782	H50P21	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.1
22	4.722	4.392	3.992	H50H22	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.5
22	4.722	4.392	3.992	H50P22	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.2
23	4.922	4.590	4.179	H50H23	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.7
23	4.922	4.590	4.179	H50P23	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.4
23	4.922	4.590	4.179	H50Q23	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	3 7/8	3.2

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

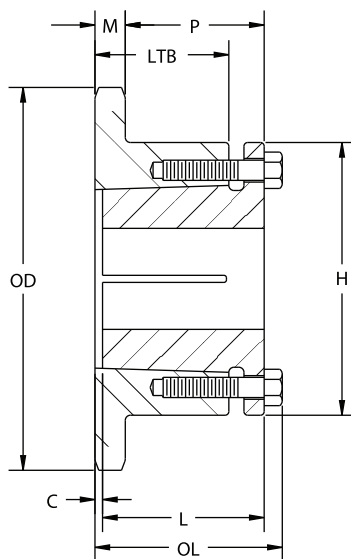
Single Strand Chain	50
Size	50
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.343"



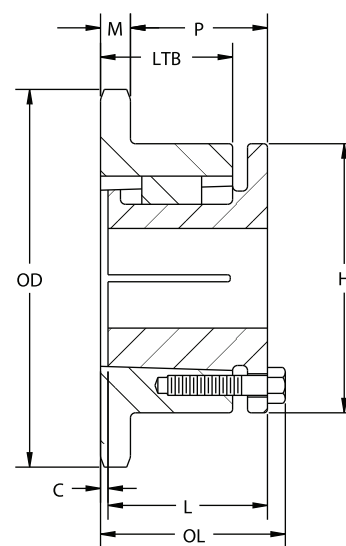
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B



No.50 Single Split Taper

5/8" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B									
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing						Weight (lbs.)
								(L)	OL	P	M	C	H	
24	5.122	4.788	4.388	H50H24	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.8
24	5.122	4.788	4.388	H50P24	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.6
24	5.122	4.788	4.388	H50Q24	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	3 7/8	3.5
25	5.322	4.987	4.577	H50H25	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	1.9
25	5.322	4.987	4.577	H50P25	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.7
25	5.322	4.987	4.577	H50Q25	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	3 7/8	3.6
26	5.522	5.185	4.785	H50H26	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	2.0
26	5.522	5.185	4.785	H50P26	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.8
26	5.522	5.185	4.785	H50Q26	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	3.7
27	5.722	5.384	4.975	H50H27	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	2.2
27	5.722	5.384	4.975	H50P27	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	2.9
27	5.722	5.384	4.975	H50Q27	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	3.8
28	5.922	5.582	5.182	H50H28	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	2.5
28	5.922	5.582	5.182	H50P28	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	3.0
28	5.922	5.582	5.182	H50Q28	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	4.0
29	6.122	5.781	5.371	H50P29	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	3.4
30	6.321	5.979	5.579	H50H30	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	2.9
30	6.321	5.979	5.579	H50P30	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	3.6
30	6.321	5.979	5.579	H50Q30	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	5.6
31	6.521	6.178	5.770	50P31	3	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	3.6
32	6.721	6.376	5.976	50H32	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	3.2
32	6.721	6.376	5.976	50P32	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	3.9
32	6.721	6.376	5.976	50Q32	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	6.1
33	6.920	6.575	6.168	50H33	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	3.4
33	6.920	6.575	6.168	50P33	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	4.1
34	7.120	6.774	6.374	50H34	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	3.7
34	7.120	6.774	6.374	50P34	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	4.3

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

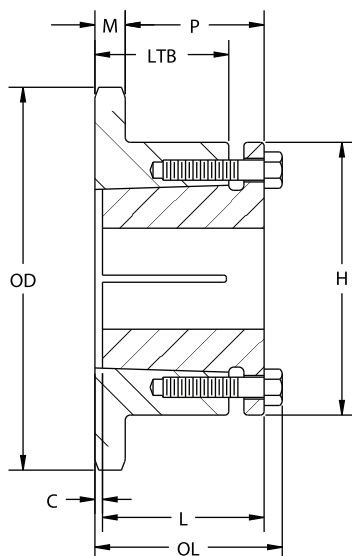
Single Strand Chain **50**
Size **50**
Pitch **0.625"**
Chain Inside Width **0.375"**
Roller Diameter **0.400"**
Nominal Tooth Width **0.343"**



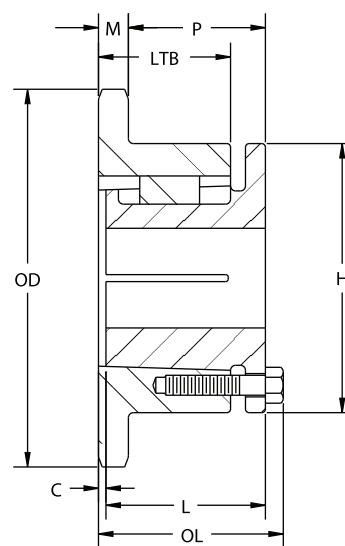
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B

No.50 Single Split Taper

5/8" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB Bushing							Weight (lbs.)
							LTB (L)	OL	P	M	C	H		
35	7.319	6.973	6.565	50H35	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	3.8
35	7.319	6.973	6.565	50P35	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	4.3
35	7.319	6.973	6.565	50Q35	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	6.8
36	7.519	7.171	6.771	50H36	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	4.0
36	7.519	7.171	6.771	50P36	4	P1	1 5/16	1 15/16	2 3/16	1 19/32	0.343	-	3	4.8
36	7.519	7.171	6.771	50Q36	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	6.8
37	7.718	7.370	6.963	50Q37	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	7.0
38	7.918	7.569	7.169	50H38	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	4.4
38	7.918	7.569	7.169	50Q38	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	7.4
39	8.117	7.768	7.361	50Q39	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	7.6
40	8.316	7.966	7.566	50H40	3	H1	7/8	1 1/4	1 1/2	31/32	0.343	1/16	2 1/2	4.8
40	8.316	7.966	7.566	50Q40	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	8.0
41	8.516	8.165	7.759	50Q41	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	8.2
42	8.715	8.364	7.964	50Q42	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	8.3
44	9.114	8.761	8.361	50Q44	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	8.6
45	9.313	8.960	8.554	50Q45	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	9.0
47	9.711	9.358	8.952	50Q47	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	9.3
48	9.911	9.556	9.156	50Q48	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	9.6
50	10.309	9.954	9.554	50Q50	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	9.8
54	11.106	10.749	10.349	50Q54	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	11.3
56	11.504	11.147	10.747	50Q56	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	12.3
60	12.301	11.942	11.542	50Q60	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	13.3
70	14.292	13.931	13.531	50Q70	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	16.9
72	14.690	14.329	13.929	50Q72	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	18.1
80	16.282	15.919	15.519	50Q80	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	21.1
84	17.078	16.715	16.315	50Q84	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	24.3
96	19.467	19.102	18.702	50Q96	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	29.8
112	22.651	22.284	21.884	50Q112	4	Q1	1 3/4	2 1/2	2 25/32	2 5/32	0.343	-	4 1/2	39.3

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

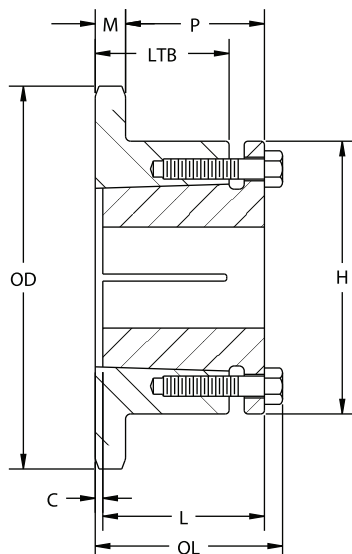
Single Strand Chain **50**
Size 50
Pitch 0.625"
Chain Inside Width 0.375"
Roller Diameter 0.400"
Nominal Tooth Width 0.343"



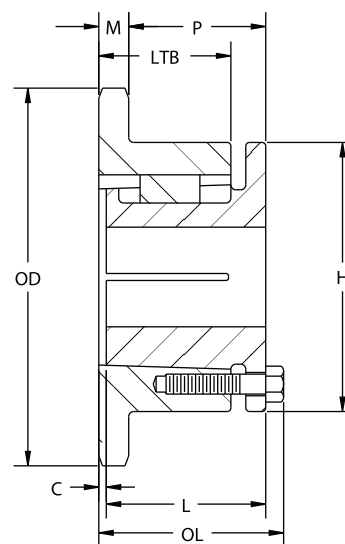
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B



STYLE 4
TYPE B



No.50 Double Split Taper

5/8" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C												
5/8" Pitch				Catalogue Number	Type B and C											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter		Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)	
14	3.113	2.809	2.409	HD50H14	B	11	H1	1 11/16	1 1/4	2 5/16	1 3/32	1.045	7/8	2 1/2	1.2	
15	3.315	3.006	2.590	HD50P15	C	16	P1	2 9/16	1 15/16	3 7/16	1 13/32	1.045	1 1/4	3	2.0	
16	3.517	3.204	2.804	HD50P16	B	12	P1	1 13/16	1 15/16	2 11/16	1 13/32	1.045	1/2	3	1.6	
17	3.718	3.401	2.987	HD50P17	B	12	P1	1 13/16	1 15/16	2 11/16	1 13/32	1.045	1/2	3	2.1	
18	3.920	3.599	3.199	HD50P18	B	12	P1	1 13/16	1 15/16	2 11/16	1 13/32	1.045	1/2	3	2.5	
19	4.120	3.798	3.384	HD50P19	B	12	P1	1 5/16	1 15/16	2 3/16	29/32	1.045	-	3	2.0	
20	4.321	3.995	3.595	HD50P20	B	12	P1	1 5/16	1 15/16	2 3/16	29/32	1.045	-	3	2.5	
21	4.522	4.194	3.782	HD50P21	B	12	P1	1 5/16	1 15/16	2 3/16	29/32	1.045	-	3	2.8	
22	4.722	4.392	3.992	HD50P22	B	12	P1	1 5/16	1 15/16	2 3/16	29/32	1.045	-	3	3.2	
23	4.922	4.590	4.179	HD50P23	B	12	P1	1 5/16	1 15/16	2 3/16	29/32	1.045	-	3	3.6	
24	5.122	4.788	4.388	HD50Q24	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	3 7/8	4.0	
25	5.322	4.987	4.577	HD50Q25	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	3 7/8	4.5	
26	5.522	5.185	4.785	HD50Q26	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	5.3	
27	5.722	5.384	4.975	HD50Q27	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	5.9	
28	5.922	5.582	5.182	HD50Q28	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	6.3	
30	6.321	5.979	5.579	HD50Q30	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	7.5	
32	6.721	6.376	5.976	D50Q32	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	8.5	
35	7.319	6.973	6.565	D50Q35	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	10.4	
36	7.519	7.171	6.771	D50Q36	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	11.0	
40	8.316	7.966	7.566	D50Q40	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	13.6	
42	8.715	8.364	7.964	D50Q42	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	15.0	
45	9.313	8.960	8.554	D50Q45	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	17.5	
48	9.911	9.556	9.158	D50Q48	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	20.4	
52	10.707	10.351	9.951	D50Q52	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	23.3	
54	11.106	10.748	10.349	D50Q54	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	23.3	
60	12.301	11.942	11.542	D50Q60	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	25.5	
72	14.690	14.329	13.929	D50Q72	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	43.1	
76	15.486	15.124	14.724	D50Q76	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	46.0	
84	17.078	16.715	16.315	D50Q84	B	12	Q1	1 3/4	2 1/2	2 25/32	1 15/32	1.045	-	4 1/2	56.7	
95	19.268	16.715	16.315	D50R95	B	12	R1	2	2 7/8	3 5/32	2 3/32	1.045	-	5 3/4	72.3	
96	19.467	19.102	18.702	D50R96	B	12	R1	2	2 7/8	3 5/32	2 3/32	1.045	-	5 3/4	80.7	
102	20.661	20.296	19.896	D50R102	B	12	R1	2	2 7/8	3 5/32	2 3/32	1.045	-	5 3/4	84.5	
112	22.651	22.284	21.884	D50R112	B	12	R1	2	2 7/8	3 5/32	2 3/32	1.045	-	5 3/4	93.2	

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

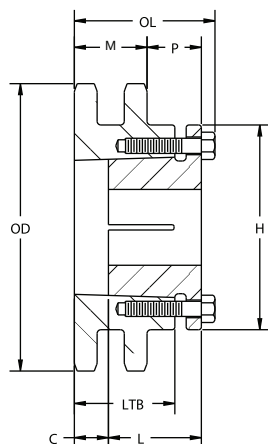
Double Strand Chain **50**
 Size 50-2
 Pitch 0.625"
 Chain Inside Width 0.375"
 Roller Diameter 0.400"
 Nominal Tooth Width 0.332"
 Plate Thickness 1.045"



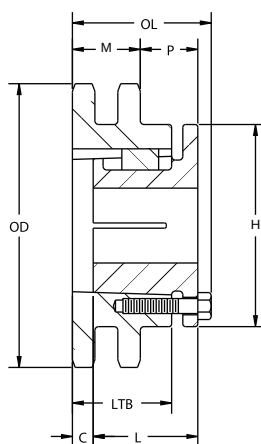
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



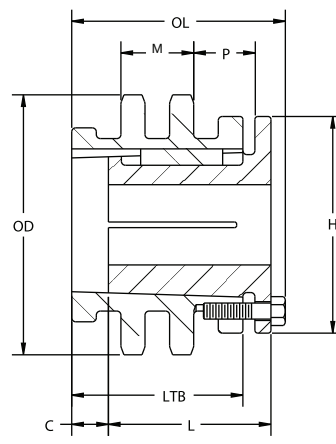
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 11
TYPE B



STYLE 12
TYPE B



STYLE 16
TYPE C

No.50 Triple Split Taper

5/8" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
5/8" Pitch															
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
15	3.315	3.006	2.590	HT50P15	C	27	P2	1.758	2 15/16	4 1/8	1 3/8	1.758	15/16	3	2.5
16	3.517	3.204	2.804	HT50P16	B	22	P2	1.758	2 15/16	3 3/8	1 3/8	1.758	3/16	3	2.4
17	3.718	3.401	2.987	HT50P17	B	22	P2	1.758	2 15/16	3 3/8	1 3/8	1.758	3/16	3	2.8
18	3.920	3.599	3.199	HT50P18	B	22	P2	1.758	2 15/16	3 3/8	1 3/8	1.758	3/16	3	3.4
19	4.120	3.798	3.384	HT50P19	A	24	P1	1.758	1 15/16	2 5/8	5/8	1.758	7/16	-	2.9
20	4.321	3.995	3.595	HT50P20	A	24	P1	1.758	1 15/16	2 5/8	5/8	1.758	7/16	-	3.1
21	4.522	4.194	3.782	HT50P21	A	24	P1	1.758	1 15/16	2 5/8	5/8	1.758	7/16	-	3.5
23	4.922	4.590	4.179	HT50P23	A	24	P1	1.758	1 15/16	2 5/8	5/8	1.758	7/16	-	4.5
24	5.122	4.788	4.388	HT50Q24	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	4.7
25	5.322	4.987	4.577	HT50Q25	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	5.0
26	5.522	5.185	4.785	HT50Q26	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	5.9
28	5.922	5.582	5.182	HT50Q28	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	7.3
30	6.321	5.979	5.579	HT50Q30	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	8.8
32	6.721	6.376	5.976	T50Q32	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	10.9
35	7.319	6.973	6.565	T50Q35	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	13.7
36	7.519	7.171	6.771	T50Q36	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	14.6
40	8.316	7.966	7.566	T50Q40	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	19.1
42	8.715	8.364	7.964	T50Q42	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	21.5
48	9.911	9.556	9.156	T50Q48	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	29.6
52	10.707	10.351	9.951	T50Q52	A	23	Q1	1.758	2 1/2	2 25/32	3/4	1.758	-	-	36.4
60	12.301	11.942	11.542	T50R60	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	48.0
68	13.894	13.533	13.133	T50R68	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	63.5
72	14.690	14.329	13.929	T50R72	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	72.0
76	15.486	15.124	14.724	T50R76	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	81.0
84	17.078	16.715	16.315	T50R84	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	100.0
95	19.268	18.903	18.501	T50R95	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	130.0
102	20.661	20.296	19.896	T50R102	B	22	R1	2.000	2 7/8	2 5/32	1 1/8	1.758	-	5 3/4	151.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

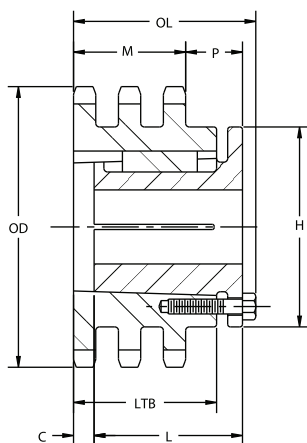
Triple Strand Chain	50
Size	50-3
Pitch	0.625"
Chain Inside Width	0.375"
Roller Diameter	0.400"
Nominal Tooth Width	0.332"
Plate Thickness	1.758"



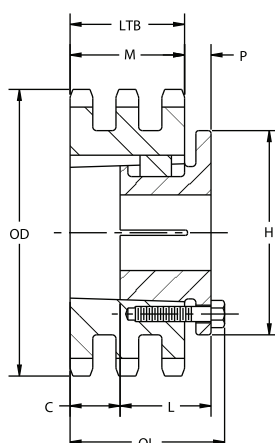
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



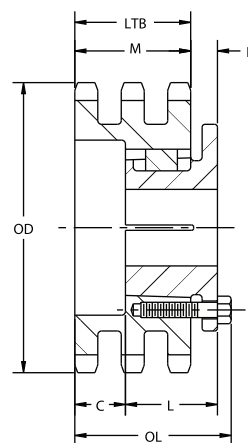
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



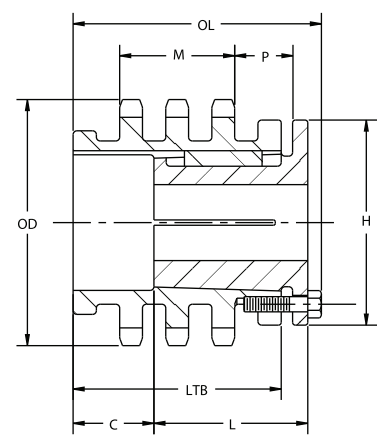
STYLE 22
TYPE B



STYLE 23
TYPE A



STYLE 24
TYPE A



STYLE 27
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	2.260	1.959	1.491				H60B8	S	5/8	13/16	1 15/32 ▲	1 1/4	0.8
9	2.511	2.193	1.691	H60A9	5/8	.42	H60B9	S	3/4	1	1 11/16 ▲	1 1/4	0.6
10	2.759	2.427	1.958	H60A10	3/4	.45	H60B10	S	3/4	1 3/16	1 15/16 ▲	1 1/4	0.9
11	3.005	2.663	2.166	H60A11	3/4	.56	H60B11	S	3/4	1 5/16	2 1/16 ▲	1 1/4	1.3
12	3.249	2.898	2.429	H60A12	3/4	.68	H60B12	S	3/4	1 3/8	2 3/8 ▲	1 1/4	1.7
13	3.493	3.134	2.642	H60A13	3/4	.82	H60B13	S	3/4	1 1/2	2 11/32	1 1/4	1.8
14	3.736	3.371	2.902	H60A14	3/4	.89	H60B14	S	3/4	1 3/4	2 9/16	1 1/4	2.1
15	3.978	3.608	3.119	H60A15	3/4	1.10	H60B15	S	3/4	1 7/8	2 7/8	1 1/4	2.6
16	4.220	3.845	3.375	H60A16	3/4	1.20	H60B16	S	3/4	2	3 1/16	1 1/4	3.0
17	4.462	4.082	3.595	H60A17	3/4	1.50	H60B17	S	3/4	2 1/4	3 1/4	1 1/4	3.4
18	4.703	4.319	3.850	H60A18	3/4	1.60	H60B18	S	3/4	2 3/8	3 1/2	1 1/4	3.9
19	4.945	4.557	4.072	H60A19	3/4	1.80	H60B19	E	3/4	2 3/8	3 1/2	1 1/4	3.8
20	5.186	4.794	4.325	H60A20	3/4	2.00	H60B20	E	3/4	2 5/8	3 7/8	1 1/4	4.0
21	5.426	5.033	4.549	H60A21	1	2.20	H60B21	E	3/4	2 3/4	4	1 1/4	4.2
22	5.666	5.270	4.801	H60A22	1	2.50	H60B22	E	3/4	2 3/4	4	1 1/4	4.4
23	5.907	5.508	5.026	H60A23	1	2.70	H60B23	E	1	2 3/4	4	1 1/2	6.3
24	6.147	5.746	5.277	H60A24	1	2.90	H60B24	E	1	2 3/4	4	1 1/2	6.6
25	6.387	5.984	5.503	H60A25	1	3.00	H60B25	E	1	2 3/4	4	1 1/2	6.9
26	6.627	6.222	5.753	H60A26	1	3.50	H60B26	E	1	2 3/4	4	1 1/2	7.2
27	6.867	6.461	5.980	H60A27	1	3.80	H60B27	E	1	2 3/4	4	1 1/2	7.5
28	7.106	6.698	6.229	H60A28	1	3.90	H60B28	E	1	2 3/4	4	1 1/2	7.8
29	7.346	6.937	6.458	H60A29	1	4.40	H60B29	E	1	2 3/4	4	1 1/2	8.1
30	7.586	7.175	6.706	H60A30	1	4.70	H60B30	E	1	2 3/4	4	1 1/2	8.4
31	7.826	7.413	6.935	60A31	1	5.30	60B31	E	1	2 3/4	4	1 1/2	8.8
32	8.065	7.652	7.183	60A32	1	5.50	60B32	E	1	2 3/4	4	1 1/2	9.1
33	8.305	7.890	7.412	60A33	1	5.80	60B33	E	1	2 3/4	4	1 1/2	9.5
34	8.544	8.129	7.660	60A34	1	6.10	60B34	E	1	2 3/4	4	1 1/2	9.9
35	8.783	8.367	7.889	60A35	1	6.60	60B35	E	1	2 3/4	4	1 1/2	10.3
36	9.023	8.606	8.137	60A36	1	6.90	60B36	E	1	2 3/4	4	1 1/2	10.7
37	9.262	8.844	8.367	60A37	1	7.40	60B37	E	1	2 3/4	4	1 1/2	11.1

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

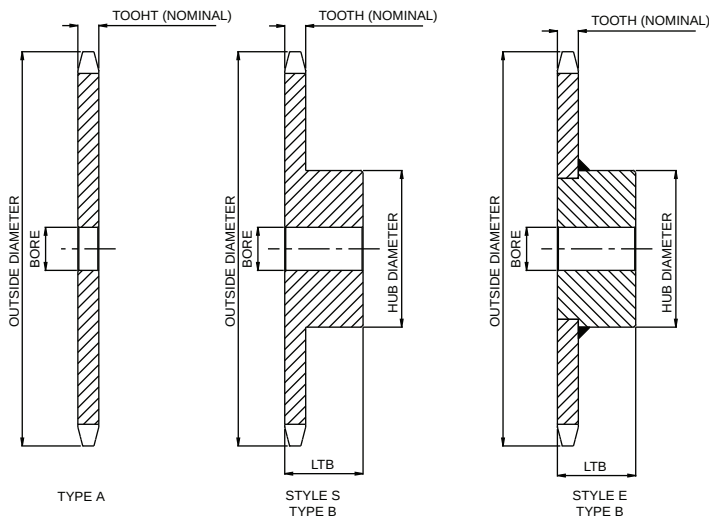
Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.60 Stock Bore

3/4" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
38	9.501	9.083	8.614	60A38	1	7.7	60B38	E	1	2 ³ / ₄	4	1 ¹ / ₂	11.5
39	9.740	9.321	8.844	60A39	1	8.1	60B39	E	1	2 ³ / ₄	4	1 ¹ / ₂	11.9
40	9.980	9.560	9.091	60A40	1	8.4	60B40	E	1	2 ³ / ₄	4	1 ¹ / ₂	12.3
41	10.219	9.798	9.321	60A41	1	8.8	60B41	E	1	2 ³ / ₄	4	1 ¹ / ₂	12.8
42	10.458	10.037	9.568	60A42	1	9.7	60B42	E	1	2 ³ / ₄	4	1 ¹ / ₂	13.3
43	10.697	10.275	9.799	60A43	1	10.2	60B43	E	1	2 ³ / ₄	4	1 ¹ / ₂	13.7
44	10.937	10.514	10.045	60A44	1	10.5	60B44	E	1	2 ³ / ₄	4	1 ¹ / ₂	14.2
45	11.176	10.752	10.276	60A45	1	10.6	60B45	E	1	2 ³ / ₄	4	1 ¹ / ₂	14.7
46	11.414	10.991	10.522	60A46	1	10.9	60B46	E	1	2 ³ / ₄	4	1 ¹ / ₂	15.2
47	11.654	11.229	10.754	60A47	1	11.7	60B47	E	1	2 ³ / ₄	4	1 ¹ / ₂	15.7
48	11.893	11.468	10.999	60A48	1	12.2	60B48	E	1	2 ³ / ₄	4	1 ¹ / ₂	16.3
49	12.132	11.706	11.231	60A49	1	12.6	60B49	E	1	2 ³ / ₄	4	1 ¹ / ₂	16.8
50	12.371	11.945	11.476	60A50	1	13.1	60B50	E	1	2 ³ / ₄	4	1 ¹ / ₂	17.4
51	12.610	12.183	11.708	60A51	1 ¹ / ₈	13.8	60B51	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	19.0
52	12.849	12.422	11.953	60A52	1 ¹ / ₈	14.5	60B52	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	19.6
53	13.088	12.660	12.186	60A53	1 ¹ / ₈	15.3	60B53	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	20.2
54	13.327	12.889	12.430	60A54	1 ¹ / ₈	15.8	60B54	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	20.8
55	13.566	13.137	12.663	60A55	1 ¹ / ₈	16.1	60B55	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	21.4
56	13.805	13.376	12.907	60A56	1 ¹ / ₈	16.8	60B56	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	22.0
57	14.044	13.615	13.140	60A57	1 ¹ / ₈	17.0	60B57	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	22.6
58	14.283	13.853	13.384	60A58	1 ¹ / ₈	18.3	60B58	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	23.3
59	14.522	14.092	13.618	60A59	1 ¹ / ₈	18.5	60B59	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	23.9
60	14.761	14.330	13.861	60A60	1 ¹ / ₈	19.3	60B60	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	24.6
70	17.150	16.717	16.248	60A70	1 ¹ / ₈	26.8	60B70	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	31.8
72	17.628	17.195	16.726	60A72	1 ¹ / ₈	27.5	60B72	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	33.4
80	19.539	19.103	18.634	60A80	1 ¹ / ₈	35.1	60B80	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	40.2
84	20.495	20.058	19.589	60A84	1 ¹ / ₈	37.0	60B84	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	43.8
96	23.360	22.922	22.453	60A96	1 ¹ / ₈	52.4	60B96	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	55.9
112	27.181	26.741	26.272	60A112	1 ¹ / ₈	68.0	60B112	E	1 ¹ / ₈	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	74.4

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

* Hub diameter may vary to suit bore size.

Dimensional Data

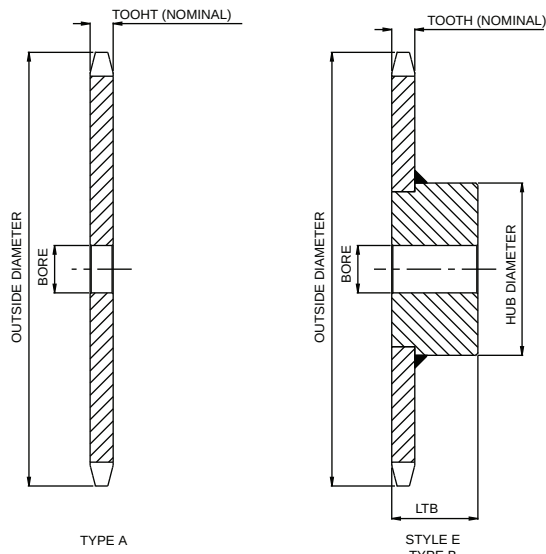
Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



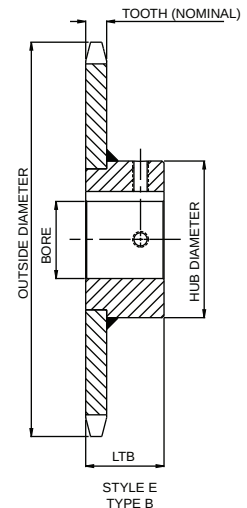
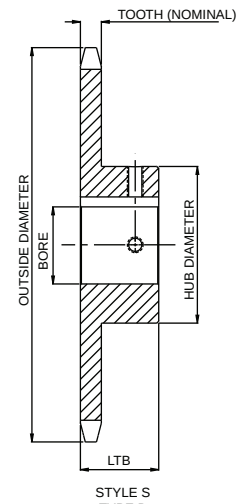


All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Style	Sprocket Diameters 3/4" Pitch			Stock finished bores (including keyway and 2 set screws)
			Outside Dia.	Pitch Dia.	Caliper Dia.	
9	H60B9F	S	2.511	2.193	1.691	5/8 3/4 7/8 1
10	H60B10F	S	2.759	2.427	1.958	5/8 3/4 7/8 1
11	H60B11F	S	3.005	2.663	2.166	3/4 7/8 1 1 1/8 1 3/16 1 1/4 •
12	H60B12F	S	3.249	2.898	2.429	3/4 7/8 1 1 1/8 1 3/16 1 1/4 •
13	H60B13F	S	3.493	3.134	2.642	3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 3/8 • 1 7/16 • 1 1/2 •
14	H60B14F	S	3.736	3.371	2.902	3/4 7/8 1 1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 • 1 1/2 •
15	H60B15F	S	3.978	3.608	3.119	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	H60B16F	S	4.220	3.845	3.375	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	H60B17F	S	4.462	4.082	3.595	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	H60B18F	S	4.703	4.319	3.850	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	H60B19F	E	4.945	4.557	4.072	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	H60B20F	E	5.186	4.794	4.325	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
21	H60B21F	E	5.426	5.033	4.549	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
22	H60B22F	E	5.666	5.270	4.801	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
23	H60B23F	E	5.907	5.508	5.026	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
24	H60B24F	E	6.147	5.746	5.277	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
25	H60B25F	E	6.387	5.984	5.503	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
26	H60B26F	E	6.627	6.222	5.753	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
27	H60B27F	E	6.867	6.461	5.980	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
28	H60B28F	E	7.106	6.698	6.229	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
29	H60B29F	E	7.346	6.937	6.458	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
30	H60B30F	E	7.586	7.175	6.706	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
31	60B31F	E	7.826	7.413	6.935	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
32	60B32F	E	8.065	7.652	7.183	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
33	60B33F	E	8.305	7.890	7.412	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
34	60B34F	E	8.544	8.129	7.660	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
35	60B35F	E	8.783	8.367	7.889	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
36	60B36F	E	9.023	8.606	8.137	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 2 2 3/16 2 7/16
37	60B37F	E	9.262	8.844	8.367	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 2 2 3/16 2 7/16
38	60B38F	E	9.501	9.083	8.614	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 2 2 3/16 2 7/16
39	60B39F	E	9.740	9.321	8.844	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 2 2 3/16 2 7/16
40	60B40F	E	9.980	9.560	9.091	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 2 2 3/16 2 7/16
41	60B41F	E	10.219	9.798	9.321	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 2 2 3/16 2 7/16
42	60B42F	E	10.458	10.037	9.568	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 2 2 3/16 2 7/16
43	60B43F	E	10.697	10.275	9.799	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 2 2 3/16 2 7/16
44	60B44F	E	10.937	10.514	10.045	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 2 2 3/16 2 7/16
45	60B45F	E	11.176	10.752	10.276	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 2 2 3/16 2 7/16
46	60B46F	E	11.414	10.991	10.522	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 2 2 3/16 2 7/16
47	60B47F	E	11.654	11.229	10.754	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 2 2 3/16 2 7/16
48	60B48F	E	11.893	11.468	10.999	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 2 2 3/16 2 7/16
49	60B49F	E	12.132	11.706	11.231	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 2 2 3/16 2 7/16
50	60B50F	E	12.371	11.945	11.476	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 2 2 3/16 2 7/16
51	60B51F	E	12.610	12.183	11.708	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 2 2 3/16 2 7/16
52	60B52F	E	12.849	12.422	11.953	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 2 2 3/16 2 7/16
53	60B53F	E	13.088	12.660	12.186	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 2 2 3/16 2 7/16
54	60B54F	E	13.327	12.889	12.430	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 2 2 3/16 2 7/16
55	60B55F	E	13.566	13.137	12.663	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 2 2 3/16 2 7/16
56	60B56F	E	13.805	13.376	12.907	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 2 2 3/16 2 7/16
57	60B57F	E	14.044	13.615	13.140	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 2 2 3/16 2 7/16
58	60B58F	E	14.283	13.853	13.384	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 2 2 3/16 2 7/16
59	60B59F	E	14.522	14.092	13.618	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 2 2 3/16 2 7/16
60	60B60F	E	14.761	14.330	13.861	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 2 2 3/16 2 7/16
70	60B70F	E	17.150	16.717	16.248	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 2 2 3/16 2 7/16
72	60B72F	E	17.628	17.195	16.726	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 2 2 3/16 2 7/16
80	60B80F	E	19.539	19.103	18.634	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 2 2 3/16 2 7/16
84	60B84F	E	20.495	20.058	19.589	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 2 2 3/16 2 7/16
96	60B96F	E	23.360	22.922	22.453	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 2 2 3/16 2 7/16
112	60B112F	E	27.181	26.741	26.272	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 2 2 3/16 2 7/16

Hub diameters may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

• Indicates set screw at 90° and 180° from keyway.



Dimensional Data

Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

No.60 Stainless Steel

3/4" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
			¾" Pitch										
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
12	3.25	2.898	2.429				SS60B12	S	¾	1⅝	2⅜ ▲	1¼	1.5
13	3.49	3.134	2.642				SS60B13	S	¾	1⅝	211/32	1¼	1.8
14	3.74	3.371	2.902				SS60B14	S	¾	1⅝	29/16	1¼	2.0
15	3.98	3.608	3.119				SS60B15	S	¾	17/8	27/8	1¼	2.4
16	4.22	3.845	3.375				SS60B16	S	¾	2	31/16	1¼	2.8
17	4.46	4.082	3.595				SS60B17	S	¾	2¼	3¼	1¼	3.3
18	4.70	4.319	3.850	SS60A18	23/32	1.9	SS60B18	D	¾	2	3	1¼	3.8
19	4.95	4.557	4.072	SS60A19	23/32	2.1	SS60B19	D	¾	2	3	1¼	4.0
20	5.19	4.794	4.325	SS60A20	23/32	2.4	SS60B20	D	¾	2	3	1¼	4.6
21	5.43	5.033	4.549	SS60A21	23/32	2.5	SS60B21	D	¾	2	3	1¼	5.0
22	5.67	5.270	4.801	SS60A22	23/32	2.7	SS60B22	D	¾	2	3	1¼	5.3
23	5.91	5.508	5.026	SS60A23	23/32	3.0	SS60B23	D	¾	2	3	1¼	5.7
24	6.15	5.746	5.277	SS60A24	23/32	3.1	SS60B24	D	¾	2	3	1¼	5.9
25	6.39	5.984	5.503	SS60A25	23/32	3.3	SS60B25	D	¾	2	3	1¼	6.1
26	6.63	6.222	5.753	SS60A26	23/32	3.8	SS60B26	D	¾	2	3	1¼	6.3
28	7.11	6.937	6.458	SS60A28	23/32	4.2	SS60B28	D	¾	2⅜	3½	1¼	6.7
30	7.59	7.175	6.706	SS60A30	23/32	4.7	SS60B30	D	¾	2⅜	3½	1¼	7.0
35	8.78	8.387	7.889	SS60A35	23/32	6.9	SS60B35	D	¾	2⅜	3½	1¼	9.0
40	9.98	9.580	9.091	SS60A40	23/32	8.3	SS60B40	D	¾	2⅜	3½	1¼	11.7
45	11.18	10.752	10.276	SS60A45	23/32	10.6	SS60B45	D	¾	2⅜	3½	1¼	14.5
60	14.76	14.330	13.861	SS60A60	23/32	18.0	SS60B60	D	¾	2⅜	3½	1¼	25.0

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

▲ There is a recessed groove in the hub to allow for chain clearance.

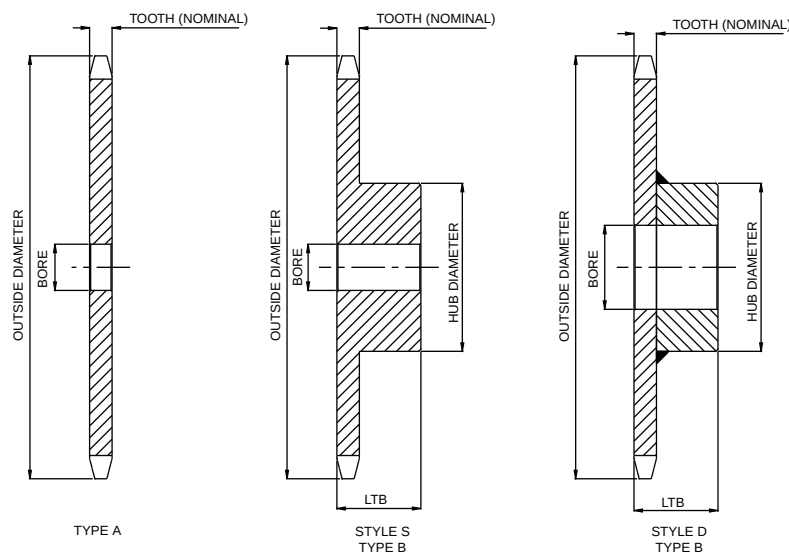
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.60 Multiple Strand

3/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters 3/4" Pitch					60-2 Double Strand (Type B and C)							60-3 Triple Strand (Type B and C)						
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)
11	3.005	2.663	2.166	3/4	HD60B11	B	S	1 1/16	1 25/32	2 1/8	1.8	HT60B11	B	S	1 1/16	1 25/32	3	2.6
12	3.249	2.898	2.429	3/4	HD60B12	B	S	1 3/8	2 1/32	2 1/8	2.3	HT60B12	B	S	1 3/8	2 1/32	3	3.3
13	3.493	3.134	2.642	3/4	HD60B13	B	S	1 1/2	2 1/4	2 1/8	2.8	HT60B13	B	S	1 1/2	2 1/4	3	4.1
14	3.736	3.371	2.902	3/4	HD60B14	B	S	1 3/4	2 1/2	2 1/8	3.5	HT60B14	B	S	1 3/4	2 1/2	3	4.9
15	3.978	3.608	3.119	3/4	HD60B15	B	S	1 7/8	2 3/4	2 1/8	4.1	HT60B15	B	S	1 7/8	2 3/4	3	5.9
16	4.220	3.845	3.375	3/4	HD60B16	B	S	2	3	2 1/8	4.8	HT60B16	B	S	2	3	3	6.9
17	4.462	4.082	3.595	3/4	HD60B17	B	S	2 1/4	3 3/32	2 1/8	5.6	HT60B17	B	S	2 1/4	3 3/32	3	8.0
18	4.703	4.319	3.850	1	HD60B18	B	S	2 3/8	3 7/16	2 1/8	6.2	HT60B18	B	S	2 3/8	3 7/16	3	8.8
19	4.945	4.557	4.072	1	HD60B19	B	S	2 1/2	3 11/16	2 1/8	7.0	HT60B19	B	S	2 1/2	3 11/16	3	10.0
20	5.186	4.794	4.325	1	HD60B20	B	S	2 1/2	3 3/4	2 1/8	7.7	HT60B20	B	S	2 1/2	3 3/4	3	11.1
21	5.426	5.033	4.549	1	HD60B21	B	S	2 3/4	4 1/8	2 1/8	8.9	HT60B21	B	S	2 3/4	4 1/8	3	12.7
22	5.666	5.270	4.801	1	HD60B22	B	S	2 3/4	4 1/4	2 1/8	9.7	HT60B22	B	S	2 3/4	4 1/4	3	14.0
23	5.907	5.508	5.026	1	HD60B23	B	S	2 3/4	4 1/4	2 1/8	10.4	HT60B23	B	S	2 3/4	4 1/4	3	15.1
24	6.147	5.746	5.277	1	HD60B24	B	S	2 3/4	4 1/4	2 1/8	11.1	HT60B24	B	S	2 3/4	4 1/4	3	16.3
25	6.387	5.984	5.503	1	HD60B25	B	S	2 3/4	4 1/4	2 1/8	12.0	HT60B25	B	S	2 3/4	4 1/4	3	17.7
26	6.627	6.222	5.753	1 1/16	HD60B26	B	S	2 3/4	4 1/4	2 1/8	13.0	HT60B26	B	S	2 3/4	4 1/4	3	18.2
30	7.586	7.175	6.706	1 1/16	HD60B30	B	S	2 3/4	4 1/4	2 1/8	16.7	HT60B30	B	S	2 3/4	4 1/4	3	23.0
32	8.065	7.652	7.183	1 3/16	D60B32	B	S	3	4 1/2	2 3/8	19.9							
35	8.783	8.367	7.889	1 3/16	D60B35	B	S	3	4 1/2	2 3/8	23.2	T60B35	B	S	3	4 1/2	3 1/4	31.4
36	9.023	8.606	8.137	1 3/16	D60B36	B	S	3	4 1/2	2 3/8	27.9	T60B36	B	S	3	4 1/2	3 1/4	35.3
40	9.980	9.580	9.091	1 3/16	D60B40	B	S	3 1/4	4 3/4	2 3/4	33.0							
42	10.458	10.037	9.568	1 3/16	D60B42	B	S	3 1/4	4 3/4	2 3/4	35.8	T60B42	B	S	3 1/4	4 3/4	3 5/8	45.7
45	11.176	10.752	10.276	1 3/16	D60B45	B	S	3 1/4	4 3/4	2 3/4	40.2	T60B45	B	S	3 1/4	4 3/4	3 5/8	51.6
48	11.893	11.468	10.999	1 3/16	D60B48	B	D	3 1/4	4 3/4	2 3/4	44.9	T60C48	C	D	3 1/4	4 3/4	5	57.9
52	12.849	12.422	11.953	1 3/16	D60B52	B	D	3 1/4	4 3/4	2 3/4	51.8	T60C52	C	D	3 1/4	4 3/4	5	66.9
60	14.761	14.330	13.861	1 3/16	D60B60	B	D	3 1/4	4 3/4	2 3/4	67.0	T60C60	C	D	3 1/4	4 3/4	5	87.2
68	16.673	16.240	15.771	1 7/16	D60C68	C	D	3 5/16	5	3	85.1	T60C68	C	D	3 5/16	5	5	111.0
72	17.628	17.195	16.726	1 7/16	D60C72	C	D	3 5/16	5	3	94.7	T60C72	C	D	3 5/16	5	5	124.0
76	18.584	18.149	17.680	1 7/16	D60C76	C	D	3 5/16	5	3	105.0	T60C76	C	D	3 5/16	5	5	137.0
84	20.495	20.056	19.589	1 7/16	D60C84	C	D	3 5/16	5	3	166.0	T60C84	C	D	3 5/16	5	5	166.0
96	23.360	22.922	22.453	1 11/16	D60C96	C	D	3 3/4	5 1/2	3 1/2	169.0	T60C96	C	D	3 3/4	5 1/2	5	220.0

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

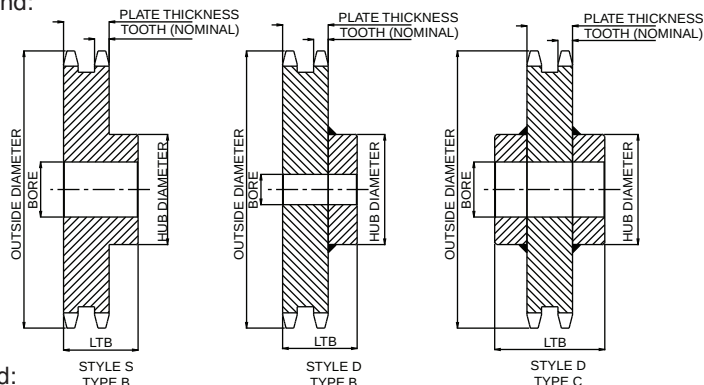
* Hub diameter may vary to suit bore size.

Dimensional Data

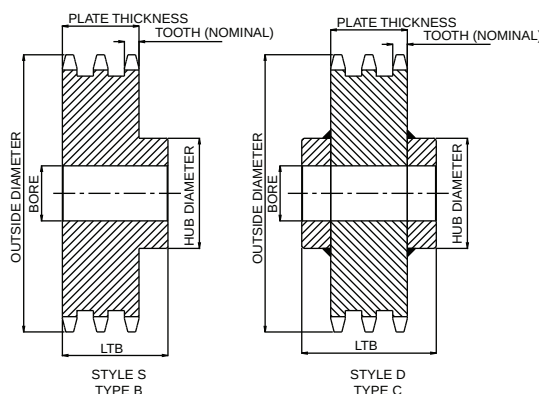
Double Strand Chain **60**
Size 60-2
Pitch 0.750"
Chain Inside Width 0.500"
Roller Diameter 0.469"
Nominal Tooth Width 0.444"
Plate Thickness 1.341"

Triple Strand Chain **60**
Size 60-3
Pitch 0.750"
Chain Inside Width 0.500"
Roller Diameter 0.469"
Nominal Tooth Width 0.444"
Plate Thickness 2.238"

Double Strand:



Triple Strand:



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).

No.60 Double Single

3/4" Pitch



Stock Bore

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
13	HDS60A13	3.49	3/4	1 1/2	1 15/16	1 31/64	2 11/32	2.6
14	HDS60A14	3.74	3/4	1 3/4	1 15/16	1 31/64	2 9/16	3.2
15	HDS60A15	3.98	3/4	1 7/8	1 15/16	1 31/64	2 7/8	3.8
16	HDS60A16	4.22	3/4	2	1 15/16	1 31/64	3 3/64	4.5
17	HDS60A17	4.46	3/4	2 1/4	1 15/16	1 31/64	3 1/4	5.3
18	HDS60A18	4.70	3/4	2 3/8	1 15/16	1 31/64	3 1/2	6.5
19	HDS60A19	4.95	3/4	2 1/2	1 15/16	1 31/64	3 45/64	6.8
20	HDS60A20	5.19	3/4	2 3/4	1 15/16	1 31/64	3 61/64	7.0
21	HDS60A21	5.43	3/4	2 7/8	1 15/16	1 31/64	4 3/16	7.5

"Taper-Lock" Style

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Bushing	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
17	HDS60ATL17	4.46	1615	1/2	1 5/8	1 15/16	1 31/64	3 7/32	4.5
18	HDS60ATL18	4.70	2012	1/2	2	1 15/16	1 31/64	3 15/32	5.0
19	HDS60ATL19	4.95	2012	1/2	2	1 15/16	1 31/64	3 45/64	5.8
20	HDS60ATL20	5.19	2517	1/2	2 1/2	1 15/16	1 31/64	3 31/64	5.6
21	HDS60ATL21	5.43	2517	1/2	2 1/2	1 15/16	1 31/64	4 3/16	6.4
23	HDS60ATL23	5.91	2517	1/2	2 1/2	1 15/16	1 31/64	4 43/64	7.3
24	HDS60ATL24	6.15	2517	1/2	2 1/2	1 15/16	1 31/64	4 29/32	8.2

Other bushing sizes available. Please specify bushing size when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
1615	1/2 - 1 5/8	1.00
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

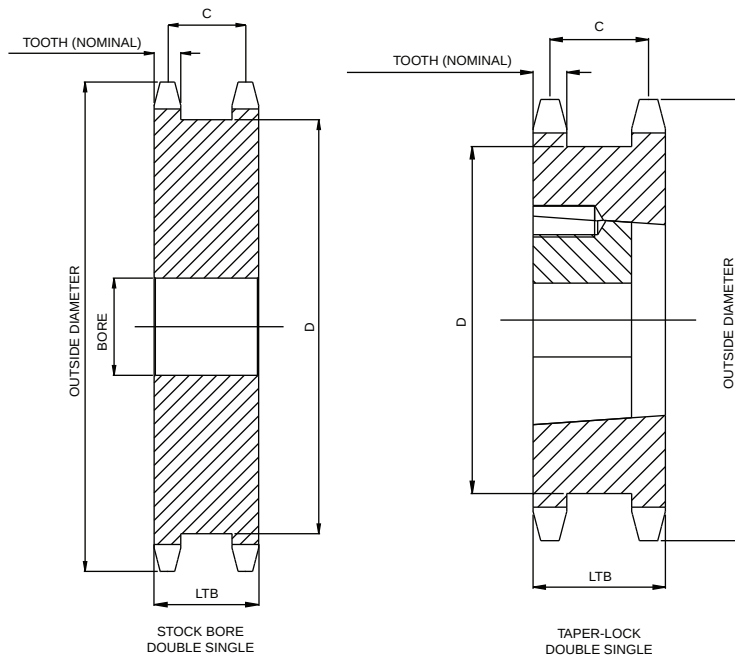
Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.60 Single "Taper-Lock" Style

3/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
11	3.004	2.663	2.166	H60BTL11	S	1008	1	1 ¹³ / ₁₆ ▲	7/8	0.6
12	3.249	2.898	2.429	H60BTL12	S	1008	1	1 ¹⁵ / ₁₆	7/8	0.8
13	3.493	3.134	2.642	H60BTL13	S	1210	1	2 ¹⁵ / ₃₂ ▲	1	0.8
14	3.736	3.371	2.902	H60BTL14	S	1210	1 1/4	2 ¹⁵ / ₃₂	1	1.0
15	3.979	3.608	3.119	H60BTL15	S	1610	1 5/8	2 ²⁵ / ₃₂	1	1.0
16	4.221	3.845	3.375	H60BTL16	S	1610	1 5/8	3	1	1.4
17	4.462	4.082	3.595	H60BTL17	S	1610	1 5/8	3 1/4	1	1.8
18	4.704	4.319	3.850	H60BTL18	S	1610	1 5/8	3 1/4	1	1.9
19	4.945	4.557	4.072	H60BTL19	S	1610	1 5/8	3 1/4	1	2.2
20	5.185	4.794	4.325	H60BTL20	S	2012	2	3 5/8	1 1/4	2.4
21	5.426	5.033	4.549	H60BTL21	S	2012	2	3 5/8	1 1/4	2.5
22	5.666	5.270	4.801	H60BTL22	E	2012	2	3 5/8	1 1/4	2.8
23	5.907	5.508	5.026	H60BTL23	E	2012	2	3 5/8	1 1/4	3.1
24	6.147	5.746	5.277	H60BTL24	E	2012	2	3 5/8	1 1/4	3.4
25	6.387	5.984	5.503	H60BTL25	E	2012	2	3 5/8	1 1/4	3.7
26	6.627	6.222	5.753	H60BTL26	E	2012	2	3 5/8	1 1/4	4.0
27	6.867	6.461	5.980	H60BTL27	E	2012	2	3 5/8	1 1/4	4.2
28	7.107	6.698	6.229	H60BTL28	E	2012	2	3 5/8	1 1/4	4.6
30	7.586	7.175	6.706	H60BTL30	E	2012	2	3 5/8	1 1/4	5.2
32	8.065	7.652	7.183	60BTL32	E	2012	2	3 5/8	1 1/4	5.6
35	8.783	8.367	7.889	60BTL35	E	2012	2	3 5/8	1 1/4	6.4
36	9.022	8.606	8.137	60BTL36	E	2012	2	3 5/8	1 1/4	6.6
40	9.980	9.580	9.091	60BTL40	E	2012	2	3 5/8	1 1/4	8.3
42	10.458	10.037	9.568	60BTL42	E	2012	2	3 5/8	1 1/4	10.0
45	11.175	10.752	10.276	60BTL45	E	2012	2	3 5/8	1 1/4	11.5
48	11.893	11.468	10.999	60BTL48	E	2012	2	3 5/8	1 1/4	13.2
54	13.327	12.899	12.430	60BTL54	E	2517	2 1/2	4 1/4	1 3/4	17.1
60	14.761	14.330	13.861	60BTL60	E	2517	2 1/2	4 1/4	1 3/4	21.0
70	17.150	16.717	16.248	60BTL70	E	2517	2 1/2	4 1/4	1 3/4	27.6
72	17.628	17.195	16.726	60BTL72	E	2517	2 1/2	4 1/4	1 3/4	30.0
80	19.539	19.103	18.634	60BTL80	E	2517	2 1/2	4 1/4	1 3/4	36.3
84	20.494	20.056	19.589	60BTL84	E	2517	2 1/2	4 1/4	1 3/4	40.6

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1008	1/2 - 1	0.20
1210	1/2 - 1 1/4	0.55
1610	1/2 - 1 5/8	0.70
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20

Refer to pages E-136 and E-137 for bushing specifications.

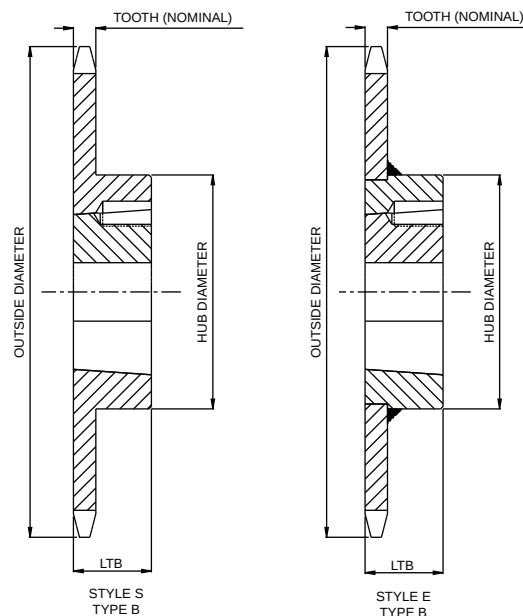
Dimensional Data	
Single Strand Chain Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



No.60 Double "Taper-Lock" Style

3/4" Pltch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A,B,C							
No. of Teeth	Outside Diameter	Pitch Diameter	¾" Pitch	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
			Caliper Diameter								
13	3.493	3.134	2.642	HD60BTL13	B	S	1215	1¼	2¼	1½	1.3
14	3.736	3.371	2.902	HD60BTL14	B	S	1215	1¼	2½	1½	1.8
15	3.979	3.608	3.119	HD60BTL15	B	S	1615	1⅝	2 ¹³ / ₁₆	1½	1.8
16	4.221	3.845	3.375	HD60BTL16	B	S	1615	1⅝	3	1½	2.3
17	4.462	4.082	3.595	HD60BTL17	B	S	1615	1⅝	3¼	1½	2.9
18	4.704	4.319	3.850	HD60ATL18	A	S	2012	2	-	1¼	2.4
19	4.945	4.557	4.072	HD60ATL19	A	S	2012	2	-	1¼	3.0
20	5.185	4.794	4.325	HD60BTL20	B	S	2517	2½	3 ⁶¹ / ₆₄	1¾	2.9
21	5.426	5.033	4.549	HD60BTL21	B	S	2517	2½	4 ³ / ₁₆	1¾	3.8
25	6.387	5.984	5.503	HD60BTL25	B	S	2517	2½	5 ⁵ / ₃₂	1¾	7.5
30	7.586	7.175	6.706	HD60BTL30	B	S	2517	2½	6 ¹¹ / ₃₂	1¾	13.2
36	9.022	8.606	8.137	D60CTL36	C	S	2517	2½	4¼	1¾	17.4
42	10.458	10.037	9.568	D60CTL42	C	S	2517	2½	4¼	1¾	25.1
45	11.175	10.752	10.276	D60CTL45	C	S	2517	2½	4¼	1¾	29.4
52	12.849	12.422	11.953	D60CTL52	C	S	2517	2½	4¼	1¾	40.6
60	14.761	14.330	13.861	D60CTL60	C	S	2517	2½	4¼	1¾	55.3
68	16.672	16.240	15.771	D60CTL68	C	S	2517	2½	4¼	1¾	72.7
76	18.583	18.149	17.680	D60CTL76	C	S	3020	3	5¼	2	90.0
95	23.121	22.684	22.212	D60CTL95	C	S	3020	3	5¼	2	145.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1215	1/2 - 1 1/4	0.7
1615	1/2 - 1 5/8	1.0
2012	1/2 - 2	1.4
2517	1/2 - 2 1/2	3.2
3020	15/16 - 3	5.8

Refer to pages E-136 and E-137 for bushing specifications.

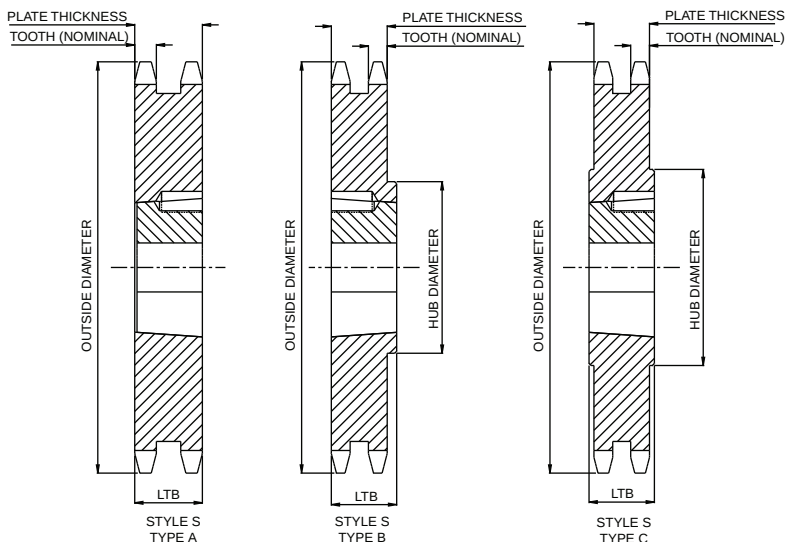
Dimensional Data	
Double Strand Chain	60
Size	60-2
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.444"
Plate Thickness	1.341"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B										
3/4" Pitch															
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	Weight (lbs.)	
11	3.005	2.663	2.166	H60JA11	S	JA	1 1/4	2 1/16	9/16	1	1	27/64	2	0.4	
12	3.249	2.898	2.429	H60JA12	S	JA	1 1/4	2 1/16	9/16	1	1	27/64	2	0.6	
13	3.493	3.134	2.642	H60JA13	S	JA	1 1/4	2 1/4	9/16	1	1	27/64	2	0.7	
14	3.736	3.371	2.902	H60SH14	S	SH	1 5/8	2 11/16	13/16	1 3/8	1 3/8	47/64	2 11/16	0.9	
15	3.978	3.608	3.119	H60SH15	S	SH	1 5/8	2 3/4	13/16	1 3/8	1 3/8	47/64	2 11/16	1.0	
16	4.220	3.845	3.375	H60SH16	S	SH	1 5/8	3	13/16	1 3/8	1 3/8	47/64	2 11/16	1.2	
17	4.462	4.082	3.595	H60SDS17	S	SDS	2	3 1/4	3/4	1 7/16	1 7/16	51/64	3 3/16	1.4	
18	4.703	4.319	3.850	H60SDS18	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	1.6	
19	4.945	4.557	4.072	H60SDS19	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	1.9	
20	5.186	4.794	4.325	H60SDS20	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	2.1	
21	5.426	5.033	4.549	H60SDS21	S	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	2.3	
22	5.666	5.270	4.801	H60SDS22	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	2.6	
23	5.907	5.508	5.026	H60SDS23	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	2.8	
24	6.147	5.746	5.277	H60SDS24	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	3.1	
25	6.387	5.984	5.503	H60SDS25	E	SDS	2	3 1/2	3/4	1 7/16	1 7/16	51/64	3 3/16	3.3	
26	6.627	6.222	5.753	H60SK26	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	4.6	
27	6.867	6.461	5.980	H60SK27	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	4.8	
28	7.106	6.698	6.229	H60SK28	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	5.0	
30	7.586	7.175	6.706	H60SK30	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	5.7	
32	8.065	7.652	7.183	60SK32	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	6.4	
35	8.783	8.367	7.889	60SK35	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	7.5	
36	9.023	8.606	8.137	60SK36	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	7.8	
40	9.980	9.580	9.091	60SK40	E	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 23/64	3 7/8	9.5	
42	10.458	10.037	9.568	60SF42	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	11.0	
45	11.176	10.752	10.276	60SF45	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	12.1	
48	11.893	11.468	10.999	60SF48	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 3/4	13.8	
54	13.327	12.899	12.430	60SF54	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	16.8	
60	14.761	14.330	13.861	60SF60	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	21.3	
70	17.150	16.717	16.248	60SF70	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	28.7	
72	17.628	17.195	16.726	60SF72	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	31.0	
80	19.539	19.103	18.634	60SF80	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	37.0	
84	20.495	20.056	19.589	60SF84	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	38.5	
96	23.360	22.922	22.453	60SF96	E	SF	2 15/16	5	1 1/4	2 3/16	2 3/16	1 31/64	4 5/8	52.3	
112	27.181	26.741	26.272	60E112	E	E	3 1/2	6 1/4	1 5/8	2 5/8	2 15/16	2 3/16	6	75.5	

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to page E-138 for bushing specifications.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
JA	1/2 - 1 1/4	1 1/16 - 1 1/4	1 1/4	0.8
SH	1/2 - 1 5/8	1 7/16 - 1 15/16	1 11/16	0.7
SDS	1/2 - 2	1 11/16 - 1 15/16	2	1.0
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	2.1
SF	1/2 - 2 15/16	2 5/16 - 2 15/16	2 13/16 - 2 15/16	3.1
E	7/8 - 3 1/2	2 15/16 - 3 1/2	-	7.1

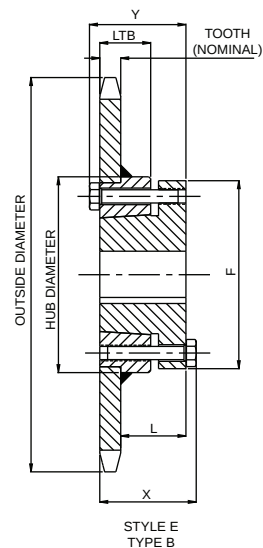
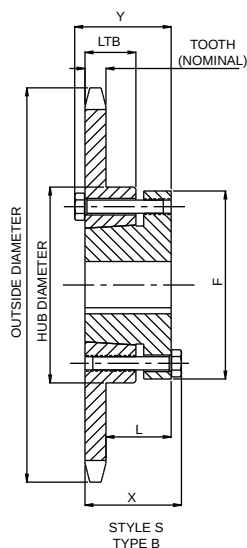
Dimensional Data	
Single Strand Chain	60
Size	60
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.60 Single Split Taper

3/4" Pitch



Innovation in Motion
TSUBAKI

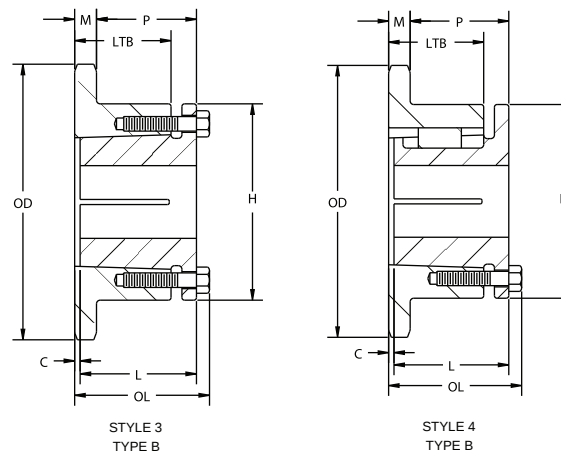
All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
3/4" Pitch				Catalogue Number	LTB									
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter		Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
10	2.758	2.427	1.958	H60G10	3	G1	1 1/8	1	1 3/4	1 3/32	0.459	9/16	2	0.6
11	3.004	2.663	2.166	H60H11	3	H1	1 3/16	1 1/4	1 3/16	1 5/32	0.459	3/8	2 1/2	0.7
12	3.249	2.898	2.429	H60H12	3	H1	1 1/8	1 1/4	1 3/4	1 3/32	0.459	5/16	2 1/2	0.7
13	3.493	3.134	2.642	H60H13	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	0.8
13	3.493	3.134	2.642	H60P13	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	1.2
14	3.736	3.371	2.902	H60H14	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.1
14	3.736	3.371	2.902	H60P14	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	1.4
15	3.978	3.608	3.119	H60H15	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.4
15	3.978	3.608	3.119	H60P15	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	1.7
16	4.221	3.845	3.375	H60H16	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.3
16	4.221	3.845	3.375	H60P16	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	1.8
17	4.462	4.082	3.595	H60H17	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.5
17	4.462	4.082	3.595	H60P17	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	2.1
18	4.703	4.319	3.850	H60H18	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.7
18	4.703	4.319	3.850	H60P18	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	2.2
19	4.945	4.557	4.072	H60H19	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	1.9
19	4.945	4.557	4.072	H60P19	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	2.5
20	5.185	4.794	4.325	H60H20	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	2.1
20	5.185	4.794	4.325	H60P20	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	3.1
20	5.185	4.794	4.325	H60Q20	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	3 7/8	3.5
21	5.426	5.033	4.549	H60P21	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	2.9
21	5.426	5.033	4.549	H60Q21	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	3 7/8	3.6
22	5.666	5.270	4.801	H60H22	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	2.6
22	5.666	5.270	4.801	H60P22	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	3.2
22	5.666	5.508	4.801	H60Q22	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	3 7/8	4.0
23	5.907	5.508	5.026	H60P23	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	3.5
23	5.907	5.746	5.026	H60Q23	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	4.1
24	6.147	5.746	5.277	H60H24	3	H1	7/8	1 1/4	1 1/2	27/32	0.459	1/16	2 1/2	3.0
24	6.147	5.984	5.277	H60P24	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	3.8
24	6.147	5.984	5.277	H60Q24	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	4.5
25	6.387	5.984	5.503	H60P25	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	4.1
25	6.387	5.984	5.503	H60Q25	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	5.9
26	6.627	6.222	5.753	H60P26	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	4.3
26	6.627	6.222	5.753	H60Q26	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	6.3
27	6.867	6.461	5.980	H60P27	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	4.5
27	6.867	6.461	5.980	H60Q27	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	6.4

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

Single Strand Chain **60**
Size **60**
Pitch **0.750"**
Chain Inside Width **0.500"**
Roller Diameter **0.469"**
Nominal Tooth Width **0.459"**



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



No.60 Single Split Taper

3/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
3/4" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
28	7.106	6.698	6.229	H60P28	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	4.9
28	7.106	6.698	6.229	H60Q28	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	6.9
29	7.346	6.937	6.458	H60Q29	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	7.3
30	7.586	7.175	6.706	H60P30	4	P1	1 5/16	1 15/16	2 3/16	1 15/32	0.459	-	3	5.6
30	7.586	7.175	6.706	H60Q30	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	7.6
31	7.825	7.413	6.935	60Q31	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	7.8
32	8.065	7.652	7.183	60Q32	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	8.3
33	8.304	7.890	7.412	60Q33	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	8.7
34	8.544	8.129	7.660	60Q34	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	9.1
35	8.783	8.367	7.889	60Q35	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	9.3
36	9.023	8.606	8.137	60Q36	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	9.9
37	9.262	8.844	8.367	60Q37	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	10.3
38	9.501	9.083	8.614	60Q38	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	10.6
39	9.740	9.321	8.844	60Q39	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	11.1
40	9.980	9.560	9.091	60Q40	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	11.6
41	10.219	9.798	9.321	60Q41	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	11.9
42	10.458	10.037	9.568	60Q42	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	12.6
44	10.936	10.514	10.045	60Q44	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	13.4
45	11.175	10.752	10.276	60Q45	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	13.9
47	11.654	11.229	10.754	60Q47	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	16.3
48	11.893	11.468	10.999	60Q48	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	16.4
50	12.371	11.945	11.476	60Q50	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	16.9
54	13.327	12.889	12.430	60Q54	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	19.6
56	13.805	13.376	12.907	60Q56	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	20.3
60	14.761	14.330	13.861	60Q60	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	22.9
70	17.150	16.717	16.248	60Q70	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	30.9
70	17.150	16.717	16.248	60R70	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	31.8
72	17.628	17.195	16.726	60Q72	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	31.9
72	17.628	17.195	16.726	60R72	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	34.1
80	19.539	19.103	18.634	60Q80	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	39.1
80	19.539	19.103	18.634	60R80	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	41.5
84	20.494	20.058	19.589	60Q84	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	41.6
84	20.494	20.058	19.589	60R84	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	44.8
96	23.360	22.922	22.453	60Q96	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	54.0
96	23.360	22.922	22.453	60R96	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	56.0
112	27.181	26.741	26.272	60Q112	4	Q1	1 3/4	2 1/2	2 25/32	2 1/32	0.459	-	4 1/2	73.0
112	27.181	26.741	26.272	60R112	4	R1	2	2 7/8	3 5/32	2 13/32	0.459	-	5 3/4	74.5

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

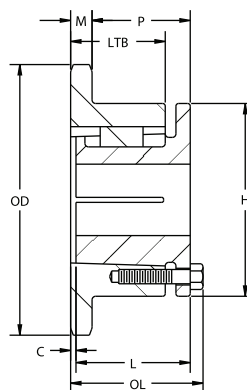
Single Strand Chain **60**
Size 60
Pitch 0.750"
Chain Inside Width 0.500"
Roller Diameter 0.469"
Nominal Tooth Width 0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 4
TYPE B

No.60 Double Split Taper

3/4" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
3/4" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
13	3.493	3.134	2.642	HD60P13	C	16	P1	1.341	1 15/16	3 13/16	1 13/32	1.341	1 5/8	3	2.5
14	3.736	3.371	2.902	HD60P14	B	12	P1	1.341	1 15/16	3	1 13/32	1.341	13/16	3	2.3
15	3.978	3.608	3.119	HD60P15	B	12	P1	1.341	1 15/16	3	1 13/32	1.341	13/16	3	2.7
16	4.221	3.845	3.375	HD60P16	A	13	P1	1.341	1 15/16	2 7/32	5/8	1.341	1/32	-	2.4
17	4.462	4.082	3.595	HD60P17	A	13	P1	1.341	1 15/16	2 7/32	5/8	1.341	1/32	-	2.8
18	4.703	4.319	3.850	HD60P18	A	13	P1	1.341	1 15/16	2 7/32	5/8	1.341	1/32	-	3.4
19	4.945	4.557	4.072	HD60P19	A	13	P1	1.341	1 15/16	2 7/32	5/8	1.341	1/32	-	4.0
20	5.185	4.794	4.325	HD60P20	A	13	P1	1.341	1 15/16	2 7/32	5/8	1.341	1/32	-	4.7
21	5.426	5.033	4.549	HD60Q21	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	3 7/8	4.8
22	5.666	5.270	4.801	HD60Q22	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	3 7/8	5.6
23	5.907	5.508	5.026	HD60Q23	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	6.3
24	6.147	5.746	5.277	HD60Q24	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	7.0
25	6.387	5.984	5.503	HD60Q25	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	7.9
26	6.627	6.222	5.753	HD60Q26	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	8.8
27	6.867	6.461	5.980	HD60Q27	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	9.6
28	7.106	6.698	6.229	HD60Q28	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	10.5
30	7.586	7.175	6.706	HD60Q30	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	12.3
32	8.065	7.652	7.183	D60Q32	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	14.3
35	8.783	8.367	7.889	D60Q35	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	17.7
36	9.023	8.606	8.137	D60Q36	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	18.4
40	9.980	9.580	9.091	D60Q40	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	23.9
42	10.458	10.037	9.568	D60Q42	B	12	Q1	1 3/4	2 1/2	2 25/32	1 5/32	1.341	-	4 1/2	26.3
42	10.458	10.037	9.568	D60R42	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	25.7
45	11.175	10.752	10.276	D60R45	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	30.2
48	11.893	11.468	10.999	D60R48	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	35.1
52	12.849	12.422	11.953	D60R52	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	41.8
54	13.327	12.899	12.430	D60R54	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	45.1
60	14.761	14.330	13.861	D60R60	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	54.8
68	16.672	16.240	15.771	D60R68	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	73.8
72	17.628	17.195	16.726	D60R72	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	81.8
76	18.583	18.149	17.680	D60R76	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	93.0
84	20.494	20.058	19.589	D60R84	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	111.0
95	23.121	22.684	22.212	D60R95	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	148.0
96	23.360	22.922	22.453	D60R96	B	12	R1	2	2 7/8	3 5/32	1 17/32	1.341	-	5 3/4	155.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

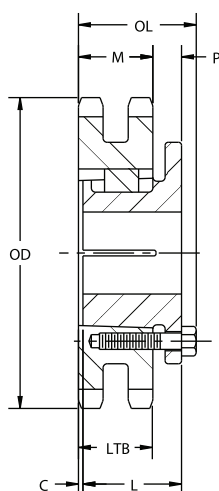
Double Strand Chain **60**
Size 60-2
Pitch 0.750"
Chain Inside Width 0.500"
Roller Diameter 0.469"
Nominal Tooth Width 0.444"
Plate Thickness 1.341"



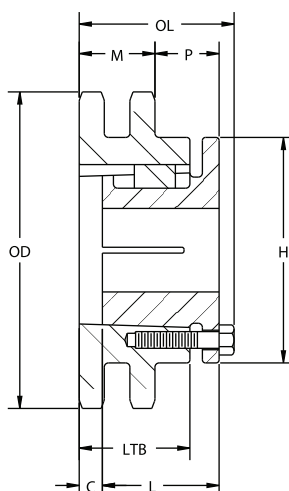
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



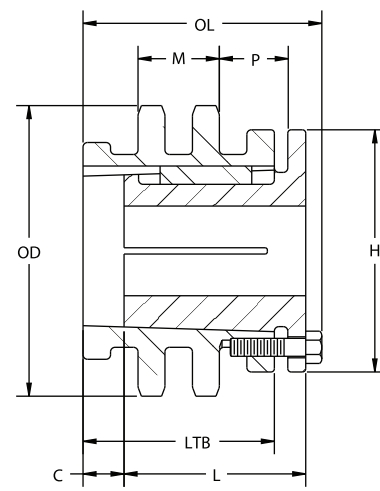
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 13
TYPE A



STYLE 12
TYPE B



STYLE 16
TYPE C



No.60 Triple Split Taper

3/4 Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
³ / ₄ " Pitch				Catalogue Number	Type	Style	Hub	LTB Bushing						Weight (lbs.)	
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter					LTB (L)	OL	P	M	C	H		
13	3.493	3.134	2.642	HT60P13	C	27	P2	2.238	2 ¹⁵ / ₁₆	4 ²³ / ₃₂	1 ¹³ / ₃₂	2.238	1 ¹⁷ / ₃₂	3	3.3
14	3.736	3.371	2.902	HT60P14	B	22	P2	2.238	2 ¹⁵ / ₁₆	3 ²⁹ / ₃₂	1 ¹³ / ₃₂	2.238	1 ²³ / ₃₂	3	3.3
15	3.978	3.608	3.119	HT60P15	B	22	P2	2.238	2 ¹⁵ / ₁₆	3 ²⁹ / ₃₂	1 ¹³ / ₃₂	2.238	1 ²³ / ₃₂	3	4.0
16	4.221	3.845	3.375	HT60P16	A	24	P1	2.238	1 ¹⁵ / ₁₆	3 ¹ / ₈	⁵ / ₈	2.238	¹⁵ / ₁₆	-	3.4
17	4.462	4.082	3.595	HT60Q17	C	27	Q1	2.238	3 ¹ / ₂	5	1 ²¹ / ₃₂	2.238	¹³ / ₃₂	4 ¹ / ₈	4.6
18	4.703	4.319	3.850	HT60Q18	B	22	Q1	2.238	3 ¹ / ₂	4 ³ / ₁₆	1 ²¹ / ₃₂	2.238	¹³ / ₃₂	4 ¹ / ₈	5.0
19	4.945	4.557	4.072	HT60Q19	B	22	Q1	2.238	3 ¹ / ₂	4 ³ / ₁₆	1 ²¹ / ₃₂	2.238	¹³ / ₃₂	4 ¹ / ₈	5.9
20	5.185	4.794	4.325	HT60Q20	B	22	Q1	2.238	3 ¹ / ₂	4 ³ / ₁₆	1 ²¹ / ₃₂	2.238	¹³ / ₃₂	4 ¹ / ₈	7.0
21	5.426	5.033	4.549	HT60Q21	A	24	Q1	2.238	2 ¹ / ₂	3 ¹ / ₄	³ / ₄	2.238	¹⁵ / ₃₂	-	5.7
22	5.666	5.270	4.801	HT60Q22	A	24	Q1	2.238	2 ¹ / ₂	3 ¹ / ₄	³ / ₄	2.238	¹⁵ / ₃₂	-	6.6
23	5.907	5.508	5.026	HT60Q23	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	7.7
24	6.147	5.746	5.277	HT60Q24	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	8.8
25	6.387	5.984	5.503	HT60Q25	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	10.0
26	6.627	6.222	5.753	HT60Q26	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	11.1
27	6.867	6.461	5.980	HT60Q27	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	12.4
28	7.106	6.698	6.229	HT60Q28	A	25	Q1	2.238	2 ¹ / ₂	2 ²⁵ / ₃₂	¹ / ₄	2.238	-	-	13.6
30	7.586	7.175	6.706	HT60R30	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	14.0
32	8.065	7.652	7.183	T60R32	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	19.0
35	8.783	8.367	7.889	T60R35	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	22.0
36	9.023	8.606	8.137	T60R36	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	23.4
40	9.980	9.580	9.091	T60R40	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	31.3
42	10.458	10.037	9.568	T60R42	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	35.3
52	12.849	12.422	11.953	T60R52	A	25	R1	2.238	2 ⁷ / ₈	3 ⁵ / ₃₂	⁵ / ₈	2.238	-	-	63.2
68	16.672	16.240	15.771	T60S68	B	22	S1	3 ⁵ / ₁₆	4 ³ / ₈	5 ¹ / ₈	2 ⁹ / ₆₄	2.238	-	6 ³ / ₈	122

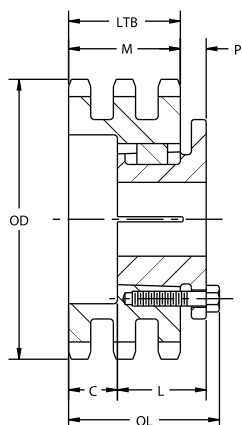
Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

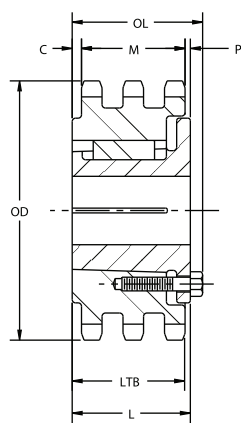
Triple Strand Chain	60
Size	60-3
Pitch	0.750"
Chain Inside Width	0.500"
Roller Diameter	0.469"
Nominal Tooth Width	0.444"
Plate Thickness	2.238"

If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

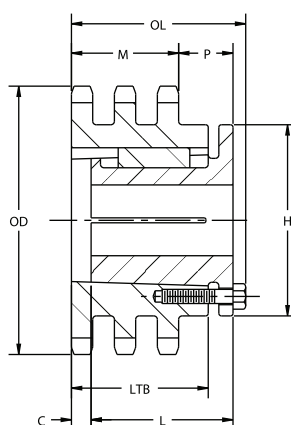
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



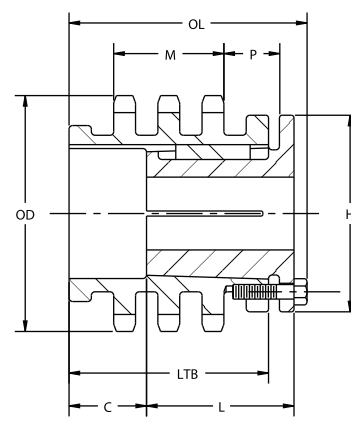
STYLE 24
TYPE A



STYLE 25
TYPE A



STYLE 22
TYPE B



STYLE 27
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	1" Pitch Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	3.041	2.613	1.988				H80B8	S	1	1 ¹⁵ / ₁₆	1 ¹⁵ / ₁₆ ▲	1 ¹⁵ / ₁₆	1.3
9	3.348	2.924	2.254	H80A9	1	0.7	H80B9	S	1	1 ³ / ₈	2 ⁹ / ₃₂ ▲	1 ¹⁵ / ₁₆	1.8
10	3.678	3.236	2.611	H80A10	1	1.0	H80B10	S	1	1 ¹ / ₂	2 ⁹ / ₁₆ ▲	1 ¹⁵ / ₁₆	2.4
11	4.006	3.550	2.888	H80A11	1	1.3	H80B11	S	1	1 ⁵ / ₈	2 ¹³ / ₁₆ ▲	1 ¹⁵ / ₁₆	2.9
12	4.332	3.864	3.239	H80A12	1	1.7	H80B12	S	1	1 ⁷ / ₈	3 ¹ / ₈ ▲	1 ¹⁵ / ₁₆	3.6
13	4.657	4.179	3.523	H80A13	1	2.0	H80B13	S	1	1 ³¹ / ₃₂	3 ¹ / ₃₂	1 ¹⁵ / ₁₆	3.8
14	4.981	4.494	3.869	H80A14	1	2.4	H80B14	S	1	2 ¹ / ₄	3 ¹ / ₄	1 ¹⁵ / ₁₆	4.4
15	5.304	4.810	4.158	H80A15	1	2.7	H80B15	S	1	2 ¹ / ₄	3 ¹³ / ₁₆	1 ¹⁵ / ₁₆	5.6
16	5.627	5.126	4.501	H80A16	1	3.1	H80B16	E	1	2 ⁷ / ₁₆	3 ³ / ₄	1 ⁵ / ₈	6.1
17	5.949	5.442	4.794	H80A17	1	3.5	H80B17	E	1	2 ⁷ / ₁₆	3 ³ / ₄	1 ⁵ / ₈	6.5
18	6.271	5.759	5.134	H80A18	1	4.0	H80B18	E	1	2 ⁷ / ₁₆	3 ³ / ₄	1 ⁵ / ₈	6.9
19	6.593	6.076	5.430	H80A19	1	4.4	H80B19	E	1	2 ⁷ / ₁₆	3 ³ / ₄	1 ⁵ / ₈	7.4
20	6.914	6.392	5.767	H80A20	1	4.4	H80B20	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	10.4
21	7.235	6.710	6.066	H80A21	1	5.0	H80B21	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	10.9
22	7.555	7.027	6.402	H80A22	1	5.6	H80B22	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	11.4
23	7.876	7.344	6.702	H80A23	1	6.2	H80B23	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	12.0
24	8.196	7.661	7.036	H80A24	1	6.6	H80B24	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	12.5
25	8.526	7.979	7.338	H80A25	1	7.0	H80B25	E	1	2 ¹⁵ / ₁₆	4 ¹ / ₂	1 ⁷ / ₈	13.1
26	8.836	8.296	7.671	H80A26	1 ³ / ₈	7.9	H80B26	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	14.0
27	9.156	8.614	7.974	H80A27	1 ³ / ₈	8.8	H80B27	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	14.7
28	9.475	8.931	8.306	H80A28	1 ³ / ₈	9.0	H80B28	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	15.4
29	9.795	9.249	8.611	H80A29	1 ³ / ₈	10.0	H80B29	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	16.0
30	10.114	9.567	8.942	H80A30	1 ³ / ₈	10.6	H80B30	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	16.8
31	10.434	9.884	9.247	80A31	1 ³ / ₈	11.3	80B31	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	17.5
32	10.753	10.202	9.577	80A32	1 ³ / ₈	11.9	80B32	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	18.3
33	11.073	10.520	9.883	80A33	1 ³ / ₈	12.7	80B33	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	19.0
34	11.392	10.838	10.213	80A34	1 ³ / ₈	13.7	80B34	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	20.0
35	11.711	11.156	10.520	80A35	1 ³ / ₈	14.9	80B35	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	20.7
36	12.030	11.474	10.849	80A36	1 ³ / ₈	15.3	80B36	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	21.6
37	12.349	11.792	11.156	80A37	1 ³ / ₈	16.1	80B37	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	22.4

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

▲ There is a recessed groove in the hub to allow for chain clearance.

* Hub diameter may vary to suit bore size.

Dimensional Data

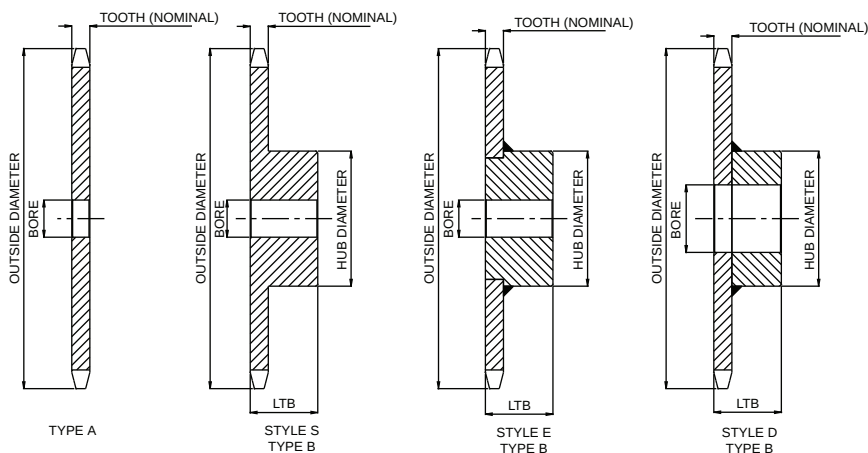
Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B,C							
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
38	12.668	12.110	11.485	80A38	1⅜	17.3	80B38	B	D	1⅜	3¼	4¾	1⅞	23.3
39	12.987	12.428	11.792	80A39	1⅜	18.3	80B39	B	D	1⅜	3¼	4¾	1⅞	24.3
40	13.306	12.746	12.121	80A40	1⅜	18.9	80B40	B	D	1⅜	3¼	4¾	1⅞	25.2
41	13.625	13.064	12.429	80A41	1⅜	20.0	80B41	B	D	1⅜	3¼	4¾	1⅞	26.2
42	13.944	13.382	12.757	80A42	1⅜	21.5	80B42	B	D	1⅜	3¼	4¾	1⅞	27.2
43	14.263	13.700	13.065	80A43	1⅜	22.8	80B43	B	D	1⅜	3¼	4¾	1⅞	28.2
44	14.582	14.018	13.393	80A44	1⅜	23.3	80B44	B	D	1⅜	3¼	4¾	1⅞	29.3
45	14.901	14.336	13.702	80A45	1⅜	24.7	80B45	B	D	1⅜	3¼	4¾	1⅞	30.3
46	15.219	14.654	14.029	80A46	1⅜	25.7	80B46	B	D	1⅜	3¼	4¾	1⅞	31.4
47	15.538	14.972	14.338	80A47	1⅜	27.3	80B47	B	D	1⅜	3¼	4¾	1⅞	32.6
48	15.857	15.290	14.665	80A48	1⅜	28.2	80B48	B	D	1⅜	3¼	4¾	1⅞	33.7
49	16.176	15.608	14.975	80A49	1⅜	29.0	80B49	B	D	1⅜	3¼	4¾	1⅞	34.9
50	16.495	15.926	15.301	80A50	1⅜	30.2	80B50	B	D	1⅜	3¼	4¾	1⅞	36.0
51	16.813	16.244	15.611	80A51	1⅜	31.4	80B51	B	D	1⅜	3¼	4¾	1⅞	37.3
52	17.132	16.562	15.937	80A52	1⅜	32.5	80B52	B	D	1⅜	3¼	4¾	1⅞	38.5
53	17.451	16.880	16.248	80A53	1⅜	34.6	80B53	B	D	1⅜	3¼	4¾	1⅞	39.9
54	17.769	17.198	16.573	80A54	1⅜	35.5	80B54	B	D	1⅜	3¼	4¾	1⅞	41.0
55	18.088	17.516	16.884	80A55	1⅜	37.0	80B55	B	D	1⅜	3¼	4¾	1⅞	42.4
56	18.407	17.835	17.210	80A56	1⅜	38.0	80B56	B	D	1⅜	3¼	4¾	1⅞	43.7
57	18.725	18.153	17.521	80A57	1⅜	39.3	80B57	B	D	1⅜	3¼	4¾	1⅞	45.1
58	19.044	18.471	17.846	80A58	1⅜	40.1	80B58	B	D	1⅜	3¼	4¾	1⅞	46.4
59	19.363	18.789	18.157	80A59	1⅜	42.2	80B59	B	D	1⅜	3¼	4¾	1⅞	47.9
60	19.681	19.107	18.482	80A60	1⅜	44.8	80B60	B	D	1⅜	3¼	4¾	1⅞	49.3
65	21.274	20.698	20.067	80A65	1⅜	51.6	80B65	B	D	1⅜	3¼	4¾	1⅞	56.8
70	22.867	22.289	21.664	80A70	1⅜	56.5	80C70	C	D	1⅜	4⅞	6¼	3¼	81.3
72	23.504	22.926	22.301	80A72	1⅜	64.5	80C72	C	D	1⅜	4⅞	6¼	3¼	84.7
80	26.052	25.471	24.846	80A80	1⅜	79.0	80C80	C	D	1⅜	4⅞	6¼	3¼	99.3
84	27.326	26.744	26.119	80A84	1⅜	86.0	80C84	C	D	1⅜	4⅞	6¼	3¼	107.2
96	31.147	30.563	29.938	80A96	1⅜	113.0	80C96	C	D	1⅜	4⅞	6¼	3¼	133.3
112	36.241	35.655	35.030	80A112	1⅜	159.0	80C112	C	D	1⅜	4⅞	6¼	3¼	173.3

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

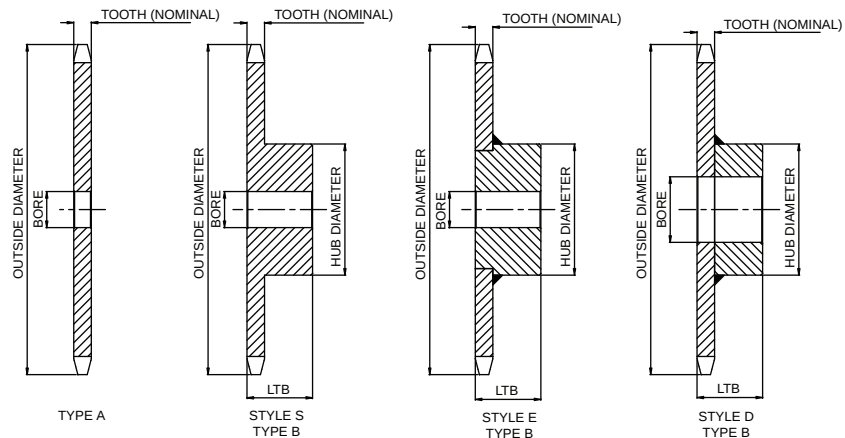
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.80 Finished Bore

1" Pitch

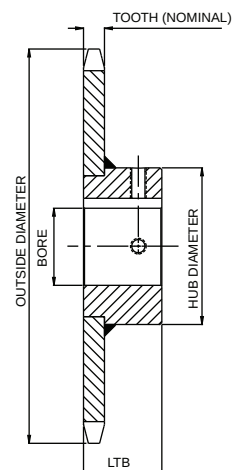
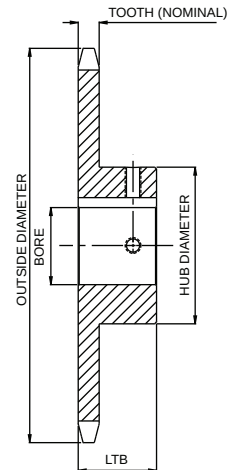


All dimensions in inches unless otherwise stated.

No. Teeth	Catalogue Number	Style	Sprocket Diameters 1" Pitch			Stock finished bores (including keyway and 2 set screws)
			Outside Dia.	Pitch Dia.	Caliper Dia.	
9	H80B9F	S	3.348	2.924	2.254	1 1/8 1 3/16 1 1/4
10	H80B10F	S	3.678	3.236	2.611	1 1/8 1 3/16 1 1/4
11	H80B11F	S	4.006	3.550	2.888	1 1/8 1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8*
12	H80B12F	S	4.332	3.864	3.239	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	H80B13F	S	4.657	4.179	3.523	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 5/16*
14	H80B14F	S	4.981	4.494	3.869	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 5/16*
15	H80B15F	S	5.304	4.810	4.158	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 5/16
16	H80B16F	E	5.627	5.126	4.501	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 5/16 2 2 3/16
17	H80B17F	E	5.949	5.442	4.794	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 5/16 2 2 3/16
18	H80B18F	E	6.271	5.759	5.134	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 5/16 2 2 3/16
19	H80B19F	E	6.593	6.076	5.430	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 5/16 2 2 3/16
20	H80B20F	E	6.914	6.392	5.767	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 5/16 2 2 3/16 2 7/16 2 15/16
21	H80B21F	E	7.235	6.710	6.066	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 5/16 2 2 3/16 2 7/16 2 15/16
22	H80B22F	E	7.555	7.027	6.402	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 5/16 2 2 3/16 2 7/16 2 15/16
23	H80B23F	E	7.876	7.344	6.702	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 5/16 2 2 3/16 2 7/16 2 15/16
24	H80B24F	E	8.196	7.661	7.036	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 5/16 2 2 3/16 2 7/16 2 15/16
25	H80B25F	E	8.526	7.979	7.338	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 5/16 2 2 3/16 2 7/16 2 15/16
26	H80B26F	E	8.836	8.296	7.671	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
27	H80B27F	E	9.156	8.614	7.974	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
28	H80B28F	E	9.475	8.931	8.306	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
29	H80B29F	E	9.795	9.249	8.611	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
30	H80B30F	E	10.114	9.567	8.942	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
31	80B31F	E	10.434	9.884	9.247	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
32	80B32F	E	10.753	10.202	9.577	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
33	80B33F	E	11.073	10.520	9.883	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
34	80B34F	E	11.392	10.838	10.213	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
35	80B35F	E	11.711	11.156	10.520	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
36	80B36F	E	12.030	11.474	10.849	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
37	80B37F	E	12.349	11.792	11.156	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
38	80B38F	E	12.668	12.110	11.485	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
39	80B39F	E	12.987	12.428	11.792	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
40	80B40F	E	13.306	12.746	12.121	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
41	80B41F	E	13.625	13.064	12.429	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
42	80B42F	E	13.944	13.382	12.757	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
43	80B43F	E	14.263	13.700	13.065	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
44	80B44F	E	14.582	14.018	13.393	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
45	80B45F	E	14.901	14.336	13.702	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
46	80B46F	E	15.219	14.654	14.029	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
47	80B47F	E	15.538	14.972	14.338	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
48	80B48F	E	15.857	15.290	14.665	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
49	80B49F	E	16.176	15.608	14.975	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
50	80B50F	E	16.495	15.926	15.301	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
51	80B51F	E	16.813	16.244	15.611	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
52	80B52F	E	17.132	16.562	15.937	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
53	80B53F	E	17.451	16.880	16.248	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
54	80B54F	E	17.769	17.198	16.573	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
55	80B55F	E	18.088	17.516	16.884	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
56	80B56F	E	18.407	17.835	17.210	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
57	80B57F	E	18.725	18.153	17.521	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
58	80B58F	E	19.044	18.471	17.846	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
59	80B59F	E	19.363	18.789	18.157	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16
60	80B60F	E	19.681	19.107	18.482	1 3/16 1 1/4 1 3/8 1 7/16 1 1/2 1 5/8 1 3/4 1 5/16 2 2 3/16 2 7/16 2 15/16

Hub diameters may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

* Indicates set screw at 90° and 180° from keyway.



Dimensional Data

Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.80 Stainless Steel

1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	1" Pitch	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
			Caliper Diameter							
10	3.678	3.236	2.611	SS80B10	S	1	1½	2⅞	1⅞	2.4
11	4.006	3.550	2.888	SS80B11	S	1	1⅝	2⅞	1⅞	2.9
12	4.332	3.864	3.239	SS80B12	S	1	1⅞	3⅞	1⅞	3.6
13	4.657	4.179	3.523	SS80B13	S	1	1⅞	3⅞	1⅞	3.8
14	4.981	4.494	3.869	SS80B14	S	1	2¼	3¼	1⅞	4.4
15	5.305	4.810	4.158	SS80B15	S	1	2¼	3⅞	1⅞	5.6
16	5.627	5.126	4.501	SS80B16	S	1	2⅞	3¾	1⅞	6.1
18	6.271	5.759	5.134	SS80B18	S	1	2⅞	3¾	1⅞	6.9
19	6.593	6.076	5.430	SS80B19	S	1	2⅞	3¾	1⅞	7.4
20	6.914	6.392	5.767	SS80B20	S	1	2⅞	4½	1⅞	10.4
22	7.555	7.027	6.402	SS80B22	D	1	2⅞	4½	1⅞	11.4
23	7.826	7.344	6.702	SS80B23	D	1	2⅞	4½	1⅞	12.0
24	8.196	7.661	7.036	SS80B24	D	1	2⅞	4½	1⅞	12.5

All stainless steel sprockets are constructed from grade 304 stainless steel and meet food grade standards. Other stainless steel materials are available upon request.

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

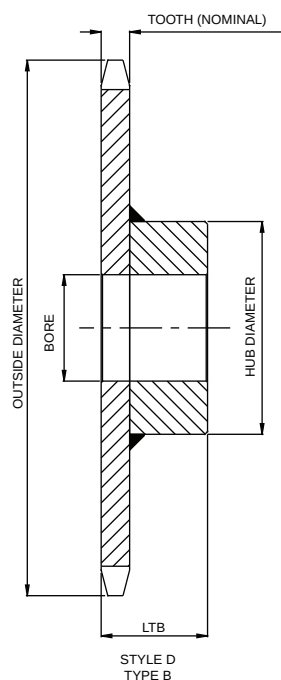
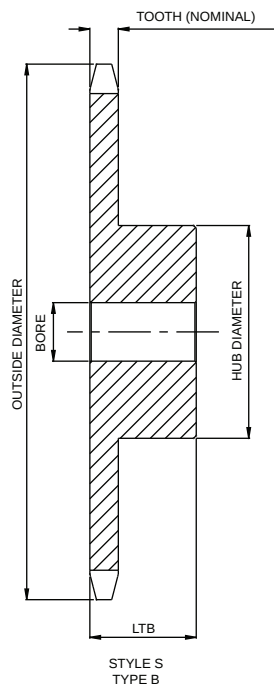
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.80 Multiple Strand

1" Pitch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters					80-2										80-3							
1" Pitch					Double Strand (Type B and C)										Triple Strand (Type B and C)							
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)				
10	3.678	3.236	2.611	1	HD80B10	B	S	1 ³ / ₈	2 ⁹ / ₁₆ ▲	2 ³ / ₄	3.50											
11	4.006	3.550	2.888	1	HD80B11	B	S	1 ⁹ / ₁₆	2 ³ / ₈	2 ¹ / ₂	3.90	HT80B11	B	S	1 ⁹ / ₁₆	2 ³ / ₈	3 ⁵ / ₈	5.7				
12	4.332	3.864	3.239	1	HD80B12	B	S	1 ¹³ / ₁₆	2 ¹¹ / ₁₆	2 ¹ / ₂	4.90	HT80B12	B	S	1 ¹³ / ₁₆	2 ¹¹ / ₁₆	3 ⁵ / ₈	7.2				
13	4.657	4.179	3.523	1	HD80B13	B	S	2	3 ¹ / ₃₂	2 ¹ / ₂	6.10	HT80B13	B	S	2	3 ¹ / ₃₂	3 ⁵ / ₈	8.9				
14	4.981	4.494	3.869	1	HD80B14	B	S	2 ¹ / ₄	3 ⁵ / ₁₆	2 ¹ / ₂	7.30	HT80B14	B	S	2 ¹ / ₄	3 ⁵ / ₁₆	3 ⁵ / ₈	10.7				
15	5.304	4.810	4.158	1	HD80B15	B	S	2 ¹ / ₂	3 ⁵ / ₈	2 ¹ / ₂	8.70	HT80B15	B	S	2 ¹ / ₂	3 ⁵ / ₈	3 ⁵ / ₈	12.7				
16	5.627	5.126	4.501	1	HD80B16	B	S	2 ³ / ₄	4	2 ³ / ₄	11.10	HT80B16	B	S	2 ³ / ₄	4	3 ⁷ / ₈	15.8				
17	5.949	5.442	4.794	1	HD80B17	B	S	2 ⁷ / ₈	4 ⁵ / ₁₆	2 ³ / ₄	12.80	HT80B17	B	S	2 ⁷ / ₈	4 ⁵ / ₁₆	3 ⁷ / ₈	18.3				
18	6.271	5.759	5.134	1	HD80B18	B	S	3 ¹ / ₈	4 ⁵ / ₈	2 ³ / ₄	14.60	HT80B18	B	S	3 ¹ / ₈	4 ⁵ / ₈	3 ⁷ / ₈	20.9				
19	6.593	6.076	5.430	1	HD80B19	B	S	3 ⁵ / ₁₆	4 ¹⁵ / ₁₆	2 ³ / ₄	16.60	HT80B19	B	S	3 ⁵ / ₁₆	4 ¹⁵ / ₁₆	3 ⁷ / ₈	23.8				
20	6.914	6.392	5.767	1	HD80B20	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	18.20	HT80B20	B	S	3 ⁵ / ₁₆	5	3 ⁷ / ₈	26.2				
21	7.235	6.710	6.066	1	HD80B21	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	19.60	HT80B21	B	S	3 ⁵ / ₁₆	5	3 ⁷ / ₈	28.6				
22	7.560	7.027	6.402	1	HD80B22	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	21.00	HT80B22	B	S	3 ⁵ / ₁₆	5	3 ⁷ / ₈	31.0				
23	7.880	7.344	6.702	1	HD80B23	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	22.80	HT80B23	B	S	3 ⁵ / ₁₆	5	3 ⁷ / ₈	34.0				
24	8.196	7.661	7.036	1 ⁵ / ₁₆	HD80B24	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	24.70	HT80B24	B	S	3 ⁵ / ₁₆	5	3 ⁷ / ₈	34.6				
25	8.520	7.979	7.338	1 ⁵ / ₁₆	HD80B25	B	S	3 ⁵ / ₁₆	5	2 ³ / ₄	28.30	HT80B25	B	S	3 ³ / ₄	5 ¹ / ₂	4 ¹ / ₄	41.0				
30	10.114	9.567	8.942	1 ⁵ / ₁₆	HD80B30	B	S	3 ³ / ₄	5 ¹ / ₂	3	39.50	HT80B30	B	S	3 ³ / ₄	5 ¹ / ₂	4 ¹ / ₄	52.2				
36	12.030	11.471	10.849	1 ⁷ / ₁₆	D80B36	B	D	3 ³ / ₄	5 ¹ / ₂	3 ¹ / ₈	55.10	T80B36	B	D	3 ³ / ₄	5 ¹ / ₂	4 ¹ / ₄	75.1				
45	14.901	14.366	13.702	1 ⁷ / ₁₆	D80B45	B	D	3 ³ / ₄	5 ¹ / ₂	3 ¹ / ₈	85.80	T80C45	C	W	4	6	4 ¹ / ₂	90.2				
48	15.857	15.290	14.665	1 ⁷ / ₁₆	D80C48	C	W	3 ³ / ₄	5 ¹ / ₂	3 ³ / ₄	68.30	T80C48	C	W	4	6	4 ¹ / ₂	99.6				
60	19.681	19.107	18.482	1 ⁷ / ₁₆	D80C60	C	W	3 ³ / ₄	5 ¹ / ₂	3 ³ / ₄	91.20	T80C60	C	W	4	6	4 ¹ / ₂	131.1				
80	26.052	25.471	24.846	1 ⁷ / ₁₆	D80C80	C	W	4	6	4	142.80	T80C80	C	W	4	6	4 ¹ / ₂	192.1				

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

▲ There is a recessed groove in the hub to allow for chain clearance.

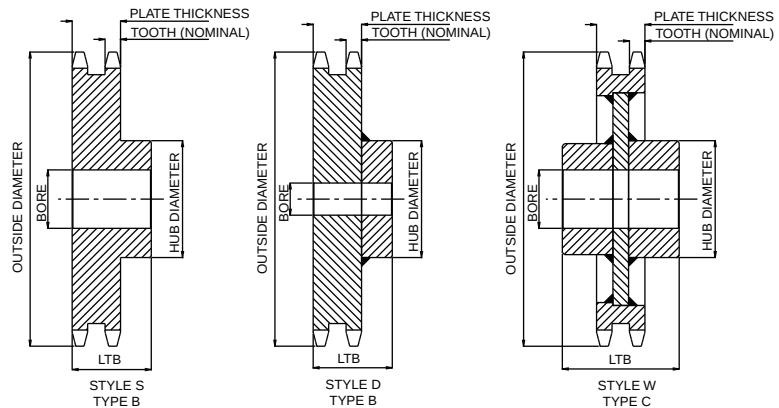
* Hub diameter may vary to suit bore size.

Dimensional Data

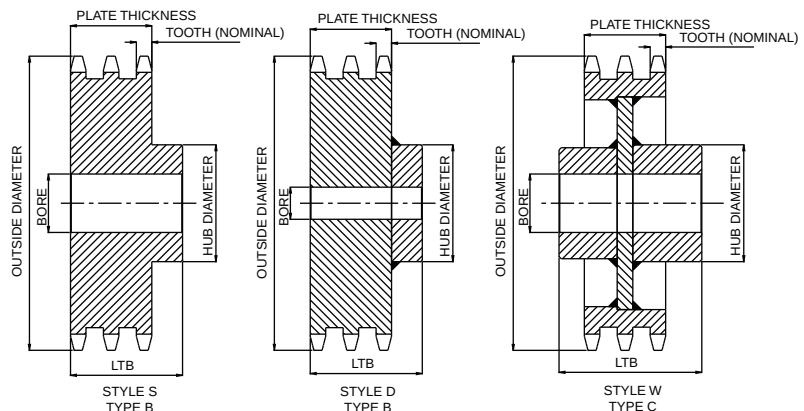
Double Strand Chain **80**
Size 80-2
Pitch 1.000"
Chain Inside Width 0.625"
Roller Diameter 0.625"
Nominal Tooth Width 0.557"
Plate Thickness 1.710"

Triple Strand Chain **80**
Size 80-3
Pitch 1.000"
Chain Inside Width 0.625"
Roller Diameter 0.625"
Nominal Tooth Width 0.557"
Plate Thickness 2.863"

Double Strand



Triple Strand



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



Stock Bore

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Stock Bore	Max. Bore	LTB	C	D	Weight (lbs.)
13	HDS80A13	4.66	1	2	$2\frac{3}{16}$	$1\frac{5}{8}$	$3\frac{1}{64}$	6.5
14	HDS80A14	4.98	1	$2\frac{1}{4}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$3\frac{11}{32}$	7.7
15	HDS80A15	5.30	1	$2\frac{3}{8}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$3\frac{13}{16}$	9.1
16	HDS80A16	5.63	1	$2\frac{11}{16}$	$2\frac{3}{16}$	$1\frac{5}{8}$	4	9.5
17	HDS80A17	5.95	1	$2\frac{13}{16}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{5}{16}$	10.8
18	HDS80A18	6.27	1	$3\frac{1}{8}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{41}{64}$	12.1
19	HDS80A19	6.59	1	$3\frac{1}{4}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{61}{64}$	12.8
20	HDS80A20	6.91	1	$3\frac{1}{2}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$5\frac{9}{32}$	14.0
21	HDS80A21	7.24	1	$3\frac{3}{4}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$5\frac{19}{32}$	16.5
22	HDS80A22	7.56	1	$3\frac{7}{8}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$5\frac{59}{64}$	18.4

"Taper-Lock" Style

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Outside Diameter	Bushing	Stock Bore	Max. Bore	LTB	C	D	Weight (lbs.)
17	HDS80ATL17	5.95	2517	$\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{5}{16}$	7.6
18	HDS80ATL18	6.27	2517	$\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{3}{4}$	8.7
19	HDS80ATL19	6.59	3020	$\frac{15}{16}$	3	$2\frac{3}{16}$	$1\frac{5}{8}$	$4\frac{61}{64}$	9.7
20	HDS80ATL20	6.91	3020	$\frac{15}{16}$	3	$2\frac{3}{16}$	$1\frac{5}{8}$	$5\frac{9}{32}$	10.0
21	HDS80ATL21	7.24	3020	$\frac{15}{16}$	3	$2\frac{3}{16}$	$1\frac{5}{8}$	$5\frac{19}{32}$	12.0
23	HDS80ATL23	7.88	3020	$\frac{15}{16}$	3	$2\frac{3}{16}$	$1\frac{5}{8}$	$6\frac{15}{64}$	14.5

Other bushing sizes available. Please specify bushing size when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
2517	$\frac{1}{2}$ - $2\frac{1}{2}$	3.20
3020	$\frac{15}{16}$ - 3	5.80

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

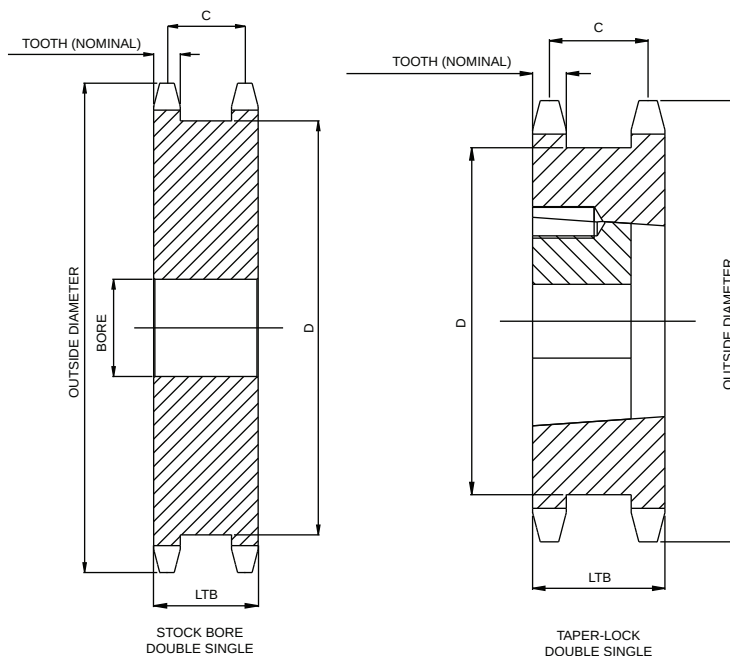
Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.80 Single "Taper-Lock" Style

1" Pitch



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All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
1" Pitch				Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter							
10	3.678	3.236	2.611	H80BTL10	S	1215	1 1/4	2 3/8 ▲	1 1/2	1.1
11	4.006	3.550	2.888	H80BTL11	S	1215	1 1/4	2 15/32 ▲	1 1/2	1.5
12	4.332	3.864	3.239	H80BTL12	S	1615	1 5/8	3 ▲	1 1/2	1.8
13	4.657	4.179	3.523	H80BTL13	S	1615	1 5/8	3	1 1/2	2.3
14	4.982	4.494	3.869	H80BTL14	S	1615	1 5/8	3 1/4	1 1/2	2.5
15	5.300	4.810	4.158	H80BTL15	S	1615	1 5/8	3 1/4	1 1/2	2.7
16	5.627	5.126	4.501	H80BTL16	S	2012	2	3 5/8	1 1/4	2.8
17	5.950	5.442	4.794	H80BTL17	E	2012	2	3 5/8	1 1/4	3.1
18	6.271	5.759	5.134	H80BTL18	E	2012	2	3 5/8	1 1/4	3.6
19	6.593	6.076	5.430	H80BTL19	E	2012	2	3 5/8	1 1/4	4.1
20	6.914	6.392	5.767	H80BTL20	E	2517	2 1/2	4 1/4	1 3/4	5.5
21	7.235	6.710	6.066	H80BTL21	E	2517	2 1/2	4 1/4	1 3/4	6.0
22	7.555	7.027	6.402	H80BTL22	E	2517	2 1/2	4 1/4	1 3/4	6.5
23	7.875	7.344	6.702	H80BTL23	E	2517	2 1/2	4 1/4	1 3/4	7.0
24	8.196	7.661	7.036	H80BTL24	E	2517	2 1/2	4 1/4	1 3/4	7.5
25	8.516	7.979	7.338	H80BTL25	E	2517	2 1/2	4 1/4	1 3/4	8.1
26	8.836	8.296	7.671	H80BTL26	E	2517	2 1/2	4 1/4	1 3/4	8.8
27	9.156	8.614	7.974	H80BTL27	E	2517	2 1/2	4 1/4	1 3/4	9.0
28	9.475	8.931	8.306	H80BTL28	E	2517	2 1/2	4 1/4	1 3/4	9.5
30	10.114	9.567	8.942	H80BTL30	E	2517	2 1/2	4 1/4	1 3/4	11.5
32	10.753	10.202	9.577	80BTL32	E	2517	2 1/2	4 1/4	1 3/4	12.0
35	11.711	11.156	10.520	80BTL35	E	2517	2 1/2	4 1/4	1 3/4	15.2
36	12.030	11.474	10.849	80BTL36	E	2517	2 1/2	4 1/4	1 3/4	17.0
40	13.306	12.746	12.121	80BTL40	E	2517	2 1/2	4 1/4	1 3/4	21.0
45	14.901	14.336	13.702	80BTL45	E	2517	2 1/2	4 1/4	1 3/4	26.5
48	15.857	15.290	14.665	80BTL48	E	2517	2 1/2	4 1/4	1 3/4	29.5
54	17.769	17.198	16.573	80BTL54	E	2517	2 1/2	4 1/4	1 3/4	38.5
60	19.681	19.107	18.482	80BTL60	E	2517	2 1/2	4 1/4	1 3/4	45.2
70	22.867	22.289	21.664	80BTL70	E	3020	3	5 1/4	2	52.3
80	26.052	25.471	24.846	80BTL80	E	3020	3	5 1/4	2	69.2

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

▲ There is a recessed groove in the hub to allow for chain clearance.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1215	1/2 - 1 1/4	0.70
1615	1/2 - 1 5/8	1.00
2012	1/2 - 2	1.40
2517	1/2 - 2 1/2	3.20
3020	15/16 - 3	5.80

Refer to pages E-136 and E-137 for bushing specifications.

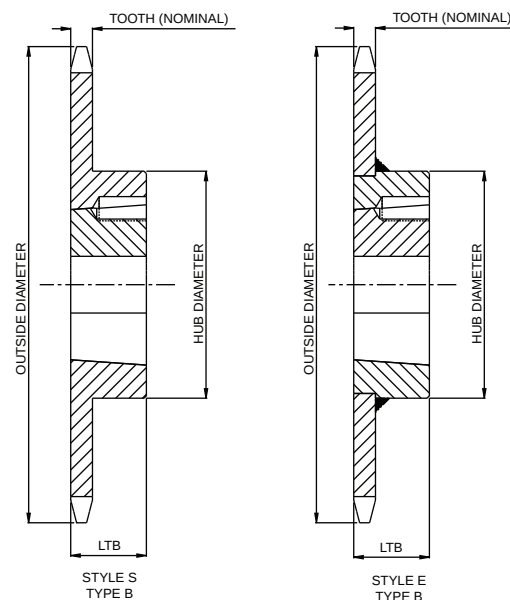
Dimensional Data	
Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).





No.80 Double "Taper-Lock" Style

1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A,B,C							
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
13	4.567	4.179	3.523	HD80ATL13	A	S	1615	1½	-	1½	3.3
14	4.982	4.494	3.869	HD80ATL14	A	S	2012	2	-	1¼	3.3
15	5.305	4.810	4.158	HD80ATL15	A	S	2012	2	-	1¼	4.2
16	5.627	5.126	4.501	HD80ATL16	A	S	2517	2½	3⅛	1¾	4.2
17	5.950	5.442	4.794	HD80ATL17	A	S	2517	2½	3⅛	1¾	4.9
18	6.271	5.759	5.134	HD80ATL18	A	S	2517	2½	3⅛	1¾	6.2
19	6.593	6.076	5.430	HD80BTL19	B	S	3020	3	5	2	5.5
20	6.914	6.392	5.767	HD80BTL20	B	S	3020	3	5¼	2	7.1
21	7.235	6.710	6.066	HD80BTL21	B	S	3020	3	5⅞	2	8.8
25	8.516	7.979	7.338	HD80BTL25	B	S	3020	3	6⅞	2	16.3
30	10.114	9.567	8.942	HD80CTL30	C	S	3020	3	5¼	2	25.1
36	12.030	11.471	10.849	D80CTL36	C	S	3020	3	5¼	2	39.6
42	13.944	13.382	12.757	D80CTL42	C	S	3020	3	5¼	2	46.4
45	14.901	14.336	13.702	D80CTL45	C	S	3020	3	5¼	2	68.0
52	17.132	16.562	15.937	D80CTL52	C	W	3020	3	5¼	2	92.0
60	19.681	19.107	18.482	D80CTL60	C	W	3020	3	5¼	2	125.0
68	22.230	21.653	21.028	D80CTL68	C	W	3020	3	5¼	2	164.0
76	24.778	24.198	23.573	D80CTL76	C	W	3020	3	5¼	2	193.0
95	30.828	30.245	29.616	D80CTL95	C	W	3020	3	5¼	2	332.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1615	½ - 1⅝	1.00
2012	½ - 2	1.40
2517	½ - 2½	3.20
3020	⅝ - 3	5.80

Dimensional Data

Double Strand Chain 80
 Size 80-2
 Pitch 1.000"
 Chain Inside Width 0.625"
 Roller Diameter 0.625"
 Nominal Tooth Width 0.557"
 Plate Thickness 1.710"

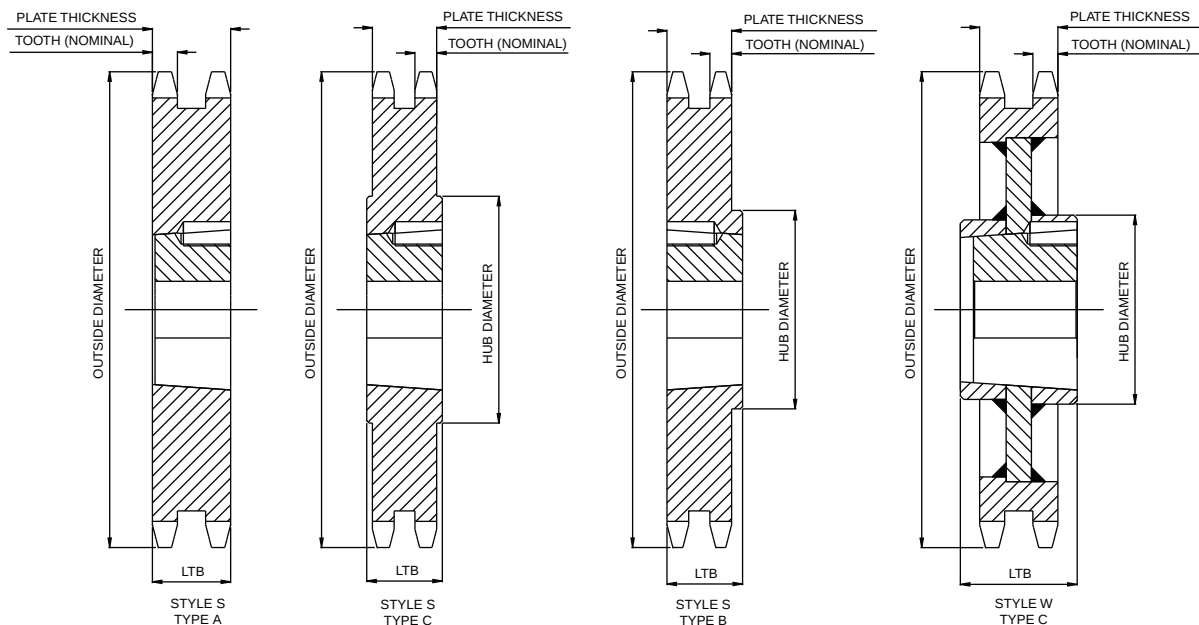


If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).

Refer to pages E-136 and E-137 for bushing specifications.



No.80 "QD" Style

1" Pitch



Innovation in Motion
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All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B											
1" Pitch																
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	(lbs.)	Weight
11	4.006	3.550	2.888	H80SH11	B	S	SH	1 ⁵ / ₁₆	2 ¹¹ / ₁₆		1 ³ / ₁₆	1 ³ / ₈	1 ³ / ₈	1 ⁹ / ₃₂	2 ¹¹ / ₁₆	1.1
12	4.332	3.864	3.239	H80SH12	B	S	SH	1 ⁵ / ₈	2 ³ / ₄		1 ³ / ₁₆	1 ³ / ₈	1 ³ / ₈	1 ⁹ / ₃₂	2 ¹¹ / ₁₆	1.3
13	4.657	4.179	3.523	H80SDS13	B	S	SDS	2	3 ³ / ₁₆		3 ⁴ / ₁₆	1 ⁷ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₆₄	3 ³ / ₁₆	1.5
14	4.981	4.494	3.869	H80SDS14	B	S	SDS	2	3 ³ / ₈		3 ⁴ / ₁₆	1 ⁷ / ₁₆	1 ⁷ / ₁₆	4 ³ / ₆₄	3 ³ / ₁₆	1.8
15	5.304	4.810	4.158	H80SK15	B	S	SK	2 ⁵ / ₈	3 ⁷ / ₈		1 ¹ / ₄	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹⁵ / ₆₄	3 ⁷ / ₈	2.5
16	5.627	5.126	4.501	H80SK16	B	S	SK	2 ⁵ / ₈	4 ¹ / ₈		1 ¹ / ₄	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹⁵ / ₆₄	3 ⁷ / ₈	3.2
17	5.949	5.442	4.794	H80SK17	B	S	SK	2 ⁵ / ₈	4 ³ / ₈		1 ¹ / ₄	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹⁵ / ₆₄	3 ⁷ / ₈	3.9
18	6.271	5.759	5.134	H80SK18	B	S	SK	2 ⁵ / ₈	4 ³ / ₈		1 ¹ / ₄	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹⁵ / ₆₄	3 ⁷ / ₈	4.4
19	6.593	6.076	5.430	H80SK19	B	S	SK	2 ⁵ / ₈	4 ³ / ₈		1 ¹ / ₄	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹⁵ / ₆₄	3 ⁷ / ₈	4.7
20	6.914	6.392	5.767	H80SF20	B	S	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	5.6
21	7.235	6.710	6.066	H80SF21	B	S	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	6.1
22	7.555	7.027	6.402	H80SF22	B	S	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	6.6
23	7.876	7.344	6.702	H80SF23	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	7.3
24	8.196	7.661	7.036	H80SF24	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	7.8
25	8.526	7.979	7.338	H80SF25	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	8.4
26	8.836	8.296	7.671	H80SF26	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	8.8
27	9.156	8.614	7.974	H80SF27	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	9.9
28	9.475	8.931	8.306	H80SF28	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	10.3
30	10.114	9.567	8.942	H80SF30	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	11.6
32	10.753	10.202	9.577	80SF32	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	13.3
33	11.073	10.520	9.833	80SF33	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	13.5
34	11.392	10.838	10.213	80SF34	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	15.0
35	11.711	11.156	10.520	80SF35	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	15.7
36	12.030	11.474	10.849	80SF36	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	16.7
40	13.306	12.746	12.121	80SF40	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	20.7
42	13.944	13.382	12.757	80SF42	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	22.6
45	14.901	14.336	13.702	80SF45	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	25.0
48	15.857	15.290	14.665	80SF48	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	29.3
54	17.769	17.198	16.573	80SF54	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	36.6
60	19.681	19.107	18.482	80SF60	B	E	SF	2 ¹⁵ / ₁₆	5		1 ¹ / ₄	2 ¹ / ₈	2 ¹ / ₈	1 ²³ / ₆₄	4 ⁵ / ₈	45.7
70	22.867	22.289	21.664	80E70	C	E	E	3 ¹ / ₂	6 ¹ / ₄		1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ⁸ / ₁₆	6	61.9
72	23.504	22.926	22.301	80E72	C	E	E	3 ¹ / ₂	6 ¹ / ₄		1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ⁸ / ₁₆	6	63.0
80	26.052	25.471	24.846	80E80	C	E	E	3 ¹ / ₂	6 ¹ / ₄		1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ⁸ / ₁₆	6	80.0
84	27.326	26.744	26.119	80E84	C	E	E	3 ¹ / ₂	6 ¹ / ₄		1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ⁸ / ₁₆	6	91.0
96	31.147	30.563	29.938	80E96	C	E	E	3 ¹ / ₂	6 ¹ / ₄		1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	7 ⁸ / ₁₆	6	116.0
112	36.241	35.655	35.030	80F112	C	E	F	3 ¹⁵ / ₁₆	7		2 ¹ / ₂	3 ⁵ / ₈	4	1	6 ⁵ / ₈	170.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
SH	1/2 - 1 5/8	1 7/16 - 1 15/16	1 11/16	0.7
SDS	1/2 - 2	1 11/16 - 1 15/16	2	1.0
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	2.1
SF	1/2 - 2 15/16	2 5/16 - 2 15/16	2 13/16 - 2 15/16	3.1
E	7/8 - 3 1/2	2 15/16 - 3 1/2	-	7.1
F	1 - 4	3 5/16 - 3 15/16	4	8.7

Refer to page E-138 for bushing specifications.

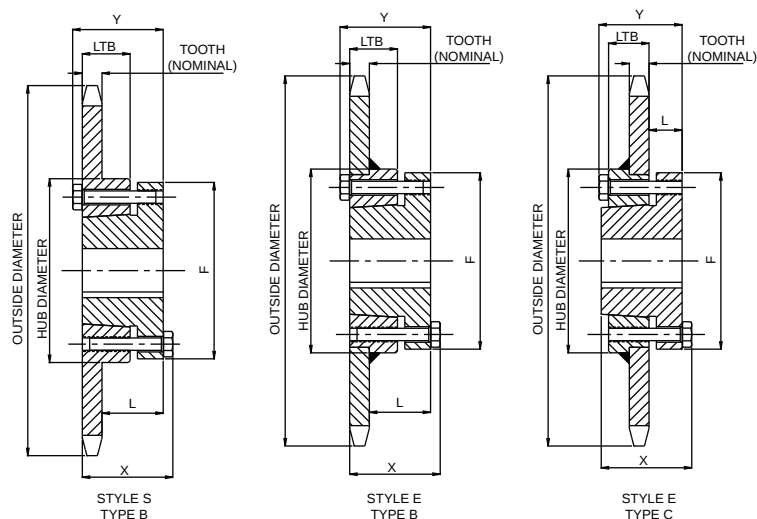
Dimensional Data	
Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





No.80 Single Split Taper

1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
10	3.678	3.236	2.611	H80H10	H1	3	1 1/2	1 1/4	2 3/32	1 21/64	0.575	21/32	2 1/2	1.2
11	4.006	3.550	2.888	H80H11	H1	3	1 1/2	1 1/4	1 1/2	3/4	0.575	1/16	2 1/2	1.3
11	4.006	3.550	2.888	H80P11	P1	4	1 1/2	1 15/16	2 11/32	1 17/32	0.575	5/32	3	1.6
12	4.332	3.864	3.239	H80P12	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	2.0
13	4.657	4.179	3.523	H80P13	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	2.4
14	4.981	4.494	3.869	H80P14	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	2.6
14	4.981	4.494	3.869	H80Q14	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	3 7/8	2.9
15	5.305	4.810	4.158	H80P15	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	3.0
15	5.305	4.810	4.158	H80Q15	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	3 7/8	3.4
16	5.627	5.126	4.501	H80P16	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	3.5
16	5.627	5.126	4.501	H80Q16	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	3 7/8	4.6
17	5.950	5.442	4.794	H80P17	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	3.8
17	5.950	5.442	4.794	H80Q17	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	3 7/8	5.3
18	6.271	5.759	5.134	H80P18	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	4.4
18	6.271	5.759	5.134	H80Q18	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	6.0
19	6.593	6.076	5.430	H80P19	P1	4	1 5/16	1 15/16	2 3/16	1 3/8	0.575	-	3	4.9
19	6.593	6.076	5.430	H80Q19	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	6.5
20	6.914	6.392	5.767	H80Q20	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	7.0
21	7.235	6.710	6.066	H80Q21	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	7.3
22	7.555	7.027	6.402	H80Q22	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	8.2
23	7.876	7.344	6.702	H80Q23	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	8.8
24	8.196	7.661	7.036	H80Q24	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	9.1
25	8.516	7.979	7.338	H80Q25	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	9.6
26	8.836	8.296	7.671	H80Q26	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	10.6
27	9.156	8.614	7.974	H80Q27	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	10.9
28	9.475	8.931	8.306	H80Q28	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	12.4
29	9.795	9.249	8.611	H80Q29	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	12.6
30	10.114	9.567	8.942	H80Q30	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	13.4
31	10.434	9.884	9.247	80Q31	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	13.9
32	10.753	10.202	9.577	80Q32	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	14.8
33	11.072	10.520	9.883	80Q33	Q1	4	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	15.5

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

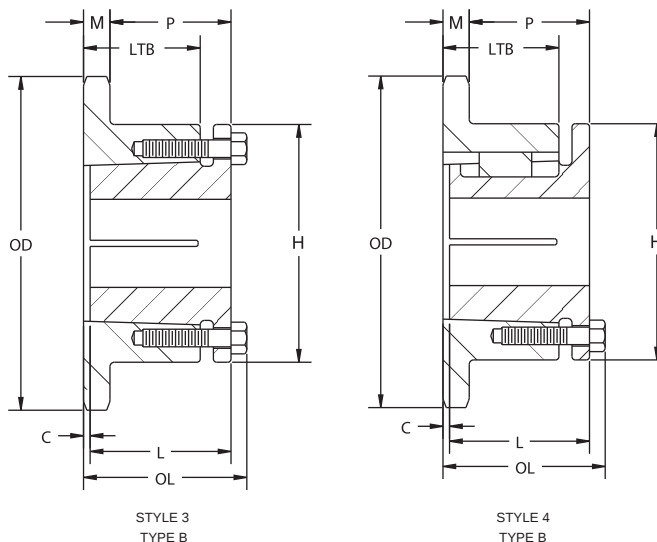
Single Strand Chain	80
Size	80
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nom. Tooth Width	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 3
TYPE B

STYLE 4
TYPE B

No.80 Single Split Taper

1" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	LTB				C	H	Weight (lbs.)
								Bushing (L)	OL	P	M			
34	11.392	10.838	10.213	80Q34	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	16.3
35	11.711	11.156	10.520	80Q35	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	17.8
36	12.030	11.474	10.849	80Q36	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	18.1
36	12.030	11.474	10.849	80R36	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	19.5
37	12.349	11.792	11.156	80Q37	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	18.5
38	12.668	12.110	11.485	80Q38	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	20.0
39	12.987	12.428	11.792	80R39	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	22.8
40	13.306	12.746	12.121	80Q40	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	21.9
40	13.306	12.746	12.121	80R40	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	23.4
41	13.625	13.064	12.429	80R41	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	23.9
42	13.944	13.382	12.757	80Q42	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	23.8
42	13.944	13.382	12.757	80R42	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	25.4
44	14.582	14.018	13.393	80R44	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	27.2
45	14.901	14.336	13.702	80Q45	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	27.8
45	14.901	14.336	13.702	80R45	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	28.5
47	15.538	14.972	14.338	80R47	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	31.0
48	15.857	15.290	14.665	80Q48	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	30.8
48	15.857	15.290	14.665	80R48	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	32.3
50	16.495	15.926	15.301	80R50	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	35.1
54	17.769	17.198	16.573	80Q54	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	38.5
54	17.769	17.198	16.573	80R54	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	40.8
56	18.407	17.835	17.210	80R56	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	44.0
60	19.681	19.107	18.482	80Q60	4	Q1	1 3/4	2 1/2	2 25/32	1 15/16	0.575	-	4 1/2	46.8
60	19.681	19.107	18.482	80R60	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	47.3
70	22.867	22.289	21.664	80Q70	4	Q1	1 3/4	2 1/2	2 25/32	2 5/16	0.575	-	4 1/2	60.0
70	22.867	22.289	21.664	80R70	4	R1	2	2 7/8	3 5/32	2 5/16	0.575	-	5 3/4	63.5
72	23.504	22.926	22.301	80Q72	4	Q1	1 3/4	2 1/2	2 25/32	2 5/16	0.575	-	4 1/2	67.5
72	23.504	22.926	22.301	80R72	5	R1	2	2 7/8	3 5/32	7/8	0.575	1 7/16	5 3/4	69.4
80	26.052	25.471	24.846	80R80	5	R1	2	2 7/8	3 5/32	7/8	0.575	1 7/16	5 3/4	85.0
84	27.326	26.744	26.119	80R84	5	R1	2	2 7/8	3 5/32	7/8	0.575	1 7/16	5 3/4	90.0
96	31.147	30.563	29.938	80R96	5	R1	2	2 7/8	3 5/32	7/8	0.575	1 7/16	5 3/4	110.0
112	36.241	35.655	35.030	80S112	5	S1	3 5/16	4 3/8	4 3/4	1 1/8	0.575	2 3/4	6 3/4	165.0

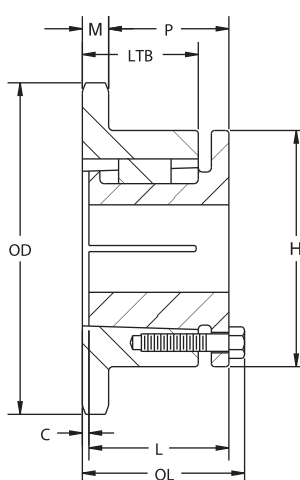
Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

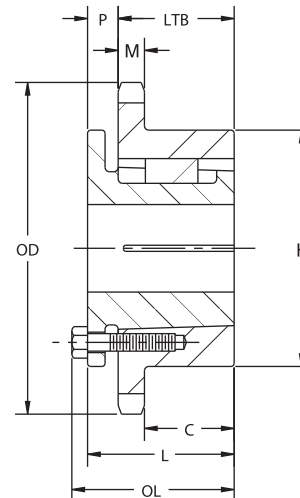
Single Strand Chain **80**
Size 80
Pitch 1.000"
Chain Inside Width 0.625"
Roller Diameter 0.625"
Nom. Tooth Width 0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



STYLE 4
TYPE B



STYLE 5
TYPE B



No.80 Double Split Taper

1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
1" Pitch															
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)
13	4.657	4.179	3.523	HD80P13	A	13	P1	1.71	1 15/16	2 19/32	5/8	1.710	13/32	-	3.6
14	4.981	4.494	3.869	HD80Q14	C	16	Q2	2 3/4	3 1/2	4 5/8	1 3/4	1.710	27/32	4 1/2	5.4
15	5.305	4.810	4.158	HD80Q15	B	12	Q2	2 3/4	3 1/2	3 25/32	1 3/4	1.710	-	3 7/8	5.4
16	5.627	5.126	4.501	HD80Q16	A	13	Q1	1 3/4	2 1/2	2 25/32	3/4	1.710	-	-	4.8
17	5.950	5.442	4.794	HD80Q17	A	13	Q1	1 3/4	2 1/2	2 25/32	3/4	1.710	-	-	6.0
18	6.271	5.759	5.134	HD80Q18	A	13	Q1	1 3/4	2 1/2	2 25/32	3/4	1.710	-	-	7.3
19	6.593	6.076	5.430	HD80Q19	A	13	Q1	1 3/4	2 1/2	2 25/32	3/4	1.710	-	-	8.5
20	6.914	6.392	5.767	HD80R20	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 1/4	7.8
21	7.235	6.710	6.066	HD80R21	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 1/4	9.4
22	7.555	7.027	6.402	HD80R22	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	10.8
23	7.876	7.344	6.702	HD80R23	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	12.3
24	8.196	7.661	7.036	HD80R24	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	14.1
25	8.516	7.979	7.338	HD80R25	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	15.8
26	8.836	8.296	7.671	HD80R26	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	18.1
27	9.156	8.614	7.974	HD80R27	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	20.4
28	9.475	8.931	8.306	HD80R28	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	22.7
30	10.114	9.567	8.942	HD80R30	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	26.8
36	12.030	11.471	10.849	D80R36	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	41.6
42	13.944	13.382	12.757	D80R42	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	58.0
45	14.901	14.366	13.702	D80R45	B	12	R1	2	2 7/8	3 5/32	1 5/32	1.710	-	5 3/4	68.0
48	15.857	15.290	14.665	D80R48	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	86.0
52	17.132	16.562	15.937	D80R52	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	103.0
54	17.769	17.198	16.573	D80R54	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	111.0
60	19.681	19.107	18.482	D80R60	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	135.0
68	22.230	21.653	21.028	D80R68	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	176.0
72	23.504	22.926	22.301	D80R72	B	15	R2	4	4 7/8	5 5/32	7/8	1.710	2 9/32	5 3/4	198.0
76	24.778	24.198	23.573	D80U76	B	15	U0	3 3/4	5 1/4	5 23/32	1 1/2	1.710	2 1/32	8 1/2	219.0
95	30.828	30.245	29.616	D80U95	B	15	U0	3 3/4	5 1/4	5 23/32	1 1/2	1.710	2 1/32	8 1/2	342.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

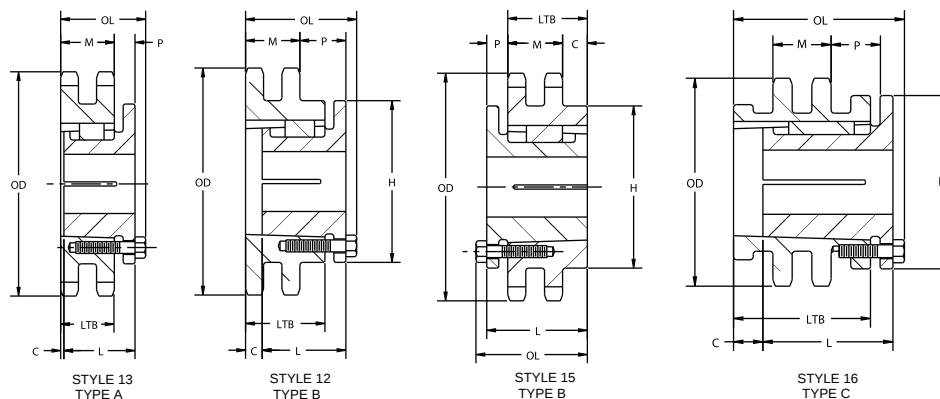
Double Strand Chain	80
Size	80-2
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.557"
Plate Thickness	1.710"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



No.80 Triple Split Taper

1" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A, B and C											
1" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
13	4.657	4.179	3.523	HT80P13	A	24	P2	2.863	2 15/16	3 3/4	5/8	2.863	9/16	-	5.7
14	4.981	4.494	3.869	HT80Q14	C	27	Q2	2.863	3 1/2	5 25/32	1 3/4	2.863	2	4	7.5
15	5.305	4.810	4.158	HT80Q15	B	22	Q2	2.863	3 1/2	4 29/32	1 3/4	2.863	1 1/8	4	8.1
16	5.627	5.126	4.501	HT80Q16	B	25	Q2	2.863	3 1/2	3 7/8	3/4	2.863	3/32	4	9.3
17	5.950	5.442	4.794	HT80Q17	A	24	Q2	2.863	3 1/2	3 29/32	3/4	2.863	1/8	-	9.8
18	6.271	5.759	5.134	HT80Q18	A	24	Q2	2.863	3 1/2	3 29/32	3/4	2.863	1/8	-	12.0
19	6.593	6.076	5.430	HT80Q19	A	24	Q2	2.863	3 1/2	3 29/32	3/4	2.863	1/8	-	13.9
20	6.914	6.392	5.767	HT80R20	A	24	R1	2.863	2 7/8	4 1/32	7/8	2.863	7/8	-	10.2
21	7.235	6.710	6.066	HT80R21	A	24	R1	2.863	2 7/8	4 1/32	7/8	2.863	7/8	-	12.4
22	7.555	7.027	6.402	HT80R22	A	24	R1	2.863	2 7/8	4 1/32	7/8	2.863	7/8	-	14.6
23	7.876	7.344	6.702	HT80R23	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	15.9
24	8.196	7.661	7.036	HT80R24	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	18.5
25	8.516	7.979	7.338	HT80R25	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	20.3
26	8.836	8.296	7.671	HT80R26	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	23.4
27	9.156	8.614	7.974	HT80R27	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	25.8
28	9.475	8.931	8.306	HT80R28	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	28.1
30	10.114	9.567	8.942	HT80R30	A	25	R1	2.863	2 7/8	3 5/32	7/8	2.863	-	-	33.3
36	12.030	11.471	10.849	T80S36	B	22	S1	3 15/16	4 3/8	5 1/8	1 1/2	2.863	-	6 3/4	67.0
42	13.944	13.382	12.757	T80S42	B	22	S1	3 15/16	4 3/8	5 1/8	1 1/2	2.863	-	6 3/4	96.1
45	14.901	14.366	13.702	T80S45	B	22	S1	3 15/16	4 3/8	5 1/8	1 1/2	2.863	-	6 3/4	112.0
52	17.132	16.562	15.937	T80U52	B	22	U0	3 3/4	5 1/4	5 23/32	1 25/32	2.863	-	8 1/2	150.0
60	19.681	19.107	18.482	T80U60	B	22	U0	3 3/4	5 1/4	5 23/32	1 25/32	2.863	-	8 1/2	207.0
68	22.230	21.653	21.028	T80U68	B	22	U0	3 3/4	5 1/4	5 23/32	1 25/32	2.863	-	8 1/2	271.0
76	24.778	24.198	23.573	T80U76	B	22	U0	3 3/4	5 1/4	5 23/32	1 25/32	2.863	-	8 1/2	344.0
95	30.828	30.245	29.616	T80U95	B	25	U0	3 7/8	5 1/4	5 55/64	1 13/32	2.863	1/32	29	410.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

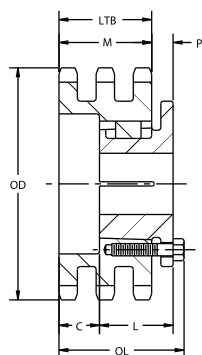
Triple Strand Chain	80
Size	80-3
Pitch	1.000"
Chain Inside Width	0.625"
Roller Diameter	0.625"
Nominal Tooth Width	0.557"
Plate Thickness	2.863"



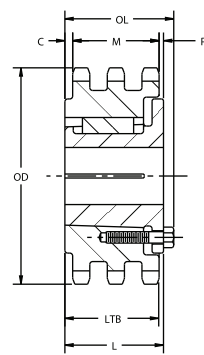
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



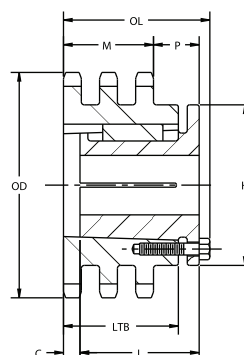
Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



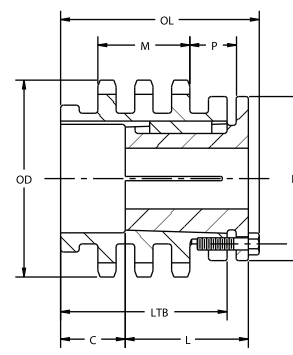
STYLE 24
TYPE A



STYLE 25
TYPE A



STYLE 22
TYPE B



STYLE 27
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B,C							
1 1/4" Pitch				Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter											
8	3.770	3.266	2.516	H100A8	1	1.2	H100B8	B	S	1	1 1/4	2 7/16 ▲	1 7/8	2.2
9	4.185	3.655	2.849	H100A9	1	1.6	H100B9	B	S	1	1 5/8	2 13/16 ▲	1 7/8	3.0
10	4.598	4.045	3.295	H100A10	1	1.9	H100B10	B	S	1	1 7/8	3 1/4 ▲	1 7/8	4.1
11	5.008	4.438	3.642	H100A11	1	2.6	H100B11	B	S	1	2 1/4	3 9/16 ▲	1 7/8	5.1
12	5.415	4.830	4.080	H100A12	1	2.9	H100B12	B	S	1	2 1/4	4 ▲	1 7/8	6.4
13	5.821	5.224	4.435	H100A13	1	3.5	H100B13	B	S	1	2 3/8	3 7/8	1 5/8	6.4
14	6.226	5.618	4.868	H100A14	1 1/4	4.0	H100B14	B	S	1 1/4	2 3/4	4 3/16	1 5/8	7.5
15	6.630	6.013	5.229	H100A15	1 1/4	4.7	H100B15	B	D	1 1/4	3	4 1/2	1 3/4	9.0
16	7.034	6.408	5.658	H100A16	1 1/4	5.3	H100B16	B	D	1 1/4	3	4 1/2	1 3/4	9.8
17	7.436	6.803	6.024	H100A17	1 1/4	6.1	H100B17	B	D	1 1/4	3	4 1/2	1 3/4	10.5
18	7.839	7.199	6.449	H100A18	1 1/4	7.2	H100B18	B	D	1 1/4	3	4 1/2	1 3/4	11.4
19	8.241	7.595	6.819	H100A19	1 1/4	7.8	H100B19	B	D	1 1/4	3	4 1/2	2	13.4
20	8.643	7.990	7.240	H100A20	1 1/4	8.6	H100B20	B	D	1 1/4	3	4 1/2	2	14.2
21	9.044	8.388	7.613	H100A21	1 1/4	9.4	H100B21	B	D	1 1/4	3	4 1/2	2	15.1
22	9.444	8.784	8.034	H100A22	1 1/4	10.4	H100B22	B	D	1 1/4	3	4 1/2	2	15.9
23	9.845	9.180	8.409	H100A23	1 1/4	11.7	H100B23	B	D	1 1/4	3	4 1/2	2	17.3
24	10.245	9.576	8.826	H100A24	1 1/4	12.5	H100B24	B	D	1 1/4	3	4 1/2	2	18.0
25	10.645	9.974	9.204	H100A25	1 1/4	13.4	H100B25	B	D	1 1/4	3	4 1/2	2	18.9
26	11.045	10.370	9.620	H100A26	1 3/8	14.7	H100B26	B	D	1 3/8	3 5/16	5	2	21.5
27	11.445	10.768	9.999	H100A27	1 3/8	15.8	H100B27	B	D	1 3/8	3 5/16	5	2	23.0
28	11.844	11.164	10.414	H100A28	1 3/8	17.2	H100B28	B	D	1 3/8	3 5/16	5	2	24.4
30	12.643	11.959	11.209	H100A30	1 3/8	20.3	H100B30	B	D	1 3/8	3 5/16	5	2	26.3
32	13.441	12.753	12.003	100A32	1 3/8	22.6	100B32	B	D	1 3/8	3 5/16	5	2	29.8
35	14.639	13.945	13.181	100A35	1 3/8	27.4	100B35	B	D	1 3/8	3 5/16	5	2 1/2	37.5
36	15.038	14.343	13.593	100A36	1 3/8	28.3	100B36	B	D	1 3/8	3 5/16	5	2 1/2	38.7
40	16.633	15.933	15.183	100A40	1 3/8	36.2	100B40	B	D	1 3/8	3 5/16	5	2 1/2	45.1
42	17.430	16.728	15.978	100A42	1 3/8	40.0	100B42	B	D	1 3/8	3 5/16	5	2 1/2	47.8
45	18.626	17.920	17.159	100A45	1 3/8	45.5	100B45	B	D	1 3/8	3 5/16	5	2 1/2	56.2
48	19.821	19.113	18.363	100A48	1 3/8	52.0	100B48	B	D	1 3/8	4 1/8	6 1/4	2 3/4	67.0
54	22.211	21.498	20.748	100A54	1 3/8	67.0	100C54	C	D	1 3/8	4 1/8	6 1/4	3 1/4	90.0
60	24.601	23.884	23.134	100A60	1 3/8	81.0	100C60	C	D	1 3/8	4 1/8	6 1/4	3 3/4	107.0
70	28.584	27.861	27.111	100A70	1 3/8	108.0	100C70	C	D	1 3/8	5 1/4	7	3 3/4	138.0
72	29.380	28.657	27.908	100A72	1 3/8	120.0	100C72	C	D	1 3/8	5 1/4	7	3 3/4	151.0
80	32.565	31.839	31.089	100A80	1 3/8	149.0	100C80	C	D	1 3/8	5 1/4	7	3 3/4	180.0
84	34.158	33.430	32.680	100A84	1 3/8	165.0	100C84	C	D	1 3/8	5 1/4	7	3 3/4	195.0
90	36.545	35.817	35.068	100A90	1 3/8	191.0	100C90	C	D	1 3/8	5 1/4	7	3 3/4	225.0
96	38.934	38.204	37.454	100A96	1 3/8	212.0	100C96	C	D	1 3/8	5 1/4	7	4 1/2	260.0

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

▲ There is a recessed groove in the hub to allow for chain clearance.

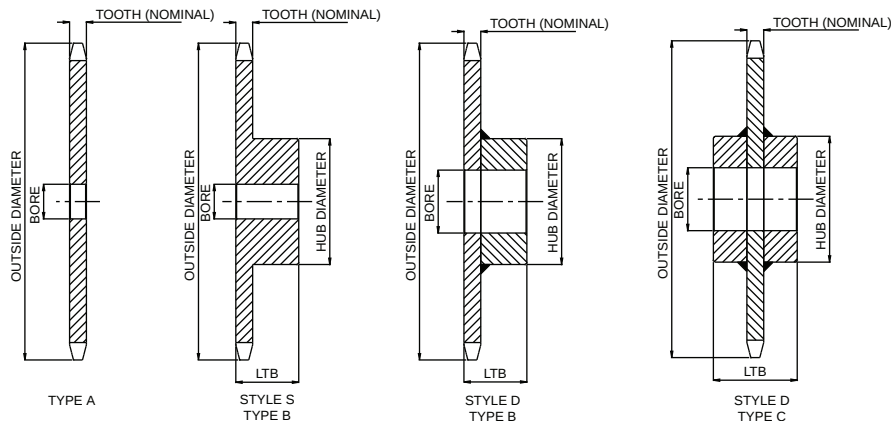
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain **100**
 Size 100
 Pitch 1.250"
 Chain Inside Width 0.750"
 Roller Diameter 0.750"
 Nominal Tooth Width 0.692"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.100 Finished Bore

1 1/4" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters												
No. of Teeth	Catalogue Number	Style	1¼" Pitch									
			Outside Diameter	Pitch Diameter	Caliper Diameter	Stock finished bores (including keyway and 2 set screws)						
8	H100B8F	S	3.770	3.266	2.516	1	1⅜	1¼				
9	H100B9F	S	4.185	3.655	2.849	1	1⅜	1¼	1⅞			
10	H100B10F	S	4.598	4.045	3.295	1	1⅜	1¼	1⅞			
11	H100B11F	S	5.008	4.438	3.642	1	1⅜	1¼	1⅞	1⅝	2	2⅜
12	H100B12F	S	5.415	4.830	4.080	1	1⅜	1¼	1⅞	1⅝	2	2⅜
13	H100B13F	S	5.821	5.224	4.435	1	1⅜	1¼	1⅞	1⅝	2	2⅜
14	H100B14F	S	6.226	5.618	4.868			1¼	1⅞	1⅝	2	2⅜
15	H100B15F	E	6.630	6.013	5.229			1¼	1⅞	1⅝	2	2⅜
16	H100B16F	E	7.034	6.408	5.658			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
17	H100B17F	E	7.436	6.803	6.024			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
18	H100B18F	E	7.839	7.199	6.449			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
19	H100B19F	E	8.241	7.595	6.819			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
20	H100B20F	E	8.643	7.990	7.240			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
21	H100B21F	E	9.044	8.388	7.613			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
22	H100B22F	E	9.444	8.388	7.613			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
23	H100B23F	E	9.845	9.180	8.409			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
24	H100B24F	E	10.245	9.576	8.826			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝
25	H100B25F	E	10.645	9.974	9.204			1¼	1⅞	1⅝	2	2⅜ 2⅞ 2⅝

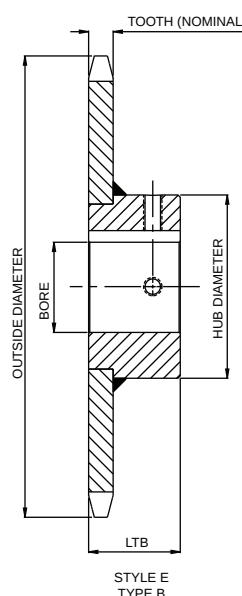
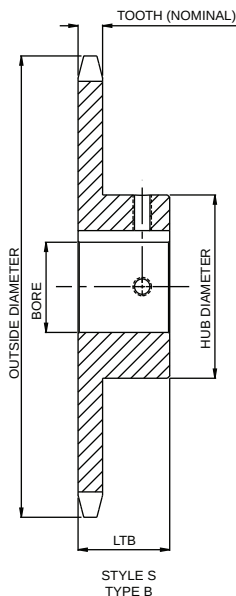
Hub diameters may vary to suit bore sizes. All finished bore sprockets are manufactured with keyway centerline of tooth.

Dimensional Data

Single Strand Chain	100
Size	100
Pitch	1.250"
Chain Inside Width	0.750"
Roller Diameter	0.750"
Nominal Tooth Width	0.692"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

Sprocket Diameters 1 1/4" Pitch					100-2 Double Strand (Type B and C)							100-3 Triple Strand (Type B and C)						
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB	Weight (lbs.)
9	4.185	3.655	2.849	1	HD100B9	B	S	1 1/2	2 5/16	2 7/8	4.4							
10	4.598	4.045	3.295	1	HD100B10	B	S	1 3/4	2 11/16	2 7/8	6.0							
11	5.008	4.438	3.642	1	HD100B11	B	S	2 1/8	3 3/8	2 7/8	7.8	HT100B11	B	S	2 1/8	3 3/8	4 1/4	11.5
12	5.415	4.830	4.080	1 1/8	HD100B12	B	S	2 1/4	3 3/8	2 7/8	9.3	HT100B12	B	S	2 1/4	3 3/8	4 1/4	13.6
13	5.821	5.224	4.435	1 1/8	HD100B13	B	S	2 1/2	3 3/4	2 7/8	11.3	HT100B13	B	S	2 1/2	3 3/4	4 1/4	16.7
14	6.226	5.618	4.868	1 1/8	HD100B14	B	S	2 3/4	4 3/16	2 7/8	13.6	HT100B14	B	S	2 3/4	4 3/16	4 1/4	20.2
15	6.630	6.013	5.229	1 1/4	HD100B15	B	S	3 1/8	4 9/16	3 1/8	16.8	HT100B15	B	S	3 1/8	4 9/16	4 1/2	27.5
16	7.034	6.408	5.658	1 1/4	HD100B16	B	S	3 5/16	5	3 1/8	19.7	HT100B16	B	S	3 5/16	5	4 1/2	32.0
17	7.436	6.803	6.024	1 1/4	HD100B17	B	S	3 1/2	5 1/4	3 1/8	22.5	HT100B17	B	S	3 1/2	5 1/4	4 1/2	36.3
18	7.839	7.199	6.449	1 1/4	HD100B18	B	S	3 1/2	5 1/4	3 1/8	24.8	HT100B18	B	S	3 1/2	5 1/4	4 3/4	41.8
19	8.241	7.595	6.819	1 1/4	HD100B19	B	S	3 3/4	5 1/2	3 1/8	29.4	HT100B19	B	D	3 3/4	5 1/2	4 3/4	46.5
20	8.643	7.990	7.240	1 1/4	HD100B20	B	S	3 3/4	5 1/2	3 3/8	32.0	HT100B20	B	D	3 3/4	5 1/2	4 3/4	51.0
21	9.044	8.388	7.613	1 1/4	HD100B21	B	S	3 3/4	5 1/2	3 3/8	34.8	HT100B21	B	D	3 3/4	5 1/2	4 3/4	55.8
22	9.444	8.784	8.034	1 1/4	HD100B22	B	D	3 3/4	5 1/2	3 3/8	37.2	HT100B22	B	D	3 3/4	5 1/2	4 3/4	60.8
23	9.845	9.180	8.409	1 1/4	HD100B23	B	D	3 3/4	5 1/2	3 3/8	40.3	HT100B23	B	D	3 3/4	5 1/2	4 3/4	66.0
24	10.245	9.576	8.826	1 1/4	HD100B24	B	D	3 3/4	5 1/2	3 3/8	43.4	HT100B24	B	D	3 3/4	5 1/2	4 3/4	71.6
25	10.645	9.974	9.204	1 1/4	HD100B25	B	D	3 3/4	5 1/2	3 3/8	46.7	HT100B25	B	D	3 3/4	5 1/2	4 3/4	77.3
26	11.045	10.370	9.620	1 1/4	HD100B26	B	D	3 3/4	5 1/2	3 3/8	50.2	HT100B26	B	D	3 3/4	5 1/2	4 3/4	83.2
30	12.643	11.959	11.209	1 1/4	HD100B30	B	D	3 3/4	5 1/2	3 3/8	65.4	HT100B30	B	D	3 3/4	5 1/2	4 3/4	109.7
35	14.639	13.945	13.181	1 5/8	D100C35	C	W	4	6	4 1/2	88.0	T100C35	C	W	4	6	5	122.7
36	15.038	14.343	13.593	1 5/8	D100C36	C	W	4	6	4 1/2	90.8	T100C36	C	W	4	6	5	137.4
45	18.626	17.920	17.159	1 5/8	D100C45	C	W	4	6	4 1/2	117.7	T100C45	C	W	4	6	5	180.1
60	24.601	23.884	23.134	2	D100C60	C	W	5	7 1/2	5	193.1	T100C60	C	W	5	7 1/2	5	279.7
70	28.584	27.861	27.111	2	D100C70	C	W	5	7 1/2	5	235.0	T100C70	C	W	5	7 1/2	5	343.1
80	32.565	31.839	31.089	2	D100C80	C	W	5	7 1/2	5	281.8	T100C80	C	W	5	7 1/2	5	413.0

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

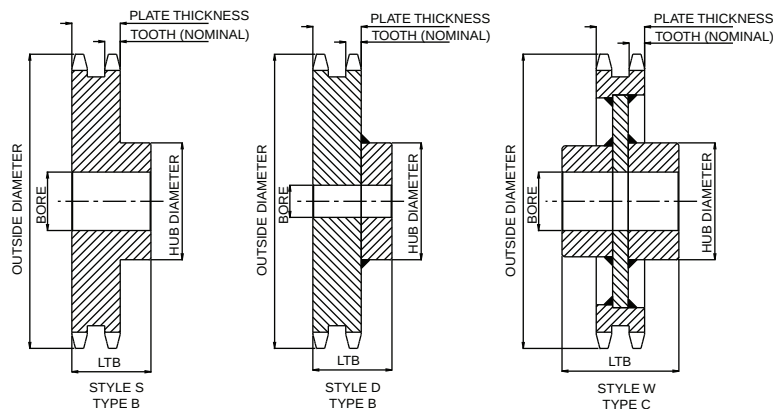
* Hub diameter may vary to suit bore size.

Dimensional Data

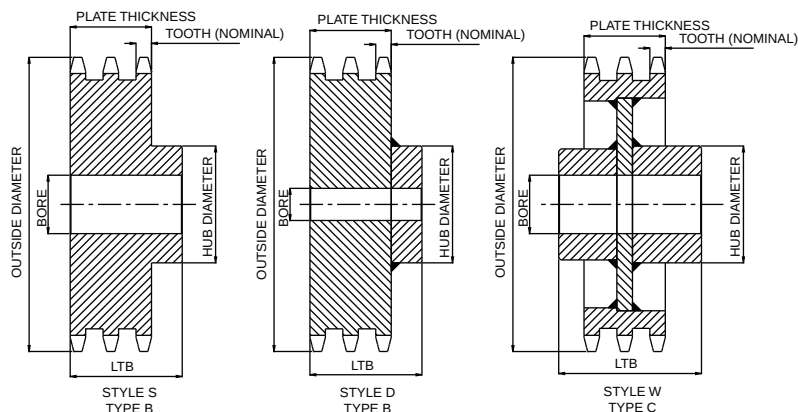
Double Strand Chain **100**
Size 100-2
Pitch 1.250"
Chain Inside Width 0.750"
Roller Diameter 0.750"
Nominal Tooth Width 0.669"
Plate Thickness 2.077"

Triple Strand Chain **100**
Size 100-3
Pitch 1.250"
Chain Inside Width 0.750"
Roller Diameter 0.750"
Nominal Tooth Width 0.669"
Plate Thickness 3.485"

Double Strand



Triple Strand



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Stock Bore

All dimensions in inches unless otherwise stated.

No. of Teeth	Outside Diameter	Catalogue Number	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
13	5.82	HDS100A13	1	2 1/2	2 11/16	2	3 25/32	11.2
14	6.23	HDS100A14	1 1/4	2 3/4	2 11/16	2	4 3/16	13.5
15	6.63	HDS100A15	1 1/4	3 1/16	2 11/16	2	4 19/32	16.8
16	7.03	HDS100A16	1 1/4	3 1/4	2 11/16	2	4 1/2	19.3
17	7.44	HDS100A17	1 1/4	3 5/8	2 11/16	2	4 29/32	21.5
18	7.84	HDS100A18	1 1/4	3 3/4	2 11/16	2	5 9/32	23.0
19	8.24	HDS100A19	1 1/4	4 3/16	2 11/16	2	6 13/64	25.0
20	8.64	HDS100A20	1 1/4	4 13/16	2 11/16	2	6 39/64	26.5
21	9.04	HDS100A21	1 1/4	5 1/4	2 11/16	2	7	29.0

"Taper-Lock" Style

All dimensions in inches unless otherwise stated.

No. of Teeth	Outside Diameter	Catalogue Number	Bushing	Stock Bore	Maximum Bore	LTB	C	D	Weight (lbs.)
16	7.03	HDS100ATL16	2517	3/4	2 1/2	2 11/16	2	5	13.0
17	7.44	HDS100ATL17	3020	15/16	3	2 11/16	2	5 15/32	14.0
18	7.84	HDS100ATL18	3020	15/16	3	2 11/16	2	5 51/64	16.0
19	8.24	HDS100ATL19	3020	15/16	3	2 11/16	2	6 13/64	20.0
20	8.64	HDS100ATL20	3020	15/16	3	2 11/16	2	6 29/32	24.0
21	9.04	HDS100ATL21	3020	15/16	3	2 11/16	2	7	27.5

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
2517	1/2 - 2 1/2	3.20
3020	15/16 - 3	5.80

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

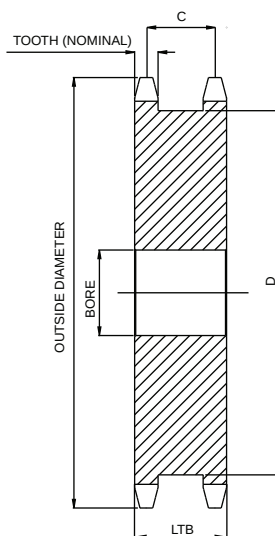
Single Strand Chain	100
Size	100
Pitch	1.250"
Chain Inside Width	0.750"
Roller Diameter	0.750"
Nominal Tooth Width	0.692"



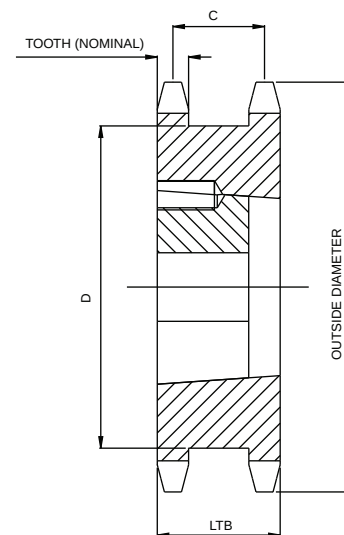
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STOCK BORE
DOUBLE SINGLE



TAPER-LOCK
DOUBLE SINGLE



No.100 Single "Taper-Lock" Style

1 1/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B						
1 1/4" Pitch				Catalogue Number	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter							
11	5.007	4.438	3.642	H100BTL11	S	1615	1 5/8	3	1 1/2	2.7
12	5.415	4.830	4.080	H100BTL12	S	1615	1 5/8	3 1/4	1 1/2	3.5
13	5.821	5.224	4.435	H100BTL13	S	2012	2	3 9/16	1 1/4	3.6
14	6.227	5.618	4.868	H100BTL14	S	2012	2	3 9/16	1 1/4	3.9
15	6.631	6.013	5.229	H100BTL15	S	2517	2 1/2	4 1/4	1 3/4	5.0
16	7.034	6.408	5.658	H100BTL16	E	2517	2 1/2	4 1/2	1 3/4	6.4
17	7.437	6.803	6.024	H100BTL17	E	2517	2 1/2	4 1/2	1 3/4	7.1
18	7.839	7.199	6.449	H100BTL18	E	2517	2 1/2	4 1/2	1 3/4	7.8
19	8.241	7.595	6.819	H100BTL19	E	2517	2 1/2	4 1/2	1 3/4	8.7
20	8.642	7.990	7.240	H100BTL20	E	2517	2 1/2	4 1/2	1 3/4	9.6
21	9.043	8.388	7.613	H100BTL21	E	2517	2 1/2	4 1/2	1 3/4	10.6
22	9.444	8.784	8.034	H100BTL22	E	2517	2 1/2	4 1/2	1 3/4	11.0
24	10.245	9.576	8.826	H100BTL24	E	2517	2 1/2	4 1/2	1 3/4	13.0
26	11.045	10.370	9.620	H100BTL26	E	2517	2 1/2	4 1/2	1 3/4	15.0
28	11.844	11.164	10.414	H100BTL28	E	3020	3	5 1/4	2	16.5
30	12.643	11.959	11.209	H100BTL30	E	3020	3	5 1/4	2	22.0
32	13.442	12.753	12.003	100BTL32	E	3020	3	5 1/4	2	23.0
35	14.639	13.945	13.181	100BTL35	E	3020	3	5 1/4	2	28.0
36	15.038	14.343	13.593	100BTL36	E	3020	3	5 1/4	2	31.0
40	16.633	15.933	15.183	100BTL40	E	3020	3	5 1/4	2	37.0
45	18.626	17.920	17.159	100BTL45	E	3020	3	5 1/4	2	46.0
48	19.821	19.113	18.363	100BTL48	E	3020	3	5 1/4	2	53.0
54	22.212	21.498	20.748	100BTL54	E	3020	3	5 1/4	2	62.0
60	24.601	23.884	23.134	100BTL60	E	3020	3	5 1/4	2	72.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

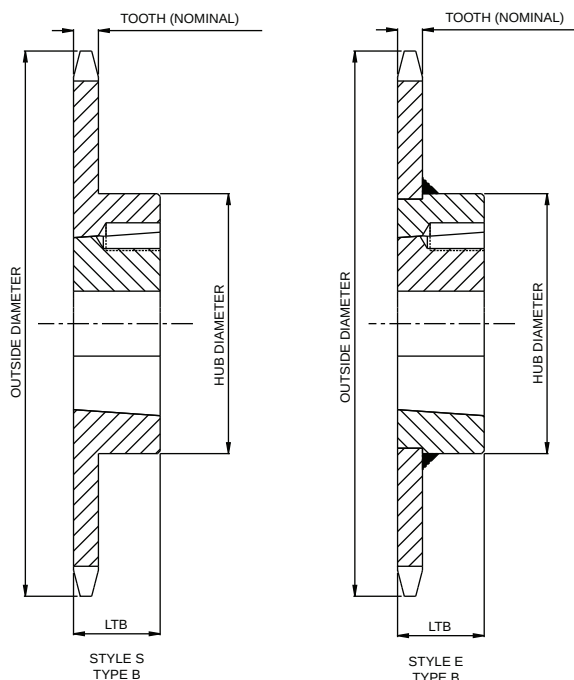
"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
1615	1/2 - 1 5/8	1.0
2012	1/2 - 2	1.4
2517	1/2 - 2 1/2	3.2
3020	1 5/16 - 3	5.8

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data	
Single Strand Chain	100
Size	100
Pitch	1.250"
Chain Inside Width	0.750"
Roller Diameter	0.750"
Nominal Tooth Width	0.692"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.100 "QD" Style

1 1/4" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B, B ₁ and C											Weight
1 1/4" Pitch																
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F (lbs.)		
11	5.008	4.438	3.642	H100SDS11	B	S	SDS	2	3 3/16	3/4	1 1/16	1 1/16	9/16	3 3/16	1.9	
12	5.415	4.830	4.080	H100SDS12	B	S	SDS	2	3 1/2	3/4	1 1/16	1 1/16	9/16	3 3/16	2.4	
13	5.821	5.224	4.435	H100SK13	B	S	SK	2 5/8	3 15/16	1 1/4	2 1/16	2 1/16	1 5/64	3 7/8	3.3	
14	6.226	5.618	4.868	H100SK14	B	S	SK	2 5/8	4 1/4	1 1/4	2 1/16	2 1/16	1 5/64	3 7/8	4.2	
15	6.630	6.013	5.229	H100SF15	B	S	SF	2 15/16	4 5/8	1 1/4	2 1/8	2 1/8	1 15/64	4 5/8	4.8	
16	7.034	6.408	5.658	H100SF16	B	S	SF	2 15/16	5	1 1/4	2 1/8	2 1/8	1 15/64	4 5/8	5.9	
17	7.436	6.803	6.024	H100SF17	B	S	SF	2 15/16	5	1 1/4	2 1/8	2 1/8	1 15/64	4 5/8	6.6	
18	7.839	7.199	6.449	H100E18	B ₁	S	E	3 1/8	5 15/16	1 5/8	2 5/8	2 15/16	1 13/16	6	8.9	
19	8.241	7.595	6.819	H100E19	B ₁	S	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	9.9	
20	8.643	7.990	7.240	H100E20	B ₁	S	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	11.4	
21	9.044	8.388	7.613	H100E21	B ₁	S	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	12.5	
22	9.444	8.784	8.034	H100E22	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	13.3	
23	9.845	9.180	8.409	H100E23	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	15.2	
24	10.245	9.576	8.826	H100E24	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	16.1	
25	10.645	9.974	9.204	H100E25	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	17.0	
26	11.045	10.370	9.620	H100E26	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	17.5	
27	11.445	10.768	9.999	H100E27	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	19.6	
28	11.844	11.164	10.414	H100E28	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	19.9	
30	12.643	11.959	11.209	H100E30	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	24.1	
32	13.441	12.753	12.003	100E32	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	26.0	
35	14.639	13.945	13.181	100E35	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	29.4	
36	15.038	14.343	13.593	100E36	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	31.7	
40	16.633	15.933	15.183	100E40	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	38.2	
42	17.430	16.728	15.978	100E42	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	41.8	
45	18.626	17.920	17.159	100E45	B ₁	E	E	3 1/8	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	48.4	
48	19.821	19.113	18.363	100E48	B ₁	E	E	3 1/2	6 1/4	1 5/8	2 5/8	2 15/16	1 13/16	6	56.0	
54	22.211	21.498	20.748	100E54	C	E	E	3 1/2	6 1/4	1 5/8	2 5/8	2 15/16	7/8	6	69.0	
60	24.601	23.884	23.134	100E60	C	E	E	3 1/2	6 1/4	1 5/8	2 5/8	2 15/16	7/8	6	86.0	
70	28.584	27.861	27.111	100F70	C	E	F	3 15/16	7	2 1/2	3 5/8	4	1	6 5/8	122.0	
72	29.380	28.657	27.908	100F72	C	E	F	3 15/16	7	2 1/2	3 5/8	4	1	6 5/8	129.0	
80	32.565	31.839	31.089	100F80	C	E	F	3 15/16	7	2 1/2	3 5/8	4	1	6 5/8	161.0	
84	34.158	33.430	32.680	100F84	C	E	F	3 15/16	7	2 1/2	3 5/8	4	1	6 5/8	171.0	

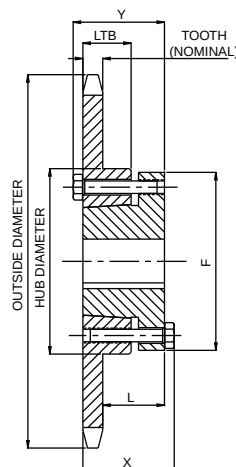
Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
SDS	1/2 - 2	1 11/16 - 1 15/16	2	0.8
SK	1/2 - 2 5/8	2 3/16 - 2 1/2	2 9/16 - 2 5/8	0.7
SF	1/2 - 2 15/16	2 5/16 - 2 15/16	2 3/16 - 2 15/16	1.0
E	7/8 - 3 1/2	2 15/16 - 3 1/2	-	2.1
F	1 - 4	3 5/16 - 3 15/16	4	3.1

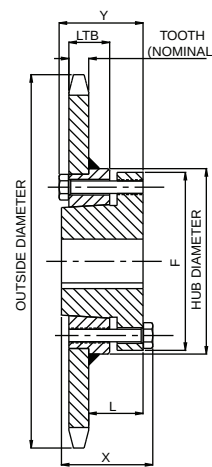
Refer to page E-138 for bushing specifications.

Dimensional Data

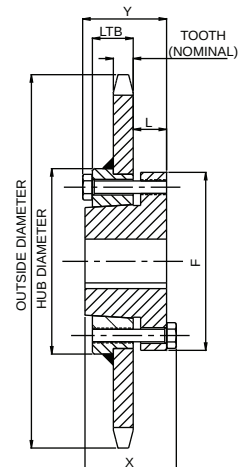
Single Strand Chain **100**
Size 100
Pitch 1.250"
Chain Inside Width 0.750"
Roller Diameter 0.750"
Nominal Tooth Width 0.692"



STYLE S
TYPE B1



STYLE E
TYPE B1



STYLE E
TYPE C



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.100 Single Split Taper

1 1/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B										
1 1/4" Pitch				LTB Bushing										
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	(L)	OL	P	M	C	H	Weight (lbs.)
11	5.007	4.438	3.642	H100P11	4	P1	1 5/16	1 3/16	2 3/16	1 1/4	0.692	-	3	2.8
12	5.415	4.830	4.080	H100Q12	4	Q1	1 3/4	2 1/2	2 27/32	1 7/8	0.692	1/16	3 7/8	3.5
13	5.821	5.224	4.435	H100Q13	4	Q1	1 3/4	2 1/2	2 27/32	1 7/8	0.692	1/16	3 7/8	4.3
14	6.227	5.618	4.868	H100Q14	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	3 7/8	5.6
15	6.631	6.013	5.229	H100Q15	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	6.6
16	7.034	6.408	5.658	H100Q16	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	7.4
17	7.437	6.803	6.024	H100Q17	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	8.2
18	7.839	7.199	6.449	H100Q18	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	9.0
19	8.241	7.595	6.819	H100Q19	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	9.8
20	8.642	7.990	7.240	H100Q20	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	10.9
21	9.043	8.388	7.613	H100Q21	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	11.8
21	9.043	8.388	7.613	H100R21	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	12.1
22	9.444	8.784	8.034	H100Q22	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	12.6
23	9.844	9.180	8.409	H100Q23	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	13.8
24	10.245	9.576	8.826	H100Q24	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	15.4
24	10.245	9.576	8.826	H100R24	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	15.6
25	10.645	9.974	9.204	H100Q25	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	16.0
25	10.645	9.974	9.204	H100R25	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	16.5
26	11.045	10.370	9.620	H100Q26	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	17.3
26	11.045	10.370	9.620	H100R26	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	17.9
27	11.444	10.768	9.999	H100Q27	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	18.0
27	11.444	10.768	9.999	H100R27	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	18.5
28	11.844	11.164	10.414	H100Q28	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	19.6
28	11.844	11.164	10.414	H100R28	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	20.1
30	12.643	11.959	11.209	H100Q30	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	22.4
30	12.643	11.959	11.209	H100R30	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	22.9
32	13.441	12.753	12.003	100Q32	4	Q1	1 3/4	2 1/2	2 25/32	1 13/16	0.692	-	4 1/2	25.3
32	13.441	12.753	12.003	100R32	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	26.5
35	14.639	13.945	13.181	100R35	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	30.2
40	16.633	15.933	15.183	100R40	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	40.9
42	17.430	16.728	15.978	100R42	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	44.3
45	18.626	17.920	17.159	100R45	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	50.5
48	19.821	19.113	18.363	100R48	4	R1	2	2 7/8	3 5/32	2 3/16	0.692	-	5 3/4	57.5
54	22.212	21.498	20.748	100R54	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	69.0
60	24.601	23.884	23.134	100R60	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	84.0
70	28.583	27.861	27.111	100R70	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	104.0
72	29.380	28.657	27.908	100R72	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	106.0
80	32.565	31.839	31.089	100R80	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	135.0
84	34.157	33.430	32.680	100R84	5	R1	2	2 7/8	3 5/32	7/8	0.692	1 5/16	5 3/4	138.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

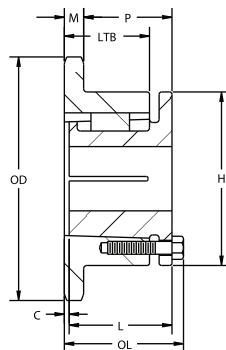
Single Strand Chain	100
Size	100
Pitch	1.250"
Chain Inside Width	0.750"
Roller Diameter	0.750"
Nominal Tooth Width	0.692"



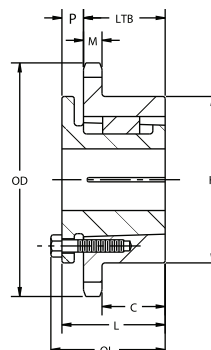
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 4
TYPE B



STYLE 5
TYPE B

No.100 Double Split Taper

1 1/4" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B and C											
1 1/4" Pitch					LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)	
11	5.007	4.438	3.642	HD100P11	A	14	P1	2.077	1 15/16	2 15/16	5/8	2.077	3/4	-	4.7	
12	5.415	4.830	4.080	HD100Q12	B	12	Q2	2 17/32	3 1/2	4 7/32	1 55/64	2.077	7/16	4	5.9	
13	5.821	5.224	4.435	HD100Q13	B	12	Q2	2 17/32	3 1/2	4 7/32	1 55/64	2.077	7/16	4	7.9	
14	6.227	5.618	4.868	HD100Q14	A	14	Q1	2.077	2 1/2	3 3/32	3/4	2.077	5/16	-	7.4	
15	6.631	6.013	5.229	HD100Q15	A	14	Q1	2.077	2 1/2	3 3/32	3/4	2.077	5/16	-	9.1	
16	7.034	6.408	5.658	HD100Q16	A	14	Q1	2.077	2 1/2	3 3/32	3/4	2.077	5/16	-	10.9	
17	7.437	6.803	6.024	HD100R17	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	10.0	
18	7.839	7.199	6.449	HD100R18	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	12.3	
19	8.241	7.595	6.819	HD100R19	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	14.9	
20	8.642	7.990	7.240	HD100R20	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	17.4	
21	9.043	8.388	7.613	HD100R21	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	20.3	
22	9.444	8.784	8.034	HD100R22	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	22.8	
24	10.245	9.576	8.826	HD100R24	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	29.5	
35	14.639	13.945	13.181	D100R35	A	14	R1	2.077	2 7/8	3 7/32	7/8	2.077	1/16	-	76.8	
45	18.626	17.920	17.159	D100S45	B	15	S1	3 5/16	4 3/4	4 3/4	1 1/16	2.077	1 15/64	6 3/4	138.0	
60	24.601	23.884	23.134	D100S60	B	15	S1	3 5/16	4 3/4	4 3/4	1 1/16	2.077	1 15/64	6 3/4	251.0	
70	28.583	27.861	27.111	D100S70	C	18	S2	5 11/16	6 3/4	7 1/8	2 3/16	2.077	2 1/4	6 3/4	358.0	
80	32.565	31.839	31.089	D100S80	C	18	S2	5 11/16	6 3/4	7 1/8	2 3/16	2.077	2 1/4	6 3/4	431.0	

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

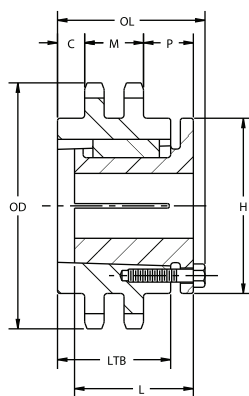
Double Strand Chain	100
Size	100-2
Pitch	1.250"
Chain Inside Width	0.750"
Roller Diameter	0.750"
Nominal Tooth Width	0.669"
Plate Thickness	2.077"



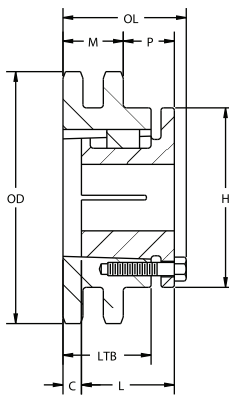
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



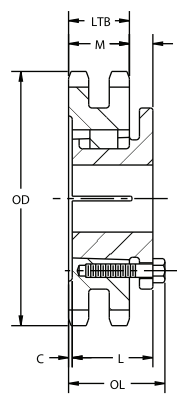
Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



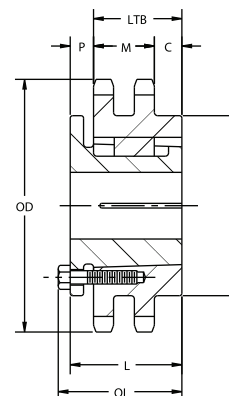
STYLE 18
TYPE C



STYLE 12
TYPE B



STYLE 14
TYPE A



STYLE 15
TYPE B



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
1 1/2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
9	5.022	4.386	3.444	H120A9	1 1/4	3.0	H120B9	B	S	1 1/4	2 3/16	3 3/8 ▲	2 1/4	5.2
10	5.517	4.854	3.979	H120A10	1 1/4	3.8	H120B10	B	S	1 1/4	2 1/4	3 1/4 ▲	2 1/4	7.0
11	6.009	5.325	4.395	H120A11	1 1/4	4.9	H120B11	B	S	1 1/4	2 3/8	3 9/16	2 1/8	7.7
12	6.498	5.796	4.921	H120A12	1 1/4	5.8	H120B12	B	S	1 1/4	2 3/4	4 1/8	2 1/8	9.8
13	6.986	6.269	5.347	H120A13	1 1/4	6.7	H120B13	B	S	1 1/4	3	4 9/16	2 1/4	12.6
14	7.472	6.741	5.866	H120A14	1 1/4	8.1	H120B14	B	D	1 1/4	3 1/4	4 3/4	2 1/4	14.3
15	7.956	7.215	6.300	H120A15	1 1/4	9.4	H120B15	B	D	1 1/4	3 1/4	4 3/4	2 1/4	15.6
16	8.441	7.689	6.814	H120A16	1 3/8	10.5	H120B16	B	D	1 3/8	3 1/2	5 1/4	2 3/8	18.9
17	8.924	8.163	7.254	H120A17	1 3/8	11.7	H120B17	B	D	1 3/8	3 1/2	5 1/4	2 3/8	20.3
18	9.407	8.639	7.764	H120A18	1 3/8	13.7	H120B18	B	D	1 3/8	3 1/2	5 1/4	2 3/8	21.7
19	9.890	9.114	8.207	H120A19	1 3/8	15.3	H120B19	B	D	1 3/8	3 1/2	5 1/4	2 3/8	23.7
20	10.371	9.588	8.713	H120A20	1 3/8	16.8	H120B20	B	D	1 3/8	3 1/2	5 1/4	2 3/8	25.3
21	10.853	10.065	9.161	H120A21	1 3/8	18.5	H120B21	B	D	1 3/8	3 1/2	5 1/4	2 3/8	27.0
22	11.333	10.541	9.666	H120A22	1 3/8	20.3	H120B22	B	D	1 3/8	3 1/2	5 1/4	2 3/8	28.8
23	11.814	11.016	10.115	H120A23	1 3/8	22.1	H120B23	B	D	1 3/8	3 1/2	5 1/4	2 3/8	30.6
24	12.294	11.492	10.617	H120A24	1 3/8	24.5	H120B24	B	D	1 3/8	3 1/2	5 1/4	2 3/8	33.5
25	12.774	11.969	11.070	H120A25	1 3/8	26.6	H120B25	B	D	1 3/8	3 1/2	5 1/4	2 3/8	35.6
26	13.254	12.444	11.569	H120A26	1 3/8	28.5	H120B26	B	D	1 3/8	4 1/8	6 1/4	2 1/2	41.8
27	13.734	12.921	12.024	H120A27	1 3/8	31.2	H120B27	B	D	1 3/8	4 1/8	6 1/4	2 1/2	45.0
28	14.213	13.397	12.522	H120A28	1 3/8	34.0	H120B28	B	D	1 3/8	4 1/8	6 1/4	2 1/2	47.5
30	15.171	14.351	13.476	H120A30	1 3/8	38.4	H120B30	B	D	1 3/8	4 1/8	6 1/4	2 1/2	51.5
32	16.130	15.303	14.428	120A32	1 3/8	43.4	120B32	B	D	1 3/8	4 1/8	6 1/4	2 1/2	57.0
35	17.567	16.734	15.842	120A35	1 3/8	53.9	120B35	B	D	1 3/8	4 1/8	6 1/4	2 1/2	67.0
36	18.045	17.211	16.336	120A36	1 3/8	56.6	120B36	B	D	1 3/8	4 1/8	6 1/4	2 1/2	70.0
40	19.959	19.119	18.244	120A40	1 3/8	72.0	120C40	C	D	1 3/8	4 1/8	6 1/4	3 3/4	102.0
42	20.916	20.073	19.198	120A42	1 3/8	76.0	120C42	C	D	1 3/8	4 1/8	6 1/4	3 3/4	114.0
45	22.352	21.504	20.615	120A45	1 3/8	88.0	120C45	C	D	1 3/8	4 1/8	6 1/4	3 3/4	127.0
48	23.786	22.935	22.060	120A48	1 3/8	100.0	120C48	C	D	1 3/8	4 1/8	6 1/4	3 3/4	141.0
54	26.654	25.797	24.922	120A54	1 3/8	126.0	120C54	C	D	1 3/8	4 1/8	6 1/4	3 3/4	168.0
60	29.522	28.661	27.786	120A60	1 3/8	158.0	120C60	C	D	1 3/8	5 1/4	7	4	195.0
70	34.301	33.434	32.559	120A70	1 3/8	213.0	120C70	C	D	1 3/8	5 3/8	7 1/2	5	290.0
80	39.078	38.207	37.332	120A80	1 3/8	277.0	120C80	C	D	1 3/8	5 3/8	7 1/2	5	360.0

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

▲ There is a recessed groove in the hub to allow for chain clearance.

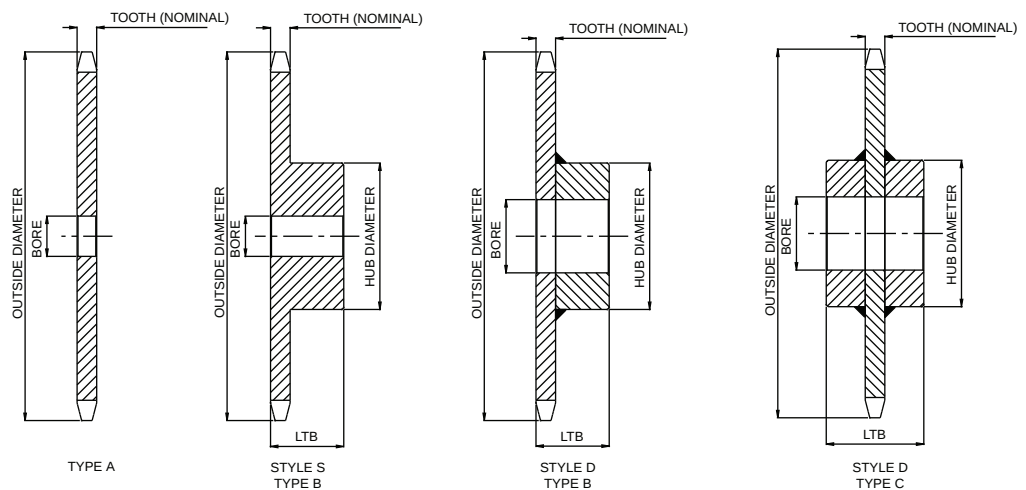
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	120
Size	120
Pitch	1.500"
Chain Inside Width	1.000"
Roller Diameter	0.875"
Nominal Tooth Width	0.924"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.120 Multiple Strand

1 1/2" Pitch



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All dimensions in inches unless otherwise stated.

Sprocket Diameters					120-2 Double Strand (Type B and C)						
No. of Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB(lbs.)	Weight
11	6.009	5.325	4.395	1 1/2	HD120B11	B	S	2 3/8	3 9/16	3 3/4	13.5
12	6.498	5.796	4.921	1 1/2	HD120B12	B	S	2 3/4	4 1/16	3 3/4	17.0
13	6.986	6.269	5.347	1 1/2	HD120B13	B	S	3	4 1/2	3 3/4	20.9
14	7.472	6.741	5.866	1 1/2	HD120B14	B	S	3 1/2	5 1/2	3 3/4	25.2
15	7.956	7.215	6.300	1 1/2	HD120B15	B	S	3 1/2	5 1/4	3 3/4	29.9
16	8.441	7.689	6.814	1 1/2	HD120B16	B	S	3 1/2	5 1/4	3 3/4	33.0
17	8.924	8.163	7.254	1 1/2	HD120B17	B	S	3 1/2	5 1/4	3 3/4	37.1
18	9.407	8.639	7.764	1 1/2	HD120B18	B	S	3 1/2	5 1/4	3 3/4	41.0
19	9.890	9.114	8.207	1 1/2	HD120B19	B	S	3 1/2	5 1/4	3 3/4	45.6
20	10.371	9.588	8.713	1 1/2	HD120B20	B	S	3 1/2	5 1/4	3 3/4	50.4
21	10.853	10.065	9.161	1 1/2	HD120B21	B	S	3 1/2	5 1/4	3 3/4	55.5
22	11.333	10.541	9.666	1 1/2	HD120B22	B	S	3 1/2	5 1/4	3 3/4	60.9
23	11.814	11.016	10.115	1 1/2	HD120B23	B	S	4 1/4	6 1/4	4	71.3
24	12.294	11.492	10.617	1 1/2	HD120B24	B	D	4 1/4	6 1/4	4	77.2
25	12.777	11.969	11.070	1 1/2	HD120B25	B	D	4 1/4	6 1/4	4	83.4
26	13.254	12.444	11.569	1 1/2	HD120B26	B	D	4 1/4	6 1/4	4	89.9
30	15.171	14.351	13.476	1 1/2	HD120B30	B	D	4 1/4	6 1/4	4	118.5
35	17.567	16.734	15.842	2	D120C35	C	W	5	7 1/2	6	170.5
36	18.045	17.211	16.336	2	D120C36	C	W	5	7 1/2	6	175.6
45	22.352	21.504	20.615	2	D120C45	C	W	5	7 1/2	6	228.2
60	29.522	28.661	27.786	2	D120C60	C	W	6	9	6 1/4	359.7

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

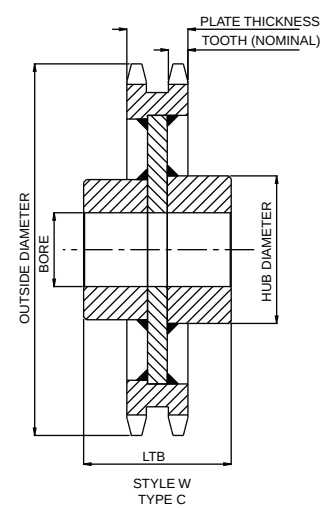
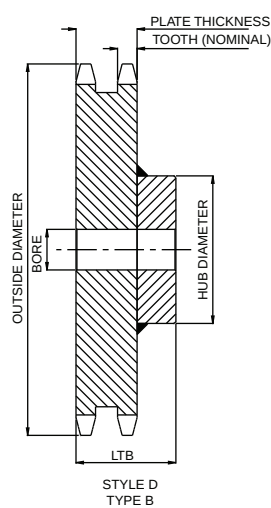
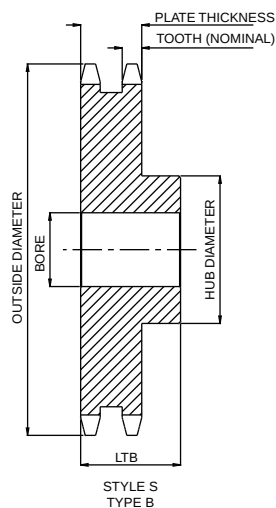
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain	120
Size	120-2
Pitch	1.500"
Chain Inside Width	1.000"
Roller Diameter	0.875"
Nominal Tooth Width	0.894"
Plate Thickness	2.683"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.120 Single "Taper-Lock" Style

1 1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C							
1 1/2" Pitch				Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter								
12	6.498	5.796	4.921	H120BTL12	B	S	2012	2	3 9/16	1 1/4	5.5
13	6.896	6.269	5.347	H120BTL13	B	S	2517	2 1/2	4 1/4	1 3/4	6.0
14	7.472	6.741	5.866	H120BTL14	B	E	2517	2 1/2	4 1/4	1 3/4	7.0
15	7.957	7.215	6.300	H120BTL15	B	E	2517	2 1/2	4 1/4	1 3/4	8.0
16	8.441	7.689	6.814	H120BTL16	B	E	3020	3	5 1/4	2	10.0
17	8.924	8.163	7.254	H120BTL17	B	E	3020	3	5 1/4	2	11.0
18	9.407	8.639	7.764	H120BTL18	B	E	3020	3	5 1/4	2	12.0
19	9.889	9.114	8.207	H120BTL19	B	E	3020	3	5 1/4	2	14.0
20	10.371	9.588	8.713	H120BTL20	B	E	3020	3	5 1/4	2	15.5
21	10.851	10.065	9.161	H120BTL21	B	E	3020	3	5 1/4	2	17.5
24	12.294	11.492	10.617	H120BTL24	B	E	3020	3	5 1/4	2	23.5
26	13.254	12.444	11.569	H120BTL26	B	E	3020	3	5 1/4	2	28.5
30	15.171	14.351	13.476	H120BTL30	B	E	3020	3	5 1/4	2	33.5
35	17.566	16.734	15.842	120BTL35	B	E	3020	3	5 1/4	2	52.0
36	18.045	17.211	16.336	120BTL36	B	E	3020	3	5 1/4	2	54.0
45	22.351	21.504	20.615	120CTL45	C	E	3535	3 1/2	6 1/2	3 1/2	82.0
60	29.522	28.661	27.786	120CTL60	C	E	3535	3 1/2	6 1/2	3 1/2	140.0
70	34.301	33.434	32.559	120CTL70	C	E	3535	3 1/2	6 1/2	3 1/2	175.0
80	39.078	38.207	37.332	120CTL80	C	E	3535	3 1/2	6 1/2	3 1/2	220.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

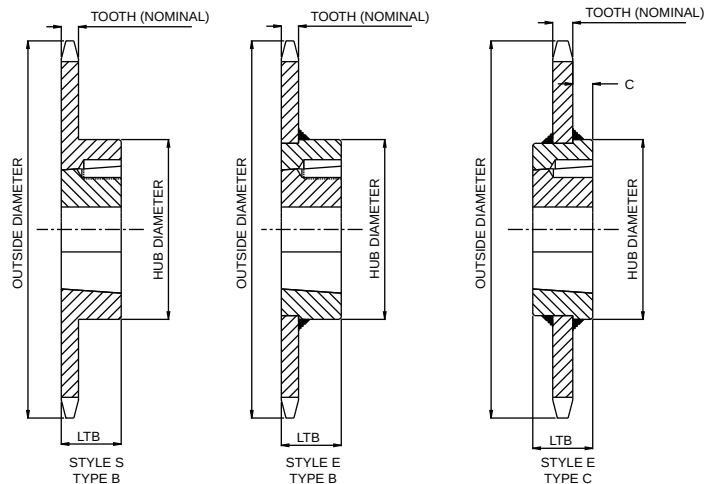
"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
2012	1/2 - 2	1.4
2517	1/2 - 2 1/2	3.2
3020	1 5/16 - 3	5.8
3535	1 3/16 - 3 15/16	11.0

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data	
Single Strand Chain	120
Size	120
Pitch	1.500"
Chain Inside Width	1.000"
Roller Diameter	0.875"
Nominal Tooth Width	0.924"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.120 "QD" Style

1 1/2" Pitch



All dimensions in inches unless otherwise stated.

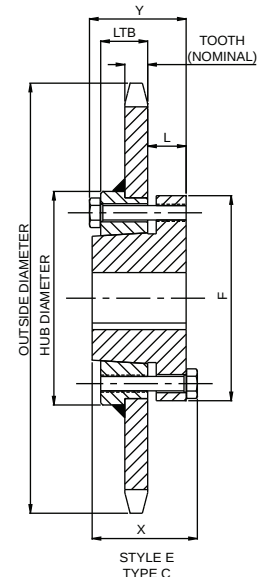
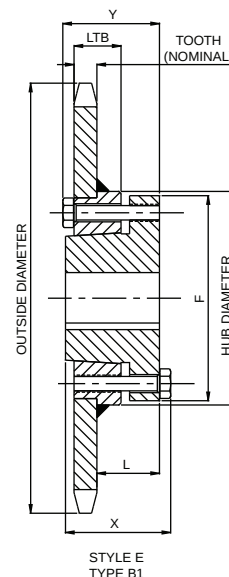
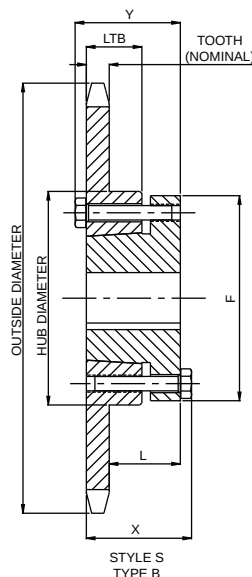
Sprocket Diameters					Type B, B ₁ and C											
1½" Pitch																
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	(lbs.)	Weight
12	6.498	5.796	4.921	H120SF12	B	S	SF	2 ¹⁵ / ₁₆	4 ³ / ₈	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	4.6	
13	6.986	6.269	5.347	H120SF13	B	S	SF	2 ¹⁵ / ₁₆	4 ⁵ / ₈	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	5.9	
14	7.472	6.741	5.866	H120SF14	B	S	SF	2 ¹⁵ / ₁₆	5	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	7.3	
15	7.956	7.215	6.300	H120SF15	B	S	SF	2 ¹⁵ / ₁₆	5	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	8.1	
16	8.441	7.689	6.814	H120E16	B ₁	S	E	3½	6 ¹ / ₈	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	10.9	
17	8.924	8.163	7.254	H120E17	B ₁	S	E	3½	6 ¹ / ₈	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	12.1	
18	9.407	8.639	7.764	H120E18	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	14.7	
19	9.890	9.114	8.207	H120E19	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	15.8	
20	10.371	9.588	8.713	H120E20	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	18.8	
21	10.853	10.065	9.161	H120E21	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	19.3	
22	11.333	10.541	9.666	H120E22	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	21.8	
23	11.814	11.016	10.115	H120E23	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	23.3	
24	12.294	11.492	10.617	H120E24	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	25.7	
25	12.774	11.969	11.070	H120E25	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	27.2	
26	13.254	12.444	11.569	H120E26	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	30.3	
28	14.213	13.397	12.522	H120E28	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	35.2	
30	15.171	14.351	13.476	H120E30	B ₁	E	E	3½	6¼	1 ⁵ / ₈	2 ⁵ / ₈	2 ¹⁵ / ₁₆	1 ⁹ / ₁₆	6	39.3	
32	16.130	15.303	14.428	120F32	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	50.9	
35	17.567	16.734	15.842	120F35	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	63.2	
36	18.045	17.211	16.336	120F36	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	65.0	
40	19.959	19.119	18.244	120F40	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	77.0	
42	20.916	20.073	19.198	120F42	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	90.0	
45	22.352	21.504	20.615	120F45	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	95.0	
48	23.786	22.935	22.060	120F48	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	109.0	
54	26.654	25.797	24.922	120F54	C	E	F	3 ¹⁵ / ₁₆	7	2½	3 ⁵ / ₈	4	1	6 ⁵ / ₈	135.0	
60	29.522	28.661	27.786	120J60	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ¹ / ₁₆	7¼	172.0	
70	34.301	33.434	32.559	120J70	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ¹ / ₁₆	7¼	231.0	
80	39.078	38.207	37.332	120J80	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ¹ / ₁₆	7¼	313.0	

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushing	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
SF	1/2 - 2 15/16	2 5/16 - 2 15/16	2 13/16 - 2 15/16	1.0
E	7/8 - 3 1/2	2 15/16 - 3 1/2	-	2.1
F	1 - 4	3 5/16 - 3 15/16	4	3.1
J	1 1/2 - 4 1/2	3 7/8 - 4 9/16	-	16.8

Refer to page E-138 for bushing specifications.

Dimensional Data	
Single Strand Chain	120
Size	120
Pitch	1.500"
Chain Inside Width	1.000"
Roller Diameter	0.875"
Nominal Tooth Width	0.924"





No.120 Single Split Taper

1 1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B and C											
1 1/2" Pitch					LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)	
11	6.009	5.325	4.395	H120Q11	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	3 7/8	4.8	
12	6.498	5.796	4.921	H120Q12	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	3 7/8	6.3	
13	6.986	6.269	5.347	H120Q13	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	7.9	
14	7.472	6.741	5.866	H120Q14	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	9.2	
15	7.957	7.215	6.300	H120Q15	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	10.4	
16	8.441	7.689	6.814	H120Q16	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	12.0	
16	8.441	7.689	6.814	H120R16	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	12.2	
17	8.924	8.163	7.254	H120Q17	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	13.9	
17	8.924	8.163	7.254	H120R17	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	13.7	
18	9.407	8.639	7.764	H120Q18	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	15.0	
18	9.407	8.639	7.764	H120R18	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	15.2	
19	9.889	9.114	8.207	H120R19	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	16.9	
20	10.371	9.588	8.713	H120R20	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	18.8	
21	10.852	10.065	9.161	H120R21	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	20.7	
22	11.333	10.541	9.666	H120R22	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	22.5	
23	11.813	11.016	10.115	H120R23	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	24.3	
24	12.294	11.492	10.617	H120R24	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	27.1	
25	12.774	11.969	11.070	H120R25	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	29.1	
26	13.254	12.444	11.569	H120R26	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	33.3	
28	14.213	13.397	12.522	H120R28	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	38.0	
30	15.172	14.351	13.476	H120R30	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	43.3	
32	16.130	15.303	14.428	120R32	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	49.4	
35	17.566	16.734	15.842	120R35	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	68.0	
36	18.045	17.211	16.336	120R36	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	72.0	
40	19.959	19.119	18.244	120R40	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	82.0	
40	19.959	19.119	18.244	120S40	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	83.0	
42	20.916	20.073	19.198	120S42	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	90.0	
45	22.351	21.504	20.615	120R45	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	102.0	
45	22.351	21.504	20.615	120S45	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	100.0	
48	23.786	22.935	22.060	120S48	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	111.0	
54	26.654	25.797	24.922	120S54	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	138.0	
60	29.522	28.661	27.786	120R60	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	179.0	
60	29.522	28.661	27.786	120S60	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	180.0	
70	34.300	33.434	32.559	120R70	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	148.0	
70	34.300	33.434	32.559	120S70	B	5	S2	5 11/16	6 3/4	7 1/8	2 15/16	0.924	2 7/8	6 3/4	167.0	
80	39.078	38.207	37.332	120R80	C	6	R2	4	4 7/8	5 5/32	1 15/16	0.924	2	5 3/4	291.0	
80	39.078	38.207	37.332	120S80	C	6	S2	5 11/16	6 3/4	7 1/8	2 15/16	0.924	2 7/8	6 3/4	305.0	

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

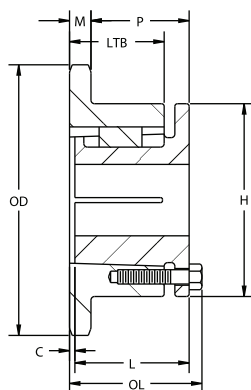
Single Strand Chain 120
Size 120
Pitch 1.500"
Chain Inside Width 1.000"
Roller Diameter 0.875"
Nominal Tooth Width 0.924"



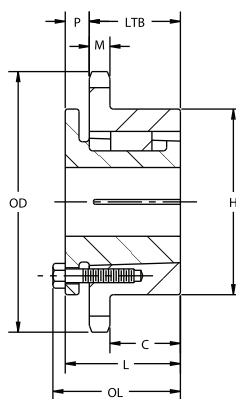
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



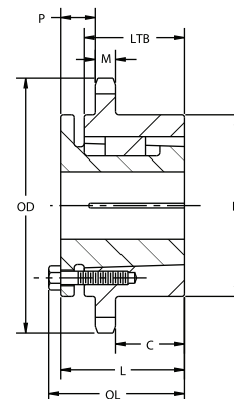
Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



STYLE 4
TYPE B



STYLE 5
TYPE B



STYLE 6
TYPE C

No.120 Double Split Taper

1 1/2" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C											
1 1/2" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
30	15.172	14.351	13.476	HD120S30	B	15	S1	3 5/16	4 3/8	4 3/4	1 1/16	2.683	5/8	6 3/4	105
35	17.566	16.734	15.842	D120S35	B	15	S1	3 5/16	4 3/8	4 3/4	1 1/16	2.683	5/8	6 3/4	148
45	22.351	21.504	20.615	D120S45	C	18	S2	5 11/16	6 3/4	7 1/8	2 7/32	2.683	1 27/32	6 3/4	268
60	29.522	28.661	27.786	D120U60	B	15	U0	3 3/4	5 1/4	5 23/32	1 9/32	2.683	1 9/32	8 1/2	183

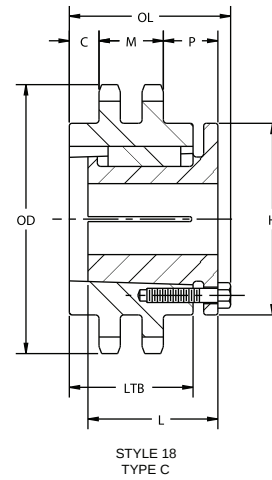
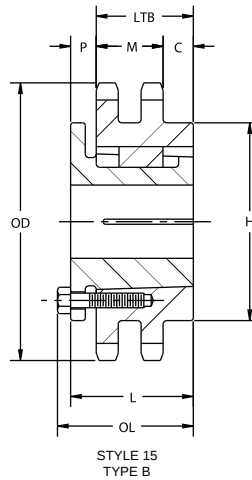
Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

Double Strand Chain	120
Size	120-2
Pitch	1.500"
Chain Inside Width	1.000"
Roller Diameter	0.875"
Nominal Tooth Width	0.894"
Plate Thickness	2.683"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
1 3/4" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
11	7.011	6.213	5.148	140A11	1 3/8	6.6	140B11	B	S	1 3/8	2 3/4	4 1/4	2 1/4	10.7
12	7.581	6.762	5.762	140A12	1 3/8	7.8	140B12	B	D	1 3/8	3	4 1/2	2 1/4	13.3
13	8.150	7.313	6.259	140A13	1 3/8	9.5	140B13	B	D	1 3/8	3 3/4	5 1/4	2 3/8	17.9
14	8.717	7.865	6.865	140A14	1 3/8	10.8	140B14	B	D	1 3/8	3 3/4	5 1/4	2 3/8	18.9
15	9.282	8.418	7.371	140A15	1 3/8	12.6	140B15	B	D	1 3/8	4 1/4	6 1/4	2 1/2	25.8
16	9.847	8.971	7.971	140A16	1 3/8	14.4	140B16	B	D	1 3/8	4 1/4	6 1/4	2 1/2	27.6
17	10.411	9.524	8.483	140A17	1 3/8	16.6	140B17	B	D	1 3/8	4 1/4	6 1/4	2 1/2	29.8
18	10.974	10.078	9.078	140A18	1 3/8	18.2	140B18	B	D	1 3/8	4 1/4	6 1/4	2 1/2	32.3
19	11.538	10.633	9.596	140A19	1 3/8	20.6	140B19	B	D	1 3/8	4 1/4	6 1/4	2 1/2	34.2
20	12.100	11.186	10.186	140A20	1 3/8	23.2	140B20	B	D	1 3/8	4 1/4	6 1/4	2 1/2	36.5
21	12.661	11.743	10.709	140A21	1 3/8	25.9	140B21	B	D	1 3/8	4 1/4	6 1/4	2 1/2	38.7
22	13.221	12.297	11.297	140A22	1 3/8	28.0	140B22	B	D	1 3/8	4 1/4	6 1/4	2 1/2	41.1
23	13.783	12.852	11.822	140A23	1 3/8	31.2	140B23	B	D	1 3/8	4 1/4	6 1/4	2 1/2	44.3
24	14.343	13.407	12.407	140A24	1 3/8	33.5	140B24	B	D	1 3/8	4 1/4	6 1/4	2 1/2	47.8
25	14.903	13.963	12.935	140A25	1 3/8	37.1	140B25	B	D	1 3/8	4 1/4	6 1/4	2 1/2	49.8
26	15.463	14.518	13.518	140A26	1 3/8	38.9	140B26	B	D	1 3/8	4 1/4	6 1/4	3	55.7
28	16.581	15.629	14.629	140A28	1 3/8	46.2	140B28	B	D	1 3/8	4 1/4	6 1/4	3	62.7
30	17.700	16.742	15.742	140A30	1 3/8	53.5	140B30	B	D	1 3/8	4 1/4	6 1/4	3	70.0
32	18.818	17.854	16.854	140A32	1 3/8	59.2	140B32	B	D	1 3/8	4 1/4	6 1/4	3	79.0
35	20.494	19.523	18.503	140A35	1 3/8	71.0	140C35	C	D	1 3/8	5 1/4	7	4	109.0
36	21.053	20.080	19.080	140A36	1 3/8	76.0	140C36	C	D	1 3/8	5 1/4	7	4	115.0
40	23.286	22.306	21.306	140A40	1 3/8	95.0	140C40	C	D	1 3/8	5 1/4	7	4	133.0
45	26.077	25.088	24.072	140A45	1 3/8	122.0	140C45	C	D	1 3/8	5 1/4	7	4	153.0
48	27.750	26.758	25.758	140A48	1 3/8	138.0	140C48	C	D	1 3/8	5 1/4	7	4	172.0
54	31.096	30.097	29.097	140A54	1 3/8	181.0	140C54	C	D	1 3/8	5 1/4	7	4	220.0
60	34.442	33.437	32.437	140A60	1 3/8	216.0	140C60	C	D	1 3/8	5 3/8	7 1/2	5	288.0
70	40.017	39.006	38.006	140A70	1 3/8	290.0	140C70	C	D	1 3/8	5 3/8	7 1/2	5	351.0
80	45.591	44.574	43.574	140A80	1 3/8	399.0	140C80	C	D	1 3/8	5 3/8	7 1/2	5	460.0

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

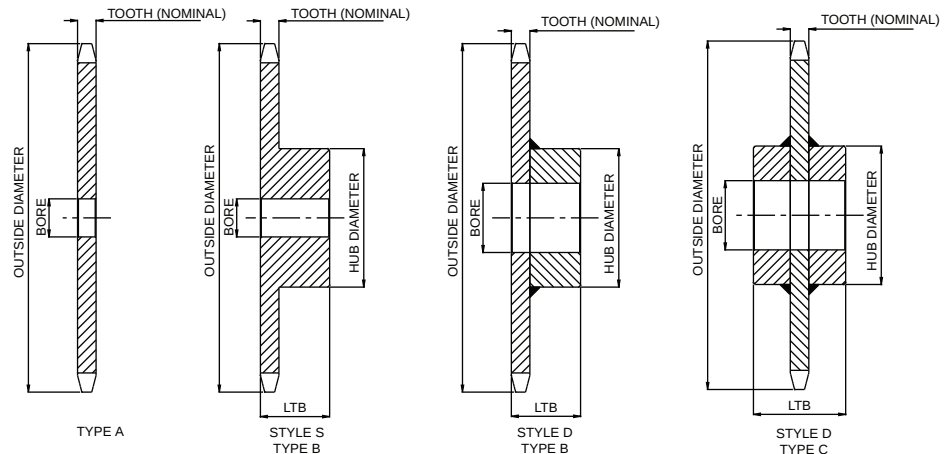
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	140
Size	140
Pitch	1.750"
Chain Inside Width	1.000"
Roller Diameter	1.000"
Nominal Tooth Width	0.924"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.140 Multiple Strand

1 3/4" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters					140-2 Double Strand (Type B and C)						
1 3/4" Pitch											
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore	Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB(lbs.)	Weight
13	8.150	7.313	6.259	1 1/2	D140B13	B	S	3 1/2	5 5/16	3 3/4	28.8
14	8.717	7.865	6.865	1 1/2	D140B14	B	S	4	5 7/8	3 3/4	34.7
15	9.282	8.418	7.371	1 1/2	D140B15	B	S	4 1/4	6 1/4	3 3/4	40.5
16	9.847	8.971	7.971	1 1/2	D140B16	B	S	4 1/4	6 1/4	4	47.9
17	10.411	9.524	8.483	1 1/2	D140B17	B	S	4 1/4	6 1/4	4	52.5
18	10.974	10.078	9.078	1 5/8	D140B18	B	S	4 3/4	7	4	60.8
19	11.538	10.633	9.596	1 5/8	D140B19	B	S	4 3/4	7	4	67.2
20	12.100	11.186	10.186	1 5/8	D140B20	B	D	4 3/4	7	4	74.0
21	12.661	11.743	10.709	1 5/8	D140B21	B	D	4 3/4	7	4	81.3
22	13.221	12.297	11.297	1 5/8	D140B22	B	D	4 3/4	7	4	93.7
23	13.783	12.852	11.822	1 5/8	D140B23	B	D	4 3/4	7	4	100.6
24	14.343	13.407	12.407	1 5/8	D140B24	B	D	4 3/4	7	4	105.1
25	14.903	13.963	12.935	1 5/8	D140B25	B	D	4 3/4	7	4	120.9
26	15.463	14.518	13.518	1 5/8	D140B26	B	D	4 3/4	7	4	127.1
30	17.700	16.742	15.742	1 5/8	D140B30	B	D	4 3/4	7	4	163.5
35	20.494	19.523	18.503	1 5/8	D140C35	C	W	5	7 1/2	6	200.1
36	21.053	20.080	19.080	2	D140C36	C	W	5	7 1/2	6	219.5
45	26.077	25.088	24.072	2	D140C45	C	W	5	7 1/2	6	288.7
60	34.442	33.437	32.437	2	D140C60	C	W	6	9	6 1/4	459.3

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

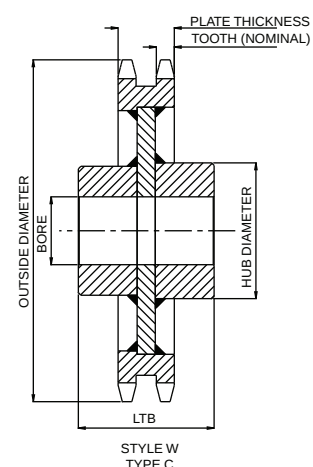
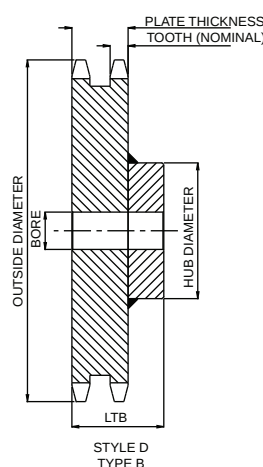
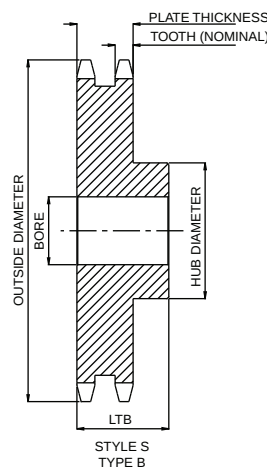
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain	140
Size	140-2
Pitch	1.750"
Chain Inside Width	1.000"
Roller Diameter	1.000"
Nominal Tooth Width	0.894"
Plate Thickness	2.818"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.140 Single "Taper-Lock" Style

1 3/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C							
1 3/4" Pitch				Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter								
12	7.581	6.762	5.762	140BTL12	B	S	2517	2 1/2	4 1/4	1 3/4	7
13	8.150	7.313	6.259	140BTL13	B	S	3020	3	5 1/4	2	8
14	8.718	7.865	6.865	140BTL14	B	E	3020	3	5 1/4	2	10
15	9.283	8.418	7.371	140BTL15	B	E	3020	3	5 1/4	2	12
16	9.848	8.971	7.971	140BTL16	B	E	3020	3	5 1/4	2	14
17	10.411	9.524	8.483	140BTL17	B	E	3020	3	5 1/4	2	16
18	10.975	10.078	9.078	140BTL18	B	E	3020	3	5 1/4	2	18
19	11.537	10.633	9.596	140BTL19	B	E	3020	3	5 1/4	2	20
21	12.660	11.743	10.709	140BTL21	B	E	3020	3	5 1/4	2	24
26	15.463	14.518	13.518	140BTL26	B	E	3020	3	5 1/4	2	40
35	20.494	19.523	18.503	140CTL35	C	E	3535	3 1/2	6 1/2	3 1/2	78
36	21.053	20.080	19.080	140CTL36	C	E	3535	3 1/2	6 1/2	3 1/2	83
45	26.076	25.088	24.072	140CTL45	C	E	4040	4	7 3/4	4	118
60	34.442	33.437	32.437	140CTL60	C	E	4040	4	7 3/4	4	188
70	40.017	39.006	38.006	140CTL70	C	E	4040	4	7 3/4	4	241

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

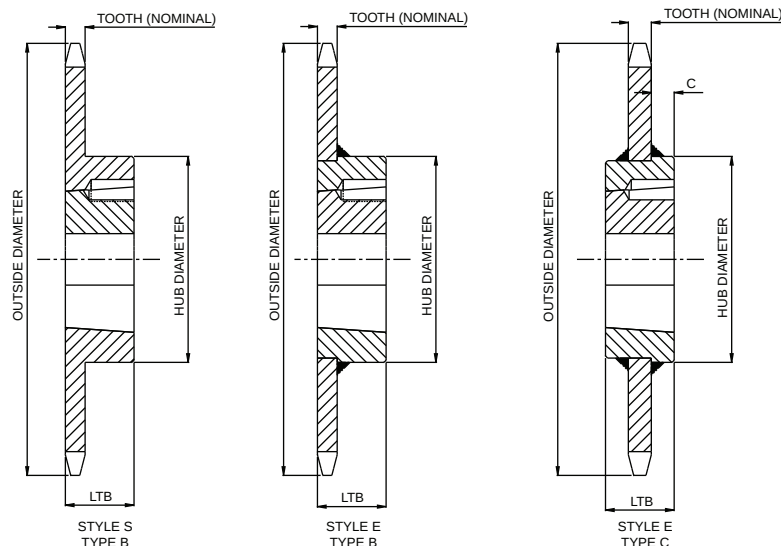
"Taper-Lock" Style Bushings		
Bushing	Bore Range (inches)	Weight (lbs.)
2517	1/2 - 2 1/2	3.2
3020	15/16 - 3	5.8
3535	1 3/16 - 3 15/16	11.0
4040	2 7/8 - 4 7/16	17.0

Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data	
Single Strand Chain	140
Size	140
Pitch	1.750"
Chain Inside Width	1.000"
Roller Diameter	1.000"
Nominal Tooth Width	0.924"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B, B ₁ , C and C ₁												
1¾" Pitch				Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F	(lbs.)	Weight
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter													
11	7.011	6.213	5.148	140SF11	B	S	SF	2 ¹⁵ / ₁₆	4 ⁷ / ₁₆	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	5.5	
12	7.581	6.762	5.762	140SF12	B	S	SF	2 ¹⁵ / ₁₆	4 ⁷ / ₈	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	7.2	
13	8.150	7.313	6.259	140SF13	B	S	SF	2 ¹⁵ / ₁₆	5	1¼	2 ³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₆₄	4 ⁵ / ₈	8.9	
14	8.717	7.865	6.865	140E14	B ₁	S	E	3½	6⅛	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	11.6	
15	9.282	8.418	7.371	140E15	B ₁	S	E	3½	6⅛	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	13.4	
16	9.847	8.971	7.971	140E16	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	15.5	
17	10.411	9.524	8.483	140E17	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	17.5	
18	10.974	10.078	9.078	140E18	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	20.3	
19	11.538	10.633	9.596	140E19	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	21.0	
20	12.100	11.186	10.186	140E20	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	24.4	
21	12.661	11.743	10.709	140E21	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	27.2	
22	13.221	12.297	11.297	140E22	B ₁	E	E	3½	6¼	1⅝	2⅝	2 ¹⁵ / ₁₆	1⅞	6	29.4	
23	13.783	12.852	11.822	140F23	B ₁	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	2 ⁹ / ₁₆	6⅝	36.9	
24	14.343	13.407	12.407	140F24	B ₁	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	2 ⁹ / ₁₆	6⅝	41.1	
25	14.903	13.963	12.935	140F25	B ₁	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	2 ⁹ / ₁₆	6⅝	42.6	
26	15.463	14.518	13.518	140F26	B ₁	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	2 ⁹ / ₁₆	6⅝	46.7	
30	17.700	16.742	15.742	140F30	B ₁	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	2 ⁹ / ₁₆	6⅝	50.6	
35	20.494	19.523	18.503	140F35	C	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	1	6⅝	75.0	
36	21.053	20.080	19.080	140F36	C	E	F	3 ¹⁵ / ₁₆	7	2½	3⅝	4	1	6⅝	79.0	
40	23.286	22.306	21.306	140J40	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ³ / ₁₆	7¼	105.0	
45	26.077	25.088	24.072	140J45	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ³ / ₁₆	7¼	140.1	
48	27.750	26.758	25.758	140J48	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ³ / ₁₆	7¼	148.0	
54	31.096	30.097	29.097	140J54	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ³ / ₁₆	7¼	178.0	
60	34.442	33.437	32.437	140J60	C	E	J	4 ⁷ / ₁₆	8	3 ³ / ₁₆	4½	5	1 ³ / ₁₆	7¼	234.0	
70	40.017	39.006	38.006	140M70	C ₁	E	M	5½	10	5 ³ / ₁₆	6¾	6¾	2 ²⁹ / ₃₂	9	239.0	
80	45.591	44.574	43.574	140M80	C ₁	E	M	5½	10	5 ³ / ₁₆	6¾	6¾	2 ²⁹ / ₃₂	9	432.0	

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushing	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
SF	1/2 - 2 ¹⁵ / ₁₆	2 ⁵ / ₁₆ - 2 ¹⁵ / ₁₆	2 ¹³ / ₁₆ - 2 ¹⁵ / ₁₆	1.0
E	7/8 - 3 1/2	2 ¹⁵ / ₁₆ - 3 1/2	-	2.1
F	1 - 4	3 ⁵ / ₁₆ - 3 ¹⁵ / ₁₆	4	3.1
J	1 1/2 - 4 1/2	3 ⁷ / ₈ - 4 ⁹ / ₁₆	-	16.8
M	2 - 5 1/2	4 3/4 - 3 1/2	-	56.0

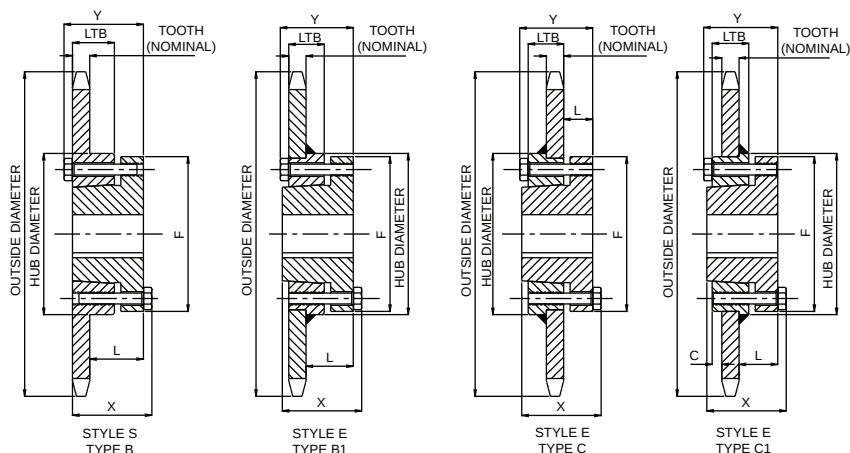
Refer to page E-138 for bushing specifications.

Dimensional Data

Single Strand Chain 140
Size 140
Pitch 1.750"
Chain Inside Width 1.000"
Roller Diameter 1.000"
Nominal Tooth Width 0.924"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.140 Split Taper

1 3/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type B and C											
1 3/4" Pitch																
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	LTB Bushing (L)	OL	P	M	C	H	Weight (lbs.)	
11	7.010	6.213	5.148	H140Q11	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	3 7/8	6.4	
12	7.581	6.762	5.762	H140Q12	B	4	Q1	1 3/4	2 1/2	2 25/32	1 9/16	0.924	-	4 1/2	9.0	
13	8.150	7.313	6.259	H140R13	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 13/16	11.1	
14	8.717	7.865	6.865	H140R14	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	12.6	
15	9.283	8.418	7.371	H140R15	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	14.7	
16	9.848	8.971	7.971	H140R16	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	16.5	
17	10.412	9.524	8.483	H140R17	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	18.5	
18	10.975	10.078	9.078	H140R18	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	20.5	
19	11.537	10.633	9.596	H140R19	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	23.0	
20	12.099	11.186	10.186	H140R20	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	25.4	
21	12.660	11.743	10.709	H140R21	B	4	R1	2	2 7/8	3 5/32	1 15/16	0.924	-	5 3/4	27.8	
22	13.222	12.297	11.297	H140R22	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	32.5	
23	13.782	12.852	11.822	H140R23	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	36.0	
24	14.343	13.407	12.407	H140R24	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	37.6	
25	14.903	13.963	12.935	H140R25	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	40.3	
26	15.463	14.518	13.518	H140R26	B	5	R1	2	2 7/8	3 5/32	7/8	0.924	1 1/16	5 3/4	44.0	
30	17.700	16.742	15.742	H140R30	C	5	R2	4	4 7/8	5 5/32	7/8	0.924	2	5 3/4	68.0	
35	20.494	19.523	18.503	140R35	C	6	R2	4	4 7/8	5 5/32	7/8	0.924	2	5 3/4	88.0	
36	21.053	20.080	19.080	140R36	C	6	R2	4	4 7/8	5 5/32	7/8	0.924	2	5 3/4	90.0	
36	21.053	20.080	19.080	140S36	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	89.0	
40	23.286	22.306	21.306	140R40	C	6	R2	4	4 7/8	5 5/32	7/8	0.924	2	5 3/4	109.0	
40	23.286	22.306	21.306	140S40	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	107.0	
45	26.076	25.088	24.072	140S45	B	5	S1	3 5/16	4 3/8	4 3/4	1 1/16	0.924	2 3/8	6 3/4	132.0	
48	27.750	26.758	25.758	140S48	C	6	S2	5 11/16	6 3/4	7 1/2	2 15/16	0.924	2 7/8	6 3/4	169.0	
54	31.096	30.097	29.097	140S54	C	6	S2	5 11/16	6 3/4	7 1/2	2 15/16	0.924	2 7/8	6 3/4	208.0	
60	34.442	33.437	32.437	140S60	C	6	S2	5 11/16	6 3/4	7 1/2	2 15/16	0.924	2 7/8	6 3/4	230.0	
70	40.017	39.006	38.006	140S70	C	6	S2	5 11/16	6 3/4	7 1/2	2 15/16	0.924	2 7/8	6 3/4	311.0	
80	45.590	44.574	43.574	140S80	C	6	S2	5 11/16	6 3/4	7 1/2	2 15/16	0.924	2 7/8	6 3/4	242.0	

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

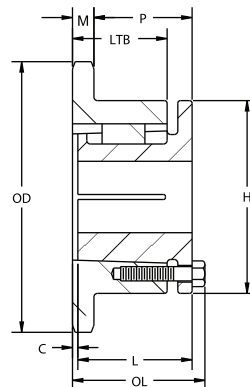
Single Strand Chain	140
Size	140
Pitch	1.750"
Chain Inside Width	1.000"
Roller Diameter	1.000"
Nominal Tooth Width	0.924"



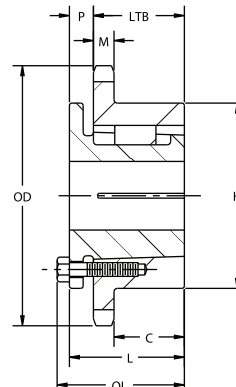
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



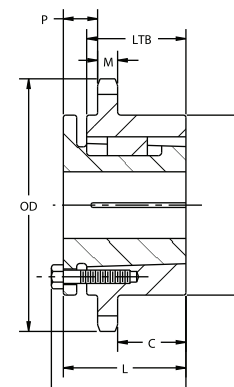
Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 4
TYPE B



STYLE 5
TYPE B



STYLE 6
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
No. of Teeth	Outside Diameter	Pitch Diameter	2" Pitch	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
			Caliper Diameter											
8	6.028	5.226	4.101	160A8	1⅜	5.6	160B8	B	S	1⅜	1⅞	2 ¹³ / ₁₆	2¼	6.9
9	6.696	5.848	4.635	160A9	1⅜	7.5	160B9	B	S	1⅜	2⅜	3⅝	2¼	9.9
10	7.356	6.472	5.347	160A10	1⅜	10.1	160B10	B	S	1⅜	2¾	4	2¼	12.5
11	8.012	7.100	5.902	160A11	1⅜	11.2	160B11	B	S	1⅜	3¼	4¾	2½	17.7
12	8.664	7.728	6.603	160A12	1⅜	13.5	160B12	B	S	1⅜	3¾	5¼	2⅝	22.0
13	9.314	8.358	7.171	160A13	1⅜	15.9	160B13	B	D	1⅜	4	6	2¾	27.9
14	9.962	8.988	7.863	160A14	1⅜	18.5	160B14	B	D	1⅜	4¼	6¼	2¾	31.7
15	10.608	9.620	8.442	160A15	1⅜	21.7	160B15	B	D	1⅜	5¼	7	2¾	38.6
16	11.254	10.252	9.127	160A16	1⅜	24.8	160B16	B	D	1⅜	5¼	7	2¾	42.0
17	11.898	10.844	9.713	160A17	1⅜	27.8	160B17	B	D	1⅜	5¼	7	2¾	45.0
18	12.542	11.518	10.393	160A18	1⅜	31.3	160B18	B	D	1⅜	5¼	7	2¾	48.5
19	13.186	12.152	10.985	160A19	1⅜	35.2	160B19	B	D	1⅜	5¼	7	2¾	52.7
20	13.828	12.784	11.659	160A20	1⅜	39.0	160B20	B	D	1⅜	5¼	7	2¾	55.5
21	14.470	13.420	12.256	160A21	1⅜	43.3	160B21	B	D	1⅜	5¼	7	2¾	58.5
22	15.110	14.054	12.929	160A22	1⅜	47.7	160B22	B	D	1⅜	5¼	7	2¾	64.6
23	15.752	14.688	13.529	160A23	1⅜	51.5	160B23	B	D	1⅜	5¼	7	2¾	70.0
24	16.392	15.322	14.197	160A24	1⅜	56.0	160B24	B	D	1⅜	5¼	7	3	75.0
25	17.032	15.958	14.801	160A25	1⅜	61.7	160B25	B	D	1⅜	5¼	7	3	81.0
26	17.672	16.592	15.467	160A26	1⅜	66.6	160B26	B	D	1⅜	5¼	7	3	87.0
27	18.312	17.228	16.073	160A27	1⅜	72.0	160B27	B	D	1⅜	5¼	7	3	90.0
28	18.950	17.862	16.737	160A28	1⅜	80.0	160B28	B	D	1⅜	5¼	7	3	98.0
30	20.228	19.134	18.009	160A30	1⅜	87.0	160B30	B	D	1⅜	5¼	7	3	112.0
35	23.422	22.312	21.164	160A35	1⅜	124.0	160C35	C	D	1⅜	5½	8	4½	154.0
36	24.060	22.948	21.823	160A36	1⅜	134.0	160C36	C	D	1⅜	5½	8	4½	170.0
40	26.612	25.492	24.367	160A40	1⅜	161.0	160C40	C	D	1⅜	5½	8	4½	185.0
45	29.802	28.672	27.529	160A45	1⅜	204.0	160C45	C	D	1⅜	5½	8	5	225.0
48	31.714	30.580	29.455	160A48	1⅜	233.0	160C48	C	D	1⅜	5½	8	5	250.0
54	35.538	34.396	33.271	160A54	1⅜	291.0	160C54	C	D	1⅜	5½	8	5	345.0
60	39.362	38.214	37.089	160A60	1⅜	361.0	160C60	C	D	1⅜	5½	8	5	415.0
70	45.734	44.578	43.453	160A70	1⅜	497.0	160C70	C	D	1⅜	5½	8	5	545.0
80	52.104	50.942	49.817	160A80	1⅜	643.0	160C80	C	D	1⅜	5½	8	6	695.0

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

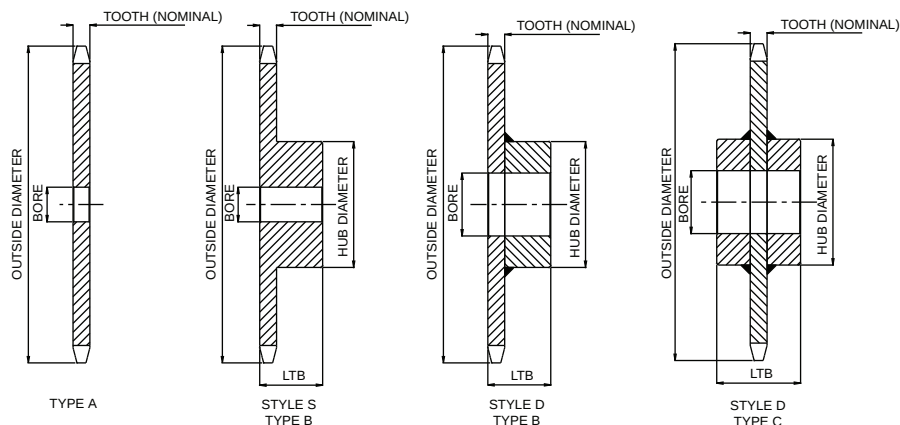
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	160
Size	160
Pitch	2.000"
Chain Inside Width	1.250"
Roller Diameter	1.125"
Nominal Tooth Width	1.156"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.160 Multiple Strand

2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters					160-2 Type B and C						
2" Pitch					Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB(lbs.)	Weight
No. Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore							
13	9.314	8.358	7.171	2	D160B13	B	D	3½	5¼	4¾	43.0
14	9.962	8.988	7.863	2	D160B14	B	D	3½	5¼	4¾	50.1
15	10.608	9.620	8.442	2	D160B15	B	D	3½	5¼	4¾	57.9
16	11.254	10.252	9.127	2	D160B16	B	D	4¾	7	4¾	72.6
17	11.898	10.844	9.713	2	D160B17	B	D	4¾	7	4¾	81.6
18	12.542	11.518	10.393	2	D160B18	B	D	4¾	7	4¾	91.2
19	13.186	12.152	10.985	2	D160B19	B	D	4¾	7	4¾	101.5
20	13.828	12.784	11.695	2	D160B20	B	D	4¾	7	4¾	112.3
21	14.470	13.420	12.256	2	D160B21	B	D	5	7½	5	128.9
22	15.110	14.054	12.929	2	D160B22	B	D	5	7½	5	141.0
23	15.752	14.688	13.529	2	D160B23	B	D	5	7½	5	154.1
24	16.392	15.322	14.197	2	D160B24	B	D	5	7½	5	167.0
25	17.032	15.958	14.801	2	D160B25	B	D	5	7½	5	181.0
26	17.672	16.592	15.467	2	D160B26	B	D	5	7½	5	196.6
30	20.228	19.134	18.009	2	D160B30	B	D	5	7½	5	260.1
35	23.422	22.312	21.164	2	D160C35	C	W	6	9	6¼	332.4
36	24.060	22.948	21.823	2	D160C36	C	W	6	9	6¼	343.7
45	29.802	28.672	27.529	2	D160C45	C	W	6¾	10	7⅞	495.1
60	39.362	38.214	37.089	2	D160C60	C	W	6¾	10	7⅞	717.7

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

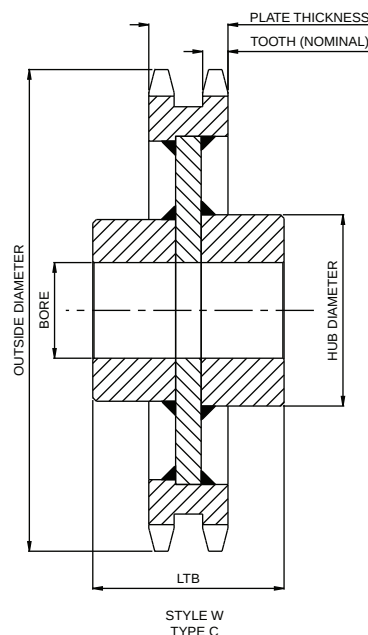
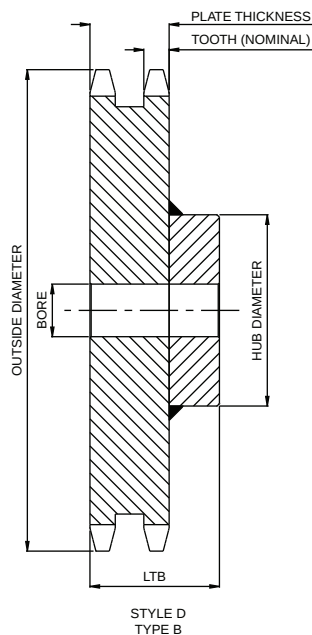
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain	160
Size	160-2
Pitch	2.000"
Chain Inside Width	1.250"
Roller Diameter	1.125"
Nominal Tooth Width	1.119"
Plate Thickness	3.424"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.160 Single "Taper-Lock" Style

2" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C							
No. of Teeth	Outside Diameter	Pitch Diameter	2" Pitch	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	Weight (lbs.)
			Caliper Diameter								
11	8.011	7.100	5.902	160BTL11	B	S	2517	2½	4¼	1¾	9
12	8.664	7.728	6.603	160BTL12	B	S	3020	3	5¼	2	11
13	9.314	8.358	7.171	160BTL13	B	E	3020	3	5¼	2	13
14	9.963	8.988	7.863	160BTL14	B	E	3020	3	5¼	2	16
15	10.609	9.620	8.442	160BTL15	B	E	3535	3½	6½	3½	25
16	11.255	10.252	9.127	160BTL16	B	E	3535	3½	6½	3½	28
17	11.899	10.844	9.713	160BTL17	B	E	3535	3½	6½	3½	32
18	12.543	11.518	10.393	160BTL18	B	E	3535	3½	6½	3½	35
19	13.185	12.152	10.985	160BTL19	B	E	3535	3½	6½	3½	39
20	13.828	12.784	11.695	160BTL20	B	E	3535	3½	6½	3½	44
21	14.470	13.420	12.256	160BTL21	B	E	3535	3½	6½	3½	48
24	16.392	15.322	14.197	160BTL24	B	E	3535	3½	6½	3½	59
26	17.671	16.592	15.467	160BTL26	B	E	3535	3½	6½	3½	68
35	23.422	22.312	21.164	160CTL35	C	E	4040	4	7¾	4	118
36	24.060	22.948	21.823	160CTL36	C	E	4040	4	7¾	4	130
45	29.802	28.672	27.529	160CTL45	C	E	4040	4	7¾	4	186
60	39.362	38.214	37.089	160CTL60	C	E	4545	4½	8¾	4½	292

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"Taper-Lock" Style Bushings

Bushing	Bore Range (inches)	Weight (lbs.)
2517	½ - 2½	3.2
3020	15/16 - 3	5.8
3535	1¾ - 3 15/16	11.0
4040	2 7/8 - 4 7/16	17.0
4545	1 15/16 - 4 15/16	24.0

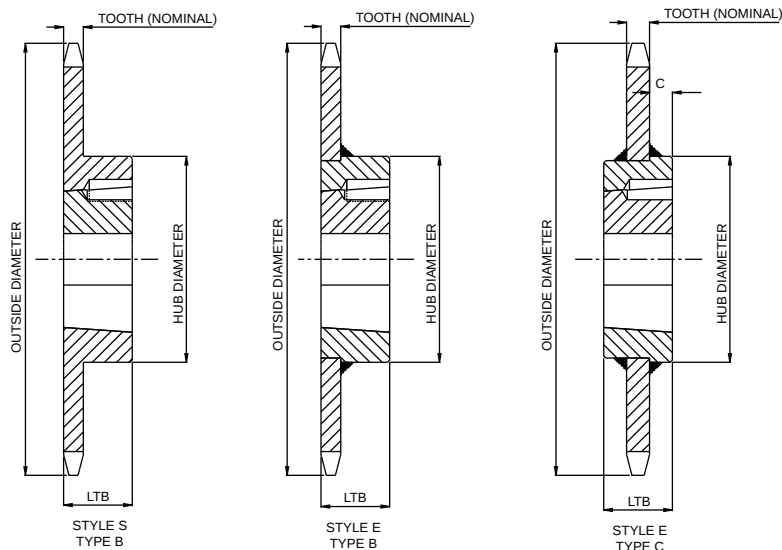
Refer to pages E-136 and E-137 for bushing specifications.

Dimensional Data

Single Strand Chain	160
Size	160
Pitch	2.000"
Chain Inside Width	1.250"
Roller Diameter	1.125"
Nominal Tooth Width	1.156"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in inches unless otherwise stated.

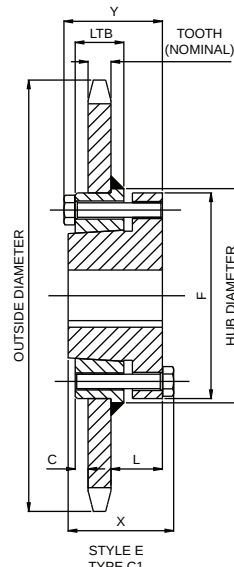
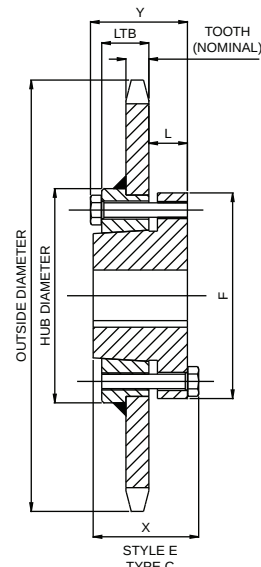
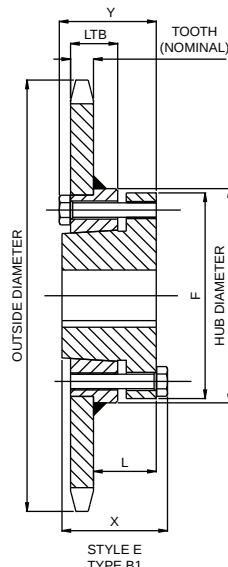
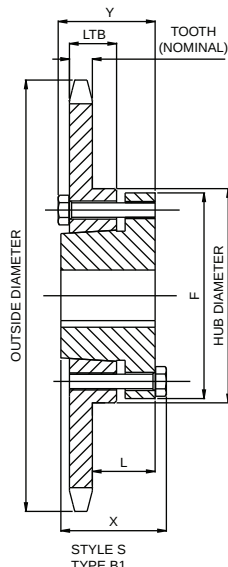
Sprocket Diameters				Type B ₁ , C and C ₁											
2" Pitch															
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Bushing	Max. Bore	Hub Diameter	LTB	X	Y	L	F (lbs.)	Weight
12	8.664	7.728	6.603	160E12	B ₁	S	E	3½	5⅛	1⅝	2⅝	2⅛	1⅝	6	11.2
13	9.314	8.358	7.171	160E13	B ₁	S	E	3½	6¼	1⅝	2⅝	2⅛	1⅝	6	14.2
14	9.962	8.988	7.863	160E14	B ₁	S	E	3½	6¼	1⅝	2⅝	2⅛	1⅝	6	17.4
15	10.608	9.620	8.442	160F15	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	24.7
16	11.254	10.252	9.127	160F16	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	29.0
17	11.898	10.844	9.713	160F17	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	30.7
18	12.542	11.518	10.393	160F18	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	33.8
19	13.186	12.152	10.985	160F19	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	37.9
20	13.828	12.784	11.659	160F20	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	43.0
21	14.470	13.420	12.256	160F21	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	45.9
22	15.110	14.054	12.929	160F22	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	51.1
23	15.752	14.688	13.529	160F23	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	54.8
24	16.392	15.322	14.197	160F24	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	60.4
25	17.032	15.958	14.801	160F25	B ₁	E	F	3⅝	7	2½	3⅝	4	2⅝	6⅝	64.6
26	17.672	16.592	15.467	160J26	C	E	J	4⅞	8	3⅞	4½	5	1⅞	7¼	77.0
28	18.950	17.862	16.737	160J28	C	E	J	4⅞	8	3⅞	4½	5	1⅞	7¼	86.0
30	20.228	19.134	18.009	160J30	C	E	J	4⅞	8	3⅞	4½	5	1⅞	7¼	110.0
35	23.422	22.312	21.164	160J35	C	E	J	4⅞	8	3⅞	4½	5	1⅞	7¼	131.0
40	26.612	25.492	24.367	160M40	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	196.0
45	29.802	28.672	27.529	160M45	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	237.0
54	35.538	34.396	33.271	160M54	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	325.0
60	39.362	38.214	37.089	160M60	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	378.0
70	45.734	44.578	43.453	160M70	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	505.0
80	52.104	50.942	49.817	160M80	C ₁	E	M	5½	10	5⅞	6¾	6¾	1⅞	9	671.0

Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering.

"QD" Style Bushings				
Bushings	Bore Range (inches)			Weight (lbs.)
	Standard Keyway	Shallow Keyway	Without Keyway	
E	⅞ - 3½	2⅛ - 3½	-	2.1
F	1 - 4	3⅝ - 3⅞	4	3.1
J	1½ - 4½	3⅞ - 4⅞	-	16.8
M	2 - 5½	4¾ - 3½	-	56.0

Refer to page E-138 for bushing specifications.

Dimensional Data	
Single Strand Chain	160
Size	160
Pitch	2.000"
Chain Inside Width	1.250"
Roller Diameter	1.125"
Nominal Tooth Width	1.156"



No.160 Split Taper

2" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type B and C											
2" Pitch				LTB											
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Type	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
11	8.011	7.100	5.902	H160R11	B	4	R1	2 1/4	2 7/8	3 13/32	1 31/32	1.156	1/4	5 13/16	10.8
12	8.664	7.728	6.603	H160R12	B	4	R1	2 1/4	2 7/8	3 13/32	1 31/32	1.156	1/4	5 3/4	14.2
13	9.314	8.358	7.171	H160R13	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	15.5
14	9.963	8.988	7.863	H160R14	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	18.5
15	10.609	9.620	8.442	H160R15	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	21.6
16	11.255	10.252	9.127	H160R16	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	25.0
17	11.899	10.844	9.713	H160R17	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	28.0
18	12.543	11.518	10.393	H160R18	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	31.9
19	13.185	12.152	10.985	H160R19	B	4	R1	2	2 7/8	3 5/32	1 23/32	1.156	-	5 3/4	35.9
20	13.828	12.784	11.659	H160R20	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	51.0
21	14.469	13.420	12.256	H160R21	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	56.0
22	15.110	14.054	12.929	H160R22	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	60.0
23	15.751	14.688	13.529	H160R23	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	65.0
24	16.392	15.322	14.197	H160R24	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	71.5
25	17.032	15.958	14.801	H160R25	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	74.0
26	17.671	16.592	15.467	H160R26	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	79.0
26	17.671	16.592	15.467	H160S26	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	78.0
28	18.950	17.862	16.737	H160R28	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	99.8
28	18.950	17.862	16.737	H160S28	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	98.7
30	20.229	19.134	18.009	H160R30	C	6	R2	4	4 7/8	5 5/32	1 23/32	1.156	2	5 3/4	115.0
30	20.229	19.134	18.009	H160S30	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	114.0
35	23.422	22.312	21.164	160S35	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	150.0
40	26.612	25.492	24.367	160S40	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	165.0
45	29.801	28.672	27.529	160S45	C	6	S2	5 11/16	6 3/4	7 1/8	2 23/32	1.156	2 7/8	6 3/4	204.0
60	39.362	38.214	37.089	160U60	C	6	U0	3 3/4	5 1/4	5 25/32	1 21/32	1.156	1 15/16	8 1/2	354.0
70	45.733	44.578	43.453	160U70	C	6	U0	3 3/4	5 1/4	5 25/32	1 21/32	1.156	1 15/16	8 1/2	308.0
80	52.103	50.942	49.817	160U80	C	6	U1	5 5/8	7 1/8	7 19/32	2 19/32	1.156	2 7/8	8 1/2	394.0

Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

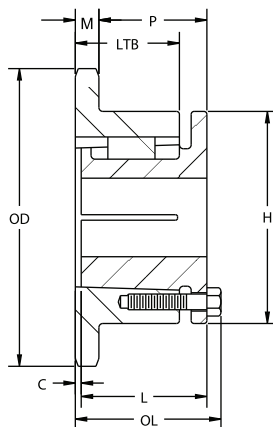
Single Strand Chain	160
Size	160
Pitch	2.000"
Chain Inside Width	1.250"
Roller Diameter	1.125"
Nominal Tooth Width	1.156"



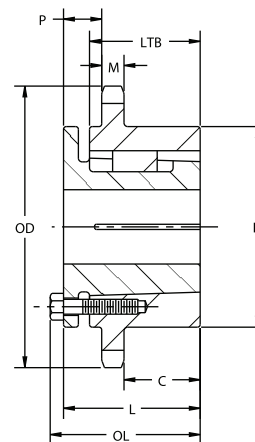
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



STYLE 4
TYPE B



STYLE 6
TYPE C



All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
2 1/4" Pitch				Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter											
11	9.010	7.986	6.499	180A11	1 3/8	15.0	180B11	B	S	1 3/8	3 5/8	5 1/2	2 15/16	30
12	9.750	8.693	7.287	180A12	1 3/8	17.0	180B12	B	D	1 3/8	4	6	2 15/16	34
13	10.480	9.402	7.927	180A13	1 3/8	21.5	180B13	B	D	1 3/8	4	6	2 15/16	36
14	11.210	10.111	8.705	180A14	1 3/8	25.5	180B14	B	D	1 3/8	5 1/4	7	3 1/8	42
15	11.940	10.822	9.357	180A15	1 3/8	28.8	180B15	B	D	1 3/8	5 1/4	7	3 1/8	45
16	12.660	11.533	10.127	180A16	1 3/8	33.1	180B16	B	D	1 3/8	5 1/4	7	3 1/8	51
17	13.390	12.245	10.787	180A17	1 3/8	37.7	180B17	B	D	1 3/8	5 1/4	7	3 1/8	56
18	14.110	12.957	11.551	180A18	1 3/8	42.3	180B18	B	D	1 3/8	5 1/4	7	3 1/8	61
19	14.830	13.670	12.217	180A19	1 3/8	47.9	180B19	B	D	1 3/8	5 3/8	7 1/2	3 3/8	66
20	15.560	14.383	12.977	180A20	1 3/8	52.8	180B20	B	D	1 3/8	5 3/8	7 1/2	3 3/8	72
21	16.280	15.096	13.648	180A21	1 3/8	59.0	180B21	B	D	1 3/8	5 3/8	7 1/2	3 3/8	78
22	17.000	15.810	14.404	180A22	1 3/8	65.0	180B22	B	D	1 3/8	5 3/8	7 1/2	3 3/8	87
23	17.720	16.524	15.079	180A23	1 3/8	72.1	180B23	B	D	1 3/8	5 3/8	7 1/2	3 3/8	95
24	18.440	17.238	15.832	180A24	1 3/8	81.1	180B24	B	D	1 3/8	5 3/8	7 1/2	3 3/8	103
25	19.160	17.952	16.511	180A25	1 3/8	85.0	180B25	B	D	1 3/8	5 3/8	7 1/2	3 3/8	110
28	21.320	20.096	18.690	180A28	1 3/8	105.0	180B28	B	D	1 3/8	5 1/2	8	3 11/16	135
30	22.760	21.525	20.119	180A30	1 3/8	124.0	180C30	C	D	1 3/8	5 3/4	8 1/2	4 3/8	170
35	26.350	25.101	23.669	180A35	1 3/8	171.0	180C35	C	D	1 3/8	5 3/4	8 1/2	4 3/8	232
40	29.940	28.677	27.271	180A40	1 3/8	222.0	180C40	C	D	1 3/8	5 3/4	8 1/2	4 3/8	260
45	33.530	32.255	30.829	180A45	1 3/8	278.0	180C45	C	D	1 3/8	6	9	5	350
54	39.980	38.696	37.290	180A54	1 3/8	402.0	180C54	C	D	1 3/8	6	9	5	466
60	44.280	42.992	41.586	180A60	1 3/8	499.0	180C60	C	D	1 3/8	6 1/2	9 1/2	5 3/8	590

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

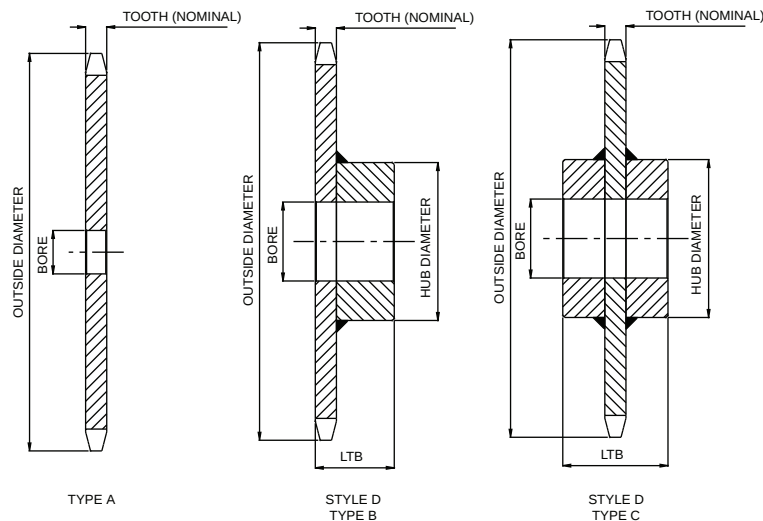
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	180
Size	180
Pitch	2.250"
Chain Inside Width	1.406"
Roller Diameter	1.406"
Nominal Tooth Width	1.301"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.200 Stock Bore

2 1/2" Pitch



Innovation in Motion
TSUBAKI

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
2 1/2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
10	9.200	8.090	6.528	200A10	1 1/8	16.3	200B10	B	S	1 1/8	3 3/4	5 1/2	3	30
11	10.020	8.872	7.219	200A11	1 1/8	20.2	200B11	B	D	1 1/8	4	6	3	35
12	10.830	9.660	8.098	200A12	1 1/8	24.3	200B12	B	D	1 1/8	4	6	3	39
13	11.640	10.447	8.808	200A13	1 1/8	28.7	200B13	B	D	1 1/8	4 1/4	6 1/4	3	42
14	12.460	11.235	9.673	200A14	1 1/8	34.4	200B14	B	D	1 1/8	5 3/8	7 1/2	3 7/16	65
15	13.260	12.025	10.397	200A15	1 1/8	39.0	200B15	B	D	1 1/8	5 3/8	7 1/2	3 7/16	70
16	14.070	12.815	11.253	200A16	1 1/8	45.6	200B16	B	D	1 1/8	5 3/8	7 1/2	3 7/16	76
17	14.870	13.605	11.985	200A17	1 1/8	49.7	200B17	B	D	1 1/8	5 3/8	7 1/2	3 7/16	82
18	15.680	14.397	12.835	200A18	1 1/8	56.0	200B18	B	D	1 1/8	5 3/8	7 1/2	3 7/16	89
19	16.480	15.190	13.576	200A19	1 1/8	63.0	200B19	B	D	1 1/8	5 3/8	7 1/2	3 7/16	96
20	17.290	15.982	14.420	200A20	1 1/8	70.0	200B20	B	D	1 1/8	5 3/8	7 1/2	3 7/16	104
21	18.090	16.775	15.166	200A21	1 1/8	78.0	200B21	B	D	1 1/8	5 3/8	7 1/2	3 7/16	112
22	18.890	17.567	16.005	200A22	1 1/8	89.0	200B22	B	D	1 1/8	5 3/4	8 1/2	4	134
23	19.690	18.360	16.755	200A23	1 1/8	101.0	200B23	B	D	1 1/8	5 3/4	8 1/2	4	143
24	20.490	19.152	17.590	200A24	1 1/8	102.0	200B24	B	D	1 1/8	5 3/4	8 1/2	4	152
25	21.290	19.947	18.346	200A25	1 1/8	118.0	200B25	B	D	1 1/8	5 3/4	8 1/2	4	161
26	22.090	20.740	19.178	200A26	1 1/8	124.0	200C26	C	D	1 1/8	5 3/4	8 1/2	4 1/2	177
28	23.690	22.330	20.768	200A28	1 1/8	146.0	200C28	C	D	1 1/8	5 3/4	8 1/2	4 1/2	195
30	25.290	23.917	22.355	200A30	1 1/8	162.0	200C30	C	D	1 1/8	5 3/4	8 1/2	4 1/2	220
32	26.880	25.505	23.943	200A32	1 1/8	190.0	200C32	C	D	1 1/8	5 3/4	8 1/2	4 1/2	244
35	29.280	27.890	26.300	200A35	1 1/8	224.0	200C35	C	D	1 1/8	5 3/4	8 1/2	4 1/2	250
40	33.270	31.865	30.303	200A40	1 1/8	291.0	200C40	C	D	1 1/8	6	9	5	310
45	37.250	35.840	34.256	200A45	1 1/8	356.0	200C45	C	D	1 1/8	6	9	5	400
54	44.420	42.995	41.433	200A54	1 1/8	479.0	200C54	C	D	1 1/8	6 1/2	9 1/2	5 1/2	525
60	49.200	47.767	46.205	200A60	1 1/8	659.0	200C60	C	D	1 1/8	6 1/2	9 1/2	5 1/2	700

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

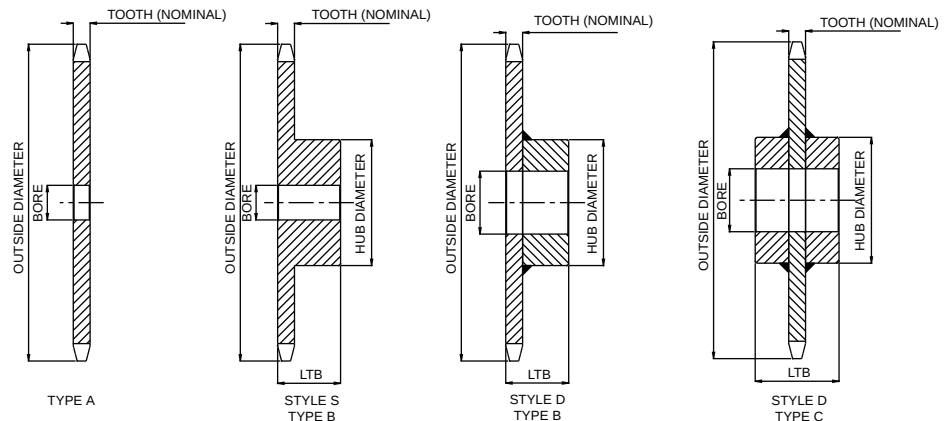
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	200
Size	200
Pitch	2.500"
Chain Inside Width	1.500"
Roller Diameter	1.562"
Nominal Tooth Width	1.389"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





No.200 Multiple Strand

2 1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters					200-2 Type B and C						
2 1/2" Pitch					Catalogue Number	Type	Style	†Max Bore	*Hub Diameter	LTB(lbs.)	Weight
No. of Teeth	Outside Dia.	Pitch Dia.	Caliper Dia.	Stock Bore							
11	10.02	8.872	7.219	2	D200B11	B	S	3 3/4	5 1/2	5 7/8	56.2
12	10.83	9.660	8.098	2	D200B12	B	S	4 1/2	6 1/2	6 1/4	75.2
13	11.64	10.447	8.808	2	D200B13	B	S	4 3/4	7	6 3/8	91.9
14	12.46	11.235	9.673	2	D200B14	B	D	5 1/2	8	6 3/8	112.7
15	13.26	12.025	10.397	2	D200B15	B	D	5 3/4	8 1/2	6 5/8	131.5
16	14.07	12.815	11.253	2	D200B16	B	D	5 3/4	8 1/2	6 5/8	151.1
17	14.87	13.605	11.985	2	D200B17	B	D	5 3/4	8 1/2	6 5/8	168.1
18	15.68	14.397	12.835	2	D200B18	B	D	5 3/4	8 1/2	6 5/8	186.3
19	16.48	15.190	13.576	2	D200B19	B	D	5 3/4	8 1/2	6 5/8	205.8
20	17.29	15.982	14.420	2	D200B20	B	D	5 3/4	8 1/2	6 5/8	222.8
21	18.09	16.775	15.166	2	D200B21	B	D	5 3/4	8 1/2	6 5/8	248.1
22	18.89	17.567	16.005	2	D200B22	B	D	5 3/4	8 1/2	6 5/8	270.9
23	19.69	18.360	16.755	2	D200B23	B	D	5 3/4	8 1/2	6 5/8	295.0
24	20.49	19.152	17.590	2	D200B24	B	D	5 3/4	8 1/2	6 5/8	320.2
25	21.29	19.947	18.346	2	D200B25	B	D	5 3/4	8 1/2	6 5/8	349.4
26	22.09	20.740	19.178	2	D200B26	B	D	5 3/4	8 1/2	6 5/8	366.7
45	37.25	35.840	34.256	2	D200C45	C	W	7	10	8 1/2	842.1
60	49.20	47.767	46.205	2	D200C60	C	W	7	10	9	1270.7

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

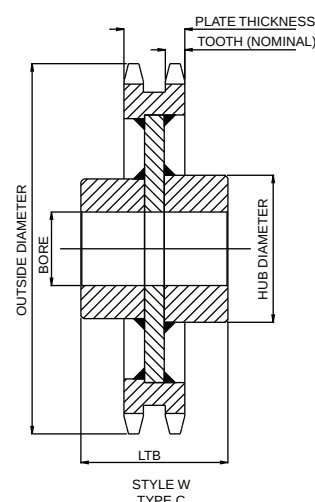
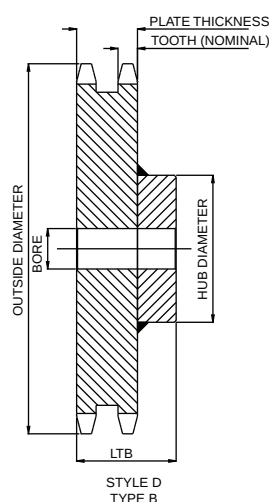
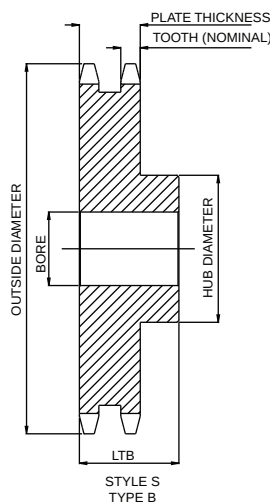
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Strand Chain	200
Size	200-2
Pitch	2.500"
Chain Inside Width	1.500"
Roller Diameter	1.562"
Nominal Tooth Width	1.344"
Plate Thickness	4.161"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



No.200 Split Taper

2 1/2" Pitch



All dimensions in inches unless otherwise stated.

Sprocket Diameters					Type C									
2½" Pitch					LTB									
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Style	Hub	LTB	Bushing (L)	OL	P	M	C	H	Weight (lbs.)
12	10.830	9.660	8.098	200R12	6	R2	4	4 7/8	5 5/32	1 1/2	1.389	2	5 3/4	35.3
13	11.643	10.447	8.808	200S13	6	S2	5 11/16	6 3/4	7 1/8	2 1/2	1.389	2 7/8	6 3/4	52.2
14	12.453	11.235	9.673	200S14	6	S2	5 11/16	6 3/4	7 1/8	2 1/2	1.389	2 7/8	6 3/4	57.5
15	13.262	12.025	10.397	200S15	6	S2	5 11/16	6 3/4	7 1/8	2 1/2	1.389	2 7/8	6 3/4	61.0
16	14.068	12.815	11.253	200S16	6	S2	5 11/16	6 3/4	7 1/8	2 1/2	1.389	2 7/8	6 3/4	71.0
17	14.874	13.605	11.985	200S17	6	S2	5 11/16	6 3/4	7 1/8	2 1/2	1.389	2 7/8	6 3/4	79.0
18	15.678	14.397	12.835	200U18	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	76.5
19	16.482	15.190	13.576	200U19	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	83.7
20	17.284	15.982	14.420	200U20	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	91.3
21	18.086	16.775	15.166	200U21	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	99.4
22	18.888	17.567	16.005	200U22	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	110.0
23	19.689	18.360	16.755	200U23	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	117.0
24	20.489	19.152	17.590	200U24	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	126.0
25	21.290	19.947	18.346	200U25	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	140.0
26	22.089	20.740	19.178	200U26	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	150.0
28	23.688	22.330	20.768	200U28	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	169.0
30	25.286	23.917	22.355	200U30	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	188.0
32	26.883	25.505	23.943	200U32	6	U0	3 3/4	5 1/4	5 23/32	2 17/32	1.389	1 5/8	8 1/2	212.0
35	29.277	27.890	26.300	200U35	6	U1	5 5/8	7 1/8	7 19/32	2 7/8	1.389	2 7/8	8 1/2	252.0
40	33.266	31.865	30.303	200U40	6	U1	5 5/8	7 1/8	7 19/32	2 7/8	1.389	2 7/8	8 1/2	306.0
45	37.252	35.840	34.256	200U45	6	U1	5 5/8	7 1/8	7 19/32	2 7/8	1.389	2 7/8	8 1/2	290.0
54	44.423	42.995	41.433	200U54	6	U2	8 5/8	10 1/8	10 19/32	3 29/32	1.389	4 1/4	8 1/2	385.0
60	49.203	47.767	46.205	200U60	6	U2	8 5/8	10 1/8	10 19/32	3 29/32	1.389	4 1/4	8 1/2	445.0

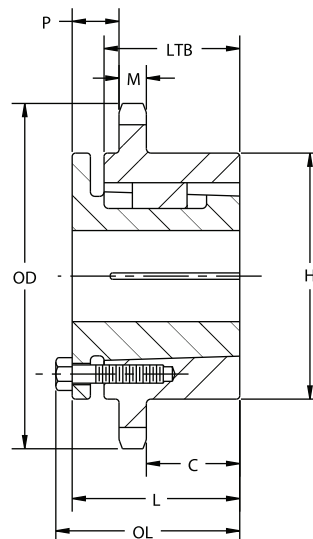
Construction may not be exactly as shown. Solid or welded construction for sprockets may be substituted. Minor envelope variations may occur. Other bushing sizes and mounting directions available. Specify bushing size and mounting direction (hub or plate side) when ordering. Refer to pages E-139 and E-140 for bushing specifications.

Dimensional Data

Single Strand Chain	200
Size	200
Pitch	2.500"
Chain Inside Width	1.500"
Roller Diameter	1.562"
Nominal Tooth Width	1.389"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



STYLE 6
TYPE C



No.240 Stock Bore

3" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
10	11.030	9.708	7.833	240A10	1 $\frac{1}{8}$	30.5	240B10	B	D	1 $\frac{1}{8}$	4 $\frac{1}{4}$	6 $\frac{1}{4}$	3 $\frac{3}{8}$	47
11	12.020	10.648	8.665	240A11	1 $\frac{3}{8}$	36.6	240B11	B	D	1 $\frac{3}{8}$	4 $\frac{3}{4}$	7	3 $\frac{11}{16}$	66
12	13.000	11.591	9.716	240A12	1 $\frac{3}{8}$	45.4	240B12	B	D	1 $\frac{3}{8}$	4 $\frac{3}{4}$	7	3 $\frac{11}{16}$	74
13	13.970	12.536	10.569	240A13	1 $\frac{3}{8}$	52.5	240B13	B	D	1 $\frac{3}{8}$	5 $\frac{3}{8}$	7 $\frac{1}{2}$	3 $\frac{7}{8}$	87
14	14.940	13.482	11.607	240A14	1 $\frac{3}{8}$	60.9	240B14	B	D	1 $\frac{3}{8}$	5 $\frac{3}{8}$	7 $\frac{1}{2}$	3 $\frac{7}{8}$	98
15	15.910	14.429	12.475	240A15	1 $\frac{3}{8}$	71.0	240B15	B	D	1 $\frac{3}{8}$	5 $\frac{3}{8}$	7 $\frac{1}{2}$	3 $\frac{7}{8}$	108
16	16.880	15.377	13.502	240A16	1 $\frac{3}{8}$	80.0	240B16	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	124
17	17.850	16.327	14.382	240A17	1 $\frac{3}{8}$	93.0	240B17	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	140
18	18.810	17.276	15.401	240A18	1 $\frac{3}{8}$	103.0	240B18	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	149
19	19.780	18.227	16.289	240A19	1 $\frac{3}{8}$	116.0	240B19	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	165
20	20.740	19.177	17.302	240A20	1 $\frac{3}{8}$	130.0	240B20	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	175
21	21.700	20.129	18.197	240A21	1 $\frac{3}{8}$	141.0	240B21	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	195
25	25.550	23.936	22.014	240A25	1 $\frac{3}{8}$	206.0	240B25	B	D	1 $\frac{3}{8}$	5 $\frac{1}{2}$	8	4 $\frac{1}{8}$	260
30	30.340	28.700	26.825	240A30	1 $\frac{3}{8}$	293.0	240C30	C	D	1 $\frac{3}{8}$	6	9	6 $\frac{1}{4}$	415
35	35.130	33.467	31.559	240A35	1 $\frac{3}{8}$	403.0	240C35	C	D	1 $\frac{3}{8}$	6	9	6 $\frac{1}{4}$	530
40	39.920	38.237	36.362	240A40	1 $\frac{3}{8}$	528.0	240C40	C	D	1 $\frac{3}{8}$	7	10	6 $\frac{3}{4}$	675
45	44.700	43.007	41.106	240A45	1 $\frac{3}{8}$	681.0	240C45	C	D	1 $\frac{3}{8}$	7	10	6 $\frac{3}{4}$	850
54	53.310	51.595	49.720	240A54	1 $\frac{3}{8}$	1012.0	240C54	C	D	1 $\frac{3}{8}$	7	10	6 $\frac{3}{4}$	1150
60	59.040	57.322	55.447	240A60	1 $\frac{3}{8}$	1261.0	240C60	C	D	1 $\frac{3}{8}$	7	10	6 $\frac{3}{4}$	1420

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

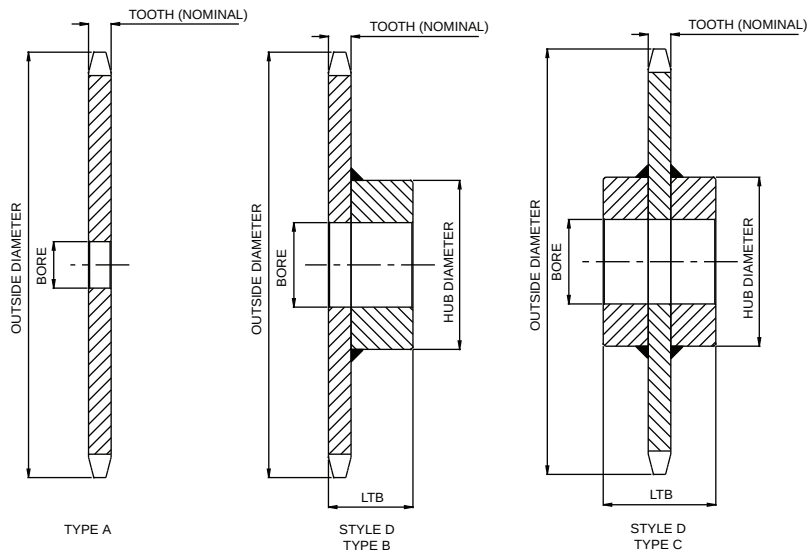
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	240
Size	240
Pitch	3.000"
Chain Inside Width	1.875"
Roller Diameter	1.875"
Nominal Tooth Width	1.738"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2040/A2040 Chain - 1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
11	2.000	1.852	1.537				2040B11	S	1/2	13/16	1 1/8 ▲	7/8	0.34
12	2.170	2.000	1.688				2040B12	S	1/2	1	1 21/32 ▲	7/8	0.44
13	2.320	2.152	1.824				2040B13	S	1/2	1	1 13/16 ▲	7/8	0.48
14	2.490	2.305	1.993				2040B14	S	1/2	1	1 13/16 ▲	7/8	0.60
15	2.640	2.458	2.133				2040B15	S	1/2	1 1/8	1 11/16	7/8	0.66
16	2.810	2.613	2.301				2040B16	S	5/8	1 3/16	1 7/8	7/8	0.76
17	2.970	2.768	2.444				2040B17	S	5/8	1 1/4	2 1/16	7/8	1.00
18	3.140	2.924	2.612				2040B18	S	5/8	1 3/8	2 3/16	7/8	1.16
19	3.290	3.080	2.757				2040B19	S	5/8	1 1/2	2 3/8	7/8	1.36
20	3.460	3.236	2.924				2040B20	S	5/8	1 3/4	2 1/2	1	1.54
21	3.610	3.392	3.070				2040B21	S	5/8	1 3/4	2 1/2	1	1.65
22	3.780	3.549	3.237				2040B22	S	5/8	1 3/4	2 1/2	1	2.00
23	3.930	3.706	3.386	2040A23	5/8	0.77	2040B23	D	5/8	1 3/4	2 1/2	1	2.16
24	4.100	3.864	3.552	2040A24	5/8	0.84	2040B24	D	5/8	1 3/4	2 1/2	1	2.25
25	4.260	4.021	3.701	2040A25	5/8	0.91	2040B25	D	5/8	1 3/4	2 1/2	1	2.30
26	4.420	4.179	3.867	2040A26	5/8	1.00	2040B26	D	5/8	1 3/4	2 1/2	1	2.40
28	4.740	4.494	4.182	2040A28	5/8	1.10	2040B28	D	5/8	1 3/4	2 1/2	1	2.55
30	5.060	4.810	4.498	2040A30	5/8	1.30	2040B30	D	5/8	1 3/4	2 1/2	1	2.74

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

▲ There is a recessed groove in the hub to allow for chain clearance.

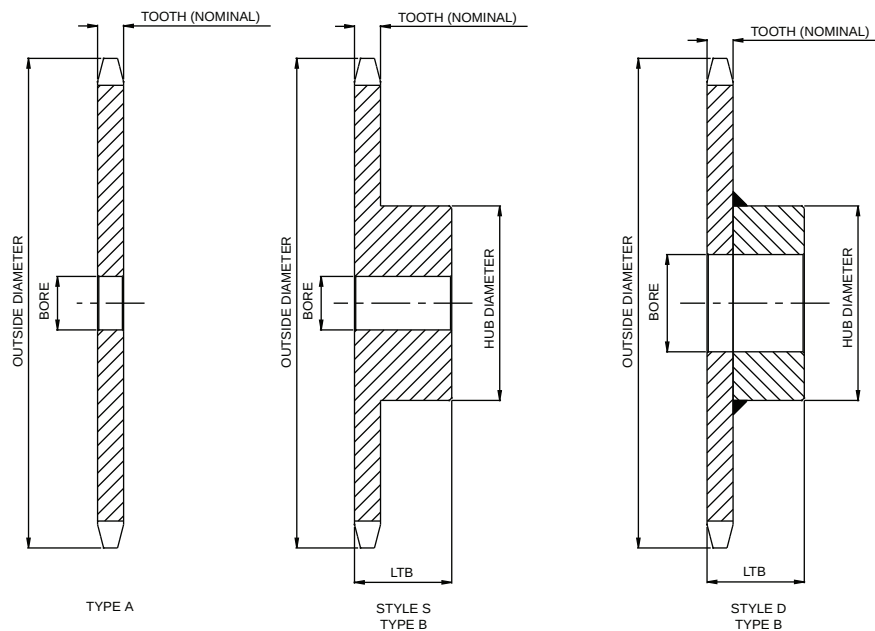
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	A2040	C2040
Size	2040	2040
Pitch	1.000"	1.000"
Chain Inside Width	0.313"	0.313"
Roller Diameter	0.313"	0.313"
Nominal Tooth Width	0.284"	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2042 Chain - 1" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	3.010	2.613	1.988				2042B8	S	5/8	1 9/32	1 7/8	7/8	0.72
9	3.350	2.924	2.255				2042B9	S	5/8	1 15/32	2 7/32	7/8	1.02
10	3.680	3.236	2.611				2042B10	S	5/8	1 3/4	2 35/64	1	1.50
11	4.010	3.549	2.888				2042B11	S	5/8	1 7/8	2 5/8	1	1.68
12	4.330	3.864	3.239				2042B12	S	5/8	2 1/4	3 1/16	1	2.22
13	4.660	4.179	3.523				2042B13	S	5/8	2 1/4	3 1/4	1	2.56
14	4.980	4.494	3.869				2042B14	S	5/8	2 1/4	3 1/4	1	2.72
15	5.310	4.810	4.158				2042B15	S	5/8	2 1/4	3 1/4	1	2.90
16	5.630	5.126	4.501	2042A16	5/8	1.3	2042B16	D	5/8	2 1/4	3 1/4	1	3.10
17	5.950	5.442	4.794	2042A17	5/8	1.6	2042B17	D	5/8	2 1/4	3 1/4	1	3.40
18	6.270	5.759	5.134	2042A18	5/8	1.8	2042B18	D	5/8	2 1/4	3 1/4	1	3.56
19	6.590	6.076	5.430	2042A19	5/8	2.0	2042B19	D	5/8	2 1/4	3 1/4	1	3.72
20	6.910	6.392	5.768	2042A20	3/4	2.4	2042B20	D	3/4	2 3/8	3 1/2	1 1/8	4.72
21	7.240	6.710	6.066	2042A21	3/4	2.6	2042B21	D	3/4	2 3/8	3 1/2	1 1/8	4.84
22	7.560	7.027	6.402	2042A22	3/4	2.8	2042B22	D	3/4	2 3/8	3 1/2	1 1/8	5.18
23	7.880	7.344	6.702	2042A23	3/4	3.1	2042B23	D	3/4	2 3/8	3 1/2	1 1/8	5.04
24	8.200	7.661	7.036	2042A24	3/4	3.2	2042B24	D	3/4	2 3/8	3 1/2	1 1/8	5.58
25	8.520	7.979	7.338	2042A25	3/4	3.5	2042B25	D	3/4	2 3/8	3 1/2	1 1/8	5.96
26	8.840	8.296	7.671	2042A26	3/4	3.7	2042B26	D	3/4	2 3/8	3 1/2	1 1/8	6.22
28	9.480	8.931	8.307	2042A28	3/4	4.7	2042B28	D	3/4	2 3/8	3 1/2	1 1/8	6.78
30	10.110	9.567	8.942	2042A30	3/4	5.0	2042B30	D	3/4	2 3/8	3 1/2	1 1/8	7.56

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

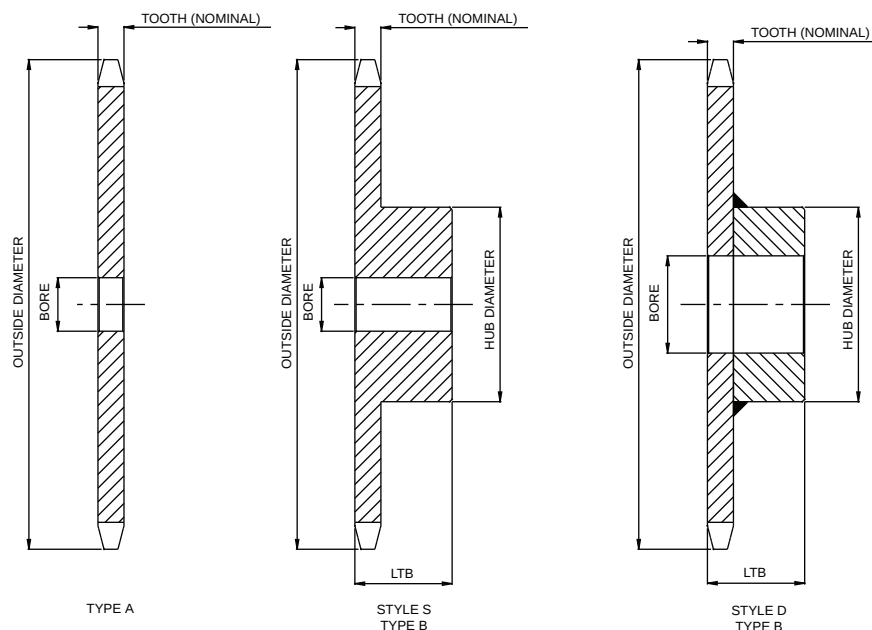
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	C2042
Size	2042
Pitch	1.000"
Chain Inside Width	0.313"
Roller Diameter	0.625"
Nominal Tooth Width	0.284"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2050/A2050 Chain - 1 1/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
11	2.500	2.315	1.912				2050B11	S	5/8	13/16	1 1/4 ▲	1	0.62
12	2.710	2.500	2.100				2050B12	S	5/8	1	1 7/8 ▲	1	0.80
13	2.900	2.690	2.270				2050B13	S	5/8	1 7/32	1 15/16 ▲	1	0.82
14	3.110	2.881	2.481				2050B14	S	5/8	1 9/32	2 ▲	1	1.00
15	3.310	3.073	2.656				2050B15	S	5/8	1 7/16	2 1/8	1	1.22
16	3.520	3.266	2.866				2050B16	S	5/8	1 19/32	2 5/16	1	1.44
17	3.710	3.460	3.046				2050B17	S	5/8	1 3/4	2 9/16	1	1.68
18	3.920	3.655	3.255				2050B18	S	5/8	1 25/32	2 3/4	1	1.94
19	4.120	3.850	3.436				2050B19	S	5/8	1 31/32	2 7/8	1	2.24
20	4.320	4.045	3.645				2050B20	S	5/8	2	3	1	2.30
21	4.520	4.241	3.829	2050A21	3/4	1.2	2050B21	D	3/4	2	3	1 1/4	2.40
22	4.720	4.437	4.037	2050A22	3/4	1.3	2050B22	D	3/4	2	3	1 1/4	2.54
23	4.920	4.633	4.222	2050A23	3/4	1.4	2050B23	D	3/4	2	3	1 1/4	2.66
24	5.120	4.830	4.430	2050A24	3/4	1.6	2050B24	D	3/4	2	3	1 1/4	3.30
25	5.320	5.026	4.616	2050A25	3/4	1.7	2050B25	D	3/4	2	3	1 1/4	3.42
26	5.520	5.223	4.823	2050A26	3/4	1.8	2050B26	D	3/4	2	3	1 1/4	3.62
28	5.920	5.617	5.217	2050A28	3/4	2.1	2050B28	D	3/4	2	3	1 1/4	3.78
30	6.320	6.012	5.612	2050A30	3/4	2.5	2050B30	D	3/4	2	3	1 1/4	4.58

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

▲ There is a recessed groove in the hub to allow for chain clearance.

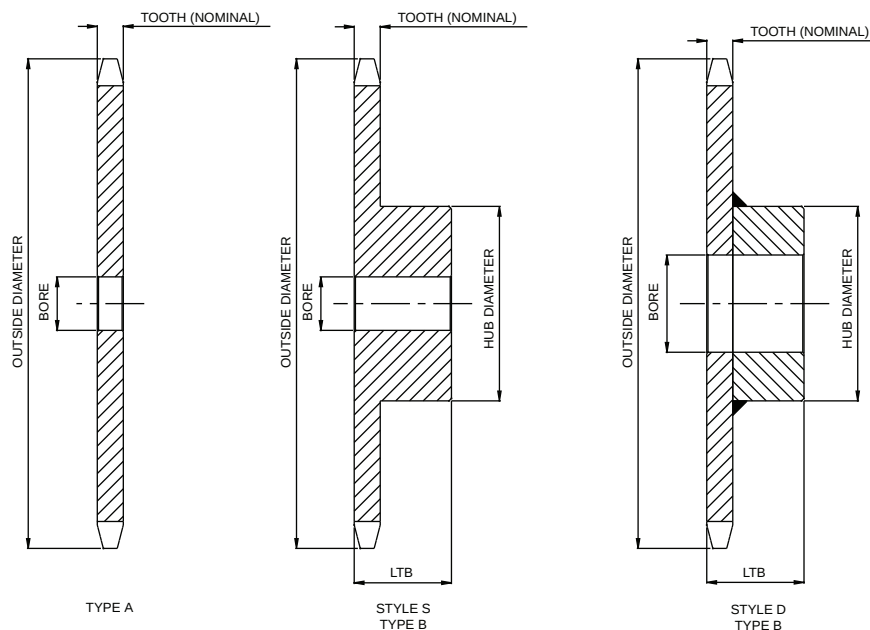
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	A2050	C2050
Size	2050	2050
Pitch	1.250"	1.250"
Chain Inside Width	0.375"	0.375"
Roller Diameter	0.400"	0.400"
Nominal Tooth Width	0.343"	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2052 Chain - 1 1/4" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	3.770	3.266	2.516				2052B8	S	5/8	1 19/32	2 23/64	1	1.38
9	4.180	3.655	2.850				2052B9	S	5/8	1 25/32	2 15/32	1	1.92
10	4.600	4.045	3.295				2052B10	S	5/8	2	3	1	2.30
11	5.010	4.437	3.642				2052B11	S	5/8	2	3	1	2.54
12	5.420	4.830	4.080	2052A12	3/4	1.6	2052B12	D	3/4	2	3	1 1/4	3.20
13	5.820	5.223	4.435	2052A13	3/4	1.8	2052B13	D	3/4	2	3	1 1/4	3.48
14	6.230	5.617	4.867	2052A14	3/4	2.3	2052B14	D	3/4	2	3	1 1/4	3.88
15	6.630	6.012	5.229	2052A15	3/4	2.4	2052B15	D	3/4	2 1/4	3 1/4	1 1/4	4.46
16	7.030	6.407	5.657	2052A16	3/4	2.8	2052B16	D	3/4	2 1/4	3 1/4	1 1/4	4.80
17	7.440	6.803	6.024	2052A17	3/4	3.3	2052B17	D	3/4	2 1/4	3 1/4	1 1/4	5.34
18	7.840	7.198	6.448	2052A18	3/4	3.6	2052B18	D	3/4	2 1/4	3 1/4	1 1/4	5.64
19	8.240	7.595	6.819	2052A19	3/4	4.1	2052B19	D	3/4	2 1/4	3 1/4	1 1/4	6.04
20	8.640	7.991	7.241	2052A20	3/4	4.7	2052B20	D	3/4	2 1/4	3 1/4	1 1/4	6.48
21	9.040	8.387	7.614	2052A21	3/4	5.0	2052B21	D	3/4	2 1/4	3 1/4	1 1/4	7.00
22	9.440	8.783	8.033	2052A22	3/4	5.2	2052B22	D	3/4	2 1/4	3 1/4	1 1/4	7.30
23	9.840	9.180	8.409	2052A23	1	5.7	2052B23	D	1	2 3/4	3 3/4	1 1/4	8.66
24	10.250	9.577	8.827	2052A24	1	6.7	2052B24	D	1	2 3/4	3 3/4	1 1/4	9.32
25	10.650	9.973	9.204	2052A25	1	7.5	2052B25	D	1	2 3/4	3 3/4	1 1/4	10.30
26	11.050	10.370	9.620	2052A26	1	8.2	2052B26	D	1	2 3/4	3 3/4	1 1/4	11.00
28	11.840	11.164	10.414	2052A28	1	8.7	2052B28	D	1	2 3/4	3 3/4	1 1/4	11.70
30	12.640	11.958	11.208	2052A30	1	9.8	2052B30	D	1	2 3/4	3 3/4	1 1/4	12.90

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

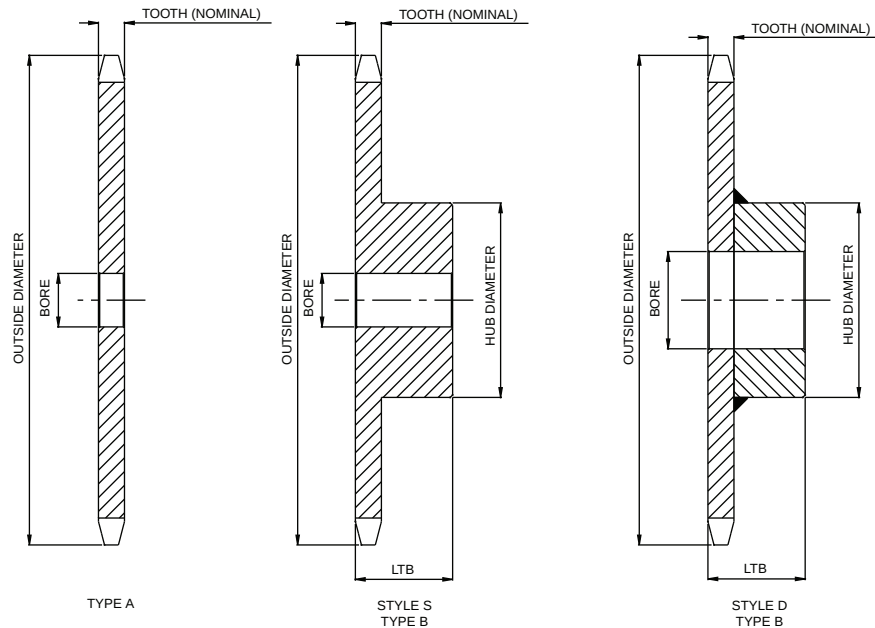
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	C2052
Size	2052
Pitch	1.250"
Chain Inside Width	0.375"
Roller Diameter	0.750"
Nominal Tooth Width	0.343"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2060/A2060 Chain - 1 1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
11	3.000	2.773	2.276				2060B11	S	3/4	1	2 1/16 ▲	1 1/4	1.14
12	3.250	3.000	2.531				2060B12	S	3/4	1 3/8	2 1/4 ▲	1 1/4	1.46
13	3.480	3.228	2.735				2060B13	S	3/4	1 7/16	2 5/16 ▲	1 1/4	1.52
14	3.740	3.457	2.988				2060B14	S	3/4	1 5/8	2 1/2 ▲	1 1/4	1.86
15	3.960	3.688	3.199				2060B15	S	3/4	1 3/4	2 1/2	1 1/4	2.24
16	4.220	3.920	3.451				2060B16	S	3/4	1 7/8	2 3/4	1 1/4	2.64
17	4.450	4.152	3.666				2060B17	S	3/4	2 3/32	3 3/32	1 1/4	3.08
18	4.700	4.386	3.917				2060B18	S	3/4	2 1/4	3 1/4	1 1/4	3.56
19	4.940	4.620	4.135	2060A19	3/4	2.1	2060B19	D	3/4	2 1/4	3 1/4	1 1/2	3.94
20	5.190	4.854	4.385	2060A20	3/4	2.4	2060B20	D	3/4	2 1/4	3 1/4	1 1/2	4.50
21	5.420	5.089	4.606	2060A21	3/4	2.5	2060B21	D	3/4	2 1/4	3 1/4	1 1/2	5.02
22	5.670	5.324	4.855	2060A22	3/4	2.7	2060B22	D	3/4	2 1/4	3 1/4	1 1/2	5.26
23	5.900	5.560	5.077	2060A23	3/4	3.0	2060B23	D	3/4	2 1/4	3 1/4	1 1/2	5.54
24	6.150	5.796	5.327	2060A24	3/4	3.2	2060B24	D	3/4	2 1/4	3 1/4	1 1/2	5.90
25	6.380	6.032	5.551	2060A25	3/4	3.3	2060B25	D	3/4	2 1/4	3 1/4	1 1/2	6.08
26	6.630	6.268	5.799	2060A26	3/4	3.5	2060B26	D	3/4	2 1/4	3 1/4	1 1/2	6.36
28	7.110	6.741	6.272	2060A28	3/4	4.0	2060B28	D	3/4	2 1/4	3 1/4	1 1/2	7.02
30	7.590	7.215	6.746	2060A30	3/4	4.7	2060B30	D	3/4	2 1/4	3 1/4	1 1/2	7.54

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

▲ There is a recessed groove in the hub to allow for chain clearance.

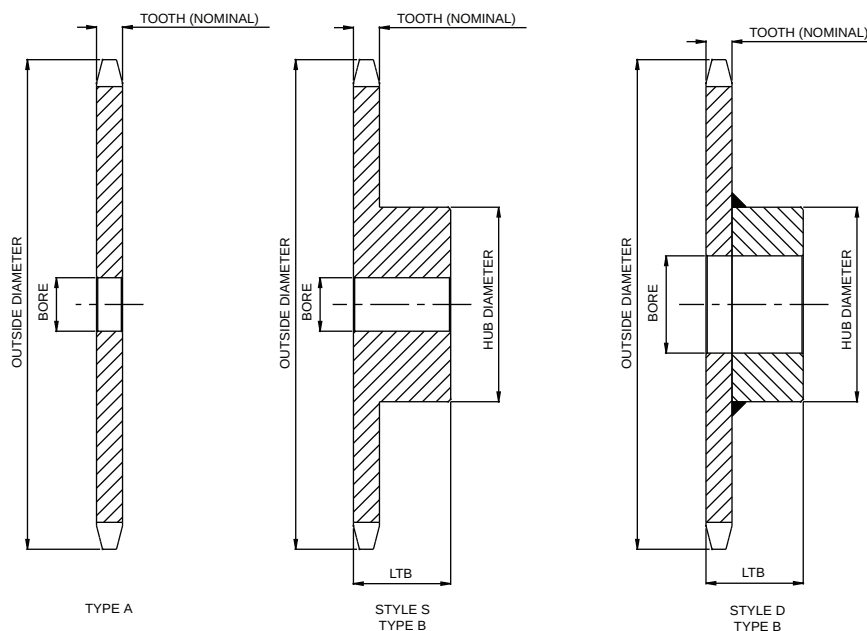
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	A2060	C2060
Size	2060	2060
Pitch	1.500"	1.500"
Chain Inside Width	0.500"	0.500"
Roller Diameter	0.469"	0.469"
Nominal Tooth Width	0.459"	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2062 Chain - 1 1/2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	4.520	3.920	3.045				2062B8	S	3/4	1 ²⁷ / ₃₂	2 ²⁷ / ₃₂	1 1/4	2.60
9	5.020	4.386	3.444				2062B9	S	3/4	2 ⁹ / ₃₂	3 ¹¹ / ₃₂	1 1/4	3.48
10	5.520	4.584	3.979				2062B10	S	3/4	2 ⁹ / ₁₆	3 ⁵³ / ₆₄	1 1/4	4.54
11	6.010	5.324	4.395				2062B11	S	3/4	2 3/4	4	1 1/4	5.20
12	6.500	5.796	4.921	2062A12	3/4	3.0	2062B12	D	3/4	2 3/4	4	1 1/2	5.70
13	6.990	6.268	5.347	2062A13	3/4	3.6	2062B13	D	3/4	2 3/4	4	1 1/2	6.28
14	7.470	6.741	5.866	2062A14	3/4	4.0	2062B14	D	3/4	2 3/4	4	1 1/2	6.82
15	7.960	7.215	6.300	2062A15	3/4	4.7	2062B15	D	3/4	2 3/4	4	1 1/2	7.48
16	8.440	7.689	6.814	2062A16	3/4	5.7	2062B16	D	3/4	2 3/4	4	1 1/2	8.18
17	8.920	8.163	7.253	2062A17	3/4	6.1	2062B17	D	3/4	2 3/4	4	1 1/2	8.82
18	9.410	8.638	7.763	2062A18	3/4	7.0	2062B18	D	3/4	2 3/4	4	1 1/2	9.36
19	9.890	9.113	8.207	2062A19	1	8.0	2062B19	D	1	2 3/4	4 1/4	1 1/2	11.10
20	10.370	9.589	8.714	2062A20	1	8.5	2062B20	D	1	2 3/4	4 1/4	1 1/2	11.66
21	10.850	10.064	9.161	2062A21	1	8.9	2062B21	D	1	2 3/4	4 1/4	1 1/2	13.24
22	11.330	10.540	9.665	2062A22	1	10.7	2062B22	D	1	2 3/4	4 1/4	1 1/2	13.78
23	11.810	11.016	10.115	2062A23	1	11.6	2062B23	D	1	2 3/4	4 1/4	1 1/2	14.90
24	12.290	11.492	10.617	2062A24	1	12.6	2062B24	D	1	2 3/4	4 1/4	1 1/2	15.66
25	12.770	11.968	11.070	2062A25	1	13.8	2062B25	D	1	2 3/4	4 1/4	1 1/2	16.80
26	13.250	12.444	11.569	2062A26	1	15.0	2062B26	D	1	2 3/4	4 1/4	1 1/2	20.20
28	14.210	13.397	12.522	2062A28	1	17.3	2062B28	D	1	2 3/4	4 1/4	1 1/2	21.86
30	15.170	14.350	13.475	2062A30	1	19.5	2062B30	D	1	2 3/4	4 1/4	1 1/2	26.00

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

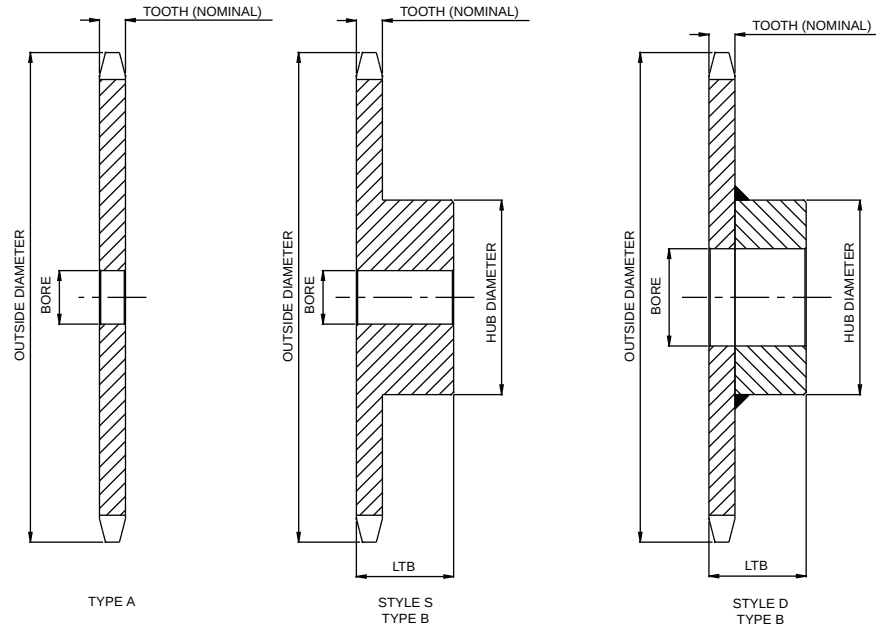
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	C2062
Size	2062
Pitch	1.500"
Chain Inside Width	0.500"
Roller Diameter	0.875"
Nominal Tooth Width	0.459"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2080/A2080 Chain - 2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
11	4.01	3.694	3.074				2080B11	S	1	1½	2⅜	1⅜	2.5
12	4.33	4.000	3.375				2080B12	S	1	1¾	3	1⅜	3.2
13	4.64	4.304	3.647				2080B13	S	1	1⅞	3⅜	1⅜	3.3
14	4.98	4.610	3.985				2080B14	S	1	2⅛	3⅝	1⅜	4.0
15	5.29	4.917	4.265				2080B15	S	1	2⅜	3⅞	1⅝	4.8
16	5.63	5.226	4.601	2080A16	1	3.1	2080B16	D	1	2¼	3¼	1⅝	5.7
17	5.94	5.536	4.888	2080A17	1	3.5	2080B17	D	1	2¼	3¼	1⅝	6.4
18	6.27	5.848	5.223	2080A18	1	4.0	2080B18	D	1	2¼	3¼	1⅝	7.4
19	6.58	6.160	5.513	2080A19	1	4.4	2080B19	D	1	2¾	4	1⅝	7.7
20	6.91	6.472	5.845	2080A20	1	4.4	2080B20	D	1	2¾	4	1⅝	8.3
21	7.23	6.785	6.141	2080A21	1	5.0	2080B21	D	1	2¾	4	1⅝	9.4
22	7.56	7.099	6.474	2080A22	1	5.6	2080B22	D	1	2¾	4	1⅝	10.0
23	7.87	7.413	6.770	2080A23	1	6.2	2080B23	D	1	2¾	4	1⅝	10.5
24	8.20	7.727	7.102	2080A24	1	6.6	2080B24	D	1	2¾	4	1⅝	11.1
25	8.51	8.042	7.401	2080A25	1	7.0	2080B25	D	1	2¾	4	1⅝	12.0
26	8.84	8.357	7.732	2080A26	1⅝	7.9	2080B26	D	1⅝	3¼	4¾	1⅞	14.8
28	9.48	8.988	8.363	2080A28	1⅝	9.0	2080B28	D	1⅝	3¼	4¾	1⅞	16.6
30	10.11	9.620	8.995	2080A30	1⅝	10.6	2080B30	D	1⅝	3¼	4¾	1⅞	17.8

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

▲ There is a recessed groove in the hub to allow for chain clearance.

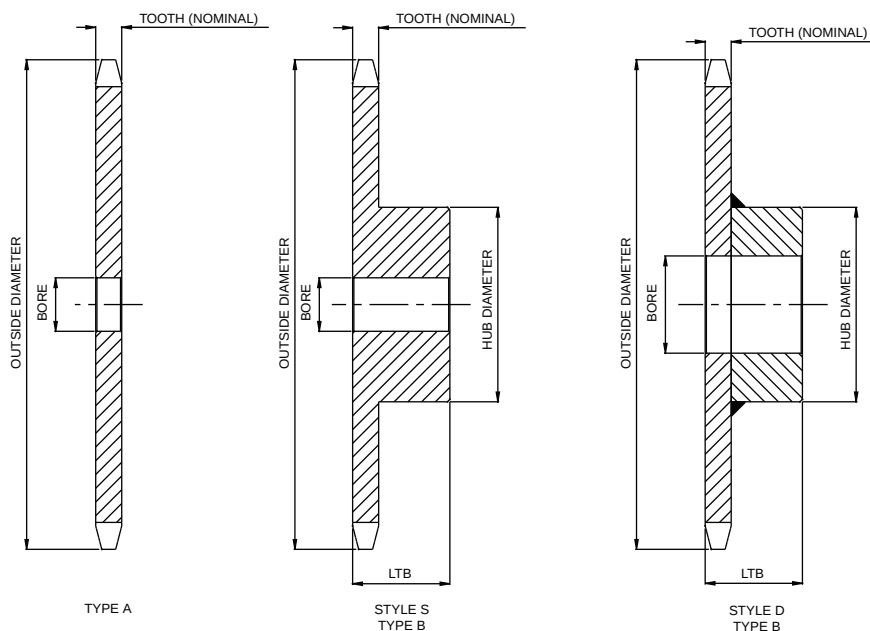
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain	A2080	C2080
Size	2080	2080
Pitch	2.000"	2.000"
Chain Inside Width	0.625"	0.625"
Roller Diameter	0.625"	0.625"
Nominal Tooth Width	0.575"	0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





Double Pitch Sprocket for C2082 Chain - 2" Pitch

All dimensions in inches unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (lbs.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (lbs.)
8	6.03	5.226	4.101				2082B8	S	1	2 ¹⁷ / ₃₂	3 ⁵¹ / ₆₄	1 ³ / ₄	6.4
9	6.70	5.848	4.634				2082B9	S	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	8.2
10	7.36	6.472	5.347				2082B10	S	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	9.2
11	8.01	7.099	5.902	2082A11	1	5.7	2082B11	D	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	10.1
12	8.66	7.727	6.602	2082A12	1	6.8	2082B12	D	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	11.2
13	9.32	8.357	7.171	2082A13	1 ³ / ₈	7.7	2082B13	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	15.0
14	9.96	8.988	7.863	2082A14	1 ³ / ₈	9.1	2082B14	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	15.8
15	10.61	9.620	8.442	2082A15	1 ³ / ₈	10.7	2082B15	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	17.8
16	11.26	10.252	9.127	2082A16	1 ³ / ₈	12.4	2082B16	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	19.3
17	11.90	10.885	9.713	2082A17	1 ³ / ₈	14.1	2082B17	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	21.4
18	12.54	11.518	10.393	2082A18	1 ³ / ₈	15.4	2082B18	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	22.9
19	13.19	12.151	10.985	2082A19	1 ³ / ₈	18.0	2082B19	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	24.4
20	13.83	12.785	11.660	2082A20	1 ³ / ₈	19.2	2082B20	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	26.7
21	14.47	13.419	12.256	2082A21	1 ³ / ₈	20.8	2082B21	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	28.4
22	15.11	14.053	12.928	2082A22	1 ³ / ₈	23.7	2082B22	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	39.6
23	15.75	14.688	13.528	2082A23	1 ³ / ₈	24.9	2082B23	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	32.2
24	16.39	15.323	14.198	2082A24	1 ³ / ₈	27.6	2082B24	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	34.9
25	17.03	15.958	14.801	2082A25	1 ³ / ₈	30.2	2082B25	D	1 ³ / ₈	3 ¹ / ₄	4 ³ / ₄	1 ⁷ / ₈	37.8
26	17.67	16.593	15.468	2082A26	1 ³ / ₈	32.8	2082B26	D	1 ³ / ₈	3 ¹ / ₂	5 ¹ / ₄	2	41.5
28	18.95	17.863	16.738	2082A28	1 ³ / ₈	38.6	2082B28	D	1 ³ / ₈	3 ¹ / ₂	5 ¹ / ₄	2	47.7
30	20.23	19.134	18.009	2082A30	1 ³ / ₈	43.8	2082B30	D	1 ³ / ₈	3 ¹ / ₂	5 ¹ / ₄	2	54.5

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

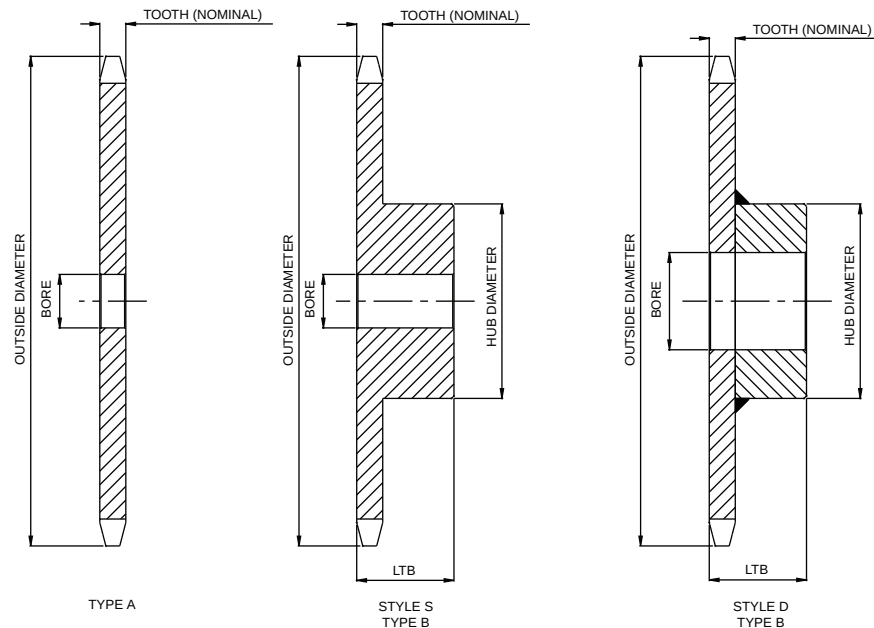
* Hub diameter may vary to suit bore size.

Dimensional Data

Double Pitch Chain **C2082**
Size 2082
Pitch 2.000"
Chain Inside Width 0.625"
Roller Diameter 1.125"
Nominal Tooth Width 0.575"



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



An Introduction to Tsubaki Idler Sprockets



Tsubaki offers a variety of different types of idler sprockets to fit a variety of applications, including the following standard types:

- Ball Bearing Idlers
- Needle Bearing Idlers
- Bronze Bushed Idlers (Oilite, Bronze, Brass)
- Non-Metallic Idlers (Nylon/Nyloil, Derlin and other bushed idlers using custom materials)
- Set Screw Locking Type Idlers

Tsubaki can offer idler sprockets for use with Roller Chain or Engineering Class Chain. Large or small, Tsubaki can supply almost any idler sprocket, including custom make-to-order. Tsubaki uses only quality bearing units when creating the idler sprockets.

Adjustable Idler Sprockets Are Used To:

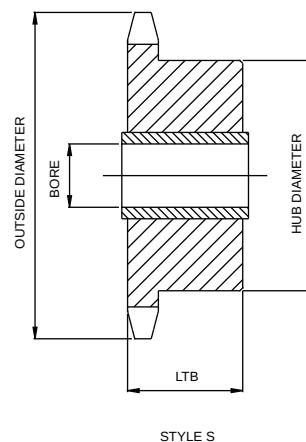
- Obtain proper chain tension when neither driving nor driven shaft is adjustable.
- Guide chain around an obstruction.
- Prevent whipping action in the slack span of chain transmitting an uneven load.
- Bring about greater chain wrap around a small sprocket, particularly if it is the lower sprocket in a vertical drive.
- Take up slack chain caused by normal chain wear.
- Provide for reversed direction of rotation of a sprocket in contact with the outside of the chain.

Idler sprockets should not rotate at greater speeds than are allowable for drive sprockets of the same size. They should be mounted in contact with the “slack” span of chain, whenever possible. Mount them on the outside of the chain when the arc of chain wrap on the smaller sprocket would otherwise be less than 120°. It is advisable that idler sprockets have at least three teeth in mesh with the chain. Inside mounted idlers usually account for quieter operation, especially if centers are short and speed is moderately high.

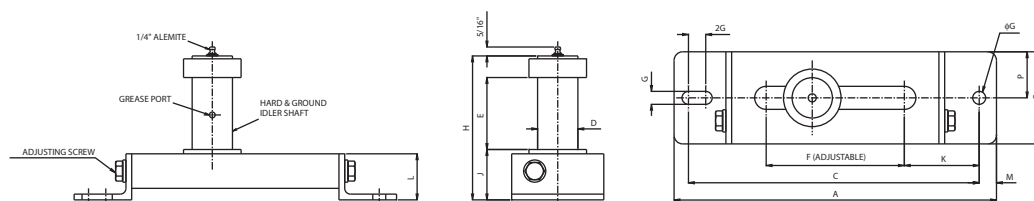
Bronze Bushed Sprocket Idlers For Use With All Steel Tighteners

All dimensions in inches unless otherwise stated.

No. of Teeth	Outside Diameter	Catalogue Number	Suggested Tightener	Chain Number	Hub Diameter	LTB	Bushed Bore Diameter	Weight (lbs.)
15	1.990	35B15T	0	35	1 ³ / ₈	1 ⁵ / ₁₆	1/2	.32
13	2.329	41B13T	0	41	1 ⁹ / ₁₆	1 ⁵ / ₁₆	1/2	.52
13	2.329	40B13T	0	40	1 ⁹ / ₁₆	1 ⁵ / ₁₆	1/2	.52
13	2.911	50B13T	0	50	2	1 ⁵ / ₁₆	1/2	.97
21	2.713	35B21T	1	35	2 ¹ / ₈	1 ¹ / ₁₆	7/8	.82
19	3.296	41B19T	1	41	2 ⁷ / ₁₆	1 ¹ / ₁₆	7/8	1.30
19	3.296	40B19T	1	40	2 ⁷ / ₁₆	1 ¹ / ₁₆	7/8	1.50
17	3.719	50B17T	1	50	2 ⁵ / ₈	1 ¹ / ₁₆	7/8	1.80
15	3.979	60B15T	1	60	2 ¹¹ / ₁₆	1 ¹ / ₁₆	7/8	2.50
17	4.462	60B17T	2	60	2 ⁷ / ₈	1 ⁹ / ₁₆	1 ¹ / ₈	3.30
15	5.305	80B15T	2	80	3 ¹ / ₂	1 ⁹ / ₁₆	1 ¹ / ₈	5.60
13	5.821	100B13T	2	100	4	1 ⁹ / ₁₆	1 ¹ / ₈	5.70
13	6.986	120B13T	2	120	4 ¹ / ₂	1 ⁹ / ₁₆	1 ¹ / ₈	13.00
15	9.283	140B15T	3	140	5 ³ / ₄	2 ¹ / ₂	1 ³ / ₄	27.30
13	9.318	160B13T	3	160	5 ³ / ₄	2 ¹ / ₂	1 ³ / ₄	26.40
13	11.642	200B13T	3	200	5 ³ / ₄	2 ¹ / ₂	1 ³ / ₄	58.00



NOTE: Idlers other than stock furnished on a made-to-order basis.
Idler rpm should not exceed 2500 and radial loading should be less than 50 pounds.



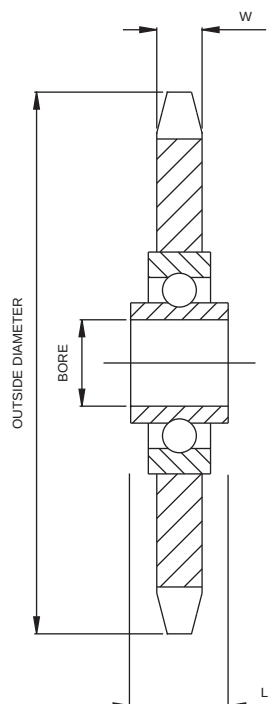
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Chain Tensioners

All dimensions in inches unless otherwise stated.

Size	A	B	C	D	E	F	G	2G	H	J	K	L	M	P	Weight (lbs.)	*Suggested Chain
#0-B	5 ⁷ / ₈	1 ¹ / ₂	5 ¹ / ₄	.500	1	2 ¹ / ₂	9 ³ / ₃₂	3/8	2 ¹³ / ₁₆	1 ¹ / ₁₆	1 ³ / ₈	1 ¹ / ₄	3/8	3/4	1.0	#35,40,41
#1-B	9	2	8 ¹ / ₈	.875	1 ³ / ₄	4 ¹ / ₂	1 ¹ / ₃₂	1/2	4	1 ⁵ / ₈	1 ³ / ₄	1 ¹ / ₂	1/2	1	2.5	#40,50,60
#2-B	13	3	11 ⁷ / ₈	1.125	2 ⁷ / ₈	6	9 ¹ / ₁₆	3/4	5 ¹¹ / ₁₆	2 ⁵ / ₃₂	2 ⁷ / ₈	2	5/8	1 ¹ / ₂	6.0	#80,100,120
#3-B	14	4	12 ⁵ / ₈	1.750	3 ³ / ₈	6	9 ¹ / ₁₆	3/4	6 ¹ / ₄	2 ³ / ₁₆	3 ¹ / ₄	2	3/4	2	12.0	#140,160,200

* Single-strand chain. For multiple-strand chain, use larger tensioner.



High Speed Idler Hardened Tooth Sprockets

All dimensions in inches unless otherwise stated.

No. of Teeth	Catalogue Number	Chain Size	Outside Diameter	Bore	L	W	Weight (lbs.)
20	35BB20H	35	2.60	.638	.72	.168	0.38
17	40BB17H	40	2.97	.638	.72	.284	0.52
18	40BB18H	40	3.14	.638	.72	.284	0.53
15	50BB15H	50	3.32	.638	.72	.343	0.75
17	50BB17H	50	3.72	.638	.72	.343	0.78
13	60BB13H	60	3.51	.638	.72	.459	0.76
15	60BB15H	60	3.98	.638	.72	.459	1.06
12	80BB12H	80	4.36	.750	.61	.575	1.50

NOTE: Idlers other than stock furnished on a made-to-order basis.
Idler rpm should not exceed 2500 and radial loading should be less than 50 pounds.

Radial Load Capacity at Various Speeds (Outer Race Rotating)

All values in pounds.

Description	R.P.M.	50	100	300	500	750	1000	1200	1500	1800	2400	2600	3000	3600	4000	4500	5000
35BB20-60BB13		650	515	357	300	265	240	225	208	195	179	173	155	156	151	143	140
80BB12		1630	1290	895	755	665	600	565	523	493	447	434	415	-	-	-	-

Ratings shown above are based on an average bearing life of 2500 hours.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	3/8" Pitch Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Style	Weight (kg.)
8	28.7	24.9	18.5				H06BB8	8	9	13	22	S	0.03
9	31.9	27.9	21.5				H06BB9	8	11	16	22	S	0.04
10	35.0	30.8	24.5				H06BB10	8	12	20	22	S	0.06
11	38.2	33.8	27.5				H06BB11	8	14	23	25	S	0.09
12	41.3	36.8	30.5				H06BB12	8	16	26	25	S	0.10
13	44.4	39.8	33.5				H06BB13	10	18	29	25	S	0.11
14	47.4	42.8	36.5				H06BB14	10	16	31	25	S	0.12
15	50.5	45.8	39.5	H06BA15	8	0.07	H06BB15	10	20	34	25	S	0.14
16	53.6	48.8	42.5	H06BA16	10	0.08	H06BB16	10	22	37	25	S	0.18
17	56.7	51.8	45.5	H06BA17	10	0.18	H06BB17	10	25	40	28	S	0.20
18	59.7	54.9	48.5	H06BA18	10	0.11	H06BB18	10	25	43	28	S	0.23
19	62.8	57.9	51.5	H06BA19	10	0.12	H06BB19	10	28	46	28	S	0.25
20	65.9	60.9	54.5	H06BA20	10	0.13	H06BB20	10	30	49	28	S	0.31
21	68.9	63.9	57.6	H06BA21	10	0.14	H06BB21	12	30	50	28	S	0.36
22	72.0	66.9	60.6	H06BA22	10	0.15	H06BB22	12	32	51	28	S	0.37
23	75.0	70.0	63.6	H06BA23	10	0.17	H06BB23	12	32	52	28	S	0.39
24	78.1	73.0	66.7	H06BA24	10	0.19	H06BB24	12	32	54	28	S	0.40
25	81.1	76.0	69.7	H06BA25	10	0.20	H06BB25	12	35	57	28	S	0.41
26	84.2	79.0	72.7	H06BA26	10	0.21	H06BB26	12	38	60	28	S	0.42
27	87.2	82.1	75.7	H06BA27	10	0.22	H06BB27	12	38	60	28	S	0.44
28	90.3	85.1	78.7	H06BA28	10	0.23	H06BB28	12	38	60	28	S	0.45
29	93.3	88.1	81.8	H06BA29	10	0.25	H06BB29	12	38	60	28	S	0.47
30	97.0	91.1	84.8	H06BA30	10	0.27	H06BB30	12	38	60	30	S	0.48

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

* Hub diameter may vary to suit bore size.

Dimensional Data

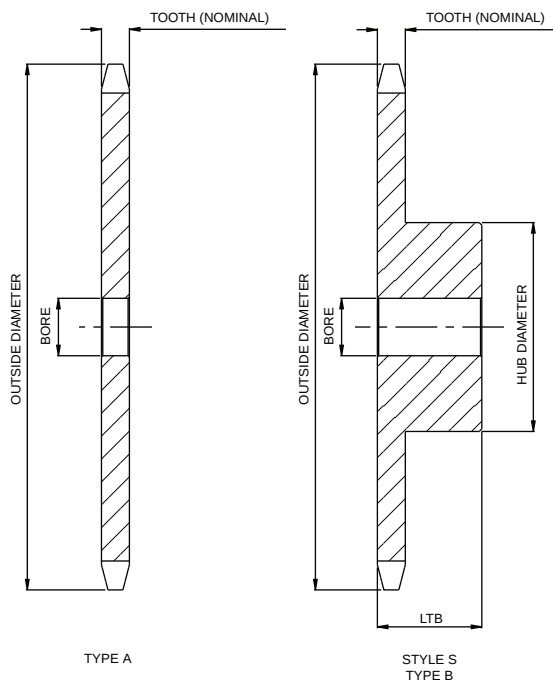
Single Strand Chain	06B	06B
Size	06B	06B
Pitch	0.375"	9.5mm
Inside Width	0.225"	5.7mm
Roller Diameter	0.250"	6.4mm
Nominal Tooth Width	0.205"	5.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
32	102.4	97.2	96.8	06BA32	12	0.20	06BB32	S	14	40	65	30	0.56
35	111.6	106.3	99.9	06BA35	12	0.27	06BB35	S	14	40	65	30	0.68
36	114.6	109.3	102.9	06BA36	12	0.28	06BB36	S	16	45	70	30	0.71
38	120.7	115.4	109.0	06BA38	14	0.43	06BB38	S	16	45	70	30	0.77
40	126.7	121.4	115.1	06BA40	14	0.45	06BB40	S	16	45	70	30	0.81
42	132.8	127.5	121.1	06BA42	14	0.48	06BB42	S	16	45	70	30	0.85
45	141.9	136.6	130.2	06BA45	14	0.51	06BB45	S	16	45	75	30	0.91
48	151.0	145.6	139.3	06BA48	14	0.54	06BB48	S	16	45	75	30	0.97
54	169.3	163.8	157.4	06BA54	14	0.61	06BB54	S	16	45	75	30	1.09
57	178.4	172.9	166.6	06BA57	18	0.86	06BB57	S	19	45	75	30	1.27
60	187.4	182.0	175.6	06BA60	18	0.91	06BB60	E	19	45	75	30	1.34
64	199.6	194.1	187.8	06BA64	18	0.97	06BB64	E	19	45	75	30	1.43
70	217.8	212.3	206.0	06BA70	18	1.06	06BB70	E	19	45	75	30	1.56
72	223.9	218.4	212.0	06BA72	18	1.09	06BB72	E	19	45	75	30	1.60
76	236.0	230.5	224.1	06BA76	18	1.45	06BB76	E	19	45	75	30	1.91
80	248.1	242.6	236.3	06BA80	18	1.53	06BB80	E	19	45	75	30	2.01
84	260.3	254.7	248.4	06BA84	18	1.60	06BB84	E	19	45	75	30	2.11
90	278.5	272.9	266.6	06BA90	18	1.72	06BB90	E	19	52	75	30	2.26
95	293.6	288.1	281.7	06BA95	18	2.18	06BB95	E	19	52	75	30	2.61
96	296.7	291.1	284.7	06BA96	18	2.20	06BB96	E	19	52	75	30	2.64
114	351.3	345.7	339.3	06BA114	18	3.13	06BB114	E	19	52	75	30	3.63

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

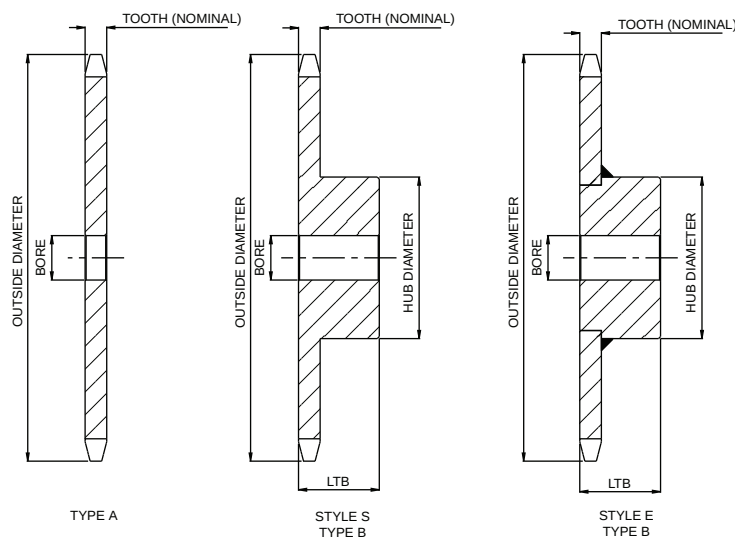
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	06B	06B
Size	06B	06B
Pitch	0.375"	9.5mm
Inside Width	0.225"	5.7mm
Roller Diameter	0.250"	6.4mm
Nominal Tooth Width	0.205"	5.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	1/2" Pitch			Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
9	42.5	37.1	28.6				H08BB9	S	10	15	21	25	0.14
10	46.7	41.1	32.6				H08BB10	S	10	20	26	25	0.15
11	50.8	45.1	36.6				H08BB11	S	10	22	30	25	0.17
12	55.0	49.1	40.6	H08BA12	10	0.08	H08BB12	S	10	22	34	28	0.24
13	59.2	53.1	44.6	H08BA13	10	0.10	H08BB13	S	10	25	38	28	0.25
14	63.3	57.1	48.6	H08BA14	10	0.12	H08BB14	S	10	28	42	28	0.31
15	67.4	61.1	52.6	H08BA15	10	0.14	H08BB15	S	10	30	46	28	0.33
16	71.5	65.1	56.6	H08BA16	10	0.15	H08BB16	S	12	32	50	28	0.37
17	75.6	69.1	60.6	H08BA17	10	0.16	H08BB17	S	12	35	54	28	0.51
18	79.6	73.1	64.6	H08BA18	10	0.20	H08BB18	S	12	38	57	28	0.54
19	83.7	77.2	68.7	H08BA19	10	0.21	H08BB19	S	12	40	64	28	0.65
20	87.8	81.2	72.7	H08BA20	10	0.25	H08BB20	S	12	42	67	28	0.76
21	91.9	85.2	76.7	H08BA21	12	0.26	H08BB21	S	12	45	70	28	0.82
22	96.0	89.2	80.7	H08BA22	12	0.30	H08BB22	E	12	48	73	28	0.88
23	100.0	93.3	84.7	H08BA23	12	0.33	H08BB23	E	12	51	78	28	1.05
24	104.1	97.3	88.8	H08BA24	12	0.37	H08BB24	E	14	53	82	28	1.05
25	108.2	101.3	92.8	H08BA25	12	0.40	H08BB25	E	14	53	82	28	1.13
26	112.2	105.4	96.9	H08BA26	16	0.43	H08BB26	E	16	53	82	30	1.15
27	116.3	109.4	100.9	H08BA27	16	0.44	H08BB27	E	16	53	82	30	1.19
28	120.3	113.4	104.9	H08BA28	16	0.50	H08BB28	E	16	53	82	30	1.30
29	124.4	117.5	109.0	H08BA29	16	0.55	H08BB29	E	16	53	82	30	1.33
30	128.5	121.5	113.0	H08BA30	15	0.57	H08BB30	E	16	53	89	30	1.36

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

* Hub diameter may vary to suit bore size.

Dimensional Data

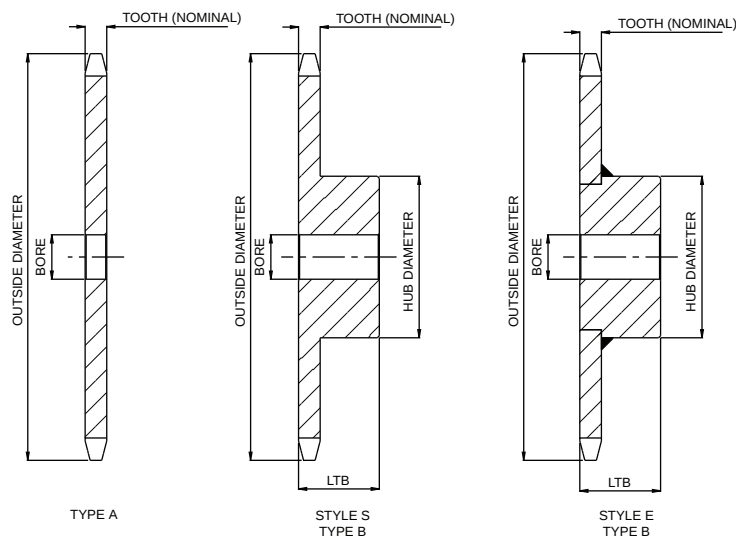
Single Strand Chain	08B	08B
Size	08B	08B
Pitch	0.500"	12.7mm
Inside Width	0.305"	7.8mm
Roller Diameter	0.335"	8.5mm
Nominal Tooth Width	0.290"	7.4mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.08B BS/DIN Stock Bore

1/2" Pltch



Innovation in Motion
TSUBAKI

All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter				Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
31	132.5	125.5	117.0	08BA31	15	0.64	08BB31	E	16	60	89	30	1.41
32	136.5	129.6	121.1	08BA32	15	0.67	08BB32	E	16	60	89	30	1.46
33	140.6	133.6	125.1	08BA33	15	0.71	08BB33	E	16	60	89	30	1.51
34	144.7	137.6	129.1	08BA34	15	0.74	08BB34	E	16	60	89	30	1.56
35	148.7	141.7	133.2	08BA35	15	0.77	08BB35	E	16	60	89	30	1.61
36	152.8	145.7	137.2	08BA36	15	0.83	08BB36	E	16	60	89	35	1.69
37	156.8	149.8	141.2	08BA37	15	0.87	08BB37	E	16	60	89	35	1.74
38	160.9	153.8	145.3	08BA38	15	0.91	08BB38	E	16	60	89	35	1.78
39	164.9	157.8	149.3	08BA39	18	0.92	08BB39	E	19	60	89	35	1.83
40	169.0	161.9	153.4	08BA40	18	1.01	08BB40	E	19	60	89	35	1.88
42	177.1	169.9	161.4	08BA42	18	1.13	08BB42	E	19	60	89	35	1.97
45	189.2	182.1	173.6	08BA45	18	1.43	08BB45	E	19	60	89	35	2.11
48	201.4	194.2	185.7	08BA48	18	1.46	08BB48	E	19	64	100	35	2.76
54	225.7	218.4	209.1	08BA54	18	2.01	08BB54	E	19	64	100	35	3.11
57	237.8	230.5	222.0	08BA57	18	2.27	08BB57	E	19	64	100	35	3.28
60	250.0	242.7	234.2	08BA60	18	2.03	08BB60	E	19	64	100	35	3.45
64	266.1	258.8	250.3	08BA64	18	2.17	08BB64	E	19	64	100	35	3.68
70	290.4	283.1	274.6	08BA70	18	3.28	08BB70	E	19	64	100	35	4.02
72	298.5	291.2	282.6	08BA72	18	3.51	08BB72	E	19	64	100	35	4.13
76	314.7	307.3	298.8	08BA76	18	3.70	08BB76	E	19	64	100	35	5.73
80	330.9	323.5	315.0	08BA80	18	4.63	08BB80	E	19	64	100	35	6.03
84	347.0	339.7	331.0	08BA84	18	4.57	08BB84	E	19	64	100	35	6.33
95	391.5	384.1	375.6	08BA95	24	5.45	08BB95	E	25	64	100	35	8.90
96	395.6	388.2	379.6	08BA96	24	5.51	08BB96	E	25	64	100	35	8.99
114	468.3	460.9	452.4	08BA114	24	6.54	08BB114	E	25	64	100	35	11.17

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

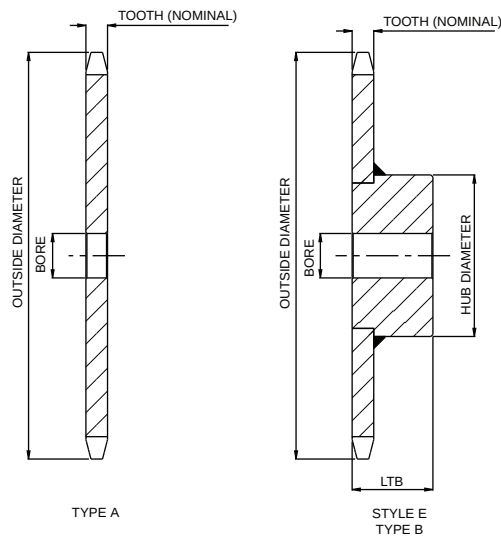
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	08B	08B
Size	08B	08B
Pitch	0.500"	12.7mm
Inside Width	0.305"	7.8mm
Roller Diameter	0.335"	8.5mm
Nominal Tooth Width	0.290"	7.4mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
8	47.9	41.5	31.3				H10BB8	S	12	16	22	25	0.09
9	53.1	46.4	36.3				H10BB9	S	12	19	27	25	0.14
10	58.4	51.4	41.2				H10BB10	S	12	22	32	25	0.23
11	63.6	56.4	46.2				H10BB11	S	12	25	37	25	0.27
12	68.8	61.3	51.2	H10BA12	12	0.15	H10BB12	S	12	32	43	25	0.32
13	73.9	66.3	56.2	H10BA13	12	0.19	H10BB13	S	12	33	48	25	0.36
14	79.1	71.3	61.2	H10BA14	12	0.23	H10BB14	S	12	36	53	25	0.45
15	84.2	76.4	66.2	H10BA15	12	0.25	H10BB15	S	12	38	57	25	0.59
16	89.3	81.4	71.2	H10BA16	12	0.31	H10BB16	S	12	44	63	25	0.68
17	94.4	86.4	76.2	H10BA17	12	0.35	H10BB17	S	12	47	67	25	0.82
18	99.6	91.4	81.3	H10BA18	12	0.39	H10BB18	S	12	48	73	25	0.91
19	104.7	96.5	86.3	H10BA19	16	0.43	H10BB19	S	16	51	76	25	1.04
20	109.8	101.5	91.3	H10BA20	16	0.48	H10BB20	S	16	51	76	25	1.13
21	114.8	106.5	96.4	H10BA21	16	0.51	H10BB21	E	16	51	76	25	1.18
22	119.9	111.6	101.4	H10BA22	16	0.59	H10BB22	E	16	51	76	25	1.27
23	125.0	116.6	106.4	H10BA23	16	0.65	H10BB23	E	16	51	76	25	1.45
24	130.1	121.6	111.5	H10BA24	15	0.68	H10BB24	E	16	51	76	32	1.50
25	135.2	126.7	116.5	H10BA25	15	0.73	H10BB25	E	16	51	76	32	1.59
26	140.3	131.7	121.5	H10BA26	15	0.78	H10BB26	E	16	51	76	32	1.63
27	145.3	136.7	126.6	H10BA27	18	0.89	H10BB27	E	19	51	76	32	1.68
28	150.4	141.8	131.6	H10BA28	18	0.93	H10BB28	E	19	51	76	32	1.72
29	155.5	146.8	136.7	H10BA29	18	1.07	H10BB29	E	19	51	76	32	1.91
30	160.6	151.9	141.7	H10BA30	18	1.15	H10BB30	E	19	57	82	32	2.04
31	165.6	156.9	146.8	10BA31	18	1.27	10BB31	E	19	57	82	32	2.13
32	170.7	162.0	151.8	10BA32	18	1.23	10BB32	E	19	57	82	32	2.27
33	175.8	167.0	156.8	10BA33	18	1.42	10BB33	E	19	57	82	32	2.33
34	180.8	172.1	161.9	10BA34	18	1.45	10BB34	E	19	57	82	32	2.36
35	185.9	177.1	166.9	10BA35	18	1.51	10BB35	E	19	57	82	32	2.48
36	191.0	182.2	172.0	10BA36	18	1.73	10BB36	E	19	57	82	32	2.56
37	196.0	187.2	177.0	10BA37	18	1.81	10BB37	E	19	57	82	32	2.68

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

* Hub diameter may vary to suit bore size.

Dimensional Data

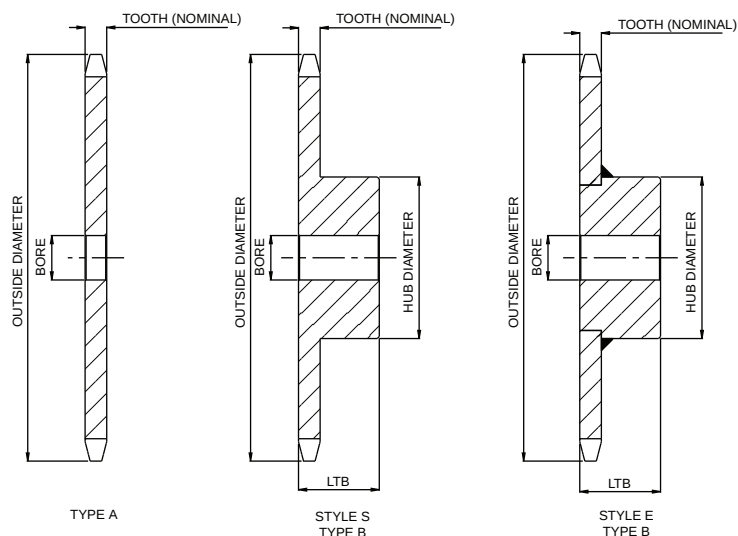
Single Strand Chain	10B	10B
Size	10B	10B
Pitch	0.625"	15.9mm
Inside Width	0.380"	9.7mm
Roller Diameter	0.400"	10.2mm
Nominal Tooth Width	0.361"	9.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	5/8" Pitch			Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
38	201.1	192.2	182.1	10BA38	18	1.88	10BB38	E	19	57	82	32	2.72
39	206.2	197.3	187.1	10BA39	18	2.00	10BB39	E	19	57	82	32	2.86
40	211.2	202.3	192.2	10BA40	18	2.02	10BB40	E	19	57	82	32	2.95
41	216.3	207.4	197.2	10BA41	18	2.20	10BB41	E	19	57	82	32	3.01
42	221.4	212.4	202.3	10BA42	18	2.26	10BB42	E	19	57	82	32	3.16
43	226.4	217.5	207.3	10BA43	18	2.38	10BB43	E	19	57	82	32	3.20
44	231.5	222.5	212.4	10BA44	18	2.46	10BB44	E	19	57	82	32	3.44
45	236.5	227.6	217.4	10BA45	18	2.69	10BB45	E	19	64	95	32	3.73
46	241.6	232.6	222.5	10BA46	18	2.91	10BB46	E	19	64	95	32	3.85
47	246.7	237.7	227.5	10BA47	18	2.95	10BB47	E	19	64	95	32	3.89
48	251.7	242.7	232.6	10BA48	24	2.98	10BB48	E	25	64	95	32	4.18
49	256.8	247.8	237.6	10BA49	24	3.20	10BB49	E	25	64	95	32	4.21
50	261.9	252.8	242.7	10BA50	24	3.22	10BB50	E	25	64	95	32	4.40
51	266.9	257.9	247.7	10BA51	24	3.32	10BB51	E	25	64	95	32	4.48
52	272.0	262.9	252.8	10BA52	24	3.62	10BB52	E	25	64	95	32	4.64
53	277.0	268.0	257.8	10BA53	24	3.67	10BB53	E	25	64	95	32	4.75
54	282.1	273.0	262.9	10BA54	24	3.76	10BB54	E	25	64	95	32	4.86
55	287.1	278.1	267.9	10BA55	24	3.88	10BB55	E	25	64	95	32	4.96
56	292.2	283.1	273.0	10BA56	24	4.04	10BB56	E	25	64	95	32	5.22
57	297.3	288.2	278.0	10BA57	24	4.25	10BB57	E	25	64	95	32	5.27
58	302.3	293.2	283.1	10BA58	24	4.67	10BB58	E	25	64	95	32	5.36
59	307.4	298.3	288.1	10BA59	24	4.76	10BB59	E	25	64	95	32	5.59
60	312.4	303.3	293.2	10BA60	24	4.90	10BB60	E	25	64	95	32	5.90
70	363.0	353.8	343.7	10BA70	24	6.35	10BB70	E	25	64	95	44	8.24
72	373.1	363.9	353.8	10BA72	24	6.91	10BB72	E	25	64	95	44	8.84
76	393.3	384.2	374.0	10BA76	24	9.11	10BB76	E	25	64	95	44	11.03
80	413.6	404.4	394.2	10BA80	24	9.53	10BB80	E	25	70	108	44	11.22
84	433.8	424.6	414.4	10BA84	24	10.02	10BB84	E	25	70	108	44	11.57
95	489.4	480.1	470.0	10BA95	24	12.25	10BB95	E	25	70	108	44	14.57
96	494.5	485.2	475.0	10BA96	24	12.43	10BB96	E	25	70	108	44	14.93
112	575.3	566.0	555.9	10BA112	24	17.10	10BB112	E	25	70	108	44	19.05
114	580.4	576.1	560.9	10BA114	24	17.84	10BB114	E	25	70	108	44	20.61

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

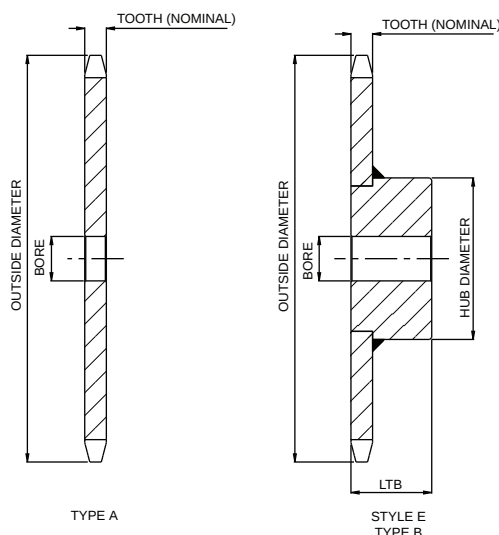
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	10B	10B
Size	10B	10B
Pitch	0.625"	15.9mm
Inside Width	0.380"	9.7mm
Roller Diameter	0.400"	10.2mm
Nominal Tooth Width	0.361"	9.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	3/4" Pitch			Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
11	76.3	67.6	55.6	H12BA11	14	0.36	H12BB11	S	12	32	47	35	0.53
12	82.5	73.6	61.5	H12BA12	14	0.42	H12BB12	S	12	35	53	35	0.67
13	88.7	79.6	67.5	H12BA13	14	0.48	H12BB13	S	12	38	59	35	0.75
14	94.9	85.6	73.5	H12BA14	14	0.54	H12BB14	S	12	42	64	35	0.91
15	101.9	91.6	79.6	H12BA15	14	0.60	H12BB15	S	12	45	70	35	1.14
16	107.2	97.7	85.6	H12BA16	14	0.68	H12BB16	S	16	50	75	35	1.27
17	113.3	103.7	91.6	H12BA17	14	0.77	H12BB17	S	16	52	80	35	1.46
18	119.5	109.7	97.6	H12BA18	14	0.85	H12BB18	S	16	52	80	35	1.69
19	125.6	115.7	103.7	H12BA19	14	0.95	H12BB19	E	16	60	90	35	1.78
20	131.7	121.8	109.7	H12BA20	14	1.08	H12BB20	E	16	64	90	35	2.10
21	137.8	127.8	115.8	H12BA21	16	1.15	H12BB21	E	20	64	100	40	2.27
22	143.9	133.9	121.8	H12BA22	16	1.24	H12BB22	E	20	64	100	40	2.38
23	150.0	139.9	127.8	H12BA23	16	1.33	H12BB23	E	20	67	100	40	2.49
24	156.1	146.0	133.9	H12BA24	19	1.47	H12BB24	E	20	67	100	40	2.62
25	162.2	152.0	139.9	H12BA25	19	1.63	H12BB25	E	20	67	100	40	2.78
26	168.3	158.0	146.0	H12BA26	19	1.72	H12BB26	E	20	67	100	40	2.89
27	174.4	164.1	152.0	H12BA27	19	1.91	H12BB27	E	20	67	100	40	3.05
28	180.5	170.1	158.1	H12BA28	19	1.99	H12BB28	E	20	67	100	40	3.12
29	186.6	176.2	164.1	H12BA29	19	2.44	H12BB29	E	20	67	100	40	3.30
30	192.7	182.3	170.2	H12BA30	19	2.28	H12BB30	E	20	67	100	40	3.44
31	198.8	188.3	176.2	12BA31	19	2.49	12BB31	E	20	67	100	40	3.50
32	204.8	194.4	182.3	12BA32	19	2.62	12BB32	E	20	67	100	40	3.75
33	210.9	200.4	188.3	12BA33	19	2.77	12BB33	E	20	67	100	40	3.82
34	217.0	206.5	194.4	12BA34	19	2.91	12BB34	E	20	67	100	40	3.99
35	223.1	212.5	200.5	12BA35	19	3.19	12BB35	E	20	67	100	40	4.10
36	229.2	218.6	206.5	12BA36	19	3.21	12BB36	E	20	67	100	40	4.35
37	235.3	224.6	212.6	12BA37	19	3.52	12BB37	E	20	67	100	40	4.64
38	241.3	230.7	218.6	12BA38	24	3.67	12BB38	E	25	70	107	40	4.92

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

* Hub diameter may vary to suit bore size.

Dimensional Data

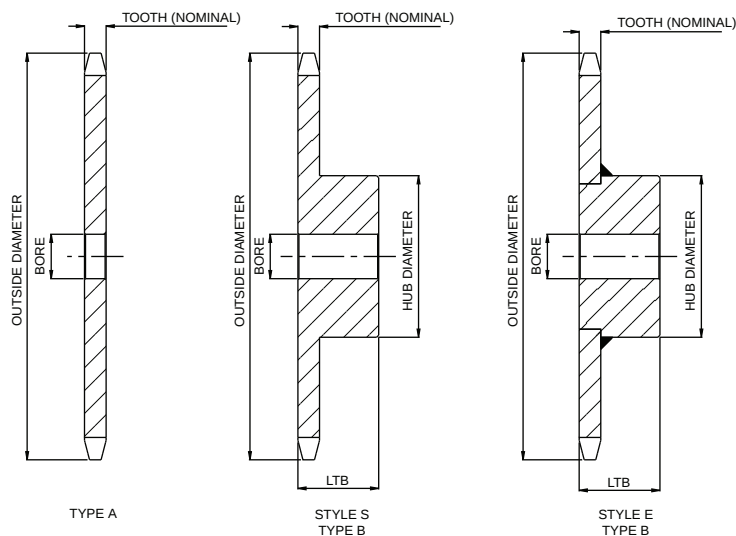
Single Strand Chain	12B	12B
Size	12B	12B
Pitch	0.750"	19.1mm
Inside Width	0.460"	11.7mm
Roller Diameter	0.475"	12.1mm
Nominal Tooth Width	0.437"	11.1mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with 'H' have hardened teeth (Rockwell C35 minimum).



No.12B BS/DIN Stock Bore

3/4" Pitch



All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	3/4" Pitch			Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
39	247.4	236.7	224.7	12BA39	24	3.87	12BB39	E	25	70	107	40	5.15
40	253.5	242.8	230.7	12BA40	24	4.00	12BB40	E	25	70	107	40	5.22
41	259.6	248.9	236.8	12BA41	24	4.24	12BB41	E	25	70	107	40	5.51
42	265.6	254.9	242.9	12BA42	24	4.53	12BB42	E	25	70	107	40	5.78
43	271.7	261.0	248.9	12BA43	24	4.58	12BB43	E	25	70	107	40	5.90
44	277.8	267.0	255.0	12BA44	25	4.99	12BB44	E	25	70	107	40	6.30
45	283.9	273.1	261.0	12BA45	25	5.14	12BB45	E	25	70	107	40	6.34
46	289.9	279.2	267.1	12BA46	25	5.33	12BB46	E	25	70	107	40	6.62
47	296.0	285.2	273.1	12BA47	25	5.70	12BB47	E	25	70	107	40	6.80
48	302.1	291.3	279.2	12BA48	25	5.75	12BB48	E	25	70	107	40	7.18
50	314.2	303.4	291.3	12BA50	25	6.45	12BB50	E	25	70	107	40	8.01
54	338.5	327.6	315.6	12BA54	32	7.33	12BB54	E	32	70	110	45	9.30
57	356.7	345.8	333.7	12BA57	32	8.11	12BB57	E	32	70	110	45	10.10
60	374.9	364.0	351.9	12BA60	32	9.19	12BB60	E	32	70	110	45	11.44
65	405.3	394.3	382.2	12BA65	32	10.65	12BB65	E	32	70	110	45	13.12
70	435.6	424.6	412.5	12BA70	32	12.45	12BB70	E	32	70	110	45	14.01
72	447.7	436.7	424.7	12BA72	32	13.22	12BB72	E	32	80	120	50	15.50
76	472.0	461.0	448.9	12BA76	32	14.78	12BB76	E	32	80	120	50	17.26
80	496.3	485.2	473.2	12BA80	32	20.75	12BB80	E	32	80	120	50	19.00
84	520.6	509.5	497.4	12BA84	32	21.78	12BB84	E	32	80	120	50	21.07
95	587.3	576.2	564.1	12BA95	32	23.46	12BB95	E	32	92	140	55	23.83
96	589.3	582.2	570.2	12BA96	32	23.71	12BB96	E	32	92	140	55	26.61
114	702.5	691.4	679.3	12BA114	32	28.16	12BB114	E	32	92	140	55	33.98

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

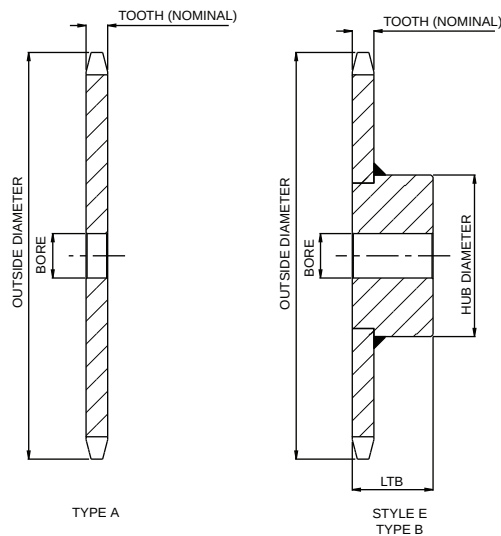
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	12B	12B
Size	12B	12B
Pitch	0.750"	19.1mm
Inside Width	0.460"	11.7mm
Roller Diameter	0.475"	12.1mm
Nominal Tooth Width	0.437"	11.1mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
11	101.7	90.2	74.3	H16BA11	14	0.82	H16BB11	S	16	41	63	40	1.45
12	110.0	98.1	82.3	H16BA12	14	0.91	H16BB12	S	16	47	72	40	1.82
13	118.3	106.1	90.3	H16BA13	14	1.04	H16BB13	S	16	52	79	40	1.82
14	126.5	114.2	98.3	H16BA14	14	1.22	H16BB14	S	16	60	88	40	2.09
15	134.7	122.2	106.3	H16BA15	14	1.36	H16BB15	S	16	62	96	40	2.59
16	142.9	130.2	114.3	H16BA16	14	1.54	H16BB16	E	20	67	100	45	3.00
17	151.1	138.2	122.4	H16BA17	14	1.81	H16BB17	E	25	67	102	45	3.18
18	159.3	146.3	130.4	H16BA18	24	2.00	H16BB18	E	25	70	108	45	3.77
19	167.5	154.3	138.4	H16BA19	24	2.13	H16BB19	E	25	70	108	46	3.86
20	175.6	162.4	146.5	H16BA20	24	2.49	H16BB20	E	25	70	108	45	4.09
21	183.8	170.4	154.5	H16BA21	24	2.63	H16BB21	E	25	70	108	50	4.54
22	191.9	178.5	162.6	H16BA22	24	2.82	H16BB22	E	25	70	108	50	4.99
23	200.0	186.6	170.7	H16BA23	24	3.04	H16BB23	E	25	70	108	50	5.08
24	208.2	194.6	178.7	H16BA24	24	3.45	H16BB24	E	25	70	108	50	5.54
25	216.3	202.7	186.8	H16BA25	24	3.63	H16BB25	E	25	70	108	50	5.76
26	224.4	210.7	194.8	H16BA26	30	3.90	H16BB26	D	32	80	120	50	7.03
27	232.6	218.8	202.9	H16BA27	30	4.31	H16BB27	D	32	80	120	50	7.53
28	240.7	226.9	211.0	H16BA28	30	4.58	H16BB28	D	32	80	120	50	7.58
29	248.8	234.9	219.1	H16BA29	30	4.81	H16BB29	D	32	80	120	50	7.94
30	256.9	243.0	227.1	H16BA30	32	5.22	H16BB30	D	32	80	120	50	8.26
31	265.0	251.1	235.2	16BA31	32	5.56	16BB31	D	32	80	120	50	8.62
32	273.1	259.1	243.3	16BA32	32	5.90	16BB32	D	32	80	120	50	8.98
33	281.2	267.2	251.3	16BA33	32	6.24	16BB33	D	32	80	120	50	9.33
34	289.3	275.3	259.4	16BA34	32	6.58	16BB34	D	32	80	120	50	9.69
35	297.5	283.4	267.5	16BA35	32	6.92	16BB35	D	32	80	120	50	10.05

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

* Hub diameter may vary to suit bore size.

Dimensional Data

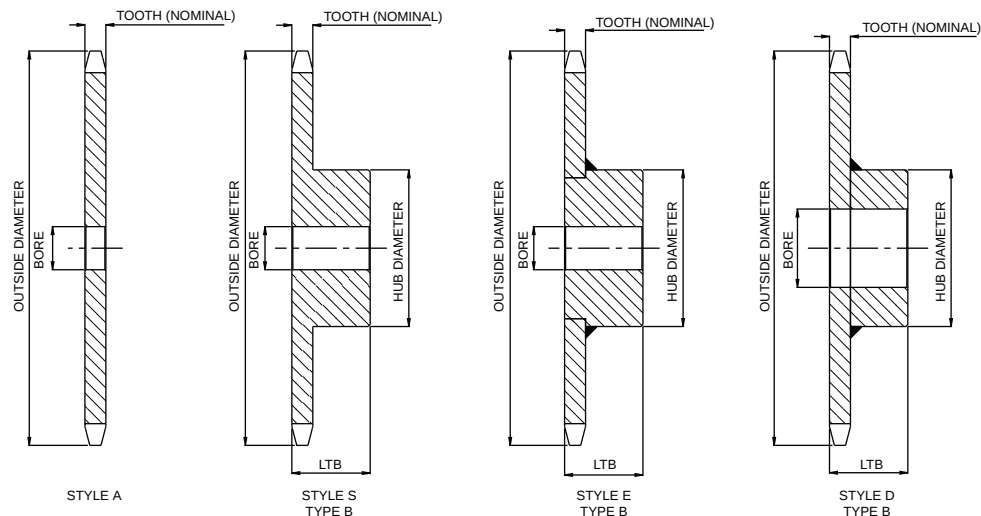
Single Strand Chain	16B	16B
Size	16B	16B
Pitch	1.000"	25.4mm
Inside Width	0.670"	17.0mm
Roller Diameter	0.625"	15.9mm
Nominal Tooth Width	0.637"	16.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B and C						
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	1" Pitch			Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
				Catalogue Number	Stock Bore	Weight (kg.)							
36	305.6	291.4	275.6	16BA36	32	7.26	16BB36	D	32	80	120	50	10.41
37	313.7	299.5	283.6	16BA37	32	7.60	16BB37	D	32	80	120	50	10.76
38	321.8	307.6	291.7	16BA38	32	7.94	16BB38	D	32	80	120	50	11.12
39	329.9	315.7	299.8	16BA39	32	8.48	16BB39	D	32	80	120	50	11.48
40	338.0	323.7	307.9	16BA40	32	9.01	16BB40	D	32	80	120	50	11.83
41	346.1	331.8	315.9	16BA41	32	9.55	16BB41	D	32	80	120	50	12.19
42	354.2	339.9	324.0	16BA42	32	10.09	16BB42	D	32	80	120	50	12.55
43	362.3	348.0	332.1	16BA43	32	10.62	16BB43	D	32	80	120	50	12.91
44	370.4	356.1	340.2	16BA44	32	11.16	16BB44	D	32	80	120	50	13.27
45	378.5	364.1	348.2	16BA45	32	11.70	16BB45	D	32	80	120	50	13.62
46	386.6	372.2	356.3	16BA46	32	12.23	16BB46	D	32	80	120	50	13.98
47	394.7	380.3	364.4	16BA47	32	12.77	16BB47	D	32	80	120	50	14.34
48	402.8	388.4	372.5	16BA48	32	12.31	16BB48	D	32	80	120	50	14.70
49	410.9	396.4	380.6	16BA49	32	13.85	16BB49	D	32	80	120	50	15.05
50	419.0	404.5	388.6	16BA50	32	14.38	16BB50	D	32	80	120	50	15.41
54	451.3	436.8	421.0	16BA54	32	16.53	16BB54	D	32	85	130	50	20.99
57	475.6	461.1	445.2	16BA57	32	18.14	16BB57	D	32	85	130	50	22.16
60	499.9	485.3	469.5	16BA60	32	19.75	16BB60	D	32	85	130	50	23.33
65	540.4	525.7	509.9	16BA65	32	22.43	16BB65	D	32	85	130	50	25.27
70	580.8	566.2	550.3	16BA70	40	25.47	16BC70	D	40	108	159	90	33.59
72	597.0	582.3	566.4	16BA72	40	27.94	16BC72	D	40	108	159	90	35.48
76	629.4	614.6	598.8	16BA76	40	32.89	16BC76	D	40	108	159	90	39.24
80	661.7	647.0	631.1	16BA80	40	37.84	16BC80	D	40	108	159	90	43.00
84	694.1	679.3	663.4	16BA84	40	42.78	16BC84	D	40	108	159	90	46.77
90	742.6	727.8	711.9	16BA90	40	50.21	16BC90	D	40	108	159	90	52.41
95	783.0	768.2	752.3	16BA95	40	56.39	16BC95	D	40	108	159	90	57.12

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

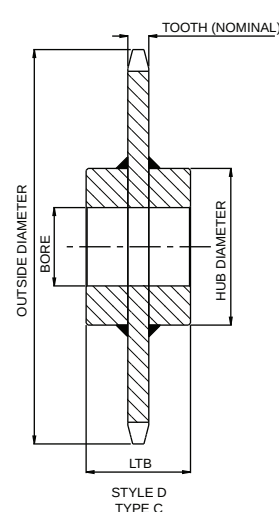
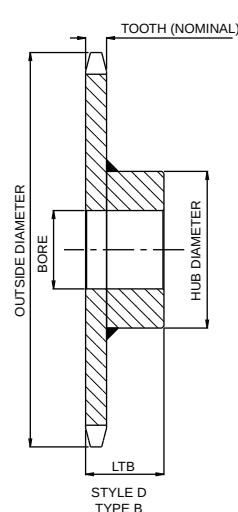
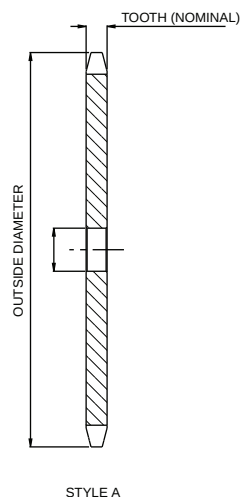
* Hub diameter may vary to suit bore size.

Dimensional Data

Single Strand Chain	16B	16B
Size	16B	16B
Pitch	1.000"	25.4mm
Inside Width	0.670"	17.0mm
Roller Diameter	0.625"	15.9mm
Nominal Tooth Width	0.637"	16.2mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B						
1 1/4" Pitch													
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
8	95.7	83.0	63.9	H20BA8	25	0.63	H20BB8	S	25	57	48	48	1.04
9	106.3	92.8	73.8	H20BA9	25	0.95	H20BB9	S	25	57	58	48	1.45
10	116.8	102.8	83.7	H20BA10	25	1.27	H20BB10	S	25	60	69	48	1.86
11	127.2	112.7	93.6	H20BA11	25	1.59	H20BB11	S	25	70	79	48	2.40
12	137.5	122.7	103.6	H20BA12	25	1.91	H20BB12	S	25	76	90	48	2.95
13	147.9	132.7	113.6	H20BA13	25	2.18	H20BB13	S	25	76	98	41	3.00
14	158.2	142.7	123.6	H20BA14	25	2.49	H20BB14	S	25	76	106	41	3.40
15	168.4	152.7	133.7	H20BA15	25	2.68	H20BB15	D	25	76	114	44	4.31
16	178.7	162.8	143.7	H20BA16	24	3.08	H20BB16	D	25	76	114	44	4.63
17	188.9	172.8	153.7	H20BA17	24	3.54	H20BB17	D	32	76	114	44	4.99
18	199.1	182.8	163.8	H20BA18	30	3.81	H20BB18	D	32	76	114	44	5.44
19	209.3	192.9	173.8	H20BA19	30	4.31	H20BB19	D	32	76	114	51	5.90
20	219.5	203.0	183.9	H20BA20	30	4.58	H20BB20	D	32	76	114	51	6.35
21	229.7	213.0	194.0	H20BA21	32	5.17	H20BB21	D	32	76	114	51	7.03
22	239.9	223.1	204.0	H20BA22	32	5.72	H20BB22	D	32	76	114	51	7.71
23	250.0	233.2	214.1	H20BA23	32	5.99	H20BB23	D	32	84	114	51	8.16
24	260.2	243.3	224.2	H20BA24	32	6.62	H20BB24	D	32	84	114	51	8.62
25	270.4	253.3	234.3	H20BA25	32	6.94	H20BB25	D	32	84	114	51	9.07
26	280.5	263.4	244.4	H20BA26	32	7.62	H20BB26	D	32	84	127	51	9.53
27	290.7	273.5	254.4	H20BA27	32	8.35	H20BB27	D	32	84	127	51	10.43
28	300.8	283.6	264.5	H20BA28	32	8.85	H20BB28	D	32	84	127	51	11.34
29	311.0	293.7	274.6	H20BA29	32	9.43	H20BB29	D	32	84	127	51	11.76
30	321.1	303.8	284.7	H20BA30	32	9.98	H20BB30	D	32	84	127	51	12.02
31	331.3	313.8	294.8	20BA31	32	10.73	20BB31	D	32	84	127	51	12.77
32	341.4	323.9	304.9	20BA32	32	11.49	20BB32	D	32	84	127	51	13.52
33	351.6	334.0	315.0	20BA33	32	12.24	20BB33	D	32	84	127	51	14.59
34	361.7	344.1	325.1	20BA34	32	13.00	20BB34	D	32	84	127	51	15.66
35	371.8	354.2	335.1	20BA35	32	13.75	20BB35	D	32	84	127	64	18.74
36	382.0	364.3	345.2	20BA36	32	14.50	20BB36	D	32	84	127	64	17.51
37	392.1	374.4	355.3	20BA37	32	15.25	20BB37	D	32	84	127	64	18.17
38	402.2	384.5	365.4	20BA38	32	16.01	20BB38	D	32	84	127	64	18.82

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

* Hub diameter may vary to suit bore size.

Dimensional Data

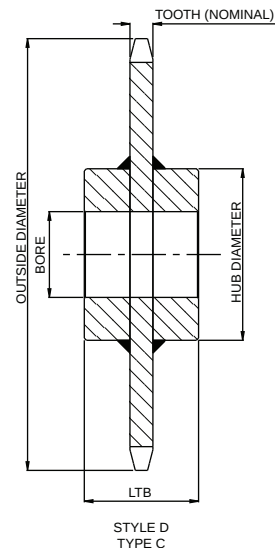
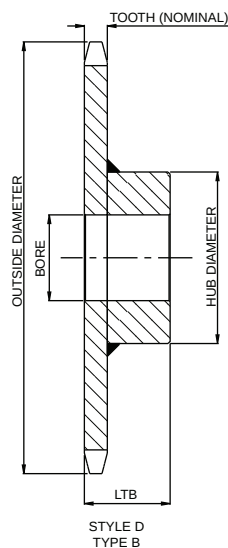
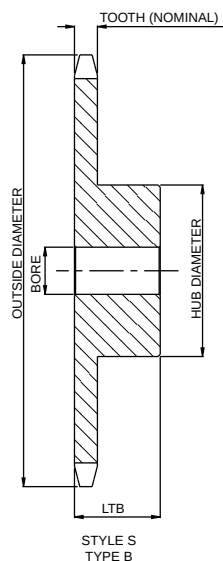
Single Strand Chain	20B	20B
Size	20B	20B
Pitch	1.250"	31.8mm
Inside Width	0.770"	19.6mm
Roller Diameter	0.750"	19.1mm
Nominal Tooth Width	0.732"	18.6mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.20B BS/DIN Stock Bore

1 1/4" Pitch



Innovation in Motion
TSUBAKI

All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B and C						
1 1/4" Pitch													
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
39	412.3	394.6	375.5	20BA39	32	16.76	20BB39	D	32	84	127	64	19.78
40	422.5	404.7	385.6	20BA40	32	17.52	20BB40	D	32	84	127	64	21.27
41	432.6	414.8	395.7	20BA41	32	18.27	20BB41	D	32	84	127	64	22.07
42	442.7	424.9	405.8	20BA42	32	19.03	20BB42	D	32	84	127	64	22.86
43	452.8	435.0	415.9	20BA43	32	19.78	20BB43	D	32	84	127	64	23.40
44	463.0	445.1	426.0	20BA44	32	20.53	20BB44	D	32	84	127	64	23.75
45	473.1	455.2	436.1	20BA45	32	21.29	20BB45	D	32	84	127	64	24.49
46	483.2	465.3	446.2	20BA46	32	22.04	20BB46	D	32	84	127	64	26.31
47	493.3	475.4	456.3	20BA47	32	22.79	20BB47	D	32	84	127	64	28.12
48	503.5	485.5	466.4	20BA48	32	23.55	20BB48	D	40	102	152	64	29.94
49	513.6	495.6	476.5	20BA49	32	24.30	20BB49	D	40	102	152	64	31.76
50	523.7	505.7	486.6	20BA50	32	25.06	20BB50	D	40	102	152	64	33.57
51	533.8	515.8	496.7	20BA51	40	24.43	20BB51	D	40	102	152	64	35.39
52	543.9	525.9	506.8	20BA52	40	25.85	20BB52	D	40	102	152	64	37.21
53	554.1	536.0	516.9	20BA53	40	27.27	20BB53	D	40	102	152	64	39.02
54	564.2	546.1	527.0	20BA54	40	25.70	20BC54	D	40	102	152	82	32.90
55	574.3	556.2	537.1	20BA55	40	30.12	20BC55	D	40	102	152	82	34.77
56	584.4	566.3	547.2	20BA56	40	31.34	20BC56	D	40	102	152	82	36.63
57	594.5	576.4	557.3	20BA57	40	32.96	20BC57	D	40	102	152	82	38.50
58	604.6	586.5	567.4	20BA58	40	35.80	20BC58	D	40	102	152	82	40.37
59	614.8	596.6	577.5	20BA59	40	37.22	20BC59	D	40	102	152	82	42.24
60	624.9	608.7	587.6	20BA60	40	38.64	20BC60	D	40	102	152	82	44.10
70	726.0	707.7	688.6	20BA70	40	52.85	20BC70	D	40	133	178	95	65.36
72	746.2	727.9	708.8	20BA72	40	55.70	20BC72	D	40	133	178	95	67.23
76	786.7	768.3	749.3	20BA76	40	61.38	20BC76	D	40	133	178	95	70.98
80	827.1	808.7	798.7	20BA80	40	67.06	20BC80	D	40	133	178	95	74.70
84	867.6	849.1	830.1	20BA84	40	72.75	20BC84	D	40	133	178	95	78.43
90	928.3	909.8	890.7	20BA90	40	81.27	20BC90	D	40	133	178	95	84.03
95	978.8	960.3	941.2	20BA95	40	102.42	20BC95	D	40	133	178	114	117.18
96	988.9	970.4	951.3	20BA96	40	103.84	20BC96	D	40	133	178	114	117.56

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

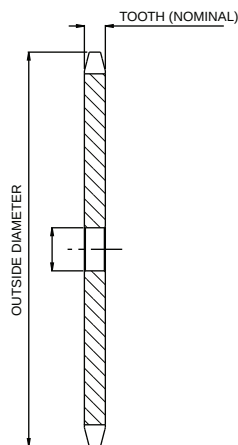
* Hub diameter may vary to suit bore size.

Dimensional Data

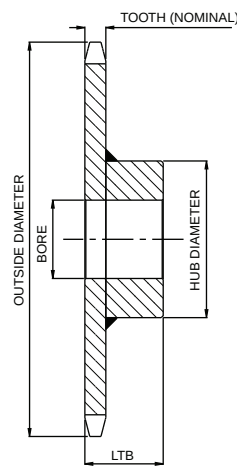
Single Strand Chain	20B	20B
Size	20B	20B
Pitch	1.250"	31.8mm
Inside Width	0.770"	19.6mm
Roller Diameter	0.750"	19.1mm
Nominal Tooth Width	0.732"	18.6mm



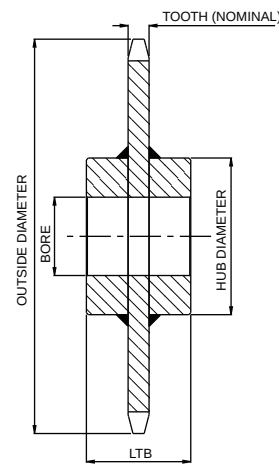
If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



STYLE A



STYLE D
TYPE B



STYLE D
TYPE C



All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
1 1/2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
9	127.5	111.4	86.0	H24BA9	20	1.69	H24BB9	B	S	20	45	69	45	2.02
10	140.1	123.3	97.9	H24BA10	20	1.88	H24BB10	B	S	20	52	80	45	2.61
11	152.6	135.2	109.8	H24BA11	20	2.06	H24BB11	B	S	25	60	90	50	3.77
12	165.1	147.2	121.8	H24BA12	20	2.68	H24BB12	B	S	25	67	102	50	4.77
13	177.4	159.2	133.8	H24BA13	20	3.06	H24BB13	B	S	25	76	114	50	5.91
14	189.8	171.2	145.8	H24BA14	32	3.72	H24BB14	B	S	32	86	127	60	6.68
15	202.1	183.3	157.9	H24BA15	32	4.31	H24BB15	B	S	32	92	140	60	7.49
16	214.4	195.3	169.9	H24BA16	32	4.86	H24BB16	B	S	32	92	140	60	9.08
17	226.7	207.4	181.9	H24BA17	32	5.44	H24BB17	B	D	32	92	140	60	9.76
18	238.9	219.4	194.0	H24BA18	32	6.13	H24BB18	B	D	32	92	140	60	10.49
19	251.2	231.5	206.1	H24BA19	32	7.03	H24BB19	B	D	32	92	140	60	11.21
20	263.4	243.6	218.2	H24BA20	32	7.94	H24BB20	B	D	32	92	140	60	12.26
21	275.6	255.6	230.2	H24BA21	32	8.62	H24BB21	B	D	32	92	140	60	13.38
22	287.9	267.7	242.3	H24BA22	32	9.76	H24BB22	B	D	32	92	140	60	13.67
23	300.1	279.8	254.4	H24BA23	32	10.43	H24BB23	B	D	32	92	140	60	14.74
24	312.3	291.9	266.5	H24BA24	32	11.35	H24BB24	B	D	32	92	140	60	15.48
25	324.5	304.0	278.6	H24BA25	32	12.47	H24BB25	B	D	32	92	140	60	16.38
26	336.6	316.1	290.7	H24BA26	40	13.39	H24BB26	B	D	40	102	150	65	19.43
27	348.8	328.2	302.8	H24BA27	40	14.53	H24BB27	B	D	40	102	150	65	20.39
28	361.0	340.3	314.9	H24BA28	40	15.89	H24BB28	B	D	40	102	150	65	21.34
29	373.2	352.4	327.0	H24BA29	40	17.02	H24BB29	B	D	40	102	150	65	22.79
30	385.4	364.5	339.1	H24BA30	40	18.39	H24BB30	B	D	40	102	150	65	24.25
31	397.5	376.6	351.2	24BA31	40	20.02	24BB31	B	D	40	102	150	65	26.19
32	409.7	388.7	363.3	24BA32	40	21.66	24BB32	B	D	40	102	150	65	28.12
33	421.9	400.8	375.4	24BA33	40	23.29	24BB33	B	D	40	102	150	65	30.05
34	434.0	412.9	387.5	24BA34	40	24.93	24BB34	B	D	40	102	150	65	31.99
35	446.2	425.0	399.6	24BA35	40	26.56	24BB35	B	D	40	102	150	65	33.93
36	458.3	437.2	411.7	24BA36	40	28.19	24BB36	B	D	40	102	152	65	35.86
38	482.7	461.4	436.0	24BA38	40	31.46	24BB38	B	D	40	102	152	65	39.73
42	531.3	509.8	484.4	24BA42	40	40.99	24BC42	C	D	40	102	152	95	45.31
45	567.7	546.2	520.8	24BA45	40	48.14	24BC45	C	D	40	102	152	95	50.71
48	604.2	582.5	557.1	24BA48	40	55.29	24BC48	C	D	40	102	152	102	57.43
57	713.4	691.6	666.2	24BA57	40	76.73	24BC57	C	D	40	133	178	102	76.05
60	749.9	728.0	702.6	24BA60	40	85.19	24BC60	C	D	40	133	178	102	80.05
68	847.0	825.0	799.6	24BA68	40	107.74	24BC68	C	D	40	133	178	102	93.39
76	944.0	922.0	896.6	24BA76	40	130.30	24BC76	C	D	40	133	191	114	129.62

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

* Hub diameter may vary to suit bore size.

Dimensional Data

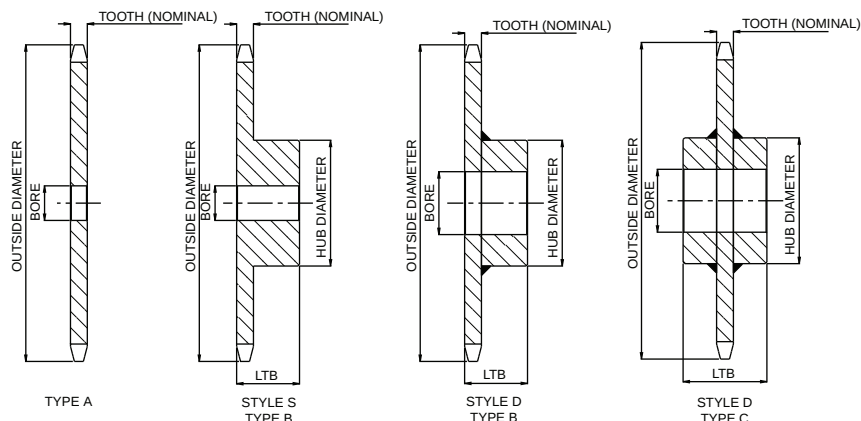
Single Strand Chain	24B	24B
Size	24B	24B
Pitch	1.500"	38.1mm
Inside Width	1.000"	25.4mm
Roller Diameter	1.000"	25.4mm
Nominal Tooth Width	0.950"	24.1mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



No.28B BS/DIN Stock Bore

1 3/4" Pitch



All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
1 3/4" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
11	178.1	157.8	129.8	H28BA11	32	3.18	H28BB11	B	S	40	73	112	70	5.27
12	192.6	171.7	143.8	H28BA12	32	3.95	H28BB12	B	D	40	84	125	70	6.40
13	207.0	185.7	157.8	H28BA13	32	4.31	H28BB13	B	D	40	93	140	70	8.22
14	221.4	199.8	171.8	H28BA14	32	4.77	H28BB14	B	D	40	93	140	60	9.13
15	235.8	213.8	185.9	H28BA15	40	5.45	H28BB15	B	D	40	108	160	60	11.40
16	250.1	227.8	199.9	H28BA16	40	6.81	H28BB16	B	D	40	108	160	64	12.76
17	264.5	241.9	214.0	H28BA17	40	7.71	H28BB17	B	D	40	108	160	64	13.65
18	278.8	256.0	228.0	H28BA18	40	8.63	H28BB18	B	D	40	108	160	64	13.65
19	293.0	270.1	242.1	H28BA19	40	9.53	H28BB19	B	D	40	108	160	64	15.01
20	307.3	284.1	256.2	H28BA20	40	10.44	H28BB20	B	D	40	108	160	64	16.84
21	321.6	298.2	270.3	H28BA21	40	11.79	H28BB21	B	D	40	108	160	64	18.19
22	335.8	312.3	284.4	H28BA22	40	13.17	H28BB22	B	D	40	108	160	64	19.11
23	350.1	326.4	298.5	H28BA23	40	14.06	H28BB23	B	D	40	108	160	64	20.46
24	364.3	340.5	312.6	H28BA24	40	15.44	H28BB24	B	D	40	108	160	64	21.84
25	378.5	354.7	326.7	H28BA25	40	16.78	H28BB25	B	D	40	108	160	64	22.73
26	392.7	368.8	340.8	H28BA26	40	18.61	H28BB26	B	D	40	108	160	64	26.83
27	407.0	382.9	354.9	H28BA27	40	20.43	H28BB27	B	D	40	108	160	64	27.74
28	421.2	397.0	369.1	H28BA28	40	20.88	H28BB28	B	D	40	108	160	64	30.29
29	435.4	411.1	383.2	H28BA29	40	23.06	H28BB29	B	D	40	108	160	64	31.74
30	449.6	425.2	397.3	H28BA30	40	25.17	H28BB30	B	D	40	108	160	64	32.73
32	478.0	453.5	425.6	28BA32	40	31.02	28BB32	B	D	40	134	180	76	34.84
38	563.1	538.3	510.3	28BA38	40	48.58	28BB38	B	D	40	134	178	102	51.25
40	591.5	566.5	538.6	28BA40	40	52.80	28BC40	C	D	40	134	178	102	52.84
42	619.8	594.8	566.9	28BA42	40	57.02	28BC42	C	D	40	134	178	102	54.43
45	662.3	637.2	609.3	28BA45	40	63.35	28BC45	C	D	40	134	178	102	60.55
48	704.8	679.6	651.7	28BA48	40	69.68	28BC48	C	D	40	134	178	102	62.72
54	789.8	764.5	736.5	28BA54	40	82.34	28BC54	C	D	40	134	178	127	74.60
57	832.3	806.9	779.0	28BA57	40	88.67	28BC57	C	D	40	134	178	127	81.77
60	874.8	849.3	821.4	28BA60	40	97.97	28BC60	C	D	40	134	178	127	88.94
68	988.1	962.5	934.5	28BA68	40	122.79	28BC68	C	D	40	137	191	127	108.05
72	1044.7	1019.0	991.1	28BA72	40	135.19	28BC72	C	D	40	137	191	127	117.61
76	1101.4	1075.6	1047.7	28BA76	40	147.60	28BC76	C	D	40	137	191	127	127.17

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

* Hub diameter may vary to suit bore size.

Dimensional Data

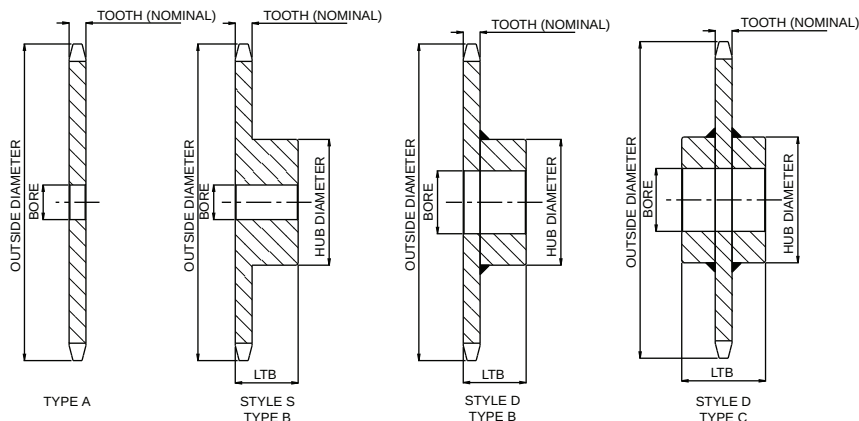
Single Strand Chain	28B	28B
Size	28B	28B
Pitch	1.750"	44.5mm
Inside Width	1.220"	31.0mm
Roller Diameter	1.100"	27.9mm
Nominal Tooth Width	1.156"	29.4mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).





All dimensions in millimeters unless otherwise stated.

Sprocket Diameters				Type A			Type B and C							
2" Pitch														
No. of Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter	Catalogue Number	Stock Bore	Weight (kg.)	Catalogue Number	Type	Style	Stock Bore	†Max. Bore	*Hub Diameter	LTB	Weight (kg.)
11	203.5	180.3	151.1	H32BA11	32	5.00	H32BB11	B	D	40	83	120	80	9.04
12	220.1	196.3	167.1	H32BA12	32	6.02	H32BB12	B	D	40	89	133	80	11.11
13	236.6	212.3	183.1	H32BA13	32	7.12	H32BB13	B	D	40	102	152	70	12.61
14	253.0	228.3	199.1	H32BA14	32	8.32	H32BB14	B	D	40	102	152	70	14.97
15	269.5	244.3	215.1	H32BA15	40	9.50	H32BB15	B	D	40	102	178	70	17.32
16	285.9	260.4	231.2	H32BA16	40	11.64	H32BB16	B	D	40	103	178	70	18.78
17	302.2	276.5	247.3	H32BA17	40	12.35	H32BB17	B	D	40	103	178	70	20.23
18	318.6	292.6	263.3	H32BA18	40	13.96	H32BB18	B	D	40	103	178	70	21.88
19	334.9	308.6	279.4	H32BA19	40	15.57	H32BB19	B	D	40	103	178	70	23.53
20	351.2	324.7	295.5	H32BA20	40	17.36	H32BB20	B	D	40	133	178	70	25.37
21	367.5	340.8	311.6	H32BA21	40	19.15	H32BB21	B	D	40	133	178	70	27.20
22	383.8	357.0	327.7	H32BA22	40	21.13	H32BB22	B	D	40	133	178	70	29.23
23	400.1	373.1	343.9	H32BA23	40	23.10	H32BB23	B	D	40	133	178	70	31.25
24	416.3	389.2	360.0	H32BA24	40	25.26	H32BB24	B	D	40	133	178	76	35.33
25	432.6	405.3	376.1	H32BA25	40	27.41	H32BB25	B	D	40	133	178	76	36.80
26	448.9	421.5	392.2	H32BA26	40	30.25	H32BB26	B	D	40	133	181	76	39.41
27	465.1	437.6	408.4	H32BA27	40	33.10	H32BB27	B	D	40	133	181	76	42.02
28	481.3	453.7	424.5	H32BA28	40	35.94	H32BB28	B	D	40	133	181	76	44.62
29	497.6	469.9	440.6	H32BA29	40	38.78	H32BB29	B	D	40	133	181	76	47.23
30	513.8	486.0	456.8	H32BA30	40	41.63	H32BB30	B	D	40	133	181	76	49.84
32	546.3	518.3	489.1	32BA32	40	47.31	32BB32	B	D	40	139	203	76	58.02
38	643.5	615.2	586.0	32BA38	40	64.37	32BB38	B	D	40	139	203	114	86.78
40	676.0	647.5	618.3	32BA40	40	72.98	32BC40	C	D	40	139	203	114	91.35
42	708.4	679.8	650.6	32BA42	40	81.60	32BC42	C	D	40	139	203	114	95.91
45	757.0	728.3	699.0	32BA45	40	94.52	32BC45	C	D	40	139	203	127	116.97
48	805.5	776.7	747.5	32BA48	40	107.44	32BC48	C	D	40	139	203	127	130.43
54	902.7	873.7	844.5	32BA54	40	133.29	32BC54	C	D	40	139	203	127	157.34
57	951.2	922.2	893.0	32BA57	40	146.21	32BC57	C	D	40	139	203	127	170.79
60	999.8	970.9	941.4	32BA60	40	164.35	32BC60	C	D	40	139	203	127	184.25
68	1129.3	1100.0	1070.8	32BA68	40	212.73	32BC68	C	D	40	139	203	127	220.13

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

* Hub diameter may vary to suit bore size.

Dimensional Data

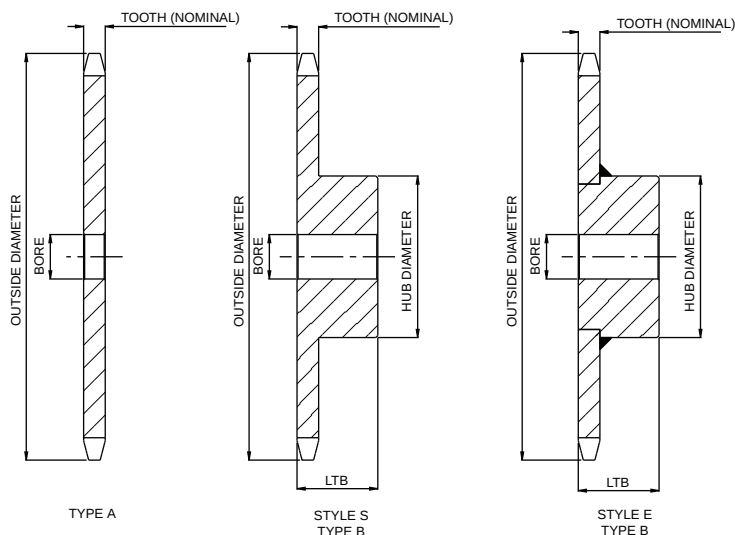
Single Strand Chain	32B	32B
Size	32B	32B
Pitch	2.000"	50.8mm
Inside Width	1.220"	31.0mm
Roller Diameter	1.150"	29.2mm
Nominal Tooth Width	1.156"	29.4mm



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprockets with catalogue numbers that begin with "H" have hardened teeth (Rockwell C35 minimum).



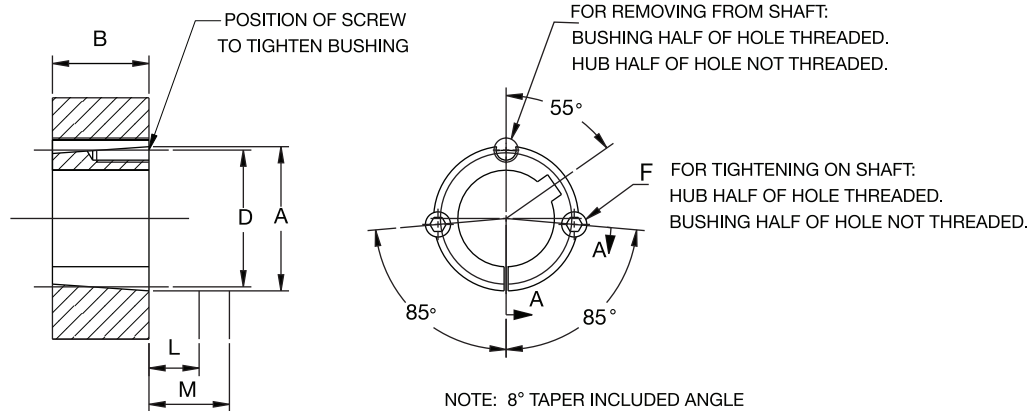
"Taper-Lock" Style Bushings

1008-3030



Section A-A

TAPER-LOCK BUSHINGS 1008 THROUGH 3030



ANSI "Taper-Lock" Style Bushings

All dimensions in inches unless otherwise stated.

Bushing Number	* Bore Range	A	B	D	F (2 Required)	± L		± M		Weight (lbs.)
						Std. Hex Key	Short Key	Std. Hex Key	Short Key	
1008	1/2-1	1 25/64	7/8	1 21/64	1/4 x 1/2	1 1/8	5/8	1 1/4	3/4	0.20
1108	1/2-1 1/8	1 1/2	7/8	1 29/64	1/4 x 1/2	1 1/8	5/8	1 1/4	3/4	0.25
1210	1/2-1 1/4	1 7/8	1	1 3/4	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.55
1215	1/2-1 1/4	1 7/8	1 1/2	1 3/4	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.70
1310	1/2-1 3/8	2	1	1 7/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.65
1610	1/2-1 5/8	2 1/4	1	2 1/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.70
1615	1/2-1 5/8	2 1/4	1 1/2	2 1/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	1.00
2012	1/2-2	2 3/4	1 1/4	2 5/8	7/16 x 7/8	1 9/16	1 5/16	2	1 3/8	1.40
2517	1/2-2 1/2	3 3/8	1 3/4	3 1/4	1/2 x 1	1 5/8	1	2 1/4	1 5/8	3.20
2525	3/4-2 1/2	3 3/8	2 1/2	3 1/4	1/2 x 1	1 5/8	1	2 1/4	1 5/8	4.30
3020	1 5/16-3	4 1/4	2	4	5/8 x 1 1/4	1 13/16	1 3/16	2 11/16	2 1/16	5.80
3030	1 5/16-3	4 1/4	3	4	5/8 x 1 1/4	1 13/16	1 3/16	2 11/16	2 1/16	8.00

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

NOTES:

- * All bore ranges available in 1/16th inch increments.
- ± Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.
- ± Space required to remove bushing using jackscrews - no puller required.
- ◆ Standard hex key cut to minimum usable length.

Metric "Taper-Lock" Style Bushings

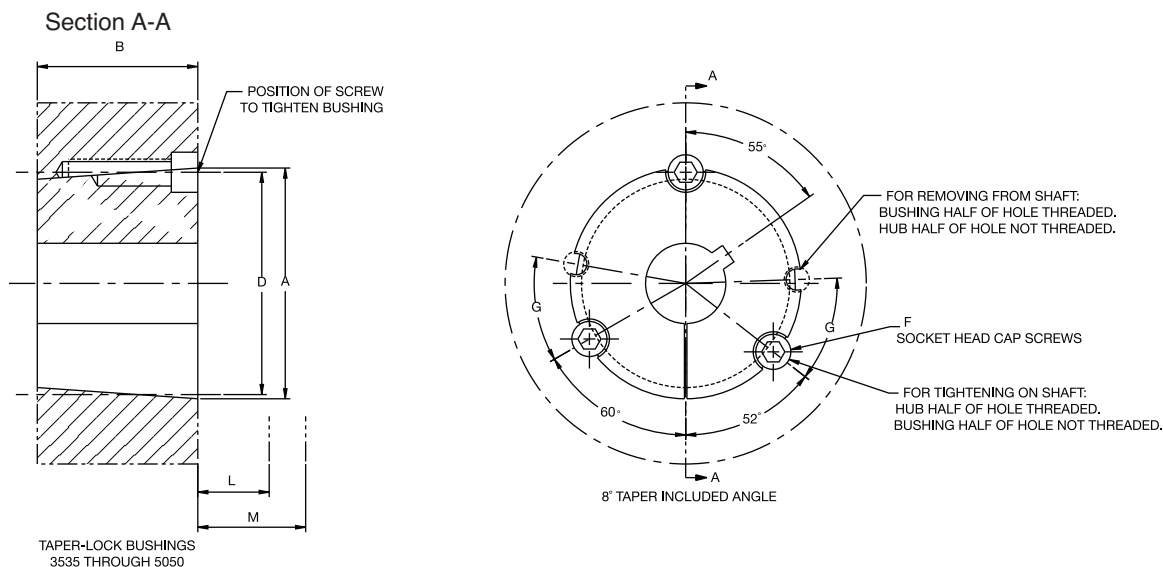
All dimensions in millimeters unless otherwise stated.

Bore Range	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50
Keyway(mm)	5 x 2.3	5 x 2.3	6 x 2.8	6 x 2.8	6 x 2.8	6 x 2.8	8 x 3.3	8 x 3.3	8 x 3.3	8 x 3.3	10 x 3.3	10 x 3.3	10 x 3.3	12 x 3.3	12 x 3.3	14 x 3.8	14 x 3.8	14 x 3.8
1008	X	X	X	X	X	X												
1108	X	X	X	X	X	X	X											
1210	X	X	X	X	X	X	X	X	X	X								
1215	X	X	X	X	X	X	X	X	X	X								
1610	X	X	X	X	X	X	X	X	X	X	X	X	X					
1615	X	X	X	X	X	X	X	X	X	X	X	X	X					
2012			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
2517				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3020									X	X	X	X	X	X	X	X	X	X

Note - X denotes that the Taper Lock Bushing is also available with metric bore size key way.

All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.



ANSI "Taper-Lock" Style Bushings

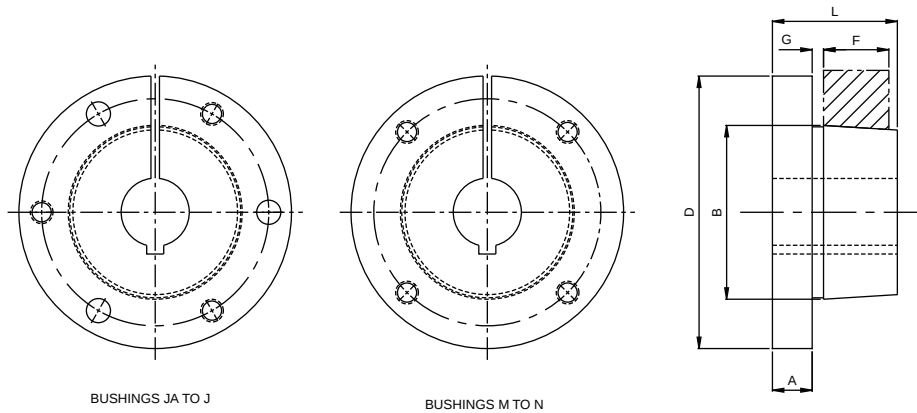
All dimensions in inches unless otherwise stated.

Bushing Number	*Bore Range	A	B	D	F (3 Required)	G	♦ L		+ M		Weight (lbs.)
							Std. Hex Key	Short Key	Std. Hex Key	Short Key	
3535	1 ³ / ₁₆ - 3 ¹⁵ / ₁₆	5	3 ¹ / ₂	4.83	1 ¹ / ₂ x 1 ¹ / ₂	39°	2	1 ⁵ / ₁₆	3 ³ / ₈	2 ¹¹ / ₁₆	11
4040	2 ⁷ / ₈ - 4 ⁷ / ₁₆	5 ³ / ₄	4	5.54	5 ⁵ / ₈ x 1 ³ / ₄	40°	2 ³ / ₈	1 ⁵ / ₈	4 ¹ / ₈	3 ³ / ₈	17
4545	1 ¹⁵ / ₁₆ - 4 ¹⁵ / ₁₆	6 ³ / ₈	4 ¹ / ₂	6.13	3 ³ / ₄ x 2	40°	2 ⁵ / ₈	1 ¹⁵ / ₁₆	4 ³ / ₄	4 ¹ / ₁₆	24
5050	2 ⁷ / ₁₆ - 5	7	5	6.72	7 ⁷ / ₈ x 2 ¹ / ₄	37°	2 ¹³ / ₁₆	2 ⁵ / ₁₆	5 ¹ / ₄	4 ¹³ / ₁₆	32

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

NOTES:

- * All bore ranges available in 1/16th inch increments.
- ♦ Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.
- + Space required to remove bushing using jackscrews - no puller required.
- ◆ Standard hex key cut to minimum usable length.



ANSI "QD" Style Bushings

All dimensions in inches unless otherwise stated.

Bushing	A	B	D	F	G	L	* Bolt Circle	Cap Screws Required	Standard Keyway	Shallow Keyway	Without Keyway	Weight (lbs.)
JA	$\frac{5}{16}$	$1\frac{3}{8}$	2	$\frac{9}{16}$	$\frac{1}{8}$	1	$12\frac{1}{32}$	(3) #10 x 1	$\frac{1}{2}-1$	$1\frac{1}{16}-1\frac{3}{16}$	$1\frac{1}{4}$	0.8
SH	$\frac{7}{16}$	$1\frac{7}{8}$	$2\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{8}$	$1\frac{5}{16}$	$2\frac{1}{4}$	(3) $\frac{1}{4}$ x $1\frac{3}{8}$	$\frac{1}{2}-1\frac{3}{8}$	$1\frac{7}{16}-1\frac{5}{8}$	$1\frac{1}{16}$	0.7
SDS	$\frac{7}{16}$	$2\frac{3}{16}$	$3\frac{3}{16}$	$\frac{3}{4}$	$\frac{1}{8}$	$1\frac{5}{16}$	$2\frac{11}{16}$	(3) $\frac{1}{4}$ x $1\frac{3}{8}$	$\frac{1}{2}-1\frac{11}{16}$	$1\frac{3}{4}-1\frac{15}{16}$	2	1.0
SD	$\frac{7}{16}$	$2\frac{3}{16}$	$3\frac{3}{16}$	$1\frac{1}{4}$	$\frac{1}{8}$	$1\frac{13}{16}$	$2\frac{11}{16}$	(3) $\frac{1}{4}$ x $1\frac{7}{8}$	$\frac{1}{2}-1\frac{11}{16}$	$1\frac{3}{4}-1\frac{15}{16}$	2	1.0
SK	$\frac{9}{16}$	$2\frac{13}{16}$	$3\frac{7}{8}$	$1\frac{1}{4}$	$\frac{7}{32}$	$1\frac{15}{16}$	$3\frac{5}{16}$	(3) $\frac{5}{16}$ x 2	$\frac{1}{2}-2\frac{1}{8}$	$2\frac{3}{16}-2\frac{1}{2}$	$2\frac{9}{16}-2\frac{5}{8}$	2.1
SF	$\frac{5}{8}$	$3\frac{1}{8}$	$4\frac{5}{8}$	$1\frac{1}{4}$	$\frac{7}{32}$	$2\frac{1}{16}$	$3\frac{7}{8}$	(3) $\frac{3}{8}$ x 2	$\frac{1}{2}-2\frac{5}{16}$	$2\frac{3}{8}-2\frac{13}{16}$	$2\frac{13}{16}-2\frac{15}{16}$	3.1
E	$\frac{7}{8}$	$3\frac{53}{64}$	6	$1\frac{5}{8}$	$\frac{1}{4}$	$2\frac{3}{4}$	5	(3) $\frac{1}{2}$ x $2\frac{3}{4}$	$\frac{7}{8}-2\frac{7}{8}$	$2\frac{15}{16}-3\frac{1}{2}$	—	2.1
F	1	$4\frac{7}{16}$	$6\frac{5}{8}$	$2\frac{1}{2}$	$1\frac{1}{32}$	$3\frac{3}{4}$	$5\frac{5}{8}$	(3) $\frac{9}{16}$ x $3\frac{5}{8}$	$1-3\frac{1}{4}$	$3\frac{5}{16}-3\frac{15}{16}$	4	3.1
J	$1\frac{1}{8}$	$5\frac{9}{64}$	$7\frac{1}{4}$	$3\frac{3}{16}$	$\frac{3}{8}$	$4\frac{5}{8}$	$6\frac{1}{4}$	(3) $\frac{5}{8}$ x $4\frac{1}{2}$	$1\frac{1}{2}-3\frac{7}{8}$	$3\frac{15}{16}-4\frac{1}{2}$	—	16.8
M	$1\frac{1}{4}$	$6\frac{1}{2}$	9	$5\frac{3}{16}$	$1\frac{3}{32}$	$6\frac{3}{4}$	$7\frac{7}{8}$	(4) $\frac{3}{4}$ x $6\frac{3}{4}$	$2-4\frac{3}{4}$	$4\frac{7}{8}-5\frac{1}{2}$	—	56.0
N	$1\frac{1}{2}$	7	10	$6\frac{1}{4}$	$\frac{9}{16}$	$8\frac{1}{8}$	$8\frac{1}{2}$	(4) $\frac{7}{8}$ x 8	$2\frac{7}{16}-5\frac{1}{8}$	$5\frac{3}{16}-5\frac{1}{2}$	—	68.0

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

* Available Upon Request

Metric "QD" Style Bushings

All dimensions in millimeters unless otherwise stated.

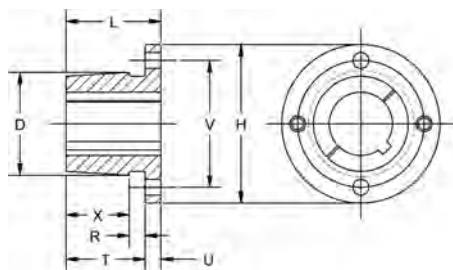
Bore Range	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100
Bushing	8x3.3	8x3.3	8x3.3	8x3.3	10x3.3	10x3.3	10x3.3	12x3.3	12x3.3	14x3.3	14x3.3	14x3.3	16x4.3	18x4.4	18x4.4	20x4.9	20x4.9	22x5.4	22x5.4	25x5.4	25x5.4	28x6.4
SH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SDS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SK	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
F	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
J	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Note - X denotes that the QD Bushing is also available with metric bore size key way.

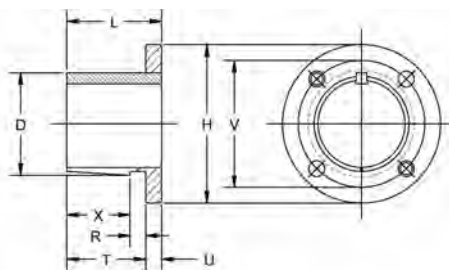
All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

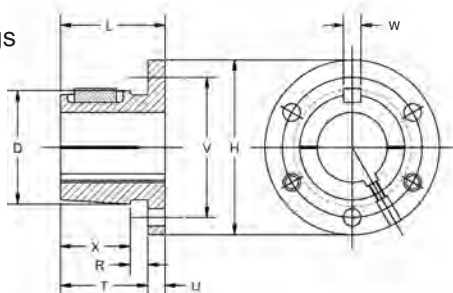
Type 1
G & H Bushings



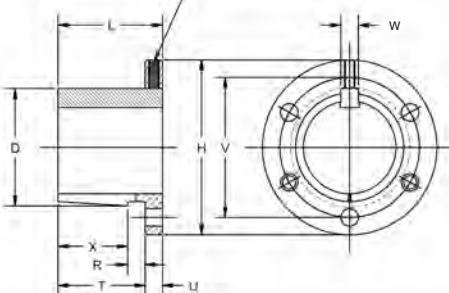
Type 2



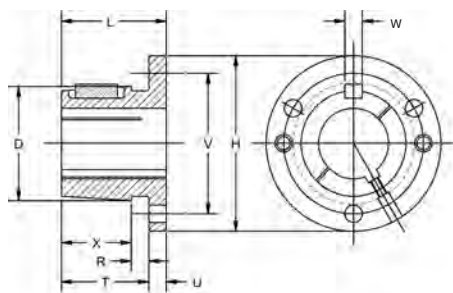
Type 1
B, P, Q & R Bushings



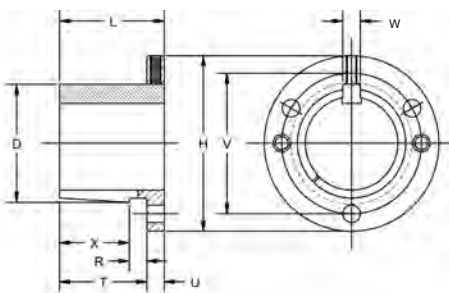
Type 2



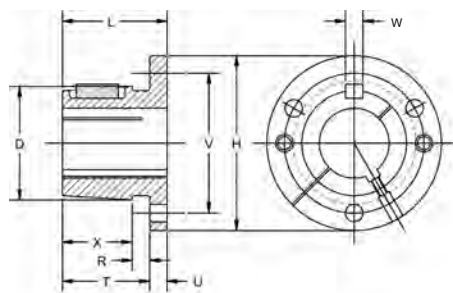
Type 1
S Bushings



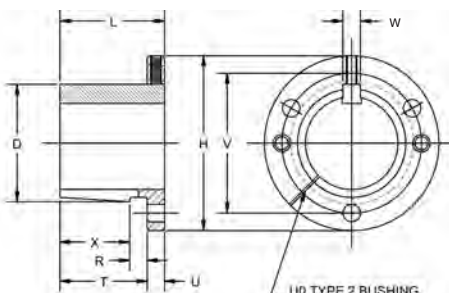
Type 2



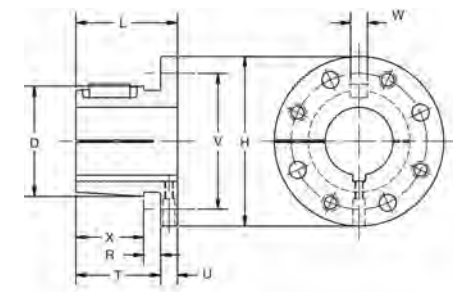
Type 1
U Bushings



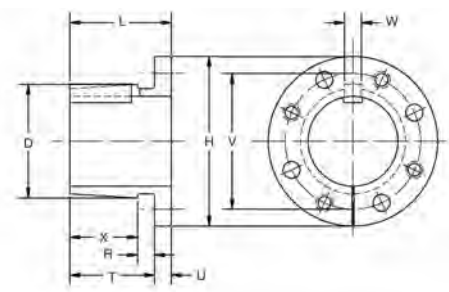
Type 2



Type 1
W Bushings



Type 2



ANSI Split Taper Bushings

All dimensions in inches unless otherwise stated.

Hub Number	Dimensions										Bore Range		Cap Screws		Approx. Weight (lbs.)	Wrench Torque in. lbs.
	L	U	T	D		H	V	W	X	R	Type 1	Type 2	No.	Size		
				Large End	Small End											
G1	1	1/4	3/4	1.1720	1.1330	2	1 9/16	-	5/8	1/8	3/8 - 15/16	1	2	1/4 x 5/8	0.5	95
H1	1 1/4	1/4	1	1.6250	1.5700	2 1/2	2	-	7/8	1/8	3/8 - 1 3/8	1 7/16 - 1 1/2	2	1/4 x 3/4	0.8	95
P1	1 15/16	13/32	1 17/32	1.9375	1.8555	3	2 7/16	3/8	1 5/16	7/32	1/2 - 1 7/16	1 1/2 - 1 3/4	3	5/16 x 1	1.3	192
P2	2 15/16	13/32	2 17/32	1.9375	1.7930	3	2 7/16	3/8	2 5/16	7/32	3/4 - 1 7/16	1 1/2 - 1 3/4	3	5/16 x 1	1.5	192
B	1 15/16	1/2	1 7/16	2.6250	2.5567	3 11/16	3 1/8	1/2	1 3/16	1/4	1/2 - 1 15/16	2 - 2 7/16	3	5/16 x 1 1/4	1.8	192
Q1	2 1/2	17/32	1 31/32	2.8750	2.7657	4 1/8	3 3/8	1/2	1 3/4	7/32	3/4 - 2 1/16	2 1/8 - 2 11/16	3	3/8 x 1 1/4	3.5	348
Q2	3 1/2	17/32	2 31/32	2.8750	2.7032	4 1/8	3 3/8	1/2	2 3/4	7/32	1 - 2 1/16	2 1/8 - 2 5/8	3	3/8 x 1 1/4	4.5	348
R1	2 7/8	5/8	2 1/4	4.0000	3.8750	5 3/8	4 5/8	3/4	2	1/4	1 1/8 - 2 13/16	2 7/8 - 3 3/4	3	3/8 x 1 3/4	7.5	348
R2	4 7/8	5/8	4 1/4	4.0000	3.7500	5 3/8	4 5/8	3/4	4	1/4	1 3/8 - 2 13/16	2 7/8 - 3 5/8	3	3/8 x 1 3/4	11	348
S1	4 3/8	3/4	3 5/8	4.6250	4.4180	6 3/8	5 3/8	3/4	3 5/16	5/16	1 11/16 - 3 3/16	3 1/4 - 4 1/4	3	1/2 x 2 1/4	13.5	840
S2	6 3/4	3/4	6	4.6250	4.2696	6 3/8	5 3/8	3/4	5 11/16	5/16	1 7/8 - 3 3/16	3 1/4 - 4 3/16	3	1/2 - 2 1/4	19	840
U0	5 1/4	1 1/16	4 3/16	6.0000	5.7656	8 3/8	7	1 1/4	3 3/4	7/16	2 3/8 - 3 1/16	-	3	5/8 x 2 3/4	30	1680
U0	4 15/16	3/4	4 3/16	6.0000	5.7656	8 3/8	7	1 1/4	3 3/4	7/16	3 1/4 - 4 1/4	4 3/8 - 5 1/2	3	5/8 x 2 3/4	27	1680
U1	7 1/8	1 1/16	6 1/16	6.0000	5.6485	8 3/8	7	1 1/4	5 5/8	7/16	2 3/8 - 4 1/4	4 3/8 - 5 1/2	3	5/8 x 2 3/4	40	1680
U2	10 1/8	1 1/16	9 1/16	6.0000	5.4610	8 3/8	7	1 1/4	5 5/8	7/16	2 7/16 - 4 1/4	4 3/8 - 5	3	5/8 x 2 3/4	50	1680
W1	8 1/4	1 7/16	6 13/16	8.5000	6.1018	12 1/2	10	1 1/4	6 3/8	7/16	3 3/8 - 6 3/16	6 1/4 - 7 7/16	4	3/4 x 3	104	3000
W2	11 1/4	1 7/16	9 13/16	8.5000	7.9144	12 1/2	10	1 1/4	9 3/8	7/16	3 3/8 - 6 3/16	6 1/4 - 7 7/16	4	3/4 x 3	133	3000

Metric Split Taper Bushings

All dimensions in millimeters unless otherwise stated.

Bore Range	14	15	16	18	19	20	22	24	25	28	30	32	35	36	38
Keyway (mm)	5x2.3	5x2.3	5x2.3	6x2.8	6x2.8	6x2.8	6x2.8	8x3.3	8x3.3	8x3.3	8x3.3	10x3.3	10x3.3	10x3.3	10x3.3
Hub No.	G	H	P1	B	Q1	R1	R2								
G	X			X	X	X	X	X	X						
H	X			X	X	X	X	X	X	X	X	X	X	X	X
P1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B				X	X	X	X	X	X	X	X	X	X	X	X
Q1					X	X	X	X	X	X	X	X	X	X	X
R1										X	X	X	X	X	X
R2													X	X	X

Note - X denotes that the Split Taper Bushing is also available with metric bore size/keyway.

All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

Metric Split Taper Bushings

All dimensions in millimeters unless otherwise stated.

Bore Range	39	40	42	45	48	50	55	60	65	70	75	80	85	90	95
Keyway (mm)	2x3.3	12x3.3	12x3.3	14x3.8	14x3.8	14x3.8	16x4.3	18x4.4	18x4.4	20x4.9	20x4.9	22x5.4	22x5.4	25x5.4	25x5.4
Hub No.	G	H	P1	B	Q1	R1	R2	S1							
G															
H															
P1	X	X	X												
B	X	X	X	X	X	X	X	X	X						
Q1	X	X	X	X	X	X	X	X	X	X					
R1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
R2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S1			X	X	X	X	X	X	X	X	X	X	X	X	X

Note - X denotes that the Split Taper Bushing is also available with metric bore size/keyway.

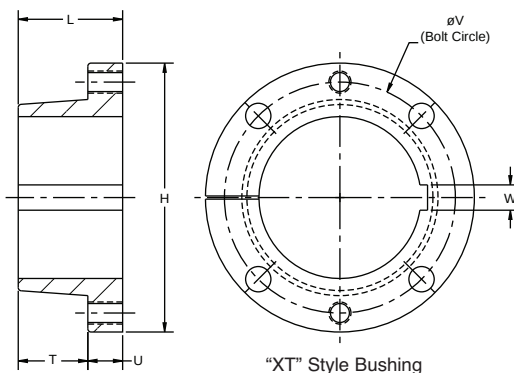
All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

"XT" style hubs & bushings have been designed specifically for conveyor pulley applications. They offer improved holding power and ease of installation and removal compared to other bushing types. "XT" style hubs and bushings are available for all the major types and sizes of conveyor pulleys.

All dimensions in inches unless otherwise stated.

Bushing Number	Dimensions						Bore Range	Cap Screws		Approximate Weight (lbs.)	Wrench Torque (in. lbs.)
	L	U	T	H	V	W		Number	Size		
XTB15	1 1/8	3/8	3/4	2 7/8	2 7/16	3/16 1/4 3/8	5/8, 3/4, 7/8 1, 1 1/8, 1 3/16, 1 1/4 1 7/16, 1 1/2	4	1/4 x 1	0.7	95
XTB20	1 13/32	15/32	15/16	3 3/4	3 3/16	3/16 1/4 3/8 1/2	3/4 1, 1 3/16, 1 1/4 1 7/16, 1 1/2, 1 11/16 1 15/16, 2	4	5/16 x 1 1/4	1.5	200
XTB25	1 7/8	5/8	1 1/4	4 7/16	3 3/4	1/4 3/8 1/2 5/8	1, 1 3/16, 1 1/4 1 7/16, 1 1/2, 1 11/16 1 15/16, 2, 2 3/16 2 7/16	4	3/8 x 1 3/4	2.6	350
XTB30	2 1/16	11/16	1 3/8	5 5/16	4 9/16	3/8 1/2 5/8 3/4	1 7/16, 1 1/2 1 15/16, 2 3/16 2 7/16, 2 11/16 2 15/16	4	7/16 x 1 1/2	4.2	550
XTB35	2 15/32	25/32	1 11/16	6 5/16	5 7/16	1/2 5/8 3/4 7/8	1 15/16, 2 3/16 2 7/16, 2 11/16 2 15/16 3 7/16	4	1/2 x 1 3/4	7.4	840
XTB40	2 13/16	7/8	1 15/16	7 1/8	6 1/8	5/8 3/4 7/8 1	2 7/16 2 15/16 3 7/16 3 15/16	4	9/16 x 2	10.5	1,200
XTB45	3 5/16	15/16	2 3/8	8	6 7/8	7/8 1 1	3 7/16 3 15/16 4 7/16	4	5/8 x 2 1/4	14.8	1,680
XTB50	3 3/4	1	2 3/4	10 1/8	8 5/16	1 1 1/4	3 15/16, 4 7/16 4 15/16	4	3/4 x 2 1/2	27.8	3,000
XTB60	4 1/8	1 1/8	3	11 15/16	9 7/8	1 1/4 1 1/2	5 7/16, 5 1/2 5 15/16, 6	4	7/8 x 2 1/2	42.8	4,800
XTB70	4 11/16	1 5/16	3 3/8	13 15/16	11 9/16	1 1/2 1 3/4	6 7/16, 6 1/2 6 15/16, 7	4	1 x 3	66.3	7,200
XTB80	5 1/8	1 3/8	3 3/4	15 5/8	12 7/8	1 3/4 2	7 1/2 7 15/16, 8	4	1 1/8 x 3 1/2	85.7	9,000
XTB100	6 3/16	1 9/16	4 5/8	17 15/16	15 9/16	2 2 1/2	8 1/2, 9 9 7/16, 9 1/2, 10	6	1 1/8 x 3 1/2	146.0	9,000
XTB120	7 1/16	1 3/4	5 15/16	20 5/8	18 3/16	2 1/2 3	10 1/2, 11 11 1/2, 12	8	1 1/8 x 3 1/2	216.0	9,000



Features:

- Self seating
- Reduced end disc pre-stressing
- Minimal axial shaft movement
- Equally spaced bolts for uniform draw-up
- Capscrew torque-storing capacity is maximized by the flange
- Full length engagement with the hub
- Full size keys in maximum bushing bore sizes of 50 and larger

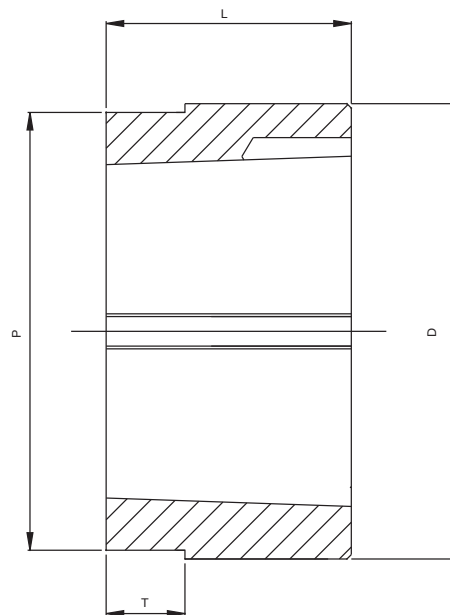
"Taper-Lock" Style Weld-On Hubs

Tsubaki offers the most complete line of "Taper-Lock" style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "Taper-Lock" style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

Catalogue Number	Bushing Used	Maximum Bore	D	Dimensions			Weight (lbs.)
				P	L	T	
351610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{9}{64}$	0.8
411610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{7}{32}$	0.8
401610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{1}{4}$	0.8
402012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{1}{4}$	1.5
402517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{1}{4}$	2.7
502012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{5}{16}$	1.5
502517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{5}{16}$	2.7
602012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{7}{16}$	1.5
602517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{7}{16}$	2.7
802012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{9}{16}$	1.5
802517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{9}{16}$	2.7
803020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{9}{16}$	4.3
1002517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{11}{16}$	2.7
1003020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{11}{16}$	4.3
1202517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4	1 $\frac{3}{4}$	$\frac{7}{8}$	2.6
1203020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{7}{8}$	4.2
1203535TLW	3535	3 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{2}$ *	3 $\frac{1}{2}$	-	13.0
1404040TLW	4040	4	7 $\frac{3}{4}$	7 $\frac{3}{4}$ *	4	-	25.0
1603020TLW	3020	3	5 $\frac{1}{4}$	5	2	1 $\frac{1}{8}$	4.0
1603535TLW	3535	3 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{4}$	3 $\frac{1}{2}$	1 $\frac{1}{8}$	12.6
1604545TLW	4545	4 $\frac{1}{2}$	8 $\frac{3}{4}$	8 $\frac{3}{4}$ *	4 $\frac{1}{2}$	-	42.0

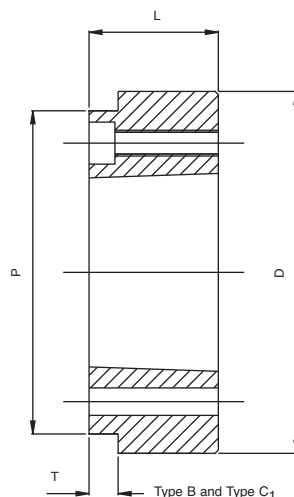
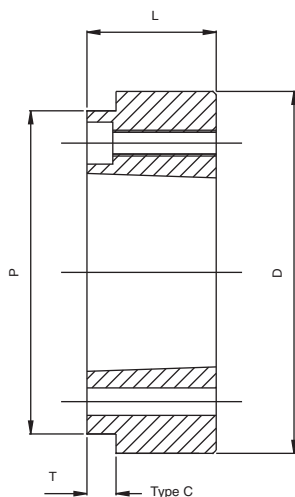
* These items have no hub step.



Tsubaki offers the most complete line of "QD" Style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "QD" Style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

Catalogue Number	Type	Bushing Used	Max. Bore	Dimensions				Weight (lbs.)
				D	P	L	T	
35SHW	B	SH	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1 $\frac{3}{16}$	$\frac{9}{64}$	0.9
40SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	1.0
40SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{1}{4}$	2.4
50SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{3}{8}$	3 $\frac{7}{16}$	$\frac{3}{4}$	$\frac{5}{16}$	1.0
50SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{5}{16}$	2.4
50SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{5}{16}$	3.7
60SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	1.0
60SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{7}{16}$	2.4
60SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{7}{16}$	3.6
60EW	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{7}{16}$	7.8
80SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{9}{16}$	3.5
80EW	C	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{9}{16}$	7.7
80FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{9}{16}$	14.7
100EWB	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{11}{16}$	7.5
100EWC	C	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{11}{16}$	7.5
100FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{11}{16}$	14.6
120EW	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{7}{8}$	7.4
120FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{7}{8}$	14.3
120JW	C	J	4 $\frac{7}{16}$	8	7 $\frac{1}{2}$	3 $\frac{3}{16}$	$\frac{7}{8}$	23.7
140FW	B	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{7}{8}$	14.3
140MW	C ₁	M	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	5 $\frac{3}{16}$	2 $\frac{1}{4}$	59.5
160FW	B	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	1 $\frac{3}{32}$	14.0
160JW	C	J	4 $\frac{7}{16}$	8	7 $\frac{1}{2}$	3 $\frac{3}{16}$	1 $\frac{1}{8}$	23.3
160MW	C ₁	M	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	5 $\frac{3}{16}$	2 $\frac{1}{4}$	59.3

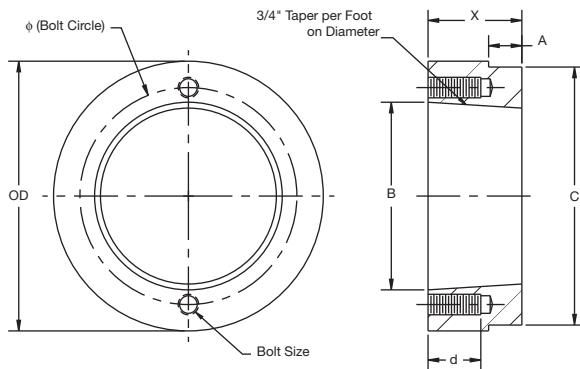


Split Taper Weld-On Hubs

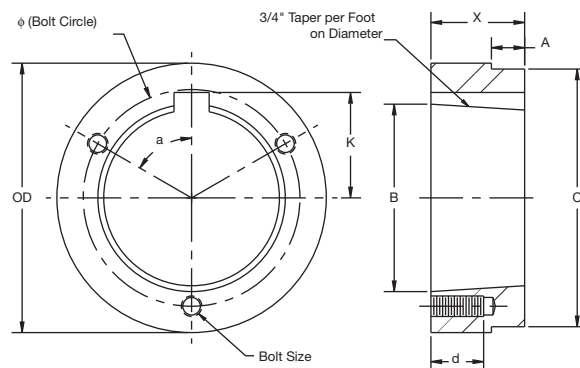
Tsubaki offers a complete line of Split Taper style weld-on hubs for insertion and welding to produce “B” style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The Split Taper style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

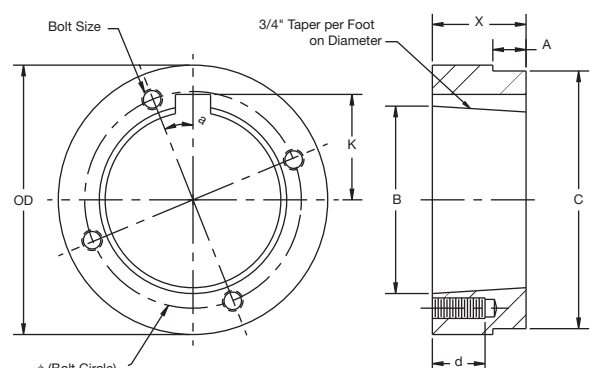
Hub	Bushing										Tapped Holes			Weight
G1W	G	2	0.174	1.168	1.875	-	1 9/16	-	5/8	-	5/8	2	1/4 - 20	0.4
H1W	H	2 1/2	0.174	1.621	2.375	-	2	-	7/8	-	7/8	2	1/4 - 20	0.6
P1W	P1	3	0.292	1.9375	2.875	1 3/32	2 7/16	3/8	1 5/16	60	5/8	3	5/16 - 18	1.4
P2W	P2	3	1.100	1.9375	2.875	1 3/32	2 7/16	3/8	2 5/16	60	5/8	3	5/16 - 18	2.5
B1W	B	3 7/8	0.292	2.623	3.750	1 7/16	3 1/8	1/2	1 5/16	60	13/16	3	5/16 - 18	2.3
B2W	B	4 1/2	0.709	2.623	4.375	1 7/16	3 1/8	1/2	1 3/4	60	13/16	3	5/16 - 18	4.7
Q1W	Q1	4 1/2	0.709	2.875	4.375	1 9/16	3 3/8	1/2	1 3/4	60	7/8	3	3/8 - 16	4.4
Q2W	Q2	4 1/2	1.606	2.875	4.375	1 9/16	3 3/8	1/2	2 3/4	60	7/8	3	3/8 - 16	6.9
R1W	R1	5 3/4	0.709	4.000	5.625	2 3/16	4 5/8	3/4	2	60	1 1/8	3	3/8 - 16	7.3
R2W	R2	5 3/4	1.606	4.000	5.625	2 3/16	4 5/8	3/4	4	60	1 1/8	3	3/8 - 16	15.4
S1W	S1	6 3/4	0.946	4.625	6.500	2 9/16	5 3/8	3/4	3 5/16	60	1 5/8	3	1/2 - 13	17.3
S2W	S2	6 3/4	2.963	4.625	6.500	2 9/16	5 3/8	3/4	5 11/16	60	1 5/8	3	1/2 - 13	30.4
U0W	U0	8 1/2	2.000	6.000	8.250	3 1/4	7	1 1/4	3 3/4	60	2	3	5/8 - 11	32.0
U1W	U1	8 1/2	2.963	6.000	8.250	3 1/4	7	1 1/4	5 5/8	60	1 3/4	3	5/8 - 11	44.6
U2W	U2	8 1/2	6.016	6.000	8.250	3 1/4	7	1 1/4	8 5/8	60	1 3/4	3	5/8 - 11	69.0
W1W	W1	12 1/2	2.963	8.500	12.250	4 9/16	10	1 1/4	6 3/8	22 1/2	1 3/4	4	3/4 - 10	130.0



For Bushings G and H



For Bushings P, B, Q, R, S, and U



For Bushing W



"XT" style hubs & bushings have been designed specifically for conveyor pulley applications. They offer improved holding power and ease of installation and removal compared to other bushing types. "XT" style hubs and bushings are available for all the major types and sizes of conveyor pulleys.

Tsubaki offers a complete line of "XT" style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "XT" style weld-on hubs listed below include appropriate tapered bores and mounting holes.

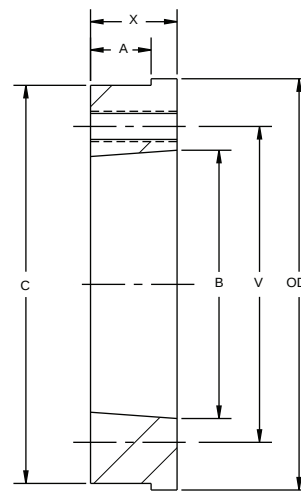
All dimensions in inches unless otherwise stated.

Hub Number	Bushing Used	O.D.	A	Dimensions				X	Tapped Holes		Weight
				B	C	V			No.	Size (lbs.)	
XTH15	XTB15	3.190	$\frac{7}{16}$	2.000	2.875	$2\frac{7}{16}$		$\frac{5}{8}$	4	$\frac{1}{4}$ - 20UNC	0.7
XTH20	XTB20	4.065	$\frac{9}{16}$	2.688	3.813	$3\frac{3}{16}$		$1\frac{3}{16}$	4	$\frac{5}{16}$ - 18UNC	1.5
XTH25	XTB25	4.690	$1\frac{3}{16}$	3.188	4.375	$3\frac{3}{4}$		$1\frac{1}{8}$	4	$\frac{3}{8}$ - 16UNC	2.6
XTH30	XTB30	5.940	$\frac{7}{8}$	3.875	5.750	$4\frac{9}{16}$		$1\frac{1}{4}$	4	$\frac{7}{16}$ - 14UNC	4.1
XTH35	XTB35	6.565	$1\frac{1}{16}$	4.688	6.345	$5\frac{7}{16}$		$1\frac{1}{2}$	4	$\frac{1}{2}$ - 13UNC	6.6
XTH40	XTB40	7.562	$1\frac{1}{4}$	5.313	7.250	$6\frac{1}{8}$		$1\frac{3}{4}$	4	$\frac{9}{16}$ - 12UNC	10.7
XTH45	XTB45	8.315	$1\frac{1}{2}$	5.938	8.000	$6\frac{7}{8}$		$2\frac{1}{8}$	4	$\frac{5}{8}$ - 11UNC	15.4
XTH50	XTB50	9.940	$1\frac{3}{4}$	7.250	9.563	$8\frac{5}{16}$		$2\frac{1}{2}$	4	$\frac{3}{4}$ - 10UNC	24.9
XTH60	XTB60	11.690	$1\frac{5}{16}$	8.625	11.250	$9\frac{7}{8}$		$2\frac{3}{4}$	4	$\frac{7}{8}$ - 9UNC	36.4
XTH70	XTB70	13.627	$2\frac{3}{16}$	10.000	13.188	$11\frac{9}{16}$		$3\frac{1}{8}$	4	1 - 8UNC	57.7
XTH80	XTB80	14.940	$2\frac{7}{16}$	11.125	14.625	$12\frac{7}{8}$		$3\frac{3}{8}$	4	$1\frac{1}{8}$ - 7UNC	75.6
XTH100	XTB100	17.940	3	13.688	17.500	$15\frac{9}{16}$		$4\frac{1}{8}$	6	$1\frac{1}{8}$ - 7UNC	122.0
XTH120	XTB120	20.940	$3\frac{1}{2}$	16.188	20.500	$18\frac{13}{16}$		$4\frac{13}{16}$	8	$1\frac{1}{8}$ - 7UNC	189.0



Features:

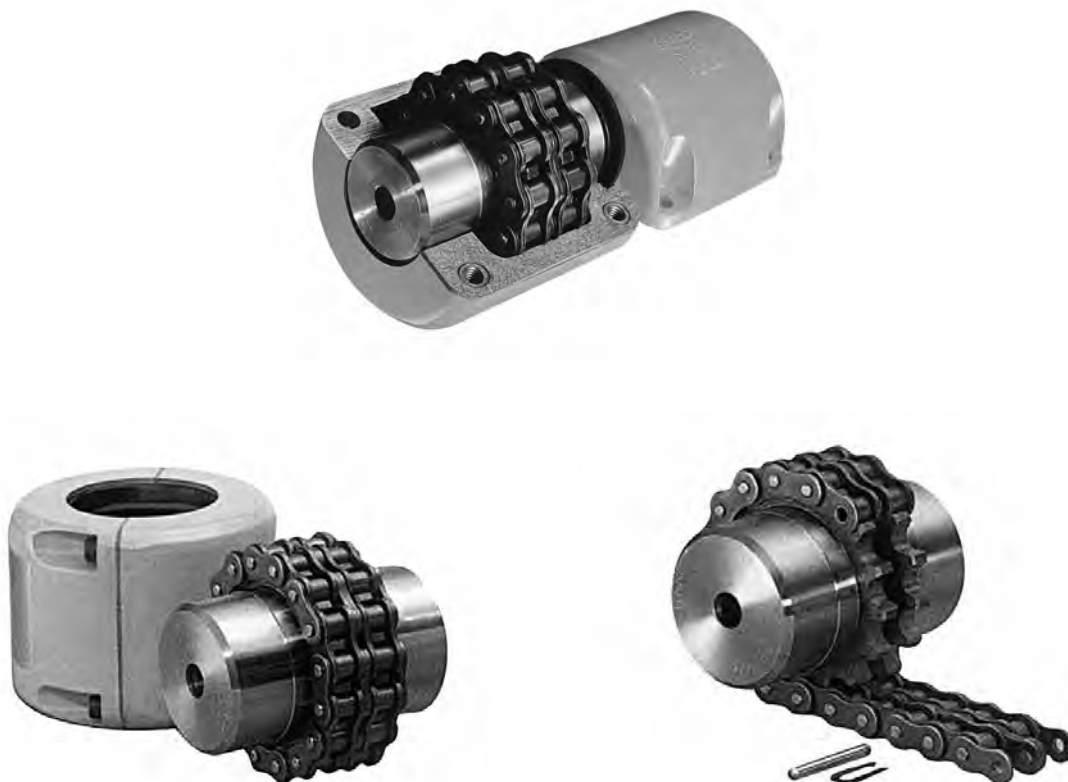
- Self seating
- Reduced end disc pre-stressing
- Minimal axial shaft movement
- Equally spaced bolts for uniform draw-up
- Capscrew torque-storing capacity is maximized by the flange
- Full length engagement with the hub
- Full size keys in maximum bushing bore sizes of 50 and larger



"XT" Style Hub

Flexible Roller Chain Couplings are composed of a double strand roller chain and two sprockets. Roller chain couplings have a torque capacity in excess of the torque normally transmitted by shafting which falls within the coupling bore range. Select the smallest coupling which will accommodate both shafts. For a reversing operation, shock or pulsating loads, or other severe operating conditions, select the next larger coupling size.

A cover should be used to assure maximum service life, particularly if the coupling operates at high speeds or under moist or abrasive conditions. For proper lubrication, fill the space between the cover and the coupling with soft to medium consistency bearing grease.



Tsubaki coupling chains feature press fit center-link plates and single pin connectors.

Coupling Chain

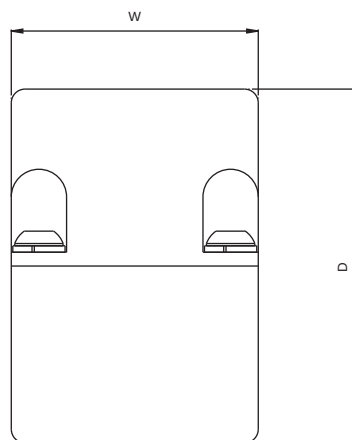
Catalogue Number	Connecting Pin Type	Weight (lbs.)
4012CC	Clip	0.4
4014CC	Clip	0.5
4016CC	Clip	0.6
5014CC	Clip	1.0
5016CC	Clip	1.2
5018CC	Clip	1.4
6018CC	Clip	2.4
6022CC	Clip	2.8
8018CC	Cotter Key	5.5
8022CC	Cotter Key	6.7
10020CC	Cotter Key	10.8
12018CC	Cotter Key	17.7

Coupling Covers

The coupling cover protects the lubricant and in so doing extends the wear life of the flexible chain coupling.

All dimensions in inches unless otherwise stated.

Catalogue Number	For Sizes	D	W	Weight (lbs.)
4012 Cover	4012	2.95	2.95	0.73
4014 Cover	4014	3.31	2.95	0.84
4016 Cover	4016	3.62	2.95	0.90
5014 Cover	5014	3.98	3.35	1.10
5016 Cover	5016	4.37	3.35	1.28
5018 Cover	5018	4.8	3.35	1.45
6018 Cover	6018	5.59	4.17	2.11
6022 Cover	6022	6.57	4.17	2.86
8018 Cover	8018	7.32	5.12	4.40
8022 Cover	8022	8.66	5.12	5.50
10020 Cover	10020	9.84	5.83	8.14
12018 Cover	12018	12.09	7.13	7.26

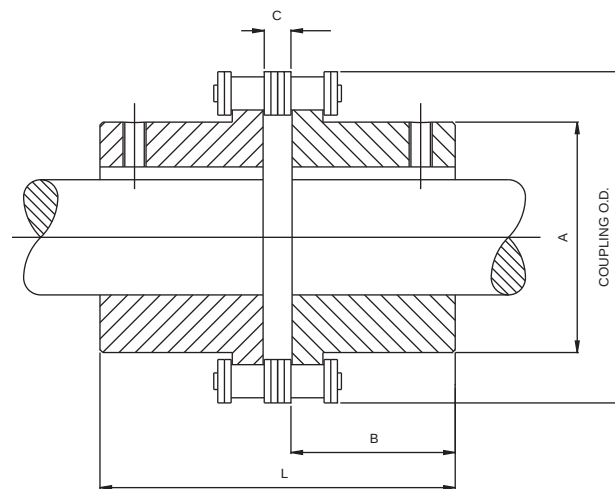


Finished Bore Couplings

All dimensions in inches unless otherwise stated.

Catalogue Number	Maximum Bore	A	B	C	L	Coupling O.D.
4012F	1	1.38	1.42	0.29	3.13	2.40
4014F	1	1.69	1.42	0.29	3.13	2.72
4016F	1 1/4	1.97	1.57	0.29	3.44	3.03
5014F	1 1/4	2.09	1.77	0.38	3.93	3.39
5016F	1 9/16	2.36	1.77	0.38	3.93	3.78
5018F	1 7/8	2.76	1.77	0.38	3.93	4.17
6018F	2 3/8	3.35	2.20	0.45	4.86	5.04
6022F	2 1/8	4.33	2.20	0.45	4.86	5.98
8018F	2 7/16	4.53	2.48	0.60	5.56	6.69
8022F	2 15/16	5.51	2.80	0.60	6.19	7.99
10020F	3	6.30	3.15	0.74	7.04	9.17
12018F	3 1/2	6.69	3.54	0.89	7.98	10.08

All Tsubaki couplings have hardened teeth.



"QD" & "Taper-Lock" Style Couplings

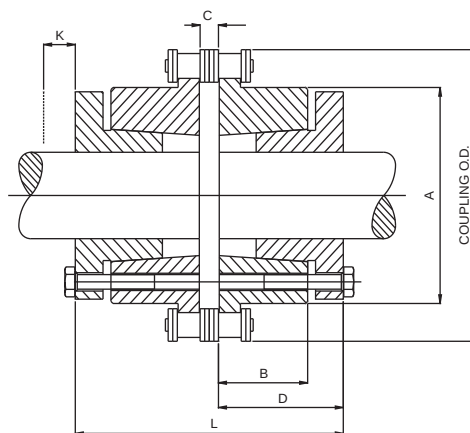
"QD" Style Couplings

All dimensions in inches unless otherwise stated.

Coupling Number	Bushing Used	* Maximum Bore	Dimensions					Coupling O.D.	** K	Weight (lbs.)
			A	B	C	D	L			
4016JA	JA	1	2	7/8	9/32	1 5/16	2 29/32	3 1/32	1 1/4	0.9
5018SH	SH	1 3/8	2 31/32	1	3/8	1 1/2	3 3/8	4 3/16	1 3/4	1.3
6020SK	SK	2 1/8	3 7/8	1 1/4	7/16	1 7/8	4 3/16	5 1/2	2 1/4	2.5
8018SF	SF	2 5/16	4 9/16	1 3/4	37/64	2 3/8	5 21/64	6 21/32	2 1/4	5.3

* Maximum bore suggested with standard keyway.

** Minimum clearance required to remove the coupling half by using the screws as jack screws.



"Taper-Lock" style Couplings

All dimensions in inches unless otherwise stated.

Type "TLH" Coupling Number	Type "TLF" Coupling Number	Bushing Data			Dimensions							Weight (lbs.)
		Bushing Used	Max. Bore	Min. Bore	A	B	C	* J	** K	L	Coupling O.D.	
4016TLH	4016TLF	1108	1 1/8	1/2	1 31/32	7/8	9/32	5/8	3/4	2 1/32	3 1/32	0.9
5018TLH	5018TLF	1610	1 5/8	1/2	2 31/32	1	3/8	13/16	1 1/16	2 3/8	4 3/16	1.1
6020TLH	6020TLF	2012	2	1/2	3 7/8	1 1/4	7/16	15/16	1 3/8	2 15/16	5 1/2	2.7
8020TLH	8020TLF	3020	3	15/16	5 3/8	2	37/64	1 3/16	2 1/16	4 37/64	7 19/64	6.1
10020TLH	10020TLF	3535	3 1/2	1 3/16	6 23/32	3 1/2	23/32	2	2 5/8	7 23/32	9 1/8	19.0

Notes:

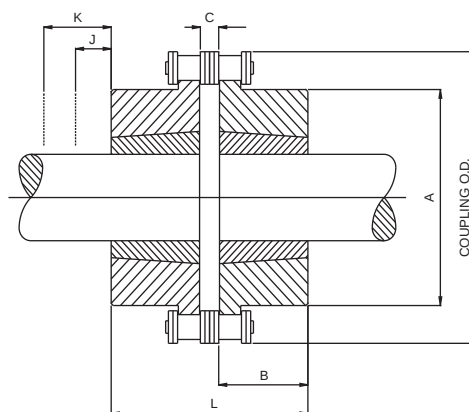
TLH type "Taper-Lock" style bushing installs from the hub side of the flange.

TLF type "Taper-Lock" style bushing installs from the face side.

* Space required to tighten bushing with shortened hex key.

Space is also required to loosen screws to permit the removal of the hub by the puller.

** Space required to loosen bushing with shortened hex key using screws as jack screws. No puller is required.





Chains and sprockets must work together, so buying them from the same source makes sense. When chains and sprockets articulate correctly, the life of the chain is extended. That means long-term savings and real value for your application.

Start with High-Quality Materials

Tsubaki sprockets for Engineering Class Chain are made with quality material-usually carbon steel. Heat-treated carbon steel provides long wear life, resists abrasion, and withstands heavy shock loads. We can also manufacture sprockets using special materials to meet your specific needs. For example, we can make sprockets from alloy steel, stainless steel, or bronze. The result is always the same: Tsubaki sprockets are designed to maximize the life of your chain and to keep your operation running smoothly.

Flame Cut for Long Wear

Tsubaki Engineering Class sprockets are flame machined, not torched. This optional manufacturing operation ensures hardened teeth to better stand up to rigorous applications. And we build the same quality into every manufacturing step. We use state-of-the-art computer-controlled machinery to precision manufacture heavy-duty sprockets that consistently provide the highest standard of performance.

Select the Sprocket You Need

Tsubaki offers a full line of Engineering Class Sprockets. In addition to providing Engineering Class Sprockets for every Tsubaki chain, our sprockets can be used with chains made by many other manufacturers. Check the Sprocket Cross-Reference Chart in the back of this section. If the chain you are using is not listed, Tsubaki can manufacture custom engineering class sprockets to suit your chain specifications. If you have any questions, please contact Tsubaki Technical Support.

Sprocket Specification Table Example

The Specification Tables in this catalogue are designed for quick and easy reference. Each table lists the number of teeth, critical dimensions, and standard specifications. You'll also find all pertinent data for selecting and ordering standard Engineering Class Sprockets, including materials and approximate weights. An example is shown below.

Use the Sprocket Number to order. See the Selection Guidelines at the end of Section C for more information.

"For Tsubaki Chain Number..." lists all chains that will run on this sprocket. See the Product Cross-Reference (Section D) for other industry chain numbers.

Sprocket Number US-3075
For Tsubaki Chain Numbers US-3075, US-1031, US-1030, 30701, US-1032

All dimensions are in inches unless otherwise specified.

3.075 Pitch				1.250 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalog Number	Stock Bore	Approx. Wgt. (lbs.)	Catalog Number	Stock Bore	Max. Bore	Pitch Dia.	Hub Dia.	L.T.B.	Approx. Wgt. (lbs.)
8	US-3075A8	1.25	18.0	US-3075C8	1.25	3.19	8.035	5.25	3.88	33.0
9	US-3075A9	1.25	22.0	US-3075C9	1.25	3.19	8.991	5.25	3.88	37.0
10	US-3075A10	1.50	27.0	US-3075C10	1.50	3.44	9.951	5.50	4.25	48.0
11	US-3075A11	1.50	33.0	US-3075C11	1.50	3.44	10.915	5.50	4.25	53.0
12	US-3075A12	1.50	39.0	US-3075C12	1.50	3.44	11.881	5.50	4.25	60.0
13	US-3075A13	1.50	46.0	US-3075C13	1.50	3.44	12.849	5.50	4.25	66.0
14	US-3075A14	1.50	53.0	US-3075C14	1.50	3.44	13.819	5.50	4.25	73.0
15	US-3075A15	1.50	61.0	US-3075C15	1.50	3.94	14.790	6.50	5.00	93.0
17	US-3075A17	1.50	78.0	US-3075C17	1.50	3.94	16.735	6.50	5.00	110.0
19	US-3075A19	1.50	97.0	US-3075C19	1.50	3.94	18.682	6.50	5.00	129.0
21	US-3075A21	1.50	119.0	US-3075C21	1.50	3.94	20.632	6.50	5.00	151.0
24 ¹	US-3075A24	1.50	155.0	US-3075C24	1.50	3.94	23.558	6.50	5.00	169.0
30 ¹	US-3075A30	1.50	241.0	US-3075C30	1.50	3.94	29.418	6.50	5.00	227.0
36 ¹	US-3075A36	1.50	347.0	US-3075C36	1.50	5.44	35.282	8.00	6.25	332.0
42 ¹	US-3075A42	1.50	472.0	US-3075C42	1.50	5.44	41.148	8.00	6.25	399.0
48 ¹	US-3075A48	1.50	616.0	US-3075C48	1.50	5.44	47.016	8.00	6.25	458.0

¹Furnished standard with lightening holes.



Sprocket Number US-64S

For Tsubaki Chain Numbers US-64S, US-64SH

All dimensions are in inches unless otherwise specified.

2.500 Pitch

1.562 Roller Diameter
1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	US-64SA9	1.50	15	US-64SC9	1.50	2.44	7.310	4.00	2.75	19
10	US-64SA10	1.50	18	US-64SC10	1.50	2.94	8.090	4.75	3.13	27
11	US-64SA11	1.50	22	US-64SC11	1.50	3.19	8.874	5.25	3.88	36
12	US-64SA12	1.50	26	US-64SC12	1.50	3.44	9.659	5.50	4.25	46
13	US-64SA13	1.50	30	US-64SC13	1.50	3.44	10.446	5.50	4.25	51
14	US-64SA14	1.50	35	US-64SC14	1.50	3.44	11.235	5.50	4.25	56
15	US-64SA15	1.50	40	US-64SC15	1.50	3.44	12.024	5.50	4.25	61
17	US-64SA17	1.50	52	US-64SC17	1.50	3.44	13.605	5.50	4.25	72
19	US-64SA19	1.50	64	US-64SC19	1.50	3.94	15.189	6.50	5.00	97
21	US-64SA21	1.50	78	US-64SC21	1.50	3.94	16.774	6.50	5.00	111
24	US-64SA24	1.50	102	US-64SC24	1.50	3.94	19.153	6.50	5.00	135
30	US-64SA30	1.50	159	US-64SC30	1.50	4.44	23.917	7.00	6.00	200
36	US-64SA36	1.50	229	US-64SC36	1.50	4.44	28.684	7.00	6.00	270
42	US-64SA42	1.50	312	US-64SC42	1.50	5.44	33.454	8.00	6.25	352
48	US-64SA48	1.50	407	US-64SC48	1.50	5.44	38.224	8.00	6.25	460
54	US-64SA54	1.50	515	US-64SC54	1.50	5.44	42.996	8.00	6.25	568
60	US-64SA60	1.50	636	US-64SC60	1.50	5.94	47.768	9.00	6.50	703



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-882 For Tsubaki Chain Number US-881

All dimensions are in inches unless otherwise specified.

2.609 Pitch

.875 Roller Diameter
.875 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-882A8	1.25	9	US-882C8	1.25	2.94	6.817	4.75	3.13	19
9	US-882A9	1.25	11	US-882C9	1.25	3.19	7.628	5.25	3.88	28
10	US-882A10	1.25	14	US-882C10	1.25	3.19	8.442	5.25	3.88	31
11	US-882A11	1.25	17	US-882C11	1.25	3.19	9.260	5.25	3.88	34
12	US-882A12	1.25	20	US-882C12	1.25	3.19	10.080	5.25	3.88	37
13	US-882A13	1.50	23	US-882C13	1.50	3.44	10.901	5.50	4.25	44
14	US-882A14	1.50	27	US-882C14	1.50	3.44	11.724	5.50	4.25	47
15	US-882A15	1.50	31	US-882C15	1.50	3.44	12.548	5.50	4.25	51
17	US-882A17	1.50	39	US-882C17	1.50	3.44	14.198	5.50	4.25	58
19	US-882A19	1.50	49	US-882C19	1.50	3.94	15.851	6.50	5.00	86
21	US-882A21	1.50	60	US-882C21	1.50	3.94	17.505	6.50	5.00	97
24	US-882A24	1.50	78	US-882C24	1.50	3.94	19.988	6.50	5.00	115
25	US-882A25	1.50	85	US-882C25	1.50	3.94	20.816	6.50	5.00	121
28	US-882A28	1.50	106	US-882C28	1.50	3.94	23.302	6.50	5.00	142
30	US-882A30	1.50	121	US-882C30	1.50	3.94	24.959	6.50	5.00	154
35	US-882A35	1.50	165	US-882C35	1.50	3.94	29.105	6.50	5.00	198
40	US-882A40	1.50	216	US-882C40	1.50	4.44	33.252	7.00	6.00	253
42	US-882A42	1.50	238	US-882C42	1.50	4.44	34.912	7.00	6.00	276
46	US-882A46	1.50	285	US-882C46	1.50	4.44	38.231	7.00	6.00	323
54	US-882A54	1.50	393	US-882C54	1.50	5.44	44.870	8.00	6.25	422
60	US-882A60	1.50	485	US-882C60	1.50	5.44	49.851	8.00	6.25	534

Sprocket Number 344SXX For Tsubaki Chain Number 344SXX

All dimensions are in inches unless otherwise specified.

3.000 Pitch

1.781 Roller Diameter
1.750 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	344SXXA8	1.50	24	344SXXC8	1.50	2.94	7.839	4.75	3.12	30
9	344SXXA9	1.50	30	344SXXC9	1.50	3.44	8.771	5.50	4.25	47
10	344SXXA10	1.50	37	344SXXC10	1.50	3.94	9.708	6.50	5.00	65
11	344SXXA11	1.50	44	344SXXC11	1.50	4.44	10.648	7.00	6.00	88
12	344SXXA12	1.50	52	344SXXC12	1.50	4.44	11.591	7.00	6.00	96
13	344SXXA13	1.50	61	344SXXC13	1.50	5.44	12.536	8.00	6.25	121
14	344SXXA14	1.50	71	344SXXC14	1.50	5.44	13.482	8.00	6.25	130
15	344SXXA15	1.50	81	344SXXC15	1.50	5.44	14.429	8.00	6.25	141
17	344SXXA17	1.50	104	344SXXC17	1.50	5.94	16.327	9.00	6.50	187
19	344SXXA19	1.50	130	344SXXC19	1.50	5.94	18.227	9.00	6.50	212
21	344SXXA21	1.50	158	344SXXC21	1.50	5.94	20.129	9.00	6.50	241
24	344SXXA24	1.50	206	344SXXC24	1.50	6.50	22.984	10.00	6.75	314
30	344SXXA30	1.50	321	344SXXC30	1.50	6.50	28.700	10.00	6.75	430
36	344SXXA36	1.50	462	344SXXC36	1.50	7.00	34.421	11.00	7.75	576
42	344SXXA42	1.50	629	344SXXC42	1.50	7.00	40.144	11.00	7.75	743
48	344SXXA48	1.50	821	344SXXC48	1.50	7.00	45.869	11.00	7.75	935



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-3011 For Tsubaki Chain Number US-3011

All dimensions are in inches unless otherwise specified.

3.067 Pitch

1.625 Roller Diameter
1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-3011A8	1.25	18	US-3011C8	1.25	2.94	8.014	4.75	3.12	20
9	US-3011A9	1.25	22	US-3011C9	1.25	3.19	8.967	5.25	3.88	37
10	US-3011A10	1.50	27	US-3011C10	1.50	3.44	9.925	5.50	4.25	48
11	US-3011A11	1.50	33	US-3011C11	1.50	3.44	10.886	5.50	4.25	53
12	US-3011A12	1.50	39	US-3011C12	1.50	3.44	11.850	5.50	4.25	60
13	US-3011A13	1.50	46	US-3011C13	1.50	3.44	12.816	5.50	4.25	66
14	US-3011A14	1.50	53	US-3011C14	1.50	3.44	13.783	5.50	4.25	73
15	US-3011A15	1.50	61	US-3011C15	1.50	3.94	14.751	6.50	5.00	93
17	US-3011A17	1.50	78	US-3011C17	1.50	3.94	16.691	6.50	5.00	110
19	US-3011A19	1.50	97	US-3011C19	1.50	3.94	18.634	6.50	5.00	129
21	US-3011A21	1.50	118	US-3011C21	1.50	3.94	20.578	6.50	5.00	150
24	US-3011A24	1.50	154	US-3011C24	1.50	4.44	23.497	7.00	6.00	204
30	US-3011A30	1.50	240	US-3011C30	1.50	4.44	29.341	7.00	6.00	280
36	US-3011A36	1.50	345	US-3011C36	1.50	5.44	35.190	8.00	6.25	398
42	US-3011A42	1.50	469	US-3011C42	1.50	5.44	41.041	8.00	6.25	522
48	US-3011A48	1.50	613	US-3011C48	1.50	5.44	46.894	8.00	6.25	666

Sprocket Number US-3075 For Tsubaki Chain Numbers US-3075, US-1031, US-1030, 30701, US-1032

3.075 Pitch

1.250 Roller Diameter
1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-3075A8	1.25	18	US-3075C8	1.25	3.19	8.035	5.25	3.88	32
9	US-3075A9	1.25	22	US-3075C9	1.25	3.19	8.991	5.25	3.88	36
10	US-3075A10	1.50	27	US-3075C10	1.50	3.44	9.951	5.50	4.25	48
11	US-3075A11	1.50	33	US-3075C11	1.50	3.44	10.915	5.50	4.25	53
12	US-3075A12	1.50	39	US-3075C12	1.50	3.44	11.881	5.50	4.25	60
13	US-3075A13	1.50	46	US-3075C13	1.50	3.44	12.849	5.50	4.25	74
14	US-3075A14	1.50	53	US-3075C14	1.50	3.44	13.819	5.50	4.25	81
15	US-3075A15	1.50	61	US-3075C15	1.50	3.94	14.790	6.50	5.00	100
16	US-3075A16	1.50	69	US-3075C16	1.50	3.94	15.762	6.50	5.00	116
17	US-3075A17	1.50	78	US-3075C17	1.50	3.94	16.735	6.50	5.00	124
18	US-3075A18	1.50	87	US-3075C18	1.50	3.94	17.708	6.50	5.00	134
19	US-3075A19	1.50	97	US-3075C19	1.50	3.94	18.682	6.50	5.00	144
20	US-3075A20	1.50	108	US-3075C20	1.50	3.94	19.657	6.50	5.00	154
21	US-3075A21	1.50	119	US-3075C21	1.50	3.94	20.632	6.50	5.00	165
22	US-3075A22	1.50	130	US-3075C22	1.50	3.94	21.607	6.50	5.00	177
24	US-3075A24	1.50	155	US-3075C24	1.50	3.94	23.558	6.50	5.00	201
25	US-3075A25	1.50	168	US-3075C25	1.50	3.94	24.535	6.50	5.00	214
28	US-3075A28	1.50	210	US-3075C28	1.50	3.94	27.464	6.50	5.00	256
30	US-3075A30	1.50	241	US-3075C30	1.50	3.94	29.418	6.50	5.00	287
32	US-3075A32	1.50	274	US-3075C32	1.50	5.44	31.372	8.00	6.25	362
35	US-3075A35	1.50	328	US-3075C35	1.50	5.44	34.304	8.00	6.25	416
36	US-3075A36	1.50	347	US-3075C36	1.50	5.44	35.282	8.00	6.25	435
40	US-3075A40	1.50	428	US-3075C40	1.50	5.44	39.192	8.00	6.25	516
42	US-3075A42	1.50	472	US-3075C42	1.50	5.44	41.148	8.00	6.25	560
48	US-3075A48	1.50	616	US-3075C48	1.50	5.44	47.016	8.00	6.25	704
54	US-3075A54	1.50	780	US-3075C54	1.50	6.19	52.885	9.50	6.75	914
60	US-3075A60	1.50	963	US-3075C60	1.50	6.50	58.755	10.00	7.50	1,128



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-3514

For Tsubaki Chain Number US-3514

All dimensions are in inches unless otherwise specified.

3.500 Pitch

1.750 Roller Diameter
1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-3514A8	1.5	23	US-3514C8	1.5	3.62	9.146	5.75	5.00	49
9	US-3514A9	1.5	29	US-3514C9	1.5	4.44	10.233	7	6.00	78
10	US-3514A10	1.5	36	US-3514C10	1.5	4.44	11.326	7	6.00	85
11	US-3514A11	1.5	43	US-3514C11	1.5	5.44	12.423	8	6.25	111
12	US-3514A12	1.5	51	US-3514C12	1.5	5.44	13.523	8	6.25	119
13	US-3514A13	1.5	60	US-3514C13	1.5	5.44	14.625	8	6.25	127
14	US-3514A14	1.5	69	US-3514C14	1.5	5.44	15.729	8	6.25	137
15	US-3514A15	1.5	79	US-3514C15	1.5	5.44	16.834	8	6.25	147
16	US-3514A16	1.5	90	US-3514C16	1.5	5.94	17.94	9	6.50	206
17	US-3514A17	1.5	101	US-3514C17	1.5	5.94	19.048	9	6.50	217
18	US-3514A18	1.5	113	US-3514C18	1.5	5.94	20.156	9	6.50	229
19	US-3514A19	1.5	126	US-3514C19	1.5	5.94	21.264	9	6.50	242
20	US-3514A20	1.5	140	US-3514C20	1.5	5.94	22.374	9	6.50	256
21	US-3514A21	1.5	154	US-3514C21	1.5	6.50	23.483	10	6.75	270
22	US-3514A22	1.5	169	US-3514C22	1.5	6.50	24.593	10	6.75	285
24	US-3514A24	1.5	200	US-3514C24	1.5	6.50	26.815	10	6.75	317
25	US-3514A25	1.5	217	US-3514C25	1.5	6.50	27.926	10	6.75	334
28	US-3514A28	1.5	273	US-3514C28	1.5	6.50	31.26	10	6.75	389
30	US-3514A30	1.5	313	US-3514C30	1.5	7.00	33.484	11	7.75	429
32	US-3514A32	1.5	355	US-3514C32	1.5	7.00	35.708	11	7.75	472
35	US-3514A35	1.5	425	US-3514C35	1.5	7.00	39.045	11	7.75	541
36	US-3514A36	1.5	450	US-3514C36	1.5	7.00	40.158	11	7.75	566
40	US-3514A40	1.5	555	US-3514C40	1.5	7.00	44.609	11	7.75	671
42	US-3514A42	1.5	612	US-3514C42	1.5	7.00	46.835	11	7.75	728
48	US-3514A48	1.5	798	US-3514C48	1.5	7.00	53.514	11	7.75	915



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-1242

For Tsubaki Chain Number US-1242, US-1241

All dimensions are in inches unless otherwise specified.

4.063 Pitch										1.750 Roller Diameter 1.750 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-1242A8	1.5	44	US-1242C8	1.5	3.94	10.617	6.5	5.00	90
9	US-1242A9	1.5	55	US-1242C9	1.5	4.44	11.879	7.0	6.00	99
10	US-1242A10	1.5	67	US-1242C10	1.5	5.44	13.148	8.0	6.25	129
11	US-1242A11	1.5	81	US-1242C11	1.5	5.44	14.421	8.0	6.25	142
12	US-1242A12	1.5	96	US-1242C12	1.5	5.44	15.698	8.0	6.25	157
13	US-1242A13	1.5	113	US-1242C13	1.5	5.44	16.978	8.0	6.25	174
14	US-1242A14	1.5	130	US-1242C14	1.5	5.94	18.259	9.0	6.50	213
15	US-1242A15	1.5	149	US-1242C15	1.5	5.94	19.542	9.0	6.50	232
16	US-1242A16	1.5	160	US-1242C16	1.5	5.94	20.826	9.0	6.50	265
17	US-1242A17	1.5	190	US-1242C17	1.5	5.94	22.112	9.0	6.50	306
18	US-1242A18	1.5	214	US-1242C18	1.5	6.50	23.398	10.0	6.75	362
19	US-1242A19	1.5	238	US-1242C19	1.5	6.50	24.685	10.0	6.75	387
20	US-1242A20	1.5	263	US-1242C20	1.5	6.50	25.973	10.0	6.75	412
21	US-1242A21	1.5	290	US-1242C21	1.5	6.50	27.261	10.0	6.75	439
22	US-1242A22	1.5	318	US-1242C22	1.5	6.50	28.549	10.0	6.75	467
24	US-1242A24	1.5	378	US-1242C24	1.5	6.50	31.128	10.0	6.75	528
25	US-1242A25	1.5	410	US-1242C25	1.5	6.50	32.418	10.0	6.75	560
28	US-1242A28	1.5	514	US-1242C28	1.5	6.50	36.288	10.0	6.75	663
30	US-1242A30	1.5	590	US-1242C30	1.5	7.00	38.87	11.0	7.75	797
32	US-1242A32	1.5	670	US-1242C32	1.5	7.00	41.452	11.0	7.75	878
35	US-1242A35	1.5	802	US-1242C35	1.5	7.00	45.326	11.0	7.75	1,010
36	US-1242A36	1.5	848	US-1242C36	1.5	7.00	46.618	11.0	7.75	1,056
40	US-1242A40	1.5	1047	US-1242C40	1.5	7.00	51.785	11.0	7.75	1,254
42	US-1242A42	1.5	1154	US-1242C42	1.5	7.00	54.369	11.0	7.75	1,361
48	US-1242A48	1.5	1400	US-1242C48	1.5	7.00	62.122	11.0	7.75	1,714

Sprocket Number US-1245

For Tsubaki Chain Number US-1245

All dimensions are in inches unless otherwise specified.

4.073 Pitch										1.781 Roller Diameter 1.750 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	US-1245A9	1.50	55	US-1245C9	1.50	4.44	11.909	7.0	6.00	99
10	US-1245A10	1.50	68	US-1245C10	1.50	5.44	13.181	8.0	6.25	129
11	US-1245A11	1.50	82	US-1245C11	1.50	5.44	14.457	8.0	6.25	143
12	US-1245A12	1.50	97	US-1245C12	1.50	5.44	15.737	8.0	6.25	158
13	US-1245A13	1.50	113	US-1245C13	1.50	5.44	17.019	8.0	6.25	174
14	US-1245A14	1.50	131	US-1245C14	1.50	5.94	18.304	9.0	6.50	213
15	US-1245A15	1.50	150	US-1245C15	1.50	5.94	19.590	9.0	6.50	232
17	US-1245A17	1.50	192	US-1245C17	1.50	5.94	22.166	9.0	6.50	274
19	US-1245A19	1.50	239	US-1245C19	1.50	6.50	24.746	10.0	6.75	347
21	US-1245A21	1.50	292	US-1245C21	1.50	6.50	27.328	10.0	6.75	400
24	US-1245A24	1.50	380	US-1245C24	1.50	6.50	31.204	10.0	6.75	474
30	US-1245A30	1.50	592	US-1245C30	1.50	7.00	38.965	11.0	7.75	706
36	US-1245A36	1.50	852	US-1245C36	1.50	7.00	46.732	11.0	7.75	966



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-4122

For Tsubaki Chain Number US-4122

All dimensions are in inches unless otherwise specified.

4.090 Pitch				2.000 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	US-4122A9	1.50	56	US-4122C9	1.50	4.44	11.958	7.0	6.00	99
10	US-4122A10	1.50	68	US-4122C10	1.50	5.44	13.236	8.0	6.25	129
11	US-4122A11	1.50	82	US-4122C11	1.50	5.44	14.517	8.0	6.25	143
12	US-4122A12	1.50	97	US-4122C12	1.50	5.44	15.803	8.0	6.25	159
13	US-4122A13	1.50	114	US-4122C13	1.50	5.44	17.090	8.0	6.25	175
14	US-4122A14	1.50	132	US-4122C14	1.50	5.94	18.380	9.0	6.50	214
15	US-4122A15	1.50	151	US-4122C15	1.50	5.94	19.672	9.0	6.50	234
17	US-4122A17	1.50	193	US-4122C17	1.50	5.94	22.259	9.0	6.50	276
19	US-4122A19	1.50	241	US-4122C19	1.50	6.50	24.849	10.0	6.75	349
21	US-4122A21	1.50	294	US-4122C21	1.50	6.50	27.442	10.0	6.75	402
24	US-4122A24	1.50	383	US-4122C24	1.50	6.50	31.335	10.0	6.75	477
30	US-4122A30	1.50	597	US-4122C30	1.50	7.00	39.128	11.0	7.75	711
36	US-4122A36	1.50	859	US-4122C36	1.50	7.00	46.927	11.0	7.75	973

Sprocket Number US-4522

For Tsubaki Chain Number US-4522

All dimensions are in inches unless otherwise specified.

4.500 Pitch				2.250 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
10	US-4522A10	1.5	83	US-4522C10	1.5	5.44	14.562	8.0	6.25	144
11	US-4522A11	1.5	100	US-4522C11	1.5	5.44	15.973	8.0	6.25	161
12	US-4522A12	1.5	118	US-4522C12	1.5	5.44	17.387	8.0	6.25	179
13	US-4522A13	1.5	138	US-4522C13	1.5	5.44	18.804	8.0	6.25	199
14	US-4522A14	1.5	160	US-4522C14	1.5	5.94	20.223	9.0	6.50	242
15	US-4522A15	1.5	183	US-4522C15	1.5	5.94	21.644	9.0	6.50	265
17	US-4522A17	1.5	234	US-4522C17	1.5	5.94	24.490	9.0	6.50	317
19	US-4522A19	1.5	292	US-4522C19	1.5	6.50	27.340	10.0	6.75	400
21	US-4522A21	1.5	356	US-4522C21	1.5	6.50	30.193	10.0	6.75	505
24	US-4522A24	1.5	464	US-4522C24	1.5	6.50	34.476	10.0	6.75	613
30	US-4522A30	1.5	723	US-4522C30	1.5	7.00	43.050	11.0	7.75	931
35	US-4522A35	1.5	984	US-4522C35	1.5	7.00	50.201	11.0	7.75	1,192
36	US-4522A36	1.5	1040	US-4522C36	1.5	7.00	51.632	11.0	7.75	1,248
42	US-4522A42	1.5	1415	US-4522C42	1.5	7.00	60.217	11.0	7.75	1,623
48	US-4522A48	1.5	1848	US-4522C48	1.5	7.00	68.804	11.0	7.75	2,055



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-5035

For Tsubaki Chain Numbers US-5035, US-5031

All dimensions are in inches unless otherwise specified.

5.000 Pitch				2.500 Roller Diameter 2.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
10	US-5035A10	1.5	131	US-5035C10	1.5	3.94	16.18	6.5	5.50	182
11	US-5035A11	1.5	158	US-5035C11	1.5	6.50	17.747	10.0	6.75	255
12	US-5035A12	1.5	187	US-5035C12	1.5	7.00	19.319	11.0	7.75	332
13	US-5035A13	1.5	219	US-5035C13	1.5	7.00	20.893	11.0	7.75	364
14	US-5035A14	1.5	253	US-5035C14	1.5	7.00	22.47	11.0	7.75	398
15	US-5035A15	1.5	290	US-5035C15	1.5	8.00	24.049	12.0	8.50	487
17	US-5035A17	1.5	372	US-5035C17	1.5	8.00	27.211	12.0	8.50	568
19	US-5035A19	1.5	463	US-5035C19	1.5	9.00	30.378	13.0	9.00	713
21	US-5035A21	1.5	565	US-5035C21	1.5	9.00	33.548	13.0	9.00	815
24	US-5035A24	1.5	736	US-5035C24	1.5	9.00	38.306	13.0	9.00	1,074
30	US-5035A30	1.5	1148	US-5035C30	1.5	9.50	47.834	14.0	9.50	1,562
35	US-5035A35	1.5	1561	US-5035C35	1.5	9.50	55.779	14.0	9.50	1,975
36	US-5035A36	1.5	1651	US-5035C36	1.5	9.50	57.369	14.0	9.50	2,065
42	US-5035A42	1.5	2246	US-5035C42	1.5	9.50	66.907	14.0	9.50	2,660
48	US-5035A48	1.5	2930	US-5035C48	1.5	9.50	76.449	14.0	9.50	3,346

Sprocket Number US-5042

For Tsubaki Chain Number US-5042

All dimensions are in inches unless otherwise specified.

5.000 Pitch				3.000 Roller Diameter 2.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
11	US-5042A11	1.5	176	US-5042C11	1.5	6.5	17.747	10.0	6.75	267
12	US-5042A12	1.5	208	US-5042C12	1.5	6.5	19.319	10.0	6.75	299
13	US-5042A13	1.5	243	US-5042C13	1.5	7.0	20.893	11.0	7.75	381
14	US-5042A14	1.5	281	US-5042C14	1.5	7.0	22.470	11.0	7.75	419
15	US-5042A15	1.5	322	US-5042C15	1.5	7.0	24.049	11.0	7.75	460
17	US-5042A17	1.5	413	US-5042C17	1.5	8.0	27.211	12.0	8.50	601
19	US-5042A19	1.5	514	US-5042C19	1.5	8.0	30.378	12.0	8.50	703
21	US-5042A21	1.5	627	US-5042C21	1.5	9.0	33.548	13.0	9.00	868
24	US-5042A24	1.5	817	US-5042C24	1.5	9.0	38.306	13.0	9.00	1,006
30	US-5042A30	1.5	1,275	US-5042C30	1.5	9.0	47.834	13.0	9.00	1,463



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-5542 For Tsubaki Chain Number US-5542

All dimensions are in inches unless otherwise specified.

5.500 Pitch

3.000 Roller Diameter
2.500 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
11	US-5542A11	1.5	212	US-5542C11	1.5	6.5	19.522	10.0	6.75	304
12	US-5542A12	1.5	252	US-5542C12	1.5	7.0	21.250	11.0	7.75	390
13	US-5542A13	1.5	294	US-5542C13	1.5	7.0	22.982	11.0	7.75	432
14	US-5542A14	1.5	341	US-5542C14	1.5	7.0	24.717	11.0	7.75	478
15	US-5542A15	1.5	390	US-5542C15	1.5	8.0	26.454	12.0	8.50	579
17	US-5542A17	1.5	499	US-5542C17	1.5	8.0	29.932	12.0	8.50	688
19	US-5542A19	1.5	622	US-5542C19	1.5	9.0	33.415	13.0	9.00	863
21	US-5542A21	1.5	759	US-5542C21	1.5	9.0	36.902	13.0	9.00	1,000
24	US-5542A24	1.5	990	US-5542C24	1.5	9.0	42.137	13.0	9.00	1,178
30	US-5542A30	1.5	1,543	US-5542C30	1.5	9.5	52.617	14.0	9.50	1,761

Sprocket Number US-6042 For Tsubaki Chain Numbers US-6042, US-6066

All dimensions are in inches unless otherwise specified.

6.000 Pitch

3.000 Roller Diameter
2.500 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
11	US-6042A11	1.5	253	US-6042C11	1.5	6.5	21.297	10.0	6.75	344
12	US-6042A12	1.5	300	US-6042C12	1.5	7.0	23.182	11.0	7.75	437
13	US-6042A13	1.5	350	US-6042C13	1.5	7.0	25.071	11.0	7.75	488
14	US-6042A14	1.5	405	US-6042C14	1.5	7.0	26.964	11.0	7.75	543
15	US-6042A15	1.5	464	US-6042C15	1.5	8.0	28.858	12.0	8.50	653
17	US-6042A17	1.5	594	US-6042C17	1.5	8.0	32.653	12.0	8.50	783
19	US-6042A19	1.5	741	US-6042C19	1.5	9.0	36.453	13.0	9.00	981
21	US-6042A21	1.5	903	US-6042C21	1.5	9.0	40.257	13.0	9.00	1,091
24	US-6042A24	1.5	1,177	US-6042C24	1.5	9.0	45.968	13.0	9.00	1,366
30	US-6042A30	1.5	1,837	US-6042C30	1.5	9.5	57.401	14.0	9.50	2,054

Sprocket Number US-7080 For Tsubaki Chain Number US-7080

All dimensions are in inches unless otherwise specified.

7.000 Pitch

4.500 Roller Diameter
2.750 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
11	US-7080A11	1.5	379	US-7080C11	1.5	9.0	24.846	13.0	9.0	610
12	US-7080A12	1.5	449	US-7080C12	1.5	9.0	27.046	13.0	9.0	680
13	US-7080A13	1.5	525	US-7080C13	1.5	9.0	29.250	13.0	9.0	756
14	US-7080A14	1.5	607	US-7080C14	1.5	9.0	31.458	13.0	9.0	838
15	US-7080A15	1.5	695	US-7080C15	1.5	9.5	33.668	14.0	9.5	986
17	US-7080A17	1.5	890	US-7080C17	1.5	9.5	38.095	14.0	9.5	1,180
19	US-7080A19	1.5	1,107	US-7080C19	1.5	9.5	42.529	14.0	9.5	1,338
21	US-7080A21	1.5	1,352	US-7080C21	1.5	10.0	46.967	16.0	10.0	1,652
24	US-7080A24	1.5	1,764	US-7080C24	1.5	10.0	53.629	16.0	10.0	2,063
30	US-7080A30	1.5	2,750	US-7080C30	1.5	10.0	66.967	16.0	10.0	3,050



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 378RX

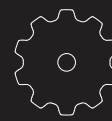
For Tsubaki Chain Numbers 378RX, 378R, 162R, 462R

All dimensions are in inches unless otherwise specified.

1.654 Pitch				.875 Roller Diameter .750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	378RXA9	1.25	4.0	378RXC9	1.25	1.94	4.836	3.00	2.250	7.0
10	378RXA10	1.25	5.0	378RXC10	1.25	1.94	5.352	3.00	2.250	8.0
11	378RXA11	1.25	6.0	378RXC11	1.25	2.44	5.871	4.00	2.750	12.0
12	378RXA12	1.25	7.0	378RXC12	1.25	2.44	6.391	4.00	2.750	13.0
13	378RXA13	1.25	8.0	378RXC13	1.25	2.75	6.911	4.25	3.000	20.0
14	378RXA14	1.25	9.0	378RXC14	1.25	2.94	7.433	4.75	3.000	24.0
15	378RXA15	1.25	10.5	378RXC15	1.25	2.94	7.955	4.75	3.000	25.0
16	378RXA16	1.25	12.0	378RXC16	1.25	2.94	8.478	4.75	3.000	26.5
17	378RXA17	1.25	13.5	378RXC17	1.25	2.94	9.001	4.75	3.000	28.0
18	378RXA18	1.25	15.0	378RXC18	1.25	2.94	9.525	4.75	3.000	30.0
19	378RXA19	1.25	17.0	378RXC19	1.25	2.94	10.049	4.75	3.000	31.5
20	378RXA20	1.25	18.5	378RXC20	1.25	2.94	10.573	4.75	3.000	33.0
21	378RXA21	1.25	20.5	378RXC21	1.25	3.44	11.098	5.50	4.375	49.0
22	378RXA22	1.25	22.5	378RXC22	1.25	3.44	11.622	5.50	4.375	51.0
23	378RXA23	1.25	24.5	378RXC23	1.25	3.44	12.147	5.50	4.375	53.0
24	378RXA24	1.25	27.0	378RXC24	1.25	3.44	12.672	5.50	4.375	55.5
25	378RXA25	1.25	29.0	378RXC25	1.25	3.44	13.197	5.50	4.375	58.0
26	378RXA26	1.25	31.5	378RXC26	1.25	3.44	13.722	5.50	4.375	60.0
27	378RXA27	1.25	34.0	378RXC27	1.25	3.44	14.247	5.50	4.375	62.5
28	378RXA28	1.25	36.5	378RXC28	1.25	3.44	14.773	5.50	4.375	65.0
29	378RXA29	1.25	39.0	378RXC29	1.25	3.44	15.298	5.50	4.375	68.0
30	378RXA30	1.25	42.0	378RXC30	1.25	3.44	15.823	5.50	4.375	70.5
32	378RXA32	1.25	47.5	378RXC32	1.25	3.44	16.875	5.50	4.375	76.0
35	378RXA35	1.25	57.0	378RXC35	1.25	3.44	18.452	5.50	4.375	85.5
36	378RXA36	1.25	60.0	378RXC36	1.25	3.44	18.978	5.50	4.375	89.0
40	378RXA40	1.25	74.0	378RXC40	1.25	3.94	21.081	6.50	5.000	121.0
42	378RXA42	1.25	82.0	378RXC42	1.25	3.94	22.133	6.50	5.000	128.0
48	378RXA48	1.25	107.0	378RXC48	1.25	3.94	25.289	6.50	5.000	153.0
54	378RXA54	1.25	135.0	378RXC54	1.25	3.94	28.446	6.50	5.000	182.0
60	378RXA60	1.25	167.0	378RXC60	1.25	3.94	31.604	6.50	5.000	213.0



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 81X

For Tsubaki Chain Number 81X

All dimensions are in inches unless otherwise specified.

2.609 Pitch

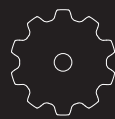
.906 Roller Diameter

.875 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	81XA8	0.94	8	81XC8	0.94	2.44	6.818	4.00	3.50	14
9	81XA9	1.25	10	81XC9	1.25	2.44	7.628	4.00	3.50	16
10	81XA10	1.25	12	81XC10	1.25	2.94	8.443	4.75	3.75	23
11	81XA11	1.25	14	81XC11	1.25	2.94	9.261	4.75	3.75	25
12	81XA12	1.25	17	81XC12	1.25	2.94	10.08	4.75	3.75	28
13	81XA13	1.50	23	81XC13	1.50	3.44	10.902	5.50	4.25	49
14	81XA14	1.50	27	81XC14	1.50	3.44	11.725	5.50	4.25	53
15	81XA15	1.50	31	81XC15	1.50	3.44	12.549	5.50	4.25	58
16	81XA16	1.50	35	81XC16	1.50	3.44	13.373	5.50	4.25	62
17	81XA17	1.50	39	81XC17	1.50	3.44	14.199	5.50	4.25	66
18	81XA18	1.50	44	81XC18	1.50	3.94	15.025	6.50	5.00	89
19	81XA19	1.50	49	81XC19	1.50	3.94	15.851	6.50	5.00	94
20	81XA20	1.50	54	81XC20	1.50	3.94	16.678	6.50	5.00	99
21	81XA21	1.50	60	81XC21	1.50	3.94	17.505	6.50	5.00	105
22	81XA22	1.50	66	81XC22	1.50	3.94	18.333	6.50	5.00	111
23	81XA23	1.50	72	81XC23	1.50	3.94	19.160	6.50	5.00	117
24	81XA24	1.50	78	81XC24	1.50	3.94	19.988	6.50	5.00	123
25	81XA25	1.50	84	81XC25	1.50	3.94	20.817	6.50	5.00	130
26	81XA26	1.50	92	81XC26	1.50	3.94	21.645	6.50	5.00	136
27	81XA27	1.50	98	81XC27	1.50	3.94	22.473	6.50	5.00	144
28	81XA28	1.50	106	81XC28	1.50	3.94	23.302	6.50	5.00	151
29	81XA29	1.50	113	81XC29	1.50	3.94	24.131	6.50	5.00	158
30	81XA30	1.50	121	81XC30	1.50	3.94	24.96	6.50	5.00	166
32	81XA32	1.50	138	81XC32	1.50	3.94	26.618	6.50	5.00	183
35	81XA35	1.50	165	81XC35	1.50	3.94	29.106	6.50	5.00	210
36	81XA36	1.50	175	81XC36	1.50	4.50	29.935	7.25	6.75	250
40	81XA40	1.50	216	81XC40	1.50	4.50	33.253	7.25	6.75	290
42	81XA42	1.50	238	81XC42	1.50	4.50	34.912	7.25	6.75	312
48	81XA48	1.50	311	81XC48	1.50	4.50	39.891	7.25	6.75	385
54	81XA54	1.50	393	81XC54	1.50	4.50	44.871	7.25	6.75	467
60	81XA60	1.50	485	81XC60	1.50	4.50	49.851	7.25	6.75	559



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 87R For Tsubaki Chain Numbers 87R, US-278R

All dimensions are in inches unless otherwise specified.

2.609 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	87RA8	0.94	8	87RC8	0.94	2.44	6.818	4.00	2.750	14
9	87RA9	1.25	10	87RC9	1.25	2.44	7.628	4.00	2.750	16
10	87RA10	1.25	12	87RC10	1.25	2.94	8.443	4.75	3.125	23
11	87RA11	1.25	14	87RC11	1.25	2.94	9.261	4.75	3.125	25
12	87RA12	1.25	17	87RC12	1.25	2.94	10.080	4.75	3.125	28
13	87RA13	1.50	23	87RC13	1.50	3.44	10.902	5.50	4.250	49
14	87RA14	1.50	27	87RC14	1.50	3.44	11.725	5.50	4.250	53
15	87RA15	1.50	31	87RC15	1.50	3.44	12.549	5.50	4.250	58
16	87RA16	1.50	35	87RC16	1.50	3.44	13.373	5.50	4.250	62
17	87RA17	1.50	39	87RC17	1.50	3.44	14.199	5.50	4.250	66
18	87RA18	1.50	44	87RC18	1.50	3.94	15.025	6.50	5.000	89
19	87RA19	1.50	49	87RC19	1.50	3.94	15.851	6.50	5.000	94
20	87RA20	1.50	54	87RC20	1.50	3.94	16.678	6.50	5.000	99
21	87RA21	1.50	60	87RC21	1.50	3.94	17.505	6.50	5.000	105
22	87RA22	1.50	66	87RC22	1.50	3.94	18.333	6.50	5.000	111
23	87RA23	1.50	72	87RC23	1.50	3.94	19.160	6.50	5.000	117
24	87RA24	1.50	78	87RC24	1.50	3.94	19.988	6.50	5.000	123
25	87RA25	1.50	84	87RC25	1.50	3.94	20.817	6.50	5.000	130
26	87RA26	1.50	92	87RC26	1.50	3.94	21.645	6.50	5.000	136
28	87RA28	1.50	106	87RC28	1.50	3.94	23.302	6.50	5.000	151
30	87RA30	1.50	121	87RC30	1.50	3.94	24.960	6.50	5.000	166

Sprocket Number 53R For Tsubaki Chain Number 53R

All dimensions are in inches unless otherwise specified.

3.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	53RA8	1.25	12	53RC8	1.25	3.19	7.839	5.25	3.88	29
9	53RA9	1.25	15	53RC9	1.25	3.19	8.771	5.25	3.88	32
10	53RA10	1.25	18	53RC10	1.25	3.19	9.708	5.25	3.88	35
11	53RA11	1.25	22	53RC11	1.25	3.19	10.648	5.25	3.88	39
12	53RA12	1.25	26	53RC12	1.25	3.19	11.591	5.25	3.88	43

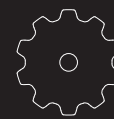
Sprocket Number 93R For Tsubaki Chain Number 93R

All dimensions are in inches unless otherwise specified.

3.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	93RA8	1.25	14	93RC8	1.25	3.19	7.839	5.25	3.88	30
9	93RA9	1.25	17	93RC9	1.25	3.19	8.771	5.25	3.88	33
10	93RA10	1.25	21	93RC10	1.25	3.19	9.708	5.25	3.88	37
11	93RA11	1.25	25	93RC11	1.25	3.19	10.648	5.25	3.88	42
12	93RA12	1.25	30	93RC12	1.25	3.19	11.591	5.25	3.88	46



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 119RX

For Tsubaki Chain Numbers 119RX, 119R

All dimensions are in inches unless otherwise specified.

3.075 Pitch				1.250 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	119RXA8	1.25	18	119RXC8	1.25	3.19	8.035	5.25	3.88	32
9	119RXA9	1.25	22	119RXC9	1.25	3.19	8.991	5.25	3.88	36
10	119RXA10	1.50	27	119RXC10	1.50	3.44	9.951	5.50	4.25	48
11	119RXA11	1.50	33	119RXC11	1.50	3.44	10.915	5.50	4.25	53
12	119RXA12	1.50	39	119RXC12	1.50	3.44	11.881	5.50	4.25	60
13	119RXA13	1.50	46	119RXC13	1.50	3.44	12.849	5.50	4.25	74
14	119RXA14	1.50	53	119RXC14	1.50	3.44	13.819	5.50	4.25	81
15	119RXA15	1.50	61	119RXC15	1.50	3.44	14.79	5.50	4.25	89
16	119RXA16	1.50	69	119RXC16	1.50	3.44	15.762	5.50	4.25	97
17	119RXA17	1.50	78	119RXC17	1.50	3.69	16.735	6.00	5.25	119
18	119RXA18	1.50	87	119RXC18	1.50	3.69	17.708	6.00	5.25	129
19	119RXA19	1.50	97	119RXC19	1.50	3.94	18.682	6.50	5.75	150
20	119RXA20	1.50	108	119RXC20	1.50	3.94	19.657	6.50	5.75	161
21	119RXA21	1.50	119	119RXC21	1.50	3.94	20.632	6.50	5.75	172
22	119RXA22	1.50	130	119RXC22	1.50	3.94	21.607	6.50	5.75	183
24	119RXA24	1.50	155	119RXC24	1.50	3.94	23.558	6.50	5.75	208
25	119RXA25	1.50	168	119RXC25	1.50	4.94	24.535	7.50	5.87	240
28	119RXA28	1.50	210	119RXC28	1.50	4.94	27.464	7.50	5.87	283
30	119RXA30	1.50	241	119RXC30	1.50	4.94	29.418	7.50	5.87	314
32	119RXA32	1.50	274	119RXC32	1.50	5.44	31.372	8.00	6.12	361
35	119RXA35	1.50	328	119RXC35	1.50	5.44	34.304	8.00	6.12	414
36	119RXA36	1.50	347	119RXC36	1.50	5.44	35.282	8.00	6.12	433
40	119RXA40	1.50	428	119RXC40	1.50	5.44	39.192	8.00	6.12	515
42	119RXA42	1.50	472	119RXC42	1.50	5.44	41.148	8.00	6.12	558
48	119RXA48	1.50	616	119RXC48	1.50	6.19	47.016	9.50	6.75	751
54	119RXA54	1.50	780	119RXC54	1.50	6.19	52.885	9.50	6.75	915
60	119RXA60	1.50	963	119RXC60	1.50	6.50	58.755	10.00	7.50	1,128

Sprocket Number 94R

For Tsubaki Chain Number 94R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.500 Roller Diameter .750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	94RA8	1.25	18	94RC8	1.25	3.19	10.453	5.25	3.88	36
9	94RA9	1.25	23	94RC9	1.25	3.19	11.695	5.25	3.88	40
10	94RA10	1.25	28	94RC10	1.25	3.19	12.944	5.25	3.88	45
11	94RA11	1.25	34	94RC11	1.25	3.19	14.198	5.25	3.88	51
12	94RA12	1.25	40	94RC12	1.25	3.19	15.455	5.25	3.88	57



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 97R

For Tsubaki Chain Number 97R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.750 Roller Diameter .750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	97RA8	1.25	17	97RC8	1.25	3.19	10.453	5.25	3.88	35
9	97RA9	1.25	22	97RC9	1.25	3.19	11.695	5.25	3.88	39
10	97RA10	1.25	28	97RC10	1.25	3.19	12.944	5.25	3.88	44
11	97RA11	1.25	33	97RC11	1.25	3.19	14.198	5.25	3.88	50
12	97RA12	1.25	39	97RC12	1.25	3.12	15.455	5.25	3.88	56

Sprocket Number 95R

For Tsubaki Chain Number 95R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.500 Roller Diameter .875 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	95RA8	1.25	21	95RC8	1.25	3.19	10.453	5.25	3.88	38
9	95RA9	1.25	27	95RC9	1.25	3.19	11.695	5.25	3.88	43
10	95RA10	1.25	33	95RC10	1.25	3.19	12.944	5.25	3.88	49
11	95RA11	1.25	39	95RC11	1.25	3.19	14.198	5.25	3.88	56
12	95RA12	1.25	47	95RC12	1.25	3.19	15.455	5.25	3.88	63

Sprocket Number 91R

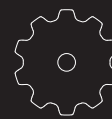
For Tsubaki Chain Numbers 91R, 1188R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.750 Roller Diameter 1.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	91RA8	1.25	34	91RC8	1.25	3.19	10.453	5.25	3.88	40
9	91RA9	1.25	31	91RC9	1.25	3.19	11.695	5.25	3.88	46
10	91RA10	1.25	37	91RC10	1.25	3.19	12.944	5.25	3.88	53
11	91RA11	1.25	45	91RC11	1.25	3.19	14.198	5.25	3.88	61
12	91RA12	1.25	53	91RC12	1.25	3.19	15.455	5.25	3.88	69



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number US-90R

For Tsubaki Chain Numbers US-90R, 83R, 40001, 82R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				2.000 Roller Diameter 1.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	US-90RA8	1.25	24	US-90RC8	1.25	3.19	10.453	5.25	3.88	40
9	US-90RA9	1.25	31	US-90RC9	1.25	3.19	11.695	5.25	3.88	46
10	US-90RA10	1.25	37	US-90RC10	1.25	3.19	12.944	5.25	3.88	53
11	US-90RA11	1.25	45	US-90RC11	1.25	3.19	14.198	5.25	3.88	61
12	US-90RA12	1.25	53	US-90RC12	1.25	3.19	15.455	5.25	3.88	69

Sprocket Number 89R

For Tsubaki Chain Number 89R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				2.250 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	89RA8	1.5	27	89RC8	1.5	3.44	10.453	5.5	4.25	46.0
9	89RA9	1.5	34	89RC9	1.5	3.44	11.695	5.5	4.25	53
10	89RA10	1.5	42	89RC10	1.5	3.44	12.944	5.5	4.25	61
11	89RA11	1.5	51	89RC11	1.5	3.44	14.198	5.5	4.25	70
12	89RA12	1.5	60	89RC12	1.5	3.44	15.455	5.5	4.25	79

Sprocket Number 84R

For Tsubaki Chain Number 84R

All dimensions are in inches unless otherwise specified.

4.000 Pitch				2.250 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	84RA8	1.5	43	84RC8	1.5	3.94	10.453	6.5	5.0	71
9	84RA9	1.5	53	84RC9	1.5	3.94	11.695	6.5	5.0	81
10	84RA10	1.5	63	84RC10	1.5	3.94	12.944	6.5	5.0	93
11	84RA11	1.5	79	84RC11	1.5	3.94	14.198	6.5	5.0	107
12	84RA12	1.5	93	84RC12	1.5	3.94	15.455	6.5	5.0	121



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number DS-1113

For Tsubaki Chain Numbers DS-1113, 1113R

All dimensions are in inches unless otherwise specified.

4.040 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	DS-1113A8	1.5	28	DS-1113C8	1.5	3.44	10.557	5.5	4.25	47
9	DS-1113A9	1.5	35	DS-1113C9	1.5	3.44	11.812	5.5	4.25	54
10	DS-1113A10	1.5	43	DS-1113C10	1.5	3.44	13.074	5.5	4.25	62
11	DS-1113A11	1.5	52	DS-1113C11	1.5	3.44	14.340	5.5	4.25	71
12	DS-1113A12	1.5	61	DS-1113C12	1.5	3.44	15.609	5.5	4.25	80

Sprocket Number 6053R

For Tsubaki Chain Number 6053R

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	6053RA8	1.25	41	6053RC8	1.25	2.94	15.679	4.75	3.13	52
9	6053RA9	1.25	51	6053RC9	1.25	2.94	17.543	4.75	3.13	62
10	6053RA10	1.25	63	6053RC10	1.25	2.94	19.416	4.75	3.13	74
11	6053RA11	1.25	76	6053RC11	1.25	2.94	21.297	4.75	3.13	87
12	6053RA12	1.25	90	6053RC12	1.25	2.94	23.182	4.75	3.13	101

Sprocket Number 627R

For Tsubaki Chain Numbers 627R, 86R, US-196R, DS-196R, 604R, 634R

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	627RA8	1.5	55	627RC8	1.5	3.44	15.679	5.5	4.25	75
9	627RA9	1.5	69	627RC9	1.5	3.44	17.543	5.5	4.25	88
10	627RA10	1.5	84	627RC10	1.5	3.44	19.416	5.5	4.25	104
11	627RA11	1.5	101	627RC11	1.5	3.94	21.297	6.5	5.00	136
12	627RA12	1.5	120	627RC12	1.5	3.94	23.182	6.5	5.00	155



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number DS-6272

For Tsubaki Chain Numbers DS-6272, 628R, 1126R

All dimensions are in inches unless otherwise specified.

6.000 Pitch

2.250 Roller Diameter

1.125 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	DS-6272A8	1.5	62	DS-6272C8	1.5	3.94	15.679	6.5	5.0	96
9	DS-6272A9	1.5	77	DS-6272C9	1.5	3.94	17.543	6.5	5.0	111
10	DS-6272A10	1.5	95	DS-6272C10	1.5	3.94	19.416	6.5	5.0	129
11	DS-6272A11	1.5	114	DS-6272C11	1.5	3.94	21.297	6.5	5.0	148
12	DS-6272A12	1.5	135	DS-6272C12	1.5	3.94	23.182	6.5	5.0	169

Sprocket Number 603R

For Tsubaki Chain Number 603R

All dimensions are in inches unless otherwise specified.

6.000 Pitch

2.500 Roller Diameter

.750 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	603RA8	1.5	41	603RC8	1.5	3.44	15.679	5.5	4.25	63
9	603RA9	1.5	51	603RC9	1.5	3.44	17.543	5.5	4.25	73
10	603RA10	1.5	63	603RC10	1.5	3.44	19.416	5.5	4.25	85
11	603RA11	1.5	76	603RC11	1.5	3.44	21.297	5.5	4.25	97
12	603RA12	1.5	90	603RC12	1.5	3.44	23.182	5.5	4.25	111



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number CC5

For Tsubaki Chain Numbers CC5, 607R, 614R, 1630R, 2130R

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	CC5A6	1.5	36	CC5C6	1.5	3.44	12.000	5.5	4.25	55
7 ¹	CC5A7	1.5	48	CC5C7	1.5	3.44	13.829	5.5	4.25	67
8 ¹	CC5A8	1.5	62	CC5C8	1.5	3.94	15.679	6.5	5.00	96
9	CC5A9	1.5	77	CC5C9	1.5	3.94	17.543	6.5	5.00	111
10	CC5A10	1.5	95	CC5C10	1.5	3.94	19.416	6.5	5.00	129
11	CC5A11	1.5	114	CC5C11	1.5	3.94	21.297	6.5	5.00	148
12	CC5A12	1.5	135	CC5C12	1.5	3.94	23.182	6.5	5.00	169

¹CC5 Sprockets are available with double duty tooth forms in both 7- and 8-tooth sizes. Consult Tsubaki for other CC5 double duty sprockets.

Sprocket Number 610R

For Tsubaki Chain Numbers 610R, 96R, 96RX, 2178R, 2178RX, 2198RX

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	610RA8	1.5	69	610RC8	1.5	4.44	15.679	7.0	6.00	117
9	610RA9	1.5	86	610RC9	1.5	4.44	17.543	7.0	6.00	135
10	610RA10	1.5	105	610RC10	1.5	4.44	19.416	7.0	6.00	154
11	610RA11	1.5	126	610RC11	1.5	5.44	21.297	8.0	6.25	193
12	610RA12	1.5	150	610RC12	1.5	5.44	23.182	8.0	6.25	216

Sprocket Number 625R

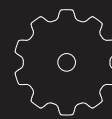
For Tsubaki Chain Numbers 625R, 60002, 629R Special

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	625RA8	1.5	55	625RC8	1.5	3.44	15.679	5.5	4.25	75
9	625RA9	1.5	69	625RC9	1.5	3.44	17.543	5.5	4.25	88
10	625RA10	1.5	84	625RC10	1.5	3.44	19.416	5.5	4.25	104
11	625RA11	1.5	101	625RC11	1.5	3.94	21.297	6.5	5.00	136
12	625RA12	1.5	120	625RC12	1.5	3.94	23.182	6.5	5.00	155



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 626R

For Tsubaki Chain Numbers 626R, 631, 631R, 1126RS

All dimensions are in inches unless otherwise specified.

6.000 Pitch				3.000 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	626RA8	1.5	62	626RC8	1.5	4.44	15.679	7.0	6.0	112
9	626RA9	1.5	77	626RC9	1.5	4.44	17.543	7.0	6.0	127
10	626RA10	1.5	95	626RC10	1.5	4.44	19.416	7.0	6.0	145
11	626RA11	1.5	114	626RC11	1.5	4.44	21.297	7.0	6.0	164
12	626RA12	1.5	135	626RC12	1.5	4.44	23.182	7.0	6.0	185

Sprocket Number 629R

For Tsubaki Chain Numbers 629R, B-663R, 1131R, 2184R, 2184RX

All dimensions are in inches unless otherwise specified.

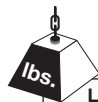
6.000 Pitch				3.000 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	629RA8	1.5	69	629RC8	1.5	4.44	15.679	7.0	6.00	117
9	629RA9	1.5	86	629RC9	1.5	4.44	17.543	7.0	6.00	135
10	629RA10	1.5	105	629RC10	1.5	4.44	19.416	7.0	6.00	154
11	629RA11	1.5	126	629RC11	1.5	5.44	21.297	8.0	6.25	193
12	629RA12	1.5	150	629RC12	1.5	5.44	23.182	8.0	6.25	216

Sprocket Number 806R

For Tsubaki Chain Number 806R

All dimensions are in inches unless otherwise specified.

8.000 Pitch				3.000 Roller Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	806RA8	1.5	146	806RC8	1.5	5.94	20.905	9.0	6.5	233
9	806RA9	1.5	183	806RC9	1.5	5.94	23.390	9.0	6.5	270
10	806RA10	1.5	224	806RC10	1.5	5.94	25.889	9.0	6.5	311
11	806RA11	1.5	270	806RC11	1.5	5.94	28.396	9.0	6.5	357
12	806RA12	1.5	319	806RC12	1.5	5.94	30.910	9.0	6.5	391



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 896R

For Tsubaki Chain Number 896R

All dimensions are in inches unless otherwise specified.

8.000 Pitch				3.500 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	896RA8	1.5	122	896RC8	1.5	4.44	20.905	7.0	6.0	171
9	896RA9	1.5	153	896RC9	1.5	4.44	23.390	7.0	6.0	201
10	896RA10	1.5	187	896RC10	1.5	4.44	25.889	7.0	6.0	236
11	896RA11	1.5	225	896RC11	1.5	4.44	28.396	7.0	6.0	265
12	896RA12	1.5	266	896RC12	1.5	4.44	30.910	7.0	6.0	307

Sprocket Number 800RX

For Tsubaki Chain Number 800RX

All dimensions are in inches unless otherwise specified.

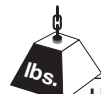
8.000 Pitch				3.500 Roller Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	800RXA8	1.5	146	800RXC8	1.5	5.94	20.905	9.0	6.5	233
9	800RXA9	1.5	183	800RXC9	1.5	5.94	23.390	9.0	6.5	270
10	800RXA10	1.5	224	800RXC10	1.5	5.94	25.889	9.0	6.5	311
11	800RXA11	1.5	270	800RXC11	1.5	5.94	28.396	9.0	6.5	357
12	800RXA12	1.5	319	800RXC12	1.5	5.94	30.910	9.0	6.5	391

Sprocket Number 925R

For Tsubaki Chain Numbers 925R, 90004

All dimensions are in inches unless otherwise specified.

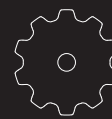
9.000 Pitch				3.000 Roller Diameter 1.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	925RA8	1.5	123	925RC8	1.5	3.94	23.518	6.5	5.0	158
9	925RA9	1.5	154	925RC9	1.5	3.94	26.314	6.5	5.0	187
10	925RA10	1.5	189	925RC10	1.5	3.94	29.125	6.5	5.0	221
11	925RA11	1.5	227	925RC11	1.5	4.44	31.945	7.0	6.0	265
12	925RA12	1.5	270	925RC12	1.5	4.44	34.773	7.0	6.0	307



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number B-912R

For Tsubaki Chain Number B-912R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				3.000 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-912RA8	1.5	154	B-912RC8	1.5	3.94	23.518	6.5	5.0	187
9	B-912RA9	1.5	193	B-912RC9	1.5	3.94	26.314	6.5	5.0	228
10	B-912RA10	1.5	236	B-912RC10	1.5	3.94	29.125	6.5	5.0	271
11	B-912RA11	1.5	264	B-912RC11	1.5	4.44	31.945	7.0	6.0	325
12	B-912RA12	1.5	337	B-912RC12	1.5	4.44	34.773	7.0	6.0	377

Sprocket Number 4009

For Tsubaki Chain Number 4009

All dimensions are in inches unless otherwise specified.

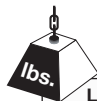
9.000 Pitch				3.000 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	4009A9	1.5	270	4009C9	1.5	5.94	26.314	9.0	6.5	353
10	4009A10	1.5	331	4009C10	1.5	5.94	29.125	9.0	6.5	414
11	4009A11	1.5	398	4009C11	1.5	5.94	31.945	9.0	6.5	574
12	4009A12	1.5	472	4009C12	1.5	5.94	34.773	9.0	6.5	548

Sprocket Number 965R

For Tsubaki Chain Number 965R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				3.000 Roller Diameter 2.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	965RA8	1.5	247	965RC8	1.5	5.94	23.518	9.0	6.5	325
9	965RA9	1.5	309	965RC9	1.5	5.94	26.314	9.0	6.5	387
10	965RA10	1.5	378	965RC10	1.5	5.94	29.125	9.0	6.5	456
11	965RA11	1.5	398	965RC11	1.5	5.94	31.945	9.0	6.5	474
12	965RA12	1.5	472	965RC12	1.5	5.94	34.773	9.0	6.5	548



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 4004

For Tsubaki Chain Number 4004

All dimensions are in inches unless otherwise specified.

9.000 Pitch				3.000 Roller Diameter 2.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	4004A9	1.5	347	4004C9	1.5	6.5	26.314	10.0	6.75	444
10	4004A10	1.5	425	4004C10	1.5	6.5	29.125	10.0	6.75	523
11	4004A11	1.5	512	4004C11	1.5	6.5	31.945	10.0	6.75	609
12	4004A12	1.5	606	4004C12	1.5	6.5	34.773	10.0	6.75	712

Sprocket Number B-963R

For Tsubaki Chain Numbers B-963R, 809R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				3.500 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-963RA8	1.5	139	B-963RC8	1.5	5.44	23.518	8.0	6.25	207
9	B-963RA9	1.5	174	B-963RC9	1.5	5.44	26.314	8.0	6.25	242
10	B-963RA10	1.5	213	B-963RC10	1.5	5.44	29.125	8.0	6.25	266
11	B-963RA11	1.5	256	B-963RC11	1.5	5.44	31.945	8.0	6.25	309
12	B-963RA12	1.5	303	B-963RC12	1.5	5.44	34.773	8.0	6.25	356

Sprocket Number D-963R

For Tsubaki Chain Number D-963R

All dimensions are in inches unless otherwise specified.

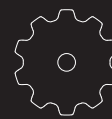
9.000 Pitch				3.500 Roller Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	D-963RA8	1.5	185	D-963RC8	1.5	5.44	23.518	8.0	6.25	248
9	D-963RA9	1.5	232	D-963RC9	1.5	5.44	26.314	8.0	6.25	295
10	D-963RA10	1.5	284	D-963RC10	1.5	5.44	29.125	8.0	6.25	340
11	D-963RA11	1.5	341	D-963RC11	1.5	5.44	31.945	8.0	6.25	398
12	D-963RA12	1.5	404	D-963RC12	1.5	5.44	34.773	8.0	6.25	461



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number E-963R

For Tsubaki Chain Number E-963R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				4.000 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	E-963RA8	1.5	139	E-963RC8	1.5	5.44	23.518	8.0	6.25	207
9	E-963RA9	1.5	174	E-963RC9	1.5	5.44	26.314	8.0	6.25	242
10	E-963RA10	1.5	213	E-963RC10	1.5	5.44	29.125	8.0	6.25	266
11	E-963RA11	1.5	256	E-963RC11	1.5	5.44	31.945	8.0	6.25	307
12	E-963RA12	1.5	303	E-963RC12	1.5	5.44	34.773	8.0	6.25	356

Sprocket Number B-964R

For Tsubaki Chain Number B-964R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				4.000 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-964RA8	1.5	154	B-964RC8	1.5	5.94	23.518	9.0	6.5	246
9	B-964RA9	1.5	193	B-964RC9	1.5	5.94	26.314	9.0	6.5	285
10	B-964RA10	1.5	236	B-964RC10	1.5	5.94	29.125	9.0	6.5	303
11	B-964RA11	1.5	284	B-964RC11	1.5	5.94	31.945	9.0	6.5	351
12	B-964RA12	1.5	337	B-964RC12	1.5	5.94	34.773	9.0	6.5	404

Sprocket Number 4065

For Tsubaki Chain Number 4065

All dimensions are in inches unless otherwise specified.

9.000 Pitch				4.250 Roller Diameter 2.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	4065A9	1.5	386	4065C9	1.5	7.0	26.314	11.0	7.75	524
10	4065A10	1.5	473	4065C10	1.5	7.0	29.125	11.0	7.75	611
11	4065A11	1.5	569	4065C11	1.5	7.0	31.945	11.0	7.75	707
12	4065A12	1.5	674	4065C12	1.5	7.0	34.773	11.0	7.75	812



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number 973R

For Tsubaki Chain Number 973R

All dimensions are in inches unless otherwise specified.

9.000 Pitch				5.000 Roller Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	973RA8	1.5	185	973RC8	1.5	6.5	23.518	10.0	6.75	299
9	973RA9	1.5	232	973RC9	1.5	6.5	26.314	10.0	6.75	345
10	973RA10	1.5	284	973RC10	1.5	6.5	29.125	10.0	6.75	397
11	973RA11	1.5	341	973RC11	1.5	6.5	31.945	10.0	6.75	455
12	973RA12	1.5	404	973RC12	1.5	6.5	34.773	10.0	6.75	493

Sprocket Number B-1212R

For Tsubaki Chain Number B-1212R

All dimensions are in inches unless otherwise specified.

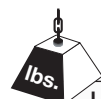
12.000 Pitch				3.000 Roller Diameter 1.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-1212RA8	1.5	274	B-1212RC8	1.5	5.44	31.358	8.0	6.25	327
9	B-1212RA9	1.5	343	B-1212RC9	1.5	5.44	35.086	8.0	6.25	396
10	B-1212RA10	1.5	420	B-1212RC10	1.5	5.44	38.833	8.0	6.25	473
11	B-1212RA11	1.5	506	B-1212RC11	1.5	5.44	42.594	8.0	6.25	559
12	B-1212RA12	1.5	599	B-1212RC12	1.5	5.44	46.364	8.0	6.25	625

Sprocket Number 1265R

For Tsubaki Chain Number 1265R

All dimensions are in inches unless otherwise specified.

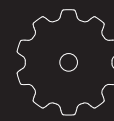
12.000 Pitch				3.000 Roller Diameter 2.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	1265RA8	1.5	439	1265RC8	1.5	6.5	31.358	10.0	6.75	541
9	1265RA9	1.5	549	1265RC9	1.5	6.5	35.086	10.0	6.75	649
10	1265RA10	1.5	672	1265RC10	1.5	6.5	38.833	10.0	6.75	772
11	1265RA11	1.5	809	1265RC11	1.5	6.5	42.594	10.0	6.75	909
12	1265RA12	1.5	959	1265RC12	1.5	6.5	46.364	10.0	6.75	1,058



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number B-1266R

For Tsubaki Chain Number B-1266R

All dimensions are in inches unless otherwise specified.

12.000 Pitch								3.250 Roller Diameter 1.250 Plate Thickness		
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-1266RA8	1.5	274	B-1266RC8	1.5	5.94	31.358	9.0	6.5	341
9	B-1266RA9	1.5	343	B-1266RC9	1.5	5.94	35.086	9.0	6.5	410
10	B-1266RA10	1.5	420	B-1266RC10	1.5	5.94	38.833	9.0	6.5	487
11	B-1266RA11	1.5	506	B-1266RC11	1.5	5.94	42.594	9.0	6.5	573
12	B-1266RA12	1.5	599	B-1266RC12	1.5	5.94	46.364	9.0	6.5	666

Sprocket Number B-1263R

For Tsubaki Chain Number B-1263R

All dimensions are in inches unless otherwise specified.

12.000 Pitch								3.500 Roller Diameter 1.125 Plate Thickness		
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-1263RA8	1.5	247	B-1263RC8	1.5	5.94	31.358	9.0	6.5	314
9	B-1263RA9	1.5	309	B-1263RC9	1.5	5.94	35.086	9.0	6.5	376
10	B-1263RA10	1.5	378	B-1263RC10	1.5	5.94	38.833	9.0	6.5	445
11	B-1263RA11	1.5	455	B-1263RC11	1.5	5.94	42.594	9.0	6.5	522
12	B-1263RA12	1.5	539	B-1263RC12	1.5	5.94	46.364	9.0	6.5	606

Sprocket Number D-1263R

For Tsubaki Chain Number D-1263R

All dimensions are in inches unless otherwise specified.

12.000 Pitch								3.500 Roller Diameter 1.500 Plate Thickness		
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	D-1263RA8	1.5	329	D-1263RC8	1.5	5.94	31.358	9.0	6.5	400
9	D-1263RA9	1.5	412	D-1263RC9	1.5	5.94	35.086	9.0	6.5	483
10	D-1263RA10	1.5	504	D-1263RC10	1.5	5.94	38.833	9.0	6.5	576
11	D-1263RA11	1.5	607	D-1263RC11	1.5	5.94	42.594	9.0	6.5	678
12	D-1263RA12	1.5	719	D-1263RC12	1.5	5.94	46.364	9.0	6.5	791



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number E-1263R

For Tsubaki Chain Numbers E-1263R, 1276R

All dimensions are in inches unless otherwise specified.

12.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	E-1263RA8	1.5	247	E-1263RC8	1.5	5.94	31.358	9.0	6.5	314
9	E-1263RA9	1.5	309	E-1263RC9	1.5	5.94	35.086	9.0	6.5	376
10	E-1263RA10	1.5	378	E-1263RC10	1.5	5.94	38.833	9.0	6.5	445
11	E-1263RA11	1.5	455	E-1263RC11	1.5	5.94	42.594	9.0	6.5	522
12	E-1263RA12	1.5	539	E-1263RC12	1.5	5.94	46.364	9.0	6.5	606

Sprocket Number B-1264R

For Tsubaki Chain Number B-1264R

All dimensions are in inches unless otherwise specified.

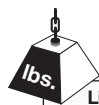
12.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	B-1264RA8	1.5	274	B-1264RC8	1.5	6.5	31.358	10.0	6.75	357
9	B-1264RA9	1.5	343	B-1264RC9	1.5	6.5	35.086	10.0	6.75	426
10	B-1264RA10	1.5	420	B-1264RC10	1.5	6.5	38.833	10.0	6.75	503
11	B-1264RA11	1.5	506	B-1264RC11	1.5	6.5	42.594	10.0	6.75	589
12	B-1264RA12	1.5	599	B-1264RC12	1.5	6.5	46.364	10.0	6.75	682

Sprocket Number 1273R

For Tsubaki Chain Numbers 1273R, 1271R

All dimensions are in inches unless otherwise specified.

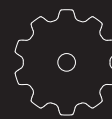
12.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	1273RA8	1.5	329	1273RC8	1.5	7.0	31.358	11.0	7.75	494
9	1273RA9	1.5	412	1273RC9	1.5	7.0	35.086	11.0	7.75	519
10	1273RA10	1.5	504	1273RC10	1.5	7.0	38.833	11.0	7.75	612
11	1273RA11	1.5	607	1273RC11	1.5	7.0	42.594	11.0	7.75	714
12	1273RA12	1.5	719	1273RC12	1.5	7.0	46.364	11.0	7.75	826



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number B-1863R

For Tsubaki Chain Number B-1863R

All dimensions are in inches unless otherwise specified.

18.000 Pitch				3.500 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	B-1863RA6	1.5	325	B-1863RC6	1.5	5.94	36.000	9.0	6.50	392
7	B-1863RA7	1.5	432	B-1863RC7	1.5	5.94	41.486	9.0	6.50	499
8	B-1863RA8	1.5	555	B-1863RC8	1.5	6.50	47.036	10.0	6.75	638
9	B-1863RA9	1.5	695	B-1863RC9	1.5	6.50	52.628	10.0	6.75	778
10	B-1863RA10	1.5	851	B-1863RC10	1.5	6.50	58.249	10.0	6.75	934

Sprocket Number D-1863R

For Tsubaki Chain Number D-1863R

All dimensions are in inches unless otherwise specified.

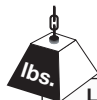
18.000 Pitch				3.500 Roller Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	D-1863RA6	1.5	433	D-1863RC6	1.5	5.94	36.000	9.0	6.50	505
7	D-1863RA7	1.5	576	D-1863RC7	1.5	5.94	41.486	9.0	6.50	647
8	D-1863RA8	1.5	740	D-1863RC8	1.5	6.50	47.036	10.0	6.75	829
9	D-1863RA9	1.5	926	D-1863RC9	1.5	6.50	52.628	10.0	6.75	1,015
10	D-1863RA10	1.5	1,135	D-1863RC10	1.5	6.50	58.249	10.0	6.75	1,224

Sprocket Number E-1863R

For Tsubaki Chain Number E-1863R

All dimensions are in inches unless otherwise specified.

18.000 Pitch				4.000 Roller Diameter 1.125 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	E-1863RA6	1.5	325	E-1863RC6	1.5	5.94	36.000	9.0	6.50	392
7	E-1863RA7	1.5	432	E-1863RC7	1.5	5.94	41.486	9.0	6.50	499
8	E-1863RA8	1.5	555	E-1863RC8	1.5	6.50	47.036	10.0	6.75	638
9	E-1863RA9	1.5	695	E-1863RC9	1.5	6.50	52.628	10.0	6.75	778
10	E-1863RA10	1.5	851	E-1863RC10	1.5	6.50	58.249	10.0	6.75	934



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number B-1864R

For Tsubaki Chain Number B-1864R

All dimensions are in inches unless otherwise specified.

4.000 Roller Diameter										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	B-1864RA6	1.5	361	B-1864RC6	1.5	6.5	36.000	10.0	6.75	444
7	B-1864RA7	1.5	480	B-1864RC7	1.5	6.5	41.486	10.0	6.75	563
8	B-1864RA8	1.5	617	B-1864RC8	1.5	6.5	47.036	10.0	6.75	700
9	B-1864RA9	1.5	772	B-1864RC9	1.5	6.5	52.628	10.0	6.75	855
10	B-1864RA10	1.5	946	B-1864RC10	1.5	6.5	58.249	10.0	6.75	1,029

Sprocket Number G-1864R

For Tsubaki Chain Number G-1864R

All dimensions are in inches unless otherwise specified.

4.000 Roller Diameter										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	G-1864RA6	1.5	433	G-1864RC6	1.5	6.5	36.000	10.0	6.75	522
7	G-1864RA7	1.5	576	G-1864RC7	1.5	6.5	41.486	10.0	6.75	664
8	G-1864RA8	1.5	740	G-1864RC8	1.5	6.5	47.036	10.0	6.75	829
9	G-1864RA9	1.5	926	G-1864RC9	1.5	6.5	52.628	10.0	6.75	1,015
10	G-1864RA10	1.5	1,135	G-1864RC10	1.5	6.5	58.249	10.0	6.75	1,224

Sprocket Number 1873R

For Tsubaki Chain Numbers 1873R, 1871R

All dimensions are in inches unless otherwise specified.

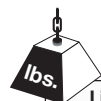
5.000 Roller Diameter										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	1873RA6	1.5	433	1873RC6	1.5	7.0	36.000	11.0	7.75	541
7	1873RA7	1.5	576	1873RC7	1.5	7.0	41.486	11.0	7.75	683
8	1873RA8	1.5	740	1873RC8	1.5	8.0	47.036	12.0	8.50	868
9	1873RA9	1.5	926	1873RC9	1.5	8.0	52.628	12.0	8.50	1,054
10	1873RA10	1.5	1,135	1873RC10	1.5	8.0	58.249	12.0	8.50	1,263

Sprocket Number 1866R

For Tsubaki Chain Numbers 1866R, 1867R

All dimensions are in inches unless otherwise specified.

18.000 Pitch 6.000 Roller Diameter 1.500 Plate Thickness										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
6	1866RA6	1.5	434	1866RC6	1.5	9.0	36.000	13.0	9.0	712
7	1866RA7	1.5	576	1866RC7	1.5	9.0	41.486	13.0	9.0	726
8	1866RA8	1.5	740	1866RC8	1.5	9.5	47.036	14.0	9.5	914
9	1866RA9	1.5	926	1866RC9	1.5	9.5	52.628	14.0	9.5	1,100
10	1866RA10	1.5	1,135	1866RC10	1.5	9.5	58.249	14.0	9.5	1,309



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number DF-3498 Flex Bar

For Tsubaki Chain Number DF-3498 Flex Bar

All dimensions are in inches unless otherwise specified.

1.750 x 2.500 Pitch							.575 Plate Thickness			
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
7	DF-3498A7	1.25	12	DF-3498C7	1.25	2.44	9.557	4.00	2.75	19
8	DF-3498A8	1.25	15	DF-3498C8	1.25	2.44	10.899	4.00	2.75	22
9	DF-3498A9	1.25	19	DF-3498C9	1.25	2.94	12.243	4.75	3.13	31
10	DF-3498A10	1.25	24	DF-3498C10	1.25	2.94	13.589	4.75	3.13	35
11	DF-3498A11	1.25	29	DF-3498C11	1.25	2.94	14.936	4.75	3.13	40

Sprocket Number DF-3500 Flex Bar

For Tsubaki Chain Number DF-3500 Flex Bar

All dimensions are in inches unless otherwise specified.

2.500 x 3.000 Pitch										.575 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	DF-3500A5	1.25	10	DF-3500C5	1.25	2.94	8.903	4.5	2.0	22
6	DF-3500A6	1.25	14	DF-3500C6	1.25	2.94	10.628	4.5	2.0	26
7	DF-3500A7	1.25	20	DF-3500C7	1.25	2.94	12.361	5.5	2.0	31

Sprocket Number DF-3910 Flex Bar

For Tsubaki Chain Number DF-3910 Flex Bar

All dimensions are in inches unless otherwise specified.

3.000 x 3.000 Pitch										.575 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	DF-3910A5	1.25	12	DF-3910C5	1.25	2.94	9.708	4.75	3.13	24
6	DF-3910A6	1.25	17	DF-3910C6	1.25	2.94	11.591	4.75	3.13	29
7	DF-3910A7	1.25	23	DF-3910C7	1.25	2.94	13.482	4.75	3.13	35



Split construction available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number C-55 For Tsubaki Chain Number C-55

All dimensions are in inches unless otherwise specified.

1.631 Pitch				0.719 Barrel Diameter .500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	C55A8	1.25	2.0	C55B8	1.25	1.94	4.262	3.00	2.250	6.30
10	C55A10	1.25	3.0	C55B10	1.25	1.94	5.278	3.00	2.250	7.30
11	C55A11	1.25	4.6	C55B11	1.25	1.94	5.789	3.00	2.250	7.80
12	C55A12	1.25	4.3	C55B12	1.25	2.44	6.302	4.00	2.750	13.6
13	C55A13	1.25	5.1	C55B13	1.25	2.75	6.815	4.25	3.000	16.6
14	C55A14	1.25	5.9	C55B14	1.25	2.94	7.330	4.75	3.000	20.4
15	C55A15	1.25	6.8	C55B15	1.25	2.94	7.845	4.75	3.000	21.3
16	C55A16	1.25	7.7	C55B16	1.25	2.94	8.360	4.75	3.000	22.2
17	C55A17	1.25	8.7	C55B17	1.25	2.94	8.876	4.75	3.000	23.2
18	C55A18	1.25	9.7	C55B18	1.25	2.94	9.393	4.75	3.000	24.3
20	C55A20	1.25	12.0	C55B20	1.25	2.94	10.426	4.75	3.000	26.6
26	C55A26	1.25	20.3	C55B26	1.25	3.44	13.531	5.50	4.375	49.0
32	C55A32	1.25	30.8	C55B32	1.25	3.44	16.640	5.50	4.375	59.4
36	C55A36	1.25	38.9	C55B36	1.25	3.44	18.714	5.50	4.375	67.6
42	C55A42	1.25	53.0	C55B42	1.25	3.94	21.825	6.50	5.000	99.1
54	C55A54	1.25	87.6	C55B54	1.25	3.94	28.051	6.50	5.000	133.8
60	C55A60	1.25	108.2	C55B60	1.25	3.94	31.164	6.50	5.000	154.3
70	C55A70	1.25	147.3	C55B70	1.25	3.94	36.354	6.50	5.000	193.4

Sprocket Number 188 For Tsubaki Chain Number 188

All dimensions are in inches unless otherwise specified.

2.609 Pitch				.875 Barrel Diameter 1.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	188A8	1.25	10	188C8	1.25	2.94	6.817	4.75	3.13	20
9	188A9	1.25	13	188C9	1.25	3.19	7.628	5.25	3.88	29
10	188A10	1.25	16	188C10	1.25	3.19	8.442	5.25	3.88	32
11	188A11	1.25	19	188C11	1.25	3.19	9.26	5.25	3.88	35
12	188A12	1.25	23	188C12	1.25	3.19	10.08	5.25	3.88	39
13	188A13	1.50	26	188C13	1.50	3.44	10.901	5.50	4.25	46
14	188A14	1.50	31	188C14	1.50	3.44	11.724	5.50	4.25	50
15	188A15	1.50	35	188C15	1.50	3.44	12.548	5.50	4.25	55
16	188A16	1.50	40	188C16	1.50	3.44	13.373	5.50	4.25	60
17	188A17	1.50	45	188C17	1.50	3.44	14.199	5.50	4.25	73
18	188A18	1.50	50	188C18	1.50	3.94	15.025	6.50	5.00	97
19	188A19	1.50	56	188C19	1.50	3.94	15.851	6.50	5.00	102
20	188A20	1.50	62	188C20	1.50	3.94	16.678	6.50	5.00	108
21	188A21	1.50	68	188C21	1.50	3.94	17.505	6.50	5.00	115
22	188A22	1.50	75	188C22	1.50	3.94	18.333	6.50	5.00	121
23	188A23	1.50	82	188C23	1.50	3.94	19.16	6.50	5.00	128
24	188A24	1.50	89	188C24	1.50	3.94	19.988	6.50	5.00	135
25	188A25	1.50	97	188C25	1.50	3.94	20.817	6.50	5.00	143
26	188A26	1.50	105	188C26	1.50	3.94	21.645	6.50	5.00	151
27	188A27	1.50	113	188C27	1.50	3.94	22.473	6.50	5.00	159
28	188A28	1.50	121	188C28	1.50	3.94	23.302	6.50	5.00	167
29	188A29	1.50	130	188C29	1.50	3.94	24.131	6.50	5.00	176
30	188A30	1.50	139	188C30	1.50	3.94	24.96	6.50	5.00	185
32	188A32	1.50	158	188C32	1.50	3.94	26.618	6.50	5.00	204
35	188A35	1.50	189	188C35	1.50	3.94	29.106	6.50	5.00	235
36	188A36	1.50	200	188C36	1.50	4.50	29.935	7.25	6.75	278
40	188A40	1.50	247	188C40	1.50	4.50	33.253	7.25	6.75	325
42	188A42	1.50	272	188C42	1.50	4.50	34.912	7.25	6.75	350
48	188A48	1.50	355	188C48	1.50	4.50	39.891	7.25	6.75	433
54	188A54	1.50	449	188C54	1.50	4.50	44.871	7.25	6.75	527
60	188A60	1.50	554	188C60	1.50	4.50	49.851	7.25	6.75	632

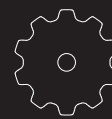


When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: 102 1/2 APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number 131 For Tsubaki Chain Numbers 131, 30702, 30703, 30704, C-131

All dimensions are in inches unless otherwise specified.

3.075 Pitch

1.250 Barrel Diameter 1.125 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	131A8	1.25	16	131C8	1.25	3.19	8.035	5.25	3.87	32
9	131A9	1.25	20	131C9	1.25	3.19	8.991	5.25	3.87	36
10	131A10	1.25	25	131C10	1.25	3.19	9.951	5.25	3.87	40
11	131A11	1.25	30	131C11	1.25	3.19	10.915	5.25	3.87	45
12	131A12	1.25	35	131C12	1.25	3.19	11.881	5.25	3.87	51
13	131A13	1.50	41	131C13	1.50	3.44	12.849	5.50	4.25	60
14	131A14	1.50	48	131C14	1.50	3.44	13.819	5.50	4.25	57
15	131A15	1.50	55	131C15	1.50	3.44	14.79	5.50	4.25	74
16	131A16	1.50	62	131C16	1.50	3.44	15.762	5.50	4.25	81
17	131A17	1.50	70	131C17	1.50	3.69	16.735	6.00	5.25	113
18	131A18	1.50	79	131C18	1.50	3.69	17.708	6.00	5.25	129
19	131A19	1.50	88	131C19	1.50	3.94	18.682	6.50	5.75	142
20	131A20	1.50	97	131C20	1.50	3.94	19.657	6.50	5.75	151
21	131A21	1.50	107	131C21	1.50	3.94	20.632	6.50	5.75	161
22	131A22	1.50	117	131C22	1.50	3.94	21.607	6.50	5.75	172
23	131A23	1.50	128	131C23	1.50	3.94	22.583	6.50	5.75	183
24	131A24	1.50	140	131C24	1.50	3.94	23.558	6.50	5.75	194
25	131A25	1.50	151	131C25	1.50	4.44	24.535	7.00	5.87	216
26	131A26	1.50	164	131C26	1.50	4.44	25.511	7.00	5.87	228
28	131A28	1.50	190	131C28	1.50	4.44	27.464	7.00	5.87	254
30	131A30	1.50	217	131C30	1.50	4.44	29.418	7.00	5.87	282
32	131A32	1.50	247	131C32	1.50	5.44	31.372	8.00	6.25	336
35	131A35	1.50	296	131C35	1.50	5.44	34.304	8.00	6.25	385
36	131A36	1.50	313	131C36	1.50	5.44	35.282	8.00	6.25	402
40	131A40	1.50	386	131C40	1.50	5.44	39.192	8.00	6.25	475
42	131A42	1.50	425	131C42	1.50	5.44	41.148	8.00	6.25	514
48	131A48	1.50	555	131C48	1.50	5.44	47.016	8.00	6.25	644

 When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.

 If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: 102 1/2 APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number 102B For Tsubaki Chain Numbers 102B, C-102B

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.000 Barrel Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	102BA8	1.5	43	102BC8	1.5	3.94	10.453	6.5	6.00	80
9	102BA9	1.5	53	102BC9	1.5	3.94	11.695	6.5	6.00	90
10	102BA10	1.5	65	102BC10	1.5	3.94	12.944	6.5	6.00	102
11	102BA11	1.5	79	102BC11	1.5	3.94	14.198	6.5	6.00	116
12	102BA12	1.5	93	102BC12	1.5	3.94	15.455	6.5	6.00	130
13	102BA13	1.5	109	102BC13	1.5	3.94	16.714	6.5	6.00	146
14	102BA14	1.5	126	102BC14	1.5	3.94	17.976	6.5	6.00	163
15	102BA15	1.5	144	102BC15	1.5	3.94	19.239	6.5	6.00	181
16	102BA16	1.5	164	102BC16	1.5	3.94	20.503	6.5	6.00	201
17	102BA17	1.5	185	102BC17	1.5	4.44	21.769	7.0	6.25	252
18	102BA18	1.5	207	102BC18	1.5	4.44	23.035	7.0	6.25	274
19	102BA19	1.5	231	102BC19	1.5	4.44	24.302	7.0	6.25	297
20	102BA20	1.5	255	102BC20	1.5	4.44	25.570	7.0	6.25	322
21	102BA21	1.5	281	102BC21	1.5	4.94	26.838	7.5	6.25	358
22	102BA22	1.5	308	102BC22	1.5	4.94	28.107	7.5	6.25	386
23	102BA23	1.5	337	102BC23	1.5	4.94	29.376	7.5	6.25	414
24	102BA24	1.5	366	102BC24	1.5	4.94	30.645	7.5	6.25	444
25	102BA25	1.5	398	102BC25	1.5	4.94	31.915	7.5	6.25	475
26	102BA26	1.5	430	102BC26	1.5	4.94	33.185	7.5	6.25	507
28	102BA28	1.5	498	102BC28	1.5	4.94	35.726	7.5	6.25	575
30	102BA30	1.5	572	102BC30	1.5	4.94	38.267	7.5	6.25	649
32	102BA32	1.5	650	102BC32	1.5	5.44	40.809	8.0	6.25	738
35	102BA35	1.5	777	102BC35	1.5	5.44	44.623	8.0	6.25	865
36	102BA36	1.5	822	102BC36	1.5	5.44	45.895	8.0	6.25	610

Sprocket Number 102 1/2 For Tsubaki Chain Number 102 1/2

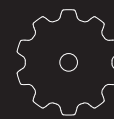
All dimensions are in inches unless otherwise specified.

4.040 Pitch				1.375 Barrel Diameter 2.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	102 1/2A8	1.5	50	102 1/2C8	1.5	3.94	10.557	6.5	6.0	84
9	102 1/2A9	1.5	62	102 1/2C9	1.5	3.94	11.812	6.5	6.0	97
10	102 1/2A10	1.5	76	102 1/2C10	1.5	3.94	13.074	6.5	6.0	111
11	102 1/2A11	1.5	92	102 1/2C11	1.5	3.94	14.340	6.5	6.0	126
12	102 1/2A12	1.5	109	102 1/2C12	1.5	3.94	15.609	6.5	6.0	143
13	102 1/2A13	1.5	127	102 1/2C13	1.5	4.44	16.881	7.0	6.0	168
14	102 1/2A14	1.5	147	102 1/2C14	1.5	4.44	18.156	7.0	6.0	188
15	102 1/2A15	1.5	168	102 1/2C15	1.5	4.44	19.431	7.0	6.0	209
16	102 1/2A16	1.5	191	102 1/2C16	1.5	4.44	20.708	7.0	6.0	232

 When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.

 If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: 102 1/2 APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number 111 For Tsubaki Chain Numbers 111, C-111

All dimensions are in inches unless otherwise specified.

4.760 Pitch				1.437 Barrel Diameter 2.250 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	111A8	1.5	78	111C8	1.5	4.44	12.438	7.0	6.25	119
9	111A9	1.5	97	111C9	1.5	4.44	13.917	7.0	6.25	138
10	111A10	1.5	119	111C10	1.5	4.44	15.404	7.0	6.25	160
11	111A11	1.5	143	111C11	1.5	4.44	16.895	7.0	6.25	184
12	111A12	1.5	170	111C12	1.5	4.44	18.391	7.0	6.25	211
13	111A13	1.5	198	111C13	1.5	5.44	19.890	8.0	6.25	251
14	111A14	1.5	230	111C14	1.5	5.44	21.391	8.0	6.25	282
15	111A15	1.5	263	111C15	1.5	5.44	22.894	8.0	6.25	315
16	111A16	1.5	299	111C16	1.5	5.44	24.399	8.0	6.25	351
17	111A17	1.5	336	111C17	1.5	5.44	25.905	8.0	6.25	425
18	111A18	1.5	377	111C18	1.5	5.44	27.412	8.0	6.25	465
19	111A19	1.5	420	111C19	1.5	5.44	28.920	8.0	6.25	508
20	111A20	1.5	464	111C20	1.5	5.44	30.428	8.0	6.25	553
21	111A21	1.5	512	111C21	1.5	5.44	31.937	8.0	6.25	600
22	111A22	1.5	561	111C22	1.5	5.44	33.447	8.0	6.25	650
24	111A24	1.5	667	111C24	1.5	5.44	36.468	8.0	6.25	756
25	111A25	1.5	724	111C25	1.5	5.44	37.979	8.0	6.25	812
28	111A28	1.5	607	111C28	1.5	5.44	42.513	8.0	6.25	995
30	111A30	1.5	1,040	111C30	1.5	5.94	45.538	9.0	6.50	1,157

Sprocket Number 110 For Tsubaki Chain Numbers 110, C-110

All dimensions are in inches unless otherwise specified.

6.000 Pitch				1.250 Barrel Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	110A8	1.5	96	110C8	1.5	4.44	15.679	7.0	6.0	139
9	110A9	1.5	120	110C9	1.5	4.44	17.543	7.0	6.0	164
10	110A10	1.5	147	110C10	1.5	4.44	19.416	7.0	6.0	191
11	110A11	1.5	177	110C11	1.5	4.44	21.297	7.0	6.0	220
12	110A12	1.5	210	110C12	1.5	4.44	23.182	7.0	6.0	253
13	110A13	1.5	245	110C13	1.5	4.44	25.071	7.0	6.0	291
14	110A14	1.5	263	110C14	1.5	4.44	26.964	7.0	6.0	329
15	110A15	1.5	325	110C15	1.5	4.44	28.858	7.0	6.0	371
16	110A16	1.5	369	110C16	1.5	4.44	30.755	7.0	6.0	415

Sprocket Number 4856 For Tsubaki Chain Numbers 4856, 4857

All dimensions are in inches unless otherwise specified.

6.000 Pitch				1.750 Barrel Diameter 2.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	4856A8	1.5	151	4856C8	1.5	5.44	15.679	8.0	6.75	203
9	4856A9	1.5	189	4856C9	1.5	5.44	17.543	8.0	6.75	241
10	4856A10	1.5	231	4856C10	1.5	5.44	19.416	8.0	6.75	283
11	4856A11	1.5	278	4856C11	1.5	5.94	21.297	9.0	6.75	347
12	4856A12	1.5	330	4856C12	1.5	5.94	23.182	9.0	6.75	398
13	4856A13	1.5	385	4856C13	1.5	5.94	25.071	9.0	6.75	454
14	4856A14	1.5	446	4856C14	1.5	5.94	26.964	9.0	6.75	514
15	4856A15	1.5	511	4856C15	1.5	5.94	28.858	9.0	6.75	579
16	4856A16	1.5	580	4856C16	1.5	6.50	30.755	10.0	6.75	666

When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.

If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: 102 1/2 APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number 4859 For Tsubaki Chain Number 4859

All dimensions are in inches unless otherwise specified.

2.375 Barrel Diameter										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	4859A8	1.5	178	4859C8	1.5	6.5	15.679	10.0	7.75	275
9	4859A9	1.5	223	4859C9	1.5	6.5	17.543	10.0	7.75	320
10	4859A10	1.5	273	4859C10	1.5	6.5	19.416	10.0	7.75	370
11	4859A11	1.5	329	4859C11	1.5	6.5	21.297	10.0	7.75	425
12	4859A12	1.5	389	4859C12	1.5	6.5	23.182	10.0	7.75	486
13	4859A13	1.5	456	4859C13	1.5	6.5	25.071	10.0	7.75	552
14	4859A14	1.5	527	4859C14	1.5	6.5	26.964	10.0	7.75	624
15	4859A15	1.5	604	4859C15	1.5	7.0	28.858	11.0	7.75	721
16	4859A16	1.5	686	4859C16	1.5	7.0	30.755	11.0	7.75	803

Sprocket Number 150X For Tsubaki Chain Number 150X

All dimensions are in inches unless otherwise specified.

6.050 Pitch										
1.750 Barrel Diameter 2.750 Plate Thickness										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	150XA8	1.5	153	150XC8	1.5	5.44	15.809	8.0	6.75	205
9	150XA9	1.5	192	150XC9	1.5	5.94	17.689	9.0	6.75	260
10	150XA10	1.5	235	150XC10	1.5	5.94	19.578	9.0	6.75	304
11	150XA11	1.5	283	150XC11	1.5	5.94	21.474	9.0	6.75	351
12	150XA12	1.5	335	150XC12	1.5	5.94	23.375	9.0	6.75	404
13	150XA13	1.5	395	150XC13	1.5	5.94	25.280	9.0	6.75	460
14	150XA14	1.5	453	150XC14	1.5	6.50	27.188	10.0	6.75	539
15	150XA15	1.5	519	150XC15	1.5	6.50	29.099	10.0	6.75	605
16	150XA16	1.5	590	150XC16	1.5	6.50	31.011	10.0	6.75	676

Sprocket Number 4864 For Tsubaki Chain Number 4864

All dimensions are in inches unless otherwise specified.

2.375 Barrel Diameter										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	4864A8	1.5	242	4864C8	1.5	6.5	18.292	10.0	7.75	339
9	4864A9	1.5	304	4864C9	1.5	6.5	20.467	10.0	7.75	400
10	4864A10	1.5	372	4864C10	1.5	6.5	22.652	10.0	7.75	469
11	4864A11	1.5	447	4864C11	1.5	6.5	24.846	10.0	7.75	544
12	4864A12	1.5	530	4864C12	1.5	6.5	27.046	10.0	7.75	627
13	4864A13	1.5	620	4864C13	1.5	6.5	29.250	10.0	7.75	717
14	4864A14	1.5	717	4864C14	1.5	7.0	31.458	11.0	7.75	835
15	4864A15	1.5	822	4864C15	1.5	7.0	33.668	11.0	7.75	939
16	4864A16	1.5	933	4864C16	1.5	7.0	35.881	11.0	7.75	1,051

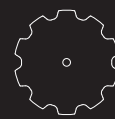


When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: 102 1/2 APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number WH-78

For Tsubaki Chain Numbers WH-78, W-78, C188

All dimensions are in inches unless otherwise specified.

2.609 Pitch

.840 Barrel Diameter
1.000 Plate Thickness*

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-78A8	0.94	9	WH-78C8	0.94	2.94	6.817	4.75	3.13	19
9	WH-78A9	1.25	11	WH-78C9	1.25	3.19	7.628	5.25	3.88	28
10	WH-78A10	1.25	14	WH-78C10	1.25	3.19	8.442	5.25	3.88	31
11	WH-78A11	1.25	17	WH-78C11	1.25	3.19	9.26	5.25	3.88	34
12	WH-78A12	1.25	20	WH-78C12	1.25	3.19	10.08	5.25	3.88	37
13	WH-78A13	1.50	23	WH-78C13	1.50	3.44	10.901	5.50	4.25	44
14	WH-78A14	1.50	27	WH-78C14	1.50	3.44	11.724	5.50	4.25	45
15	WH-78A15	1.50	31	WH-78C15	1.50	3.44	12.548	5.50	4.25	51
16	WH-78A16	1.50	35	WH-78C16	1.50	3.44	13.373	5.50	4.25	56
17	WH-78A17	1.50	39	WH-78C17	1.50	3.44	14.199	5.50	4.25	67
18	WH-78A18	1.50	44	WH-78C18	1.50	3.94	15.025	6.50	5.00	90
19	WH-78A19	1.50	49	WH-78C19	1.50	3.94	15.851	6.50	5.00	95
20	WH-78A20	1.50	54	WH-78C20	1.50	3.94	16.678	6.50	5.00	101
21	WH-78A21	1.50	60	WH-78C21	1.50	3.94	17.505	6.50	5.00	106
22	WH-78A22	1.50	66	WH-78C22	1.50	3.94	18.333	6.50	5.00	112
23	WH-78A23	1.50	72	WH-78C23	1.50	3.94	19.16	6.50	5.00	118
24	WH-78A24	1.50	78	WH-78C24	1.50	3.94	19.988	6.50	5.00	124
25	WH-78A25	1.50	85	WH-78C25	1.50	3.94	20.817	6.50	5.00	131
26	WH-78A26	1.50	91	WH-78C26	1.50	3.94	21.645	6.50	5.00	138
27	WH-78A27	1.50	99	WH-78C27	1.50	3.94	22.473	6.50	5.00	145
28	WH-78A28	1.50	106	WH-78C28	1.50	3.94	23.302	6.50	5.00	152
29	WH-78A29	1.50	114	WH-78C29	1.50	3.94	24.131	6.50	5.00	160
30	WH-78A30	1.50	122	WH-78C30	1.50	3.94	24.96	6.50	5.00	168
32	WH-78A32	1.50	138	WH-78C32	1.50	3.94	26.618	6.50	5.00	185
35	WH-78A35	1.50	165	WH-78C35	1.50	3.94	29.106	6.50	5.00	212
36	WH-78A36	1.50	175	WH-78C36	1.50	4.50	29.935	7.25	6.75	253
40	WH-78A40	1.50	216	WH-78C40	1.50	4.50	33.253	7.25	6.75	294
42	WH-78A42	1.50	238	WH-78C42	1.50	4.50	34.912	7.25	6.75	316
48	WH-78A48	1.50	311	WH-78C48	1.50	4.50	39.891	7.25	6.75	388
54	WH-78A54	1.50	393	WH-78C54	1.50	4.50	44.871	7.25	6.75	471
60	WH-78A60	1.50	485	WH-78C60	1.50	4.50	49.851	7.25	6.75	563

*7/8" plate thickness is available upon request. Please specify plate thickness when placing order.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: WH-124APC16) along with chain number, pitch, and barrel diameter.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number WH-82

For Tsubaki Chain Numbers WH-82, W-82, W-82H, WH-82H

All dimensions are in inches unless otherwise specified.

3.075 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-82A8	1.25	16	WH-82C8	1.25	3.19	8.035	5.25	3.88	32
9	WH-82A9	1.25	20	WH-82C9	1.25	3.19	8.991	5.25	3.88	36
10	WH-82A10	1.25	25	WH-82C10	1.25	3.19	9.951	5.25	3.88	40
11	WH-82A11	1.25	30	WH-82C11	1.25	3.19	10.915	5.25	3.88	45
12	WH-82A12	1.25	35	WH-82C12	1.25	3.19	11.881	5.25	3.88	41
13	WH-82A13	1.50	41	WH-82C13	1.50	3.44	12.849	5.50	4.25	60
14	WH-82A14	1.50	48	WH-82C14	1.50	3.44	13.819	5.50	4.25	67
15	WH-82A15	1.50	55	WH-82C15	1.50	3.44	14.79	5.50	4.25	74
16	WH-82A16	1.50	62	WH-82C16	1.50	3.44	15.762	5.50	4.25	81
17	WH-82A17	1.50	70	WH-82C17	1.50	3.44	16.735	6.00	5.25	112
18	WH-82A18	1.50	79	WH-82C18	1.50	3.94	17.708	6.50	5.75	132
19	WH-82A19	1.50	88	WH-82C19	1.50	3.94	18.682	6.50	5.75	141
20	WH-82A20	1.50	97	WH-82C20	1.50	3.94	19.657	6.50	5.75	150
21	WH-82A21	1.50	107	WH-82C21	1.50	3.94	20.632	6.50	5.75	160
22	WH-82A22	1.50	117	WH-82C22	1.50	3.94	21.607	6.50	5.75	170
23	WH-82A23	1.50	128	WH-82C23	1.50	3.94	22.583	6.50	5.75	181
24	WH-82A24	1.50	139	WH-82C24	1.50	3.94	23.558	6.50	5.75	193
25	WH-82A25	1.50	151	WH-82C25	1.50	4.44	24.535	7.00	5.875	214
26	WH-82A26	1.50	163	WH-82C26	1.50	4.44	25.511	7.00	5.875	226
27	WH-82A27	1.50	176	WH-82C27	1.50	4.44	26.487	7.00	5.875	239
28	WH-82A28	1.50	189	WH-82C28	1.50	4.44	27.464	7.00	5.875	252
29	WH-82A29	1.50	203	WH-82C29	1.50	4.44	28.441	7.00	5.875	266
30	WH-82A30	1.50	217	WH-82C30	1.50	4.44	29.418	7.00	5.875	280

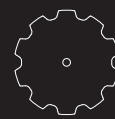
Sprocket Number WR-82XHD For Tsubaki Chain Number WR-82XHD

All dimensions are in inches unless otherwise specified.

3.075 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WR-82XHDA8	1.25	16	WR-82XHDC8	1.25	3.19	8.035	5.25	3.880	32
9	WR-82XHDA9	1.25	20	WR-82XHDC9	1.25	3.19	8.991	5.25	3.880	36
10	WR-82XHDA10	1.25	25	WR-82XHDC10	1.25	3.19	9.951	5.25	3.880	40
11	WR-82XHDA11	1.25	30	WR-82XHDC11	1.25	3.19	10.915	5.25	3.880	45
12	WR-82XHDA12	1.25	35	WR-82XHDC12	1.25	3.19	11.881	5.25	3.880	41
14	WR-82XHDA14	1.50	48	WR-82XHDC14	1.50	3.44	13.819	5.50	4.250	67
15	WR-82XHDA15	1.50	55	WR-82XHDC15	1.50	3.44	14.790	5.50	4.250	74
16	WR-82XHDA16	1.50	62	WR-82XHDC16	1.50	3.44	15.762	5.50	4.250	81
17	WR-82XHDA17	1.50	70	WR-82XHDC17	1.50	3.44	16.735	6.00	5.250	112
18	WR-82XHDA18	1.50	79	WR-82XHDC18	1.50	3.94	17.708	6.50	5.750	132
20	WR-82XHDA20	1.50	97	WR-82XHDC20	1.50	3.94	19.657	6.50	5.750	150
21	WR-82XHDA21	1.50	107	WR-82XHDC21	1.50	3.94	20.632	6.50	5.750	160
22	WR-82XHDA22	1.50	117	WR-82XHDC22	1.50	3.94	21.607	6.50	5.750	170
24	WR-82XHDA24	1.50	139	WR-82XHDC24	1.50	3.94	23.558	6.50	5.750	193
25	WR-82XHDA25	1.50	151	WR-82XHDC25	1.50	4.44	24.535	7.00	5.875	214
28	WR-82XHDA28	1.50	189	WR-82XHDC28	1.50	4.44	27.464	7.00	5.875	252
30	WR-82XHDA30	1.50	217	WR-82XHDC30	1.50	4.44	29.418	7.00	5.875	280



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number WR78-4 For Tsubaki Chain Number WR78-4

All dimensions are in inches unless otherwise specified.

4.000 Pitch				0.840 Barrel Diameter 1.000 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WR78-4A8	1.5	24	WR78-4C8	1.5	3.440	10.453	5.50	4.25	52
9	WR78-4A9	1.5	30	WR78-4C9	1.5	3.440	11.695	5.50	4.25	58
10	WR78-4A10	1.5	37	WR78-4C10	1.5	3.440	12.944	5.50	4.25	65
12	WR78-4A12	1.5	53	WR78-4C12	1.5	3.940	15.455	6.50	5.00	99
14	WR78-4A14	1.5	72	WR78-4C14	1.5	3.940	17.976	6.50	5.00	118
15	WR78-4A15	1.5	82	WR78-4C15	1.5	3.940	19.239	6.50	5.00	129
16	WR78-4A16	1.5	94	WR78-4C16	1.5	3.940	20.503	6.50	5.00	140
17	WR78-4A17	1.5	106	WR78-4C17	1.5	4.188	21.769	6.75	5.50	161
18	WR78-4A18	1.5	118	WR78-4C18	1.5	4.188	23.035	6.75	5.50	173
20	WR78-4A20	1.5	146	WR78-4C20	1.5	4.188	25.570	6.75	5.50	201

Sprocket Number WH-124

For Tsubaki Chain Numbers WH-124, W-124, W-124SS

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.250 Barrel Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-124A8	1.5	30	WH-124C8	1.5	3.44	10.453	5.50	4.25	49
9	WH-124A9	1.5	38	WH-124C9	1.5	3.44	11.695	5.50	4.25	56
10	WH-124A10	1.5	47	WH-124C10	1.5	3.44	12.944	5.50	4.25	65
11	WH-124A11	1.5	56	WH-124C11	1.5	3.94	14.198	6.50	5.00	89
12	WH-124A12	1.5	67	WH-124C12	1.5	3.94	15.455	6.50	5.00	99
13	WH-124A13	1.5	78	WH-124C13	1.5	3.94	16.714	6.50	5.00	111
14	WH-124A14	1.5	90	WH-124C14	1.5	3.94	17.976	6.50	5.00	123
15	WH-124A15	1.5	103	WH-124C15	1.5	3.94	19.239	6.50	5.00	136
16	WH-124A16	1.5	117	WH-124C16	1.5	3.94	20.503	6.50	5.00	150
17	WH-124A17	1.5	132	WH-124C17	1.5	4.19	21.769	6.75	5.50	187
18	WH-124A18	1.5	148	WH-124C18	1.5	4.19	23.035	6.75	5.50	203
19	WH-124A19	1.5	165	WH-124C19	1.5	4.19	24.302	6.75	5.50	220
20	WH-124A20	1.5	182	WH-124C20	1.5	4.19	25.57	6.75	5.50	237
21	WH-124A21	1.5	201	WH-124C21	1.5	4.44	26.838	7.00	6.00	265
22	WH-124A22	1.5	220	WH-124C22	1.5	4.44	28.107	7.00	6.00	285
24	WH-124A24	1.5	262	WH-124C24	1.5	4.44	30.645	7.00	6.00	326
25	WH-124A25	1.5	284	WH-124C25	1.5	4.44	31.915	7.00	6.00	348
26	WH-124A26	1.5	307	WH-124C26	1.5	4.94	33.185	7.50	6.25	384
28	WH-124A28	1.5	356	WH-124C28	1.5	4.94	35.726	7.50	6.25	433
30	WH-124A30	1.5	408	WH-124C30	1.5	4.94	38.267	7.50	6.25	485
32	WH-124A32	1.5	464	WH-124C32	1.5	5.44	40.809	8.00	6.25	552
35	WH-124A35	1.5	555	WH-124C35	1.5	5.44	44.623	8.00	6.25	643
36	WH-124A36	1.5	587	WH-124C36	1.5	5.44	45.895	8.00	6.25	675



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number WH-124H For Tsubaki Chain Numbers WH-124H, W-124H

All dimensions are in inches unless otherwise specified.

4.063 Pitch				1.750 Barrel Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-124HA8	1.5	38	WH-124HC8	1.5	3.94	10.617	6.5	5.00	68
9	WH-124HA9	1.5	47	WH-124HC9	1.5	3.94	11.879	6.5	5.00	78
10	WH-124HA10	1.5	58	WH-124HC10	1.5	3.94	13.148	6.5	5.00	88
11	WH-124HA11	1.5	70	WH-124HC11	1.5	3.94	14.421	6.5	5.00	100
12	WH-124HA12	1.5	82	WH-124HC12	1.5	4.44	15.698	7.0	6.00	129
13	WH-124HA13	1.5	96	WH-124HC13	1.5	4.44	16.978	7.0	6.00	143
14	WH-124HA14	1.5	112	WH-124HC14	1.5	4.44	18.259	7.0	6.00	158
15	WH-124HA15	1.5	128	WH-124HC15	1.5	4.44	19.542	7.0	6.00	174
16	WH-124HA16	1.5	145	WH-124HC16	1.5	4.44	20.826	7.0	6.00	191
17	WH-124HA17	1.5	163	WH-124HC17	1.5	5.44	22.112	8.0	6.00	248
18	WH-124HA18	1.5	183	WH-124HC18	1.5	5.44	23.398	8.0	6.00	268
19	WH-124HA19	1.5	204	WH-124HC19	1.5	5.44	24.685	8.0	6.00	288
20	WH-124HA20	1.5	226	WH-124HC20	1.5	5.44	25.973	8.0	6.00	310
21	WH-124HA21	1.5	249	WH-124HC21	1.5	5.44	27.261	8.0	6.00	333
22	WH-124HA22	1.5	273	WH-124HC22	1.5	5.44	28.549	8.0	6.00	357
24	WH-124HA24	1.5	324	WH-124HC24	1.5	5.44	31.128	8.0	6.00	409
25	WH-124HA25	1.5	352	WH-124HC25	1.5	5.44	32.418	8.0	6.00	436
26	WH-124HA26	1.5	380	WH-124HC26	1.5	5.44	33.708	8.0	6.25	468
28	WH-124HA28	1.5	440	WH-124HC28	1.5	5.44	36.288	8.0	6.25	529
30	WH-124HA30	1.5	505	WH-124HC30	1.5	5.44	38.87	8.0	6.25	594
32	WH-124HA32	1.5	575	WH-124HC32	1.5	5.44	41.452	8.0	6.25	663
35	WH-124HA35	1.5	687	WH-124HC35	1.5	5.94	45.326	9.0	6.25	799
36	WH-124HA36	1.5	727	WH-124HC36	1.5	5.94	46.618	9.0	6.25	839

Sprocket Number WR-124XHD For Tsubaki Chain Numbers WR-124XHD

All dimensions are in inches unless otherwise specified.

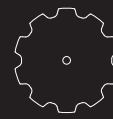
4.063 Pitch				1.750 Barrel Diameter 1.500 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WR-124XHDA8	1.5	38	WR-124XHDC8	1.5	3.94	10.617	6.5	5.00	68
9	WR-124XHDA9	1.5	47	WR-124XHDC9	1.5	3.94	11.879	6.5	5.00	78
10	WR-124XHDA10	1.5	58	WR-124XHDC10	1.5	3.94	13.148	6.5	5.00	88
11	WR-124XHDA11	1.5	70	WR-124XHDC11	1.5	3.94	14.421	6.5	5.00	100
12	WR-124XHDA12	1.5	82	WR-124XHDC12	1.5	4.44	15.698	7.0	6.00	129
13	WR-124XHDA13	1.5	96	WR-124XHDC13	1.5	4.44	16.978	7.0	6.00	143
14	WR-124XHDA14	1.5	112	WR-124XHDC14	1.5	4.44	18.259	7.0	6.00	158
15	WR-124XHDA15	1.5	128	WR-124XHDC15	1.5	4.44	19.542	7.0	6.00	174
16	WR-124XHDA16	1.5	145	WR-124XHDC16	1.5	4.44	20.826	7.0	6.00	191
17	WR-124XHDA17	1.5	163	WR-124XHDC17	1.5	5.44	22.112	8.0	6.00	248
18	WR-124XHDA18	1.5	183	WR-124XHDC18	1.5	5.44	23.398	8.0	6.00	268
19	WR-124XHDA19	1.5	204	WR-124XHDC19	1.5	5.44	24.685	8.0	6.00	288
20	WR-124XHDA20	1.5	226	WR-124XHDC20	1.5	5.44	25.973	8.0	6.00	310
21	WR-124XHDA21	1.5	249	WR-124XHDC21	1.5	5.44	27.261	8.0	6.00	333
22	WR-124XHDA22	1.5	273	WR-124XHDC22	1.5	5.44	28.549	8.0	6.00	357
24	WR-124XHDA24	1.5	324	WR-124XHDC24	1.5	5.44	31.128	8.0	6.00	409
25	WR-124XHDA25	1.5	352	WR-124XHDC25	1.5	5.44	32.418	8.0	6.00	436
26	WR-124XHDA26	1.5	380	WR-124XHDC26	1.5	5.44	33.708	8.0	6.25	468
28	WR-124XHDA28	1.5	440	WR-124XHDC28	1.5	5.44	36.288	8.0	6.25	529
30	WR-124XHDA30	1.5	505	WR-124XHDC30	1.5	5.44	38.87	8.0	6.25	594
32	WR-124XHDA32	1.5	575	WR-124XHDC32	1.5	5.44	41.452	8.0	6.25	663
35	WR-124XHDA35	1.5	687	WR-124XHDC35	1.5	5.94	45.326	9.0	6.25	799
36	WR-124XHDA36	1.5	727	WR-124XHDC36	1.5	5.94	46.618	9.0	6.25	839



When chain is run non-lubricated, it is recommended to have sprockets hardened to Rockwell C50 minimum.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number WH-111

For Tsubaki Chain Numbers WH-111, W-111

All dimensions are in inches unless otherwise specified.

4.760 Pitch				1.250 Barrel Diameter 2.250 Plate Thickness						
				Type C						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-111A8	1.5	78	WH-111C8	1.5	4.44	12.438	7.0	6.25	119
9	WH-111A9	1.5	97	WH-111C9	1.5	4.44	13.917	7.0	6.25	138
10	WH-111A10	1.5	119	WH-111C10	1.5	4.44	15.404	7.0	6.25	160
11	WH-111A11	1.5	143	WH-111C11	1.5	4.44	16.895	7.0	6.25	184
12	WH-111A12	1.5	170	WH-111C12	1.5	4.44	18.391	7.0	6.25	211
13	WH-111A13	1.5	198	WH-111C13	1.5	5.44	19.890	8.0	6.25	251
14	WH-111A14	1.5	230	WH-111C14	1.5	5.44	21.391	8.0	6.25	282
15	WH-111A15	1.5	263	WH-111C15	1.5	5.44	22.894	8.0	6.25	315
16	WH-111A16	1.5	299	WH-111C16	1.5	5.44	24.399	8.0	6.25	351
17	WH-111A17	1.5	336	WH-111C17	1.5	5.44	25.905	8.0	6.25	425
18	WH-111A18	1.5	377	WH-111C18	1.5	5.44	27.412	8.0	6.25	465
19	WH-111A19	1.5	420	WH-111C19	1.5	5.44	28.920	8.0	6.25	508
20	WH-111A20	1.5	464	WH-111C20	1.5	5.44	30.428	8.0	6.25	553
21	WH-111A21	1.5	512	WH-111C21	1.5	5.44	31.937	8.0	6.25	600
22	WH-111A22	1.5	561	WH-111C22	1.5	5.44	33.447	8.0	6.25	650
24	WH-111A24	1.5	667	WH-111C24	1.5	5.44	36.468	8.0	6.25	756
25	WH-111A25	1.5	724	WH-111C25	1.5	5.44	37.979	8.0	6.25	812
28	WH-111A28	1.5	607	WH-111C28	1.5	5.44	42.513	8.0	6.25	995
30	WH-111A30	1.5	1,040	WH-111C30	1.5	5.94	45.538	9.0	6.50	1,157

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: WH-124APC16) along with chain number, pitch, and barrel diameter.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number WH-106

For Tsubaki Chain Numbers WH-106, W-106

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-106A8	1.5	69	WH-106C8	1.5	4.44	15.679	7.0	6.00	117
9	WH-106A9	1.5	86	WH-106C9	1.5	4.44	17.543	7.0	6.00	135
10	WH-106A10	1.5	105	WH-106C10	1.5	4.44	19.416	7.0	6.00	157
11	WH-106A11	1.5	126	WH-106C11	1.5	5.44	21.297	8.0	6.25	193
12	WH-106A12	1.5	150	WH-106C12	1.5	5.44	23.182	8.0	6.25	216
13	WH-106A13	1.5	210	WH-106C13	1.5	5.44	25.071	8.0	6.25	298
14	WH-106A14	1.5	243	WH-106C14	1.5	5.44	26.964	8.0	6.25	331
15	WH-106A15	1.5	278	WH-106C15	1.5	5.44	28.858	8.0	6.25	367
16	WH-106A16	1.5	316	WH-106C16	1.5	5.44	30.755	8.0	6.25	405
17	WH-106A17	1.5	357	WH-106C17	1.5	5.44	32.653	8.0	6.25	445
18	WH-106A18	1.5	399	WH-106C18	1.5	5.44	34.553	8.0	6.25	487
19	WH-106A19	1.5	445	WH-106C19	1.5	5.44	36.453	8.0	6.25	533
20	WH-106A20	1.5	210	WH-106C20	1.5	5.44	38.355	8.0	6.25	267
21	WH-106A21	1.5	243	WH-106C21	1.5	5.94	40.257	9.0	6.25	300
22	WH-106A22	1.5	278	WH-106C22	1.5	5.94	42.160	9.0	6.25	335
24	WH-106A24	1.5	316	WH-106C24	1.5	5.94	45.968	9.0	6.25	373

Sprocket Number WH-720S

For Tsubaki Chain Numbers WH-720S, W-720S, W-720SH, WH-720SH

All dimensions are in inches unless otherwise specified.

6.000 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
9	WH-720SA9	1.5	77	WH-720SC9	1.5	3.94	17.543	6.5	5.0	118
10	WH-720SA10	1.5	95	WH-720SC10	1.5	3.94	19.416	6.5	5.0	138
11	WH-720SA11	1.5	114	WH-720SC11	1.5	3.94	21.296	6.5	5.0	159
19	WH-720SA19 HT	1.5	86	WH-720SC19 HT	1.5	3.94	18.479	6.5	5.0	128
21	WH-720SA21 HT	1.5	104	WH-720SC21 HT	1.5	3.94	20.356	6.5	5.0	148
23	WH-720SA23 HT	1.5	124	WH-720SC23 HT	1.5	3.94	22.239	6.5	5.0	170



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: WH-124APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number WR-106XHD

For Tsubaki Chain Number WR-106XHD

All dimensions are in inches unless otherwise specified.

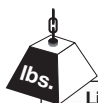
6.050 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WR-106XHDA8	1.5	83	WR-106XHDC8	1.5	5.44	15.809	7.0	5.0	137
9	WR-106XHDA9	1.5	105	WR-106XHDC9	1.5	5.44	17.689	7.0	5.0	158
10	WR-106XHDA10	1.5	128	WR-106XHDC10	1.5	5.44	19.578	7.0	5.0	182
11	WR-106XHDA11	1.5	154	WR-106XHDC11	1.5	5.94	21.474	8.0	5.5	232
12	WR-106XHDA12	1.5	183	WR-106XHDC12	1.5	5.94	23.375	8.0	5.5	260
14	WR-106XHDA14	1.5	247	WR-106XHDC14	1.5	5.94	27.188	8.0	5.5	325
15	WR-106XHDA15	1.5	283	WR-106XHDC15	1.5	5.94	29.099	8.0	5.5	361
16	WR-106XHDA16	1.5	322	WR-106XHDC16	1.5	6.50	31.011	9.0	6.0	429
18	WR-106XHDA18	1.5	406	WR-106XHDC18	1.5	6.50	34.841	9.0	6.0	513
20	WR-106XHDA20	1.5	500	WR-106XHDC20	1.5	6.50	38.674	9.0	6.0	608

Sprocket Number WH-132

For Tsubaki Chain Numbers WH-132, W-132, WC132, WH-132SS, W-150, WH-150, C132

All dimensions are in inches unless otherwise specified.

6.050 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-132A8	1.5	153	WH-132C8	1.5	5.44	15.809	8.0	6.75	205
9	WH-132A9	1.5	192	WH-132C9	1.5	5.44	17.689	8.0	6.75	244
10	WH-132A10	1.5	235	WH-132C10	1.5	5.44	19.578	8.0	6.75	287
11	WH-132A11	1.5	283	WH-132C11	1.5	5.94	21.474	9.0	6.75	352
12	WH-132A12	1.5	335	WH-132C12	1.5	5.94	23.375	9.0	6.75	404
13	WH-132A13	1.5	392	WH-132C13	1.5	5.94	25.28	9.0	6.75	461
14	WH-132A14	1.5	453	WH-132C14	1.5	5.94	27.188	9.0	6.75	522
15	WH-132A15	1.5	519	WH-132C15	1.5	5.94	29.099	9.0	6.75	588
16	WH-132A16	1.5	590	WH-132C16	1.5	6.50	31.011	10.0	6.75	697
18	WH-132A18	1.5	677	WH-132C18	1.5	6.50	34.841	10.0	6.75	826
20	WH-132A20	1.5	834	WH-132C20	1.5	6.50	38.674	10.0	6.75	983



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: WH-124APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number WR-132XHD

For Tsubaki Chain Number WR-132XHD

All dimensions are in inches unless otherwise specified.

6.050 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WR-132XHDA8	1.5	153	WR-132XHDC8	1.5	5.44	15.809	8.0	6.75	248
9	WR-132XHDA9	1.5	191	WR-132XHDC9	1.5	5.44	17.689	8.0	6.75	287
10	WR-132XHDA10	1.5	235	WR-132XHDC10	1.5	5.44	19.578	8.0	6.75	330
11	WR-132XHDA11	1.5	283	WR-132XHDC11	1.5	5.94	21.474	9.0	6.75	403
12	WR-132XHDA12	1.5	335	WR-132XHDC12	1.5	5.94	23.375	9.0	6.75	456
13	WR-132XHDA13	1.5	392	WR-132XHDC13	1.5	5.94	25.280	9.0	6.75	513
14	WR-132XHDA14	1.5	453	WR-132XHDC14	1.5	5.94	27.188	9.0	6.75	574
15	WR-132XHDA15	1.5	519	WR-132XHDC15	1.5	5.94	29.099	9.0	6.75	640
16	WR-132XHDA16	1.5	589	WR-132XHDC16	1.5	6.50	31.011	10.0	6.75	739
18	WR-132XHDA18	1.5	744	WR-132XHDC18	1.5	6.50	34.841	10.0	6.75	894
20	WR-132XHDA20	1.5	917	WR-132XHDC20	1.5	6.50	38.674	10.0	6.75	1,067

Sprocket Number WH-155

For Tsubaki Chain Numbers WH-155, W-155

All dimensions are in inches unless otherwise specified.

6.050 Pitch										
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	WH-155A8	1.5	153	WH-155C8	1.5	5.94	15.809	9.0	6.75	287
9	WH-155A9	1.5	192	WH-155C9	1.5	5.94	17.689	9.0	6.75	261
10	WH-155A10	1.5	235	WH-155C10	1.5	5.94	19.578	9.0	6.75	304
11	WH-155A11	1.5	283	WH-155C11	1.5	6.50	21.474	10.0	6.75	390
12	WH-155A12	1.5	335	WH-155C12	1.5	6.50	23.375	10.0	6.75	443
13	WH-155A13	1.5	392	WH-155C13	1.5	6.50	25.280	10.0	6.75	500
14	WH-155A14	1.5	453	WH-155C14	1.5	6.50	27.188	10.0	6.75	561
15	WH-155A15	1.5	519	WH-155C15	1.5	6.50	29.099	10.0	6.75	627
16	WH-155A16	1.5	590	WH-155C16	1.5	6.50	31.011	10.0	6.75	697



Lightening holes available on request for most sprockets.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Note: When sprockets are used for Amusement Park applications, specify "AP" (example: WH-124APC16) along with chain number, pitch, and barrel diameter.



Sprocket Number U-3945

For Tsubaki Chain Number U-3945

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.250 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	U-3945A8	1.5	43	U-3945C8	1.5	3.94	10.453	6.5	6.0	80
9	U-3945A9	1.5	53	U-3945C9	1.5	3.94	11.695	6.5	6.0	90
10	U-3945A10	1.5	65	U-3945C10	1.5	3.94	12.944	6.5	6.0	102
11	U-3945A11	1.5	79	U-3945C11	1.5	3.94	14.198	6.5	6.0	116
12	U-3945A12	1.5	93	U-3945C12	1.5	3.94	15.455	6.5	6.0	130

Sprocket Number U-3952

For Tsubaki Chain Number U-3952

All dimensions are in inches unless otherwise specified.

4.000 Pitch				1.437 Roller Diameter 1.750 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	U-3952A8	1.5	43	U-3952C8	1.5	3.94	10.453	6.5	6.0	80
9	U-3952A9	1.5	53	U-3952C9	1.5	3.94	11.695	6.5	6.0	90
10	U-3952A10	1.5	65	U-3952C10	1.5	3.94	12.944	6.5	6.0	102
11	U-3952A11	1.5	79	U-3952C11	1.5	3.94	14.198	6.5	6.0	116
12	U-3952A12	1.5	93	U-3952C12	1.5	3.94	15.455	6.5	6.0	130



Ask for hardened teeth for harsh environments.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number U-3940

For Tsubaki Chain Number U-3940

All dimensions are in inches unless otherwise specified.

6.000 Pitch										1.625 Roller Diameter 1.750 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	U-3940A8	1.5	96	U-3940C8	1.5	4.44	15.679	7.0	6.0	139
9	U-3940A9	1.5	120	U-3940C9	1.5	4.44	17.543	7.0	6.0	164
10	U-3940A10	1.5	147	U-3940C10	1.5	4.44	19.416	7.0	6.0	191
11	U-3940A11	1.5	177	U-3940C11	1.5	4.44	21.297	7.0	6.0	220
12	U-3940A12	1.5	210	U-3940C12	1.5	4.44	23.182	7.0	6.0	253

Sprocket Number U-9856

For Tsubaki Chain Number U-9856

All dimensions are in inches unless otherwise specified.

6.000 Pitch										2.750 Roller Diameter 2.750 Plate Thickness
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
8	U-9856A8	1.5	151	U-9856C8	1.5	5.44	15.679	8.0	6.75	203
9	U-9856A9	1.5	189	U-9856C9	1.5	5.44	17.543	8.0	6.75	241
10	U-9856A10	1.5	231	U-9856C10	1.5	5.44	19.416	8.0	6.75	283
11	U-9856A11	1.5	278	U-9856C11	1.5	5.94	21.297	9.0	6.75	347
12	U-9856A12	1.5	330	U-9856C12	1.5	5.94	23.182	9.0	6.75	398



Ask for hardened teeth for harsh environments.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

Drop Forged Rivetless Chain Sprockets



Sprocket Number X-348

For Tsubaki Chain Numbers X-348, 348, S-348

All dimensions are in inches unless otherwise specified.

3.015 Pitch				.625 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	X-348A5	1.25	13	X-348C5	1.25	2.44	9.757	4.00	2.75	20
6	X-348A6	1.25	19	X-348C6	1.25	2.44	11.649	4.00	2.75	26
7	X-348A7	1.25	26	X-348C7	1.25	2.44	13.549	4.00	2.75	32
8	X-348A8	1.25	33	X-348C8	1.25	2.94	15.454	4.75	3.13	45
9	X-348A9	1.25	42	X-348C9	1.25	2.94	17.363	4.75	3.13	53
10	X-348A10	1.25	52	X-348C10	1.25	2.94	19.273	4.75	3.13	63
11	X-348A11	1.25	63	X-348C11	1.25	2.94	21.185	4.75	3.13	74
12	X-348A12	1.25	74	X-348C12	1.25	2.94	23.099	4.75	3.13	86

All above sprockets can be furnished with either of 2 tooth profiles, relief or straight pocket styles. Specify "Relief Pocket" when additional clearances are required at the bottom diameter.

Sprocket Number X-458

For Tsubaki Chain Numbers X-458, 458, S-458

All dimensions are in inches unless otherwise specified.

4.031 Pitch				.875 Plate Thickness						
Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	X-458A5	1.5	33	X-458C5	1.5	3.44	13.045	5.5	4.25	54
6	X-458A6	1.5	47	X-458C6	1.5	3.44	15.575	5.5	4.25	68
7	X-458A7	1.5	64	X-458C7	1.5	3.44	18.115	5.5	4.25	85
8	X-458A8	1.5	83	X-458C8	1.5	3.94	20.662	6.5	5.00	120
9	X-458A9	1.5	105	X-458C9	1.5	3.94	23.214	6.5	5.00	141
10	X-458A10	1.5	130	X-458C10	1.5	3.94	25.768	6.5	5.00	166
11	X-458A11	1.5	157	X-458C11	1.5	3.94	28.325	6.5	5.00	193
12	X-458A12	1.5	186	X-458C12	1.5	3.94	30.883	6.5	5.00	222

All above sprockets can be furnished with either of 2 tooth profiles, relief or straight pocket styles. Specify "Relief Pocket" when additional clearances are required at the bottom diameter.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.



Sprocket Number X-678

For Tsubaki Chain Numbers X-678, 678, S-678

All dimensions are in inches unless otherwise specified.

6.031 Pitch

1.125 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	X-678A5	1.5	85	X-678C5	1.5	4.44	19.517	7.0	6.00	137
6	X-678A6	1.5	121	X-678C6	1.5	4.44	23.302	7.0	6.00	173
7	X-678A7	1.5	164	X-678C7	1.5	4.44	27.103	7.0	6.00	201
8	X-678A8	1.5	213	X-678C8	1.5	5.44	30.914	8.0	6.25	262
9	X-678A9	1.5	269	X-678C9	1.5	5.44	34.731	8.0	6.25	318
10	X-678A10	1.5	331	X-678C10	1.5	5.44	38.553	8.0	6.25	381
11	X-678A11	1.5	400	X-678C11	1.5	5.94	42.378	9.0	6.50	450
12	X-678A12	1.5	476	X-678C12	1.5	5.94	46.205	9.0	6.50	525

All above sprockets can be furnished with either of 2 tooth profiles, relief or straight pocket styles. Specify "Relief Pocket" when additional clearances are required at the bottom diameter.

Sprocket Number 698

For Tsubaki Chain Numbers 698, S-698

All dimensions are in inches unless otherwise specified.

6.031 Pitch

1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	698A5	1.5	106	698C5	1.5	5.44	19.517	8.0	6.25	173
6	698A6	1.5	151	698C6	1.5	5.44	23.302	8.0	6.25	218
7	698A7	1.5	205	698C7	1.5	5.94	27.103	9.0	6.50	272
8	698A8	1.5	266	698C8	1.5	5.94	30.914	9.0	6.50	333
9	698A9	1.5	336	698C9	1.5	5.94	34.731	9.0	6.50	403
10	698A10	1.5	414	698C10	1.5	6.50	38.553	10.0	6.75	497
11	698A11	1.5	500	698C11	1.5	6.50	42.378	10.0	6.75	584
12	698A12	1.5	595	698C12	1.5	6.50	46.205	10.0	6.75	678

All above sprockets can be furnished with either of 2 tooth profiles, relief or straight pocket styles. Specify "Relief Pocket" when additional clearances are required at the bottom diameter.

Sprocket Number 998

For Tsubaki Chain Numbers 998, S-998

All dimensions are in inches unless otherwise specified.

9.031 Pitch

1.250 Plate Thickness

Type A				Type C						
Number of Teeth	Catalogue Number	Stock Bore	Approx. Wt. (lbs.)	Catalogue Number	Stock Bore	Maximum Bore	Pitch Diameter	Hub Diameter	L.T.B.	Approx. Wt. (lbs.)
5	998A5	1.5	238	998C5	1.5	5.94	29.225	9.0	6.50	305
6	998A6	1.5	339	998C6	1.5	5.94	34.893	9.0	6.50	406
7	998A7	1.5	459	998C7	1.5	6.50	40.585	10.0	6.75	542
8	998A8	1.5	597	998C8	1.5	6.50	46.291	10.0	6.75	680
9	998A9	1.5	754	998C9	1.5	6.50	52.007	10.0	6.75	837
10	998A10	1.5	929	998C10	1.5	6.50	57.730	10.0	6.75	1,012

All above sprockets can be furnished with either of 2 tooth profiles, relief or straight pocket styles. Specify "Relief Pocket" when additional clearances are required at the bottom diameter.



If the sprocket needed is not listed above, please contact Tsubaki for made-to-order custom sprockets.

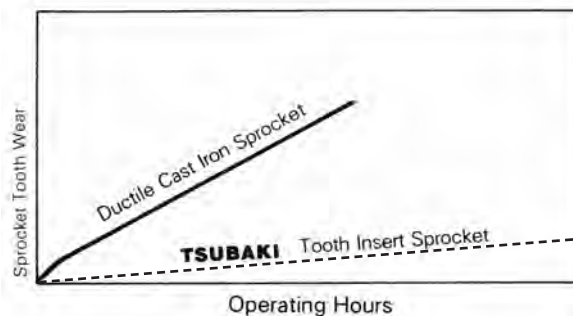
Stainless steel tooth insert sprockets for Sanitation Chain

Sand and dirt scrapers create special problems for chains and for sprockets, which must offer reliable performance, a long working life, and resistance against corrosion and wear.

Stainless Steel Tooth Insert Sprockets used with Sanitation Chain keep sand and dirt scrapers operating efficiently. The stainless steel insert teeth prevent galvanic corrosion and offer superb wear and corrosion resistance. You get efficiency, economy, and performance.

Tooth Insert Sprockets greatly outperform cast iron sprockets by at least 300%, as shown above.

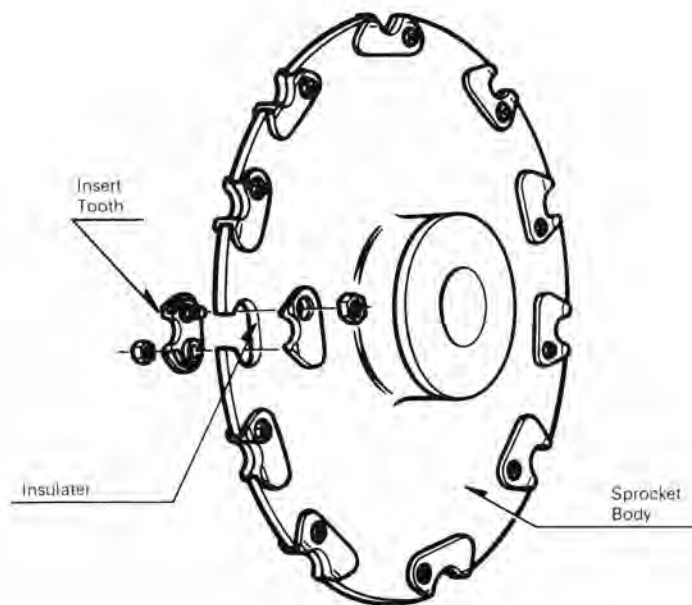
Sprocket Wear



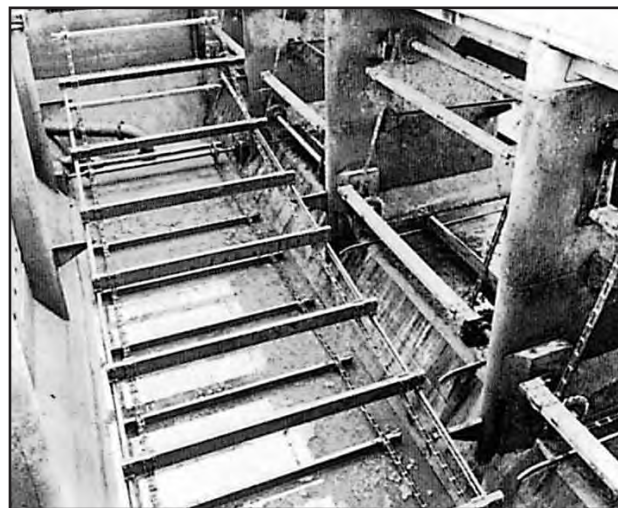
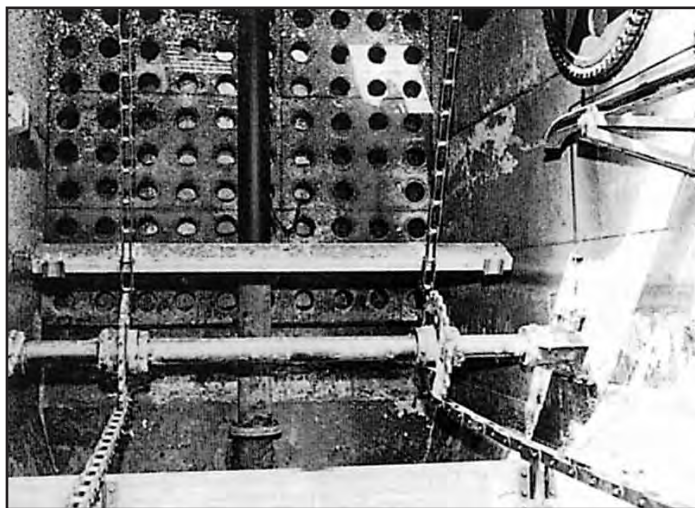
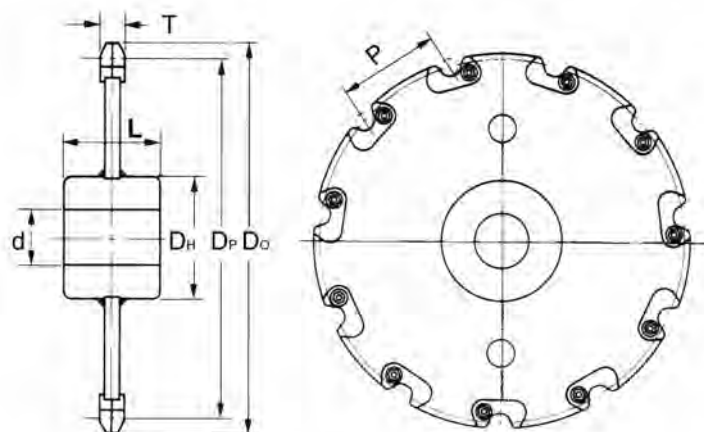
Benefits

- Reliable Performance
- Corrosion Protection
- Superb Wear Resistance
- Low-Cost Maintenance

Construction



Note: Sprockets with different number of teeth are available upon request.

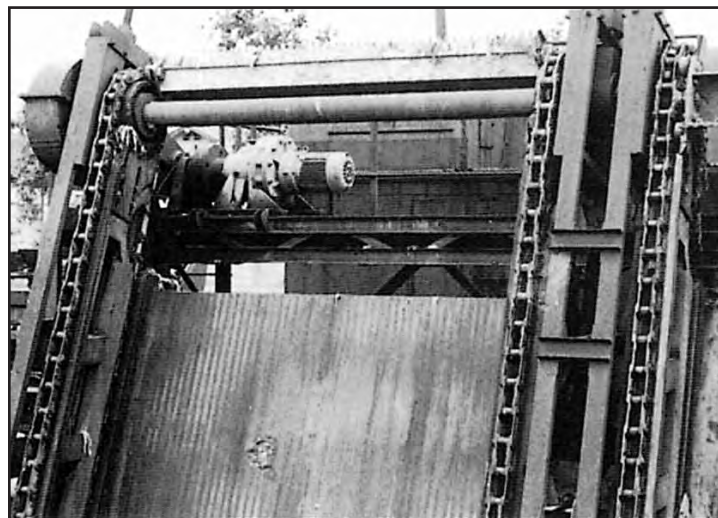
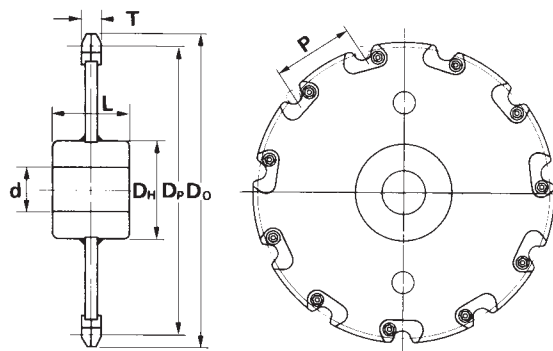


ACR810 Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.504	17.543	2.362	3.937	5.906	5.512	.709	62
9	18.504	17.543	3.150	4.724	7.087	5.512	.709	75
9	18.504	17.543	3.543	5.512	8.268	5.512	.709	93
10	20.353	19.417	2.362	3.937	5.906	5.512	.709	66
10	20.353	19.417	3.150	4.724	7.087	5.512	.709	79
10	20.353	19.417	3.543	5.512	8.268	5.512	.709	97
11	22.244	21.295	2.362	3.937	5.906	5.512	.709	73
11	22.244	21.295	3.150	4.724	7.087	5.512	.709	86
11	22.244	21.295	3.543	5.512	8.268	5.512	.709	104
12	24.094	23.181	2.362	3.937	5.906	5.512	.709	82
12	24.094	23.181	3.150	4.724	7.087	5.512	.709	95
12	24.094	23.181	3.543	5.512	8.268	5.512	.709	112



JAC08152-S Bar Screen Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.583	17.543	1.967	3.150	5.118	3.937	.866	55
9	18.583	17.543	2.362	3.543	5.512	3.937	.866	57
9	18.583	17.543	2.756	3.937	5.906	3.937	.866	59
10	20.433	19.417	1.967	3.150	5.118	3.937	.866	62
10	20.433	19.417	2.362	3.543	5.512	3.937	.866	64
10	20.433	19.417	2.756	3.937	5.906	3.937	.866	66
11	22.323	21.295	2.362	3.937	5.906	4.724	.866	81
11	22.323	21.295	2.756	4.331	6.299	4.724	.866	84
11	22.323	21.295	3.150	4.724	7.087	4.724	.866	92
12	24.173	23.181	2.362	3.937	5.906	4.724	.866	90
12	24.173	23.181	2.756	4.331	6.299	4.724	.866	92
12	24.173	23.181	3.150	4.724	7.087	4.724	.866	101

Note: Sprockets with different number of teeth are available upon request.

JAC10152-S Bar Screen Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

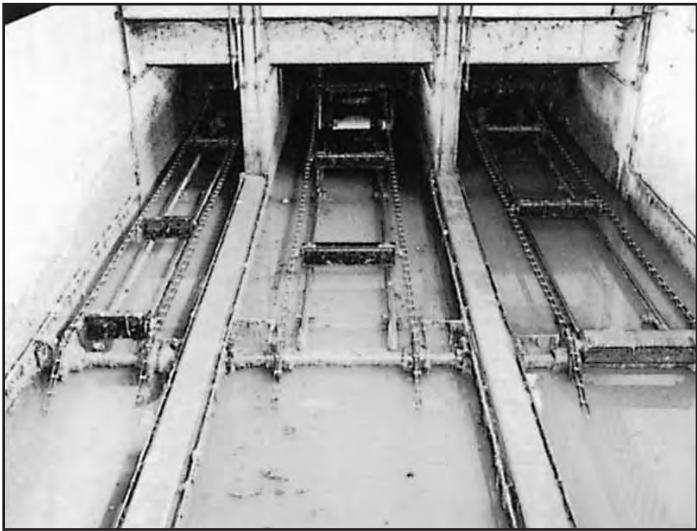
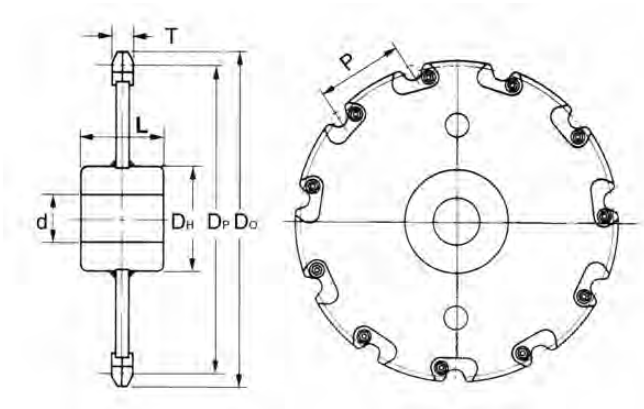
No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.504	17.543	2.362	3.937	5.906	4.724	.945	66
9	18.504	17.543	2.756	4.331	6.299	4.724	.945	68
9	18.504	17.543	3.150	4.724	7.087	4.724	.945	75
10	20.354	19.417	2.362	3.937	5.906	4.724	.945	73
10	20.354	19.417	2.756	4.331	6.299	4.724	.945	75
10	20.354	19.417	3.150	4.724	7.087	4.724	.945	84
11	22.244	21.295	2.756	4.331	6.299	5.118	.945	86
11	22.244	21.295	3.150	4.724	7.087	5.118	.945	95
11	22.244	21.295	3.543	5.118	7.480	5.118	.945	99
12	24.094	23.181	2.756	4.331	6.299	5.118	.945	95
12	24.094	23.181	3.150	4.724	7.087	5.118	.945	103
12	24.094	23.181	3.543	5.118	7.480	5.118	.945	108

JAC6205-S Bar Screen Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.898	17.543	2.756	4.331	6.299	5.118	1.181	84
9	18.898	17.543	3.150	4.724	7.087	5.118	1.181	88
9	18.898	17.543	3.543	5.118	7.480	5.118	1.181	95
10	20.748	19.417	2.756	4.331	6.299	5.118	1.181	92
10	20.748	19.417	3.150	4.724	7.087	5.118	1.181	97
10	20.748	19.417	3.543	5.118	7.480	5.118	1.181	103
11	22.598	21.295	3.543	5.118	7.480	6.299	1.181	128
11	22.598	21.295	3.937	5.512	8.268	6.299	1.181	143
11	22.598	21.295	4.331	5.906	9.055	6.299	1.181	152
12	24.449	23.181	3.543	5.118	7.480	6.299	1.181	139
12	24.449	23.181	3.937	5.512	8.268	6.299	1.181	152
12	24.449	23.181	4.331	5.906	9.055	6.299	1.181	165



ACS13103W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

4.063 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	12.913	11.878	1.969	3.150	5.118	4.331	.866	37
9	12.913	11.878	2.362	3.543	5.512	4.331	.866	40
9	12.913	11.878	2.756	3.937	5.906	4.331	.866	42
10	14.173	13.148	1.969	3.150	5.118	4.331	.866	42
10	14.173	13.148	2.362	3.543	5.512	4.331	.866	44
10	14.173	13.148	2.756	3.937	5.906	4.331	.866	46
11	15.433	14.421	1.969	3.150	5.118	4.331	.866	44
11	15.433	14.421	2.362	3.543	5.512	4.331	.866	46
11	15.433	14.421	2.756	3.937	5.906	4.331	.866	48
12	16.693	15.697	1.969	3.150	5.118	4.331	.866	48
12	16.693	15.697	2.362	3.543	5.512	4.331	.866	51
12	16.693	15.697	2.756	3.937	5.906	4.331	.866	53
13	17.992	16.976	1.969	3.150	5.118	4.331	.866	55
13	17.992	16.976	2.362	3.543	5.512	4.331	.866	57
13	17.992	16.976	2.756	3.937	5.906	4.331	.866	59

Note: Sprockets with different number of teeth are available upon request.

Section E

ACS13152W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

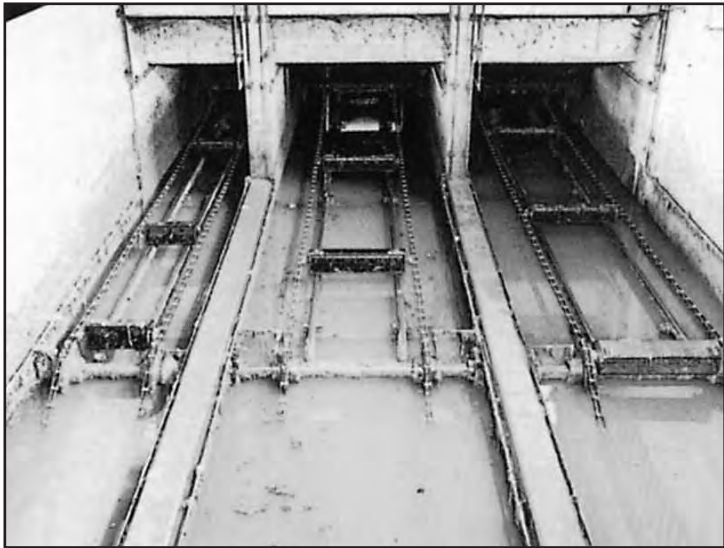
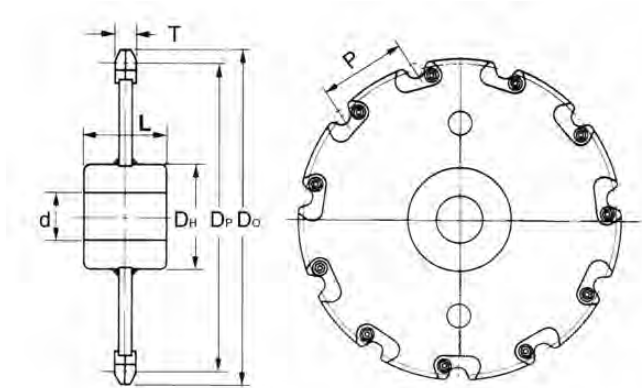
No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.543	17.543	2.362	3.937	5.906	5.118	.866	66
9	18.543	17.543	2.756	4.331	6.693	5.118	.866	75
9	18.543	17.543	3.150	4.724	7.087	5.118	.866	79
10	20.394	19.417	2.362	3.937	5.906	5.118	.866	73
10	20.394	19.417	2.756	4.331	6.693	5.118	.866	81
10	20.394	19.417	3.150	4.724	7.087	5.118	.866	86
11	22.283	21.295	2.362	3.937	5.906	5.118	.866	81
11	22.283	21.295	2.756	4.331	6.693	5.118	.866	90
11	22.283	21.295	3.150	4.724	7.087	5.118	.866	95
12	23.134	23.181	2.362	3.937	5.906	5.118	.866	92
12	23.134	23.181	2.756	4.331	6.693	5.118	.866	101
12	23.134	23.181	3.150	4.724	7.087	5.118	.866	106

ACS15152W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.504	17.543	2.362	3.937	5.906	5.118	.866	66
9	18.504	17.543	2.756	4.331	6.693	5.118	.866	75
9	18.504	17.543	3.150	4.724	7.087	5.118	.866	79
10	20.354	19.417	2.362	3.937	5.906	5.118	.866	73
10	20.354	19.417	2.756	4.331	6.693	5.118	.866	81
10	20.354	19.417	3.150	4.724	7.087	5.118	.866	86
11	22.244	21.295	2.362	3.937	5.906	5.118	.866	81
11	22.244	21.295	2.756	4.331	6.693	5.118	.866	90
11	22.244	21.295	3.150	4.724	7.087	5.118	.866	95
12	24.094	23.181	2.362	3.937	5.906	5.118	.866	92
12	24.094	23.181	2.756	4.331	6.693	5.118	.866	101
12	24.094	23.181	3.150	4.724	7.087	5.118	.866	106



ACS19152W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.504	17.543	3.150	4.724	7.087	5.512	.984	81
9	18.504	17.543	3.543	5.118	7.480	5.512	.984	86
9	18.504	17.543	3.937	5.512	8.268	5.512	.984	97
10	20.354	19.417	3.150	4.724	7.087	5.512	.984	88
10	20.354	19.417	3.543	5.118	7.480	5.512	.984	92
10	20.354	19.417	3.937	5.512	8.268	5.512	.984	103
11	22.244	21.295	3.150	4.724	7.087	5.512	.984	97
11	22.244	21.295	3.543	5.118	7.480	5.512	.984	101
11	22.244	21.295	3.937	5.512	8.268	5.512	.984	112
12	24.094	23.181	3.150	4.724	7.087	5.512	.984	106
12	24.094	23.181	3.543	5.118	7.480	5.512	.984	110
12	24.094	23.181	3.937	5.512	8.268	5.512	.984	121

Note: Sprockets with different number of teeth are available upon request.

Section E

ACS25152W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.504	17.543	3.150	4.724	7.087	5.512	.984	81
9	18.504	17.543	3.543	5.118	7.480	5.512	.984	86
9	18.504	17.543	3.937	5.512	8.268	5.512	.984	97
10	20.354	19.417	3.150	4.724	7.087	5.512	.984	88
10	20.354	19.417	3.543	5.118	7.480	5.512	.984	92
10	20.354	19.417	3.937	5.512	8.268	5.512	.984	103
11	22.244	21.295	3.150	4.724	7.087	5.512	.984	97
11	22.244	21.295	3.543	5.118	7.480	5.512	.984	101
11	22.244	21.295	3.937	5.512	8.268	5.512	.984	112
12	24.094	23.181	3.150	4.724	7.087	5.512	.984	106
12	24.094	23.181	3.543	5.118	7.480	5.512	.984	110
12	24.094	23.181	3.937	5.512	8.268	5.512	.984	121

ACS35152W Heavy Duty Collector Tank Sprockets

All dimensions are in inches unless otherwise specified.

6.000 Pitch

No. of Teeth	Outside Diameter	Pitch Diameter	Bore Diameter		Hub Diameter	Hub Length	Tooth Thickness	Approximate Weight (lbs./piece)
			Minimum	Maximum				
	D _O	D _P	d	d	D _H	L	T	
9	18.898	17.543	3.150	4.724	7.087	5.512	1.260	101
9	18.898	17.543	3.543	5.118	7.480	5.512	1.260	106
9	18.898	17.543	3.937	5.512	8.268	5.512	1.260	114
10	20.748	19.417	3.150	4.724	7.087	5.512	1.260	110
10	20.748	19.417	3.543	5.118	7.480	5.512	1.260	114
10	20.748	19.417	3.937	5.512	8.268	5.512	1.260	123
11	22.598	21.295	3.150	4.724	7.087	5.512	1.260	123
11	22.598	21.295	3.543	5.118	7.480	5.512	1.260	128
11	22.598	21.295	3.937	5.512	8.268	5.512	1.260	136
12	24.449	23.181	3.150	4.724	7.087	5.512	1.260	136
12	24.449	23.181	3.543	5.118	7.480	5.512	1.260	141
12	24.449	23.181	3.937	5.512	8.268	5.512	1.260	150

Tsubaki supplies custom weld-on or bolt-on ring sprockets for drag chains. These are Made-to-Order for any welded steel drag chain.

When ordering, specify the following:

- Drag Chain Number
- Number of Teeth
- Tooth profile: Low (standard) or High (Custom)
- Plate Thickness Required
- Bore Size and Tolerance
- Bolt pattern for bolt-on rings
- Special mounting hardware (brackets, bolts, etc.) if required.



Sprocket Number WD-102 For Tsubaki Chain Number WD-102

All dimensions in inches unless otherwise specified.

5.000 Pitch 6.375 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
6	WD-102-6	3.9375	10.00
8	WD-102-8	5.9375	13.07
9	WD-102-9	5.9375	14.62
10	WD-102-10	5.9375	16.18
12	WD-102-12	5.9375	19.32
13	WD-102-13	5.9375	20.89

Sprocket Number WD-110 and WD-113 For Tsubaki Chain Numbers WD-110 and WD-113

All dimensions in inches unless otherwise specified.

6.000 Pitch 9.000 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
6	WD-110-113-6	4.4375	12.00
8	WD-110-113-8	5.9375	15.68
9	WD-110-113-9	5.9375	17.54
10	WD-110-113-10	5.9375	19.42
11	WD-110-113-11	5.9375	21.30

Sprocket Number WD-116 For Tsubaki Chain Number WD-116

All dimensions in inches unless otherwise specified.

8.000 Pitch 13.000 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
7	WD-116-7	5.4375	18.44
8	WD-116-8	5.9375	20.90
9	WD-116-9	5.9375	23.39

Sprocket Number WD-120 For Tsubaki Chain Number WD-120

All dimensions in inches unless otherwise specified.

6.000 Pitch 8.750 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
6	WD-120-6	5.9375	12.00
8	WD-120-8	5.9375	15.68
11	WD-120-11	5.9375	21.30

Sprocket Number WD-480 For Tsubaki Chain Number WD-480

All dimensions in inches unless otherwise specified.

8.000 Pitch 11.000 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
6	WD-480-6	5.4375	16.00
7	WD-480-7	5.4375	18.44
8	WD-480-8	5.9375	20.90
9	WD-480-9	5.9375	23.39
11	WD-480-11	5.9375	28.40

Sprocket Number WD-104 For Tsubaki Chain Number WD-104

All dimensions in inches unless otherwise specified.

6.000 Pitch 4.125 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
8	WD-104-8	4.9375	15.68
9	WD-104-9	5.9375	17.54
10	WD-104-10	5.9375	19.42
11	WD-104-11	5.9375	21.30

Sprocket Number WD-112 For Tsubaki Chain Number WD-112

All dimensions in inches unless otherwise specified.

8.000 Pitch 9.000 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
7	WD-112-7	4.9375	18.44
8	WD-112-8	5.9375	20.90
9	WD-112-9	5.9375	23.39

Sprocket Number WD-118 For Tsubaki Chain Number WD-118

All dimensions in inches unless otherwise specified.

8.000 Pitch 13.000 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
7	WD-118-7	5.4375	18.44
8	WD-118-8	5.9375	20.90
9	WD-118-9	5.9375	23.39

Sprocket Number WD-122 For Tsubaki Chain Number WD-122

All dimensions in inches unless otherwise specified.

8.000 Pitch 8.750 Tooth Face

Number of Teeth	Catalogue Number	Maximum Bore	Pitch Diameter
6	WD-122-6	5.4375	16.00
7	WD-122-7	5.4375	18.44
9	WD-122-9	5.9375	23.39



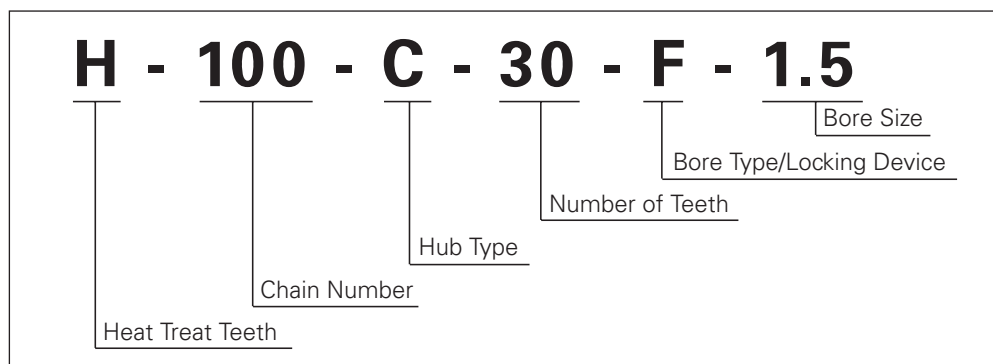
Specific information about the sprocket must be described during the ordering or quoting process. A summary is provided in Table 1 below.

Table 1 - Information Necessary to Order Sprockets

1. Chain Size	Number, type, or drawing of chain to be used with the sprocket. For Engineering Class, the suitability of the sprocket depends on specific chain dimensions: Chain pitch, roller or barrel diameter, inside width of chain or roller face, chain height, and chain type.											
2. Teeth	The number of actual teeth on the sprocket. For Engineering Class Sprockets, if applicable, the number of working teeth, mid-pitch relief, or gap-toothed construction should be specified. This is necessary when driving conveyors with special through-rods or attachments that will interfere with the engagement. Special outside diameters are sometimes required to clear attachments.											
3. Material	a. Standard Carbon Steel, with or without hardened teeth. b. Stainless Steel (Specify grade where applicable) c. Special materials such as alloy steel, bronze, etc., state preference and alternative where appropriate.											
4. Hub Type	<table><tr><td>Plate Only</td><td>Hub One Side</td><td>Hub Both Sides</td><td>Offset hubs on both sides (not symmetrical)</td></tr><tr><td>Type A</td><td>Type B</td><td>Type C</td><td>Type C Offset</td></tr></table>				Plate Only	Hub One Side	Hub Both Sides	Offset hubs on both sides (not symmetrical)	Type A	Type B	Type C	Type C Offset
Plate Only	Hub One Side	Hub Both Sides	Offset hubs on both sides (not symmetrical)									
Type A	Type B	Type C	Type C Offset									
5. Exact Diameter of Shaft Bore	Show special tolerances; keyway size; keyway location when required. If the keyway is not standard, specify straight, tapered, square or flat, and dimensions.											
6. Set Screws	If set screws are not cup point, specify type. Tsubaki standard for finished bore is two (2) set screws. For other requirements, indicate number of screws and location.											
7. Hub Dimensions	These measurements are usually manufacturer’s standard. However, for special orders, outside diameter and Length-Thru-Bore should be specified. For Type C Offset sprockets, specify the Length-Thru-Bore and the projection length of one of the hubs (measure hub length from sprocket plate).											

To make ordering as easy as possible, Table 1 shows the general information you need to provide. On your order, indicate the Sprocket part number. This number is composed of the chain number, the hub type, the number of teeth, the locking-device (if any is required), and the bore size. An example is shown below. If you are unsure of your part number, our inside sales group can be of assistance.

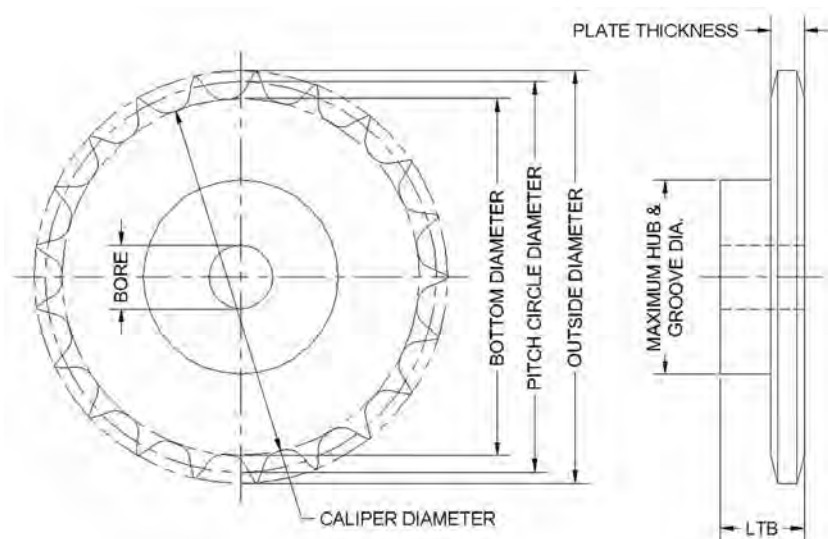
Sprocket Order Number



Chain Number indicates the type and size of chain that will run on the Sprocket. For ANSI roller chain, the right hand number refers to the chain proportions. For example, 0 (zero) is for normal proportions. The numbers to the left of the right-hand digit denote the number of 1/8 inches in the pitch. The letter “H” following the chain number denotes heavy series. British Standard roller chain does not have a designation for the proportions of the chain. Instead, the first two digits of the chain number denote the number of 1/16 inches in the pitch.

Chain Pitch is the distance between the pin centerlines in a link of chain. This distance is used to make the tooth profile of a sprocket, but cannot easily be measured on a finished sprocket. If the pitch of a sprocket is incorrect, the chain will not sit properly when wrapped around the teeth.

Pitch Diameter is the diameter of the theoretical circle that passes through the centers of the link pins when the chain is wrapped around the sprocket. This can't be measured on the sprocket itself, since it is a dimension used to design to tooth profile.



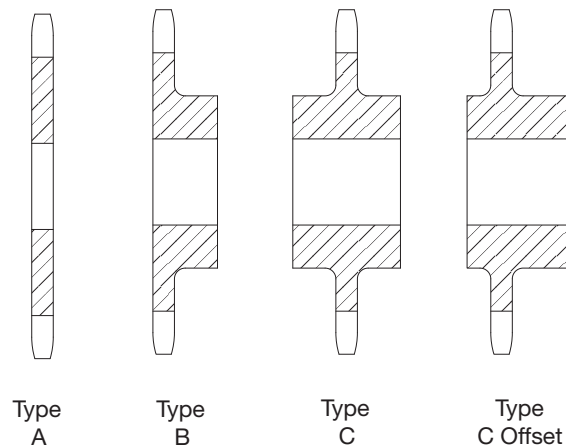
Bottom Diameter is the diameter of a circle tangent to the curve (called the seating curve) at the bottom of the tooth gaps. This dimension cannot be measured properly on odd-toothed sprockets, so the Caliper Diameter is used.

Caliper Diameter is the same as the bottom diameter for a sprocket with an even number of teeth. For a sprocket with an odd number of teeth, it is the distance from the bottom of one tooth gap to the bottom of the nearest opposite tooth gap.

Outside Diameter is the diameter over the tips of the sprocket teeth.

Hub Type indicates the core of the sprocket. Each type is designed for a specific need.

- **Type A** does not have a hub as part of the sprocket wheel. The wheel must be mounted on a flange, hub, or other holding device.
- **Type B** has the hub extending on one side from the wheel. This type is usually found on small and intermediate size sprockets.
- **Type C** has a hub of equal length on both sides of the wheel. Type C is generally found on large-diameter or very heavy sprockets. Type C is also most common for Engineering Class Sprockets.
- **Type C Offset** indicates a two-sided hub that is off center because the hub lengths are not equal.



Hub Diameter is the outside diameter of the hub, which cannot exceed the chain clearance circle.

Maximum Hub Diameter is the largest size of hub, without interfering with the chain articulation (wrapping around the sprocket).

Maximum Bore is the largest bore that can be safely put into the sprocket. It must allow sufficient hub wall thickness for the application's torque, with allowances made for keyway(s) and set screws.

Locking Device is an important consideration. Finished Bore (two set screws and a single keyway) is the most common mounting method supplied by Tsubaki. Typically, set screws are placed over the keyway and at 90° to the key, from the hub side. Other mountings or locking devices can be specified, including Tsubaki Power-Locks, Split Taper, "QD" Style and Taper Lock bushings, bearing and bushing idlers, and more. Power-Lock keyless locking devices are recommended for extra holding power in higher torque conditions. See section F in the catalogue for more information on Tsubaki Power-Locks.

Bore Size ranges are indicated in the Sprocket tables. Finished and plain bore sprockets are furnished to ANSI standard tolerances. Other tolerances can be furnished on request. If you wish to bore your own sprockets, Tsubaki stocks a wide range of "stock bore" sprockets, with a small pilot bore, suitable for reborings. Verify that your finished bore will fit in the stock hub by checking the sprocket tables. For bores outside the stated bore ranges, the sprocket can be supplied with a larger hub.

Heat-Treatment options are available. Tsubaki stocks many sizes of roller chain sprockets with heat-treated teeth, which are hardened within a range of Rockwell C 35 to 50 (minimum RC 35). Specify hardened teeth when ordering. If a tighter hardness range (eg. RC 35 to 40), or a higher minimum hardness (eg. minimum RC50) is required, it should be specified at the time of order and may require a different grade of steel or process than the stock range.

Length Thru Bore, or LTB, is the length of the bore through the sprocket. The LTB must be long enough to allow for the proper length key to transmit the torque of the application. The LTB must also be long enough to ensure the stability of the sprocket on the shaft.

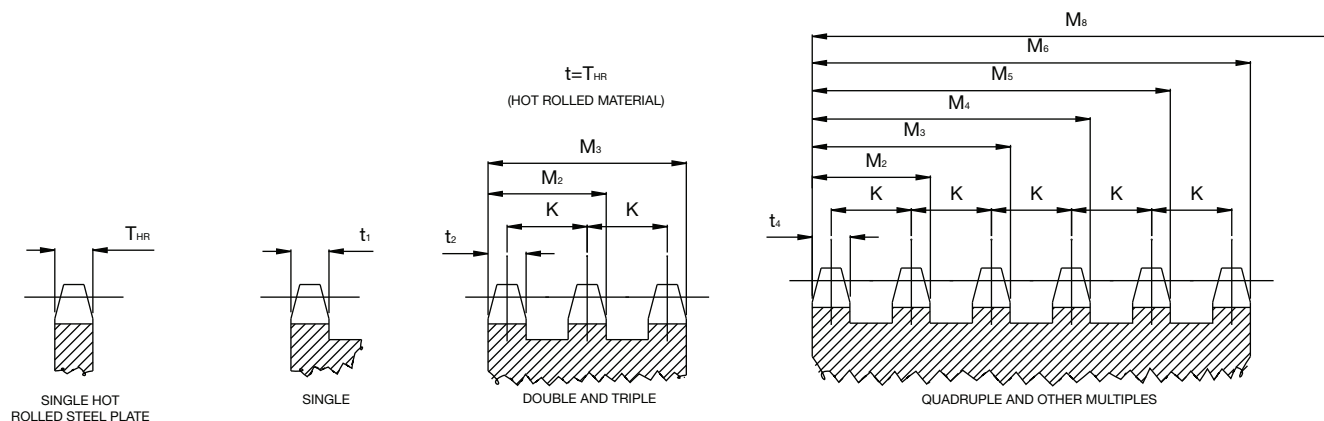


Table 2 - Roller Chain Sprocket Tooth Dimensions - Standard and Heavy Series

All dimensions in inches unless otherwise stated.

Chain Data For All Sprockets				Single Strand t ₁ and T _{HR}	Double and Triple Strand			For 4 or more Strands								Machining Tolerance on "t" and "M"	Hot Rolled Tolerance
Chain Size	Pitch	Roller Width	Roller Dia.		t ₂	M ₂	M ₃	t ₄	M ₂	M ₃	M ₄	M ₅	M ₆	M ₈	K		
																	on T _{HR}
STANDARD SERIES ROLLER CHAIN SPROCKETS																	
25	¼	⅛	.130	.110	.107	.359	.611	.096	.348	.600	.852	1.140	1.356	1.860	.252	-.007	-.021
35	⅜	⅜ ₁₆	.200	.168	.162	.561	.960	.149	.548	.947	1.346	1.745	2.144	2.942	.399	-.008	-.027
41	½	¼	.306	.227	na	na	na	na	na	na	na	na	na	na	na	-.009	-.032
40	½	5 ₁₆	.312	.284	.275	.841	1.407	.256	.822	1.388	1.954	2.520	3.086	4.218	.566	-.009	-.035
50	⅝	⅜	.400	.343	.332	1.045	1.758	.311	1.024	1.737	2.450	3.163	3.876	5.302	.713	-.010	-.036
60	¾	½	.469	.459	.444	1.341	2.238	.418	1.315	2.212	3.109	4.006	4.903	6.697	.897	-.011	-.036
80	1	⅝	.625	.575	.557	1.710	2.863	.526	1.679	2.832	3.985	5.138	6.291	8.597	1.153	-.012	-.040
100	1¼	¾	.750	.692	.669	2.077	3.485	.633	2.041	3.449	4.857	6.265	7.673	10.489	1.408	-.014	-.046
120	1½	1	.875	.924	.894	2.683	4.472	.848	2.637	4.426	6.215	8.004	9.793	13.371	1.789	-.016	-.057
140	1¾	1	1.000	.924	.894	2.818	4.742	.848	2.772	4.696	6.620	8.544	10.468	14.316	1.924	-.016	-.057
160	2	1¼	1.125	1.156	1.119	3.424	5.729	1.063	3.368	5.673	7.978	10.283	12.588	17.198	2.305	-.019	-.062
180	2¼	1⅜ ₃₂	1.406	1.301	1.259	3.851	6.443	1.197	3.789	6.381	8.973	11.565	14.157	19.341	2.592	-.020	-.068
200	2½	1½	1.562	1.389	1.344	4.161	6.978	1.278	4.095	6.912	9.729	12.546	15.363	20.997	2.817	-.021	-.072
240	3	1⅞	1.875	1.738	1.682	5.140	8.598	1.601	5.059	8.517	11.975	15.433	18.891	-	3.458	-.025	-.087
HEAVY SERIES ROLLER CHAIN SPROCKETS																	
60H	¾	½	.469	.459	.444	1.472	2.500	.418	1.446	2.474	3.502	4.530	5.558	7.614	1.028	-.011	-.036
80H	1	⅝	.625	.575	.557	1.840	3.123	.526	1.809	3.092	4.375	5.568	6.941	9.507	1.283	-.012	-.040
100H	1¼	¾	.750	.692	.669	2.208	3.747	.633	2.172	3.711	5.250	6.789	8.328	11.406	1.539	-.014	-.046
120H	1½	1	.875	.924	.894	2.818	4.742	.848	2.772	4.696	6.620	8.544	10.468	14.316	1.924	-.016	-.057
140H	1¾	1	1.000	.924	.894	2.949	5.004	.848	2.903	4.958	7.013	9.068	11.123	15.233	2.055	-.016	-.057
160H	2	1¼	1.125	1.156	1.119	3.555	5.991	1.063	3.499	5.935	8.371	10.807	13.243	18.115	2.436	-.019	-.062
180H	2¼	1⅜ ₃₂	1.406	1.301	1.259	3.982	6.705	1.197	3.920	6.643	9.366	12.089	14.812	20.258	2.723	-.020	-.068
200H	2½	1½	1.562	1.389	1.344	4.427	7.510	1.278	4.361	7.444	10.527	13.610	16.693	22.859	3.083	-.021	-.072

Note: Chain size 41 is not available in multiple strands.

Sprocket Diameter Formulas

$$\text{Suggested Maximum Hub Diameter} = \text{Cosine } \frac{180^\circ}{N} \times \text{P.D.} - (H + .050)$$

P.D. = Pitch diameter

N = Number of teeth

H = Height of inside plate

Table 3 - Sprocket Hub Diameters

All dimensions are in inches unless otherwise specified.

Chain No.	35		41		40		50		60		80		100		120		140		160		200		Chain No.
Pitch	3/8"		1/2"		1/2"		5/8"		3/4"		1"		1 1/4"		1 1/2"		1 3/4"		2"		2 1/2"		Pitch
No. of Teeth	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	Hub Diam.	Max. Bore	No. of Teeth
6	1/4		27/64		23/64		7/16		9/16	3/8	49/64	17/32	63/64	5/8	13/16	27/32	121/64	7/8	1 1/2	1 1/16	2	1 3/8	6
7	3/8		19/32	13/32	17/32	5/16	41/64	7/16	53/64	9/16	17/64	25/32	113/32	31/32	145/64	13/16	115/16	1 1/4	213/64	1 1/2	255/64	1 15/16	7
8	1/2	5/16	49/64	17/32	45/64	15/32	55/64	9/16	15/64	3/4	129/64	1	153/64	1 1/4	213/64	1 1/2	233/64	1 3/4	27/8	2	345/64	29/16	8
9	5/8	7/16	15/16	19/32	55/64	9/16	1 1/16	23/32	121/64	7/8	125/32	1 1/4	2 1/4	19/16	245/64	1 13/16	37/64	23/16	317/32	27/16	417/32	33/16	9
10	3/4	17/32	13/32	3/4	1 1/64	1 1/16	1 17/64	7/8	137/64	1 1/8	2 1/8	17/16	221/32	1 3/4	313/64	2 1/4	311/16	29/16	413/64	27/8	523/64	33/4	10
11	7/8	9/16	117/64	7/8	13/16	27/32	131/64	1	113/16	1 1/4	27/16	1 3/4	35/64	23/16	345/64	29/16	4 1/4	215/16	455/64	35/16	63/16	47/16	11
12	1	1 1/16	127/64	31/32	123/64	7/8	1 11/16	1 3/16	2 1/16	1 3/8	249/64	1 7/8	331/64	23/8	43/16	27/8	453/64	35/16	5 1/2	33/4	7	57/16	12
13	1 1/8	25/32	119/32	1 1/8	133/64	1 1/16	157/64	1 1/4	25/16	1 5/8	33/32	23/16	357/64	23/4	443/64	31/4	525/64	33/4	69/32	43/8	713/16	61/16	13
14	1 15/64	7/8	13/4	1 1/4	111/16	13/16	23/32	17/16	235/64	1 3/4	327/64	25/16	419/64	215/16	53/32	33/8	531/32	43/16	613/16	51/4	85/8	6 1/2	14
15	123/64	7/8	129/32	1 1/4	127/32	1 1/4	29/32	15/8	251/64	1 7/8	33/4	25/8	445/64	31/4	541/64	37/8	617/32	5	729/64	511/16	97/16	7	15
16	131/64	1	25/64	13/8	2	13/8	231/64	1 3/4	31/32	2 1/8	41/16	23/4	53/32	31/2	61/8	49/16	73/32	51/2	83/32	65/16	1015/64	79/16	16
17	139/64	1 1/8	215/64	19/16	211/64	1 1/2	211/16	113/16	39/32	2 1/4	425/64	31/16	51/2	33/4	639/64	51/16	721/32	57/8	83/4	7	113/64	83/8	17
18	123/32	13/16	225/64	111/16	221/64	15/8	257/64	2	333/64	23/8	449/64	31/4	529/32	41/8	73/32	51/2	87/32	67/16	925/64	7	1127/32	815/16	18
19	127/32	1 1/4	29/16	13/4	231/64	1 3/4	33/32	23/16	349/64	25/8	51/32	31/2	65/16	43/4	737/64	513/16	825/32	7	101/32	71/2	1221/32	99/16	19
20	131/32	1 3/8	223/32	113/16	221/32	1 3/4	319/64	2 1/4	4	23/4	523/64	33/4	645/64	51/8	81/16	65/16	911/32	7	1043/64	8	1329/64	103/8	20
21	23/32	17/16	27/8	2	213/16	115/16	31/2	23/8	415/64	27/8	549/64	37/8	77/64	51/2	835/64	63/4	929/32	71/2	115/16	89/16	141/4	1015/16	21
22	213/64	1 1/2	31/32	2 1/8	231/32	21/16	345/64	29/16	431/64	31/8	6	41/4	733/64	53/4	91/64	7	1015/32	81/16	1161/64	9	151/16	119/16	22
23	221/64	1 5/8	313/64	2 1/4	31/8	2 1/4	357/64	23/4	423/32	31/4	65/16	43/4	729/32	61/8	91/2	71/16	111/32	85/8	1219/32	93/8	1555/64	125/16	23
24	229/64	1 3/4	323/64	2 1/4	319/64	2 1/4	43/32	23/4	461/64	37/16	641/64	51/16	85/16	61/2	963/64	79/16	1119/32	9	1315/64	101/8	1621/32	1215/16	24
25	29/16	1 3/4	333/64	23/8	329/64	25/16	419/64	215/16	513/64	35/8	661/64	53/8	845/64	61/2	1015/32	81/16	125/32	95/16	137/8	103/16	1729/64	131/16	25

The above maximum bores are not approved for severe conditions. For severe service conditions maximum bores should not be greater than 3/4 of the diameter of the hub.

Table 4 - Standard Keyways and Set Screws

Diameter of Shaft	Keyseat Width x Depth	* Diameter of Set Screw
5/16 - 7/16	3/32 X 3/64	8 - 32
1/2 - 9/16	1/8 X 1/16	10 - 24
5/8 - 7/8	3/16 X 3/32	1/4
15/16 - 1 1/4	1/4 X 1/8	5/16
1 5/16 - 1 3/8	5/16 X 5/32	5/16
1 7/16 - 1 3/4	3/8 X 3/16	3/8
1 13/16 - 2 1/4	1/2 X 1/4	1/2
2 5/16 - 2 3/4	5/8 X 5/16	5/8
2 13/16 - 3 1/4	3/4 X 3/8	3/4
3 5/16 - 3 3/4	7/8 X 7/16	3/4
3 13/16 - 4 1/2	1 X 1/2	3/4
4 9/16 - 5 1/2	1 1/4 X 5/8	3/4
5 5/16 - 6 1/2	1 1/2 X 3/4	1
6 9/16 - 7 1/2	1 3/4 X 7/8	1
7 9/16 - 8 15/16	2 X 1	1
9 - 10 15/16	2 1/2 X 1 1/4	1

NOTE: As a general rule, the hub wall over the keyway should be equal to or greater than the diameter of the set screw.

*Set screw size may vary depending on the hub wall thickness.

All dimensions are in inches unless otherwise specified.

To obtain the pitch diameter of a sprocket, multiply the constant for the number of teeth (as shown below) by the chain pitch.

Example: To determine the pitch diameter of a 28 tooth sprocket for 140 chain - use a constant of 8.9315 and multiply by chain pitch (1¾") to obtain a pitch diameter of 15.63".

Table 5 - Sprocket Pitch Diameter Constants

All dimensions are in inches unless otherwise specified.

Number of Teeth	Constant	Number of Teeth	Constant	Number of Teeth	Constant
4	1.4142	53	16.8803	102	32.473
5	1.7013	54	17.1984	103	32.791
6	2.0000	55	17.5166	104	33.109
7	2.3048	56	17.8347	105	33.427
8	2.6131	57	18.1529	106	33.746
9	2.9238	58	18.4710	107	34.064
10	3.2361	59	18.7892	108	34.382
11	3.5495	60	19.1073	109	34.701
12	3.8637	61	19.4255	110	35.019
13	4.1785	62	19.7437	111	35.337
14	4.4940	63	20.0618	112	35.655
15	4.8097	64	20.3800	113	35.974
16	5.1259	65	20.6982	114	36.292
17	5.4423	66	21.0164	115	36.610
18	5.7588	67	21.3346	116	36.929
19	6.0756	68	21.6528	117	37.247
20	6.3925	69	21.9710	118	37.565
21	6.7095	70	22.2892	119	37.883
22	7.0266	71	22.6074	120	38.201
23	7.3439	72	22.9256	121	38.519
24	7.6613	73	23.2438	122	38.837
25	7.9787	74	23.5620	123	39.156
26	8.2962	75	23.8802	124	39.475
27	8.6138	76	24.1984	125	39.794
28	8.9315	77	24.5166	126	40.112
29	9.2491	78	24.8349	127	40.430
30	9.5668	79	25.1531	128	40.748
31	9.8845	80	24.4713	129	41.066
32	10.2023	81	25.7896	130	41.384
33	10.5201	82	26.1079	131	41.702
34	10.8380	83	26.4261	132	42.020
35	11.1558	84	26.7442	133	42.338
36	11.4737	85	27.0626	134	42.656
37	11.7917	86	27.3807	135	42.975
38	12.1096	87	27.6989	136	43.293
39	12.4275	88	28.0170	137	43.611
40	12.7455	89	28.3355	138	43.930
41	13.0635	90	28.6537	139	44.249
42	13.3815	91	28.9723	140	44.567
43	13.6995	92	29.2901	141	44.885
44	14.0175	93	29.6082	142	45.203
45	14.3356	94	29.9268	143	45.521
46	14.6536	95	30.2447	144	45.840
47	14.9717	96	30.5632	145	46.158
48	15.2898	97	30.8815	146	46.477
49	15.6079	98	31.1999	147	46.796
50	15.9260	99	31.5177	148	47.114
51	16.2441	100	31.8362	149	47.432
52	16.5619	101	32.1540	150	47.750

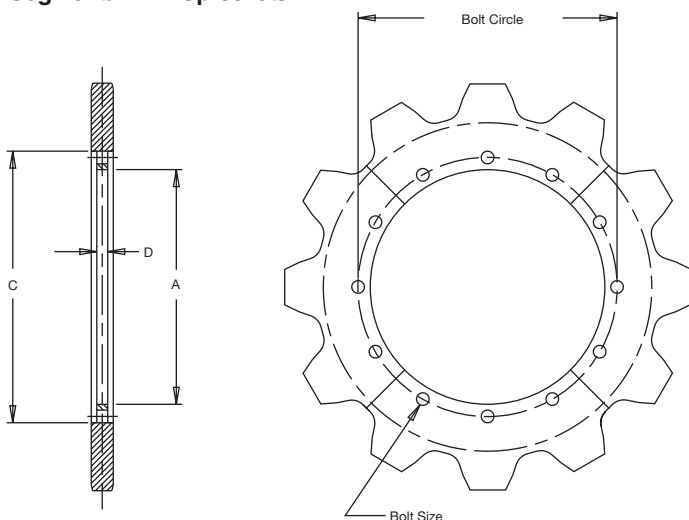
Sprocket Specifications

Tsubaki Sprockets are carefully designed and manufactured to provide exceptional service in all applications. Each sprocket has certain variable construction characteristics that can be tailored to your specific application. Tsubaki Sprockets can be furnished with a variety of special features. Special requirements or features should be specified at the time of order.

Special Types of Sprockets Available

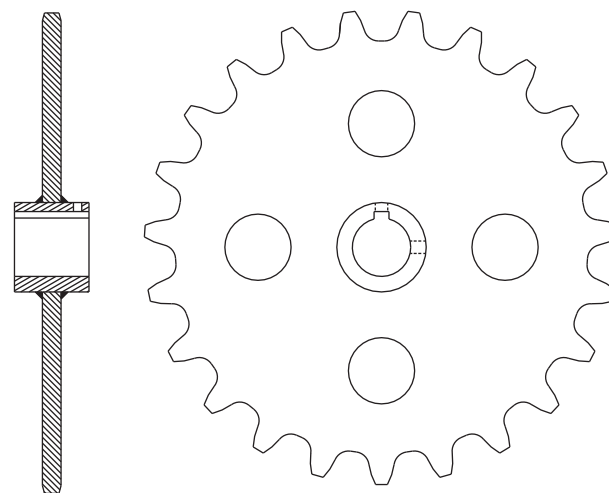
Tsubaki offers a wide variety of styles to meet your operational needs.

Segmental Rim Sprockets



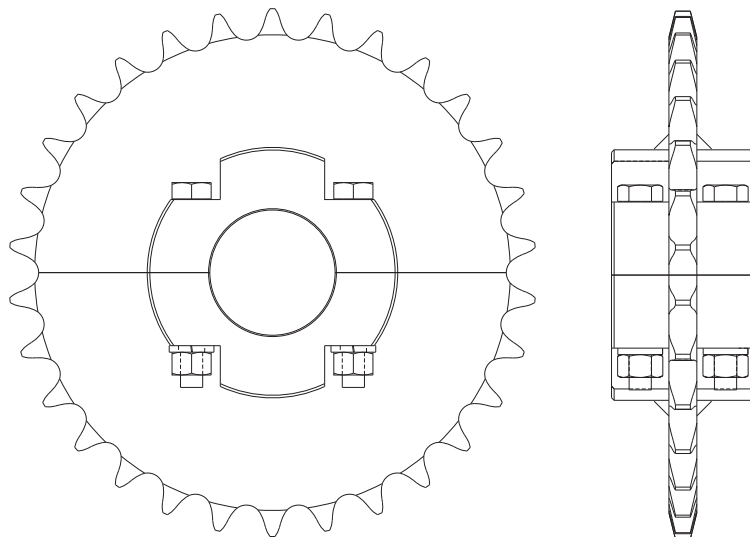
Segmental Rim Sprockets are designed to save time and money. They eliminate costly downtime during installation and adjustment. The segmental rim is bolted to a solid or split body. That means bodies or entire sprockets may be replaced without removing shaft or bearings, saving maintenance time and money.

Lightening Hole Sprockets



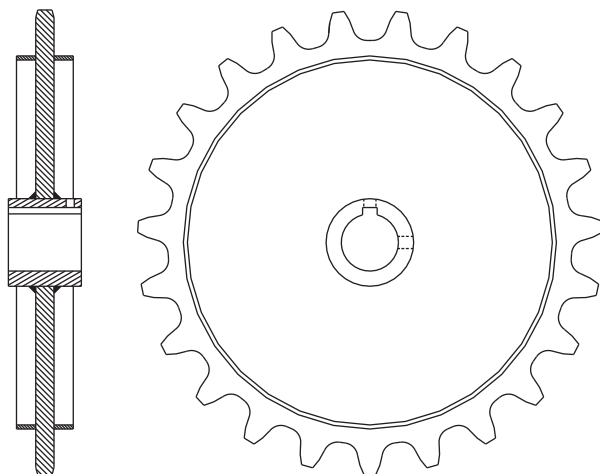
Reduce the weight of a large sprocket and facilitate handling with lightening holes. Standard best fit patterns are used unless hole size, quantity, and bolt circle are specified. Burned or LASER cut profiles can also be furnished in standard sprockets.

Split Construction



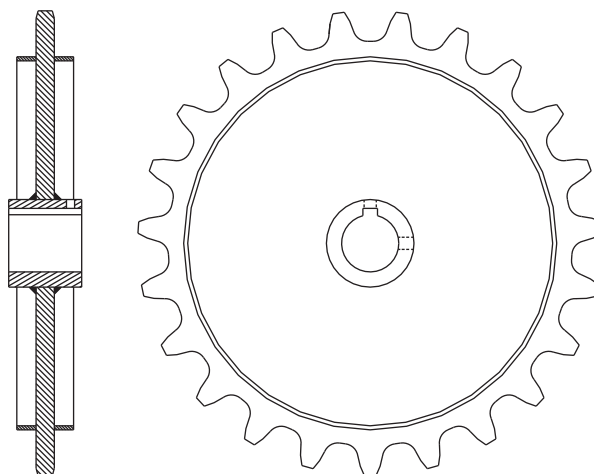
Sprockets with split construction make it easier to mount or remove a sprocket from the shaft without disturbing either the shaft or the bearings. Split construction may provide extra holding power, depending on your application. Rim lugs are used when the diameter of the wheel makes them necessary.

Chain Saver Sprockets



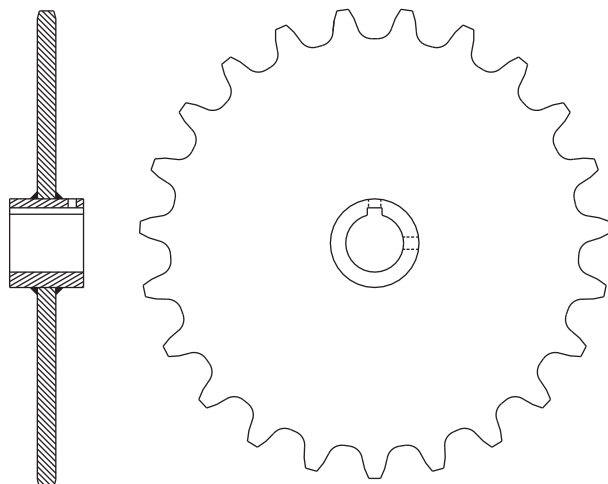
The special flange construction on the rim of Chain Saver Sprockets extends the life of the chain. Chain sidebars rest on the flange as the chain wraps around the sprocket. This keeps the chain on the true pitch line and distributes wear over a greater contact area.

Hunting Tooth (Double-Duty) Chain Saver Sprockets



Hunting Tooth Chain Saver Sprockets combine the special construction of Hunting Tooth Sprockets with Chain Saver Sprockets for super long wear. The chain engages one set of teeth with each rotation, and the special flange construction adds extra support, keeping the chain on true pitch and distributing wear over a greater contact area.

Hunting Tooth (Double-Duty) Sprockets



The special construction of Hunting Tooth Sprockets makes them last twice as long as regular sprockets. Hunting Tooth Sprockets have an odd number of teeth and are half the pitch of the chain. Every time the sprocket makes a revolution, the chain engages with one set of teeth, ahead of the previously engaged set. Each tooth makes contact with the chain only half as many times as it would on a regular sprocket, extending the useful life of the sprocket two times that of regular sprockets.

Other Factors

When ordering sprockets, there are some additional factors to consider.

Hub Length

Standard hub lengths are shown in the Sprocket Tables in this catalogue. Longer or shorter hubs are available on a made-to-order basis.

Overload Protection - Shock Relay

The Shock Relay is an "Electronic Shear Pin Hub." Set the overload protection you want for your operation, and this sensitive electronic monitor stops the line before damage can occur. After the problem is corrected, the Shock Relay can be reset at the touch of a button, increasing efficiency and reducing downtime. Refer to section F of the catalogue for more information.

Traction Wheels

Traction Wheels are available in a wide range of sizes and types to fit most chains. They are usually used as drivers only. They are not generally used at the tail shaft or boot.

Selection of Chain and Sprockets

For full drive-train selection guidelines, refer to the separate section on Roller Chain Selection.

The smallest applicable pitch of roller chain is desirable for quiet operation and high speed. The horsepower capacity varies with the chain pitch. A short pitch with a high working load can often be obtained through the use of multi-strand chains. The use of multi-strand Engineering Class chain is extremely rare.

Select the small sprocket in the drive system first. This sprocket must be large enough to accommodate the shaft. After selecting the small sprocket, the number of teeth on the large sprocket is determined by the desired ratio of the shaft speeds. See the Speed Ratio Chart – Table 6. Over-emphasis on the exactness in the speed ratio can result in a cumbersome, impractical, and expensive installation. In most cases, satisfactory operation can be obtained with a minor change in speed of one or both shafts. The recommended maximum speed ratio is 7:1, although higher ratios can be used.

As a general rule, the driving sprocket should be a minimum of 17 teeth, although small sprockets may be used. When the maximum bore of the 17 tooth sprocket (ie. the minimum recommended size) will not accommodate the shaft, it is necessary to select a larger sprocket.

Step 1: Calculate Pitch Diameter

To obtain the pitch diameter of a sprocket, multiply the constant (Table 5) by the chain pitch.

Step 2: Select Hub Class

Using the quick selector chart (Table 7), plot the pitch diameter of the sprocket obtained in Step 1. Then plot the working load of the chain, suggested hub selection is found at the point of intersection.

Step 3: Determine Length & Diameter of Hub

Using the information obtained in Step 2, plot the hub class on Table 8. Then plot the bore of the wheel. The point of intersection indicates the diameter of the hub. Length Thru-Bore (LTB) is found at the bottom of the appropriate hub diameter column. Where the bore size is not known, refer to the shaft selection procedure in the Roller Chain Section of this catalogue.

Table 6 - Speed Ratios for Sprocket Combinations

All dimensions are in inches unless otherwise specified.

	Driver Sprocket Teeth																	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
9	1.00																	
10	1.11	1.00																
11	1.22	1.10	1.00															
12	1.33	1.20	1.09	1.00														
13	1.44	1.30	1.18	1.08	1.00													
14	1.56	1.40	1.27	1.17	1.08	1.00												
15	1.67	1.50	1.36	1.25	1.15	1.07	1.00											
16	1.78	1.60	1.45	1.33	1.23	1.14	1.07	1.00										
17	1.89	1.70	1.55	1.42	1.31	1.21	1.13	1.06	1.00									
18	2.00	1.80	1.64	1.50	1.38	1.29	1.20	1.13	1.06	1.00								
19	2.11	1.90	1.73	1.58	1.46	1.36	1.27	1.19	1.12	1.06	1.00							
20	2.22	2.00	1.82	1.67	1.54	1.43	1.33	1.25	1.18	1.11	1.05	1.00						
21	2.33	2.10	1.91	1.75	1.61	1.50	1.40	1.31	1.23	1.17	1.10	1.05	1.00					
22	2.44	2.20	2.00	1.83	1.69	1.57	1.47	1.38	1.29	1.22	1.16	1.10	1.05	1.00				
23	2.56	2.30	2.09	1.92	1.77	1.64	1.53	1.44	1.35	1.28	1.21	1.15	1.09	1.04	1.00			
24	2.67	2.40	2.18	2.00	1.85	1.71	1.60	1.50	1.41	1.33	1.26	1.20	1.14	1.09	1.04	1.00		
25	2.78	2.50	2.27	2.08	1.92	1.79	1.67	1.56	1.47	1.39	1.32	1.25	1.19	1.14	1.09	1.04	1.00	
26	2.89	2.60	2.36	2.17	2.00	1.86	1.73	1.63	1.53	1.45	1.37	1.30	1.24	1.18	1.13	1.08	1.04	
27	3.00	2.70	2.45	2.25	2.08	1.93	1.80	1.69	1.59	1.50	1.42	1.35	1.29	1.23	1.17	1.12	1.08	1.04
28	3.11	2.80	2.54	2.33	2.15	2.00	1.87	1.75	1.65	1.56	1.47	1.40	1.33	1.27	1.22	1.17	1.12	1.08
29	3.22	2.90	2.64	2.42	2.23	2.07	1.93	1.81	1.71	1.61	1.53	1.45	1.38	1.32	1.26	1.21	1.16	1.12
30	3.33	3.00	2.73	2.50	2.31	2.14	2.00	1.88	1.76	1.67	1.58	1.50	1.43	1.36	1.31	1.25	1.20	1.15
31	3.44	3.10	2.82	2.58	2.38	2.21	2.07	1.94	1.82	1.72	1.63	1.55	1.48	1.41	1.35	1.29	1.24	1.19
32	3.56	3.20	2.91	2.67	2.46	2.28	2.13	2.00	1.88	1.78	1.68	1.60	1.52	1.45	1.39	1.33	1.28	1.23
33	3.67	3.30	3.00	2.75	2.54	2.36	2.20	2.06	1.94	1.83	1.74	1.65	1.57	1.50	1.43	1.38	1.32	1.27
34	3.78	3.40	3.09	2.83	2.62	2.43	2.27	2.13	2.00	1.89	1.79	1.70	1.62	1.55	1.48	1.42	1.36	1.31
35	3.89	3.50	3.18	2.92	2.69	2.50	2.33	2.19	2.06	1.95	1.84	1.75	1.67	1.59	1.52	1.46	1.40	1.34
36	4.00	3.60	3.27	3.00	2.77	2.57	2.40	2.25	2.12	2.00	1.89	1.80	1.71	1.63	1.57	1.50	1.44	1.38
37	4.11	3.70	3.36	3.08	2.85	2.64	2.47	2.31	2.18	2.06	1.95	1.85	1.76	1.68	1.61	1.54	1.48	1.42
38	4.22	3.80	3.45	3.17	2.92	2.71	2.53	2.38	2.24	2.11	2.00	1.90	1.81	1.73	1.65	1.58	1.52	1.46
39	4.33	3.90	3.55	3.25	3.00	2.79	2.60	2.44	2.29	2.17	2.05	1.95	1.86	1.77	1.70	1.63	1.56	1.50
40	4.44	4.00	3.64	3.33	3.08	2.86	2.67	2.50	2.35	2.22	2.10	2.00	1.90	1.82	1.74	1.67	1.60	1.54
41	4.56	4.10	3.73	3.42	3.15	2.93	2.73	2.56	2.41	2.28	2.16	2.05	1.95	1.86	1.78	1.71	1.64	1.58
42	4.67	4.20	3.82	3.50	3.23	3.00	2.80	2.63	2.47	2.34	2.21	2.10	2.00	1.91	1.83	1.75	1.68	1.61
43	4.78	4.30	3.91	3.58	3.31	3.07	2.87	2.69	2.53	2.39	2.26	2.15	2.05	1.95	1.87	1.79	1.72	1.65
44	4.89	4.40	4.00	3.67	3.38	3.14	2.93	2.75	2.59	2.44	2.32	2.20	2.10	2.00	1.91	1.83	1.76	1.69
45	5.00	4.50	4.09	3.75	3.46	3.21	3.00	2.81	2.65	2.50	2.37	2.25	2.14	2.04	1.96	1.88	1.80	1.73
46	5.11	4.60	4.18	3.83	3.54	3.29	3.07	2.88	2.71	2.56	2.42	2.30	2.19	2.09	2.00	1.92	1.84	1.77
47	5.22	4.70	4.27	3.92	3.62	3.36	3.13	2.94	2.76	2.61	2.47	2.35	2.24	2.14	2.04	1.96	1.88	1.81
48	5.33	4.80	4.36	4.00	3.69	3.43	3.20	3.00	2.82	2.67	2.52	2.40	2.28	2.19	2.09	2.00	1.92	1.84
49	5.44	4.90	4.45	4.08	3.77	3.50	3.27	3.06	2.88	2.72	2.58	2.45	2.33	2.23	2.13	2.04	1.96	1.88
50	5.56	5.00	4.55	4.17	3.85	3.57	3.33	3.13	2.94	2.78	2.63	2.50	2.38	2.27	2.17	2.08	2.00	1.92
51	5.67	5.10	4.64	4.25	3.92	3.64	3.40	3.19	3.00	2.83	2.68	2.55	2.43	2.32	2.22	2.13	2.04	1.96
52	5.78	5.20	4.73	4.33	4.00	3.71	3.47	3.25	3.06	2.89	2.74	2.60	2.48	2.36	2.26	2.17	2.08	2.00
53	5.89	5.30	4.82	4.42	4.08	3.79	3.53	3.31	3.12	2.94	2.79	2.65	2.52	2.41	2.30	2.21	2.12	2.04
54	6.00	5.40	4.91	4.50	4.15	3.86	3.60	3.38	3.18	3.00	2.84	2.70	2.57	2.45	2.35	2.25	2.16	2.07
55	6.11	5.50	5.00	4.58	4.23	3.93	3.67	3.44	3.24	3.06	2.90	2.75	2.62	2.50	2.39	2.29	2.20	2.12
56	6.22	5.60	5.09	4.67	4.31	4.00	3.73	3.50	3.29	3.11	2.95	2.80	2.67	2.55	2.43	2.33	2.24	2.15
57	6.33	5.70	5.18	4.75	4.38	4.07	3.80	3.56	3.35	3.17	3.00	2.85	2.71	2.59	2.49	2.38	2.28	2.19
58	6.44	5.80	5.27	4.83	4.46	4.14	3.87	3.63	3.41	3.22	3.05	2.90	2.76	2.64	2.52	2.42	2.32	2.23
59	6.56	5.90	5.36	4.92	4.54	4.21	3.93	3.69	3.47	3.28	3.11	2.95	2.81	2.68	2.57	2.46	2.36	2.27
60	6.67	6.00	5.45	5.00	4.61	4.28	4.00	3.75	3.53	3.34	3.16	3.00	2.86	2.72	2.61	2.50	2.40	2.30
68	7.55	6.80	6.18	5.66	5.23	4.86	4.54	4.25	4.00	3.78	3.58	3.40	3.24	3.09	2.96	2.84	2.72	2.61
70	7.78	7.00	6.36	5.83	5.38	5.00	4.67	4.38	4.12	3.89	3.68	3.50	3.33	3.18	3.05	2.92	2.80	2.69
72	8.00	7.20	6.54	6.00	5.54	5.14	4.80	4.50	4.24	4.00	3.79	3.60	3.43	3.27	3.13	3.00	2.88	2.77
76			6.91	6.33	5.84	5.43	5.07	4.75	4.47	4.23	4.00	3.80	3.62	3.45	3.31	3.17	3.04	2.92
80			7.27	6.66	6.15	5.71	5.34	5.00	4.70	4.45	4.21	4.00	3.81	3.63	3.48	3.34	3.20	3.07
84				7.00	6.46	6.00	5.60	5.25	4.94	4.67	4.42	4.20	4.00	3.81	3.65	3.50	3.36	3.23
95					7.31	6.78	6.33	5.94	5.59	5.28	5.00	4.75	4.52	4.32	4.13	3.96	3.80	3.65
96					7.38	6.85	6.40	6.00	5.64	5.34	5.05	4.80	4.57	4.36	4.18	4.00	3.84	3.69
102						7.28	6.80	6.38	6.00	5.67	5.37	5.10	4.86	4.63	4.44	4.25	4.08	3.92
112							7.00	6.59	6.23	5.89	5.60	5.33	5.08	4.87	4.67	4.48	4.30	4.12

Table 7 - Quick Selection Chart

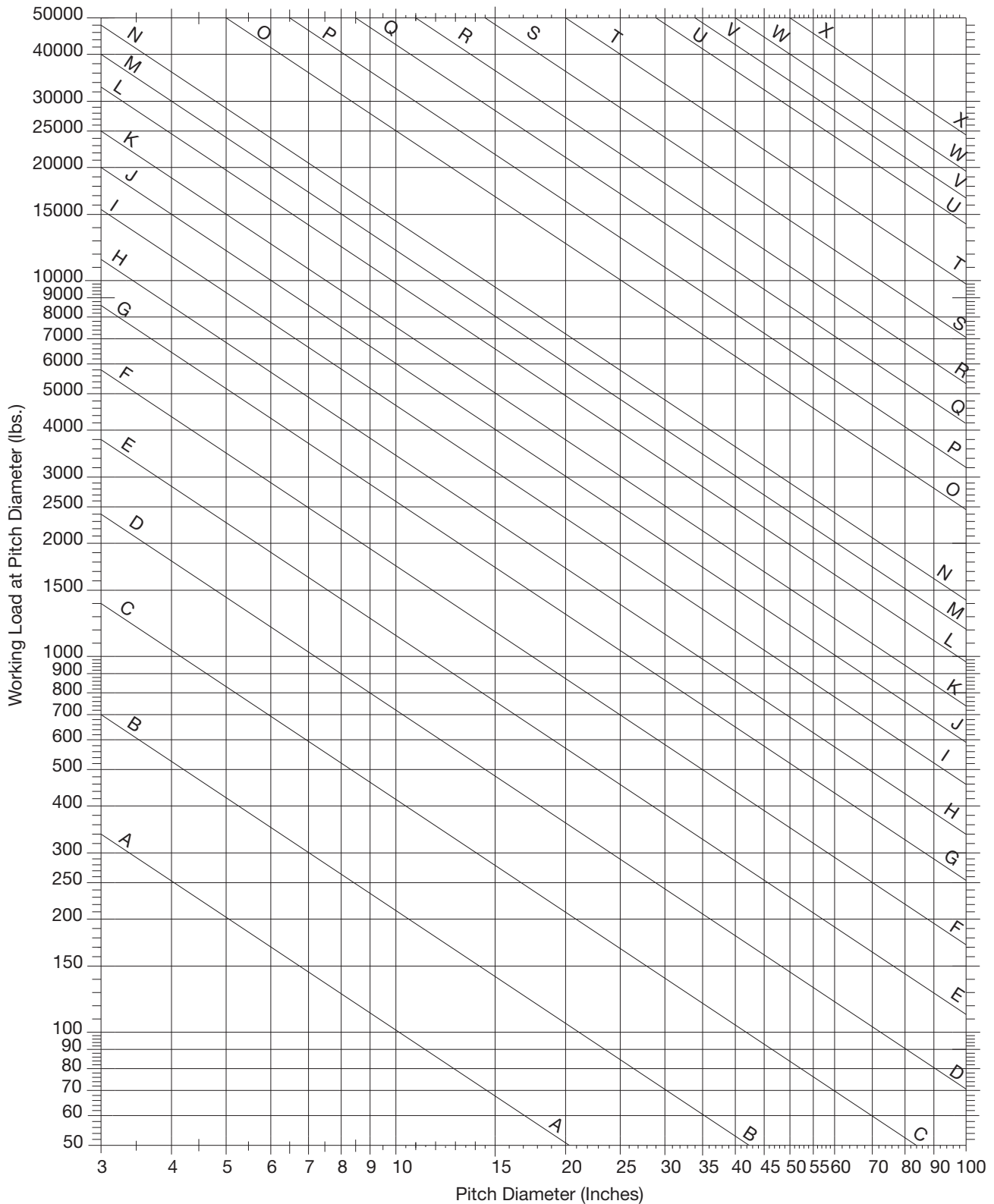


Table 8 - Hub Diameter Selection Table

All dimensions are in inches unless otherwise specified.

Standard Hub Diameters for Steel Sprockets																																
Bore of Wheel	Sq. Key Size	Set Screw Size	Allowable Torque in Inch Pounds and Hub Class																												Minimum Hubs for Loose or Set-Screwed Sprockets	
			500	1,000	2,000	3,500	5,600	8,500	12,500	17,000	23,000	30,000	38,000	47,000	60,000	70,000	100,000	140,000	190,000	245,000	325,000	400,000	500,000	600,000	720,000	850,000	1,000,000	1,250,000				
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z				
			Diameter of Keyseated Hubs																													
1 ⁵ / ₁₆	¼	⅜	1¾	1¾																										1¾	Length is determined same as for Key-seated Sprockets	
1 ¹ / ₁₆	¼	⅜	2	2	2																									2		
1 ⁷ / ₁₆	⅜	⅜	2¼	2¼	2½	2¾																										2¼
1 ¹¹ / ₁₆	⅜	⅜	2¾	2¾	2¾	3	3																									2¾
1 ¹⁵ / ₁₆	½	½	3	3	3	3¼	3¼	3¼																								3
2 ³ / ₁₆	½	½	3¼	3¼	3¼	3½	3½	3½	3¾																							3¼
2 ⁷ / ₁₆	⅝	⅝	3¾	3¾	3¾	3¾	4	4	4¼	4¼																						3¾
2 ¹¹ / ₁₆	⅝	⅝	4¼	4¼	4¼	4¼	4¼	4¼	4½	4½	4½																					4¼
2 ¹⁵ / ₁₆	¾	⅝	4½	4½	4½	4½	4½	4½	4¾	4¾	5	5																				4½
3 ¹ / ₁₆	¾	⅝	4¾	4¾	4¾	4¾	4¾	5	5	5	5¼	5¼	5¼																			4¾
3 ⁷ / ₁₆	7⁄8	¾	5¼	5¼	5¼	5¼	5¼	5¼	5¼	5½	5½	5¾	5¾	5¾																		5¼
3 ¹¹ / ₁₆	7⁄8	¾			5½	5½	5½	5½	5½	5½	5¾	5¾	6	6	6																	5½
3 ¹⁵ / ₁₆	1	¾			6	6	6	6	6	6	6¼	6¼	6½	6½	6½	6½																6
4 ⁷ / ₁₆	1	¾				6½	6½	6½	6½	6½	6¾	6¾	7	7	7	7	7															6½
4 ¹⁵ / ₁₆	1¼	7⁄8				7¼	7¼	7¼	7¼	7¼	7¼	7½	7½	7½	8	8	8	8	8													7¼
5 ⁷ / ₁₆	1¼	7⁄8					8	8	8	8	8	8	8	8	8	8	8½	8½	8½	8½												8
5 ¹⁵ / ₁₆	1½	1						9	9	9	9	9	9	9	9	9	9½	9½	9½	9½	9½											9
6½	1½	1							9½	9½	9½	9½	9½	9½	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		9½
7	1½	1									10	10	10	10	10	10	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½	10½		10
7½	1¾	1¼										11	11	11	11	11	11½	11½	11½	11½	11½	11½	11½	11½	11½	11½	11½	11½	11½	11½		11
8	1¾	1¼											11½	11½	11½	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11½		
8½	1¾	1¼												12	12	12	12½	12½	12½	12½	12½	12½	12½	12½	12½	12½	12½	12½	12½	12		
9	1¾	1¼														13	13	13	13	13	13	13	13	13	13	13	13	13	13	12		
9½	1¾	1¼															13½	13½	13½	13½	13½	13½	13½	13½	13½	13½	13½	13½	13½	13		
10	2	1¼																14½	14½	14½	14½	14½	14½	14½	14½	14½	14½	14½	14½	13½		
Length Through Bore			1¼	*1½	*1¾	2	2½	2¾	3¼	3½	4	4¼	4½	5	5¼	5½	6	6½	7	7¾	8½	9½	10	10½	11	11½	12	12½				

*Hubs on one side only.

Notes

- The diagonal solid block of figures on the Hub Diameter Selection Table (Table 8) represent a condition of balance between torque and keyway with bore sizes. When the hub class requirements and the bore size intersect in the blank space below and to the left of the solid block, it indicates that chain and sprocket will not transmit the full torque value of the keyed shaft. When the hub class and the bore size intersect above and to the right of the solid block, it indicates

that chain and sprocket are stronger than the keyed shaft. The Hub Diameter Selection Table also serves as a design check on the shaft sizes as well.

- For loose-fitting sprockets only (no keyway or set screw), the minimum hub diameter and length are shown at the right end of the shaft size row and at the bottom of the hub class columns.

Sprocket Hardening and Materials

Tsubaki can manufacture sprockets to meet your specific needs. The results are sprockets designed to maximize the life of your chain. Chains and sprockets must work together, so buying them from the same source makes sense. When chains and sprockets articulate correctly, the life of the chain is extended. That means long term savings and real value for your application.

Tsubaki sprockets can be made in a variety of grades of carbon, stainless, and alloy steels, as well as other metals. Since chain loadings are distributed over all engaged sprocket teeth, tooth breakage or distortion is not normally a problem. It is seldom necessary to use special high strength material. Diameter, pitch and strands of the sprocket determine the specific grade of carbon steel used. Many of our wide range of carbon steel sprockets are heat treated as a standard. For other sprockets, heat-treating can be specified as an option. Heat-treated carbon steel provides long wear life and resists abrasion.



Bronze Idler Sprocket

The hardening process of small diameter, small pitch sprockets is usually a one step procedure using electrical induction heat-treating. Large diameter, large pitch sprockets are usually heat-treated using direct flame hardening. These methods are used to provide high hardness at the wear areas of each tooth maintaining a ductile tooth core that is tough and resilient. The hubs and bore remain soft to permit reworking.



Direct Flame Hardening Process



Electrical Induction Hardening Process

Tsubaki stock sprocket hardness is:
Rockwell A Scale: 68-76
Rockwell C Scale: 35-50
Tighter ranges, or higher minimum hardness can be supplied at your request.

Hardness Conversion Table

Rockwell Hardness Number		Scleroscope	Brinell 10mm ball	Approx. Tensile Strength (psi)
C Scale	A Scale			
330 lbs. Load	130 lbs. Load	Shore Model C	6600 lbs. Load	
10	56	28	190	93,000
12	56	29	195	96,000
13	57	30	200	98,000
15	57	31	205	100,000
16	58	32	210	103,000
18	59	33	216	106,000
20	60	34	222	109,000
21	61	35	228	112,000
22	61	35	234	115,000
23	62	36	240	118,000
24	62	37	247	121,000
25	62	38	253	124,000
26	63	39	258	126,000
27	63	40	264	129,000
28	64	41	271	133,000
29	64	41	279	137,000
30	65	42	286	140,000
31	65	43	294	144,000
32	66	44	301	147,000
33	66	46	311	152,000
34	67	47	319	156,000
35	67	48	327	160,000
36	68	49	336	165,000
37	68	50	344	169,000
38	69	51	353	173,000
39	69	52	362	177,000
40	70	54	371	182,000
41	70	55	381	187,000
42	71	56	390	191,000
43	72	57	400	196,000
44	72	58	409	200,000
45	73	60	421	206,000
46	73	62	432	212,000
47	74	63	442	217,000
48	74	64	451	221,000
49	75	66	464	227,000
50	75	67	475	233,000
51	76	68	487	239,000
52	76	69	500	245,000
53	77	71	525	257,000
54	78	72	543	266,000
55	78	74	560	274,000
56	79	75	577	282,000
57	79	76	595	290,000
58	80	78	615	300,000
59	80	80	634	310,000
60	81	81	654	320,000
61	81	83	670	---
62	82	85	688	---
63	82	87	705	---
64	83	88	722	---
65	83	91	739	---
66	84	92	---	---
67	85	95	---	---
68	85	97	---	---
69	86	99	---	---
70	86	101	---	---

Other Considerations

When determining whether you need replacement sprockets, consider the following important points:

Chain Interaction

The chain-sprocket interaction is the criterion upon which most users make their judgments about replacing sprockets. If the chain engages and disengages the sprocket smoothly without hanging up or snapping into place, most people will not replace it. If a chain does start to hang up on the sprocket, damaging chain overload conditions can develop rapidly. We suggest replacing sprockets before hang up develops.

Reversible

Almost all sprockets are reversible. The key to being able to reverse sprockets is symmetry. If the sprockets are symmetrical from side to side, then they can be reversed. Reversing is not suggested in most circumstances, especially with those applications that wear the sprocket bottom diameter.

New Chain

We suggest you order new sprockets when chain is replaced. New sprockets ensure proper chain interaction and also provide maximum wear performance.

Attachment Clearance

Any time an attachment is in the area between, above, or below the sidebars, make sure the attachment does not interfere with sprocket action.

Relief Pocket (Mud Relief)

In applications where material build up may be a problem, the bottom of the tooth pocket can be beveled on the side to allow the material to "squeeze" out. This reduction of contact area is not critical because the pressure on the bottom of the pocket is very light in horizontal conveyors. Other relief styles may be necessary for vertical conveyors.

Advantages of Using Larger Sprockets

Choose the largest sprocket that will fit your application. Small sprockets cause greater shock and consequently more wear on both chain and sprockets. There are several reasons for this.

1. To engage small sprockets, chain must flex more which causes increased rotation of the pin in the bushing. Since this is one of the major causes of chain wear, this flexing action should be minimized.
2. Small sprockets with fewer teeth wear out much faster than sprockets with more teeth. More teeth provide an opportunity to distribute the wearing action.
3. Larger sprockets cause smoother operation because the greater number of teeth will pick up the load more frequently.

Chordal Action

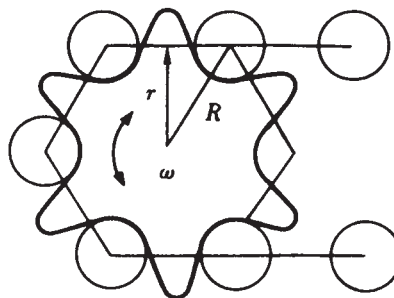
Chordal action is a very important concept in sprocket function. A sprocket is a collection of chords, or straight segments, that approximate a circle. The more teeth a sprocket has, the closer the chords are to a circle.

The problem with a chordal form is that the lineal output is not consistent. Since the sprocket is not a perfect circle, the distance from the shaft center to the chain center-line varies. As this distance varies, so does the lineal output (assuming a constant shaft rotational speed).

A hexagon inscribed by a circle represents the 6-tooth sprocket shown below. You can see that the distance from the center to the corner is different than from the center to the middle of the side. The corner would be the equivalent to the chain joint center, and the side is equivalent to the chain centerline at mid-pitch.

Minimum Chain Speed

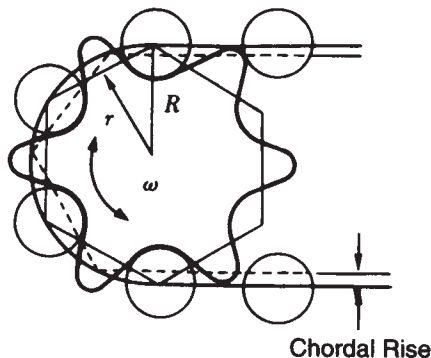
$$V_{\min} = r\omega$$



$$V_1 = .2618 (PD) \cos (180/T) N$$

Maximum Chain Speed

$$V_{\max} = R\omega$$



$$V_2 = .2618 (PD) N$$

Where

V_1 and V_2 in fpm,

N in r.p.m.,

PD in pitch diameter, in inches.

Sprockets Keyed In Line

Key driving sprockets on a double-strand chain conveyor or elevator on the head shaft and with the teeth of one sprocket directly in line with teeth of the other. Order “keyed-in-line” and “matched in pairs” to obtain this feature. Key one foot shaft sprocket on its shaft so that the shaft will turn in its bearings. Allow the other sprocket to turn freely, holding it in position by means of set collars. The sprocket can then position itself automatically if uneven wear takes place in the chain strands (Figure 1).

Sprocket Size

Use the largest diameter conveyor sprocket that space and economics permit. This minimizes chain speed variations and pulsations and reduces wear to the chain and sprocket.

Sprocket Life

When sprockets are worn, the chain tends to cling to the sprockets or vibrate. The amount of allowable wear depends on the application type and chain size. Wear to a depth of 0.12” (3 mm) to 0.24” (6 mm) is usually a sign that the existing sprocket should be replaced, illustrated in Figure 2.

If the sprocket teeth are worn, the alignment may be incorrect. Proper axial alignment of the sprockets will help reduce or even eliminate wear of sprocket teeth, illustrated in Figure 3.

Figure 1

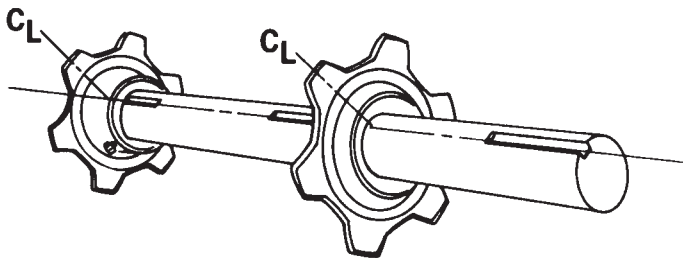


Figure 2 - Sprocket Wear

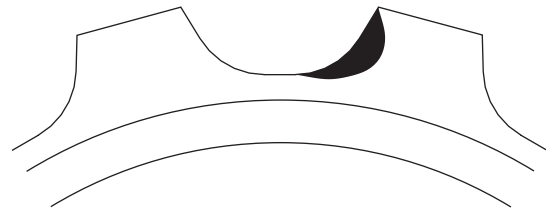
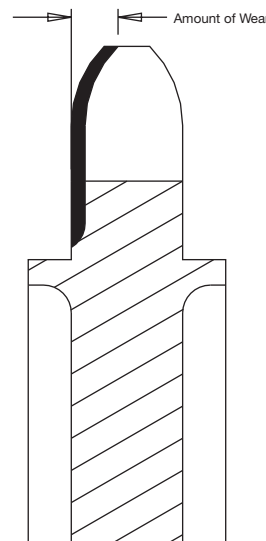


Figure 3 - Sprocket Tooth Wear



Regardless of application, all chain systems should be inspected on a regularly scheduled basis for worn, damaged or broken parts, possible interference by other system components, and proper lubrication. Normal maintenance procedures can prevent most of the conditions described below. Carefully inspect roller chain drives on the same schedule as associated equipment.

• Sprocket Misalignment

Wear on the sides of sprocket teeth generally indicates improper installation of sprockets and/or shafts. If shafts are out of parallel or not in the same plane, non-symmetrical wear will appear on sprockets or chain rollers.

After proper alignment is made, retighten set screws in sprocket hubs.

• Chain Wear and Elongation

Normal wear will cause some increase in chain length. However, if a sudden increase in elongation occurs, look for severe wear on the tips of sprocket teeth. This may be caused by any of the following: excessive loading or shock loading, displacement and/or wear in bearings, displacement of take-ups, or under-designed drive. Elongation of 3% or more may be an indication that chain and/or sprockets should be replaced.

Before replacing chain or sprockets, recalculate initial drive design. Check chain for broken parts. Check chain tension if there is too much accumulated slack in the drive.

• Broken Chain Parts

Generally caused by an overload drive; extreme misalignment; excessive elongation causing chain to jump sprocket teeth; heavy shock; improper drive design geometry; foreign objects.

Recalculate initial drive design and make necessary corrections. Inspect sprockets and shafts for proper alignment or looseness.

• Link Plate Wear

Wear on edges of outer sides of link plate may be caused by chain contacting case or fixed object.

Remove or relocate fixed object. Readjust chain properly.

• Excessive Noise

Can be caused by broken links and chain rollers, extreme misalignment, elongation, chain jumping sprocket teeth, loose sprockets, broken teeth, accumulation of dirt packed into the chain or sprocket teeth, interference by foreign objects, contacting a fixed object.

Check for worn, broken or missing parts. Check alignment of shafts and/or sprockets.

• Excessive Vibration

Unbalanced rotating parts, broken or missing rollers, too much chain slack, loose or misaligned sprockets or shafts.

Inspect chain and drive equipment. Replace or readjust as needed.

• Improper Lubrication

Light or dark brown discolouration of pin-bushing joints and connecting link pins, or brown-red oxide colour in oil may indicate chain is not dipping into the oil reservoir, or drip lubricator or spray is plugged.

Carefully clean and dry chain, immerse in oil, and re-install. Change oil in chain case and flush case. Determine that oil supply is adequate or unimpeded.

Suggested Replacement Procedures

Chain parts should never be altered or tampered with by makeshift repairs and/or with parts or components which have not been authorized by the com

• Removing Chain

Turn the drive until a connecting link is fully engaged with one of the sprockets so as to relieve the tension on the connecting link pin. The connecting link may then be removed.

• Cutting Riveted Chain

The two pins of a pin link must be driven out of the link plate. Strike the pins alternately to avoid distortion of the roller link plates as well as the plates of the adjacent links.

• Periodic Cleaning

Remove chain from sprockets and wash in kerosene. If chain is badly gummed, soak in kerosene and re-wash in fresh liquid. Drain off kerosene and soak in oil to restore lubrication. Drain off excessive lubrication by hanging chain. Carefully inspect entire chain before reinstalling. Sprockets should be washed in kerosene.

• Storing Chain

When roller chain is taken out of operation for a prolonged period, remove the chain and cover with heavy grease. Wrap in heavy grease-resistant paper and store where the chain will not be exposed to abnormal moisture, temperature, abrasive or corrosive conditions. Sprockets remaining on shafts should be covered with heavy grease.

When the drive is put back in service, remove the grease and thoroughly clean sprockets and chain before re-installing.

• Heating and Welding

Do not use a cutting torch on chain. If cutting by torch is indicated, chain should be replaced. Welding should not be performed on any chain or chain components.

• Inserting New Links

Insert new links only on new roller chain. Pitch variance between a new link and those on an old chain, especially one which is elongated due to wear, will cause shock when the new link engages the sprocket.

• Installing New Chain

Chain and/or related parts should be visually inspected for damage which could have occurred during shipment prior to installation. Never install on badly worn sprockets as this will permanently damage the chain. As a temporary expedient, reverse a worn sprocket on the shaft to present a new set of working tooth surfaces; worn sprockets should be replaced as soon as practical to avoid permanent damage.

WARNING

USE CARE TO PREVENT INJURY COMPLY WITH FOLLOWING TO AVOID SERIOUS PERSONAL INJURY:

1. Guards must be provided on all chain and sprocket installations in accordance with provisions of ANSI/ASME B15.1 - 1996 "Safety Standards for Mechanical Power Transmission Apparatus", and ANSI/ASME B20.1 - 1996 "Safety Standards for Conveyors and Related Equipment", or other applicable safety standards. When revisions of these standards are published, the updated edition shall apply.
2. Always lock out the power switch before installing, removing, lubricating or servicing a chain system.
3. When connecting or disconnecting chain:
 - a. Eye protection is required. Wear safety glasses, protective clothing, gloves and safety shoes.
 - b. Support the chain to prevent uncontrolled movement of chain and parts.
 - c. Use of pressing equipment is recommended. Tools must be in good condition and properly used.
 - d. Determine correct direction for pin/rivet removal or insertion.

This chart is a quick, easy way to replace your current engineering class chains and sprockets with high-quality, reliable products from Tsubaki. The list is sorted by engineering class chain number, and you'll find the corresponding Tsubaki engineering class sprocket number listed for each.

Please check the chain or sprocket specifications on the corresponding page numbers carefully before ordering.

Engineering Class Chain Interchangeability Guidelines

There are several degrees of interchangeability for chain replacement between manufacturers' chains.

1. Intercoupling of Chains

The pin of one chain can be put through the bushing of another. However, the pin and outside sidebars must be produced by the same manufacturer. When connected, the two chains form one strand.

2. Interchanging of Parts

Because each manufacturer has different part designs and tolerances, interchanging parts is not suggested. Due to the differences in tolerances, we suggest you use Tsubaki replacement parts for Tsubaki chains.

3. Running on the Same Sprocket

Many replacement chains will run on the same sprockets even though they are not the same chains. The following dimensions must be equivalent in the original and replacement chains to run on the same sprocket.

- Pitch
- Roller, barrel, or bushing diameter
(depending on chain type)
- Inside width

If you have any questions about using the Universal Product Cross-Reference or interchangeability in general, contact Tsubaki Technical Support. We can help you select the right replacement chain or sprocket for your application.

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
JB-2	2.000	D	US-2	C-115	-	-
US-2	2.000	D	US-2	C-115	-	-
3DD	3.075	D	US-3075	C-5	US-3075	E-153
API-3	3.075	D	US-3075	C-5	US-3075	E-153
CHAMP3	3.075	D	US-3075	C-5	US-3075	E-153
4	4.000	RC	94R	C-20	94R	E-162
HP-4	4.063	D	US-1242	C-5	US-1242	E-155
RO-4	4.063	D	US-1242	C-5	US-1242	E-155
SS-4	4.000	RC	94R	C-20	94R	E-162
CC5	6.000	RC	CC5	C-21	CC5	E-167
6	6.000	RC	614R	C-21	CC5	E-167
6-SP	6.000	RC	631 R	C-21	626R	E-168
SS-6	6.000	RC	614R	C-21	CC5	E-167
SS-6SP	6.000	RC	631R	C-21	626R	E-168
S-17	2.563	D	520RX	C-5	-	-
RO-25H	2.500	D	RO-25H	C-5	-	-
SS-39	3.075	RC	119R	C-20	119RX	E-162
RO-40	3.075	D	US-1030	C-5	US-3075	E-153
RO-40HYPER	3.075	D	US-3075	C-5	US-3075	E-153
SS-40	3.075	D	US-1030	C-5	US-3075	E-153
SS-40HYPER	3.075	D	US-3075	C-5	US-3075	E-153
SS-40P	3.075	D	US-1031	C-5	US-3075	E-153
XXS-40	3.075	D	US-1031	C-5	US-3075	E-153
R-51A	2.500	D	US-2570	**	US-3075	E-153
53R	3.000	RC	53R	C-20	53R	E-161
C-55	1.631	C	C-55	**	-	-
EC-62	1.654	RC	162R	**	378RX	E-159
SS-62P	1.654	D	US-622	**	378RX	E-159
US-64S	2.500	D	US-64S	C-5	US-64S	E-151
US-64SH	2.500	D	US-64SH	C-115	US-64S	E-151
EPC-78	2.609	Plastic	EPC-78	C-125	-	-
W-78	2.609	WS	W-78	-	WH-78	E-184
W-78S	4.125	WS	WH-78S	-	-	-
WH-78	2.609	WS	WH-78	C-63	WH-78	E-184
WRC-78	2.609	WS	WRC-78	C-64	78	E-184
WR-78	2.609	WS	WR-78	C-63	WH-78	E-184
WH-78XHD	2.636	WS	WH-78XHD	C-63	-	**
WR-78XHD	2.636	WS	WR-78XHD	C-63	-	**
WR78-4	4.000	WS	WR-78-4	C-63	WR78-4	E-186
WS-78	2.609	WS	W-78	-	WH-78	E-184
WS-78P	2.609	WS	WH-78	C-63	WH-78	E-184
81C	2.609	RC	81X	C-20	81X	E-160
81X	2.609	RC	81X	C-20	81X	E-160
82R	4.000	RC	82R	**	US-90R	E-164
SS-82	6.000	RC	614R	C-21	CC5	E-167
W-82	3.075	WS	W-82	-	WH-82	E-185
W-82H	3.075	WS	W-82H	-	WH-82	E-185
WH-82	3.075	WS	WH-82	-	WH-82	E-185
WH-82H	3.075	WS	WH-82H	-	WH-82	E-185
WH-82XHD	3.075	WS	WH-82XHD	C-63	82	E-185
WR-82	3.075	WS	W-82	-	WH-82	E-185
WR-82XHD	3.075	WS	-	C-63	WR-82XHD	E-185
WRC-82XHD	3.075	WS	WRC-82XHD	C-64	82	E-185
WS-82	3.075	WS	W-82	-	WH-82	E-185
WS-82P	3.075	WS	WH-82	C-63	WH-82	E-185
83R	4.000	RC	83R	C-20	US-90R	E-164
84R	4.000	RC	84R	C-20	84R	E-164
85R	4.000	RC	85R	-	-	-
86R	6.000	RC	86R	C-20	627R	E-165
87R	2.609	RC	87R	C-20	87R	E-161
SS-87	2.609	RC	87R	C-20	87R	E-161
SS-88P	2.609	D	US-881	**	US-882	E-152
89R	4.000	RC	89R	C-20	89R	E-164
US-90R	4.000	RC	US-90R	C-20	US-90R	E-164
91 R	4.000	RC	91R	C-20	91R	E-163
93R	3.000	RC	93R	C-20	93R	E-161
94R	4.000	RC	94R	C-20	94R	E-162
95R	4.000	RC	95R	C-20	95R	E-163
96R	6.000	RC	96R	C-21	610R	E-167
96RX	6.000	RC	96RX	C-21	610R	E-167
SS-96	6.000	RC	96R	C-21	610R	E-167
97R	4.000	RC	97R	C-20	97R	E-163
102B	4.000	SB	102B	C-55	102B	E-181
H-102	5.000	WS	WD-102	-	-	-
A-102B	4.000	C	C-102B	-	102B	E-181
C-102B	4.000	C	C-102B	-	102B	E-181
HSB-102B	4.000	SB	102B	C-55	102B	E-181
N-102B	4.000	C	C-102B	-	102B	E-181
S-102B	4.000	SB	102B	C-55	102B	E-181
SBS-102B	4.000	SB	102B	C-55	102B	E-181
SS-102B	4.000	SB	102B	C-55	102B	E-181
WD-102	5.000	WS	WD-102	C-63	WD-102	E-205
WDH-102	5.000	WS	WDH-102	-	WD-102	E-205
WSD-102	5.000	WS	WD-102	C-63	WD-102	E-205
WSD-102P	5.000	WS	WDH-102	-	WD-102	E-205
102 1/2	4.040	SB	102 1/2	C-55	102 1/2	E-181

Engineering Class Chain

and Sprocket Index



Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
HSB-102 1/2	4.040	SB	102 1/2	C-55	102 1/2	E-181
S-102 1/2	4.040	SB	102 1/2	C-55	102 1/2	E-181
SBS-102 1/2	4.040	SB	102 1/2	C-55	102 1/2	E-181
103RC	3.075	D	US-1032	**	US-3075	E-153
H-104	6.000	WS	WD-104	-	WD-104	E-205
WD-104	6.000	WS	WD-104	-	WD-104	E-205
WDH-104	6.000	WS	WDH-104	C-69	WD-104	E-205
WSD-104	6.000	WS	WD-104	-	WD-104	E-205
WSD-104P	6.000	WS	WDH-104	C-69	WD-104	E-205
H-106	6.000	WS	W-106	-	WH-106	E-189
W-106	6.000	WS	W-106	-	WH-106	E-189
WH-106	6.000	WS	WH-106	C-63	WH-106	E-189
WH-106XHD	6.050	WS	WH-106XHD	C-63	106	E-190
WR-106	6.000	WS	WR-106	C-63	WH-106	E-189
WR-106XHD	6.050	WS	WR-106XHD	C-63	WR-106XHD	E-190
110	6.000	SB	110	C-55	110	E-182
C-110	6.000	C	C-110	-	110	E-182
C-110M	6.000	C	C-110	-	110	E-182
HSB-110	6.000	SB	110	C-55	110	E-182
S-110	6.000	SB	110	C-55	110	E-182
SBS-110	6.000	SB	110	C-55	110	E-182
WD-110	6.000	WS	WD-110	C-69	WD-110	E-205
WDH-110	6.000	WS	WDH-110	C-69	WD-110	E-205
WH-110	6.000	WS	WH-110	C-63	-	**
WR-110	6.000	WS	WR-110	C-63	-	**
WRC-110	6.000	WS	WRC-110	C-64	-	**
WRC-110XHD	6.050	WS	WRC-110XHD	C-64	-	**
WSD-110	6.000	WS	WD-110	C-69	WD-110	E-205
WSD-110P	6.000	WS	WDH-110	C-69	WD-110	E-205
111	4.760	SB	111	C-55	111	E-182
111SP	4.76X7.24	SB	111SP	C-55	-	-
A-111	4.760	C	C-111	-	111	E-182
C-111	4.760	C	C-111	-	111	E-182
C-111M	4.760	C	C-111	-	111	E-182
HSB-111	4.760	SB	111	C-55	111	E-182
HSB-111SP	4.76X7.24	SB	111SP	C-55	-	-
N-111	4.760	C	C-111	-	111	E-182
S-111	4.760	SB	111	C-55	111	E-182
S-111SP	4.76X7.24	SB	111SP	C-55	-	-
SBS-111	4.760	SB	111	C-55	111	E-182
SBS-111SP	4.76X7.24	SB	111SP	C-55	-	-
SS-111	4.760	SB	111	C-55	111	E-182
SS-111SP	4.76X7.24	SB	111SP	C-55	-	-
W-111	4.760	WS	W-111	-	WH-111	E-188
WH-111	4.760	WS	WH-111	C-63	WH-111	E-188
WR-111	4.760	WS	-	C-63	WH-111	E-188
WRC-111	4.051	WS	WRC-111	C-64	-	**
H-112	8.000	WS	WD-112	C-69	WD-112	E-205
WD-112	8.000	WS	WD-112	C-69	WD-112	E-205
WDH-112	8.000	WS	WDH-112	-	WD-112	E-205
WSD-112	8.000	WS	WD-112	C-69	WD-112	E-205
WSD-112P	8.000	WS	WDH-112	-	WD-112	E-205
H-113	6.000	WS	WD-113	-	WD-113	E-205
WD-113	6.000	WS	WD-113	-	WD-113	E-205
WDH-113	6.000	WS	WDH-113	-	WD-113	E-205
H-116	8.000	WS	WD-116	C-69	WD-116	E-205
WD-116	8.000	WS	WD-116	C-69	WD-116	E-205
WDH-116	8.000	WS	WDH-116	-	WD-116	E-205
WSD-116	8.000	WS	WD-116	C-69	WD-116	E-205
WSD-116P	8.000	WS	WDH-116	-	WD-116	E-205
WD-118	8.000	WD	WD-118	C-69	WD118	E-205
WD-118XHD	8.000	WD	WD-118XHD	C-69	-	**
119R	3.075	RC	119R	C-20	119RX	E-162
119RX	3.075	RC	119RX	C-20	119RX	E-162
WD-120XHD	6.000	WD	WD-120XHD	C-69	-	**
WSD-120	6.000	WS	WD-120	C-69	WD-120	-
WSD-120P	6.000	WS	WDH-120	**	WDH-120	-
H-122	8.000	WS	WD-122	C-69	WD-122	-
WD-122	8.000	WS	WD-122	C-69	WD-122	-
WD-122XHD	8.000	WD	WD-122XHD	C-69	-	**
WDH-122	8.000	WS	WDH-122	**	WDH-122	-
WSD-122	8.000	WS	WD-122	C-69	WD122	-
WSD-122P	8.000	WS	WDH-122	**	WDH-122	-
H-124	4.000	WS	W-124	-	WH-124	E-186
H-124HD	4.063	WS	W-124H	-	WH-124H	E-187
RO-124	4.063	D	US-1242	C-5	US-1242	E-155
SS-124	4.063	D	US-1242	C-5	US-1242	E-155
SS-124DP	4.063	D	US-1242	C-5	US-1242	E-155
W-124	4.000	WS	W-124	-	WH-124	E-186
W-124H	4.063	WS	W-124H	-	WH-124H	E-187
WH-124	4.000	WS	WH-124	C-63	WH-124	E-186
WH-124H	4.063	WS	W-124H	-	WH-124H	E-187
WH-124HD	4.063	WS	WH-124H	-	WH-124H	E-187
WH-124XHD	4.063	WS	WH-124XHD	C-63	124	E-187
WR-124IBR	4.000	WS	WR-124IBR	C-63	-	**
WR-124XHD	4.063	WS	WR-124XHD	C-63	WR-124XHD	E-187

Section E

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
WRC-124	4.000	WS	WRC-124	C-64	124	E-186
WRC-124XHD	4.063	WS	WRC-124XHD	C-64	124	E-187
WR-124	4.000	WS	W-124	-	WH-124	E-186
WR-124HD	4.063	WS	W-124H	-	WH-124H	E-187
WS-124	4.000	WS	W-124	-	WH-124	E-186
WS-124HD	4.063	WS	W-124H	-	WH-124H	E-187
WS124HDP	4.063	WS	WH-124H	-	WH-124H	E-187
WS-124P	4.000	WS	WH-124	C-63	WH-124	E-186
131	3.075	SB	131	C-55	131	E-180
C-131	3.075	C	C-131	-	131	E-180
HSB-131	3.075	SB	131	C-55	131	E-180
S-131	3.075	SB	131	C-55	131	E-180
SBS-131	3.075	SB	131	C-55	131	E-180
SS-131	3.075	SB	131	C-55	131	E-180
WHC-131	3.075	WS	WHC-131	C-64	-	**
WRC-131	3.075	WS	WRC-131	C-64	-	**
132	6.050	WS	-	-	WH-132	E-190
A-132	6.050	C	C-132	-	WH-132	E-190
C-132	6.050	C	C-132	-	WH-132	E-190
C-132M	6.050	C	C-132	-	WH-132	E-190
H-132	6.050	WS	W-132	-	WH-132	E-190
N-132	6.050	C	C-132	-	WH-132	E-190
W-132	6.050	WS	W-132	-	WH-132	E-190
WCH-132	6.050	WS	WCH-132	-	WH-132	E-190
WH-132	6.050	WS	WH-132	C-63	WH-132	E-190
WH-132SS	6.050	WS	WH-132SS	-	WH-132	E-190
WH-132XHD	6.050	WS	WR-132XHD	C-63	132	E-191
WR-132	6.050	WS	WR-132	C-63	WH-132	E-190
WRC-132	6.050	WS	WRC-132	C-64	WH-132	E-190
WRC-132XHD	6.050	WS	WRC-132XHD	C-64	-	**
WR-132XHD	6.050	WS	WR-132XHD	C-63	WR-132XHD	E-191
WS-132	6.050	WS	-	-	WH-132	E-190
WS-132P	6.050	WS	WH-132	C-63	WH-132	E-190
134	6.000	SB	US-850	-	-	-
149	4.000	RC	89R	C-20	89R	E-164
MSR-149	4.000	RC	89R	C-20	89R	E-164
150X	6.050	SB	150X	C-55	150X	E-183
HSB-150PLUS	6.050	SB	150X	C-55	150X	E-183
SA-150	6.050	SB	150X	C-55	150X	E-183
SBS-150PLUS	6.050	SB	150X	C-55	150X	E-183
SS-150X	6.050	SB	150X	C-55	150X	E-183
SX-150	6.050	SB	150X	C-55	150X	E-183
W-150	6.050	WS	W-150	-	WH-132	E-190
WH-150	6.050	WS	WH-150	C-63	WH-132	E-190
WR-150	6.050	WS	WR-150	C-63	WH-132	E-190
WRC-150	6.050	WS	WRC-150	C-64	-	**
WS-150P	6.050	WS	WH-150	C-63	WH-132	E-190
W-155	6.050	WS	W-155	-	WH-155	E-191
WH-155	6.050	WS	WH-155	C-63	WH-155	E-191
WR-155	6.050	WS	WR-155	C-63	155	E-191
WH-157	6.050	WS	WH-157	C-63	-	**
WR-157	6.050	WS	WR-157	C-63	-	**
WH-159	6.125	WS	WH-159	C-63	-	**
WR-159	6.125	WS	WR-159	C-63	-	**
160/348	2.000	D	160/348	C-77	-	-
160/458	2.000	D	160/458	C-77	-	-
160/678	2.000	D	160/678	C-77	-	-
162R	1.654	RC	162R	**	378RX	E-159
SS-162P	1.654	RC	378R	C-20	378RX	E-159
180	12.000	RC	B-1264R	C-21	B-1264R	E-175
SR-183	3.000	RC	53R	C-20	53R	E-161
188	2.609	SB	188	C-55	188	E-179
188Z	2.609	C	C-188	-	WH-78	E-184
C-188	2.609	C	C-188	-	WH-78	E-184
C-188M	2.609	C	C-188	-	WH-78	E-184
HSB-188	2.609	SB	188	C-55	188	E-179
S-188	2.609	SB	188	C-55	188	E-179
SBS-188	2.609	SB	188	C-55	188	E-179
SR-188	4.000	RC	1188R	C-20	91R	E-163
SS-188	2.609	SB	188	C-55	188	E-179
SR-194	4.000	RC	US-90R	C-20	US-90R	E-164
DS-196R	6.000	RC	DS-196R	C-94	627R	E-165
SR-196	6.000	RC	US-196R	C-20	627R	E-165
SRD-196	6.000	RC	DS-196R	C-104	627R	E-165
US-196R	6.000	RC	US-196R	C-20	627R	E-165
WH-200	6.125	WS	WH-200	C-63	-	**
WR-200	6.125	WS	WR-200	C-63	-	**
RF204	66.300	RC	RF204	C-137	-	**
RF205	3.075	RC	119R	C-104	119RX	E-162
RF212	152.400	RC	RF212	C-137	-	**
RF214	101.600	RC	RF214	C-137	-	**
234PB	3.510	D	351 RX	**	-	-
SS-234PLUS	3.510	D	351 RX	**	-	-
RX-238	3.500	D	US-3514	C-55	US-3514	E-154
276	12.000	RC	1276R	C-21	E-1263R	E-175
SS-276	12.000	RC	1276R	C-21	E-1263R	E-175

Engineering Class Chain

and Sprocket Index



Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
327R	2.980	RC	327R	**	-	-
344SXX	3.000	D	344SXX	C-5	344SXX	E-152
X-345	3.000	D	344SXX	C-5	344SXX	E-152
S-348	3.015	R	S-348	C-73	X-348	E-194
X-348	3.015	R	X-348	C-71	X-348	E-194
362	1.654	RC	US-620X	**	378RX	E-159
362R	1.654	RC	US-620X	**	378RX	E-159
A-362	1.654	RC	US-620X	**	378RX	E-159
B-362	1.654	RC	162R	**	378RX	E-159
R-362	1.654	RC	162R	**	378RX	E-159
RC-362	1.654	RC	162R	**	378RX	E-159
378R	1.654	RC	378R	C-20	378RX	E-159
378RX	1.654	RC	378RX	C-20	378RX	E-159
RF430	101.600	RC	RF430	C-137	-	**
RF430S	101.600	RC	RF430S	C-173	-	**
RF430S-SR	101.600	RC	RF430S-SR	C-151	-	**
R-432	1.654	D	US-622	**	378RX	E-159
RR-432	1.654	RC	378R	C-20	378RX	E-159
SS-433	2.609	D	US-881	**	US-882	E-152
433 1/2	2.609	D	US-881	**	US-882	E-152
433 1/2P	2.609	D	US-882	**	US-882	E-152
R-434	1.654	D	US-622	**	378RX	E-159
450SXX	4.500	D	US-4522	C-5	US-4522	E-156
RF450	101.600	RC	RF450	C-137	-	**
RF450S	152.400	RC	RF450S	C-173	-	**
RF450S-SR	101.600	RC	RF450S-SR	C-151	-	**
RF450WM	101.600	RC	RF450WM	C-170	-	**
S-458	4.031	R	S-458	C-73	X-458	E-194
X-458	4.031	R	X-458	C-71	X-458	E-194
462R	1.654	RC	462R	**	378RX	E-159
462RX	1.654	D	US-622	**	378RX	E-159
468	4.031	R	468	C-71	-	-
H-480	8.000	WS	WD-480	C-69	WD-480	E-205
WD-480	8.000	WS	WD-480	C-69	WD-480	E-205
WD-480XHD	8.000	WD	WD-480XHD	C-69	-	**
WDH-480	8.000	WS	WDH-480	C-69	WDH-480	E-205
WDRS480-SH	8.000	WD	WDRS480-SH	C-69	-	**
WDRS480XHD-SH	8.000	WD	WDRS480XHD-SH	C-69	-	**
WSD-480	8.000	WS	WD-480	C-69	WD-480	E-205
WSD-480P	8.000	WS	WDH-480	C-69	WDH-480	E-205
R-506	2.300	D	US-770	**	-	-
R-514	2.500	D	US-2570	**	-	-
S-517	2.609	D	US-881	**	US-882	E-152
520P	2.563	D	520RX	C-5	-	-
520RX	2.563	D	520RX	C-5	-	-
A-520	2.563	D	520RX	C-5	-	-
RO-520	2.563	D	520RX	C-5	-	-
S-520	2.563	D	520RX	C-5	-	-
XS-520	2.563	D	520RX	C-5	-	-
A-522	2.640	D	1184RX	**	-	-
SS-522	2.640	D	1184RX	**	-	-
SS-522P	2.640	D	1184RX	**	-	-
527R	3.075	D	US-1031	C-5	US-3075	E-153
527RX	3.075	D	US-1031	C-5	US-3075	E-153
531	4.000	RC	89R	C-20	89R	E-164
S-531	4.000	RC	89R	C-20	89R	E-164
S-554	3.075	D	US-1030	C-5	US-3075	E-153
S-554PLUS	3.075	D	US-1031	C-5	US-3075	E-153
S-557	4.063	D	US-1242	C-5	US-1242	E-155
S-557PLUS	4.063	D	US-1242	C-5	US-1242	E-155
SS-568P	3.067	D	US-3011	C-5	US-3011	E-153
X-568	3.067	D	US-3011	C-5	US-3011	E-153
WD-580	8.000	WD	WD-580	C-69	-	**
588RX	2.609	D	US-882	C-5	US-882	E-152
A-588	2.609	D	US-882	C-5	US-882	E-152
R-588	2.609	D	US-882	C-5	US-882	E-152
RO-588	2.609	D	US-882	C-5	US-882	E-152
RR-588	2.609	RC	87R	C-20	87R	E-161
602R	6.000	RC	602 R	**	-	-
603R	6.000	RC	603 R	C-20	603 R	E-166
604R	6.000	RC	604 R	C-20	627R	E-165
DS-604R	6.000	RC	604 R	C-20	627R	E-165
607 R	6.000	RC	607 R	C-20	CC5	E-167
610R	6.000	RC	610R	C-21	610R	E-167
SS-610	6.000	RC	610R	C-21	610R	E-167
614R	6.000	RC	614R	C-21	CC5	E-167
LXS-620	1.654	RC	162R	**	378RX	E-159
IS-622	1.654	D	US-622	**	378RX	E-159
LXS-622	1.654	D	US-622	**	378RX	E-159
RO-622	1.654	D	US-622	**	378RX	E-159
IS-624	1.654	RC	162R	**	378RX	E-159
625R	6.000	RC	625R	C-20	625R	E-167
LXS-625	1.654	RC	162R	**	378RX	E-159
626R	6.000	RC	626R	C-21	626R	E-168
627R	6.000	RC	627R	C-20	627R	E-165
LXS-627	1.654	RC	378R	C-20	378RX	E-159

Section E

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
RS-627	1.654	RC	378RX	C-20	378RX	E-159
RX-627	1.654	RC	378RX	C-20	378RX	E-159
628R	6.000	RC	628R	C-20	DS-6272	E-166
629R	6.000	RC	629R	C-20	629R	E-168
631	6.000	RC	631R	C-21	626R	E-168
631 R	6.000	RC	631R	C-21	626R	E-168
632R	6.000	RC	632R	**	-	-
633R	6.000	RC	633R	**	-	-
634R	6.000	RC	634R	**	627R	E-165
635A	4.500	D	US-4522	C-5	US-4522	E-156
B-635	4.500	D	US-4522	C-5	US-4522	E-156
RO-635	4.500	D	US-4522	C-5	US-4522	E-156
FXS-635	4.500	D	US-4522	C-5	US-4522	E-156
X-635	4.500	D	US-4522	C-5	US-4522	E-156
XXS-635	4.500	D	US-4522	C-5	US-4522	E-156
RF650	152.400	RC	RF650	C-137	-	**
SS-658	6.000	RC	625R	C-20	625R	E-167
X-658	6.031	R	X-658	C-71	-	-
B-663R	6.000	RC	B-663R	C-21	629R	E-168
678	6.031	R	678	-	X-678	E-195
S-678	6.031	R	S-678	C-73	X-678	E-195
X-678	6.031	R	X-678	C-71	X-678	E-195
698	6.031	R	698	C-73	698	E-195
S-698	6.031	R	S-698	C-126	698	E-195
W-720S	6.000	WS	WH-720S	C-126	WH-720S	E-189
W-720SH	6.000	WS	WH-720SH	C-126	WH-720S	E-189
WH-720S	6.000	WS	WH-720S	C-126	WH-720S	E-189
WH-720SH	6.000	WS	WH-720SH	C-126	WH-720S	E-189
LXS-770	2.300	D	US-770	**	-	-
R-778	2.609	D	US-881	**	US-882	E-152
RR-778	2.609	RC	US-278R	C-20	87R	E-161
SS-793	6.000	RC	US-196R	C-20	627R	E-165
SS-796	6.000	RC	2178R	**	610R	E-167
800RX	8.000	RC	800RX	C-21	800RX	E-169
SS-800	8.000	RC	800RX	C-21	800RX	E-169
806 R	8.000	RC	806R	C-21	806R	E-168
809	9.000	RC	809R	**	-	-
809R	9.000	RC	809R	**	-	-
ACR810	152.400	RC	ACR810	C-176	ACR810	E-197
ACR815	152.400	RC	ACR815	C-176	ACR815	E-197
ACR816	152.400	RC	ACR816	C-176	ACR816	E-197
ACR819	152.400	RC	ACR819	C-176	ACR819	E-197
825	4.000	SB	825	**	-	-
S-825	4.000	SB	825	**	-	-
830	6.000	SB	830	**	-	-
S-830	6.000	SB	830	**	-	-
834R	8.000	RC	834R	**	-	-
F-840	18.000	RC	B-1864R	C-21	B-1864R	E-177
844	6.000	SB	844	**	-	-
844X	6.000	SB	844X	**	-	-
S-850	6.000	SB	US-850	**	-	-
SS-850	6.000	SB	US-850	**	-	-
US-850	6.000	SB	US-850	**	-	-
S-856	6.000	SB	4856	C-55	4856	E-182
856	6.000	SB	4856	C-55	4856	E-182
SX-856	6.000	SB	4856	C-55	4856	E-182
X-857	6.000	SB	4857	C-55	4856	E-182
X-859	6.000	SB	4859	C-55	4859	E-182
IS-881	2.609	D	US-881	**	US-882	E-152
LXS-881	2.609	D	US-881	**	US-882	E-152
RO-881	2.609	D	US-881	**	US-882	E-152
US-881	2.609	D	US-882	**	US-882	E-152
IS-882	2.609	D	US-882	C-5	US-882	E-152
JS-882	2.609	D	US-882	C-5	US-882	E-152
LXS-882	2.609	D	US-882	C-5	US-882	E-152
RO-882	2.609	D	US-882	C-5	US-882	E-152
US-882	2.609	D	US-882	C-5	US-882	E-152
IS-886	2.609	RC	US-278R	C-20	87R	E-161
LXS-886	2.609	RC	US-278R	C-20	87R	E-161
RS-886	2.609	RC	US-278R	C-20	87R	E-161
SX-886	7.000	SB	US-7038	**	-	-
IS-887	2.609	RC	87R	C-20	87R	E-161
LXS-887	2.609	RC	87R	C-20	87R	E-161
RS-887	2.609	RC	87R	C-20	87R	E-161
SS-889	6.000	RC	603R	C-20	603R	E-166
896R	8.000	RC	896R	C-21	896R	E-169
911	9.000	RC	B-912R	C-21	B-912R	E-170
911C	9.000	RC	B-912R	C-21	B-912R	E-170
E-911	9.000	RC	B-912R	C-21	B-912R	E-170
IS-911	9.000	RC	B-912R	C-21	B-912R	E-170
SS-911	9.000	RC	B-912R	C-21	B-912R	E-170
A-912R	9.000	RC	B-912R	C-21	B-912R	E-170
B-912R	9.000	RC	B-912R	C-21	B-912R	E-170
E-912	9.000	RC	B-912R	C-21	B-912R	E-170
SS-912	9.000	RC	B-912R	C-21	B-912R	E-170
E-921	9.000	RC	B-912R	C-21	B-912R	E-170

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Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
922	9.000	RC	B-963R	C-21	B-963R	E-171
922C	9.000	RC	B-963R	C-21	B-963R	E-171
E-922	9.000	RC	D-963R	C-21	D-963R	E-171
F-922	9.000	RC	B-963R	C-21	B-963R	E-171
SS-922	9.000	RC	B-963R	C-21	B-963R	E-171
925R	9.000	RC	925R	C-21	925R	E-169
SS-927	9.000	RC	D-963R	C-21	D-963R	E-171
SS-928	9.000	RC	D-963R Special	**	-	-
F-929	9.000	RC	E-963R	C-21	E-963R	E-172
SS-929	9.000	RC	E-963R	C-21	E-963R	E-172
F-930	9.000	RC	B-963R	C-21	B-963R	E-172
SS-930	9.000	RC	B-963R	C-21	B-963R	E-171
932	9.000	RC	E-963R	C-21	E-963R	E-172
F-932	9.000	RC	E-963R	C-21	E-963R	E-172
SS-932	9.000	RC	E-963R	C-21	E-963R	E-172
933	9.000	RC	B-964R	C-21	B-964R	E-172
933C	9.000	RC	B-964R	C-21	B-964R	E-172
F-933	9.000	RC	B-964R	C-21	B-964R	E-172
SS-933	9.000	RC	B-964R	C-21	B-964R	E-172
F-940	9.000	RC	B-964R	C-21	B-964R	E-172
SS-940	9.000	RC	B-964R	C-21	B-964R	E-172
SS-945	6.000	RC	629R	C-20	629R	E-168
951	6.000	RC	626R	C-21	626R	E-168
S-951	6.000	RC	626R	C-21	626R	E-168
SS-951	6.000	RC	626R	C-21	626R	E-168
RS-958	9.000	RC	925R	C-21	925R	E-169
RS-958W	9.000	RC	925R	C-21	925R	E-169
SS-960	6.000	RC	2198RX	C-21	610R	E-167
961R	9.000	RC	961R	C-21	-	-
A-963R	9.000	RC	B-963R	C-21	B-963R	E-171
B-963R	9.000	RC	B-963R	C-21	B-963R	E-171
D-963R	9.000	RC	D-963R	C-21	D-963R	E-171
E-963R	9.000	RC	E-963R	C-21	E-963R	E-172
F-963R	9.000	RC	E-963R	C-21	E-963R	E-172
A-964R	9.000	RC	B-964R	C-21	B-964R	E-172
B-964R	9.000	RC	B-964R	C-21	B-964R	E-172
965R	9.000	RC	4009	C-21	4009	E-170
967R	9.000	RC	4004	C-21	4004	E-171
973R	9.000	RC	973R	C-21	973R	E-173
SS-996	6.000	RC	96RX	C-21	610R	E-167
998	9.031	R	998	C-62	998	E-195
S-998	9.031	R	S-998	C-64	998	E-195
1007	6.000	RC	96R	C-21	610R	E-167
1007D	6.000	RC	96R	C-21	610R	E-167
1007DP	6.000	RC	96RX	C-21	610R	E-167
1007P	6.000	RC	96RX	C-21	610R	E-167
1030	3.075	D	US-1030	C-5	US-3075	E-153
1030DW3	3.075	D	US-1032	**	US-3075	E-153
IS-1030	3.075	D	US-1030	C-5	US-3075	E-153
JS-1030	3.075	D	US-1030	C-5	US-3075	E-153
US-1030	3.075	D	US-1030	C-5	US-3075	E-153
IS-1031	3.075	D	US-1031	C-5	US-3075	E-153
JS-1031	3.075	D	US-1031	C-5	US-3075	E-153
LXS-1031	3.075	D	US-1031	C-5	US-3075	E-153
LXS-1031M	3.075	D	US-1031	C-5	US-3075	E-153
RO-1031	3.075	D	US-1031	C-5	US-3075	E-153
US-1031	3.075	D	US-1031	C-5	US-3075	E-153
IS-1032	3.075	D	US-1032	**	US-3075	E-153
LXS-1032	3.075	D	US-1032	**	US-3075	E-153
US-1032	3.075	D	US-1032	**	US-3075	E-153
1033	3.075	D	US-1031	C-5	US-3075	E-153
R-1033	3.075	D	US-1031	C-5	US-3075	E-153
SS-1033	3.075	D	US-1031	C-5	US-3075	E-153
R-1035	3.075	D	US-1032	**	US-3075	E-153
1037	3.075	D	US-3075	C-5	US-3075	E-153
IS-1037	3.075	D	US-3075	C-5	US-3075	E-153
1041AA	2.500	D	US-2570	**	-	-
SS-1088	2.609	RC	81X	C-20	81X	E-160
1094	2.300	D	US-770	**	-	-
1094C	2.300	D	US-770	**	-	-
1095	12.000	RC	1272R	**	-	-
1113R	4.040	RC	1113R	C-20	DS-1113	E-165
SR-1113	4.040	RC	1113R	C-20	DS-1113	E-165
SS-1113	4.040	RC	1113R	C-20	DS-1113	E-165
SR-1114	6.000	RC	627R	C-20	627R	E-165
SS-1114	6.000	RC	627R	C-20	627R	E-165
SS-1116	6.000	RC	604R	C-20	627R	E-165
SS-1116CR	6.000	RC	DS-604R	**	627R	E-165
RR-1120	4.000	RC	95R	C-20	95R	E-163
S-1120	4.000	RC	95R	C-20	95R	E-163
SS-1120	4.000	RC	95R	C-20	95R	E-163
1126	6.000	RC	1126R	C-21	DS-6272	E-166
1126C	6.000	RC	1126RS	C-21	626R	E-168
1126R	6.000	RC	1126R	C-21	DS-6272	E-166
1126RS	6.000	RC	1126RS	C-21	626R	E-168
SS-1126	6.000	RC	1126R	C-21	DS-6272	E-166

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
SS-1126 1/2	6.000	RC	1126RS	C-21	626R	E-168
1131R	6.000	RC	1131R	C-21	629R	E-168
S-1131	6.000	RC	1131R	C-21	629R	E-168
SS-1131	6.000	RC	1131R	C-21	629R	E-168
S-1183	3.000	RC	53R	C-20	53R	E-161
SR-1183	3.000	RC	53R	C-20	53R	E-161
SS-1183	3.000	RC	53R	C-20	53R	E-161
1184R	2.640	D	1184RX	**	-	-
1184RX	2.640	D	1184RX	**	-	-
1188R	4.000	RC	1188R	C-20	91R	E-163
SS-1188	4.000	RC	1188R	C-20	91R	E-163
1190R	3.075	D	US-1030	C-5	US-3075	E-153
1190R3	3.075	D	US-1032	**	US-3075	E-153
1190RX	3.075	D	US-1031	C-5	US-3075	E-153
1190RXX	3.075	D	US-3075	C-5	US-3075	E-153
1190SXX	3.075	D	US-3075	C-5	US-3075	E-153
SS-1194	4.000	RC	US-90R	C-20	US-90R	E-164
S-1196	6.000	RC	US-196R	C-20	627R	E-165
SS-1196	6.000	RC	US-196R	C-20	627R	E-165
RF1200VR	100.000	RC	RF1200VR	C-153	RF1200VR	C-154
1202P	5.000	D	US-5031	C-5	US-5035	E-157
A-1202	5.000	D	US-5031	C-5	US-5035	E-157
SS-1202	5.000	D	US-5031	C-5	US-5035	E-157
SS-1202P	5.000	D	US-5031	C-5	US-5035	E-157
SS-1204P	5.000	D	US-5031	C-5	US-5035	E-157
XXXS-1205	5.000	D	US-5031	C-5	US-5035	E-157
1207	5.000	D	US-5031	C-5	US-5035	E-157
RO-1207	5.000	D	US-5031	C-5	US-5035	E-157
RX-1207	5.000	D	US-5031	C-5	US-5035	E-157
1211	12.000	RC	B-1212R	C-21	B-1212R	E-173
1211C	12.000	RC	B-1212R	C-21	B-1212R	E-173
1211P	12.000	RC	B-1212R	C-21	B-1212R	E-173
E-1211	12.000	RC	B-1212R	C-21	B-1212R	E-173
SS-1211	12.000	RC	B-1212R	C-21	B-1212R	E-173
1212	6.000	RC	628R	C-20	DS-6272	E-166
A-1212R	12.000	RC	B-1212R	C-21	B-1212R	E-173
B-1212R	12.000	RC	B-1212R	C-21	B-1212R	E-173
E-1212	12.000	RC	B-1212R	C-21	B-1212R	E-173
SS-1212	12.000	RC	B-1212R	C-21	B-1212R	E-173
1222	12.000	RC	B-1263R	C-21	B-1263R	E-174
1222C	12.000	RC	B-1263R	C-21	B-1263R	E-174
E-1222	12.000	RC	D-1263R	C-21	D-1263R	E-174
F-1222	12.000	RC	B-1263R	C-21	B-1263R	E-174
SS-1222	12.000	RC	B-1263R	C-21	B-1263R	E-174
SS-1227	12.000	RC	D-1263R	C-21	D-1263R	E-174
SS-1230	12.000	RC	B-1263R	C-21	B-1263R	E-174
F-1232	12.000	RC	E-1263R	C-21	E-1263R	E-175
RS-1232	12.000	RC	E-1263R	C-21	E-1263R	E-175
SS-1232	12.000	RC	E-1263R	C-21	E-1263R	E-175
1233	12.000	RC	B-1264R	C-21	B-1264R	E-175
1233C	12.000	RC	B-1264R	C-21	B-1264R	E-175
F-1233	12.000	RC	B-1264R	C-21	B-1264R	E-175
RS-1233	12.000	RC	B-1264R	C-21	B-1264R	E-175
SS-1233	12.000	RC	B-1264R	C-21	B-1264R	E-175
SS-1236	12.000	RC	1272R	**	-	-
SS-1240	12.000	RC	B-1264R	C-21	B-1264R	E-175
XXS-1240	4.063	D	US-1242	C-5	US-1242	E-155
1240RXX	4.063	D	US-1242	C-5	US-1242	E-155
1240	4.063	D	US-1242	C-5	US-1242	E-155
LXS-1241M	4.063	D	US-1241	C-5	US-1242	E-155
US-1241	4.063	D	US-1241	C-5	US-1242	E-155
IS-1242	4.063	D	US-1242	C-5	US-1242	E-155
LXS-1242M	4.063	D	US-1242	C-5	US-1242	E-155
LXS-1242	4.063	D	US-1242	C-5	US-1242	E-155
RO-1242	4.063	D	US-1242	C-5	US-1242	E-155
US-1242	4.063	D	US-1242	C-5	US-1242	E-155
F-1244	12.000	RC	1273R	C-21	1273R	E-175
SS-1244	12.000	RC	1273R	C-21	1273R	E-175
1244	12.000	RC	1273R	C-21	-	-
1244	4.063	D	US-1242	C-5	US-1242	E-155
1245SXX	4.073	D	US-1245	C-5	US-1245	E-155
B-1245	4.073	D	US-1245	C-5	US-1245	E-155
IS-1245	4.073	D	US-1245	C-5	US-1245	E-155
J-1245A	4.073	D	US-1245	C-5	US-1245	E-155
LXS-1245	4.073	D	US-1245	C-5	US-1245	E-155
RO-1245	4.073	D	US-1245	C-5	US-1245	E-155
RX-1245	4.073	D	US-1245	C-5	US-1245	E-155
US-1245	4.073	D	US-1245	C-5	US-1245	E-155
XXS-1245	4.073	D	US-1245	C-5	US-1245	E-155
R-1248	4.063	D	US-1242	C-5	US-1242	E-155
1251	12.000	RC	DWG, 14419	**	-	-
1258	6.000	RC	625R	C-20	625R	E-167
A-1263R	12.000	RC	B-1263R	C-21	B-1263R	E-174
B-1263R	12.000	RC	B-1263R	C-21	B-1263R	E-174
D-1263R	12.000	RC	D-1263R	C-21	D-1263R	E-174
E-1263R	12.000	RC	E-1263R	C-21	E-1263R	E-175

Engineering Class Chain

and Sprocket Index



Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
A-1264R	12.000	RC	B-1264R	C-21	B-1264R	E-175
B-1264R	12.000	RC	B-1264R	C-21	B-1264R	E-175
1265R	12.000	RC	1265R	C-21	1265R	E-173
B-1266R	12.000	RC	B-1266R	C-21	B-1266R	E-174
1267	12.000	RC	1276R	C-21	-	-
1271R	12.000	RC	1271R	C-21	1273R	E-175
1272R	12.000	RC	1272R	**	E-1263R	E-175
1273	12.000	RC	B-1266R	C-21	B-1266R	E-174
1273R	12.000	RC	1273R	C-21	-	-
1276R	12.000	RC	1276R	C-21	-	-
1288	2.609	RC	81X	C-20	81X	E-160
1297	4.040	RC	1113R	C-20	DS-1113	E-165
R-1305	3.075	D	US-1032	**	US-3075	E-153
A-1306	6.000	D	US-6042	C-5	US-6042	E-158
RO-1306	6.000	D	US-6042	C-5	US-6042	E-158
RO-1307	7.000	D	US-7060	**	-	-
A-1309	7.000	D	US-7080	C-5	US-7080	E-158
X-1311	6.500	D	US-6560	**	-	-
1322	12.000	RC	D-1263R	C-21	D-1263R	E-174
1322C	12.000	RC	D-1263R	C-21	D-1263R	E-174
SS-1326	6.000	RC	DWG. 20463	**	-	-
1338	8.000	RC	DWG 17758	**	-	-
RO-1343	4.090	D	US-4121	C-5	-	-
X-1343	4.090	D	US-4121	C-5	-	-
X-1345	4.090	D	US-4122	C-5	US-4122	E-156
1347	4.063	D	US-1242	C-5	US-1242	E-155
US-1353	4.090	D	US-1353	C-5	-	-
X-1353	4.090	D	US-1353	C-5	-	-
1378	1.654	RC	378R	C-20	378RX	E-159
1510RXX	5.000	D	US-5031	C-5	US-5035	E-157
RS-1513	3.075	RC	119R	C-20	119RX	E-162
1520	4.000	RC	95R	C-20	95R	E-163
1520C	4.000	RC	95R	C-20	95R	E-163
153500	3.075	SB	30702	C-116	-	-
1536M6	3.075	RC	30701	C-114	-	-
1539	3.075	RC	119R	C-20	119RX	E-162
1568	3.067	D	US-3011	C-5	US-3011	E-153
AX-1568	3.065	D	US-3011	C-5	US-3011	E-153
1578	2.609	RC	-	-	81X	E-160
1583	3.000	RC	53R	C-20	53R	E-161
1583C	3.000	RC	53R	C-20	53R	E-161
1588	4.000	RC	1188R	C-20	91 R	E-163
1589	4.000	RC	DWG. 14382	**	89R	E-164
1594	4.000	RC	US-90R	C-20	US-90R	E-164
1601A	5.750	D	US-5738	C-5	-	-
1602A	5.000	D	US-5031	C-5	US-5035	E-157
1602AA	5.000	D	US-5031	C-5	US-5035	E-157
RO-1602AA	5.000	D	US-5031	C-5	US-5035	E-157
1604R	6.000	RC	1604R	**	-	-
1605AAA	5.000	D	US-5035	C-5	US-5035	E-157
1606	6.000	RC	603R	C-20	603 R	E-166
1606AA	6.000	D	US-6042	C-5	US-6042	E-168
1607AA	7.000	D	US-7060	**	-	-
1613A	2.000	D	US-2065	C-5	-	-
RO1613AK	2.000	D	US-2065	C-5	-	-
1616A	3.500	D	US-3514	C-5	US-3514	E-154
RO-1616	3.500	D	US-3514	C-5	US-3514	E-154
1617	6.000	RC	CC5	C-21	CC5	E-167
1625A	2.500	D	US-64S	C-5	US-64S	E-151
1626A	6.000	D	US-6042	C-5	US-6042	E-158
1627B	2.500	D	US-64S	C-5	US-64S	E-151
1630A	3.000	D	344SXX	C-5	344SXX	E-152
1630R	6.000	RC	1630R	C-21	CC5	E-167
1640A	3.075	D	US-1032	**	US-3075	E-153
1641AA	2.500	D	US-2570	**	-	-
1645A	4.073	D	US-1245	C-5	US-1245	E-155
1645AB	4.073	D	US-1245	C-5	US-1245	E-155
1702	6.000	RC	628R	C-20	DS-6272	E-166
1706	6.000	RC	614R	C-21	CC5	E-167
1706R	12.000	RC	1706R	-	-	-
RO-1706	3.075	D	DWG. 16750	**	-	-
1709	9.000	RC	925R	C-21	925R	E-169
1721	4.000	RC	94R	C-20	94R	E-162
1734	6.000	RC	1131R	C-21	629R	E-168
1743	12.000	RC	B-1266R	C-21	B-1266R	E-174
1743 1/2	12.000	RC	B-1266R	C-21	B-1266R	E-174
1751	9.000	RC	D-963R	C-21	D-963R	E-171
1751C	9.000	RC	D-963R	C-21	D-963R	E-171
SS-1769	6.000	RC	2178RX	C-21	610R	E-167
1796	6.000	RC	US-196R	C-20	627R	E-165
SS-1796	6.000	RC	2178RX	C-21	610R	E-167
1803AB	3.067	D	US-3011	C-5	US-3011	E-153
1807	6.000	RC	2198RX	C-21	610R	E-167
1822	18.000	RC	B-1863R	C-21	B-1863R	E-176
1822C	18.000	RC	B-1863R	C-21	B-1863R	E-176
E-1822	18.000	RC	D-1863R	C-21	D-1863R	E-176

Section E

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
F-1822	18.000	RC	B-1863R	C-21	B-1863R	E-176
SS-1822	18.000	RC	B-1863R	C-21	B-1863R	E-176
1823	6.000	RC	634R	**	627R	E-165
SS-1827	18.000	RC	D-1863R	C-21	D-1863R	E-176
1829	6.000	RC	604R	C-20	627R	E-165
F-1830	18.000	RC	B-1863R	C-21	B-1863R	E-176
SS-1830	18.000	RC	B-1863R	C-21	B-1863R	E-176
1831	18.000	RC	D-1863R	C-21	D-1863R	E-176
1832	18.000	RC	F-1863R	C-21	E-1863R	E-176
F-1832	18.000	RC	F-1863R	C-21	E-1863R	E-176
SS-1832	18.000	RC	F-1863R	C-21	E-1863R	E-176
1833	18.000	RC	B-1864R	C-21	B-1864R	E-177
1833C	18.000	RC	B-1864R	C-21	B-1864R	E-177
F-1833	18.000	RC	B-1864R	C-21	B-1864R	E-177
SS-1833	18.000	RC	B-1864R	C-21	B-1864R	E-177
SS-1840	18.000	RC	B-1864R	C-21	B-1864R	E-177
1844	18.000	RC	1873R	C-21	1873R	E-177
F-1844	18.000	RC	1873R	C-21	1873R	E-177
SS-1844	18.000	RC	1873R	C-21	1873R	E-177
1855	18.000	RC	1866R	C-21	1866R	E-177
F-1855	18.000	RC	1866R	C-21	1866R	E-177
SS-1855	18.000	RC	1866R	C-21	1866R	E-177
1862	1.654	RC	378R	C-20	378RX	E-159
1862C	1.654	RC	378R	C-20	378RX	E-159
A-1863R	18.000	RC	B-1863R	C-21	B-1863R	E-176
B-1863R	18.000	RC	B-1863R	C-21	B-1863R	E-176
D-1863R	18.000	RC	D-1863R	C-21	D-1863R	E-176
E-1863R	18.000	RC	F-1863R	C-21	E-1863R	E-176
F-1863R	18.000	RC	F-1863R	C-21	E-1863R	E-176
A-1864R	18.000	RC	B-1864R	C-21	B-1864R	E-177
B-1864R	18.000	RC	B-1864R	C-21	B-1864R	E-177
G-1864R	18.000	RC	G-1864R	C-21	G-1864R	E-177
1866	18.000	RC	1866R	C-21	1866R	E-177
1866R	18.000	RC	1866R	C-21	1866R	E-177
F-1866	18.000	RC	1867R	C-21	1866R	E-177
SS-1866	18.000	RC	1867R	C-21	1866R	E-177
1867R	18.000	RC	1867R	C-21	1866R	E-177
1871R	18.000	RC	1871R	C-21	1873R	E-177
1873R	18.000	RC	1873R	C-21	1873R	E-177
1906	6.000	RC	631R	C-21	626R	E-168
1972BM5	2.609	RC	26001	C-114	-	-
RO-2010	2.500	D	US-2570	**	-	-
LXS-2055	2.000	D	US-2065	C-5	-	-
IS-2065	2.000	D	US-2065	C-5	-	-
IS-2065S	2.000	D	US-2065	C-5	-	-
LXS-2065	2.000	D	US-2065	C-5	-	-
US-2065	2.000	D	US-2065	C-5	-	-
SS-2066	4.000	RC	82R	**	US-90R	E-164
2102	4.000	RC	US-3433	**	-	-
2111	6.000	RC	**	**	-	-
B-2111	6.000	RC	**	**	-	-
RO-2113	4.040	RC	2113R	**	DS-1113	E-165
SS-2113	4.040	RC	2113R	**	DS-1113	E-165
SS-2115	6.000	RC	602 R	**	-	-
2124	6.000	RC	96R	C-21	610R	E-167
A-2124	6.000	RC	96RX	C-21	610R	E-167
2126	6.000	RC	604R	C-20	627R	E-165
2130R	6.000	RC	2130R	C-21	CC5	E-167
2146	6.000	RC	U-3940	C-88	U-3940	E-193
S-2174	4.000	RC	U-3952	C-88	U-3952	E-192
2178A	6.000	RC	2178RX	C-21	610R	E-167
2178R	6.000	RC	2178R	**	610R	E-167
2178RX	6.000	RC	2178RX	C-21	610R	E-167
A-2178	6.000	RC	2178RX	C-21	610R	E-167
RF-2178	6.000	RC	2198RX	C-21	610R	E-167
2180	6.000	RC	628R	C-20	DS-6272	E-166
SS-2180	6.000	RC	628R	C-20	DS-6272	E-166
2183	6.000	RC	629R	C-20	629R	E-168
F-2183	6.000	RC	629R Special	**	625R	E-167
2184	6.000	RC	2184R	C-21	629R	E-168
2184P	6.000	RC	2184RX	C-21	629R	E-168
2184R	6.000	RC	2184R	C-21	629R	E-168
2184RX	6.000	RC	2184RX	C-21	629R	E-168
A-2184	6.000	RC	2184RX	C-21	629R	E-168
SS-2184P	6.000	RC	2184R	C-21	629R	E-168
SS-2184	6.000	RC	2184R	C-21	629R	E-168
2190	6.000	RC	607R	C-20	CC5	E-167
2190P	6.000	RC	607R	C-20	CC5	E-167
SS-2190	6.000	RC	607R	C-20	CC5	E-167
2198A	6.000	RC	2198RX	C-21	610R	E-167
2198RX	6.000	RC	2198RX	C-21	610R	E-167
A-2198	6.000	RC	2198RX	C-21	610R	E-167
2268	4.083	RC	US-2858	**	-	-
2348	12.000	RC	B-1264R	C-21	B-1264R	E-175
R-2362	1.654	D	US-620X	**	378RX	E-159
2397R	12.000	RC	2397R	-	-	-

Engineering Class Chain

and Sprocket Index



Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
2507	18.000	RC	1871R	C-21	1873R	E-177
RO-2512	3.067	D	US-3011	C-5	US-3011	E-153
LXS-2560	2.500	D	US-2570	**	-	-
US-2560	2.500	D	US-2570	**	-	-
IS-2570	2.500	D	US-2570	**	-	-
IS-2570A	2.500	D	US-2570	**	-	-
LXS-2570	2.500	D	US-2570	**	-	-
US-2570	2.500	D	US-2570	**	-	-
LXS-2585	2.500	D	RO-1625	**	US-64S	E-151
2614R	12.000	RC	2614R	-	-	-
C-2614	12.000	RC	2614R	-	-	-
ISS-2625	2.563	D	520RX	C-5	-	-
2800	8.000	RC	800RX	C-21	800RX	E-169
2800PB	8.000	RC	800RX	C-21	800RX	E-169
A-2800	8.000	RC	800RX	C-21	800RX	E-169
RO-2814	3.500	D	US-3514	C-5	US-3514	E-154
SS-2857	6.000	SB	4857	C-55	4856	E-182
US-2858	4.083	RC	US-2858	**	-	-
SS-2859	6.000	SB	4859	C-55	4859	E-183
SS-2864	7.000	SB	4864	C-55	4864	E-183
2995	4.250	D	X-3808	**	-	-
IS-3010	3.067	D	US-3011	C-5	US-3011	E-153
IS-3011	3.067	D	US-3011	C-5	US-3011	E-153
LXS-3011	3.067	D	US-3011	C-5	US-3011	E-153
RO-3011	3.067	D	US-3011	C-5	US-3011	E-153
US-3011	3.067	D	US-3011	C-5	US-3011	E-153
LXS-3013	3.000	RC	53R	C-20	53R	E-161
RS-3013	3.000	RC	53R	C-20	53R	E-161
XS-3013D6	3.000	RC	DWG. 17175	**	-	-
3067X	3.067	D	US-3011	C-5	US-3011	E-153
IS-3075	3.075	D	US-3075	C-5	US-3075	E-153
JS-3075	3.075	D	US-3075	C-5	US-3075	E-153
RF03075	75.000	RC	RF03075	C-137	-	**
RF03075BR/BF	75.000	RC	RF03075BR/BF	C-156	-	**
RF03075EBR/EBF	75.000	RC	RF03075EBR/EBF	C-160	-	**
RF03075R-TR	75.000	RC	RF03075R-TR	C-152	-	**
RF03075S	75.000	RC	RF03075S	C-173	-	**
RF03075S-SR	75.000	RC	RF03075S-SR	C-151	-	**
RF0375VR	75.000	RC	RF0375VR	C-153	RF0375VR	C-154
RF03075WEBR/WEBF	75.000	RC	RF03075WEBR/WEBF	C-162	-	**
RFD03075R	75.000	RC	RFD03075R	C-149	-	**
RFN03075R	75.000	RC	RFN03075R	C-166	RFN03075R	C-167
US-3075	3.075	D	US-3075	C-5	US-3075	E-153
RF03100	100.000	RC	RF03100	C-137	-	**
RF03100BRBF	100.000	RC	RF03100BRBF	C-156	-	**
RF03100EBREBF	100.000	RC	RF03100EBREBF	C-160	-	**
RF03100R-TR	100.000	RC	RF03100R-TR	C-152	-	**
RF03100S-SR	100.000	RC	RF03100S-SR	C-151	-	**
RF03100VR	100.000	RC	RF03100VR	C-153	RF03100VR	C-154
RF03100WEBR/WEBF	100.000	RC	RF03100WEBR/WEBF	C-162	-	**
RFD03100R	100.000	RC	RFD03100R	C-149	-	**
3113	2.000	D	US-2065	C-5	-	-
B-3113	2.000	D	US-2065	C-5	-	-
3125	3.125	D	3125R	**	-	-
3125HY	3.125	D	3125R	**	-	-
3125HY2	3.125	D	D-3125R	**	-	-
3125HY3	3.125	D	1-3125R	**	-	-
3125R	3.125	D	3125R	**	-	-
D-3125	3.125	D	D-3125R	**	-	-
D-3125R	3.125	D	D-3125R	**	-	-
RO-3125	3.125	D	RO-3125	**	-	-
SS-3125HY	3.125	D	3125R	**	-	-
SS-3125	3.125	D	3125R	**	-	-
T-3125	3.125	D	T-3125R	**	-	-
T-3125R	3.125	U	T-3125R	**	-	-
RO-3140	1.750	D	RO-3140	C-5	-	-
3146	3.075	SB	30703	C-114	131	E-180
RO-3160	2.000	D	RO-3160	**	-	-
RO-3180	2.250	D	RO-3180	C-5	-	-
RO-3200	2.500	D	RO-1625	**	US-64S	E-151
RO-3315	4.073	D	US-1245	C-5	US-1245	E-155
3420	4.040	RC	1113R	C-20	DS-1113	E-165
3433	4.000	RC	3433	-	-	-
DF-3498	1.75 X 2.5	BP	DF-3498	C-98	DF-3498	E-178
DF-3500	2.5 X 3.0	BP	DF-3500	C-98	DF-3500	E-178
IS-3514	3.500	D	US-3514	C-5	US-3514	E-154
JS-3514	3.500	D	US-3514	C-5	US-3514	E-154
LXS-3514	3.500	D	US-3514	C-5	US-3514	E-154
US-3514	3.500	D	US-3514	C-5	US-3514	E-154
RO-3618	4.500	D	US-4522	C-5	US-4522	E-156
X-3808	4.250	D	X-3808	**	-	-
DF-3910	3.0 X 3.0	BP	DF-3910	C-98	DF-3910	E-178
U-3940	6.000	RC	U-3940	C-88	U-3940	E-193
U-3945	4.000	RC	U-3945	C-88	U-3945	E-192
U-3952	4.000	RC	U-3952	C-88	U-3952	E-192
US-3957	4.000	RC	US-3957	**	-	-

Section E

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
S-4000	4.000	RC	94R	C-20	94R	E-162
4002	9.000	RC	809R	**	B-963R	E-171
SS-4002	9.000	RC	809R	**	B-963R	E-171
4004	9.000	RC	4004	C-21	4004	E-171
X-4004	9.000	RC	4004	C-21	4004	E-171
4009	9.000	RC	4009	C-21	4009	E-170
LXS-4013	4.000	RC	95R	C-20	95R	E-163
RS-4013	4.000	RC	95R	C-20	95R	E-163
JS-4014	4.063	D	US-1242	C-5	US-1242	E-155
LXS-4019	4.000	RC	94R	C-20	94R	E-162
RS-4019	4.000	RC	94R	C-20	94R	E-162
RO-4020	5.000	D	US-5031	C-5	US-5035	E-157
4023	18.000	RC	1871R	C-21	1873R	E-177
SS-4023	18.000	RC	1871R	C-21	1873R	E-177
US-4028	4.000	D	US-4031	C-5	-	-
US-4031	4.000	U	US-4031	C-5	-	-
4038	12.000	RC	B-1266R	C-21	B-1266R	E-174
SS-4038	12.000	RC	B-1266R	C-21	B-1266R	E-174
SS-4043	12.000	RC	B-1266R	C-21	B-1266R	E-174
4065	9.000	RC	4065	C-21	4065	E-172
JS-4106	4.063	D	US-1242	C-5	US-1242	E-155
JS-4110	4.063	D	US-1241	C-5	US-1242	E-155
LXS-4113	4.000	RC	1188R	C-20	91R	E-163
RS-4113	4.000	RC	1188R	C-20	91R	E-163
LXS-4119	4.000	RC	97R	C-20	97R	E-163
RS-4119	4.000	RC	97R	C-20	97R	E-163
US-4121	4.090	D	US-4121	C-5	-	-
US-4122	4.090	D	US-4122	C-5	US-4122	E-156
RO-4214	4.000	D	DWG. 16751	**	-	-
IS-4216	4.000	RC	US-90R	C-20	US-90R	E-164
LXS-4216	4.000	RC	US-90R	C-20	US-90R	E-164
RS-4216	4.000	RC	US-90R	C-20	US-90R	E-164
RS-4238	4.000	RC	89R	C-20	89R	E-164
LXS-4328	4.000	RC	89R	C-20	89R	E-164
LXS-4328G19	4.000	RC	DWG. 21758	**	89R	E-164
RS-4328	4.000	RC	89R	C-20	89R	E-164
IS-4522	4.500	D	US-4522	C-5	US-4522	E-156
US-4522	4.500	D	US-4522	C-5	US-4522	E-156
RO-4824	6.000	D	US-6042	C-5	US-6042	E-158
SS-4850	12.000	RC	1265R	C-21	1265R	E-173
4851	9.000	RC	4009	C-21	4009	E-170
SS-4851	9.000	RC	4009	C-21	4009	E-170
4852	9.000	RC	4004	C-21	4004	E-171
SS-4852	9.000	RC	4004	C-21	4004	E-171
4856	6.000	SB	4856	C-55	4856	E-182
4857	6.000	SB	4857	C-55	4856	E-182
4859	6.000	SB	4859	C-55	4859	E-183
4864	7.000	SB	4864	C-55	4864	E-183
IS-5022	5.000	D	US-5031	C-5	US-5035	E-157
LXS-5022	5.000	D	US-5031	C-5	US-5035	E-157
US-5022	5.000	D	US-5031	C-5	US-5035	E-157
IS-5028	5.000	D	US-5031	C-5	US-5035	E-157
LXS-5028	5.000	D	US-5031	C-5	US-5035	E-157
US-5028A	5.000	D	US-5031	C-5	US-5035	E-157
US-5028N	5.000	D	US-5031	C-5	US-5035	E-157
US-5028	5.000	D	US-5031	C-5	US-5035	E-157
IS-5031	5.000	D	US-5031	C-5	US-5035	E-157
US-5031	5.000	D	US-5031	C-5	US-5035	E-157
US-5035	5.000	D	US-5035	C-5	US-5035	E-157
US-5042	5.000	D	US-5042	C-5	US-5042	E-157
RF05075	75.000	RC	RF05075	C-137	-	**
RF05075S-SR	75.000	RC	RF05075S-SR	C-151	-	**
RF05100	100.000	RC	RF05100	C-137	-	**
RF05100BR/BF	100.000	RC	RF05100BR/BF	C-156	-	**
RF05100EBR/EBF	100.000	RC	RF05100EBR/EBF	C-160	-	**
RF05100R-TR	100.000	RC	RF05100R-TR	C-152	-	**
RF05100S-SR	100.000	RC	RF05100S-SR	C-151	-	**
RF05100VR	100.000	RC	RF05100VR	C-153	RF05100VR	C-154
RF05100WEBR/WEBF	100.000	RC	RF05100WEBR/WEBF	C-162	-	**
RFD05100R	100.000	RC	RFD05100R	C-149	-	**
RFN05100R	100.000	RC	RFN05100R	C-166	RFN05100R	C-167
RF05125	125.000	RC	RF05125	C-137	-	**
RF05125S-SR	125.000	RC	RF05125S-SR	C-151	-	**
RF05150	150.000	RC	RF05150	C-137	-	**
RF05150BR/BF	150.000	RC	RF05150BR/BF	C-156	-	**
RF05150EBR/EBF	150.000	RC	RF05150EBR/EBF	C-160	-	**
RF05150R-TR	150.000	RC	RF05150R-TR	C-152	-	**
RF05150S-SR	150.000	RC	RF05150S-SR	C-151	-	**
RF05150VR	150.000	RC	RF05150VR	C-153	RF05150VR	C-154
RF05150WEBR/WEBF	150.000	RC	RF05150WEBR/WEBF	C-162	-	**
RFD05150R	150.000	RC	RFD05150R	C-149	-	**
ACP05152P-SF4	152.400	RC	ACP05152P-SF4	C-181	-	**
5208	6.000	RC	DWG. 18708	**	-	-
5520	2.563	D	520RX	C-5	-	-
US-5542	5.500	D	US-5542	C-5	US-5542	E-158
5602	6.000	RC	DS-196R	C-104	627R	E-165

Engineering Class Chain

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Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
US-5738	5.750	D	US-5738	C-5	-	-
IS-6018	6.000	RC	US-196R	C-20	627R	E-165
LXS-6018	6.000	RC	US-196R	C-20	627R	E-165
RS-6018	6.000	RC	US-196R	C-20	627R	E-165
RS-6018CR	6.000	RC	DS-196R	C-94	627R	E-165
IS-6022	6.000	RC	607R	C-20	CC5	E-167
IS-6040	6.000	D	US-6042	C-5	US-6042	E-158
US-6040	6.000	D	US-6042	C-5	US-6042	E-158
IS-6042	6.000	D	US-6042	C-5	US-6042	E-158
JS-6042	6.000	D	US-6042	C-5	US-6042	E-158
US-6042	6.000	D	US-6042	C-5	US-6042	E-158
6053R	6.000	RC	6053R	C-20	6053R	E-165
US-6066	6.000	D	US-6066	C-5	US-6042	E-158
6101	6.000	RC	631R	C-21	627R	E-165
6102B	4.000	SB	102B	C-55	102B	E-181
6102BM	4.000	SB	102B	C-55	102B	E-181
6102 1/2	4.040	SB	102 1/2	C-55	102 1/2	E-181
6110	6.000	SB	110	C-55	110	E-182
6110BM	6.000	SB	110	C-55	110	E-182
6111	4.760	SB	111	C-55	111	E-182
6111 M	4.760	SB	111	C-55	111	E-182
6111SP	4.76 X 7.24	SB	111SP	C-55	-	-
6131	3.075	SB	131	C-55	131	E-180
6150DM	6.050	SB	150X	C-55	150X	E-183
6150P	6.050	SB	150X	C-55	150X	E-183
6188	2.609	SB	188	C-55	188	E-179
6188M	2.609	SB	188	C-55	188	E-179
JAC6205	152.400	RC	JAC6205	C-183	JAC6205	E-198
RF6205	152.400	RC	RF6205	C-137	-	**
RF6205M	152.400	RC	RF6205M	C-170	-	**
RF6205R-TR	152.400	RC	RF6205R-TR	C-152	-	**
RF6205S	152.400	RC	RF6205S	C-173	-	**
RF6205S-SR	152.400	RC	RF6205S-SR	C-151	-	**
RF6205VR	152.400	RC	RF6205VR	C-153	RF6205VR	C-154
RFD6205R	152.400	RC	RFD6205R	C-149	-	**
LXS-6238	6.000	RC	614R	C-21	CC5	E-167
RS-6238	6.000	RC	614R	C-21	CC5	E-167
DS-6272	6.000	RC	DS-6272	C-104	DS-6272	E-166
LXS-6438	6.000	RC	631R	C-21	626R	E-168
RS-6438	6.000	RC	631R	C-21	626R	E-168
US-6560	6.500	D	US-6560	**	-	-
US-6566	6.500	D	US-6566	C-5	-	-
6825	4.000	SB	825	**	-	-
6826	6.000	SB	6826	C-117	-	-
6830	6.000	SB	830	**	-	-
6850	6.000	SB	US-850	**	-	-
6856	6.000	SB	4856	C-55	4856	E-182
6864	7.000	SB	4864	C-55	4864	E-183
6867	6.000	SB	4857	C-55	4856	E-182
6869	6.000	SB	4859	C-55	4859	E-183
JS-7055	7.000	D	US-7060	**	-	-
IS-7060	7.000	D	US-7060	**	-	-
US-7060	7.000	D	US-7060	**	-	-
US-7080	7.000	D	US-7080	C-5	US-7080	E-158
7601	2.800	SB	DWG. 20003	**	-	-
7602	2.609	SB	DWG. 16109	**	-	-
7774MO6	2.609	RC	26001	C-114	-	-
RF08125	125.000	RC	RF08125	C-137	-	**
RF08125S	125.000	RC	RF08125S	C-173	-	**
RF08125WM	125.000	RC	RF08125WM	C-170	-	**
RF08150	150.000	RC	RF08150	C-137	-	**
RF08150BR/BF	150.000	RC	RF08150BR/BF	C-156	-	**
RF08150EBR/EBF	150.000	RC	RF08150EBR/EBF	C-160	-	**
RF08150WEBR/WEBF	150.000	RC	RF08150WEBR/WEBF	C-162	-	**
RFD08150R	150.000	RC	RFD08150R	C-149	-	**
JAC08152	152.400	RC	JAC08152	C-183	JAC08152	E-198
9063RXX	6.000	RC	9063RXX	-	-	-
U-9856	6.000	RC	U-9856	C-88	U-9856	E-193
RF10100	100.000	RC	RF10100	C-137	-	**
RF10100BR	100.000	RC	RF10100BR	C-156	-	**
RF10100EBR	100.000	RC	RF10100EBR	C-160	-	**
RF10100S-SR	100.000	RC	RF10100S-SR	C-151	-	**
RF10100WEBR	100.000	RC	RF10100WEBR	C-162	-	**
RF10125	125.000	RC	RF10125	C-137	-	**
RF10125M	125.000	RC	RF10125M	C-170	-	**
RF10125S	125.000	RC	RF10125S	C-173	-	**
RF10125S-SR	125.000	RC	RF10125S-SR	C-151	-	**
RF10150	150.000	RC	RF10150	C-137	-	**
RF10150BR/BF	150.000	RC	RF10150BR/BF	C-156	-	**
RF10150EBR/EBF	150.000	RC	RF10150EBR/EBF	C-160	-	**
RF10150M	150.000	RC	RF10150M	C-170	-	**
RF10150R-TR	150.000	RC	RF10150R-TR	C-152	-	**
RF10150S	150.000	RC	RF10150S	C-173	-	**
RF10150S-SR	150.000	RC	RF10150S-SR	C-151	-	**
RF10150VR	150.000	RC	RF10150VR	C-153	RF10150VR	C-154
RF10150WEBR/WEBF	150.000	RC	RF10150WEBR/WEBF	C-162	-	**

Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
RFD10150R	150.000	RC	RFD10150R	C-149	-	**
RFN10150R	150.000	RC	RFN10150R	C-166	RFN10150R	C-167
RFD10200R	200.000	RC	RFD10200R	C-149	-	**
JAC10152	152.400	RC	JAC10152	C-183	JAC10152	E-198
12001	12.000	RC	12001	C-100	-	-
12002	12.000	RC	12002	C-100	-	-
12003	12.000	RC	12003	C-100	-	-
ACS13078W	78.100	RC	ACS13078W	C-178	ACS13078W	E-200
ACS13103W	103.200	RC	ACS13103W	C-178	ACS13103W	E-200
ACS13152W	152.400	RC	ACS13152W	C-178	ACS13152W	E-200
ACS15152W	152.400	RC	ACS15152W	C-178	ACS15152W	E-200
ACS19152W	152.400	RC	ACS19152W	C-178	ACS19152W	E-200
20001	2.000	SB	20001	-	-	-
20002	2.000	RC	20002	C-105	-	-
JAC21152	152.400	RC	JAC21152	C-183	JAC21152	E-198
ACS25152W	152.400	RC	ACS25152W	C-178	ACS25152W	E-200
26001	2.609	RC	26001	C-114	-	-
JAC26152	152.400	RC	JAC26152	C-183	JAC26152	E-198
27001	12 X 15	BP	27001	C-91	-	-
30701	3.075	RC	30701	C-119	US-3075	E-153
30702	3.075	SB	30702	C-116	131	E-180
30703	3.075	SB	30703	C-114	131	E-180
ACS35152W	152.400	RC	ACS35152W	C-178	ACS35152W	E-200
40001	4.000	RC	40001	C-91	US-90R	E-164
40002	4.000	RC	40002	C-91	-	-
40003	4.000	RC	40003	C-91	-	-
41001	4.100	WS	41001	C-113	-	-
42501	4.250	RC	42501	C-91	-	-
50001	5.000	RC	50001	C-20	-	-
52501	5.250	RC	52501	C-91	-	-
52502	5.250	RC	52502	C-91	-	-
60001	6.000	RC	60001	C-21	-	-
60002	6.000	RC	60002	C-91	625R	E-167
60175	6.000	RC	60175	-	-	-
80002	8.000	RC	80002	C-106	-	-
80003	8.000	RC	80003	C-106	-	-
90001	9.000	RC	90001	C-106	-	-
90002	9.000	RC	90002	C-106	-	-
90003	9.000	RC	90003	C-100	-	-
90004	9.000	RC	90004	C-100	925R	E-169
RF12200	200.000	RC	RF12200	C-137	-	**
RF12200BR/BF	200.000	RC	RF12200BR/BF	C-156	-	**
RF12200EBR/EBF	200.000	RC	RF12200EBR/EBF	C-160	-	**
RF12200M	200.000	RC	RF12200M	C-170	-	**
RF12200R-TR	200.000	RC	RF12200R-TR	C-152	-	**
RF12200S	200.000	RC	RF12200S	C-173	-	**
RF12200S-SR	200.000	RC	RF12200S-SR	C-151	-	**
RF12200WEBR/WEBF	200.000	RC	RF12200WEBR/WEBF	C-162	-	**
RFD12200R	200.000	RC	RFD12200R	C-149	-	**
RFN12200R	200.000	RC	RFN12200R	C-166	RFN12200R	C-167
RF12250	250.000	RC	RF12250	C-137	-	**
RF12250BR/BF	250.000	RC	RF12250BR/BF	C-156	-	**
RF12250EBR/EBF	250.000	RC	RF12250EBR/EBF	C-160	-	**
RF12250S-SR	250.000	RC	RF12250S-SR	C-151	-	**
RF12250WEBR/WEBF	250.000	RC	RF12250WEBR/WEBF	C-162	-	**
RFD12250R	250.000	RC	RFD12250R	C-149	-	**
RF17200	200.000	RC	RF17200	C-137	-	**
RF17200BR/BF	200.000	RC	RF17200BR/BF	C-156	-	**
RF17200EBR/EBF	200.000	RC	RF17200EBR/EBF	C-160	-	**
RF17200M	200.000	RC	RF17200M	C-170	-	**
RF17200R-TR	200.000	RC	RF17200R-TR	C-152	-	**
RF17200S	200.000	RC	RF17200S	C-173	-	**
RF17200S-SR	200.000	RC	RF17200S-SR	C-151	-	**
RF17200VR	200.000	RC	RF17200VR	C-153	RF17200VR	C-154
RF17200WEBR/WEBF	200.000	RC	RF17200WEBR/WEBF	C-162	-	**
RFN17200R	200.000	RC	RFN17200R	C-166	RFN17200R	C-167
RF17250	250.000	RC	RF17250	C-137	-	**
RF17250BR/BF	250.000	RC	RF17250BR/BF	C-156	-	**
RF17250EBR/EBF	250.000	RC	RF17250EBR/EBF	C-160	-	**
RF17250M	250.000	RC	RF17250M	C-170	-	**
RF17250S-SR	250.000	RC	RF17250S-SR	C-151	-	**
RF17250WEBR/WEBF	250.000	RC	RF17250WEBR/WEBF	C-162	-	**
RFD17250R	250.000	RC	RFD17250R	C-149	-	**
RF17300	300.000	RC	RF17300	C-137	-	**
RF17300BR/BF	300.000	RC	RF17300BR/BF	C-156	-	**
RF17300EBR/EBF	300.000	RC	RF17300EBR/EBF	C-160	-	**
RF17300S-SR	300.000	RC	RF17300S-SR	C-151	-	**
RF17300WEBR/WEBF	300.000	RC	RF17300WEBR/WEBF	C-162	-	**
RFD17300R	300.000	RC	RFD17300R	C-149	-	**
RF26200	200.000	RC	RF26200	C-137	-	**
RF26200M	200.000	RC	RF26200M	C-170	-	**
RF26200S	200.000	RC	RF26200S	C-173	-	**
RF26200S-SR	200.000	RC	RF26200S-SR	C-151	-	**
RF26250	250.000	RC	RF26250	C-137	-	**
RF26250BR/BF	250.000	RC	RF26250BR/BF	C-156	-	**
RF26250EBR/EBF	250.000	RC	RF26250EBR/EBF	C-160	-	**

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Chain Number	Pitch P	Style	Tsubaki Chain Number	Chain Page Number	Tsubaki Sprocket Number	Sprocket Page Number
RF26250N	250.000	RC	RF26250N	C-170	-	**
RF26250S-SR	250.000	RC	RF26250S-SR	C-151	-	**
RF26250WEBR/WEBF	250.000	RC	RF26250WEBR/WEBF	C-162	-	**
RFN26250R	250.000	RC	RFN26250R	C-166	RFN26250R	C-167
RF26300	300.000	RC	RF26300	C-137	-	**
RF26300BR/BF	300.000	RC	RF26300BR/BF	C-156	-	**
RF26300EBR/EBF	300.000	RC	RF26300EBR/EBF	C-160	-	**
RF26300N	300.000	RC	RF26300N	C-170	-	**
RF26300S-SR	300.000	RC	RF26300S-SR	C-151	-	**
RF26300WEBR/WEBF	300.000	RC	RF26300WEBR/WEBF	C-162	-	**
RF26300R	300.000	RC	RF26300R	C-149	-	**
RF26450	450.000	RC	RF26450	C-137	-	**
RF26450BR/BF	450.000	RC	RF26450BR/BF	C-156	-	**
RF26450EBR/EBF	450.000	RC	RF26450EBR/EBF	C-160	-	**
RF26450WEBR/WEBF	450.000	RC	RF26450WEBR/WEBF	C-162	-	**
RF36250	250.000	RC	RF36250	C-137	-	**
RF36250S-SR	250.000	RC	RF36250S-SR	C-151	-	**
RF36300	300.000	RC	RF36300	C-137	-	**
RF36300BR/BF	300.000	RC	RF36300BR/BF	C-156	-	**
RF36300EBR/EBF	300.000	RC	RF36300EBR/EBF	C-160	-	**
RF36300M	300.000	RC	RF36300M	C-170	-	**
RF36300N	300.000	RC	RF36300N	C-170	-	**
RF36300S-SR	300.000	RC	RF36300S-SR	C-151	-	**
RF36300WEBR/WEBF	300.000	RC	RF36300WEBR/WEBF	C-162	-	**
RF36300R	300.000	RC	RF36300R	C-149	-	**
RFN36300R	300.000	RC	RFN36300R	C-166	RFN36300R	C-167
RF36400R	400.000	RC	RF36400R	C-149	-	**
RF36450	450.000	RC	RF36450	C-137	-	**
RF36450BR/BF	450.000	RC	RF36450BR/BF	C-156	-	**
RF36450EBR/EBF	450.000	RC	RF36450EBR/EBF	C-160	-	**
RF36450S-SR	450.000	RC	RF36450S-SR	C-151	-	**
RF36450WEBR/WEBF	450.000	RC	RF36450WEBR/WEBF	C-162	-	**
RF36600	600.000	RC	RF36600	C-137	-	**
RF36600BR/BF	600.000	RC	RF36600BR/BF	C-156	-	**
RF36600EBR/EBF	600.000	RC	RF36600EBR/EBF	C-160	-	**
RF36600WEBR/WEBF	600.000	RC	RF36600WEBR/WEBF	C-162	-	**
RF440400	400.000	RC	RF440400	C-137	-	**
RF440600	600.000	RC	RF440600	C-137	-	**
ACP045150-SF4	152.400	RC	ACP045150-SF4	C-181	-	**
RF52300	300.000	RC	RF52300	C-137	-	**
RF52450	450.000	RC	RF52450	C-137	-	**
RF52450R	450.000	RC	RF52450R	C-149	-	**
RF52600	600.000	RC	RF52600	C-137	-	**
RF60300	300.000	RC	RF60300	C-137	-	**
RF60350	350.000	RC	RF60350	C-137	-	**
RF60400	400.000	RC	RF60400	C-137	-	**
RF90350	350.000	RC	RF90350	C-137	-	**
RF90400	400.000	RC	RF90400	C-137	-	**
RF90500	500.000	RC	RF90500	C-137	-	**
RF120400	400.000	RC	RF120400	C-137	-	**
RF120600	600.000	RC	RF120600	C-137	-	**
RF280400	400.000	RC	RF280400	C-137	-	**
RF280600	600.000	RC	RF280600	C-137	-	**
RF360400	400.000	RC	RF360400	C-137	-	**
RF360600	600.000	RC	RF360600	C-137	-	**