

TRITAN

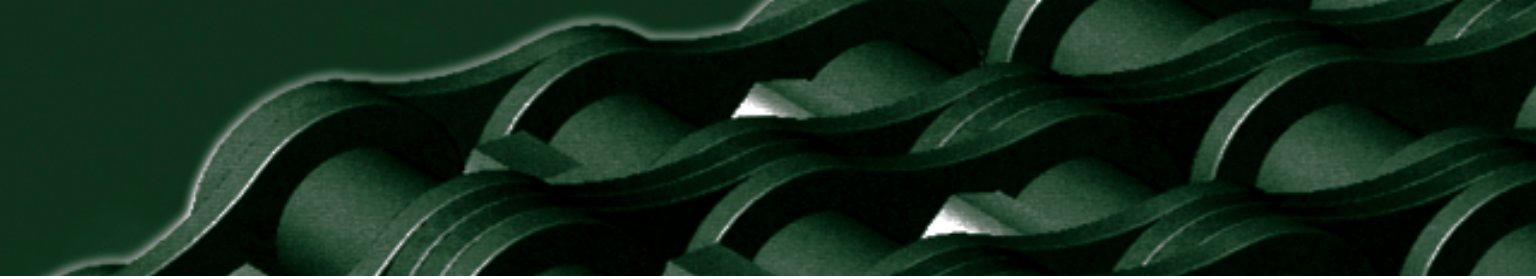
PRECISION POWER TRANSMISSION COMPONENTS

YOUR LINK TO QUALITY.



ISO 9001 AND ANSI B-29-1 CERTIFIED





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PRECISION POWER TRANSMISSION COMPONENTS

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INTRODUCTION

Tritan Power Transmission products are manufactured in some of China's largest and most technologically advanced factories. Manufacturing facilities cover in excess of 200,000 square meters and have over 2000 employees including 400 highly trained professionals.

As of 1999, all manufacturing facilities have received ISO9001 quality certification as well as ISO 14001 for Environmental Management.

Tritan's main products include Precision Roller Chain, Conveyor Chain, Stainless Steel and Nickel Plated Chain, Plate Sprockets, Hub Sprockets, Idler Sprockets, Sheaves, Bushings and Belts.





萬泰認證

認證證書

杭州東華鏈條集團有限公司

總部：杭州機場路218號

自強公司：杭州餘杭經濟開發區興旺工業城

建立的管理體系，按照以下標準評審合格，特發此證。

認證標準

ISO9001:2000

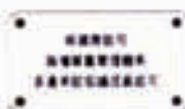
認證範圍

標準滾子鏈、套筒鏈及特種鏈的設計開發和生產

證書號：15/K06Q5040R11

發證日期：2005年1月21日

有效期至：2005年12月7日



總經理

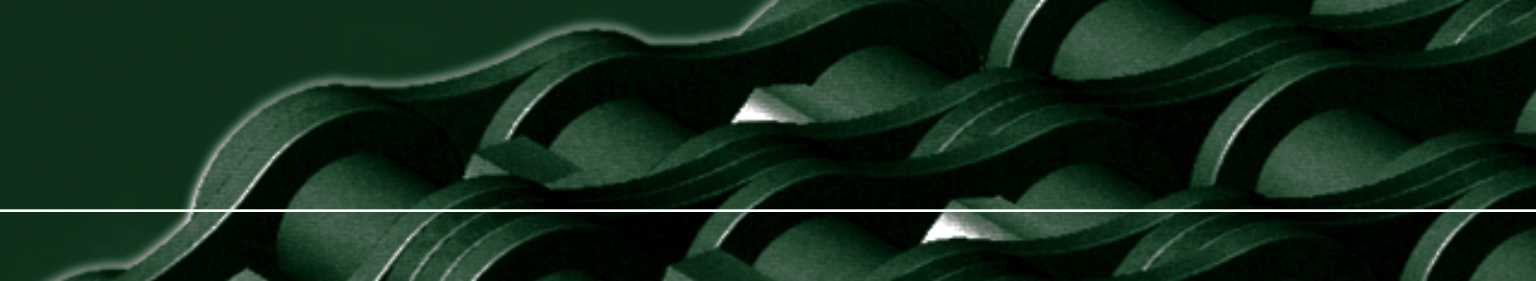
涉及本證書範圍和ISO9001:2000要求的適用性問題，可以通過向該組織諮詢而得到進一步的澄清。

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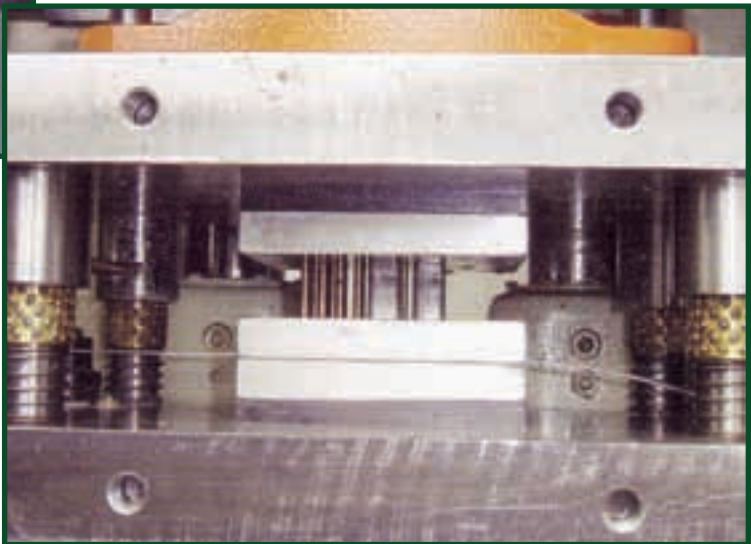
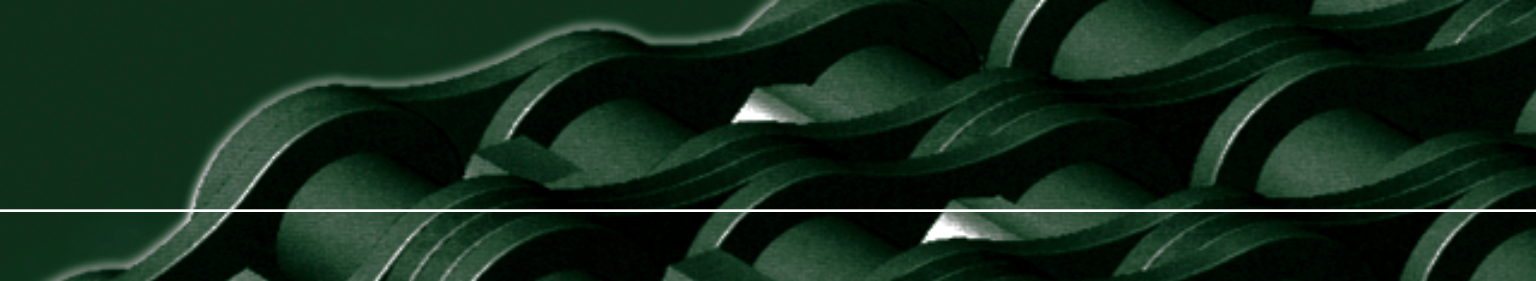


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PRECISION POWER TRANSMISSION COMPONENTS

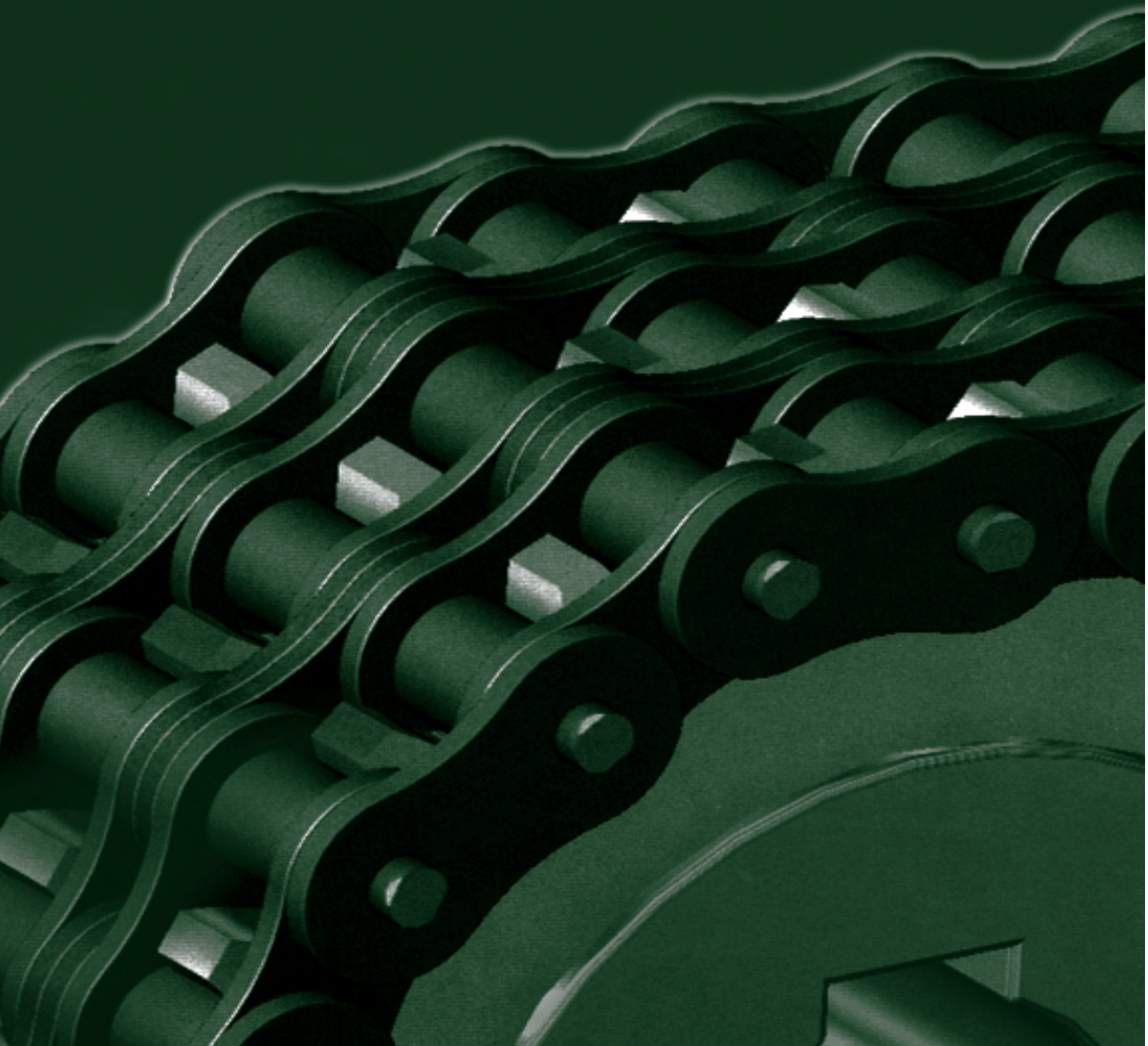
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PRECISION POWER TRANSMISSION COMPONENTS



PRODUCT LIST

PRECISION ROLLER CHAIN

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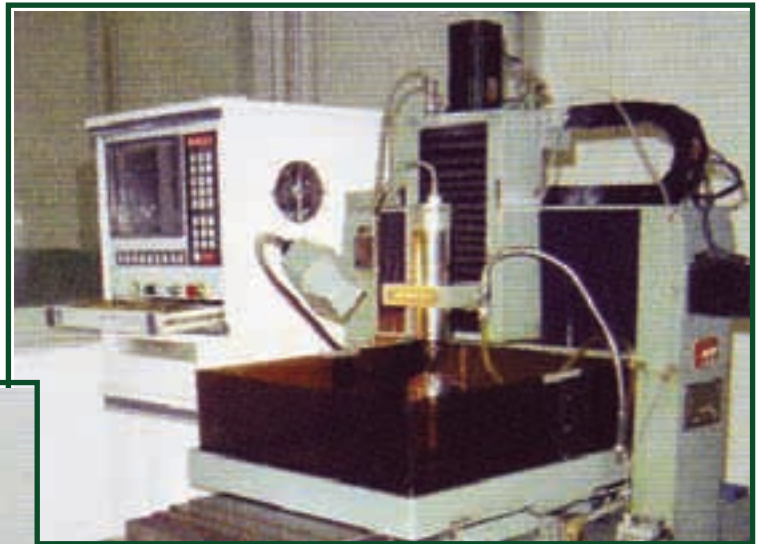
PRECISION POWER TRANSMISSION COMPONENTS

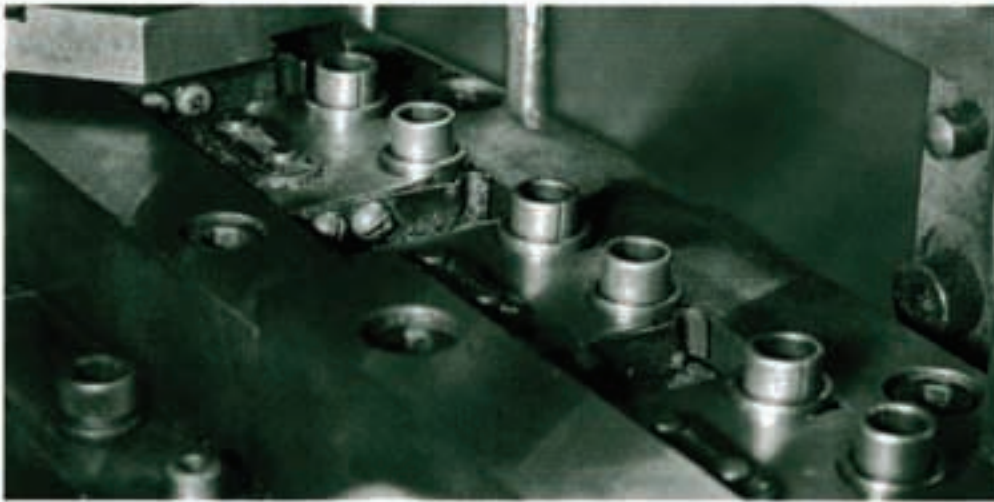
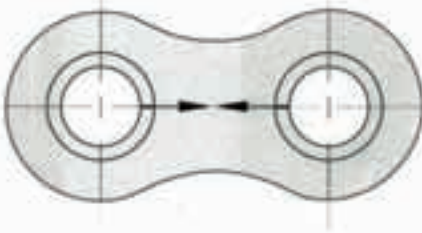
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PRECISION CHAIN TECHNOLOGY

Tritan is one of China's most technologically advanced chain manufacturers. With advanced manufacturing utilizing CNC machinery, specialized heat treatment and testing, Tritan Chain can provide quality that was once only available from Japan or Europe.

Tritan Chain is produced to conform with ANSI B29.1, DIN8196 and JIS1801. As well, the factories have received approval from the American Petroleum Institute.





■ **Seam oriented bushings**

Bushing adopted from positioning assembling can improve wear resistance of the chain.



▲ Common link plate contours



▲ Wide-waist link plate contours

■ **Design of link plate waist**

Increase in width of waist for combating fatigue



■ **Ball drift**

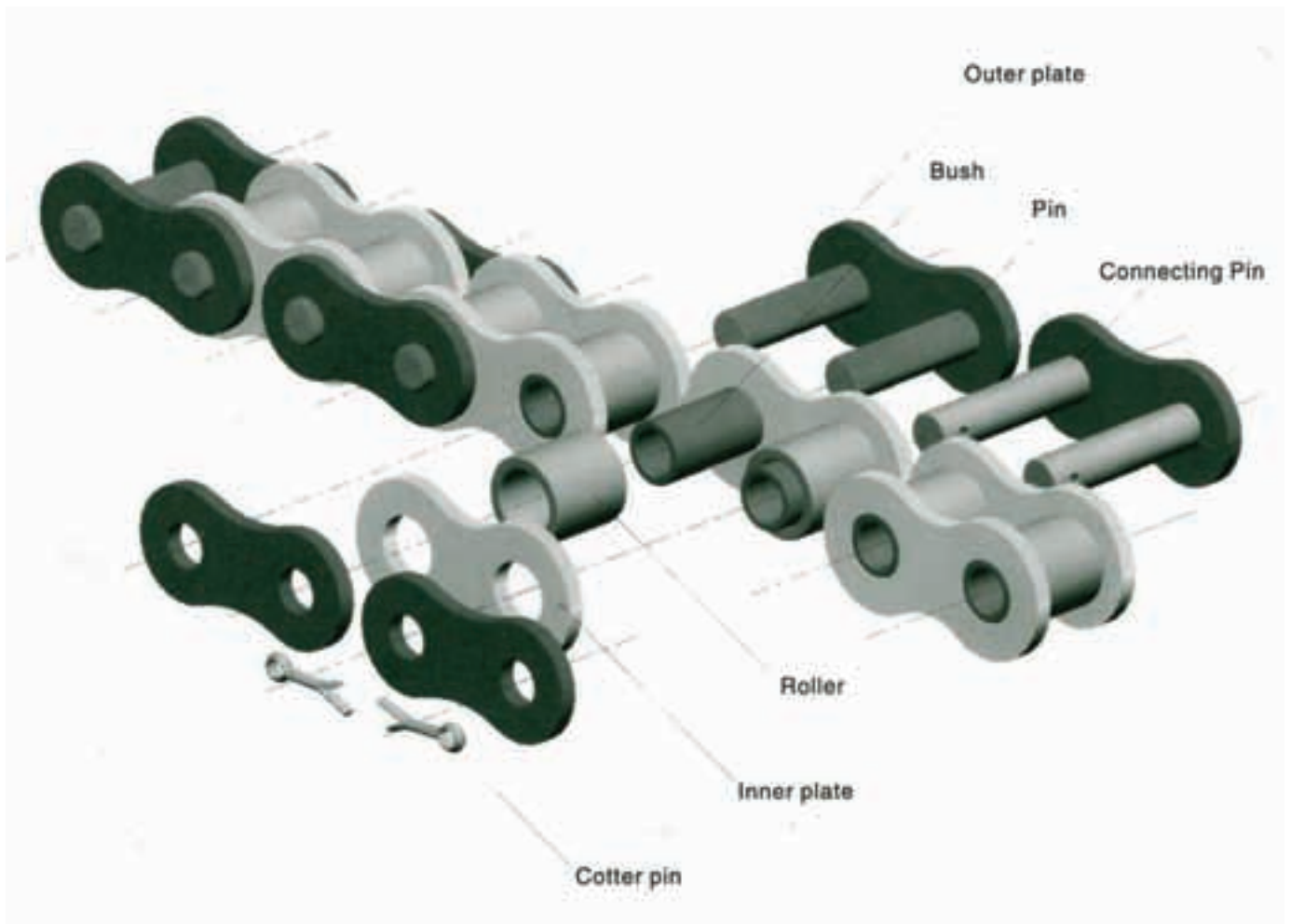
The plate holes are finally ball-burnished to assure maximum resistance to fatigue failure.

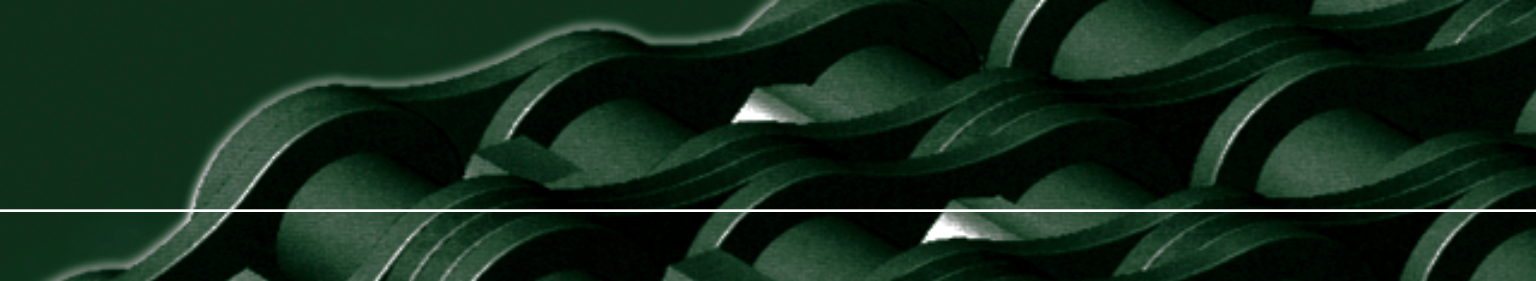


■ **Shot peened parts**

Link plates and rollers are shot peened for greater fatigue strength.

ROLLER CHAIN STRUCTURE





PACKAGING

Tritan chain is supplied in 10ft lengths in rust prohibitive boxes or 100ft reels (50 ft for 80 pitch and higher) Custom lengths can be supplied upon request.

CONNECTING LINKS

Connecting links are supplied standard with Tritan Chain. Additional Spring, Cottered, or Off-Set connecting links are available upon request. In normal applications an odd number length of links will require a spring or cottered connecting link. For lengths with even number of links Off-Set Connecting Links should be used to convert links from an even number of links to an odd number of links.

MATERIALS AND TEMPERATURE LIMITATIONS

Tritan Precision Roller Chain is constructed of high quality, heat treated carbon steel; and can be used at temperatures between 0°f and 350°f. As well, it can be used at higher temperatures up to 500°f, however capacity decreases as temperature rises over 350°f. At 500°f, capacity is approx. 50% of normal.

Stainless Steel Precision Roller Chain is constructed of high quality 304 grade stainless steel and provides an excellent solution for corrosive environments. As well, Stainless Steel Precision Roller Chain can be used at temperatures below 0°f and above 500°f. Stainless steel 316 available upon request.

Tritan Precision Roller Chain is also available in Nickel Plated and Dacromet Coated. This chain is ideal for washdown and humid environments.

STRUCTURAL DIMENSIONS

Tritan Precision Roller Chain is made in compliance with ANSI B29.1 standards. The dimensions of roller chain components are produced in direct relation to pitch of the chain as follows;

Roller Diameter	Pin Diameter	Plate Diameter
.625" x Pitch	.3125" x Pitch	.125" x Pitch

For example for 40 Chain; (1/2 inch pitch)

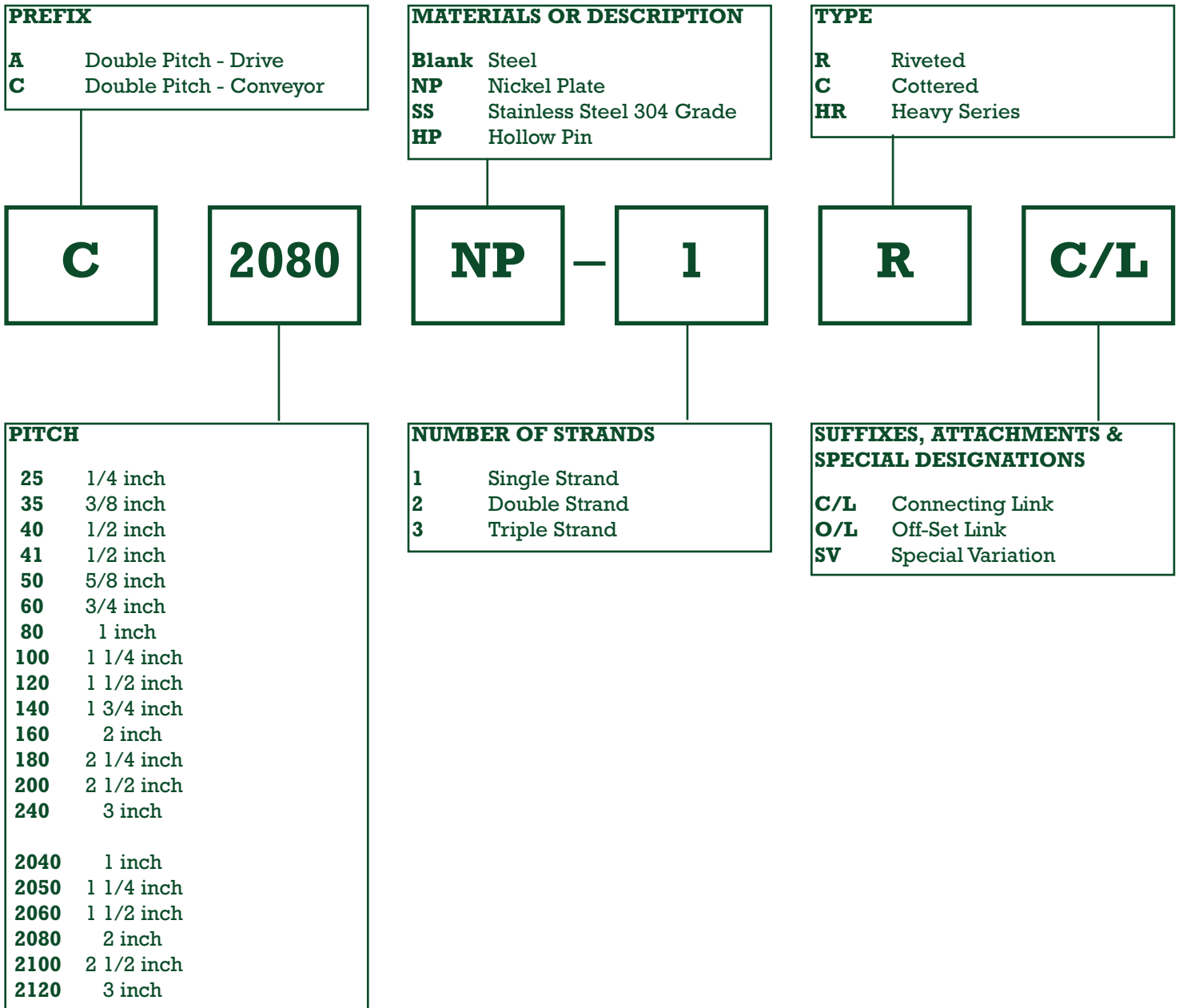
Pitch	Roller Diameter	Pin Diameter	Plate Thickness
.50"	.50" x .625" .3125"	.50"x .3125" .15625"	.50" x .125" .0625

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PRECISION POWER TRANSMISSION COMPONENTS

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INCH ROLLER CHAIN



METRIC ROLLER CHAIN

PITCH			
04B	6mm	16B	25.4mm
05B	8mm	20B	31.75mm
06B	9.525mm	24B	38.1mm
08B	12.7mm	28B	44.45mm
10B	15.88mm	32B	50.8mm
12B	19.05mm	40B	63.5mm

MATERIALS OR DESCRIPTION	
Blank	Steel
NP	Nickel Plate
SS	Stainless Steel 304 Grade
HP	Hollow Pin

NUMBER OF STRANDS	
1	Single Strand
2	Double Strand
3	Triple Strand

SUFFIXES, ATTACHMENTS & SPECIAL DESIGNATIONS	
C/L	Connecting Link
O/L	Off-Set Link
SV	Special Variation

05B	—	1
------------	---	----------

SS	—	C/L
-----------	---	------------

LEAF CHAIN

SERIES	
AL	
BL	

PLATE LACING	
22	2 x 2
44	4 x 4
66	6 x 6
88	8 x 8

AL	—	4
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PITCH (in 1/8ths)			
2	1/4 inch	10	1 1/4 inch
3	3/8 inch	12	1 1/2 inch
4	1/2 inch	14	1 3/4 inch
5	5/8 inch	16	2 inch
6	3/4 inch	20	2 1/2 inch
8	1 inch		

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PRECISION POWER TRANSMISSION COMPONENTS

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ROLLER CHAIN

ABBREVIATIONS

AL	LEAF CHAIN
BL	LEAF CHAIN
C	COTTERED
C/L or CL	CONNECTING LINK
HP	HOLLOW PIN
HR	HEAVY SERIES CHAIN
MM	METRIC
NP	NICKEL PLATE
O/L or OSL	OFFSET LINK
R	RIVETED
SS	STAINLESS

TRITAN CHAIN

CHAIN	PITCH
25	1/4
35	3/8
40	1/2
41	1/2
50	5/8
60	3/4
80	1
100	1 1/4
120	1 1/2
140	1 3/4
160	2
180	2 1/4
200	2 1/2
240	3

CHAIN PARTS

ROLLER DIA.	5/8 X PITCH
PIN DIA.	5/16 X PITCH
PLATE THICKNESS	1/8 X PITCH

CHAIN WEIGHT PER FT.

25 PITCH	.094	100 PITCH 2.68	2040 PITCH .26
35 PITCH	.22	120 PITCH 3.98	2050 PITCH .42
41 PITCH	.27	140 PITCH 5.03	2060 PITCH .63
40 PITCH	.43	160 PITCH 6.79	2080 PITCH 1.03
50 PITCH	.70	180 PITCH 9.04	2100 PITCH 2.38
60 PITCH	1.03	200 PITCH 11.08	2120 PITCH 3.41
80 PITCH	1.79	240 PITCH 16.46	2160 PITCH 6.02

TRITAN IN LENGTHS

ODD NUMBER OF LINKS USES A CONNECTING LINK
EVEN NUMBER OF LINKS USES AN OFFSET LINK

PITCHES PER 10FT. BOX

25R	480	100R	96	2040	120
35R	320	120R	80	2050	96
41R	240	140R	68	2060	80
40R	240	160R	60	2080	60
50R	192	180R	54	2100	48
60R	160	200R	48	2120	40
80R	120	240R	40	2160	30

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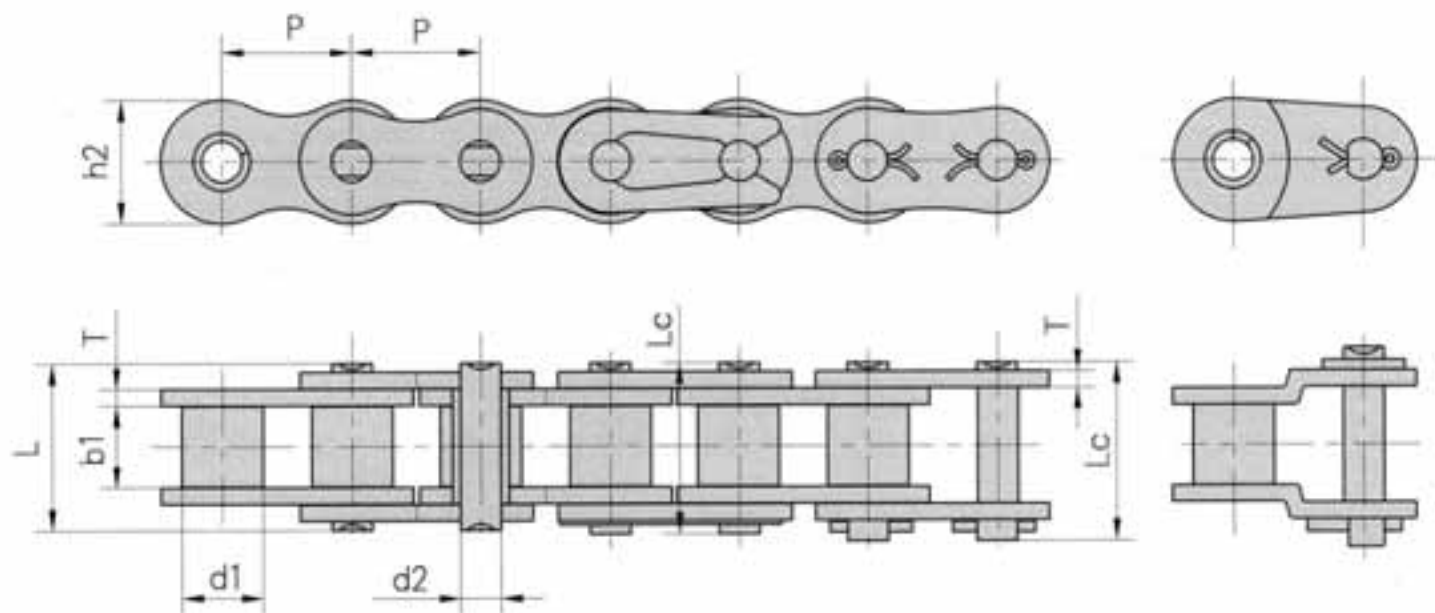
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ROLLER CHAINS

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PRECISION ROLLER CHAIN

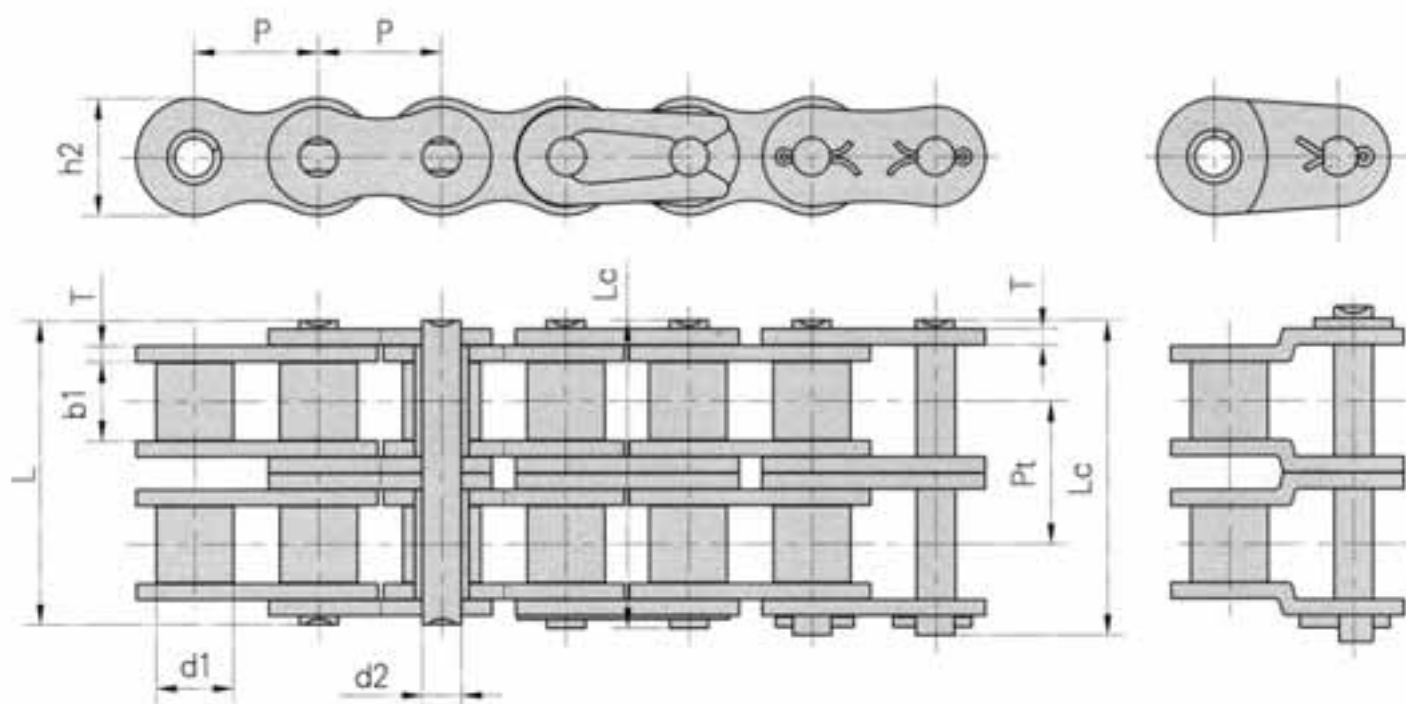
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PRECISION SINGLE STRAND ROLLER CHAIN



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1	b1	d2	L	Lc	h2	T	Q	Qo	q
	inch	max inch	min inch	max inch	max inch	max inch	max inch	max inch	min lb	lb	lb/ft
25-1R	0.250	0.130	0.125	0.091	0.311	0.331	0.236	0.031	787	1034	0.101
35-1R	0.375	0.200	0.188	0.141	0.488	0.519	0.236	0.051	1776	2428	0.222
41-1R	0.500	0.306	0.246	0.141	0.541	0.591	0.354	0.051	1499	2833	0.276
40-1R	0.500	0.313	0.309	0.156	0.654	0.701	0.390	0.059	3170	3934	0.417
50-1R	0.625	0.400	0.370	0.200	0.815	0.874	0.472	0.080	4991	6609	0.685
60-1R	0.750	0.469	0.495	0.234	1.020	1.091	0.594	0.095	7149	9330	1.008
80-1R	1.000	0.625	0.620	0.312	1.287	1.378	0.709	0.128	12747	15602	1.747
100-1R	1.250	0.750	0.744	0.375	1.591	1.760	0.945	0.157	19896	24549	2.627
120-1R	1.500	0.875	0.993	0.437	1.980	2.138	1.181	0.189	28551	35138	3.777
140-1R	1.750	1.000	0.993	0.500	2.142	2.323	1.406	0.220	38757	47660	5.040
160-1R	2.000	1.125	1.242	0.562	2.551	2.740	1.614	0.252	50987	62700	6.787
180-1R	2.250	1.406	1.397	0.687	2.866	3.094	1.882	0.283	62992	76840	9.038
200-1R	2.500	1.562	1.490	0.781	3.161	3.433	2.110	0.315	79538	97028	10.852
240-1R	3.000	1.875	1.864	0.937	3.760	4.055	2.362	0.374	114721	139944	15.590

PRECISION DOUBLE STRAND ROLLER CHAIN



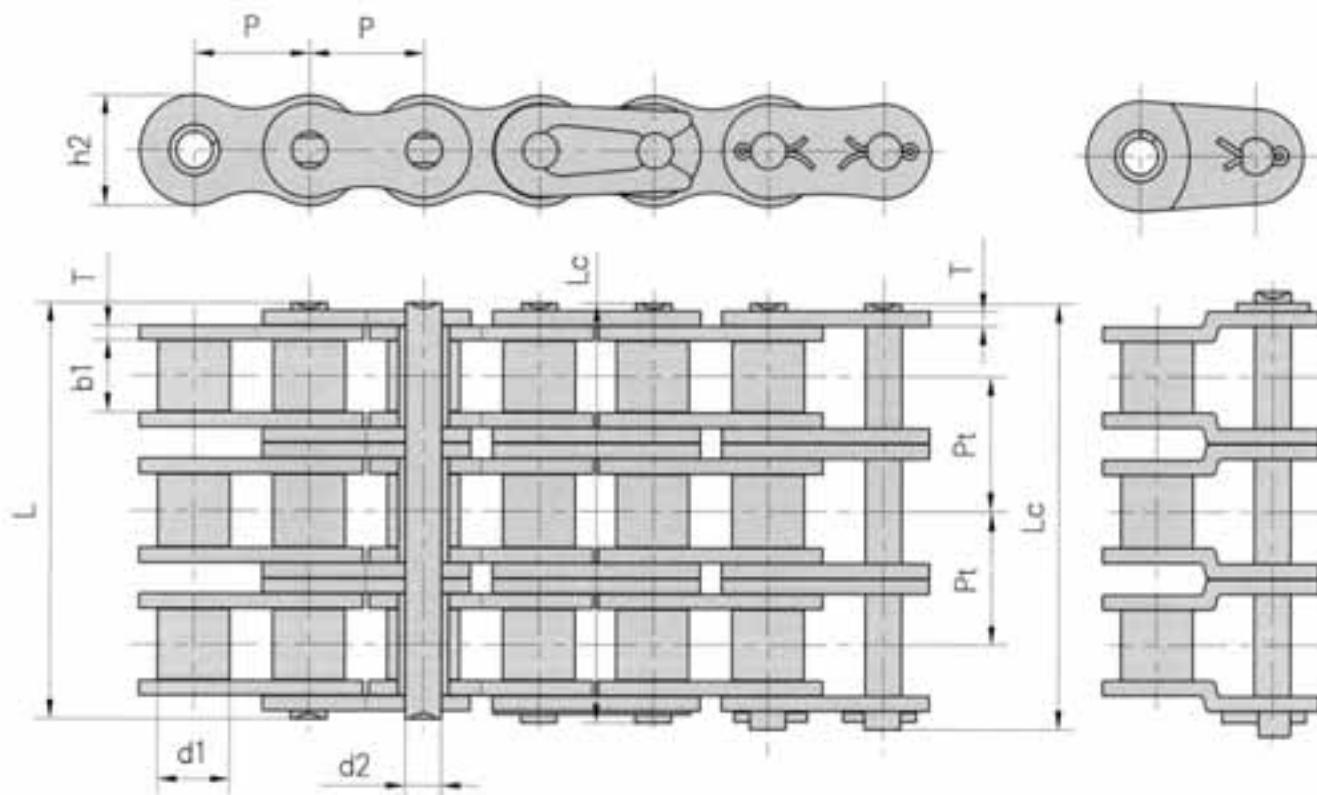
ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	TRANS- VERSE PITCH	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 max	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Qo min	q
	inch	inch	inch	inch	inch	inch	inch	inch	inch	lb.	lb.	lb./ft
25-2R	0.250	0.130	0.125	0.091	0.57	0.59	0.236	0.031	0.252	1574	1933	0.188
35-2R	0.375	0.200	0.188	0.141	0.89	0.92	0.236	0.051	0.399	3552	4429	0.423
41-2R	0.500	0.306	0.246	0.141	1.01	1.06	0.354	0.051	0.470	2999	3799	0.544
40-2R	0.500	0.313	0.309	0.156	1.22	1.27	0.390	0.059	0.566	6340	8071	0.753
50-2R	0.625	0.400	0.370	0.200	1.53	1.59	0.472	0.080	0.713	9982	13061	1.344
60-2R	0.750	0.469	0.495	0.234	1.92	1.99	0.594	0.095	0.897	14298	18457	1.962
80-2R	1.000	0.625	0.620	0.312	2.47	2.53	0.709	0.128	1.153	25493	31878	3.461
100-2R	1.250	0.750	0.744	0.375	3.01	3.17	0.945	0.157	1.408	39791	49323	5.241
120-2R	1.500	0.875	0.993	0.437	3.77	3.93	1.181	0.189	1.789	57102	70793	7.862
140-2R	1.750	1.000	0.993	0.500	4.07	4.25	1.406	0.220	1.924	77514	96106	10.174
160-2R	2.000	1.125	1.242	0.562	4.85	5.04	1.614	0.252	2.305	101974	126433	13.534
180-2R	2.250	1.406	1.397	0.687	5.46	5.69	1.882	0.283	2.592	126006	156243	19.635
200-2R	2.500	1.562	1.490	0.781	5.98	6.25	2.110	0.315	2.817	159076	197248	21.665
240-2R	3.000	1.875	1.864	0.937	7.22	7.51	2.362	0.374	3.458	229441	282204	30.393

TRITAN

PRECISION ROLLER CHAIN

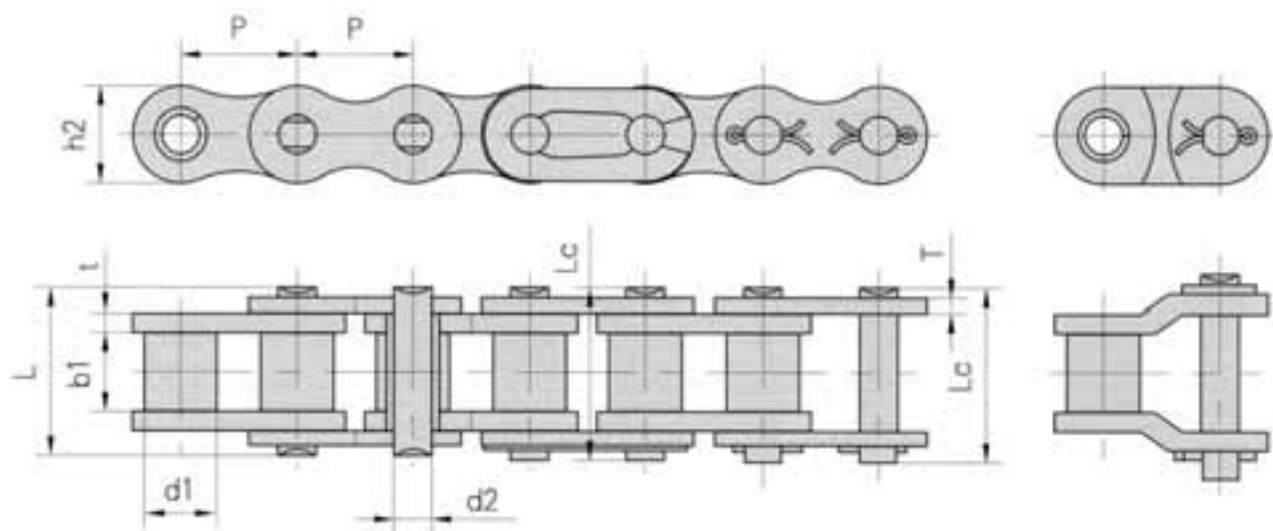
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PRECISION TRIPLE STRAND ROLLER CHAIN



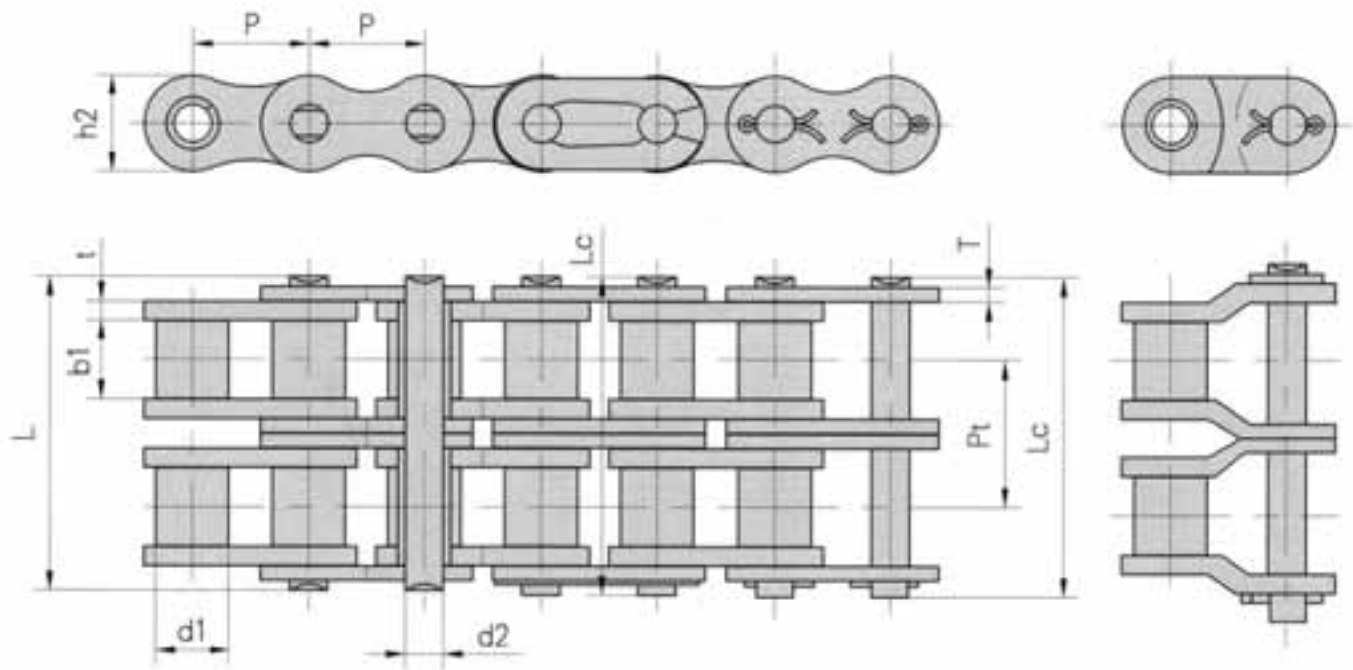
ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	TRANS- VERSE PITCH	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 max	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Qo min	q
	inch	inch	inch	inch	inch	inch	inch	inch	inch	lb.	lb.	lb./ft
25-3R	0.250	0.130	0.125	0.091	0.83	0.85	0.236	0.031	0.252	2361	2833	0.296
35-3R	0.375	0.200	0.188	0.141	1.29	1.32	0.354	0.051	0.399	5328	6430	0.706
40-3R	0.500	0.313	0.309	0.156	1.79	1.83	0.472	0.059	0.566	9509	11241	1.277
50-3R	0.625	0.400	0.370	0.200	2.24	2.30	0.594	0.080	0.713	14972	17490	2.076
60-3R	0.750	0.469	0.495	0.234	2.81	2.89	0.709	0.095	0.897	21447	24976	3.051
80-3R	1.000	0.625	0.620	0.312	3.61	3.69	0.945	0.128	1.153	38240	44602	5.302
100-3R	1.250	0.750	0.744	0.375	4.42	4.57	1.181	0.157	1.408	59687	69601	7.909
120-3R	1.500	0.875	0.993	0.437	5.57	5.72	1.406	0.189	1.789	85653	98287	11.780
140-3R	1.750	1.000	0.993	0.500	5.99	6.17	1.614	0.220	1.924	116272	133380	14.918
160-3R	2.000	1.125	1.242	0.562	7.16	7.35	1.882	0.252	2.305	152961	175487	20.173
180-3R	2.250	1.406	1.397	0.687	8.05	8.28	2.110	0.283	2.592	188998	221123	25.683
200-3R	2.500	1.562	1.490	0.781	8.80	9.07	2.362	0.315	2.817	238613	273774	32.947
240-3R	3.000	1.875	1.864	0.937	10.68	10.97	2.850	0.374	3.458	344162	394879	48.114

PRECISION SINGLE STRAND ROLLER METRIC CHAIN



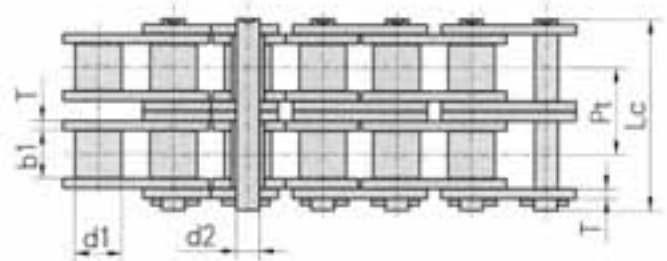
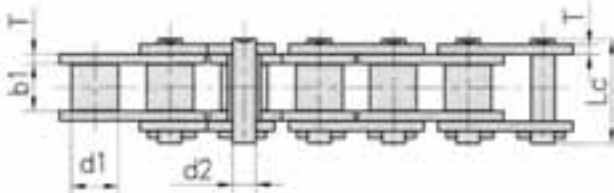
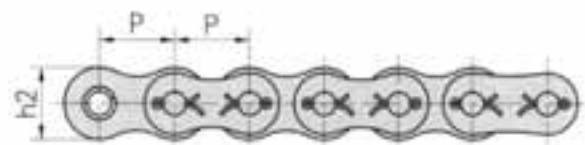
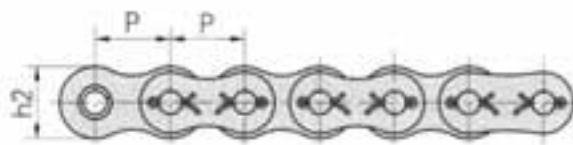
BS/ISO CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1	b1	d2	L	Lc	h2	t/T	Q	Qo	q
	mm	max mm	min mm	max mm	max mm	max mm	max mm	max mm	min kN	kN	kg/m
04B-1R	6.000	4.000	2.800	1.850	6.800	7.800	5.00	0.600	3.000	3.200	0.110
05B-1R	8.000	5.000	3.000	2.310	8.200	8.900	7.10	0.800	5.000	5.900	0.200
06B-1R	9.525	6.350	5.720	3.280	13.150	14.100	8.20	1.300	9.000	10.400	0.410
08B-1R	12.700	8.510	7.750	4.450	16.700	18.200	11.80	1.600	18.000	19.400	0.690
10B-1R	15.875	10.160	9.650	5.080	19.500	20.900	14.70	1.700	22.400	27.500	0.930
12B-1R	19.050	12.070	11.680	5.720	22.500	24.200	16.00	1.850	29.000	32.200	1.150
16B-1R	25.400	15.880	17.020	8.280	36.100	37.400	21.00	4.14/3.1	60.000	72.800	2.710
20B-1R	31.750	19.050	19.560	10.190	41.300	45.000	26.40	4.5/3.5	95.000	106.700	3.700
24B-1R	38.100	25.400	25.400	14.630	53.400	57.800	33.20	6.0/4.8	160.000	178.000	7.100
28B-1R	44.450	27.940	30.990	15.900	65.100	69.500	36.70	7.5/6.0	200.000	222.000	8.500
32B-1R	50.800	29.210	30.990	17.810	66.000	71.000	42.00	7.0/6.0	250.000	277.500	10.250
40B-1R	63.500	39.370	38.100	22.890	82.200	89.200	52.96	8.5/8.0	355.000	394.000	16.350
48B-1R	76.200	48.260	45.720	29.240	99.100	107.000	63.80	12.0/10.0	560.000	621.600	25.000
56B-1R	88.900	53.980	53.340	34.320	114.600	123.000	77.80	13.5/12.0	850.000	940.000	35.780
64B-1R	101.600	63.500	60.960	39.400	130.000	138.500	90.170	15.0/13.0	1132.000	1240.000	46.000
72B-1R	114.300	72.390	68.580	44.480	147.400	156.400	103.600	17.0/15.0	1400.000	1550.000	60.800

PRECISION ROLLER METRIC DOUBLE STRAND CHAIN



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	TRANS- VERSE PITCH	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 max	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Qo min	q
	mm	mm	mm	mm	mm		mm	mm	mm	kN	kN	kg/m
05B-2R	8.000	5.000	3.000	2.310	13.9	14.5	7.100	0.800	5.640	7.800	10.200	0.330
06B-2R	9.525	6.350	5.720	3.280	23.4	24.4	8.200	1.300	10.240	16.900	18.700	0.770
08B-2R	12.700	8.510	7.750	4.450	31.2	32.2	11.800	1.600	13.920	32.000	38.700	1.340
10B-2R	15.875	10.160	9.650	5.080	36.1	37.5	14.700	1.700	16.590	44.500	56.200	1.840
12B-2R	19.050	12.070	11.680	5.720	42	43.6	16.000	1.850	19.460	57.800	66.100	2.310
16B-2R	25.400	15.880	17.020	8.280	68	69.3	21.000	4.15/3.1	31.880	106.000	133.000	5.420
20B-2R	31.750	19.050	19.560	10.190	77.8	81.5	26.400	4.4/3.5	36.450	170.000	211.200	7.200
24B-2R	38.100	25.400	25.400	14.630	101.7	106.2	33.200	6.0/4.8	48.360	280.000	319.200	13.400
28B-2R	44.450	27.940	30.990	15.900	124.6	129.1	36.700	7.5/6.0	59.560	360.000	406.800	16.600
32B-2R	50.800	29.210	30.990	17.810	124.6	129.6	42.000	7.0/6.0	58.550	450.000	508.500	21.000
40B-2R	63.500	39.370	38.100	22.890	154.5	161.5	52.960	8.5/8.0	72.290	630.000	711.900	32.000
48B-2R	76.200	48.260	45.720	29.240	190.4	198.2	63.800	12.0/10.0	91.210	1000.000	1130.000	50.000
56B-2R	88.900	53.980	53.340	34.320	221.2	229.6	77.800	13.5/12.0	106.600	1600.000	1760.000	71.480
64B-2R	101.600	63.500	60.960	39.400	249.9	258.4	90.170	15.0/13.0	119.890	2000.000	2200.000	91.000
72B-2R	114.300	72.390	68.580	44.480	283.7	292.7	103.6	17.0/15.0	136.270	2500.000	2750.000	120.400

PRECISION ROLLER COTTERED SINGLE STRAND AND DOUBLE STRAND CHAIN



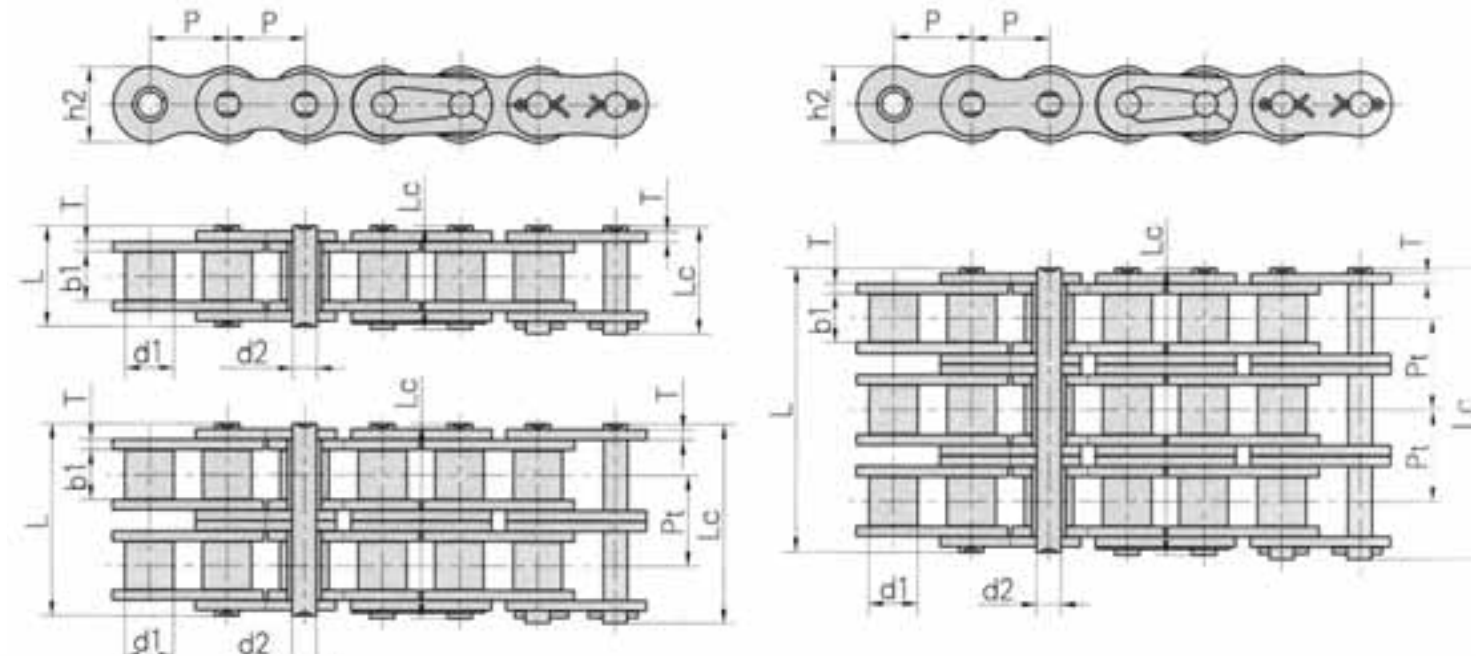
ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	TRANS VERSE PITCH	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1	b1	d2	L	Lc	h2	T	Pt	Q	Qo	q
	inch	max	min	max	max	max	max	max	inch	lb	lb	lb/ft
50-1C	0.625	0.400	0.370	0.200		0.917	0.59	0.060		4990.782	6609.414	0.685
60-1C	0.750	0.469	0.495	0.234		1.114	0.71	0.095		7148.958	9329.615	1.008
80-1C	1.000	0.625	0.620	0.312		1.437	0.94	0.128		12746.727	15601.814	1.747
100-1C	1.250	0.750	0.744	0.375		1.760	1.18	0.157		19895.685	24549.252	2.627
120-1C	1.500	0.875	0.993	0.437		2.138	1.41	0.189		28550.670	35137.803	3.777
140-1C	1.750	1.000	0.993	0.500		2.323	1.61	0.220		38757.244	47659.720	5.040
160-1C	2.000	1.125	1.242	0.562		2.740	1.88	0.252		50966.908	62699.509	6.787
180-1C	2.250	1.406	1.397	0.687		3.094	2.11	0.283		62991.762	76840.058	9.038
200-1C	2.500	1.562	1.490	0.781		3.433	2.36	0.315		79537.778	97027.996	10.852
240-1C	3.000	1.875	1.864	0.937		4.055	2.85	0.374		114720.543	139944.225	15.590
50-2C	0.625	0.400	0.370	0.200		1.622	0.59	0.060	0.713	9981.564	13061.461	1.344
60-2C	0.750	0.469	0.495	0.234		2.012	0.71	0.095	0.897	14297.916	18456.901	1.962
80-2C	1.000	0.625	0.620	0.312		2.591	0.94	0.128	1.153	25493.454	31878.058	3.461
100-2C	1.250	0.750	0.744	0.375		3.169	1.18	0.157	1.408	39791.370	49323.314	5.241
120-2C	1.500	0.875	0.993	0.437		3.925	1.41	0.189	1.789	57101.740	70792.669	7.862
140-2C	1.750	1.000	0.993	0.500		4.248	1.61	0.220	1.924	77514.488	96106.275	10.174
160-2C	2.000	1.125	1.242	0.562		5.043	1.88	0.252	2.305	101973.816	126433.144	13.534
180-2C	2.250	1.406	1.397	0.687		5.685	2.11	0.283	2.592	126006.005	156242.950	19.635
200-2C	2.500	1.562	1.490	0.781		6.252	2.36	0.315	2.817	159075.556	197248.294	21.665
240-2C	3.000	1.875	1.864	0.937		7.512	2.85	0.374	3.458	229441.086	282203.993	30.393

TRITAN

PRECISION ROLLER CHAIN

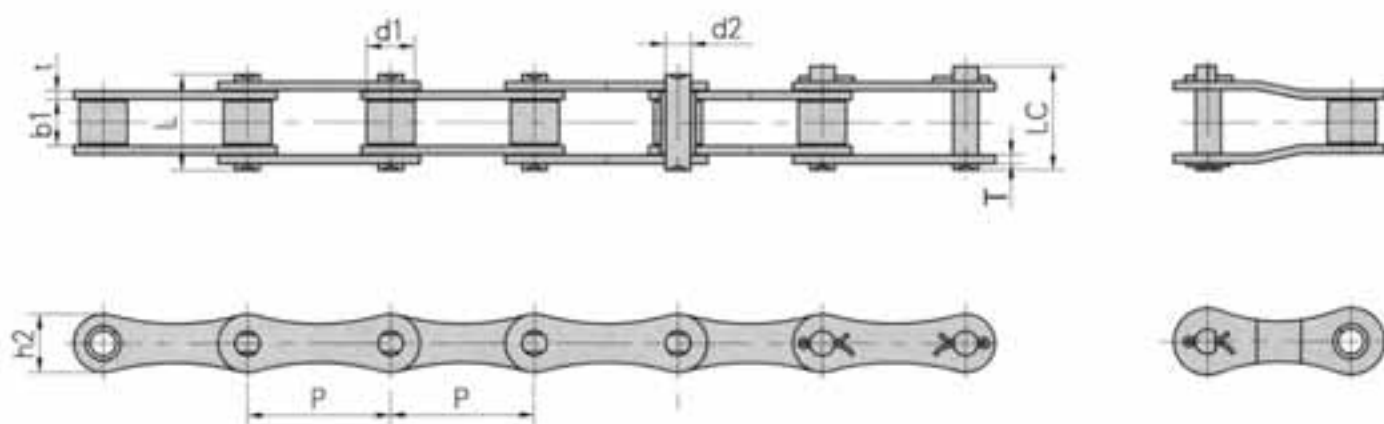
YOUR LINK TO QUALITY.

PRECISION ROLLER HEAVY SERIES CHAIN



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	TRANS- VERSE PITCH	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1	b1	d2	L	Lc	h2	T	Pt	Q	Qo	q
	inch	max inch	min inch	max inch	max inch	max inch	max inch	max inch	inch	lb min	lb	lb/ft
35-1HR	0.375	0.200	0.188	0.141	0.524	0.563	0.35	0.06		1776	2428	0.276
40-1HR	0.500	0.313	0.309	0.156	0.740	0.783	0.47	0.08		3170	4294	0.551
50-1HR	0.625	0.400	0.370	0.200	0.870	0.921	0.59	0.10		4991	6789	0.840
60-1HR	0.750	0.489	0.495	0.234	1.150	1.220	0.71	0.13		7149	9599	1.257
80-1HR	1.000	0.625	0.620	0.312	1.425	1.484	0.94	0.16		12747	16051	2.083
100-1HR	1.250	0.750	0.744	0.375	1.717	1.846	1.18	0.19		19896	25269	3.037
120-1HR	1.500	0.875	0.993	0.437	2.106	2.264	1.41	0.22		28551	36172	4.435
140-1HR	1.750	1.000	0.993	0.500	2.268	2.449	1.61	0.25		38757	48851	5.577
160-1HR	2.000	1.125	1.242	0.562	2.685	2.874	1.88	0.28		50987	64251	6.921
180-1HR	2.250	1.406	1.397	0.687	2.988	3.213	2.11	0.31		63172	78840	9.965
200-1HR	2.500	1.562	1.490	0.781	3.409	3.681	2.36	0.37		79538	99928	12.875
240-1HR	3.000	1.875	1.864	0.937	4.315	4.563	2.85	0.50		114721	139944	20.428
60-2HR	0.75	0.489	0.495	0.234	2.177	2.248	0.71	0.128	1.028	14298	18996	2.493
80-2HR	1.00	0.625	0.620	0.312	2.709	2.768	0.94	0.157	1.283	25493	32665	4.133
100-2HR	1.25	0.750	0.744	0.375	3.256	3.386	1.181	0.189	1.539	39791	50785	6.068
120-2HR	1.50	0.875	0.993	0.437	4.031	4.189	1.406	0.220	1.924	57102	72546	8.823
140-2HR	1.75	1.000	0.993	0.500	4.323	4.504	1.614	0.252	2.055	77514	98399	11.155
160-2HR	2.00	1.125	1.242	0.562	5.122	5.311	1.882	0.283	2.437	101974	128501	13.574
200-2HR	2.50	1.562	1.490	0.781	6.492	6.764	2.362	0.374	3.083	159076	201182	25.609
60-3HR	0.75	0.489	0.495	0.234	3.205	3.276	0.709	0.128	1.028	21447	25606	3.723
80-3HR	1.00	0.625	0.620	0.312	3.992	4.051	0.945	0.157	1.283	38240	45749	6.330
100-3HR	1.25	0.750	0.744	0.375	4.795	4.925	1.181	0.189	1.539	59687	70770	8.709
120-3HR	1.50	0.875	0.993	0.437	5.953	6.110	1.406	0.220	1.924	85653	99973	13.198
140-3HR	1.75	1.000	0.993	0.500	6.378	6.559	1.614	0.252	2.055	116272	134528	16.732
160-3HR	2.00	1.125	1.242	0.562	7.559	7.748	1.882	0.283	2.437	152961	176993	20.226
200-3HR	2.50	1.562	1.490	0.781	9.575	9.846	2.362	0.374	3.083	238613	276112	38.343

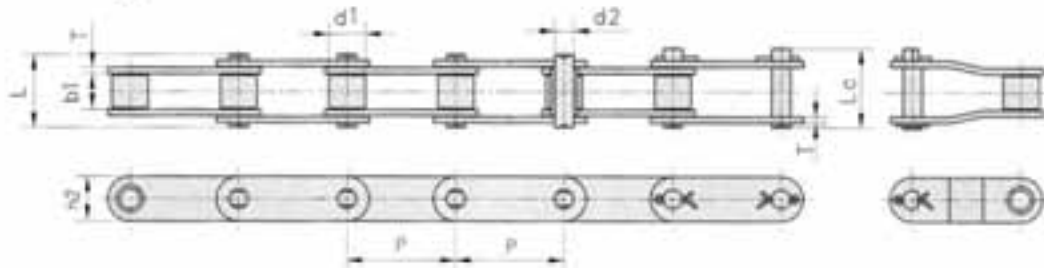
PRECISION ROLLER DOUBLE PITCH CHAIN



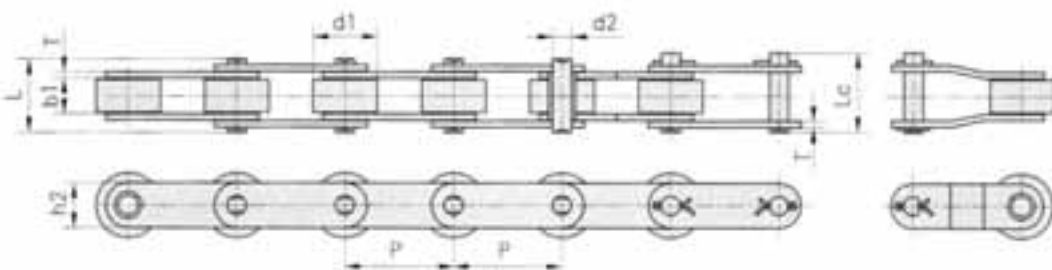
ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1	b1	d2	L	Lc	h2	T	Q	Qo	q
	inch	max	min	max	max	max	max	max	min	lb	lb/ft
2040	1.000	0.313	0.309	0.156	0.654	0.701	0.47	0.059	3170	3754	0.282
2050	1.250	0.400	0.370	0.200	0.815	0.874	0.59	0.080	4991	6317	0.491
2060	1.500	0.469	0.495	0.234	1.020	1.091	0.71	0.095	7149	8273	0.685
2080	2.000	0.625	0.620	0.312	1.287	1.437	0.94	0.128	12747	14770	1.142
2080H	2.000	0.625	0.620	0.312	1.425	1.551	0.94	0.157	12747	15737	1.458
2100	2.500	0.750	0.744	0.375	1.591	1.760	1.18	0.157	19896	23987	1.714
2120	3.000	0.875	0.993	0.437	1.980	2.138	1.41	0.189	28551	40016	2.728

PRECISION ROLLER DOUBLE PITCH CONVEYOR CHAIN

Small Roller Type

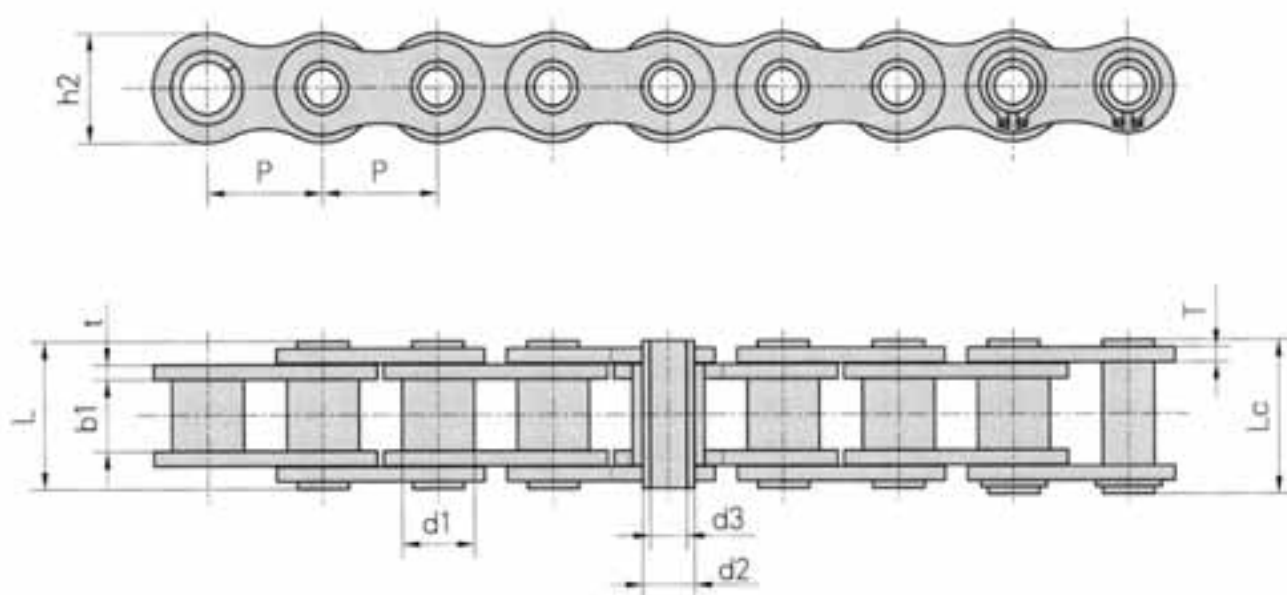


Large Roller Type



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Qo	q
	inch	inch	inch	inch	inch	inch	inch	inch	lb	lb	lb/ft
C2040	1.00	0.313	0.309	0.156	0.654	0.701	0.47	0.059	3170	3754	0.336
C2042	1.00	0.625	0.309	0.156	0.654	0.701	0.47	0.059	3170	3754	0.564
C2040H	1.00	0.313	0.309	0.156	0.740	0.783	0.47	0.080	3170	3867	0.437
C2050	1.25	0.400	0.370	0.200	0.815	0.874	0.59	0.080	4991	6317	0.524
C2052	1.25	0.750	0.370	0.200	0.815	0.874	0.59	0.080	4991	6317	0.853
C2060	1.50	0.469	0.495	0.234	1.020	1.091	0.71	0.095	7149	8273	0.753
C2062	1.50	0.875	0.495	0.234	1.020	1.091	0.71	0.095	7149	8273	1.082
C2060H	1.50	0.469	0.495	0.234	1.150	1.244	0.71	0.128	7149	9352	0.968
C2062H	1.50	0.875	0.495	0.234	1.150	1.244	0.71	0.128	7149	9352	1.391
C2080	2.00	0.625	0.620	0.312	1.287	1.437	0.94	0.128	12747	14770	1.398
C2082	2.00	1.125	0.620	0.312	1.287	1.437	0.94	0.128	12747	14770	2.097
C2080H	2.00	0.625	0.620	0.312	1.425	1.551	0.94	0.157	12747	15737	1.707
C2082H	2.00	1.125	0.620	0.312	1.425	1.551	0.94	0.157	12747	15737	2.406
C2100	2.50	0.750	0.744	0.375	1.591	1.760	1.18	0.157	19896	23066	2.023
C2102	2.50	1.562	0.744	0.375	1.591	1.760	1.18	0.157	19896	23066	3.246
C2100H	2.50	0.750	0.744	0.375	1.717	1.846	1.18	0.189	19896	25269	2.392
C2102H	2.50	1.562	0.744	0.375	1.717	1.846	1.18	0.189	19896	25269	3.615
C2120	3.00	0.875	0.993	0.437	1.980	2.138	1.406	0.189	28551	33115	3.091
C2122	3.00	1.750	0.993	0.437	1.980	2.138	1.406	0.189	28551	33115	5.107
C2120H	3.00	0.875	0.993	0.437	2.106	2.264	1.406	0.220	28551	36172	3.535
C2122H	3.00	1.750	0.993	0.437	2.106	2.264	1.406	0.220	28551	36172	5.551
C2160	4.00	1.125	1.250	0.562	2.551	2.740	1.882	0.252	50987	62700	5.477
C2162	4.00	2.250	1.250	0.562	2.551	2.740	1.882	0.252	50987	62700	8.736
C2160H	4.00	1.125	1.250	0.562	2.685	2.874	1.882	0.283	50987	64251	6.088
C2162H	4.00	2.250	1.250	0.562	2.685	2.874	1.882	0.283	50987	64251	8.581

PRECISION ROLLER HOLLOW PIN CHAIN



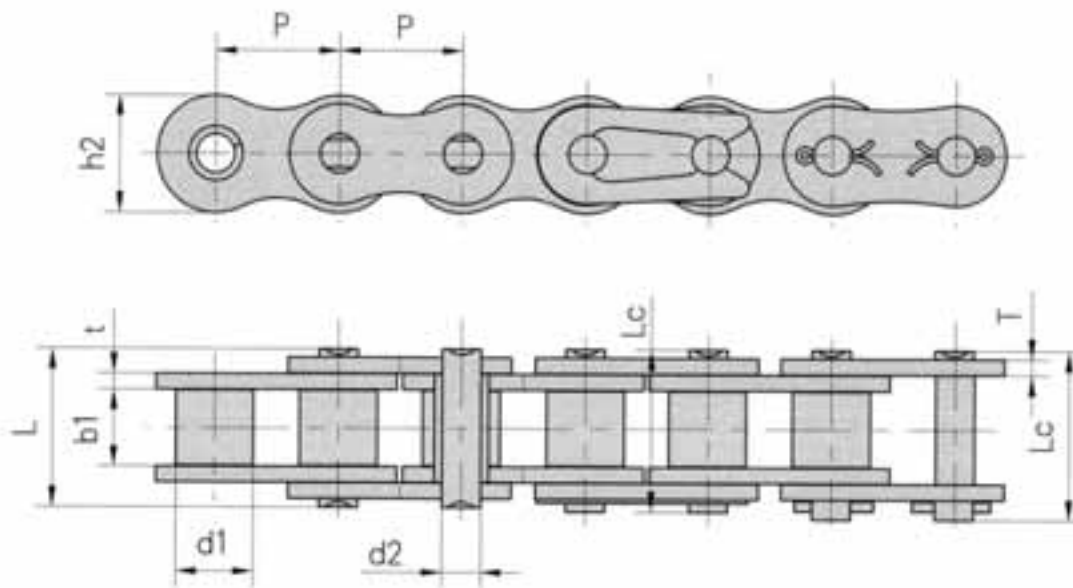
ANSI CHAIN NUMBER	PITCH	BUSHING DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.		PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 min	d2	d3	L	Lc	h2 max	T max	Q min	Qo	q
	inch	inch	inch	max inch		inch	inch	inch	inch	lb	lb	lb/ft
40-1HP	0.500	0.313	0.309	.220	.16	0.650	0.693	0.47	0.059	2473	2743	0.363
50-1HP	0.625	0.400	0.370	.280	.200	0.815	0.862	0.59	0.080	4496	5081	0.611
60-1HP	0.750	0.469	0.500	.330	.24	1.016	1.055	0.71	0.095	5395	6047	0.867
80-1HP	1.000	0.625	0.620	.450	.320	1.280	1.331	0.94	0.128	11241	11690	1.519

TRITAN

PRECISION ROLLER CHAIN

YOUR LINK TO QUALITY.

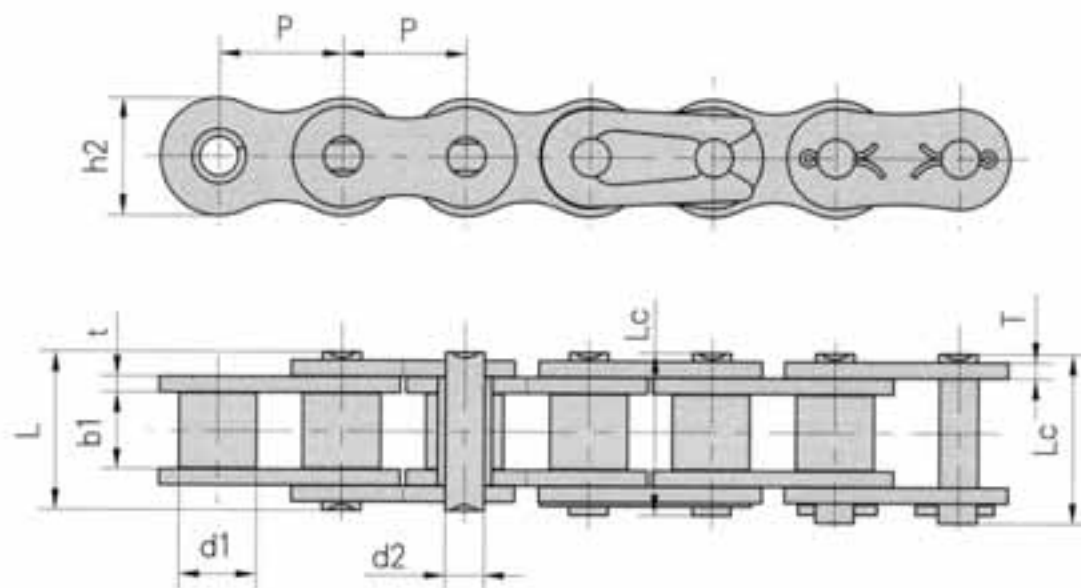
PRECISION ROLLER NICKEL PLATED CHAIN



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	BREAKING LOAD	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Qo	q
	inch	inch	inch	inch	inch	inch	inch	inch	lb	lb	lb/ft
25-1NP	0.250	0.130	0.125	0.091	0.311	0.331	0.24	0.031	787		0.101
35-1NP	0.375	0.200	0.188	0.141	0.488	0.519	0.35	0.051	1776		0.222
41-1NP	0.500	0.306	0.246	0.141	0.541	0.591	0.39	0.051	1499		0.276
40-1NP	0.500	0.313	0.309	0.156	0.654	0.701	0.47	0.059	3170		0.417
50-1NP	0.625	0.400	0.370	0.200	0.815	0.874	0.59	0.080	4991		0.685
60-1NP	0.750	0.469	0.490	0.234	1.020	1.091	0.71	0.095	7149		1.008
80-1NP	1.000	0.625	0.620	0.312	1.287	1.378	0.94	0.128	12747		1.747
100-1NP	1.250	0.750	0.744	0.375	1.591	1.760	1.18	0.157	19896		2.627
120-1NP	1.500	0.875	0.993	0.437	1.980	2.138	1.41	0.189	28551		3.777
140-1NP	1.750	1.000	0.993	0.500	2.142	2.323	1.61	0.220	38757		5.040
160-1NP	2.000	1.125	1.242	0.562	2.551	2.740	1.88	0.252	50987		6.787

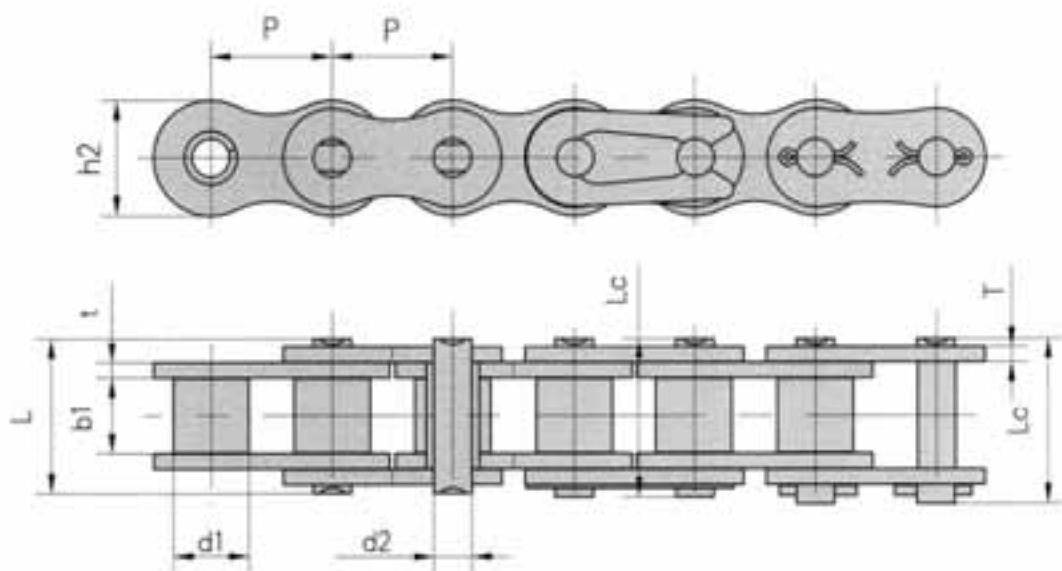
PRECISION ROLLER DACROMET PLATED CHAIN

(DACROMET PLATED CHAINS ARE RECOMMENDED FOR CORROSIVE CONDITIONS)



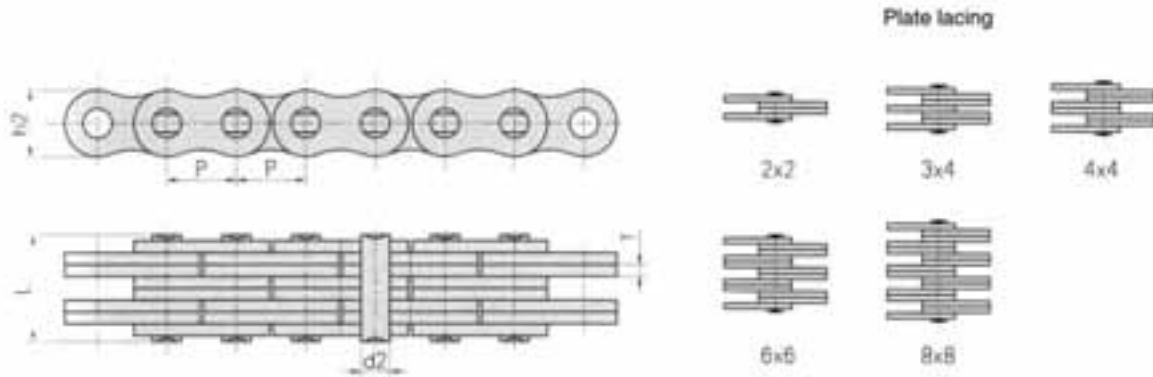
ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	BREAKING LOAD	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Qo	q
	inch	inch	inch	inch	inch	inch	inch	inch	lb	lb	lb/ft
25-1DR	0.250	0.130	0.125	0.091	0.311	0.331	0.24	0.031	787		0.101
35-1DR	0.375	0.200	0.188	0.141	0.488	0.519	0.35	0.051	1776		0.222
41-1DR	0.500	0.306	0.246	0.141	0.541	0.591	0.39	0.051	1499		0.276
40-1DR	0.500	0.313	0.309	0.156	0.654	0.701	0.47	0.059	3170		0.417
50-1DR	0.625	0.400	0.370	0.200	0.815	0.874	0.59	0.080	4991		0.685
60-1DR	0.750	0.469	0.490	0.234	1.020	1.091	0.71	0.095	7149		1.008
80-1DR	1.000	0.625	0.620	0.312	1.287	1.378	0.94	0.128	12747		1.747
100-1DR	1.250	0.750	0.744	0.375	1.591	1.760	1.18	0.157	19896		2.627
120-1DR	1.500	0.875	0.993	0.437	1.980	2.138	1.41	0.189	28551		3.777
140-1DR	1.750	1.000	0.993	0.500	2.142	2.323	1.61	0.220	38757		5.040
160-1DR	2.000	1.125	1.242	0.562	2.551	2.740	1.88	0.252	50987		6.787

PRECISION ROLLER STAINLESS STEEL CHAIN



ANSI CHAIN NUMBER	PITCH	ROLLER DIA.	WIDTH BETWEEN INNER PLATES	PIN DIA.	PIN LENGTH		INNER PLATE DEPTH	PLATE THICK- NESS	BREAKING LOAD	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Qo	q
	inch	inch	inch	inch	inch	inch	inch	inch	lb	lb	lb/ft
25-1SS	0.250	0.130	0.125	0.091	0.311	0.331	0.24	0.031	562.03		0.150
35-1SS	0.375	0.200	0.188	0.141	0.488	0.519	0.35	0.051	1236.46		0.230
40-1SS	0.500	0.313	0.309	0.156	0.654	0.701	0.47	0.059	2158.18		0.400
41-1SS	0.500	0.306	0.246	0.141	0.541	0.591	0.39	0.051	1348.86		0.310
50-1SS	0.625	0.400	0.370	0.200	0.815	0.874	0.59	0.080	3417.11		0.660
60-1SS	0.750	0.469	0.495	0.234	1.020	1.091	0.71	0.095	4878.38		0.980
80-1SS	1.000	0.625	0.620	0.312	1.287	1.378	0.94	0.128	8745.11		1.690
100-1SS	1.250	0.750	0.744	0.375	1.591	1.760	1.18	0.157	13488.60		2.630
120-1SS	1.500	0.875	0.993	0.437	1.980	2.138	1.41	0.189	16298.73		3.870
140-1SS	1.750	1.000	0.993	0.500	2.142	2.323	1.61	0.220	21132.14		5.180

LEAF CHAIN AL SERIES CHAIN



ANSI CHAIN NUMBER	PITCH	PLATE LACING	PLATE DEPTH	PIN DIA	PIN LENGTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P		h_2 max	d_2 max	L	T	Q min	Qo	q
	inch		inch	inch	inch	inch	lb	lb	lb/ft
AL322	0.375	2 X 2	0.303	0.141	0.268	0.051	2023	2293	0.15
AL344	0.375	4 X 4	0.303	0.141	0.457	0.051	4047	4496	0.31
AL422	0.500	2 X 2	0.409	0.156	0.327	0.059	3170	3799	0.26
AL444	0.500	4 X 4	0.409	0.156	0.567	0.059	6340	7913	0.50
AL466	0.500	6 X 6	0.409	0.156	0.807	0.059	9509	11847	0.76
AL522	0.625	2 X 2	0.504	0.200	0.435	0.080	4946	6182	0.43
AL534	0.625	3 X 4	0.504	0.200	0.669	0.080	7419	10341	0.74
AL544	0.625	4 X 4	0.504	0.200	0.764	0.080	9892	12365	0.84
AL566	0.625	6 X 6	0.504	0.200	1.083	0.080	14837	18547	1.20
AL622	0.750	2 X 2	0.614	0.234	0.512	0.095	8318	9982	0.58
AL644	0.750	4 X 4	0.614	0.234	0.894	0.095	14320	17715	1.18
AL666	0.750	6 X 6	0.614	0.234	1.268	0.095	22503	26662	1.75
AL688	0.750	8 X 8	0.614	0.234	1.661	0.095	29990	35205	2.35
AL822	1.000	2 X 2	0.807	0.312	0.630	0.128	12747	15422	1.03
AL844	1.000	4 X 4	0.807	0.312	1.157	0.128	25493	30484	2.02
AL866	1.000	6 X 6	0.807	0.312	1.740	0.128	38218	45479	3.00
AL1022	1.250	2 X 2	1.008	0.375	0.772	0.157	19896	24077	1.59
AL1044	1.250	4 X 4	1.008	0.375	1.433	0.157	39791	45771	3.14
AL1066	1.250	6 X 6	1.008	0.375	2.059	0.157	59575	70883	4.84
AL1088	1.250	8 X 8	1.008	0.375	2.697	0.157	79583	94690	6.68
AL1222	1.500	2 X 2	1.201	0.437	0.957	0.189	28551	33969	2.45
AL1244	1.500	4 X 4	1.201	0.437	1.724	0.189	55078	67376	4.74
AL1266	1.500	6 X 6	1.201	0.437	2.488	0.189	85653	95837	7.06
AL1288	1.500	8 X 8	1.201	0.437	3.252	0.189	114203	127782	9.43
AL1444	1.750	4 X 4	1.433	0.498	2.020	0.220	83787	92981	6.95
AL1466	1.750	6 X 6	1.433	0.498	2.935	0.220	125669	139472	10.19
AL1644	2.000	4 X 4	1.638	0.559	2.283	0.252	105886	117531	8.72
AL1666	2.000	6 X 6	1.638	0.559	3.299	0.252	158716	176161	13.28
AL1688	2.000	8 X 8	1.638	0.559	4.311	0.252	211771	235039	17.12

TRITAN

PRECISION ROLLER CHAIN

YOUR LINK TO QUALITY.

LEAF CHAIN BL SERIES CHAIN

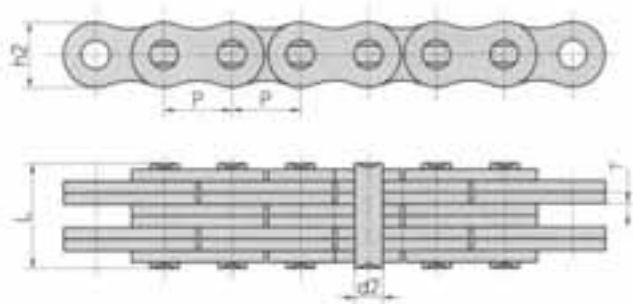
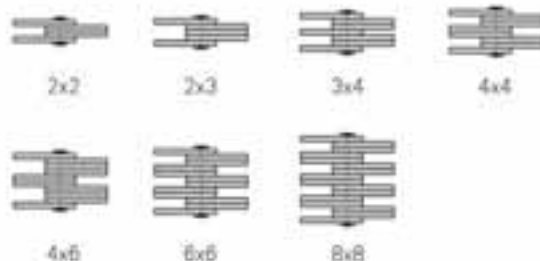


Plate lacing



ANSI CHAIN NUMBER	PITCH	PLATE LACING	PLATE DEPTH	PIN DIA	PIN LENGTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P		h2 max	d2 max	L max	T max	Q min	Qo	q
	inch		inch	inch	inch	inch	lb	lb	lb/ft
BL422	0.500	2 X 2	0.475	0.200	0.440	0.082	4991	6205	0.43
BL423	0.500	2 X 3	0.475	0.200	0.518	0.082	4991	6205	0.54
BL434	0.500	3 X 4	0.475	0.200	0.685	0.082	7509	9307	0.75
BL444	0.500	4 X 4	0.475	0.200	0.768	0.082	10004	12589	0.86
BL446	0.500	4 X 6	0.475	0.200	0.935	0.082	10004	12589	1.08
BL466	0.500	6 X 6	0.475	0.200	1.102	0.082	14995	18367	1.29
BL488	0.500	8 X 8	0.475	0.200	1.435	0.082	20008	24594	1.72
BL522	0.625	2 X 2	0.594	0.235	0.508	0.096	7509	9689	0.59
BL523	0.625	2 X 3	0.594	0.235	0.605	0.096	7509	9689	0.74
BL534	0.625	3 X 4	0.594	0.235	0.800	0.096	10993	14748	1.01
BL544	0.625	4 X 4	0.594	0.235	0.897	0.096	14995	18996	1.21
BL546	0.625	4 X 6	0.594	0.235	1.092	0.096	14995	18996	1.48
BL566	0.625	6 X 6	0.594	0.235	1.287	0.096	22503	28124	1.78
BL588	0.625	8 X 8	0.594	0.235	1.676	0.096	29990	38105	2.35
BL622	0.750	2 X 2	0.713	0.313	0.684	0.130	10993	14298	0.97
BL623	0.750	2 X 3	0.713	0.313	0.816	0.130	10993	14298	1.21
BL634	0.750	3 X 4	0.713	0.313	1.080	0.130	16996	23110	1.68
BL644	0.750	4 X 4	0.713	0.313	1.212	0.130	22009	27180	1.95
BL646	0.750	4 X 6	0.713	0.313	1.476	0.130	22009	27180	2.42
BL666	0.750	6 X 6	0.713	0.313	1.740	0.130	33002	42894	2.89
BL688	0.750	8 X 8	0.713	0.313	2.268	0.130	43995	53685	3.90
BL822	1.000	2 X 2	0.950	0.376	0.840	0.161	18996	24324	1.48
BL823	1.000	2 X 3	0.950	0.376	1.003	0.161	18996	24324	1.81
BL834	1.000	3 X 4	0.950	0.376	1.329	0.161	29000	38218	2.55
BL844	1.000	4 X 4	0.950	0.376	1.492	0.161	37993	48244	2.89
BL846	1.000	4 X 6	0.950	0.376	1.818	0.161	37993	48244	3.63
BL866	1.000	6 X 6	0.950	0.376	2.144	0.161	57012	72951	4.37
BL888	1.000	8 X 8	0.950	0.376	2.796	0.161	76008	97275	5.78

LEAF CHAIN BL SERIES CHAIN

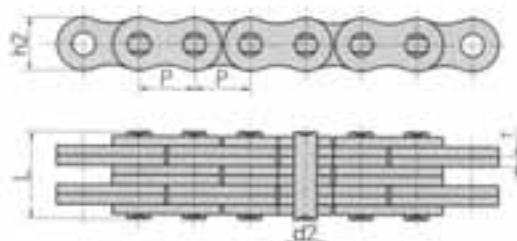
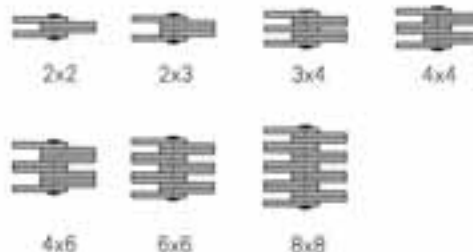


Plate lacing



ANSI CHAIN NUMBER	PITCH	PLATE LACING	PLATE DEPTH	PIN DIA	PIN LENGTH	PLATE THICK- NESS	ULTIMATE TENSILE STRENGTH	AVERAGE TENSILE STRENGTH	WEIGHT PER FOOT
	P		h2 max	d2 max	L max	T max	Q min	Qo	q
	inch		inch	inch	inch	inch	lb	lb	lb/ft
BL1022	1.250	2 X 2	1.188	0.437	0.999	0.193	25988	33901	2.28
BL1023	1.250	2 X 3	1.188	0.437	1.194	0.193	25988	33901	2.89
BL1034	1.250	3 X 4	1.188	0.437	1.584	0.193	41005	52066	4.03
BL1044	1.250	4 X 4	1.188	0.437	1.779	0.193	51999	65510	4.64
BL1046	1.250	4 X 6	1.188	0.437	2.169	0.193	51999	65510	5.78
BL1066	1.250	6 X 6	1.188	0.437	2.559	0.193	78009	96736	6.92
BL1088	1.250	8 X 8	1.188	0.437	3.339	0.193	103997	124792	9.27
BL1222	1.500	2 X 2	1.425	0.500	1.166	0.227	33991	43164	3.09
BL1223	1.500	2 X 3	1.425	0.500	1.395	0.227	33991	43164	3.95
BL1234	1.500	3 X 4	1.425	0.500	1.853	0.227	54989	71017	5.44
BL1244	1.500	4 X 4	1.425	0.500	2.082	0.227	68005	85675	6.25
BL1246	1.500	4 X 6	1.425	0.500	2.540	0.227	68005	85675	7.79
BL1266	1.500	6 X 6	1.425	0.500	2.998	0.227	101996	122207	9.34
BL1288	1.500	8 X 8	1.425	0.500	3.914	0.227	136010	163212	12.50
BL1422	1.750	2 X 2	1.663	0.563	1.321	0.258	43006	50740	4.10
BL1423	1.750	2 X 3	1.663	0.563	1.581	0.258	43006	50740	5.11
BL1434	1.750	3 X 4	1.663	0.563	2.101	0.258	70995	83764	7.12
BL1444	1.750	4 X 4	1.663	0.563	2.361	0.258	86012	101434	8.20
BL1446	1.750	4 X 6	1.663	0.563	2.881	0.258	86012	101434	10.21
BL1466	1.750	6 X 6	1.663	0.563	3.401	0.258	130008	153410	12.23
BL1488	1.750	8 X 8	1.663	0.563	4.441	0.258	172002	202958	16.33
BL1622	2.000	2 X 2	1.900	0.687	1.536	0.296	64993	76683	5.38
BL1623	2.000	2 X 3	1.900	0.687	1.834	0.296	64993	76683	6.72
BL1634	2.000	3 X 4	1.900	0.687	2.430	0.296	99006	116811	9.41
BL1644	2.000	4 X 4	1.900	0.687	2.728	0.296	128996	152961	10.75
BL1646	2.000	4 X 6	1.900	0.687	3.324	0.296	130008	152961	13.44
BL1666	2.000	6 X 6	1.900	0.687	3.920	0.296	192752	224967	16.13
BL1688	2.000	8 X 8	1.900	0.687	5.112	0.296	259993	306776	21.50
BL2022	2.500	2 X 2	2.375	0.937	2.037	0.390	97500	115035	10.62
BL2023	2.500	2 X 3	2.375	0.937	2.429	0.390	97500	115035	13.31
BL2034	2.500	3 X 4	2.375	0.937	3.213	0.390	145992	172249	18.61
BL2044	2.500	4 X 4	2.375	0.937	3.605	0.390	195000	230093	21.23
BL2046	2.500	4 X 6	2.375	0.937	4.389	0.390	195000	230093	26.54
BL2066	2.500	6 X 6	2.375	0.937	5.173	0.390	292500	345128	31.85
BL2088	2.500	8 X 8	2.375	0.937	6.741	0.390	390000	460074	42.47

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

TRITAN

PRECISION SPROCKETS



TRITAN FYI

SPROCKETS

ABBREVIATIONS

A	PLATE TYPE SPROCKET
B	HUB TYPE SPROCKET
BS	BORED TO SIZE - HUB TYPE
BBS	METRIC FINISHED BORE
C	HUB TYPE SPROCKET
D	DOUBLE
DS	DOUBLE SINGLE
H	HARDENED
MM	METRIC
MPB	MINIMUM PLAIN BORE
SS	STAINLESS

TRITAN SPROCKETS INCH SERIES STD. KEYWAYS AND SET SCREWS

BORE (INCHES)			KEYWAY WIDTH (INCHES)	SET SCREW (INCHES)
1/2"	-	9/16"	1/8"	10-24
5/8"	-	7/8"	3/16"	1/4"
15/16"	-	1 1/4"	1/4"	5/16"
1 5/16"	-	1 3/8"	5/16"	5/16"
1 7/16"	-	1 3/4"	3/8"	3/8"
1 13/16"	-	2 1/4"	1/2"	1/2"
2 5/16"	-	2 3/4"	5/8"	5/8"
2 13/16"	-	3 1/4"	3/4"	5/8"
3 15/16"	-	3 3/4"	7/8"	3/4"
3 13/16"	-	4 1/2"	1"	3/4"
4 9/16"	-	5 1/2"	1 1/4"	3/4 "
5 9/16"	-	6 1/2"	1 1/2"	3/4"
6 9/16"	-	7 1/2"	1 3/4"	1"
7 9/16"	-	8 15/16"	2"	1"
9	-	10 15/16"	2 1/2"	1"

TRITAN SPROCKETS METRIC SERIES
KEYWAYS AND SET SCREWS

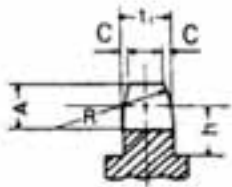
BORE (MM)	KEYWAY (MM)	SET SCREW (MM)
5-8	2	m4
9-10	3	m4
11-12	4	m4
13-17	5	m5
18-22	6	m6
23-30	8	m8
31-38	10	m10
39-44	12	m10
45-50	14	m10
51-58	16	m10
59-65	18	m10
66-75	20	m10
76-85	22	m10
86-95	25	m10
96-110	28	m10
111-130	32	m10

BORE TOLERANCES

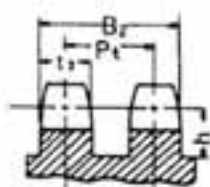
1" & UNDER	- 0 / + .001"
OVER 1" TO 2"	- 0 / + .002"
OVER 2" TO 3"	- 0 / + .003"
OVER 3" TO 4"	- 0 / + .004"
OVER 4"	- 0 / + .005"

YOUR LINK TO QUALITY.

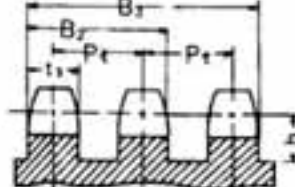
WHEEL-RIM PROFILES & DATA OF SPROCKETS



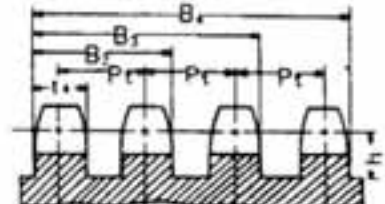
SINGLE



DOUBLE



TRIPLE



QUADRUPLE

Standard Series Rollerchain Sprockets

(Dimension, in)

Sprocket No	Pitch P	Roller Dia D	h	Height Of Chamfer A	Width Of Chamfer C	Radius Of Chamfer R	Trans Verse Pitch Of Strands Pt	Single	Double Triple		Quadruple				MINUS TOLERANCE ON 1" & 8" MAX. ALLOWED	MINUS TOLERANCE ON 1/4"	
								Teeth Thick - Ness t ₁	Teeth Thick - Ness t _{2/3}	Teeth Width		Teeth Thick - Ness t ₄	齒 幅 Teeth Width				
										B ₂	B ₃		B ₂	B ₃			B ₄
25	1/4	0.130	0.157	0.126	0.031	0.268	0.252	0.110	0.107	0.359	0.611	0.096	0.348	0.600	0.852	0.007	0.021
35	3/8	0.200	0.197	0.189	0.047	0.402	0.399	0.168	0.162	0.561	0.960	0.149	0.548	0.947	1.346	0.008	0.027
41	1/2	0.306	0.276	0.252	0.063	0.531	—	0.227	—	—	—	—	—	—	—	0.009	0.032
40	1/2	0.312	0.276	0.252	0.063	0.531	0.566	0.284	0.275	0.841	1.407	0.256	0.822	1.388	1.954	0.009	0.035
50	5/8	0.400	0.406	0.311	0.079	0.665	0.713	0.343	0.332	1.045	1.758	0.311	1.024	1.737	2.450	0.010	0.036
60	3/4	0.469	0.465	0.374	0.094	0.799	0.897	0.459	0.444	1.341	2.238	0.418	1.315	2.212	3.108	0.011	0.036
80	1	0.625	0.610	0.5	0.126	1.063	1.153	0.575	0.557	1.710	2.863	0.526	1.679	2.832	3.985	0.012	0.040
100	1 1/4	0.750	0.756	0.626	0.157	1.331	1.408	0.692	0.669	2.077	3.484	0.633	2.041	3.449	4.857	0.014	0.046
120	1 1/2	0.875	0.906	0.752	0.189	1.594	1.789	0.924	0.894	2.683	4.472	0.848	2.637	4.426	6.215	0.016	0.057
140	1 3/4	1.000	1.063	0.874	0.220	1.858	1.924	0.924	0.894	2.818	4.742	0.848	2.772	4.696	6.620	0.016	0.057
160	2	1.125	1.244	1	0.252	2.126	2.305	1.156	1.119	3.424	5.729	1.063	3.368	5.673	7.978	0.019	0.062
180	2 1/4	1.406	1.449	1.122	0.283	2.402	2.592	1.301	1.259	3.851	6.443	1.197	3.789	6.381	8.973	0.020	0.068
200	2 1/2	1.562	1.559	1.252	0.311	2.658	2.817	1.389	1.344	4.161	6.976	1.278	4.095	6.912	9.729	0.021	0.072
240	3	1.875	1.909	1.5	0.374	3.189	3.458	1.738	1.682	5.140	8.598	1.601	5.059	8.517	11.975	0.025	0.087

Heavy Load Series Chain Sprockets

60H	3/4	0.469	0.465	0.374	0.094	0.799	1.028	0.459	0.444	1.472	2.500	0.418	1.446	2.474	3.502	0.011	0.036
80H	1	0.625	0.610	0.5	0.126	1.063	1.283	0.575	0.557	1.840	3.123	0.526	1.809	3.092	4.375	0.012	0.040
100H	1 1/4	0.750	0.756	0.626	0.157	1.331	1.539	0.692	0.669	2.208	3.747	0.633	2.172	3.711	5.250	0.014	0.046
120H	1 1/2	0.875	0.906	0.752	0.189	1.594	1.924	0.924	0.894	2.818	4.742	0.848	2.772	4.696	6.620	0.016	0.057
140H	1 3/4	1.000	1.063	0.874	0.220	1.858	2.055	0.924	0.894	2.949	5.004	0.848	2.903	4.958	7.013	0.016	0.057
160H	2	1.125	1.244	1	0.252	2.126	2.436	1.156	1.119	3.555	5.991	1.063	3.499	5.935	8.371	0.019	0.062
180H	2 1/4	1.406	1.449	1.122	0.283	2.402	2.723	1.301	1.259	3.982	6.705	1.197	3.920	6.643	9.366	0.020	0.068
200H	2 1/2	1.562	1.559	1.252	0.311	2.658	3.083	1.389	1.344	4.427	7.510	1.278	4.361	7.444	10.527	0.021	0.072

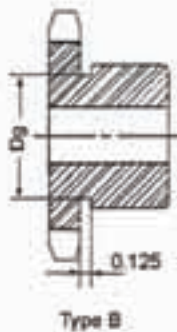
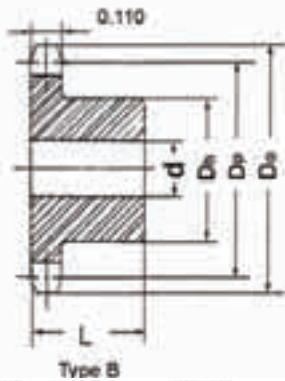
NOTE: 1. H refers to the min distance from pitch circle to hub (or bottom of groove).

2. Teeth thickness of sprocket over quadruple is same as teeth thickness t_4 of quadruple sprocket, teeth $B_n = (n-1)P_1 + t_4 (n \geq 4)$

3. T_{1st} is thickness of single not rolled steel plate.

NO 25 STOCK SPROCKETS 1/4"

BORED TO SIZE



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-13 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 39 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

+Indicates NO keyway. Two setscrews only at 90 degrees.

Single-Type BS

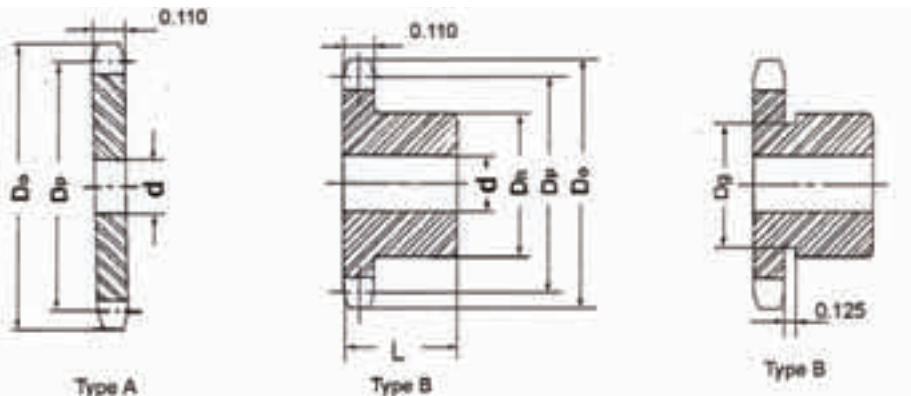
No Of Teeth	Pitch Dia Dp	Outside Dia Do	A Type A				B Type B						BW Type BW		Material
			Catalog Num.	Bore d	Wt(App) (lbs)	Catalog Num.	Bore d				Wt(App) (lbs)				
							Min	Max	On	L					
9	0.731	0.837	25A9	1/4	0.01	25BS9	1/4	1/4	1/16	1/2	0.03				
10	0.809	0.919	25A10	1/4	0.02	25BS10	1/4	1/4	1/16	1/2	0.03				
11	0.887	1.002	25A11	1/4	0.02	25BS11	1/4	5/16	9/16	1/2	0.04				
12	0.966	1.083	25A12	1/4	0.02	25BS12	1/4	3/8	5/8	1/2	0.06				
13	1.044	1.167	25A13	1/4	0.02	25BS13	1/4	7/16	23/32	1/2	0.07				
14	1.124	1.246	25A14	1/4	0.03	25BS14	1/4	9/16	11/16	1/2	0.08				
15	1.202	1.326	25A15	1/4	0.03	25BS15	1/4	9/16	17/16	1/2	0.10				
16	1.281	1.407	25A16	1/4	0.04	25BS16	1/4	9/16	21/32	1/2	0.12				
17	1.361	1.487	25A17	1/4	0.04	25BS17	1/4	5/8	11/16	1/2	0.14				
18	1.440	1.568	25A18	1/4	0.05	25BS18	3/4	5/8	11/16	1/2	0.16				
19	1.519	1.648	25A19	1/4	0.05	25BS19	1/4	11/16	17/16	1/2	0.19				
20	1.598	1.729	25A20	1/4	0.06	25BS20	1/4	7/8	19/16	5/8	0.25				
21	1.678	1.809	25A21	3/8	0.06	25BS21	1/4	7/8	13/8	5/8	0.28				
22	1.757	1.889	25A22	3/8	0.07	25BS22	1/4	15/16	17/16	5/8	0.31				
23	1.836	1.969	25A23	3/8	0.07	25BS23	3/4	1	11/16	5/8	0.32				
24	1.915	2.049	25A24	3/8	0.08	25BS24	3/8	1	11/16	5/8	0.33				
25	1.994	2.129	25A25	3/8	0.09	25BS25	3/8	1	11/16	5/8	0.34				
26	2.074	2.209	25A26	3/8	0.10	25BS26	3/8	1	11/16	5/8	0.35				
27	2.154	2.289	25A27	3/8	0.11	25BS27	3/8	1	11/16	5/8	0.35				
28	2.233	2.369	25A28	3/8	0.12	25BS28	3/8	1	11/16	5/8	0.36				
29	2.312	2.441	25A29	3/8	0.13	25BS29	3/8	1	11/16	5/8	0.37				
30	2.392	2.529	25A30	3/8	0.14	25BS30	3/8	1	11/16	5/8	0.38				
31	2.471	2.598	25A31	3/8	0.15	25BS31	3/8	1	11/16	5/8	0.39				
32	2.550	2.688	25A32	3/8	0.15	25BS32	3/8	1	11/16	5/8	0.40				
33	2.630	2.756	25A33	3/8	0.17	25BS33	3/8	1	11/16	5/8	0.41				
34	2.709	2.835	25A34	3/8	0.17	25BS34	3/8	1	11/16	5/8	0.42				
35	2.789	2.913	25A35	3/8	0.19	25BS35	3/8	1	11/16	5/8	0.44				
36	2.869	3.008	25A36	3/8	0.20	25BS36	3/8	1	11/16	5/8	0.46				
37	2.948	3.071	25A37	1/2	0.21	25BS37	1/2	1 1/8	2	3/4	0.48				
38	3.028	3.150	25A38	1/2	0.22	25BS38	1/2	1 1/8	2	3/4	0.50				
39	3.107	3.228	25A39	1/2	0.23	25BS39	1/2	1 1/8	2	3/4	0.52				
40	3.186	3.327	25A40	1/2	0.24	25BS40	1/2	1 1/8	2	3/4	0.54				
41	3.266	3.425	25A41	1/2	0.26	25BS41	1/2	1 1/8	2	3/4	0.56				
42	3.345	3.504	25A42	1/2	0.26	25BS42	1/2	1 1/8	2	3/4	0.58				
43	3.425	3.583	25A43	1/2	0.27	25BS43	1/2	1 1/8	2	3/4	0.61				
44	3.504	3.661	25A44	1/2	0.28	25BS44	1/2	1 1/8	2	3/4	0.64				
45	3.584	3.725	25A45	1/2	0.30	25BS45	1/2	1 1/8	2	3/4	0.67				
46	3.663	3.819	25A46	1/2	0.32	25BS46	1/2	1 1/8	2	3/4	0.71				
47	3.743	3.898	25A47	1/2	0.34	25BS47	1/2	1 1/8	2	3/4	0.75				
48	3.822	3.964	25A48	1/2	0.35	25BS48	1/2	1 1/8	2	3/4	0.78				
50	3.981	4.134	25A50	1/2	0.38	25BS50	1/2	1 1/8	2	3/4	0.85				
54	4.300	4.442	25A54	1/2	0.45	25BS54	1/2	1 1/8	2	3/4	1.00				
60	4.777	4.920	25A60	1/2	0.55	25BS60	1/2	1 1/8	2	3/4	1.10				
65	5.174	5.315	25A65	1/2	0.65	25BS65	1/2	1 1/8	2	3/4	1.17				
70	5.572	5.717	25A70	1/2	0.75	25BS70	1/2	1 1/8	2	3/4	1.25				
72	5.732	5.876	25A72	1/2	0.80	25BS72	1/2	1 1/8	2	3/4	1.30				
75	5.970	6.102	25A75	1/2	0.86	25BS75	1/2	1 1/8	2	3/4	1.39				
80	6.368	6.495	25A80	1/2	0.98	25BS80	1/2	1 1/8	2	3/4	1.54				

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 25 STOCK SPROCKETS 1/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

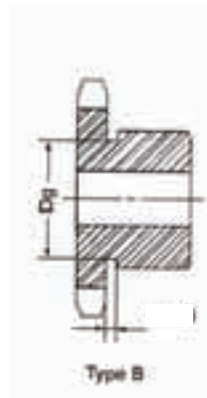
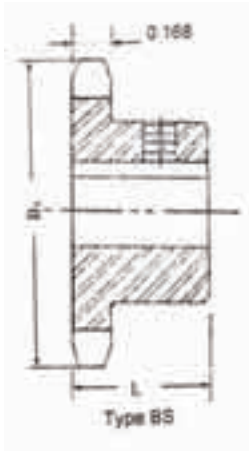
9 Teeth - 0.413"
10 Teeth - 0.492"
11 Teeth - 0.571"
12 Teeth - 0.650"
13 Teeth - 0.728"

Single-Type A&B

No Of Teeth	Pitch Dia Dp	Outside Dia Do	A Type A			B BW Type B Type BW						Material
			Catalog Num.	Bore: d	Wt(App) (lbs)	Catalog Num.	Bore: d		Dh		Wt(App) (lbs)	
							Min	Max	Ch	L		
9	0.731	0.837	25A9	1/8	0.01	25B9	1/8	1/8	1/16	1/2	0.03	
10	0.809	0.919	25A10	1/8	0.02	25B10	1/8	1/8	1/16	1/2	0.03	
11	0.887	1.002	25A11	1/8	0.02	25B11	1/8	5/16	5/16	1/2	0.04	
12	0.966	1.083	25A12	1/8	0.02	25B12	1/8	3/8	5/8	1/2	0.06	
13	1.044	1.167	25A13	1/8	0.02	25B13	1/8	7/16	23/32	1/2	0.07	
14	1.124	1.246	25A14	1/8	0.03	25B14	1/8	5/8	12/16	1/2	0.08	
15	1.202	1.326	25A15	1/8	0.03	25B15	1/8	5/8	57/64	1/2	0.10	
16	1.281	1.407	25A16	1/8	0.04	25B16	1/8	5/8	21/32	1/2	0.12	
17	1.361	1.487	25A17	1/8	0.04	25B17	1/8	3/4	11/32	1/2	0.14	
18	1.440	1.568	25A18	1/8	0.05	25B18	1/8	3/4	11/8	1/2	0.16	
19	1.519	1.648	25A19	1/8	0.05	25B19	1/8	13/16	17/32	1/2	0.19	
20	1.598	1.729	25A20	1/8	0.06	25B20	1/8	7/8	19/32	5/8	0.25	
21	1.678	1.809	25A21	3/8	0.06	25B21	1/8	7/8	13/8	5/8	0.28	
22	1.757	1.889	25A22	3/8	0.07	25B22	1/8	15/16	17/16	5/8	0.31	
23	1.836	1.969	25A23	3/8	0.07	25B23	1/8	1	11/2	5/8	0.32	
24	1.915	2.049	25A24	3/8	0.08	25B24	3/8	1	11/2	5/8	0.33	
25	1.994	2.129	25A25	3/8	0.09	25B25	3/8	1	11/2	5/8	0.34	
26	2.074	2.209	25A26	3/8	0.10	25B26	3/8	1	11/2	5/8	0.35	
27	2.154	2.289	25A27	3/8	0.11	25B27	3/8	1	11/2	5/8	0.35	
28	2.233	2.369	25A28	3/8	0.12	25B28	3/8	1	11/2	5/8	0.36	
29	2.312	2.441	25A29	3/8	0.13	25B29	3/8	1	11/2	5/8	0.37	
30	2.392	2.529	25A30	3/8	0.14	25B30	3/8	1	11/2	5/8	0.38	
31	2.471	2.598	25A31	3/8	0.15	25B31	3/8	1	11/2	5/8	0.39	
32	2.550	2.688	25A32	3/8	0.15	25B32	3/8	1	11/2	5/8	0.40	
33	2.630	2.756	25A33	3/8	0.17	25B33	3/8	1	11/2	5/8	0.41	
34	2.709	2.835	25A34	3/8	0.17	25B34	3/8	1	11/2	5/8	0.42	
35	2.789	2.913	25A35	3/8	0.19	25B35	3/8	1	11/2	5/8	0.44	
36	2.869	3.008	25A36	3/8	0.20	25B36	3/8	1	11/2	3/4	0.46	
37	2.948	3.071	25A37	1/2	0.21	25B37	1/2	1 3/8	2	3/4	0.48	
38	3.028	3.150	25A38	1/2	0.22	25B38	1/2	1 3/8	2	3/4	0.50	
39	3.107	3.228	25A39	1/2	0.23	25B39	1/2	1 3/8	2	3/4	0.52	
40	3.186	3.327	25A40	1/2	0.24	25B40	1/2	1 3/8	2	3/4	0.54	
41	3.266	3.425	25A41	1/2	0.26	25B41	1/2	1 3/8	2	3/4	0.56	
42	3.345	3.504	25A42	1/2	0.26	25B42	1/2	1 3/8	2	3/4	0.58	
43	3.425	3.583	25A43	1/2	0.27	25B43	1/2	1 3/8	2	3/4	0.61	
44	3.504	3.661	25A44	1/2	0.28	25B44	1/2	1 3/8	2	3/4	0.64	
45	3.584	3.725	25A45	1/2	0.30	25B45	1/2	1 3/8	2	3/4	0.67	
46	3.663	3.819	25A46	1/2	0.32	25B46	1/2	1 3/8	2	3/4	0.71	
47	3.743	3.898	25A47	1/2	0.34	25B47	1/2	1 3/8	2	3/4	0.75	
48	3.822	3.964	25A48	1/2	0.35	25B48	1/2	1 3/8	2	3/4	0.78	
50	3.981	4.134	25A50	1/2	0.38	25B50	1/2	1 3/8	2	3/4	0.85	
54	4.300	4.442	25A54	1/2	0.45	25B54	1/2	1 3/8	2	3/4	1.00	
60	4.777	4.920	25A60	1/2	0.55	25B60	1/2	1 3/8	2	3/4	1.10	
65	5.174	5.315	25A65	1/2	0.65	25B65	1/2	1 3/8	2	3/4	1.17	
70	5.572	5.717	25A70	1/2	0.75	25B70	1/2	1 3/8	2	3/4	1.25	
72	5.732	5.876	25A72	1/2	0.80	25B72	1/2	1 3/8	2	3/4	1.30	
75	5.970	6.102	25A75	1/2	0.86	25B75	1/2	1 3/8	2	3/4	1.39	
80	6.368	6.496	25A80	1/2	0.98	25B80	1/2	1 3/8	2	3/4	1.54	

NO 35 STOCK SPROCKETS 3/8" PITCH

BORED TO SIZE



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-13 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 41 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees.

Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

+Indicates NO keyway. Two setscrews only at 90 degrees.

Single-Type BS

(Dimension, in.)

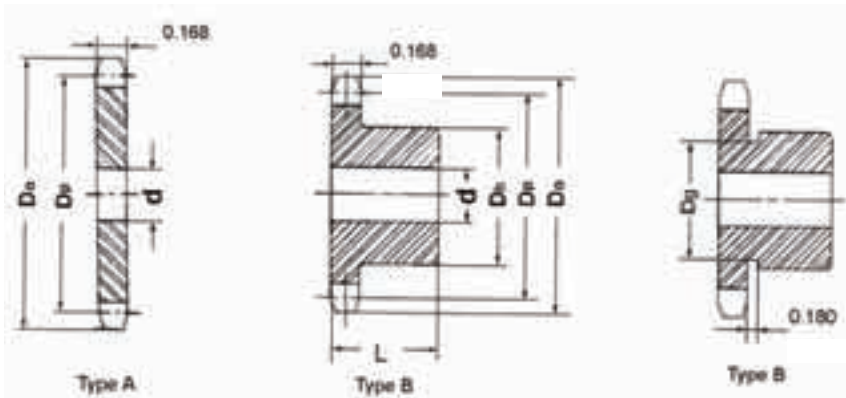
NO Teeth	Catalog Num.	Outside Diameter Do	Length Thru L	Wt (App) (lbs)	Stock Finished Bores (Includes Keyway and Setscrew)							
+ 9	35BS9	1.260	1.4	0.10	+1.8							
+10	35BS10	1.380	1.4	0.11	+2.8	+1.2	+2.8					
+11	35BS11	1.500	1.4	0.15	+3.8	+1.2	+3.8	+2.4				
+12	35BS12	1.630	1.4	0.18		+1.2	1.8	3.4				
13	35BS13	1.750	1.4	0.20		+1.2	1.8	3.4				
14	35BS14	1.870	1.4	0.22		1.8	1.8	3.4				
15	35BS15	1.990	1.4	0.24		1.2	1.8	3.4	1.8	1		
16	35BS16	2.110	1.8	0.29		1.2	1.8	3.4	1.8	1		
17	35BS17	2.230	1.8	0.36		1.8	1.8	3.4	1.8	1		
18	35BS18	2.350	1.4	0.39		1.2	1.8	3.4	1.8	1		
19	35BS19	2.470	1.4	0.44		1.8	1.8	3.4		1		
20	35BS20	2.590	1.4	0.51		1.2	1.8	3.4		1		
21	35BS21	2.710	1.8	0.75		1.8	1.8	3.4		1		
22	35BS22	2.830	1.8	0.78		1.2	1.8	3.4		1		
23	35BS23	2.950	1.8	0.78		1.2	1.8	3.4		1		
24	35BS24	3.070	1.8	0.79		1.8	1.8	3.4		1		
25	35BS25	3.190	1.8	0.80		1.2	1.8	3.4		1		
26	35BS26	3.310	1.8	0.84		1.8	1.8	3.4	1.8	1	1.8	1.8
27	35BS27	3.430	1.8	0.88		1.8	1.8	3.4	1.8	1	1.8	1.8
28	35BS28	3.550	1.8	0.86		1.8	1.8	3.4	1.8	1	1.8	1.8
30	35BS30	3.790	1.8	0.96		1.8	1.8	3.4	1.8	1	1.8	1.8
32	35BS32	4.030	1.8	1.14		1.8	1.8	3.4	1.8	1	1.8	1.8
35	35BS35	4.390	1	1.38		1.8	1.8	3.4	1.8	1	1.8	1.8
36	35BS36	4.510	1	1.41		1.8	1.8	3.4	1.8	1	1.8	1.8
40	35BS40	4.990	1	1.56		1.8	1.8	3.4	1.8	1	1.8	1.8
42	35BS42	5.230	1	1.64		1.8	1.8	3.4	1.8	1	1.8	1.8
45	35BS45	5.590	1	1.74		1.8	1.8	3.4	1.8	1	1.8	1.8
48	35BS48	5.950	1	1.86		1.8	1.8	3.4	1.8	1	1.8	1.8
54	35BS54	6.660	1	1.98		1.8	1.8	3.4	1.8	1	1.8	1.8
60	35BS60	7.380	1	2.34			1.8	3.4	1.8	1	1.8	1.8
70	35BS70	8.580	1	3.14				3.4	1.8	1	1.8	1.8
72	35BS72	8.810	1	3.30				3.4	1.8	1	1.8	1.8
80	35BS80	9.770	1	3.94				3.4	1.8	1	1.8	1.8
84	35BS84	10.250	1	4.26				3.4	1.8	1	1.8	1.8
96	35BS96	11.680	1	5.22				3.4	1.8	1	1.8	1.8
112	35BS112	13.590	1	6.50				3.4	1.8	1	1.8	1.8

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 35 STOCK SPROCKETS 3/8" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

- 8 Teeth - 0.510"
- 9 Teeth - 0.635"
- 10 Teeth - 0.750"
- 11 Teeth - 0.890"
- 12 Teeth - 1.000"
- 13 Teeth - 1.125"

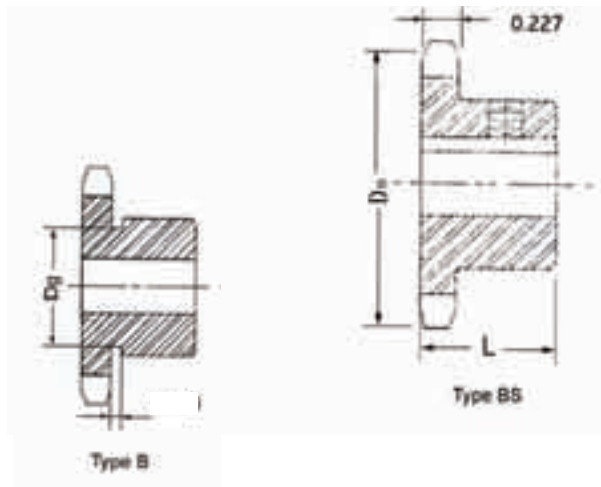
Single-Type A&B

(Dimension, in)

No. Of Teeth	Pitch Dia Dp	Outside Dia Dg	A Type A			B Type B			SW Type SW		
			Catalog Num.	Bore D	Wt (Lbs)	Catalog Num.	Bore D		Dg	L	Wt (Lbs)
							Min	Max			
8	0.980	1.130	35A8	1.8	0.04	35B8	1.8	1.8	1.4	1.4	0.07
9	1.096	1.260	35A9	1.8	0.04	35B9	1.8	1.8	1.4	1.4	0.09
10	1.214	1.380	35A10	1.8	0.05	35B10	1.8	1.8	1.4	1.4	0.14
11	1.331	1.500	35A11	1.8	0.06	35B11	1.8	1.8	1.4	1.4	0.17
12	1.449	1.630	35A12	1.8	0.07	35B12	1.8	1.8	1.4	1.4	0.20
13	1.567	1.750	35A13	1.8	0.08	35B13	1.8	1.8	1.4	1.4	0.23
14	1.685	1.870	35A14	1.8	0.08	35B14	1.8	1.8	1.4	1.4	0.25
15	1.804	1.990	35A15	1.8	0.10	35B15	1.8	1.8	1.4	1.4	0.29
16	1.922	2.110	35A16	1.8	0.12	35B16	1.8	1.8	1.4	1.4	0.35
17	2.041	2.230	35A17	1.8	0.12	35B17	1.8	1.8	1.4	1.4	0.42
18	2.159	2.350	35A18	1.8	0.14	35B18	1.8	1.8	1.4	1.4	0.48
19	2.278	2.470	35A19	1.8	0.16	35B19	1.8	1.8	1.4	1.4	0.54
20	2.397	2.590	35A20	1.8	0.20	35B20	1.8	1.8	1.4	1.4	0.59
21	2.516	2.710	35A21	1.8	0.20	35B21	1.8	1.8	2	1.8	0.80
22	2.635	2.830	35A22	1.8	0.22	35B22	1.8	1.8	2	1.8	0.80
23	2.754	2.950	35A23	1.8	0.24	35B23	1.8	1.8	2	1.8	0.82
24	2.873	3.070	35A24	1.8	0.26	35B24	1.8	1.8	2	1.8	0.88
25	2.992	3.190	35A25	1.8	0.28	35B25	1.8	1.8	2	1.8	0.88
26	3.111	3.310	35A26	1.8	0.28	35B26	1.8	1.8	2	1.8	0.90
27	3.230	3.430	35A27	1.8	0.34	35B27	1.8	1.8	2	1.8	0.94
28	3.349	3.550	35A28	1.8	0.39	35B28	1.8	1.8	2	1.8	0.94
29	3.469	3.670	35A29	1.8	0.42	35B29	1.8	1.8	2	1.8	0.98
30	3.588	3.790	35A30	1.8	0.45	35B30	1.8	1.8	2	1.8	1.02
31	3.707	3.910	35A31	1.8	0.48	35B31	1.8	1.8	2	1.8	1.06
32	3.826	4.030	35A32	1.8	0.51	35B32	1.8	1.8	2	1.8	1.10
33	3.945	4.150	35A33	1.8	0.54	35B33	1.8	1.8	2.4	1.8	1.29
34	4.064	4.270	35A34	1.8	0.57	35B34	1.8	1.8	2.4	1.8	1.32
35	4.183	4.390	35A35	1.8	0.60	35B35	1.8	1.8	2.4	1.8	1.36
36	4.303	4.510	35A36	1.8	0.62	35B36	1.8	1.8	2.4	1.8	1.40
37	4.422	4.630	35A37	1.8	0.64	35B37	1.8	1.8	2.4	1	1.48
38	4.541	4.750	35A38	1.8	0.66	35B38	1.8	1.8	2.4	1	1.52
39	4.660	4.870	35A39	1.8	0.68	35B39	1.8	1.8	2.4	1	1.57
40	4.780	4.990	35A40	1.8	0.70	35B40	1.8	1.8	2.4	1	1.62
42	5.018	5.230	35A42	1.8	0.78	35B42	1.8	1.8	2.4	1	1.68
45	5.376	5.590	35A45	1.8	0.88	35B45	1.8	1.8	2.4	1	1.78
48	5.734	5.950	35A48	1.8	1.21	35B48	1.8	1.8	2.4	1	1.88
50	5.972	6.190	35A50	1.8	1.23	35B50	1.8	1.8	2.4	1	1.98
54	6.449	6.660	35A54	1.8	1.32	35B54	1.8	1.8	2.4	1	2.20
60	7.165	7.380	35A60	1.8	1.66	35B60	1.8	1.8	2.4	1	2.48
65	7.762	7.980	35A65	1.8	1.96	35B65	1.8	1.8	2.4	1	2.78
70	8.358	8.580	35A70	1.8	2.30	35B70	1.8	1.8	2.4	1	3.12
72	8.597	8.810	35A72	1.8	2.56	35B72	1.8	1.8	2.4	1	3.42
80	9.552	9.770	35A80	1.8	3.16	35B80	1.8	1.8	2.4	1	3.82
84	10.029	10.250	35A84	1.8	3.26	35B84	1.8	1.8	2.4	1	4.24
96	11.461	11.680	35A96	1.8	4.64	35B96	1.8	1.8	2.4	1	5.16
112	13.371	13.590	35A112	1.8	5.05	35B112	1.8	1.8	2.4	1	6.70

NO 41 STOCK SPROCKETS 1/2" PITCH

BORED TO SIZE



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 9-12 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 45 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

+Indicates NO keyway. Two setscrews only at 90 degrees.

Single-Type BS

(Dimension, in.)

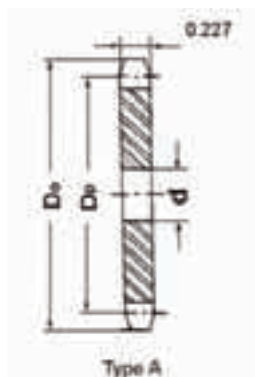
NO of Teeth	Catalog Num.	Outside Dia. Do	Length Thru L	Wt (App) (lbs)	Stock Finished Bores (Includes Keyway and Setscrew)						
9	41BS9	1.670	7/8	0.20	1/2	5/8					
10	41BS10	1.840	7/8	0.25	1/2	5/8					
11	41BS11	2.000	7/8	0.32	1/2	5/8	3/4				
12	41BS12	2.170	7/8	0.33	1/2	5/8	3/4	1/2			
13	41BS13	2.330	7/8	0.43	1/2	5/8	3/4	1/2	1		
14	41BS14	2.490	7/8	0.48	1/2	5/8	3/4	1/2	1		
15	41BS15	2.650	7/8	0.59	1/2	5/8	3/4	1/2	1		
16	41BS16	2.810	7/8	0.72	5/8	3/4			1		
17	41BS17	2.980	1	1.00	5/8	3/4			1		
18	41BS18	3.140	1	1.10	5/8	3/4			1		
19	41BS19	3.300	1	1.21	5/8	3/4			1		
20	41BS20	3.460	1	1.39	5/8	3/4			1		
21	41BS21	3.620	1	1.77	5/8	3/4			1		
22	41BS22	3.780	1	1.92	5/8	3/4			1		
23	41BS23	3.940	1	2.18	5/8	3/4			1		
24	41BS24	4.100	1	2.24	5/8	3/4			1		
25	41BS25	4.260	1	2.42	5/8	3/4			1		
26	41BS26	4.420	1	2.46	5/8	3/4			1		
27	41BS27	4.580	1	2.52	5/8	3/4			1		
28	41BS28	4.740	1	2.60	5/8	3/4			1		
30	41BS30	5.060	1	2.76	5/8	3/4			1		
32	41BS32	5.380	1	2.92	5/8	3/4			1		
35	41BS35	5.860	1	3.08	5/8	3/4			1		
36	41BS36	6.020	1	3.28	5/8	3/4			1		
40	41BS40	6.650	1 1/16	3.52		3/4			1	1 1/8	1 3/16
42	41BS42	6.970	1 1/16	3.68		3/4			1	1 1/8	1 3/16
45	41BS45	7.450	1 1/16	3.94		3/4			1	1 1/8	1 3/16
48	41BS48	7.930	1 1/16	4.68		3/4			1	1 1/8	1 3/16
54	41BS54	8.890	1 1/16	5.44		3/4			1	1 1/8	1 3/16
60	41BS60	9.840	1 1/16	6.54		3/4			1	1 1/8	1 3/16
70	41BS70	11.430	1 3/16	9.28		3/4			1	1 1/8	1 3/16
72	41BS72	11.750	1 3/16	9.38		3/4			1	1 1/8	1 3/16
80	41BS80	13.030	1 3/16	11.28		3/4			1	1 1/8	1 3/16
84	41BS84	13.660	1 3/16	11.94		3/4			1	1 1/8	1 3/16
96	41BS96	15.570	1 3/16	14.51					1	1 1/8	1 3/16
112	41BS112	18.120	1 3/16	18.81					1	1 1/8	1 3/16

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 41 STOCK SPROCKETS 1/2" PITCH



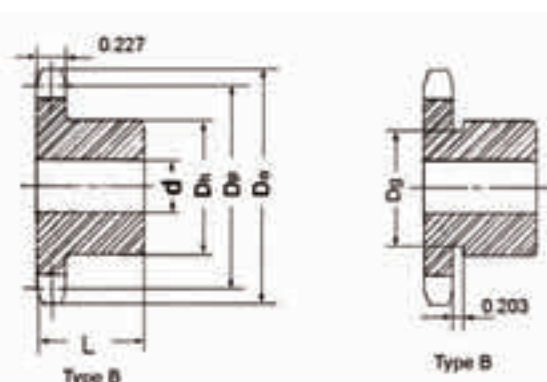
Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Single-Type A

(Dimension, in)

No Of Teeth	Catalog Num.	Pitch Dia Do	Outside Dia Do	A Type A		No Of Teeth	Catalog Num.	Pitch Dia Do	Outside Dia Do	A Type A	
				Bore d	Wt (App) (lbs)					Bore d	Wt (App) (lbs)
15	41A15	2.405	2.650	1.1	0.28	37	41A37	5.896	6.180	19.32	1.93
16	41A16	2.563	2.810	1.1	0.34	38	41A38	6.055	6.330	19.32	2.03
17	41A17	2.721	2.980	1.1	0.36	39	41A39	6.214	6.490	19.32	2.12
18	41A18	2.879	3.140	1.1	0.44	40	41A40	6.373	6.650	23.32	2.22
19	41A19	3.038	3.300	1.1	0.46	41	41A41	6.532	6.810	23.32	2.27
20	41A20	3.196	3.460	1.1	0.52	42	41A42	6.691	6.970	23.32	2.32
21	41A21	3.355	3.620	1.1	0.60	43	41A43	6.850	7.130	23.32	2.42
22	41A22	3.513	3.780	1.1	0.66	44	41A44	7.009	7.290	23.32	2.52
23	41A23	3.672	3.940	1.1	0.72	45	41A45	7.168	7.450	23.32	2.62
24	41A24	3.831	4.100	1.1	0.82	46	41A46	7.327	7.610	23.32	2.72
25	41A25	3.989	4.260	1.1	0.88	47	41A47	7.486	7.770	23.32	2.82
26	41A26	4.148	4.420	1.1	0.94	48	41A48	7.645	7.930	23.32	2.92
27	41A27	4.307	4.580	1.1	1.00	49	41A49	7.804	8.090	23.32	3.02
28	41A28	4.465	4.740	1.1	1.08	50	41A50	7.963	8.250	23.32	3.12
29	41A29	4.625	4.900	1.1	1.14	51	41A51	8.122	8.410	23.32	3.23
30	41A30	4.783	5.060	1.1	1.20	52	41A52	8.281	8.570	23.32	3.33
31	41A31	4.942	5.220	14.32	1.32	53	41A53	8.440	8.730	23.32	3.44
32	41A32	5.101	5.380	14.32	1.44	54	41A54	8.599	8.890	23.32	3.54
33	41A33	5.260	5.540	14.32	1.52	55	41A55	8.758	9.040	23.32	3.71
34	41A34	5.419	5.700	14.32	1.61	56	41A56	8.917	9.200	23.32	3.89
35	41A35	5.578	5.860	14.32	1.70	58	41A58	9.235	9.520	23.32	4.24
36	41A36	5.737	6.020	14.32	1.84	60	41A60	9.554	9.840	23.32	4.60
						65	41A65	10.349	10.630	23.32	5.40
						70	41A70	11.145	11.430	23.32	6.22
						72	41A72	11.463	11.750	23.32	6.32
						75	41A75	11.940	12.230	23.32	6.87
						80	41A80	12.736	13.030	23.32	8.46
						84	41A84	13.372	13.660	23.32	9.12
						90	41A90	14.327	14.620	19.16	10.46
						96	41A96	15.282	15.570	19.16	11.84
						112	41A112	17.827	18.120	19.16	15.84

NO 41 STOCK SPROCKETS 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

- 6 Teeth - 0.450"
- 7 Teeth - 0.616"
- 8 Teeth - 0.776"
- 9 Teeth - 0.937"
- 10 Teeth - 1.076"
- 11 Teeth - 1.260"
- 12 Teeth - 1.433"

Single-Type B

(Dimension, in)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B Type B					No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B Type B				
				Bore d		HUB		Wt (App) (lbs)					Bore d		HUB		Wt (App) (lbs)
				Min	Max	Dh	L						Min	Max	Dh	L	
* 6	41B6	1.000	1.170	3/8	3/8	11/32"	7/8	0.07	37	41B37	5.896	6.180	3/4	2 1/8	3 1/4	1	3.48
* 7	41B7	1.152	1.340	3/8	3/8	1/2"	7/8	0.10	38	41B38	6.055	6.330	3/4	2 1/8	3 1/4	1	3.67
* 8	41B8	1.307	1.510	1/2	1/2	13/16"	7/8	0.19	39	41B39	6.214	6.490	3/4	2 1/8	3 1/4	1	3.87
* 9	41B9	1.462	1.670	1/2	3/4	1 1/8"	7/8	0.20	40	41B40	6.373	6.650	3/4	2 1/8	3 1/4	1 1/16	4.06
* 10	41B10	1.618	1.840	1/2	3/4	1 1/8"	7/8	0.27	41	41B41	6.532	6.810	3/4	2 1/8	3 1/2	1 1/16	4.08
* 11	41B11	1.775	2.000	1/2	7/8	1 1/8"	7/8	0.35	42	41B42	6.691	6.970	3/4	2 1/8	3 1/2	1 1/16	4.10
* 12	41B12	1.932	2.170	1/2	1 1/8	1 1/8"	7/8	0.44	43	41B43	6.850	7.130	3/4	2 1/8	3 1/2	1 1/16	4.12
13	41B13	2.089	2.330	1/2	1	1 1/8"	7/8	0.50	44	41B44	7.009	7.290	3/4	2 1/8	3 1/2	1 1/16	4.15
14	41B14	2.247	2.490	1/2	1 1/4	1 1/4"	7/8	0.57	45	41B45	7.168	7.450	3/4	2 1/8	3 1/2	1 1/16	4.18
15	41B15	2.405	2.650	1/2	1 1/8	1 1/8"	7/8	0.72	46	41B46	7.327	7.610	3/4	2 1/8	3 1/2	1 1/16	4.42
16	41B16	2.563	2.810	3/4	1 1/8	2 1/8"	7/8	0.91	47	41B47	7.486	7.770	3/4	2 1/8	3 1/2	1 1/16	4.66
17	41B17	2.721	2.980	3/4	1 1/2	2 1/8"	1	1.09	48	41B48	7.645	7.930	3/4	2 1/8	3 1/2	1 1/16	4.92
18	41B18	2.879	3.140	3/4	1 5/8	2 3/8"	1	1.25	49	41B49	7.804	8.090	3/4	2 1/8	3 1/2	1 1/16	5.04
19	41B19	3.038	3.300	3/4	1 3/4	2 3/8"	1	1.49	50	41B50	7.963	8.250	3/4	2 1/8	3 1/2	1 1/16	5.16
20	41B20	3.196	3.460	3/4	1 7/8	2 3/4"	1	1.64	51	41B51	8.122	8.410	3/4	2 1/8	3 1/2	1 1/16	5.30
21	41B21	3.355	3.620	3/4	1 7/8	2 7/8"	1	1.81	52	41B52	8.281	8.570	3/4	2 1/8	3 1/2	1 1/16	5.42
22	41B22	3.513	3.780	3/4	2	3	1	1.93	53	41B53	8.440	8.730	3/4	2 1/8	3 1/2	1 1/16	5.53
23	41B23	3.672	3.940	3/4	2 1/4	3 1/8"	1	2.25	54	41B54	8.599	8.890	3/4	2 1/8	3 1/2	1 1/16	5.68
24	41B24	3.831	4.100	3/4	2 1/4	3 1/4"	1	2.33	55	41B55	8.758	9.040	3/4	2 1/8	3 1/2	1 1/16	5.86
25	41B25	3.989	4.260	3/4	2 1/4	3 1/2"	1	2.46	56	41B56	8.917	9.200	3/4	2 1/8	3 1/2	1 1/16	6.04
26	41B26	4.148	4.420	3/4	2 1/4	3 3/4"	1	2.50	58	41B58	9.235	9.520	3/4	2 1/8	3 1/2	1 1/16	6.40
27	41B27	4.307	4.580	3/4	2 1/4	3 3/4"	1	2.56	60	41B60	9.554	9.840	3/4	2 1/8	3 1/2	1 1/16	6.78
28	41B28	4.465	4.740	3/4	2 1/4	3 3/4"	1	2.64	65	41B65	10.349	10.630	3/4	2 1/4	4	1 3/16	8.10
29	41B29	4.625	4.900	3/4	2 1/4	3 3/4"	1	2.72	70	41B70	11.145	11.430	3/4	2 1/4	4	1 3/16	9.54
30	41B30	4.783	5.060	3/4	2 1/4	3 3/4"	1	2.80	72	41B72	11.463	11.750	3/4	2 1/4	4	1 3/16	9.64
31	41B31	4.942	5.220	3/4	2 1/4	3 3/4"	1	2.88	75	41B75	11.940	12.230	3/4	2 1/4	4	1 3/16	10.34
32	41B32	5.101	5.380	3/4	2 1/4	3 3/4"	1	2.96	80	41B80	12.736	13.030	3/4	2 1/4	4	1 3/16	11.54
33	41B33	5.260	5.540	3/4	2 1/4	3 3/4"	1	2.01	84	41B84	13.372	13.660	3/4	2 1/4	4	1 3/16	12.20
34	41B34	5.419	5.700	3/4	2 1/4	3 3/4"	1	2.06	90	41B90	14.327	14.620	1	2 1/4	4	1 3/16	13.50
35	41B35	5.578	5.860	3/4	2 3/8	3 3/4"	1	3.12	96	41B96	15.282	15.570	1	2 1/4	4	1 3/16	14.86
36	41B36	5.737	6.020	3/4	2 3/8	3 3/4"	1	3.30	112	41B112	17.827	18.120	1	2 1/4	4	1 3/16	19.16

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

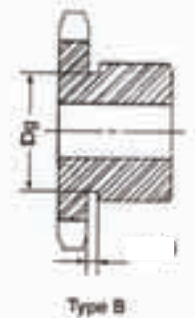
NO 40 STOCK SPROCKETS 1/2" PITCH

BORED TO SIZE

Single-Type BS

(Dimension, in)

No Teeth	Catalog Num.	Outside Dia. D _o	Length Thru L	Wt (App) (lbs)	Stock Finished Bores (Includes Keyway and Setscrew)									
8	40BS8	1.500	7/8	0.15	1/8									
9	40BS9	1.670	7/8	0.16	1/8									
10	40BS10	1.840	7/8	0.24	1/8									
11	40BS11	2.000	7/8	0.28	1/8									
12	40BS12	2.170	7/8	0.34	1/8									
13	40BS13	2.330	7/8	0.45	1/8									
14	40BS14	2.490	7/8	0.51	1/8									
15	40BS15	2.650	7/8	0.53	1/8									
16	40BS16	2.810	1	0.66	1/8									
17	40BS17	2.980	1	0.88	1/8									
18	40BS18	3.140	1	1.03	1/8									
19	40BS19	3.300	1	1.17	1/8									
20	40BS20	3.460	1	1.33	1/8									
21	40BS21	3.620	1	1.53	1/8									
22	40BS22	3.780	1	1.66	1/8									
23	40BS23	3.940	1	1.92	1/8									
24	40BS24	4.100	1	2.10	1/8									
25	40BS25	4.260	1	2.22	1/8									
26	40BS26	4.420	1	2.34	1/8									
27	40BS27	4.580	1	2.42	1/8									
28	40BS28	4.740	1	2.50	1/8									
29	40BS29	4.900	1	2.60	1/8									
30	40BS30	5.060	1	2.70	1/8									
31	40BS31	5.220	1	2.88	1/8									
32	40BS32	5.380	1	3.00	1/8									
33	40BS33	5.540	1	3.03	1/8									
34	40BS34	5.700	1	3.11	1/8									
35	40BS35	5.860	1	3.20	1/8									
36	40BS36	6.020	1	3.39	1/8									
37	40BS37	6.180	1	3.45	1/8									
38	40BS38	6.330	1	3.50	1/8									
39	40BS39	6.490	1	4.00	1/8									
40	40BS40	6.650	1 1/8	4.28	1/8									
41	40BS41	6.810	1 1/8	4.58	1/8									
42	40BS42	6.970	1 1/8	4.64	1/8									
43	40BS43	7.130	1 1/8	4.80	1/8									
44	40BS44	7.290	1 1/8	4.96	1/8									
45	40BS45	7.450	1 1/8	5.06	1/8									
46	40BS46	7.610	1 1/8	5.19	1/8									
47	40BS47	7.770	1 1/8	5.26	1/8									
48	40BS48	7.930	1 1/8	5.66	1/8									
49	40BS49	8.090	1 1/8	5.72	1/8									
50	40BS50	8.250	1 1/8	5.78	1/8									
51	40BS51	8.410	1 1/8	5.90	1/8									
52	40BS52	8.570	1 1/8	5.94	1/8									
53	40BS53	8.730	1 1/8	6.12	1/8									
54	40BS54	8.890	1 1/8	6.24	1/8									
55	40BS55	9.040	1 1/8	6.66	1/8									
56	40BS56	9.200	1 1/8	6.71	1/8									
57	40BS57	9.360	1 1/8	6.94	1/8									
58	40BS58	9.520	1 1/8	7.17	1/8									
59	40BS59	9.680	1 1/8	7.38	1/8									
60	40BS60	9.840	1 1/8	7.68	1/8									
65	40BS65	10.635	1 1/8	9.15	1/8									
70	40BS70	11.430	1 1/4	10.80	1/8									
72	40BS72	11.750	1 1/4	11.30	1/8									
80	40BS80	13.030	1 1/4	13.20	1/8									
84	40BS84	13.660	1 1/4	13.84	1/8									
96	40BS96	15.570	1 1/4	17.44	1/8									
112	40BS112	18.120	1 1/4	22.45	1/8									



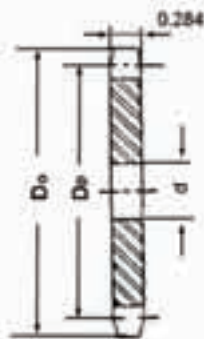
Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-12 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 48 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

+Indicates NO keyway. Two setscrews only at 90 degrees.

NO 40 STOCK SPROCKETS 1/2" PITCH



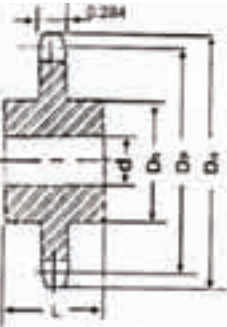
Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Single-Type A

Type A

(Dimension, in)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	A Type A		No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	A Type A		
				Bore, d	Wt (App) (lbs)					Bore, d	Wt (App) (lbs)	Material
8	40A8	1.307	1.500	11/32	0.07	38	40A38	6.054	6.330	18/32	2.00	
9	40A9	1.462	1.670	11/32	0.09	39	40A39	6.214	6.490	18/32	2.02	
10	40A10	1.618	1.840	1/2	0.11	40	40A40	6.373	6.650	19/32	2.22	
11	40A11	1.775	2.000	1/2	0.14	41	40A41	6.532	6.810	19/32	2.42	
12	40A12	1.932	2.170	1/2	0.48	42	40A42	6.691	6.970	19/32	2.50	
13	40A13	2.089	2.330	1/2	0.22	43	40A43	6.850	7.130	19/32	2.80	
14	40A14	2.247	2.490	1/2	0.26	44	40A44	7.009	7.290	19/32	2.85	
15	40A15	2.405	2.650	1/2	0.30	45	40A45	7.168	7.450	19/32	3.15	
16	40A16	2.563	2.810	1/2	0.34	46	40A46	7.327	7.610	19/32	3.26	
17	40A17	2.721	2.980	1/2	0.36	47	40A47	7.486	7.770	19/32	3.32	
18	40A18	2.879	3.140	1/2	0.44	48	40A48	7.645	7.930	19/32	3.42	
19	40A19	3.038	3.300	1/2	0.46	49	40A49	7.804	8.090	19/32	3.52	
20	40A20	3.196	3.460	1/2	0.56	50	40A50	7.963	8.250	19/32	3.62	
21	40A21	3.355	3.620	1/2	0.58	51	40A51	8.122	8.410	19/32	3.84	
22	40A22	3.513	3.780	1/2	0.66	52	40A52	8.281	8.570	19/32	4.08	
23	40A23	3.672	3.940	1/2	0.72	53	40A53	8.440	8.730	19/32	4.24	
24	40A24	3.831	4.100	1/2	0.82	54	40A54	8.599	8.890	19/32	4.44	
25	40A25	3.989	4.260	1/2	0.88	55	40A55	8.758	9.040	19/32	4.54	
26	40A26	4.148	4.420	1/2	0.94	56	40A56	8.917	9.200	19/32	4.84	
27	40A27	4.307	4.580	1/2	0.98	57	40A57	9.076	9.360	19/32	5.00	
28	40A28	4.466	4.740	1/2	1.10	58	40A58	9.236	9.520	19/32	5.12	
29	40A29	4.624	4.900	1/2	1.22	59	40A59	9.395	9.680	19/32	5.30	
30	40A30	4.783	5.060	19/32	1.26	60	40A60	9.554	9.840	19/32	5.48	
31	40A31	4.942	5.220	19/32	1.40	65	40A65	10.349	10.630	19/32	6.30	
32	40A32	5.101	5.380	19/32	1.48	70	40A70	11.145	11.430	19/32	7.24	
33	40A33	5.260	5.540	19/32	1.56	72	40A72	11.463	11.750	19/32	7.74	
34	40A34	5.412	5.700	19/32	1.64	80	40A80	12.736	13.030	19/32	9.30	
35	40A35	5.578	5.860	19/32	1.70	84	40A84	13.372	13.660	19/32	10.20	
36	40A36	5.737	6.020	19/32	1.84	96	40A96	15.281	15.570	19/16	12.15	
37	40A37	5.896	6.180	19/32	1.92	112	40A112	17.828	18.120	19/16	20.00	



Type C

Single-Type C

(Dimension, in)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	C Type C				
				Bore, d		HUB		Wt (App) (lbs)
				Min	Max	Dh	L	
12	40C12	1.932	2.170	1/2	1	1 1/8	1 1/2	0.75
13	40C13	2.089	2.330	1/2	1 1/8	1 3/8	1 1/2	0.94
14	40C14	2.247	2.490	1/2	1 1/8	1 1/2	1 1/2	0.91
15	40C15	2.405	2.650	1/2	1 1/8	1 3/4	1 1/2	1.19
16	40C16	2.563	2.810	1/2	1 3/8	2	1 1/2	1.34
17	40C17	2.721	2.980	1/2	1 1/2	2 1/8	1 1/2	1.50
18	40C18	2.879	3.140	1/2	1 1/2	2 1/4	1 1/2	1.80

*Has recessed groove in hub for chain clearance. Refer to tables for type B on page for hub and recess dimensions.

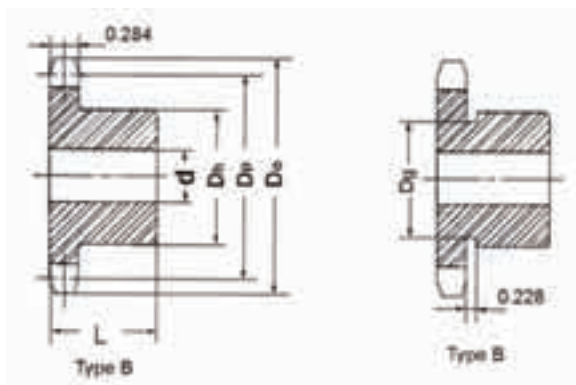
APPLIES TO THIS TABLE ONLY.

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 40 STOCK SPROCKETS 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

8 Teeth - 0.683"
9 Teeth - 0.850"
10 Teeth - 1.015"
11 Teeth - 1.179"
12 Teeth - 1.342"

Single-Type B

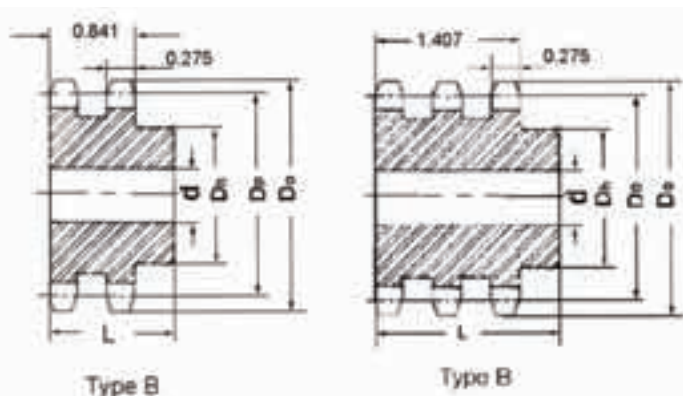
Type B

Type B

(Dimension in)

No Of Teeth	Catalog Num.	Pitch Dia Do	Outside Dia Dc	B BW Type B Type BW					No Of Teeth	Catalog Num.	Pitch Dia Do	Outside Dia Dc	B BW Type B Type BW				
				Bore d		HUB		Wt (App) (lbs)					Bore d	HUB		Wt (App) (lbs)	
				Min	Max	Dg	L							Min	Max		Dg
8	40B8	1.307	1.500	1.2	1.2	1.10	1.0	0.18	38	40B38	6.054	6.330	5.8	2.14	3.14	1	3.70
9	40B9	1.462	1.670	1.2	1.2	1.10	1.0	0.20	39	40B39	6.214	6.490	5.8	2.14	3.14	1	3.76
10	40B10	1.618	1.840	1.2	1.2	1.10	1.0	0.27	40	40B40	6.373	6.650	5.8	2.14	3.14	1.1	4.69
11	40B11	1.775	2.000	1.2	1.2	1.10	1.0	0.35	41	40B41	6.532	6.810	5.8	2.14	3.14	1.1	4.76
12	40B12	1.932	2.170	1.2	1.2	1.10	1.0	0.45	42	40B42	6.691	6.970	5.8	2.14	3.14	1.1	4.82
13	40B13	2.089	2.330	1.2	1.16	1.10	1.0	0.50	43	40B43	6.850	7.130	5.8	2.14	3.14	1.1	5.12
14	40B14	2.247	2.490	1.2	1.16	1.10	1.0	0.59	44	40B44	7.009	7.290	5.8	2.14	3.14	1.1	5.15
15	40B15	2.405	2.650	1.2	1.14	1.10	1.0	0.70	45	40B45	7.168	7.450	5.8	2.14	3.14	1.1	5.30
16	40B16	2.563	2.810	1.2	1.14	2	1.0	0.79	46	40B46	7.327	7.610	5.8	2.14	3.14	1.1	5.44
17	40B17	2.721	2.980	1.2	1.14	2.14	1	1.04	47	40B47	7.486	7.770	5.8	2.14	3.14	1.1	5.59
18	40B18	2.879	3.140	1.2	1.12	2.14	1	1.22	48	40B48	7.645	7.930	5.8	2.14	3.14	1.1	5.74
19	40B19	3.038	3.300	1.2	1.14	2.14	1	1.43	49	40B49	7.804	8.090	5.8	2.14	3.14	1.1	5.90
20	40B20	3.196	3.460	1.2	1.14	2.14	1	1.56	50	40B50	7.963	8.250	5.8	2.14	3.14	1.1	5.96
21	40B21	3.355	3.620	1.2	1.14	2.14	1	1.73	51	40B51	8.122	8.410	5.8	2.14	3.14	1.1	6.08
22	40B22	3.513	3.780	1.2	1.14	2.14	1	1.96	52	40B52	8.281	8.570	5.8	2.14	3.14	1.1	6.28
23	40B23	3.672	3.940	1.2	2	3	1	2.13	53	40B53	8.440	8.730	5.8	2.14	3.14	1.1	6.33
24	40B24	3.831	4.100	1.2	2.14	3.14	1	2.41	54	40B54	8.599	8.890	5.8	2.14	3.14	1.1	6.42
25	40B25	3.989	4.260	1.2	2.14	3.14	1	2.54	55	40B55	8.758	9.040	5.8	2.14	3.14	1.1	6.56
26	40B26	4.148	4.420	1.2	2.14	3.14	1	2.58	56	40B56	8.917	9.200	5.8	2.14	3.14	1.1	6.89
27	40B27	4.307	4.580	1.2	2.14	3.14	1	2.66	57	40B57	9.076	9.360	5.8	2.14	3.14	1.1	7.02
28	40B28	4.466	4.740	1.2	2.14	3.14	1	2.73	58	40B58	9.236	9.520	5.8	2.14	3.14	1.1	7.36
29	40B29	4.624	4.900	1.2	2.14	3.14	1	2.80	59	40B59	9.395	9.680	5.8	2.14	3.14	1.1	7.45
30	40B30	4.783	5.060	1.2	2.14	3.14	1	2.98	60	40B60	9.554	9.840	5.8	2.14	3.14	1.1	7.86
31	40B31	4.942	5.220	1.2	2.14	3.14	1	3.10	65	40B65	10.349	10.630	5.8	2.14	4	1.14	9.40
32	40B32	5.101	5.380	1.2	2.14	3.14	1	3.16	70	40B70	11.145	11.430	5.8	2.14	4	1.14	11.00
33	40B33	5.260	5.540	1.2	2.14	3.14	1	3.22	72	40B72	11.463	11.750	5.8	2.14	4	1.14	11.50
34	40B34	5.412	5.700	1.2	2.14	3.14	1	3.30	80	40B80	12.736	13.030	5.8	2.14	4	1.14	13.40
35	40B35	5.578	5.860	1.2	2.14	3.14	1	3.46	84	40B84	13.372	13.660	5.8	2.14	4	1.14	14.04
36	40B36	5.737	6.020	1.2	2.14	3.14	1	3.58	96	40B96	15.281	15.570	1	2.14	4	1.14	17.56
37	40B37	5.896	6.180	1.2	2.14	3.14	1	3.62	112	40B112	17.828	18.120	1	2.14	4	1.14	22.56

NO 40 STOCK SPROCKETS 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Refer to B or BS type on page 48 for recessed hub dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

+ Indicates NO keyway.

Two setscrews only at 90 degrees.

Double-Type B

Triple-Type B

(Dimension, in.)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	TYPE	B Double Type B					Catalog Num.	TYPE	B Triple Type B				
					Bore Id		HUB		Wt App (lbs)			Bore Id		HUB		Wt App (lbs)
					Min	Max	Di	L				Min	Max	Di	L	
11	D40B11	1.775	2.000	B	1/8	1/8	1/8	1/8	0.62	T40B11	B	1/8	1/8	1/8	2/8	0.80
12	D40B12	1.932	2.170	B	1/8	1/8	1/8	1/8	0.75	T40B12	B	1/8	1/8	1/8	2/8	1.10
13	D40B13	2.089	2.330	B	1/8	1/8	1/8	1/8	0.86	T40B13	B	1/8	1/8	1/8	2/8	1.24
14	D40B14	2.247	2.490	B	1/8	1/8	1/8	1/8	1.08	T40B14	B	1/8	1/8	1/8	2/8	1.50
15	D40B15	2.405	2.650	B	1/8	1/8	1/8	1/8	1.24	T40B15	B	1/8	1/8	1/8	2/8	1.76
16	D40B16	2.563	2.810	B	1/8	1/8	2/8	1/8	1.42	T40B16	B	1/8	1/8	2/8	2/8	2.04
17	D40B17	2.721	2.980	B	1/8	1/8	2/8	1/8	1.64	T40B17	B	1/8	1/8	2/8	2/8	2.34
18	D40B18	2.879	3.140	B	1/8	1/8	2/8	1/8	1.92	T40B18	B	1/8	1/8	2/8	2/8	2.72
19	D40B19	3.038	3.300	B	1/8	1/8	2/8	1/8	2.22	T40B19	B	1/8	1/8	2/8	2/8	3.10
20	D40B20	3.196	3.460	B	1/8	1/8	2/8	1/8	2.64	T40B20	B	1/8	1/8	2/8	2/8	3.72
21	D40B21	3.355	3.620	B	1/8	1/8	2/8	1/8	2.94	T40B21	B	1/8	1/8	2/8	2/8	4.06
22	D40B22	3.513	3.780	B	1/8	1/8	2/8	1/8	3.18	T40B22	B	1/8	1/8	2/8	2/8	4.52
23	D40B23	3.672	3.940	B	1/8	2/8	3/8	1/8	3.52	T40B23	B	1/8	2/8	3/8	2/8	4.96
24	D40B24	3.831	4.100	B	1/8	2/8	3/8	1/8	4.04	T40B24	B	1/8	2/8	3/8	2/8	5.64
25	D40B25	3.989	4.260	B	1/8	2/8	3/8	1/8	4.26	T40B25	B	1/8	2/8	3/8	2/8	6.02
26	D40B26	4.148	4.420	B	1/8	2/8	3/8	1/8	4.48	T40B26	B	1/8	2/8	3/8	2/8	6.36
30	D40B30	4.783	5.060	B	7/8	2/8	3/8	1/8	5.34	T40B30	B	7/8	2/8	3/8	2/8	7.84
35	D40B35	5.578	5.860	B	7/8	2/8	3/8	1/8	6.80	T40B35	B	7/8	2/8	3/8	2/8	10.30
36	D40B36	5.737	6.020	B	15/16	2/8	3/8	1/8	7.20	T40B36	B	15/16	2/8	3/8	2/8	11.72
40	D40B40	6.373	6.650	B	15/16	2/8	3/8	1/8	9.40							
42	D40B42	6.691	6.970	B	15/16	2/8	3/8	1/8	10.20	T40B42	B	15/16	2/8	3/8	2/8	15.36
45	D40B45	7.168	7.450	B	15/16	2/8	3/8	1/8	11.36							
48	D40B48	7.645	7.930	B	15/16	2/8	3/8	1/8	12.66	T40B48	B	15/16	2/8	3/8	2/8	19.36
52	D40B52	8.281	8.570	B	15/16	2/8	3/8	1/8	14.46	T40B52	B	15/16	2/8	3/8	2/8	22.44
54	D40B54	8.599	8.890	B	15/16	2/8	3/8	1/8	15.48							
60	D40B60	9.554	9.840	B	15/16	2/8	3/8	1/8	18.60	T40B60	B	15/16	2/8	3/8	2/8	30.02
68	D40B68	10.826	11.120	B	15/16	2/8	4/8	2/8	24.96	T40B68	B	15/16	2/8	4/8	2/8	38.44
72	D40B72	11.463	11.750	B	15/16	2/8	4/8	2/8	27.88	T40B72	B	15/16	2/8	4/8	2/8	42.46
76	D40B76	12.099	12.390	B	15/16	2/8	4/8	2/8	30.18	T40B76	B	15/16	2/8	4/8	2/8	46.90
84	D40B84	13.372	13.660	B	15/16	2/8	4/8	2/8	36.24	T40B84	B	15/16	2/8	4/8	2/8	57.30
95	D40B95	15.122	15.410	B	15/16	2/8	4/8	2/8	38.84	T40B95	B	15/16	2/8	4/8	2/8	62.18
96	D40B96	15.281	15.570	B	15/16	2/8	4/8	2/8	39.50							
102	D40B102	16.236	16.530	B	15/16	2/8	4/8	2/8	42.72	T40B102	B	15/16	2/8	4/8	2/8	68.40
112	D40B112	17.828	18.120	B	15/16	2/8	4/8	2/8	55.54							

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 50 STOCK SPROCKETS 5/8" PITCH

BORED TO SIZE

Single-Type BS

(Dimension in inches)

No. Teeth	Catalog Num.	OUTSIDE DIA Do	LENGTH THRU L	Wt (lbs)	STOCK FINISHED BoreS (Includes Keyway and Setscrew)									
9	50889	2.090	1	0.30	1									
10	50890	2.300	1	0.30	1									
11	50891	2.500	1	0.60	1									
12	50892	2.710	1	0.70	1	1.14	1.14	1.14						
13	50893	2.910	1	0.80	1	1.14	1.14	1.14						
14	50894	3.110	1	1.00	1	1.14	1.14	1.14						
15	50895	3.320	1	1.20	1	1.14	1.14	1.14	1.14	1.14	1.14			
16	50896	3.520	1	1.45	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14		
17	50897	3.720	1	1.60	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
18	50898	3.920	1	1.90	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
19	50899	4.120	1	2.00	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
20	50900	4.320	1	2.10	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
21	50901	4.520	1	2.25	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
22	50902	4.720	1	2.40	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
23	50903	4.920	1	2.50	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
24	50904	5.120	1.14	3.00	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
25	50905	5.320	1.14	3.10	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
26	50906	5.520	1.14	3.30	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
27	50907	5.720	1.14	3.46	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
28	50908	5.920	1.14	3.60	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
29	50909	6.120	1.14	3.78	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
30	50910	6.320	1.14	3.90	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
31	50911	6.520	1.14	4.46	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
32	50912	6.720	1.14	4.70	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
33	50913	6.920	1.14	4.92	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
34	50914	7.120	1.14	5.06	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
35	50915	7.320	1.14	5.30	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
36	50916	7.520	1.14	5.50	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
37	50917	7.720	1.14	5.62	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
38	50918	7.920	1.14	5.80	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
39	50919	8.120	1.14	6.02	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
40	50920	8.320	1.14	6.20	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
41	50921	8.520	1.14	6.45	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
42	50922	8.720	1.14	6.68	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
43	50923	8.910	1.14	6.79	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
44	50924	9.110	1.14	7.30	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
45	50925	9.310	1.14	8.00	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
46	50926	9.510	1.14	8.51	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
47	50927	9.710	1.14	8.76	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
48	50928	9.910	1.14	9.03	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
49	50929	10.110	1.14	9.33	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
50	50930	10.310	1.14	9.63	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
51	50931	10.510	1.14	9.81	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
52	50932	10.710	1.14	9.99	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
53	50933	10.910	1.14	10.37	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
54	50934	11.110	1.14	10.75	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
55	50935	11.310	1.14	11.08	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
56	50936	11.500	1.14	11.41	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
57	50937	11.700	1.14	11.75	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
58	50938	11.900	1.14	12.08	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
59	50939	12.100	1.14	12.41	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
60	50940	12.300	1.14	13.50	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
70	50970	14.290	1.14	17.81	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
72	50972	14.690	1.14	19.13	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
80	50980	16.280	1.14	24.39	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
84	50984	17.080	1.14	25.15	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
96	50996	19.470	1.14	32.57	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
112	509112	22.650	1.14	41.46	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	

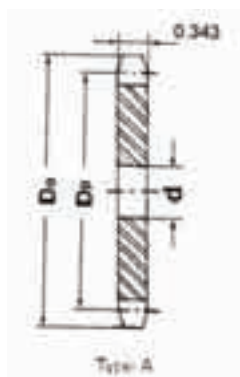


Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-12 teeth have a recessed groove in hub for chain clearance Refer to tables for type B on page 52 for hub and recess dimensions.

All sprockets shown accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the key way

NO 50 STOCK SPROCKETS 5/8" PITCH

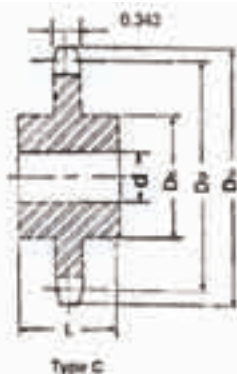


Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Single-Type A

No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	A Type A		No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	A Type A	
				Bore, d	Wt (App) (lbs)					Bore, d	Wt (App) (lbs)
8	50A8	1.633	1.880	1.12	0.20	40	50A40	7.966	8.320	23.32	4.46
9	50A9	1.827	2.090	1.12	0.24	41	50A41	8.165	8.520	23.32	4.86
10	50A10	2.023	2.300	1.12	0.28	42	50A42	8.363	8.720	23.32	4.96
11	50A11	2.219	2.500	1.12	0.31	43	50A43	8.562	8.910	23.32	5.24
12	50A12	2.415	2.710	1.12	0.34	44	50A44	8.761	9.110	23.32	5.42
13	50A13	2.612	2.910	1.12	0.42	45	50A45	8.960	9.310	23.32	5.92
14	50A14	2.803	3.110	1.12	0.50	46	50A46	9.159	9.510	23.32	6.42
15	50A15	3.006	3.320	1.12	0.54	47	50A47	9.357	9.710	23.32	6.50
16	50A16	3.204	3.520	1.12	0.68	48	50A48	9.556	9.910	23.32	6.58
17	50A17	3.401	3.720	1.12	0.76	49	50A49	9.755	10.110	23.32	7.06
18	50A18	3.599	3.920	1.12	0.86	50	50A50	9.954	10.310	23.32	7.10
19	50A19	3.797	4.120	1.12	0.94	51	50A51	10.153	10.510	23.32	7.32
20	50A20	3.995	4.320	1.12	1.06	52	50A52	10.351	10.710	23.32	7.98
21	50A21	4.194	4.520	1.12	1.12	53	50A53	10.550	10.910	23.32	8.08
22	50A22	4.392	4.720	1.12	1.30	54	50A54	10.749	11.110	23.32	8.30
23	50A23	4.590	4.920	1.12	1.44	55	50A55	10.948	11.310	23.32	8.56
24	50A24	4.788	5.120	1.12	1.50	56	50A56	11.147	11.500	23.32	8.90
25	50A25	4.987	5.320	1.12	1.62	57	50A57	11.346	11.700	23.32	9.38
26	50A26	5.185	5.520	1.12	1.72	58	50A58	11.544	11.900	23.32	10.30
27	50A27	5.384	5.720	1.12	1.96	59	50A59	11.743	12.100	23.32	10.50
28	50A28	5.582	5.920	1.12	2.04	60	50A60	11.942	12.300	23.32	10.80
29	50A29	5.781	6.120	1.12	2.36	65	50A65	12.936	13.300	23.32	10.90
30	50A30	5.979	6.320	1.12	2.54	70	50A70	13.931	14.290	23.32	14.00
31	50A31	6.178	6.520	1.12	2.80	72	50A72	14.329	14.690	23.32	15.24
32	50A32	6.376	6.720	1.12	2.92	76	50A76	15.124	15.486	23.32	20.08
33	50A33	6.575	6.920	1.12	3.14	80	50A80	15.920	16.280	23.32	21.00
34	50A34	6.774	7.120	1.12	3.20	84	50A84	16.715	17.080	23.32	22.08
35	50A35	6.972	7.320	1.12	3.34	90	50A90	17.906	18.270	23.32	25.00
36	50A36	7.171	7.520	1.12	3.82	95	50A95	18.903	19.270	23.32	27.00
37	50A37	7.370	7.720	1.12	3.98	96	50A96	19.102	19.470	23.32	27.40
38	50A38	7.569	7.920	1.12	4.14	102	50A102	20.295	20.660	23.32	32.50
39	50A39	7.767	8.120	1.12	4.42	112	50A112	22.285	22.650	23.32	37.70

Single-Type C



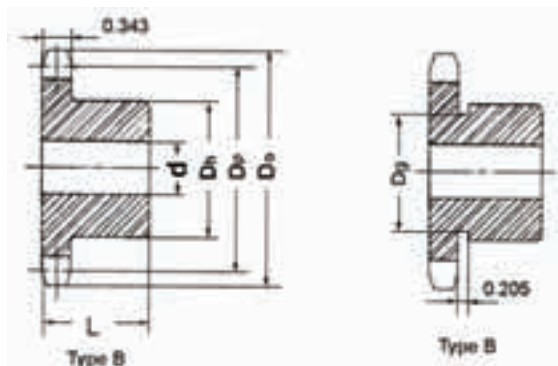
No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	C Type C					Wt (App) (lbs)
				Bore d		HUB			
				Min	Max	Dr	L		
12	50C12	2.415	2.710	1.12	1.12	2	1.12	1.25	..
13	50C13	2.612	2.910	1.12	1.12	1.12	1.12	1.47	..
14	50C14	2.803	3.110	1.12	1.12	2.12	1.12	1.69	..
15	50C15	3.006	3.320	1.12	1.12	2.12	1.12	1.94	..
16	50C16	3.204	3.520	1.12	1.12	2.12	1.12	2.42	..
17	50C17	3.401	3.720	1.12	1.12	2.12	1.12	2.75	..
18	50C18	3.599	3.920	1.12	1.12	2.12	1.12	3.25	..
19	50C19	3.797	4.120	1.12	2	3.12	1.12	3.87	..
20	50C20	3.995	4.320	1.12	2	3	1.12	4.40	..

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 50 STOCK SPROCKETS 5/8" PITCH



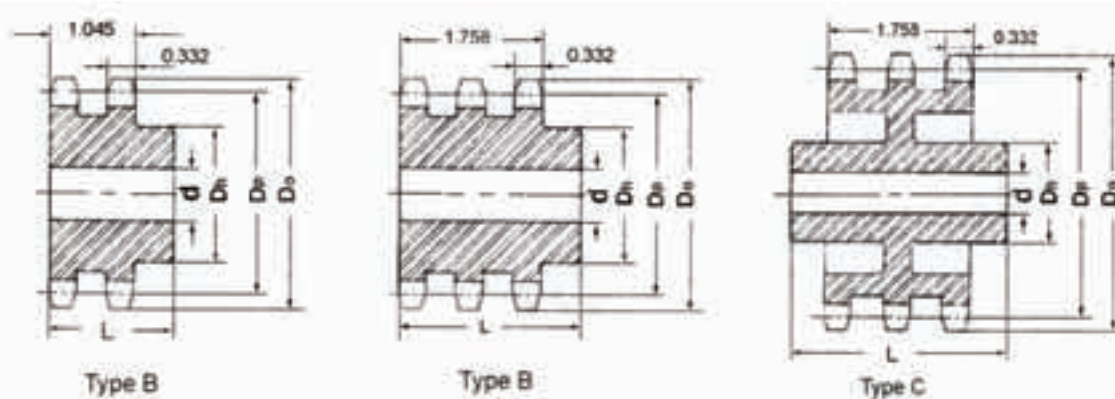
Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

- 8 teeth - 0.861"
- 9 teeth - 1.069"
- 10 teeth - 1.276"
- 11 teeth - 1.469"
- 12 teeth - 1.685"

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B BW Type B Type BW					No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B BW Type B Type BW				
				Bore d		HUB		Wt (App) (lbs)					Bore d		HUB		Wt (App) (lbs)
				Min	Max	Dh	L						Min	Max	Dh	L	
8	50B8	1.633	1.880	3/8	3/8	1 1/2"	1	0.25	40	50B40	7.966	8.320	3/4	2 1/4	3 1/4	1 1/4	6.50
9	50B9	1.827	2.090	3/8	3/8	1 3/4"	1	0.36	41	50B41	8.165	8.520	3/4	2 1/4	3 1/4	1 1/4	6.64
10	50B10	2.023	2.300	5/8	7/8	1 9/16"	1	0.48	42	50B42	8.363	8.720	3/4	2 1/4	3 1/4	1 1/4	6.96
11	50B11	2.219	2.500	5/8	1	1 1/2"	1	0.64	43	50B43	8.562	8.910	3/4	2 1/4	3 1/4	1 1/4	7.06
12	50B12	2.415	2.710	5/8	1 1/4	1 5/8"	1	0.83	44	50B44	8.761	9.110	3/4	2 1/4	3 1/4	1 1/4	7.58
13	50B13	2.612	2.910	5/8	1 5/16	1 7/8"	1	0.88	45	50B45	8.960	9.310	3/4	2 1/2	3 3/4	1 1/4	8.08
14	50B14	2.803	3.110	5/8	1 7/16	2 1/8"	1	1.13	46	50B46	9.159	9.510	3/4	2 1/2	3 3/4	1 1/4	8.22
15	50B15	3.006	3.320	5/8	1 1/2	2 1/8"	1	1.34	47	50B47	9.357	9.710	3/4	2 1/2	3 3/4	1 1/4	8.48
16	50B16	3.204	3.520	5/8	1 3/4	2 1/2"	1	1.51	48	50B48	9.556	9.910	1	2 1/2	3 3/4	1 1/4	9.28
17	50B17	3.401	3.720	5/8	1 7/8	2 11/16"	1	1.74	49	50B49	9.755	10.110	1	2 1/2	3 3/4	1 1/4	9.52
18	50B18	3.599	3.920	5/8	1 7/8	2 7/8"	1	2.00	50	50B50	9.954	10.310	1	2 1/2	3 3/4	1 1/4	9.78
19	50B19	3.797	4.120	5/8	2	3	1	2.22	51	50B51	10.153	10.510	1	2 1/2	3 3/4	1 1/4	10.00
20	50B20	3.995	4.320	3/4	2	3	1	2.28	52	50B52	10.351	10.710	1	2 1/2	3 3/4	1 1/4	10.24
21	50B21	4.194	4.520	7/8	2	3	1	2.40	53	50B53	10.550	10.910	1	2 1/2	3 3/4	1 1/4	10.48
22	50B22	4.392	4.720	1	2	3	1	2.56	54	50B54	10.749	11.110	1	2 1/2	3 3/4	1 1/4	10.80
23	50B23	4.590	4.920	1	2	3	1	2.66	55	50B55	10.948	11.310	1	2 1/2	3 3/4	1 1/4	11.00
24	50B24	4.788	5.120	1	2	3	1 1/4	3.30	56	50B56	11.147	11.500	1	2 1/2	3 3/4	1 1/4	11.40
25	50B25	4.987	5.320	1	2	3	1 1/4	3.40	57	50B57	11.346	11.700	1	2 1/2	3 3/4	1 1/4	11.70
26	50B26	5.185	5.520	1	2	3	1 1/4	3.44	58	50B58	11.544	11.900	1	2 1/2	3 3/4	1 1/4	12.00
27	50B27	5.384	5.720	1	2	3	1 1/4	3.74	59	50B59	11.743	12.100	1	2 1/2	3 3/4	1 1/4	12.32
28	50B28	5.582	5.920	1	2	3	1 1/4	3.80	60	50B60	11.942	12.300	1	2 1/2	3 3/4	1 1/4	13.00
29	50B29	5.781	6.120	1	2	3	1 1/4	4.06	65	50B65	12.936	13.300	1	2 1/2	3 3/4	1 1/4	15.50
30	50B30	5.979	6.320	1	2 1/4	3 1/4	1 1/4	4.56	70	50B70	13.931	14.290	1	2 1/2	3 3/4	1 1/4	18.16
31	50B31	6.178	6.520	1 1/4	2 1/4	3 1/4	1 1/4	4.74	72	50B72	14.329	14.690	1	2 1/2	3 3/4	1 1/4	19.48
32	50B32	6.376	6.720	1 1/4	2 1/4	3 1/4	1 1/4	4.96	76	50B76	15.124	15.486	1	2 1/2	3 3/4	1 1/4	21.00
33	50B33	6.575	6.920	1 1/4	2 1/4	3 1/4	1 1/4	5.14	80	50B80	15.920	16.280	1	2 3/4	4 1/4	1 3/4	24.74
34	50B34	6.774	7.120	1 1/4	2 1/4	3 1/4	1 1/4	5.29	84	50B84	16.715	17.080	1	2 3/4	4 1/4	1 3/4	25.50
35	50B35	6.972	7.320	1 1/4	2 1/4	3 1/4	1 1/4	5.44	90	50B90	17.906	18.270	1	2 3/4	4 1/4	1 3/4	29.00
36	50B36	7.171	7.520	1 1/4	2 1/4	3 1/4	1 1/4	5.64	95	50B95	18.903	19.270	1	2 3/4	4 1/4	1 3/4	32.00
37	50B37	7.370	7.720	1 1/4	2 1/4	3 1/4	1 1/4	5.90	96	50B96	19.102	19.470	1	2 3/4	4 1/4	1 3/4	32.92
38	50B38	7.569	7.920	1 1/4	2 1/4	3 1/4	1 1/4	6.08	102	50B102	20.295	20.660	1	2 3/4	4 1/4	1 3/4	36.30
39	50B39	7.767	8.120	1 1/4	2 1/4	3 1/4	1 1/4	6.30	112	50B112	22.285	22.650	1	2 3/4	4 1/4	1 3/4	42.00

NO 50 STOCK SPROCKETS 5/8" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Refer to B or BS type on page 52 for recessed hub dimensions.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double-Type B

Triple-Type B&C (Dimension, in.)

No. Of Teeth	Catalog Num.	Pitch Dia. Do	Outside Dia. Do	Type	B Double Type B					Catalog Num.	Type	B C TRIPLE Type B&Type C				
					Bore d		Hub		Wt. App. (lbs)			Bore d		Hub		Wt. App. (lbs)
					Min	Max	On	L				Min	Max	On	L	
11	D50B11	2.219	2.500	B	1/8	1/8	1 1/8	1 1/8	0.96	T50B11	B	1/8	1/8	1 1/8	2 1/2	1.42
12	D50B12	2.415	2.710	B	1/8	1/8	1 1/8	1 1/8	1.25	T50B12	B	1/8	1/8	1 1/8	2 1/2	1.84
13	D50B13	2.612	2.910	B	1/8	1/8	1 1/8	1 1/8	1.56	T50B13	B	1/8	1/8	1 1/8	2 1/2	2.28
14	D50B14	2.803	3.110	B	1/8	1/8	2 1/8	1 1/8	1.86	T50B14	B	1/8	1/8	2 1/8	2 1/2	2.72
15	D50B15	3.006	3.320	B	1/8	1/8	2 1/8	1 1/8	2.22	T50B15	B	1/8	1/8	2 1/8	2 1/2	3.24
16	D50B16	3.204	3.520	B	1/8	1/8	2 1/8	1 1/8	2.62	T50B16	B	1/8	1/8	2 1/8	2 1/2	3.76
17	D50B17	3.401	3.720	B	1/8	1/8	2 1/8	1 1/8	3.04	T50B17	B	1/8	1/8	2 1/8	2 1/2	4.36
18	D50B18	3.599	3.920	B	1/8	1/8	2 1/8	1 1/8	3.58	T50B18	B	1/8	1/8	2 1/8	2 1/2	5.10
19	D50B19	3.797	4.120	B	1/8	1/8	3 1/8	1 1/8	3.90	T50B19	B	1/8	1/8	3 1/8	2 1/2	5.60
20	D50B20	3.995	4.320	B	1/8	1/8	3 1/8	1 1/8	4.26	T50B20	B	1/8	1/8	3 1/8	2 1/2	6.42
21	D50B21	4.194	4.520	B	1/8	1/8	3 1/8	1 1/8	4.50	T50B21	B	1/8	1/8	3 1/8	2 1/2	7.42
22	D50B22	4.392	4.720	B	1/8	1/8	3 1/8	1 1/8	5.58	T50B22	B	1/8	1/8	3 1/8	2 1/2	7.92
23	D50B23	4.590	4.920	B	1/8	1/8	3 1/8	1 1/8	6.10	T50B23	B	1/8	1/8	3 1/8	2 1/2	8.80
24	D50B24	4.788	5.120	B	1/8	1/8	3 1/8	1 1/8	6.50	T50B24	B	1/8	1/8	3 1/8	2 1/2	9.42
25	D50B25	4.987	5.320	B	1/8	1/8	3 1/8	1 1/8	6.94	T50B25	B	1/8	1/8	3 1/8	2 1/2	10.16
26	D50B26	5.185	5.520	B	1/8	1/8	3 1/8	1 1/8	7.54	T50B26	B	1/8	1/8	3 1/8	2 1/2	11.02
30	D50B30	5.979	6.320	B	1/8	1/8	3 1/8	1 1/8	9.40	T50B30	B	1/8	1/8	3 1/8	2 1/2	14.24
32	D50B30	6.376	6.720	B	1/8	1/8	3 1/8	1 1/8	10.46							
35	D50B35	6.972	7.320	B	1/8	1/8	3 1/8	1 1/8	12.28	T50B35	B	1/8	1/8	3 1/8	2 1/2	18.96
36	D50B36	7.171	7.520	B	1 1/16	2 1/4	4	2 1/4	13.94	T50B36	B	1 1/16	2 1/4	4	2 1/4	20.60
40	D50B40	7.966	8.320	B	1 1/16	2 1/4	4	2 1/4	16.54							
42	D50B42	8.363	8.720	B	1 1/16	2 1/4	4	2 1/4	17.92	T50B42	B	1 1/16	2 1/4	4	2 1/4	27.46
45	D50B45	8.960	9.310	B	1 1/16	2 1/4	4	2 1/4	20.30							
48	D50B48	9.556	9.910	B	1 1/16	2 1/4	4 1/4	2 1/4	24.08	T50B48	B	1 1/16	2 1/4	4	3 1/8	36.64
52	D50B52	10.351	10.710	B	1 1/16	2 1/4	4 1/4	2 1/4	27.42	T50B52	B	1 1/16	2 1/4	4	3 1/8	42.64
54	D50B54	10.749	11.110	B	1 1/16	2 1/4	4 1/4	2 1/4	29.16							
60	D50B60	11.942	12.300	B	1 1/16	3	4 1/2	2 1/4	35.88	T50B60	B	1 1/16	3	4 1/2	3 1/8	56.84
68	D50B68	13.533	13.890	B	1 1/16	3	4 1/2	2 1/4	44.98	T50B68	B	1 1/16	3	4 1/2	3 1/8	73.21
72	D50B72	14.329	14.690	B	1 1/16	3	4 1/2	2 1/4	50.22	T50C72	C	1 1/16	3	4 1/2	3 1/2	54.40
76	D50B76	15.124	15.486	B	1 1/16	3	4 1/2	2 1/4	45.64	T50C76	C	1 1/16	3	4 1/2	3 1/2	57.20
84	D50B84	16.715	17.080	B	1 1/16	3	4 1/2	2 1/4	51.64	T50C84	C	1 1/16	3	4 1/2	3 1/2	65.32
95	D50B95	18.903	19.270	B	1 1/16	3	4 1/2	2 1/4	64.32	T50C95	C	1 1/16	3	4 1/2	3 1/2	74.42
96	D50B96	19.102	19.470	B	1 1/16	3	4 1/2	2 1/4	67.42							
102	D50B102	20.295	20.660	B	1 1/16	3	4 1/2	2 1/4	72.68	T50C102	C	1 1/16	3	4 1/2	3 1/2	79.94
112	D50B112	22.285	22.650	B	1 1/16	3 1/8	5 1/4	2 1/4	90.22							

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

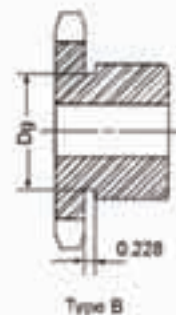
NO 60 STOCK SPROCKETS 3/4" PITCH

BORED TO SIZE

Single-Type BS

(Dimension, in.)

No. Teeth	Catalog Num.	Outside Dia. Do	Length Thru L	Wt (App.) (lbs.)	Stock Finished Bores/Includes Keyway and Setscrew											
9	60BS9	2.510	1.1	0.6	1.4	1.8	1									
10	60BS10	2.760	1.1	0.7	1.4	1.8	1	1.4	1.8	1.4						
11	60BS11	3.000	1.1	0.9	1.4	1.8	1	1.8	1.8	1.4						
11	60BS11W	3.000	1.1	0.8												
12	60BS12	3.250	1.1	1.3	1.4	1.8	1	1.8	1.8	1.4	1.8					
12	60BS12W	3.250	1.1	1.1												
13	60BS13	3.490	1.1	1.3	1.4	1.8	1	1.8	1.8	1.4	1.8	1.8	1.4			
14	60BS14	3.740	1.1	1.6	1.4	1.8	1	1.8	1.8	1.4	1.8	1.8	1.4			
15	60BS15	3.980	1.1	1.7	1.4	1.8	1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	
16	60BS16	4.220	1.1	2.1	1.4	1.8	1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	
17	60BS17	4.460	1.1	2.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
18	60BS18	4.700	1.1	2.6			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
18	60BS18W	4.700	1.1	2.6												
19	60BS19	4.950	1.1	3.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
20	60BS20	5.190	1.1	3.9			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
21	60BS21	5.430	1.1	4.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
22	60BS22	5.670	1.1	4.7			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
23	60BS23	5.910	1.1	5.0			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
24	60BS24	6.150	1.1	5.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
25	60BS25	6.390	1.1	5.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
26	60BS26	6.630	1.1	5.8			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
27	60BS27	6.870	1.1	6.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
28	60BS28	7.110	1.1	6.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
29	60BS29	7.350	1.1	6.9			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
30	60BS30	7.590	1.1	7.1			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
31	60BS31	7.830	1.1	7.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
32	60BS32	8.070	1.1	7.8			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
33	60BS33	8.300	1.1	8.2			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
34	60BS34	8.540	1.1	8.5			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
35	60BS35	8.780	1.1	8.8			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
36	60BS36	9.020	1.1	9.2			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
37	60BS37	9.260	1.1	9.9			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
38	60BS38	9.500	1.1	10.5			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
39	60BS39	9.740	1.1	10.9			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
40	60BS40	9.980	1.1	11.2			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
41	60BS41	10.220	1.1	11.8			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
42	60BS42	10.460	1.1	12.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
43	60BS43	10.700	1.1	13.0			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
44	60BS44	10.940	1.1	13.5			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
45	60BS45	11.180	1.1	13.8			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
46	60BS46	11.420	1.1	14.1			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
47	60BS47	11.650	1.1	14.6			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
48	60BS48	11.890	1.1	15.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
49	60BS49	12.130	1.1	16.4			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
50	60BS50	12.370	1.1	17.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
51	60BS51	12.610	1.1	18.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
52	60BS52	12.850	1.1	19.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
53	60BS53	13.090	1.1	20.3			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
54	60BS54	13.330	1.1	21.0			1	1.8	1.8	1.4	1.8	1.8	1.4	1.8	1.8	1.8
55	60BS55	13.570	1.1	21.2							1.8	1.8	1.4	1.8	1.8	1.8
56	60BS56	13.810	1.1	21.3							1.8	1.8	1.4	1.8	1.8	1.8
57	60BS57	14.040	1.1	22.2							1.8	1.8	1.4	1.8	1.8	1.8
58	60BS58	14.280	1.1	23.0							1.8	1.8	1.4	1.8	1.8	1.8
59	60BS59	14.520	1.1	23.8							1.8	1.8	1.4	1.8	1.8	1.8
60	60BS60	14.760	1.1	25.0							1.8	1.8	1.4	1.8	1.8	1.8
70	60BS70	17.150	1.1	31.4							1.8	1.8	1.4	1.8	1.8	1.8
72	60BS72	17.630	2	33.5							1.8	1.8	1.4	1.8	1.8	1.8
80	60BS80	19.540	2	41.2							1.8	1.8	1.4	1.8	1.8	1.8
84	60BS84	20.490	2	45.8							1.8	1.8	1.4	1.8	1.8	1.8
96	60BS96	23.360	2.1	62.3							1.8	1.8	1.4	1.8	1.8	1.8
112	60BS112	27.180	2.1	81.6							1.8	1.8	1.4	1.8	1.8	1.8



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-11 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 56 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

NO 60 STOCK SPROCKETS 3/4" PITCH

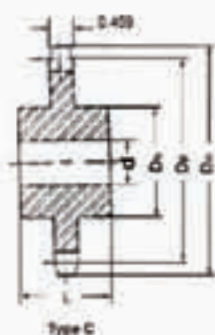


Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Single-Type A

(Dimension, in)

No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	Type A		No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	Type A	
				Bore, d	Wt (App) (lbs)					Bore, d	Wt (App) (lbs)
8	60A8	1.960	2.260	1.1	0.20	41	60A41	9.798	10.200	11.8	9.10
9	60A9	2.193	2.510	1.1	0.22	42	60A42	10.037	10.460	11.8	9.74
10	60A10	2.427	2.760	1.1	0.44	43	60A43	10.275	10.700	11.8	9.84
11	60A11	2.663	3.000	1.1	0.54	44	60A44	10.514	10.940	11.8	10.76
12	60A12	2.898	3.250	1.1	0.68	45	60A45	10.752	11.180	11.8	11.08
13	60A13	3.134	3.490	1.1	0.80	46	60A46	10.991	11.420	11.8	11.50
14	60A14	3.371	3.740	1.1	0.94	47	60A47	11.229	11.650	11.8	12.32
15	60A15	3.608	3.980	1.1	1.08	48	60A48	11.468	11.890	11.8	12.42
16	60A16	3.845	4.220	1.1	1.24	49	60A49	11.706	12.130	11.8	12.92
17	60A17	4.082	4.460	1.1	1.44	50	60A50	11.945	12.370	11.8	13.98
18	60A18	4.319	4.700	1.1	1.62	51	60A51	12.183	12.610	11.8	14.58
19	60A19	4.557	4.950	1.1	1.84	52	60A52	12.422	12.850	11.8	14.60
20	60A20	4.794	5.190	1.1	2.12	53	60A53	12.660	13.090	11.8	15.84
21	60A21	5.033	5.430	1.1	2.28	54	60A54	12.899	13.330	11.8	15.92
22	60A22	5.270	5.670	1.1	2.48	55	60A55	13.137	13.570	11.8	16.96
23	60A23	5.508	5.910	1.1	2.68	56	60A56	13.376	13.810	11.8	17.60
24	60A24	5.746	6.150	1.1	3.00	57	60A57	13.615	14.040	11.8	17.62
25	60A25	5.984	6.390	1.1	3.34	58	60A58	13.853	14.280	11.8	19.00
26	60A26	6.222	6.630	1.1	3.54	59	60A59	14.092	14.520	11.8	19.20
27	60A27	6.461	6.870	1.1	3.96	60	60A60	14.330	14.760	11.8	20.02
28	60A28	6.698	7.110	1.1	4.14	64	60A64	15.285	15.720	11.8	23.00
29	60A29	6.937	7.350	1.1	4.40	65	60A65	15.524	15.960	11.8	23.24
30	60A30	7.175	7.590	1.1	4.78	66	60A66	15.762	16.190	11.8	24.42
31	60A31	7.413	7.830	23.32	5.24	68	60A68	16.240	16.670	11.8	25.54
32	60A32	7.652	8.070	23.32	5.52	70	60A70	16.717	17.150	11.8	27.20
33	60A33	7.890	8.300	19.18	5.86	72	60A72	17.195	17.630	11.8	28.90
34	60A34	8.129	8.540	19.18	6.16	76	60A76	18.149	18.580	11.8	32.34
35	60A35	8.367	8.780	19.18	6.78	80	60A80	19.103	19.540	11.8	40.18
36	60A36	8.606	9.020	19.18	6.82	84	60A84	20.058	20.490	11.8	43.44
37	60A37	8.844	9.260	19.18	7.52	90	60A90	21.491	21.930	11.8	45.50
38	60A38	9.083	9.500	19.18	7.84	96	60A96	22.922	23.360	11.8	52.02
39	60A39	9.321	9.740	19.18	8.28	112	60A112	26.741	27.180	11.8	70.80
40	60A40	9.560	9.980	19.18	8.56						



Single-Type C

(Dimension, in)

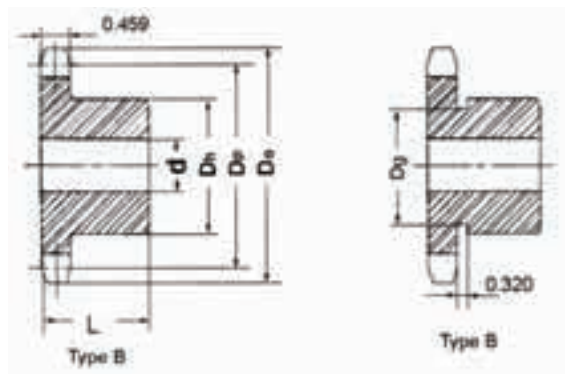
No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	Type C				
				Bore, d		Hub		Wt (App) (lbs)
				Min	Max	Dh	L	
12	60C12	2.898	3.250	3/4	1 1/8	2 1/8	2	2.25
13	60C13	3.134	3.490	3/4	1 1/2	2 11/32	2	2.75
14	60C14	3.371	3.740	3/4	1 3/4	2 5/16	2	3.19
15	60C15	3.608	3.980	3/4	1 7/8	2 7/8	2	3.70
16	60C16	3.845	4.220	3/4	2	3 1/16	2	4.19
17	60C17	4.082	4.460	3/4	2 1/8	3 1/4	2	4.81
18	60C18	4.319	4.700	3/4	2 1/4	3 1/2	2	5.62

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 60 STOCK SPROCKETS 3/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter D_g is indicated below:

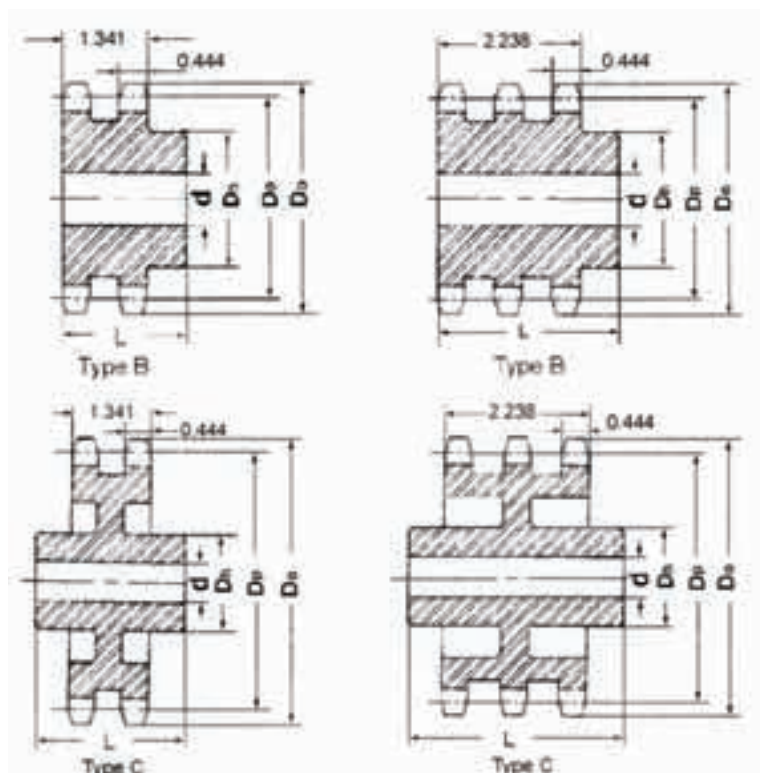
- 8 Teeth - 1.075"
- 9 Teeth - 1.307"
- 10 Teeth - 1.555"
- 11 Teeth - 1.803"

Single-Type B

(Dimension, in.)

No. of Teeth	Catalog Num.	Pitch Dia. D_p	Outside Dia. D_o	B Type B					BW Type BW					No. of Teeth	Catalog Num.	Pitch Dia. D_p	Outside Dia. D_o	B Type B					BW Type BW				
				Bore, d		Hub		Wt (App.) (lbs.)	Bore, d		Hub		Wt (App.) (lbs.)					Bore, d		Hub		Wt (App.) (lbs.)	Bore, d		Hub		Wt (App.) (lbs.)
				Min	Max	D_h	L		Min	Max	D_h	L						Min	Max	D_h	L		Min	Max	D_h	L	
8	60B8	1.960	2.260	5/8	5/8	1 15/32	1 1/4	0.54	41	60B41	9.798	10.200	1	2 1/4	4 1/4	1 1/4	12.14	1	2 1/4	4 1/4	1 1/4	12.14					
9	60B9	2.193	2.510	3/4	7/8	1 9/16	1 1/4	0.64	42	60B42	10.037	10.460	1	2 3/8	4 1/4	1 1/4	12.74	1	2 3/8	4 1/4	1 1/4	12.74					
10	60B10	2.427	2.760	3/4	1 1/8	1 15/16	1 1/4	0.99	43	60B43	10.275	10.700	1	2 3/4	4 1/4	1 1/4	13.00	1	2 3/4	4 1/4	1 1/4	13.00					
11	60B11	2.663	3.000	3/4	1 1/8	2 1/16	1 1/4	1.16	44	60B44	10.514	10.940	1 1/8	2 3/4	4 1/4	1 1/4	13.88	1 1/8	2 3/4	4 1/4	1 1/4	13.88					
12	60B12	2.898	3.250	3/4	1 3/8	2 3/8	1 1/4	1.47	45	60B45	10.752	11.180	1 1/8	2 3/4	4 1/4	1 1/4	13.98	1 1/8	2 3/4	4 1/4	1 1/4	13.98					
13	60B13	3.134	3.490	3/4	1 1/2	2 11/32	1 1/4	1.66	46	60B46	10.991	11.420	1 1/8	2 3/4	4 1/4	1 1/4	14.60	1 1/8	2 3/4	4 1/4	1 1/4	14.60					
14	60B14	3.371	3.740	3/4	1 3/4	2 9/16	1 1/4	2.00	47	60B47	11.229	11.650	1 1/8	2 3/4	4 1/4	1 1/4	15.00	1 1/8	2 3/4	4 1/4	1 1/4	15.00					
15	60B15	3.608	3.980	3/4	1 7/8	2 7/8	1 1/4	2.51	48	60B48	11.468	11.890	1 1/8	2 3/4	4 1/4	1 1/4	15.42	1 1/8	2 3/4	4 1/4	1 1/4	15.42					
16	60B16	3.845	4.220	3/4	2	3 1/16	1 1/4	2.81	49	60B49	11.706	12.130	1 1/8	2 3/4	4 1/4	1 1/4	15.90	1 1/8	2 3/4	4 1/4	1 1/4	15.90					
17	60B17	4.082	4.460	3/4	2 1/8	3 1/4	1 1/4	3.22	50	60B50	11.945	12.370	1 1/8	2 3/4	4 1/4	1 1/4	16.40	1 1/8	2 3/4	4 1/4	1 1/4	16.40					
18	60B18	4.319	4.700	3/4	2 3/8	3 1/2	1 1/4	3.72	51	60B51	12.183	12.610	1 1/8	2 3/4	4 1/4	1 1/4	16.90	1 1/8	2 3/4	4 1/4	1 1/4	16.90					
19	60B19	4.557	4.950	3/4	2 3/8	3 1/2	1 1/4	3.92	52	60B52	12.422	12.850	1 1/8	2 3/4	4 1/4	1 1/4	17.43	1 1/8	2 3/4	4 1/4	1 1/4	17.43					
20	60B20	4.794	5.190	3/4	2 3/8	3 7/8	1 1/4	4.63	53	60B53	12.660	13.090	1 1/8	2 3/4	4 1/4	1 1/4	17.99	1 1/8	2 3/4	4 1/4	1 1/4	17.99					
21	60B21	5.033	5.430	3/4	2 3/4	4	1 1/4	5.00	54	60B54	12.899	13.330	1 1/8	2 3/4	4 1/4	1 1/4	20.60	1 1/8	2 3/4	4 1/4	1 1/4	20.60					
22	60B22	5.270	5.670	3/4	2 3/4	4	1 1/4	5.25	55	60B55	13.137	13.570	1 1/8	2 3/4	4 1/4	1 1/4	21.14	1 1/8	2 3/4	4 1/4	1 1/4	21.14					
23	60B23	5.508	5.910	3/4	2 3/4	4	1 1/4	5.48	56	60B56	13.376	13.810	1 1/8	2 3/4	4 1/4	1 1/4	21.88	1 1/8	2 3/4	4 1/4	1 1/4	21.88					
24	60B24	5.746	6.150	3/4	2 3/4	4	1 1/4	5.78	57	60B57	13.615	14.040	1 1/8	2 3/4	4 1/4	1 1/4	22.26	1 1/8	2 3/4	4 1/4	1 1/4	22.26					
25	60B25	5.984	6.390	3/4	2 3/4	4	1 1/4	6.13	58	60B58	13.853	14.280	1 1/8	2 3/4	4 1/4	1 1/4	22.80	1 1/8	2 3/4	4 1/4	1 1/4	22.80					
26	60B26	6.222	6.630	3/4	2 3/4	4	1 1/4	6.38	59	60B59	14.092	14.520	1 1/8	2 3/4	4 1/4	1 1/4	23.86	1 1/8	2 3/4	4 1/4	1 1/4	23.86					
27	60B27	6.461	6.870	3/4	2 3/4	4	1 1/4	6.72	60	60B60	14.330	14.760	1 1/8	2 3/4	4 1/4	1 1/4	25.22	1 1/8	2 3/4	4 1/4	1 1/4	25.22					
28	60B28	6.698	7.110	3/4	2 3/4	4	1 1/4	6.88	61	60B61	15.285	15.720	1 1/8	2 3/4	4 1/4	1 1/4	27.40	1 1/8	2 3/4	4 1/4	1 1/4	27.40					
29	60B29	6.937	7.350	3/4	2 3/4	4	1 1/4	7.28	62	60B62	15.524	15.960	1 1/8	2 3/4	4 1/4	1 1/4	28.92	1 1/8	2 3/4	4 1/4	1 1/4	28.92					
30	60B30	7.175	7.590	3/4	2 3/4	4	1 1/4	7.58	63	60B63	15.762	16.190	1 1/8	2 3/4	4 1/4	1 1/4	30.10	1 1/8	2 3/4	4 1/4	1 1/4	30.10					
31	60B31	7.413	7.830	3/4	2 3/4	4	1 1/4	7.72	64	60B64	16.240	16.670	1 1/8	2 3/4	4 1/4	1 1/4	30.38	1 1/8	2 3/4	4 1/4	1 1/4	30.38					
32	60B32	7.652	8.070	3/4	2 3/4	4	1 1/4	8.26	70	60B70	16.717	17.150	1 1/8	2 3/4	4 1/4	1 1/4	31.98	1 1/8	2 3/4	4 1/4	1 1/4	31.98					
33	60B33	7.890	8.300	1	2 3/4	4	1 1/4	8.42	72	60B72	17.195	17.630	1 1/8	2 3/4	4 1/4	2	34.18	1 1/8	2 3/4	4 1/4	2	34.18					
34	60B34	8.129	8.540	1	2 3/4	4	1 1/4	8.80	75	60B75	18.149	18.580	1 1/8	2 3/4	4 1/4	2	38.06	1 1/8	2 3/4	4 1/4	2	38.06					
35	60B35	8.367	8.780	1	2 3/4	4	1 1/4	9.04	80	60B80	19.103	19.540	1 1/8	2 3/4	4 1/4	2	41.88	1 1/8	2 3/4	4 1/4	2	41.88					
36	60B36	8.606	9.020	1	2 3/4	4	1 1/4	9.60	84	60B84	20.058	20.490	1 1/8	3 1/4	4 1/4	2	46.46	1 1/8	3 1/4	4 1/4	2	46.46					
37	60B37	8.844	9.260	1	2 3/4	4	1 1/4	10.24	90	60B90	21.491	21.930	1 1/8	3 1/4	5	2 1/8	63.20	1 1/8	3 1/4	5 1/2	2 1/8	63.20					
38	60B38	9.083	9.500	1	2 3/4	4 1/4	1 1/4	10.84	96	60B96	22.922	23.360	1 1/8	3 1/4	5 1/2	2 1/8	65.08	1 1/8	3 1/4	5 1/2	2 1/8	65.08					
39	60B39	9.321	9.740	1	2 3/4	4 1/4	1 1/4	11.36	112	60B112	26.741	27.180	1 1/8	3 1/4	5 1/2	2 1/8	81.78	1 1/8	3 1/4	5 1/2	2 1/8	81.78					
40	60B40	9.560	9.980	1	2 3/4	4 1/4	1 1/4	11.50																			

NO 60 STOCK SPROCKETS 3/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Refer to B or BS type on page for recessed hub dimensions.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double-Type B&C

Triple-Type B&C (Dimension, in.)

No. Of Teeth	Catalog Num.	Pitch Dia. Dp	Outside Dia. Do	Type	B C Double Type B-Type C					Catalog Num.	Type	B C Triple Type B-Type C				
					Bore, d		Hub		Wt. (lbs.)			Bore, d		Hub		Wt. (lbs.)
					Min	Max	Dh	L				Min	Max	Dh	L	
11	D60B11	2.563	3.000	B	1	1.14	1.118	2.18	1.62	T60B11	B	1	1.14	1.118	3	2.5
12	D60B12	2.898	3.250	B	1	1.18	2.18	2.18	2.20	T60B12	B	1	1.18	2.18	3	3.3
13	D60B13	3.134	3.490	B	1	1.17	2.18	2.18	2.60	T60B13	B	1	1.17	2.18	3	3.9
14	D60B14	3.371	3.740	B	1	1.16	2.18	2.18	3.24	T60B14	B	1	1.16	2.18	3	4.5
15	D60B15	3.608	3.980	B	1	1.15	2.18	2.18	3.96	T60B15	B	1	1.15	2.18	3	5.4
16	D60B16	3.845	4.220	B	1	2	3	2.18	4.62	T60B16	B	1	2	3	3	6.5
17	D60B17	4.082	4.460	B	1	2.18	3.18	2.18	5.40	T60B17	B	1	2.18	3.18	3	7.7
18	D60B18	4.319	4.700	B	1	2.18	3.18	2.18	6.24	T60B18	B	1	2.18	3.18	3	8.5
19	D60B19	4.557	4.950	B	1	2.18	3.118	2.18	7.00	T60B19	B	1	2.18	3.118	3	10.0
20	D60B20	4.794	5.190	B	1	2.18	3.18	2.18	7.72	T60B20	B	1	2.18	3.18	3	11.2
21	D60B21	5.033	5.430	B	1	2.18	4.18	2.18	8.82	T60B21	B	1	2.18	4.18	3	12.5
22	D60B22	5.270	5.670	B	1	2.18	4.18	2.18	9.68	T60B22	B	1	2.18	4.18	3	13.2
23	D60B23	5.508	5.910	B	1	2.18	4.18	2.18	10.30	T60B23	B	1	2.18	4.18	3	14.6
24	D60B24	5.746	6.150	B	1	2.18	4.18	2.18	11.14	T60B24	B	1	2.18	4.18	3	15.8
25	D60B25	5.984	6.390	B	1	2.18	4.18	2.18	11.96	T60B25	B	1	2.18	4.18	3	17.0
26	D60B26	6.222	6.630	B	1	2.18	4.18	2.18	12.70	T60B26	B	1	2.18	4.18	3	18.6
30	D60B30	7.175	7.590	B	1	2.18	4.18	2.18	16.36	T60B30	B	1	2.18	4.18	3	23.2
32	D60B32	7.652	8.070	B	1.14	3	4.18	2.18	19.52	T60B32	B	1	2.18	4.18	3	
35	D60B35	8.367	8.780	B	1.14	3	4.18	2.18	22.80	T60B35	B	1.14	3	4.18	3.18	34.5
36	D60B36	8.606	9.020	B	1.14	3	4.18	2.18	23.82	T60B36	B	1.14	3	4.18	3.18	37.0
40	D60B40	9.560	9.980	B	1.14	3.18	4.18	2.18	30.84	T60B40	B	1.14	3.18	4.18	3.18	
42	D60B42	10.037	10.460	B	1.14	3.18	4.18	2.18	33.08	T60B42	B	1.14	3.18	4.18	3.18	49.0
45	D60B45	10.750	11.180	B	1.14	3.18	4.18	2.18	37.08	T60B45	B	1.14	3.18	4.18	3.18	57.0
52	D60B52	12.422	12.850	B	1.14	3.18	4.18	2.18	48.70	T60C52	C	1.14	3.18	4.18	3.18	73.0
60	D60B60	14.330	14.760	B	1.14	3.18	4.18	2.18	63.10	T60C60	C	1.14	3.18	4.18	3.18	76.6
68	D60C68	16.240	16.670	C	1.14	3.18	5	3	53.68	T60C68	C	1.14	3.18	5	3.18	80.0
72	D60C72	17.195	17.630	C	1.14	3.18	5	3	53.74	T60C72	C	1.14	3.18	5	3.18	82.0
76	D60C76	18.149	18.580	C	1.14	3.18	5	3	60.28	T60C76	C	1.14	3.18	5.18	3.18	85.0
95	D60C95	22.683	23.120	C	1.14	3.18	5.18	3.18	87.14	T60C95	C	1.14	3.18	5.18	4	105.0

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

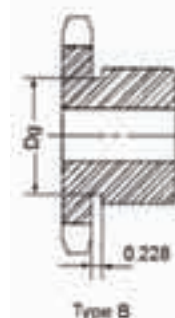
NO 80 STOCK SPROCKETS 1" PITCH

BORED TO SIZE

Single-Type BS

(Dimension in.)

No. Teeth	Catalog Num.	Outside Dia.	Length Thru	Wt. App. (lbs.)	Stock Finished Bore/Includes Keyway and Setscrew														
9	80BS9	3.350	1.4	1.6	1	1.14	1.14	1.14											
10	80BS10	3.680	1.4	1.7	1	1.14	1.14	1.14											
10	80BS10W	3.680	1.4	1.7				1.14											
11	80BS11	4.010	1.4	1.8	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14							
11	80BS11W	4.010	1.4	1.8				1.14											
12	80BS12	4.330	1.4	3.0	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14						
12	80BS12W	4.330	1.4	3.0				1.14											
13	80BS13	4.660	1.7	3.5	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2		
14	80BS14	4.980	1.7	4.1	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2		
15	80BS15	5.300	1.7	5.2	1	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2		
15	80BS15W	5.300	1.7	5.3				1.14											
16	80BS16	5.630	1.7	5.5	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	
17	80BS17	5.950	1.7	6.0	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
18	80BS18	6.270	1.7	6.5	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
18	80BS18W	6.270	1.7	6.0				1.14											
19	80BS19	6.590	1.7	7.0	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
20	80BS20	6.910	1.7	8.0	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
21	80BS21	7.240	1.4	8.9	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
22	80BS22	7.560	1.4	9.5	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
23	80BS23	7.880	1.4	10.2	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
24	80BS24	8.200	1.4	10.8	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
25	80BS25	8.520	1.4	11.4	1		1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
26	80BS26	8.840	2	14.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
27	80BS27	9.160	2	14.7			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
28	80BS28	9.480	2	15.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
29	80BS29	9.800	2	16.4			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
30	80BS30	10.110	2	16.7			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
31	80BS31	10.430	2	18.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
32	80BS32	10.750	2	18.8			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
33	80BS33	11.070	2	18.9			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
34	80BS34	11.390	2	20.6			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
35	80BS35	11.710	2	21.4			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
36	80BS36	12.030	2	22.4			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
37	80BS37	12.350	2	23.9			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
38	80BS38	12.670	2	24.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
39	80BS39	12.990	2	24.9			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
40	80BS40	13.310	2	26.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
41	80BS41	13.630	2	27.1			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
42	80BS42	13.940	2	28.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
43	80BS43	14.260	2	29.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
44	80BS44	14.580	2	30.2			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
45	80BS45	14.900	2	31.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
46	80BS46	15.220	2	32.4			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
47	80BS47	15.540	2	33.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
48	80BS48	15.860	2	34.8			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
49	80BS49	16.180	2	35.1			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
50	80BS50	16.500	2	36.6			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
51	80BS51	16.810	2	38.5			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
52	80BS52	17.130	2	40.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
53	80BS53	17.450	2	42.2			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
54	80BS54	17.770	2	44.0			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
55	80BS55	18.090	2	46.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
56	80BS56	18.410	2	47.3			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
57	80BS57	18.730	2	48.9			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
58	80BS58	19.040	2	50.6			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
59	80BS59	19.360	2	52.2			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14
60	80BS60	19.680	2	58.8			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	2	2.14	2.14

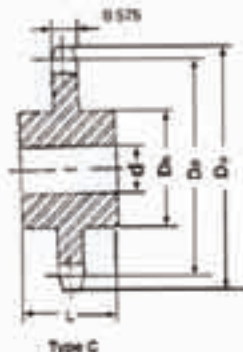


Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-12 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 60 for hub and recess dimensions.

Unless indicated, all sprockets shown accommodate a standard keyway with a setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, shallow keyway, or setscrews at an angle to the keyway.

NO 80 STOCK SPROCKETS 1" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Single-Type A

(Dimension, in.)

No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Ds	A Type A		No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Ds	A Type A	
				Bore, d	Wt (App) (lbs)					Bore, d	Wt (App) (lbs)
8	80A8	2.613	3.010	1.0	0.7	39	80A39	12.428	12.950	1.5	17.9
9	80A9	2.924	3.350	1.0	0.8	40	80A40	12.746	13.310	1.5	18.9
10	80A10	3.236	3.680	1.0	1.0	41	80A41	13.064	13.630	1.5	21.0
11	80A11	3.550	4.010	1.0	1.3	42	80A42	13.382	13.940	1.5	21.8
12	80A12	3.864	4.330	1.0	1.5	43	80A43	13.700	14.260	1.5	23.6
13	80A13	4.179	4.660	1.0	1.8	44	80A44	14.018	14.580	1.5	24.3
14	80A14	4.494	4.980	1.0	2.2	45	80A45	14.336	14.900	1.5	25.2
15	80A15	4.810	5.300	1.0	2.5	46	80A46	14.654	15.220	1.5	26.0
16	80A16	5.126	5.630	1.0	2.9	47	80A47	14.972	15.540	1.5	26.4
17	80A17	5.442	5.950	1.0	3.3	48	80A48	15.290	15.860	1.5	27.8
18	80A18	5.759	6.270	1.0	3.7	49	80A49	15.608	16.180	1.5	28.9
19	80A19	6.076	6.590	1.0	4.1	50	80A50	15.926	16.500	1.5	30.9
20	80A20	6.392	6.910	1.0	4.7	51	80A51	16.244	16.810	1.5	32.2
21	80A21	6.710	7.240	1.0	4.9	52	80A52	16.562	17.130	1.5	33.0
22	80A22	7.027	7.560	1.0	5.5	53	80A53	16.880	17.450	1.5	34.9
23	80A23	7.344	7.880	1.0	6.3	54	80A54	17.198	17.770	1.5	36.6
24	80A24	7.661	8.200	1.0	6.7	55	80A55	17.516	18.090	1.5	37.5
25	80A25	7.979	8.520	1.0	7.2	56	80A56	17.835	18.410	1.5	39.4
26	80A26	8.296	8.840	1.0	7.8	57	80A57	18.153	18.730	1.5	40.4
27	80A27	8.614	9.160	1.0	8.6	58	80A58	18.471	19.040	1.5	41.3
28	80A28	8.931	9.480	1.0	9.3	59	80A59	18.789	19.360	1.5	42.9
29	80A29	9.249	9.800	1.0	9.8	60	80A60	19.107	19.680	1.5	45.3
30	80A30	9.567	10.110	1.0	10.7	65	80A65	20.698	21.270	1.5	52.2
31	80A31	9.884	10.430	1.0	11.3	70	80A70	22.289	22.870	1.5	59.8
32	80A32	10.202	10.750	1.0	12.1	72	80A72	22.926	23.500	1.5	65.7
33	80A33	10.520	11.070	1.0	13.6	76	80A76	24.198	24.780	1.5	70.2
34	80A34	10.838	11.390	1.0	14.3	80	80A80	25.471	26.050	1.5	79.6
35	80A35	11.156	11.710	1.0	14.8	84	80A84	26.744	27.330	1.5	86.1
36	80A36	11.471	12.030	1.0	16.1	90	80A90	28.654	29.240	1.5	101
37	80A37	11.792	12.350	1.0	16.8	96	80A96	30.563	31.150	1.5	120
38	80A38	12.110	12.670	1.0	17.2	112	80A112	35.655	36.240	1.5	165

Single-Type C

(Dimension, in.)

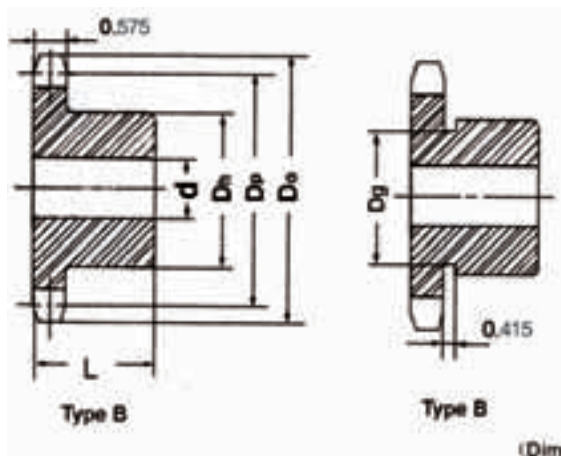
No. Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	C Type C					No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	C Type C				
				Bore, d		Hub		Wt (App) (lbs)					Bore, d		Hub		Wt (App) (lbs)
				Min	Max	Dr	L						Min	Max	Dr	L	
11	80C11	3.550	4.010	1	1.5	2.9	2.1	3.87	70	80C70	22.289	22.870	1.5	4.1	6.1	3.0	75.7
12	80C12	3.864	4.330	1	1.5	3.1	2.1	4.31	72	80C72	22.926	23.500	1.5	4.1	6.1	3.0	81.4
13	80C13	4.179	4.660	1	2	3.1	2.1	5.32	76	80C76	24.198	24.780	1.5	4.1	6.1	3.0	87.8
14	80C14	4.494	4.980	1	2.1	3.1	2.1	6.44	80	80C80	25.471	26.050	1.5	4.1	6.1	3.0	89.9
15	80C15	4.810	5.300	1	2.1	3.1	2.1	7.75	84	80C84	26.744	27.330	1.5	4.1	6.1	3.0	99.2
16	80C16	5.126	5.630	1	2.1	4	2.1	8.81	90	80C90	28.654	29.240	1.5	4.1	6.1	3.0	106
									96	80C96	30.563	31.150	1.5	4.1	6.1	3.0	117
									112	80C112	35.655	36.240	1.5	4.1	6.1	3.0	154

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO 80 STOCK SPROCKETS 1" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

- 8 teeth - 1.437"
- 9 teeth - 1.756"
- 10 teeth - 2.067"
- 11 teeth - 2.381"
- 12 teeth - 2.695"

Single-Type B

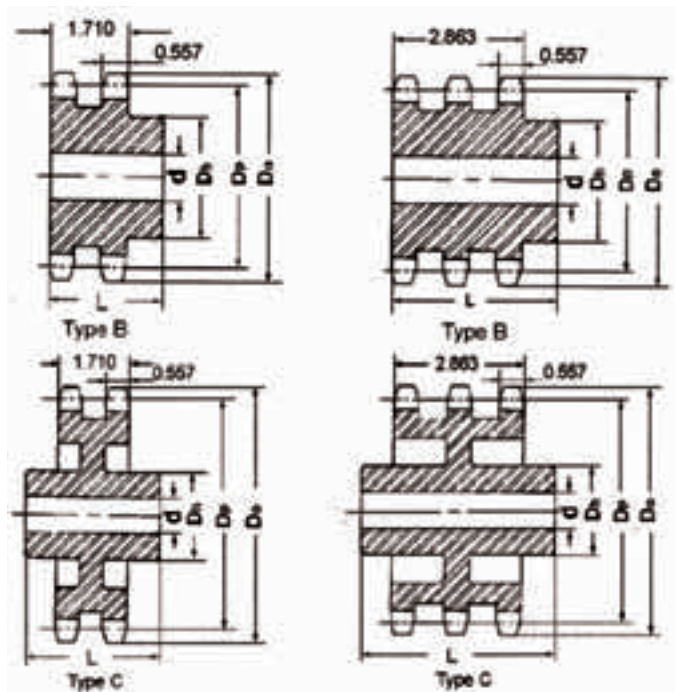
Type B

Type B

(Dimension, in.)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B BW					No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	B BW				
				Type B		Type BW							Type B		Type BW		
				Bore, d		Hub		Wt(App) (lbs.)					Bore, d		Hub		Wt(App) (lbs.)
Min	Max	Dh	L	Min	Max	Dh	L										
8	80B8	2.613	3.010	1	1	1 1/16	1 1/4	1.4	36	80B36	11.471	12.030	1 1/16	3 1/4	4 3/4	2	23.1
9	80B9	2.924	3.350	1	1 1/16	2 1/16	1 1/4	1.6	37	80B37	11.792	12.350	1 1/16	3 1/4	4 3/4	2	23.8
10	80B10	3.236	3.680	1	1 1/8	2 1/8	1 1/4	2.2	38	80B38	12.110	12.670	1 1/16	3 1/4	4 3/4	2	24.7
11	80B11	3.550	4.010	1	1 1/4	2 1/4	1 1/4	3.2	39	80B39	12.428	12.990	1 1/16	3 1/4	4 3/4	2	25.6
12	80B12	3.864	4.330	1	1 3/8	3 1/8	1 1/4	3.4	40	80B40	12.746	13.310	1 1/16	3 1/4	4 3/4	2	26.7
13	80B13	4.179	4.660	1	2	3	1 1/2	3.5	41	80B41	13.064	13.630	1 1/8	3 1/4	4 3/4	2	27.8
14	80B14	4.494	4.980	1	2 1/4	3 1/4	1 1/2	4.1	42	80B42	13.382	13.940	1 1/8	3 1/4	4 3/4	2	28.7
15	80B15	4.810	5.300	1	2 1/2	3 1/2	1 1/2	5.3	43	80B43	13.700	14.260	1 1/8	3 1/4	4 3/4	2	29.4
16	80B16	5.126	5.630	1	2 3/4	4	1 1/2	5.9	44	80B44	14.018	14.580	1 1/8	3 1/4	4 3/4	2	29.9
17	80B17	5.442	5.950	1	2 3/4	4	1 1/2	6.6	45	80B45	14.336	14.900	1 1/8	3 1/4	4 3/4	2	31.4
18	80B18	5.759	6.270	1	2 3/4	4 1/4	1 1/2	7.3	46	80B46	14.654	15.220	1 1/8	3 1/4	4 3/4	2	33.1
19	80B19	6.076	6.590	1	2 3/4	4 1/4	1 1/2	7.8	47	80B47	14.972	15.540	1 1/8	3 1/4	4 3/4	2	34.0
20	80B20	6.392	6.910	1	2 3/4	4 1/4	1 1/2	8.4	48	80B48	15.290	15.860	1 1/8	3 1/4	4 3/4	2	35.5
21	80B21	6.710	7.240	1	2 3/4	4 1/4	1 3/4	9.4	49	80B49	15.608	16.180	1 1/8	3 1/4	4 3/4	2	35.8
22	80B22	7.027	7.560	1	2 3/4	4 1/4	1 3/4	10.0	50	80B50	15.926	16.500	1 1/8	3 1/4	4 3/4	2	37.3
23	80B23	7.344	7.880	1	2 3/4	4 1/4	1 3/4	10.7	51	80B51	16.244	16.810	1 1/8	3 1/4	4 3/4	2	38.6
24	80B24	7.661	8.200	1	2 3/4	4 1/4	1 3/4	11.3	52	80B52	16.562	17.130	1 1/8	3 1/4	4 3/4	2	39.4
25	80B25	7.979	8.520	1	2 3/4	4 1/4	1 3/4	11.9	53	80B53	16.880	17.450	1 1/8	3 1/4	4 3/4	2	41.3
26	80B26	8.296	8.840	1 1/4	3 1/4	4 3/4	2	14.3	54	80B54	17.198	17.770	1 1/4	3 1/2	5 1/4	2	44.7
27	80B27	8.614	9.160	1 1/4	3 1/4	4 3/4	2	15.4	55	80B55	17.516	18.090	1 1/4	3 1/2	5 1/4	2	45.6
28	80B28	8.931	9.480	1 1/4	3 1/4	4 3/4	2	16.0	56	80B56	17.835	18.410	1 1/4	3 1/2	5 1/4	2	47.5
29	80B29	9.249	9.800	1 3/16	3 1/4	4 3/4	2	17.1	57	80B57	18.153	18.730	1 1/4	3 1/2	5 1/4	2	48.5
30	80B30	9.567	10.110	1 3/16	3 1/4	4 3/4	2	17.4	58	80B58	18.471	19.040	1 1/4	3 1/2	5 1/4	2	50.5
31	80B31	9.884	10.430	1 3/16	3 1/4	4 3/4	2	18.7	59	80B59	18.789	19.360	1 1/4	3 1/2	5 1/4	2	52.1
32	80B32	10.202	10.750	1 3/16	3 1/4	4 3/4	2	19.5	60	80B60	19.107	19.680	1 1/4	3 1/2	5 1/4	2	54.5
33	80B33	10.520	11.070	1 3/16	3 1/4	4 3/4	2	19.6	65	80B65	20.698	21.270	1 1/4	3 1/2	5 1/4	2	61.8
34	80B34	10.838	11.390	1 3/16	3 1/4	4 3/4	2	21.3									
35	80B35	11.156	11.710	1 3/16	3 1/4	4 3/4	2	22.1									

NO 80 STOCK SPROCKETS 1" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Refer to B or BS type on page 60 for recessed hub dimensions.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double-Type B&C

Triple Type B&C (Dimension, in.)

No Of Teeth	Catalog Num.	Pitch Dia Dp	Outside Dia Do	Type	Double Type B&Type C					Catalog Num.	Type	Triple Type B&Type C				
					Bore, d		Hub		Wt(App) (lbs)			Bore, d		Hub		Wt(App) (lbs)
					Min	Max	Do	L				Min	Max	Do	L	
*10	D80B10	3.236	3.680	B	1	1 1/2	2 1/16	2 1/4	3.6	T80B10	B	1	1 1/2	2 1/16	3 1/4	4.4
*11	D80B11	3.550	4.010	B	1	1 1/4	2 1/8	2 1/2	4.0	T80B11	B	1	1 1/4	2 1/8	3 1/2	5.9
12	D80B12	3.864	4.330	B	1	1 1/8	2 1/4	2 3/4	5.1	T80B12	B	1	1 1/8	2 1/4	3 3/4	7.5
13	D80B13	4.179	4.660	B	1	2 1/8	3 1/8	2 3/4	6.3	T80B13	B	1	2 1/8	3 1/8	3 3/4	9.2
14	D80B14	4.494	4.980	B	1	2 1/4	3 1/4	2 3/4	7.6	T80B14	B	1	2 1/4	3 1/4	3 3/4	11.0
15	D80B15	4.810	5.300	B	1	2 1/2	3 1/2	2 3/4	9.0	T80B15	B	1	2 1/2	3 1/2	3 3/4	13.1
16	D80B16	5.126	5.630	B	1	2 3/4	4	2 3/4	11.0	T80B16	B	1	2 3/4	4	3 3/4	15.8
17	D80B17	5.442	5.950	B	1	3	4 1/4	2 3/4	13.2	T80B17	B	1	3	4 1/4	3 3/4	18.6
18	D80B18	5.759	6.270	B	1	3 1/8	4 1/2	2 3/4	15.0	T80B18	B	1	3 1/8	4 1/2	3 3/4	21.2
19	D80B19	6.076	6.590	B	1	3 1/16	5	2 3/4	17.0	T80B19	B	1	3 1/16	5	3 3/4	23.7
20	D80B20	6.392	6.910	B	1	3 1/8	5	2 3/4	18.2	T80B20	B	1	3 1/8	5	3 3/4	26.0
21	D80B21	6.710	7.240	B	1	3 1/16	5	2 3/4	19.6	T80B21	B	1	3 1/16	5	3 3/4	28.4
22	D80B22	7.027	7.560	B	1	3 1/16	5	2 3/4	21.0	T80B22	B	1	3 1/16	5	3 3/4	31.0
23	D80B23	7.344	7.880	B	1	3 1/16	5	2 3/4	22.8	T80B23	B	1	3 1/16	5	3 3/4	33.6
24	D80B24	7.661	8.200	B	1	3 1/8	5 1/2	2 3/4	25.1	T80B24	B	1	3 1/8	5 1/2	3 3/4	37.1
25	D80B25	7.979	8.520	B	1	3 1/2	5 1/2	3	28.3	T80B25	B	1	3 1/2	5 1/2	3 3/4	40.1
26	D80B26	8.296	8.840	B	1	3 1/2	5 1/4	3	29.9	T80B26	B	1	3 1/2	5 1/4	3 3/8	42.9
30	D80B30	9.567	10.110	B	1	3 3/4	5 3/4	3	39.5	T80B30	B	1 1/4	3 3/4	5 3/4	4 1/4	54.5
32	D80B32	10.202	10.750	B	1	3 3/4	5 3/4	3	43.8	T80B32	B	1 1/4	3 3/4	5 3/4	4 1/4	64.5
35	D80B35	11.156	11.710	B	1	3 3/4	5 3/4	3	49.1	T80B35	B	1 1/4	3 3/4	5 3/4	4 1/4	79.5
36	D80B36	11.471	12.030	B	1 1/4	3 3/4	5 3/4	3 1/8	54.2	T80B36	B	1 1/4	3 3/4	5 3/4	4 1/4	83.9
42	D80B42	13.382	13.940	B	1 1/4	3 3/4	5 3/4	3 1/8	71.5	T80C42	C	1 1/4	3 3/16	6	4 1/2	84.9
45	D80B45	14.336	14.900	B	1 1/4	3 3/4	5 3/4	3 1/8	73.5	T80C45	C	1 1/4	3 3/16	6	4 1/2	92.4
52	D80C52	16.562	17.130	C	1 1/2	3 3/4	5 3/4	3 3/4	78.4	T80C52	C	1 1/2	3 3/16	6	4 1/2	107
60	D80C60	19.107	19.680	C	1 1/2	3 3/4	5 3/4	3 3/4	93.3	T80C60	C	1 1/2	4 1/4	6 1/4	4 3/4	128
68	D80C68	21.653	22.230	C	1 1/2	3 3/16	6	4	96.2	T80C68	C	1 1/2	4 1/4	6 1/4	4 3/4	140
76	D80C76	24.198	24.780	C	1 1/2	3 3/16	6	4	113	T80C76	C	1 1/2	4 1/4	6 1/4	4 3/4	165
95	D80C95	30.245	30.830	C	1 1/2	4	6	4 1/4	165	T80C95	C	1 1/2	4 1/4	6 1/4	5	240

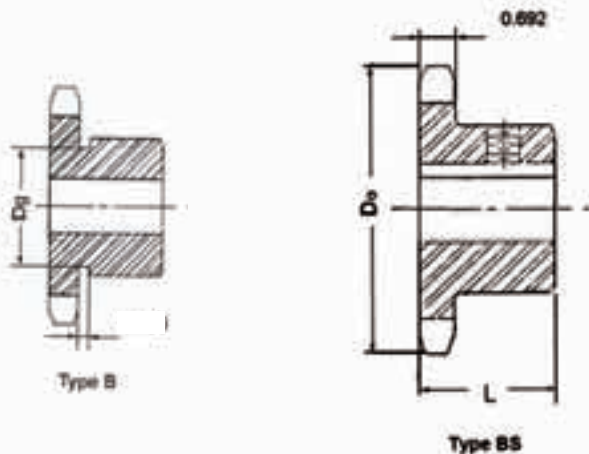
TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 100 STOCK SPROCKETS 1 1/4" PITCH

BORED TO SIZE



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets with 8-12 teeth have a recessed groove in hub for chain clearance. Refer to tables for type B on page 63 for hub and recess dimensions.

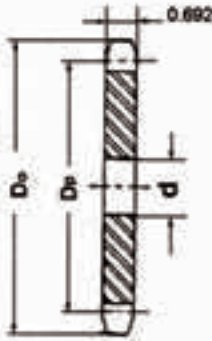
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single-Type BS

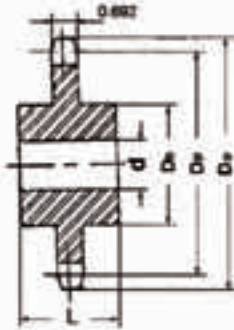
(Dimension, in.)

NO of Teeth	Catalog Num.	Outside Dia Do	Length Thru	Wt (App) (lbs)	Stock Finished Bores (Includes Keyway and Setscrew)							
8	100BS8	3.770	1 7/8	2.8	1	1 1/16	1 1/4					
9	100BS9	4.180	1 7/8	3.0	1	1 1/16	1 1/4	1 7/16				
10	100BS10	4.600	1 7/8	3.9	1	1 1/16	1 1/4	1 7/16				
11	100BS11	5.010	1 7/8	4.9	1	1 1/16	1 1/4	1 7/16	1 15/16	2	2 1/16	
12	100BS12	5.420	1 7/8	6.0	1	1 1/16	1 1/4	1 7/16	1 15/16	2	2 1/16	
13	100BS13	5.820	1 5/8	6.2	1	1 1/16	1 1/4	1 7/16	1 15/16	2	2 1/16	
14	100BS14	6.230	1 5/8	6.6			1 1/4	1 7/16	1 15/16	2	2 1/16	
15	100BS15	6.630	1 3/4	8.4			1 1/4	1 7/16	1 15/16	2	2 1/16	
16	100BS16	7.030	1 3/4	9.0				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
17	100BS17	7.440	1 3/4	9.9				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
18	100BS18	7.840	1 3/4	10.6				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
19	100BS19	8.240	2	12.1				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
20	100BS20	8.640	2	13.2				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
21	100BS21	9.040	2	14.3				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
22	100BS22	9.440	2	15.1				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
23	100BS23	9.840	2	16.1				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
24	100BS24	10.250	2	18.1				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16
25	100BS25	10.650	2	18.4				1 7/16	1 15/16	2	2 1/16	2 1/16 2 15/16

NO. 100 STOCK SPROCKETS 1 1/4" PITCH



Type A



Type:

Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Sprockets marked with asterick (*) have a groove at the external circumference of hub. Groove diameter Dg is indicated below:

8 Teeth - 1.752"

9 Teeth - 2.169"

10 Teeth - 2.581"

11 Teeth - 2.99"

12 Teeth - 3.399"

Single—Type A

(Dimension: in)

No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type A		No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type A	
				Bore,d	Wt(App) (Lbs)					Bore,d	Wt(App) (Lbs)
7	100A7	2.881	3.350	1	1.2	38	100A38	15.138	15.840	1 1/4	33.0
8	100A8	3.266	3.770	1	1.4	39	100A39	15.535	16.230	1 1/4	35.0
9	100A9	3.655	4.180	1	1.6	40	100A40	15.933	16.630	1 1/4	37.0
10	100A10	4.045	4.600	1	2.0	41	100A41	16.330	17.030	1 1/4	39.0
11	100A11	4.438	5.010	1 1/4	2.5	42	100A42	16.728	17.430	1 1/4	40.0
12	100A12	4.830	5.420	1 1/4	3.0	43	100A43	17.125	17.830	1 1/2	43.0
13	100A13	5.224	5.820	1 1/4	3.5	44	100A44	17.523	18.230	1 1/2	45.0
14	100A14	5.618	6.230	1 1/4	4.1	45	100A45	17.920	18.630	1 1/2	47.0
15	100A15	6.013	6.630	1 1/4	4.7	46	100A46	18.318	19.020	1 1/2	49.0
16	100A16	6.408	7.030	1 1/4	5.4	47	100A47	18.715	19.420	1 1/2	52.0
17	100A17	6.803	7.440	1 1/4	6.1	48	100A48	19.113	19.820	1 1/2	54.0
18	100A18	7.199	7.840	1 1/4	7.0	49	100A49	19.510	20.220	1 1/2	56.0
19	100A19	7.595	8.240	1 1/4	7.8	50	100A50	19.908	20.620	1 1/2	57.0
20	100A20	7.990	8.640	1 1/4	8.8	51	100A51	20.305	21.020	1 1/2	63.0
21	100A21	8.388	9.040	1 1/4	9.8	52	100A52	20.703	21.420	1 1/2	64.0
22	100A22	8.784	9.440	1 1/4	10.5	53	100A53	21.100	21.810	1 1/2	66.0
23	100A23	9.180	9.840	1 1/4	11.8	54	100A54	21.498	22.210	1 1/2	68.0
24	100A24	9.576	10.250	1 1/4	12.8	55	100A55	21.895	22.610	1 1/2	70.0
25	100A25	9.974	10.650	1 1/4	13.9	56	100A56	22.294	23.010	1 1/2	72.0
26	100A26	10.370	11.050	1 1/4	15.0	57	100A57	22.691	23.410	1 1/2	74.8
27	100A27	10.768	11.440	1 1/4	16.0	58	100A58	23.089	23.810	1 1/2	76.0
28	100A28	11.164	11.840	1 1/4	17.4	59	100A59	23.486	24.200	1 1/2	78.0
29	100A29	11.561	12.240	1 1/4	19.6	60	100A60	23.884	24.600	1 1/2	80.0
30	100A30	11.959	12.640	1 1/4	20.1	70	100A70	27.861	28.580	1 1/2	113
31	100A31	12.355	13.040	1 1/4	21.5	72	100A72	28.658	29.380	1 1/2	119
32	100A32	12.753	13.440	1 1/4	22.6	76	100A76	30.248	30.973	1 1/2	133
33	100A33	13.150	13.840	1 1/4	24.1	80	100A80	31.839	32.570	1 1/2	146
34	100A34	13.548	14.240	1 1/4	26.0	84	100A84	33.430	34.160	1 1/2	162
35	100A35	13.945	14.640	1 1/4	27.2	90	100A90	35.818	36.550	1 1/2	193
36	100A36	14.343	15.040	1 1/4	30.0	96	100A96	38.204	38.930	1 1/2	215
37	100A37	14.740	15.440	1 1/4	31.0						

Single—Type C

(Dimension, in)

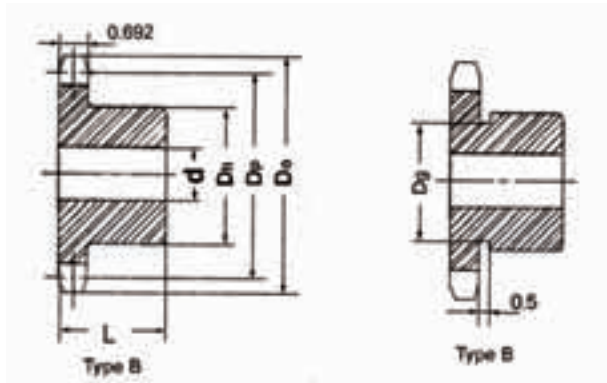
No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type C Type CW					No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type C Type CW				
				Bore:d		Hub		Wt(App) (Lbs)					Bore:d		Hub		Wt(App) (Lbs)
				Min	Max	Dn	L						Min	Max	Dn	L	
10	100C10	4.045	4.600	1	1 1/8	3/8-32	2 7/8	6-13	60	100C60	23.884	24.600	1 1/2	4	6	3 1/4	89.0
11	100C11	4.438	5.010	1	2 1/4	3/8-16	2 7/8	7-12	70	100C70	27.861	28.580	1 1/2	5 1/4	7	3 3/4	125
12	100C12	4.830	5.420	1	2 1/4	4-	2 7/8	8-37	72	100C72	28.658	29.380	1 1/2	5 1/4	7	3 3/4	134
13	100C13	5.224	5.820	1	2 3/8	3/8-16	2 7/8	10-90	76	100C76	30.248	30.973	1 1/2	5 1/4	7	3 3/4	143
14	100C14	5.618	6.230	1 1/4	2 3/4	4 1/2-16	2 7/8	12-19	80	100C80	31.839	32.570	1 1/2	5 1/4	7	3 3/4	151
									84	100C84	33.430	34.160	1 1/2	5 1/4	7	3 3/4	170
									90	100C90	35.818	36.550	1 1/2	5 1/4	7	3 3/4	184
									96	100C96	38.204	38.930	1 1/2	5 1/4	7	4 1/2	203

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 100 STOCK SPROCKETS 1 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

8 Teeth - 1.752"

9 Teeth - 2.169"

10 Teeth - 2.581"

11 Teeth - 2.991"

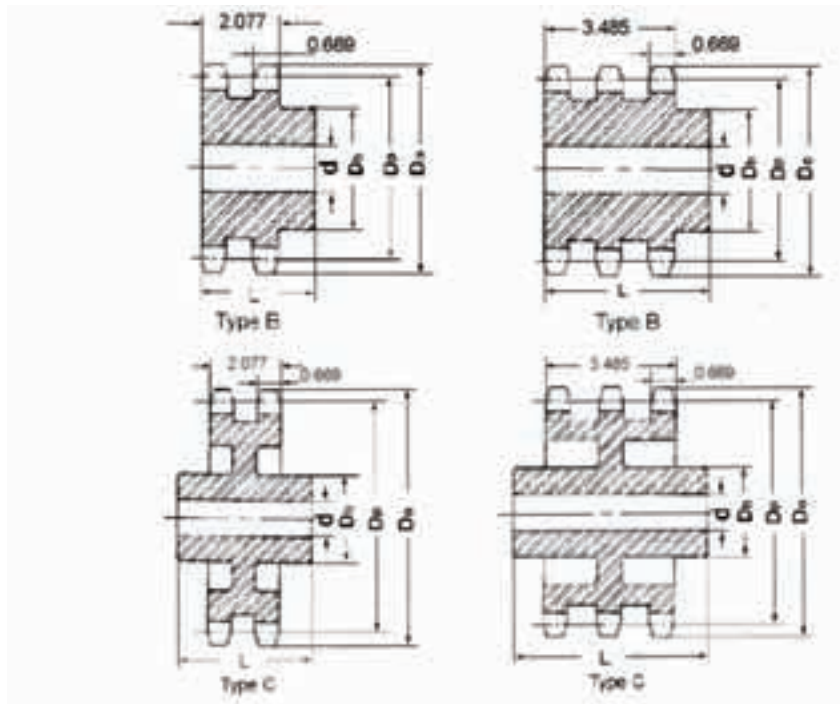
12 Teeth - 3.399"

Single—Type B

(Dimension, in)

No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type B Type BW					No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type B Type BW				
				Bore d		Hub		Wt(App) (Lbs)					Bore d		Hub		Wt(App) (Lbs)
				Min	Max	Dh	L						Min	Max	Dh	L	
8	100B8	3.266	3.770	1	1 1/4	2 1/16	1 7/8	2.3	29	100B29	11.561	12.240	1 1/4	3 5/16	5	2	25.0
9	100B9	3.655	4.180	1	1 5/8	2 13/16	1 7/8	3.2	30	100B30	11.959	12.640	1 1/4	3 5/16	5	2	26.9
10	100B10	4.045	4.600	1	1 7/8	3 1/4	1 7/8	4.1	31	100B31	12.355	13.040	1 1/4	3 5/16	5	2	28.2
11	100B11	4.438	5.010	1	2 1/4	3 9/16	1 7/8	5.3	32	100B32	12.753	13.440	1 1/4	3 5/16	5	2	29.8
12	100B12	4.830	5.420	1	2 1/2	4	1 7/8	6.4	33	100B33	13.150	13.840	1 1/4	3 5/16	5	2	32.1
13	100B13	5.224	5.820	1	2 3/4	4 1/8	1 5/8	6.6	34	100B34	13.548	14.240	1 1/4	3 5/16	5	2 1/2	34.5
14	100B14	5.618	6.230	1 1/4	2 5/4	4 1/4	1 5/8	7.4	35	100B35	13.945	14.640	1 1/4	3 5/16	5	2 1/2	36.9
15	100B15	6.013	6.630	1 1/4	3	4 1/2	1 3/4	9.2	36	100B36	14.343	15.040	1 1/4	3 5/16	5	2 1/2	38.6
16	100B16	6.408	7.030	1 5/16	3	4 1/2	1 3/4	9.9	37	100B37	14.740	15.440	1 1/4	3 5/16	5	2 1/2	40.0
17	100B17	6.803	7.440	1 5/16	3	4 1/2	1 3/4	10.8	38	100B38	15.138	15.840	1 1/4	3 5/16	5	2 1/2	41.5
18	100B18	7.199	7.840	1 5/16	3	4 1/2	1 3/4	11.5	39	100B39	15.535	16.230	1 1/4	3 5/16	5	2 1/2	43.6
19	100B19	7.595	8.240	1 5/16	3	4 1/2	2	13.1	40	100B40	15.933	16.630	1 1/4	3 5/16	5	2 1/2	46.9
20	100B20	7.990	8.640	1 5/16	3	4 1/2	2	14.2	41	100B41	16.330	17.030	1 1/4	3 5/16	5	2 1/2	48.6
21	100B21	8.388	9.040	1 5/16	3	4 1/2	2	15.3	42	100B42	16.728	17.430	1 1/4	3 5/16	5	2 1/2	50.4
22	100B22	8.784	9.440	1 5/16	3	4 1/2	2	16.1	43	100B43	17.125	17.830	1 1/2	3 5/16	5	2 1/2	51.6
23	100B23	9.180	9.840	1 1/4	3	4 1/2	2	17.2	44	100B44	17.523	18.230	1 1/2	3 5/16	5	2 1/2	52.8
24	100B24	9.576	10.250	1 1/4	3	4 1/2	2	19.2	45	100B45	17.920	18.630	1 1/2	3 5/16	5	2 1/2	54.0
25	100B25	9.974	10.650	1 1/4	3	4 1/2	2	19.5	46	100B46	18.318	19.020	1 1/2	3 5/16	5	2 1/2	56.0
26	100B26	10.370	11.050	1 1/4	3 5/16	5	2	21.7	47	100B47	18.715	19.420	1 1/2	3 5/16	5	2 1/2	58.2
27	100B27	10.768	11.440	1 1/4	3 5/16	5	2	23.0	48	100B48	19.113	19.820	1 1/2	3 5/16	5	2 1/2	61.0
28	100B28	11.164	11.840	1 1/4	3 5/16	5	2	24.4									

NO. 100 STOCK SPROCKETS 1 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Refer to B or BS type on page for recessed hub dimensions.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double—Type B & C

Triple—Type B & C

(Dimension, in.)

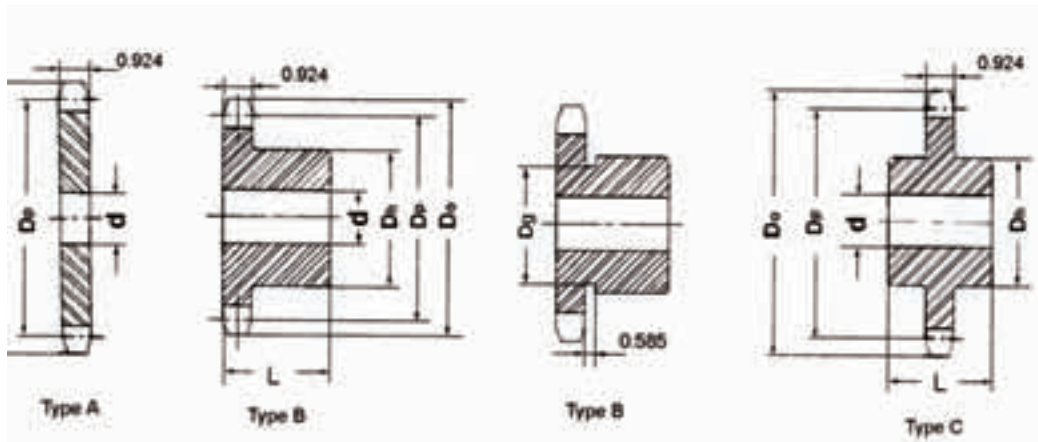
No. Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type	Double Type B & Type C					Catalog Num	Type	Triple Type B & Type C				
					Bore d		Hub		Wt (Lbs)			Bore d		Hub		Wt (Lbs)
					Min	Max	Dr	L				Min	Max	Dr	L	
9	D100B9	3.655	4.180	B	1	1 1/8	2 1/8	2 7/8	4.6	T100B9	B	1	1 1/8	2 1/8	4 1/4	8.4
10	D100B10	4.045	4.600	B	1	1 1/8	2 1/4	2 7/8	6.2	T100B10	B	1	1 1/8	2 1/4	4 1/4	10.0
11	D100B11	4.438	5.010	B	1	2 1/8	3 1/8	2 7/8	7.9	T100B11	B	1	2 1/8	3 1/8	4 1/4	11.7
12	D100B12	4.830	5.420	B	1 1/8	2 1/4	3 1/8	2 7/8	9.3	T100B12	B	1 1/8	2 1/4	3 1/8	4 1/4	13.7
13	D100B13	5.224	5.820	B	1 1/8	2 1/2	3 13/16	2 7/8	11.4	T100B13	B	1 1/8	2 1/2	3 13/16	4 1/4	16.9
14	D100B14	5.618	6.230	B	1 1/8	2 3/4	4 1/16	2 7/8	13.6	T100B14	B	1 1/8	2 3/4	4 1/16	4 1/4	20.2
15	D100B15	6.013	6.630	B	1 1/4	3 1/8	4 5/8	3 1/8	17.1	T100B15	B	1 1/4	3 1/8	4 5/8	4 1/2	25.0
16	D100B16	6.408	7.030	B	1 1/4	3 5/16	5	3 1/8	20.1	T100B16	B	1 1/4	3 5/16	5	4 1/2	29.3
17	D100B17	6.803	7.440	B	1 1/4	3 1/2	5 1/4	3 1/8	23.1	T100B17	B	1 1/4	3 1/2	5 1/4	4 1/2	33.8
18	D100B18	7.199	7.840	B	1 1/4	3 1/2	5 1/4	3 1/8	25.4	T100B18	B	1 1/4	3 1/2	5 1/4	4 3/4	38.6
19	D100B19	7.595	8.240	B	1 1/4	3 3/4	5 1/2	3 1/8	29.6	T100B19	B	1 1/4	3 3/4	5 1/2	4 3/4	43.3
20	D100B20	7.990	8.640	B	1 1/4	3 3/4	5 1/2	3 1/8	32.4	T100B20	B	1 1/4	3 3/4	5 1/2	4 3/4	47.9
21	D100B21	8.388	9.040	B	1 1/4	3 3/4	5 1/2	3 1/8	35.3	T100B21	B	1 1/4	3 3/4	5 1/2	4 3/4	52.3
22	D100B22	8.784	9.440	B	1 1/4	3 3/4	5 1/2	3 1/8	38.4	T100B22	B	1 1/4	3 3/4	5 1/2	4 3/4	57.5
23	D100B23	9.180	9.840	B	1 1/4	3 3/4	5 1/2	3 1/8	41.3	T100B23	B	1 1/4	3 3/4	5 1/2	4 3/4	62.5
24	D100B24	9.576	10.250	B	1 1/4	3 3/4	5 3/4	3 1/8	45.1	T100B24	B	1 1/4	3 3/4	5 3/4	4 3/4	69
25	D100B25	9.974	10.650	B	1 1/4	3 3/4	5 3/4	3 1/8	48.5	T100B25	B	1 1/4	3 3/4	5 3/4	4 3/4	73
26	D100B26	10.370	11.050	B	1 1/2	3 3/4	5 3/4	3 1/8	51.5	T100B26	B	1 1/2	3 3/4	5 3/4	4 3/4	79
30	D100B30	11.959	12.640	B	1 1/2	3 3/4	5 3/4	3 1/8	65.0	T100B30	B	1 1/2	3 3/4	5 3/4	4 3/4	103
35	D100C35	13.945	14.640	C	1 1/2	3 13/16	6	4 1/4	75.0	T100C35	C	1 1/2	4	6	5	108
45	D100C45	17.920	18.630	C	1 1/2	3 13/16	6	4 1/2	103	T100C45	C	1 1/2	4	6	5	143
60	D100C60	23.884	24.600	C	1 1/2	5 3/8	7 1/2	5	175	T100C60	C	1 1/2	5 3/8	7 1/2	5	217
70	D100C70	27.861	28.580	C	1 1/2	5 3/8	7 1/2	5	197	T100C70	C	1 1/2	5 3/8	7 1/2	5	262
80	D100C80	31.839	32.570	C	1 1/2	5 3/8	7 1/2	5	231	T100C80	C	1 1/2	5 3/8	7 1/2	5	313

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 120 STOCK SPROCKETS 1 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

*Has recessed groove in hub for chain clearance. Groove diameter Dg is indicated below:

9Teeth - 2.619" 10 Teeth - 3.104"

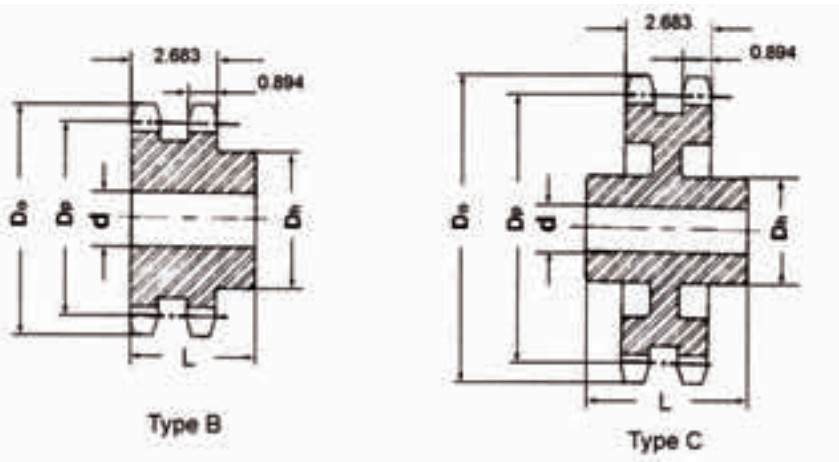
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A,B,C

(Dimension, in)

No. of Teeth	Pitch Dia Dp	Outside Dia Do	A Type A			B,BW Type B,BW					C,CW Type C,CW				
			Catalog Num	Bore d	Wt (Lbs)	Catalog Num	Bore d		Hub		Catalog Num	Bore d		Hub	
							Min	Max	Dh	L		Min	Max	Dh	L
8	3.920	4.520	120A8	1 1/4	2.4	120B9	1 1/8	1 1/16	3 1/8	2 1/4	5.3				
9	4.386	5.020	120A9	1 1/4	3.0	120B10	1 1/8	2 1/8	3 1/8	2 1/4	7.1				
10	4.854	5.520	120A10	1 1/4	3.8	120B11	1 1/8	2 3/8	3 1/8	2 1/8	7.6	120C11	1 1/8	2 1/8	3 1/8
11	5.325	6.010	120A11	1 1/4	4.8	120B12	1 1/8	2 3/4	4 1/8	2 1/8	9.9	120C12	1 1/8	2 3/4	4 1/8
12	5.796	6.500	120A12	1 1/4	5.8	120B13	1 1/8	3	4 1/8	2 1/8	12.4	120C13	1 1/8	3	4 1/8
13	6.269	6.990	120A13	1 1/4	6.7	120B14	1 1/8	3 1/4	4 1/8	2 1/8	14.4	120C14	1 1/8	3 1/4	4 1/8
14	6.741	7.470	120A14	1 1/4	8.0	120B15	1 1/8	3 1/4	4 1/8	2 1/8	16.7				
15	7.215	7.960	120A15	1 1/4	9.1	120B16	1 1/8	3 1/2	5 1/8	2 1/8	19.9				
16	7.689	8.440	120A16	1 1/4	10.6	120B17	1 1/8	3 1/2	5 1/8	2 1/8	20.8				
17	8.163	8.920	120A17	1 1/4	12.6	120B18	1 1/8	3 1/2	5 1/8	2 1/8	22.2				
18	8.639	9.410	120A18	1 1/4	13.6	120B19	1 1/8	3 1/2	5 1/8	2 1/8	24.8				
19	9.114	9.890	120A19	1 1/4	15.1	120B20	1 1/8	3 1/2	5 1/8	2 1/8	25.8				
20	9.588	10.370	120A20	1 1/4	16.9	120B21	1 1/8	3 1/2	5 1/8	2 1/8	26.7				
21	10.065	10.850	120A21	1 1/4	18.7	120B22	1 1/8	3 1/2	5 1/8	2 1/8	28.2				
22	10.541	11.330	120A22	1 1/4	20.0	120B23	1 1/8	3 1/2	5 1/8	2 1/8	30.3				
23	11.016	11.810	120A23	1 1/4	22.1	120B24	1 1/8	3 1/2	5 1/8	2 1/8	32.1				
24	11.492	12.290	120A24	1 1/4	24.8	120B25	1 1/8	3 1/2	5 1/8	2 1/8	34.6				
25	11.969	12.770	120A25	1 1/4	26.8	120B26	1 1/2	4	6	2 1/2	40.0				
26	12.444	13.250	120A26	1 1/2	28.3	120B27	1 1/2	4	6	2 1/2					
27	12.921	13.730	120A27	1 1/2	30.9	120B28	1 1/2	4	6	2 1/2	44.9				
28	13.397	14.210	120A28	1 1/2	33.6	120B30	1 1/2	4	6	2 1/2	50.2				
30	14.351	15.170	120A30	1 1/2	39.0	120B32	1 1/2	4	6	2 1/2	56.0				
32	15.303	16.130	120A32	1 1/2	43.9	120B33	1 1/2	4	6	2 1/2					
33	15.780	16.610	120A33	1 1/2	48.2	120B34	1 1/2	4	6	2 1/2					
34	16.257	17.090	120A34	1 1/2	50	120B35	1 1/2	4	6	2 1/2	62.4				
35	16.734	17.570	120A35	1 1/2	52	120B36	1 1/2	4	6	2 1/2	66.4				
36	17.211	18.050	120A36	1 1/2	56							120C40	1 1/2	4	6
40	19.119	19.960	120A40	1 1/2	71							120C42	1 1/2	4	6
42	20.073	20.920	120A42	1 1/2	75							120C45	1 1/2	4	6
45	21.504	22.350	120A45	1 1/2	88							120C48	1 1/2	4	6
48	22.935	23.790	120A48	1 1/2	103							120C54	1 1/2	4	6
54	25.797	26.650	120A54	1 1/2	140							120C60	1 1/2	5 1/4	7
60	28.661	29.520	120A60	1 1/2	160							120C70	1 1/2	5 1/4	7 1/2
70	33.434	34.300	120A70	1 1/2	216							120C80	1 1/2	5 1/4	7 1/2
80	38.207	39.080	120A80	1 1/2	284										
90	42.981	43.850	120A90	1 1/2	358										

N0. 120 STOCK SPROCKETS 1 1/2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double—Type B & C

(Dimension in.)

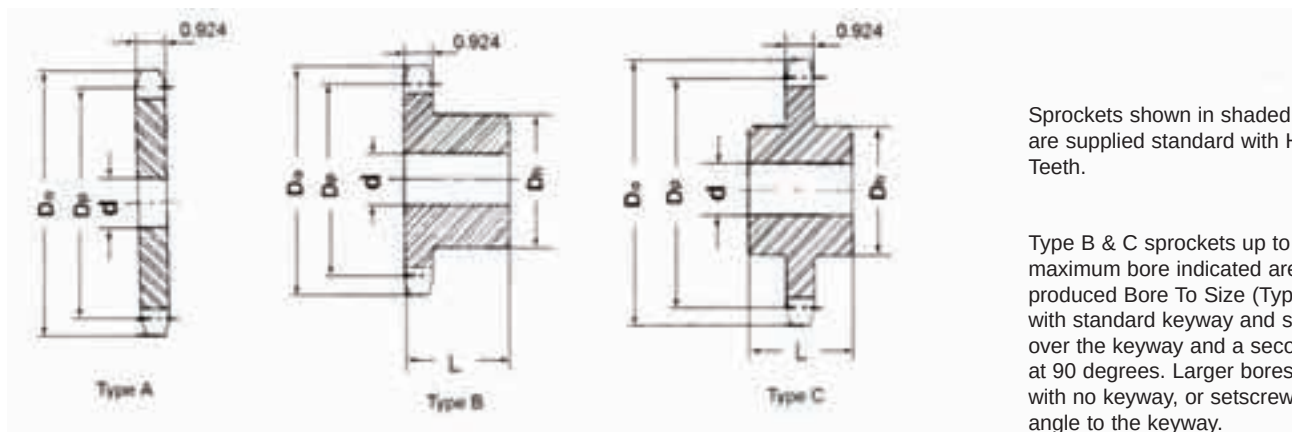
No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type	Bore: d		Hub		Wt (App) (Lbs)
					Min	Max	Dh	L	
11	D120B11	5.325	6.010	B	1 1/2	2 3/8	3 9/16	3 3/4	13.6
12	D120B12	5.796	6.500	B	1 1/2	2 3/4	4 1/16	3 3/4	17.3
13	D120B13	6.269	6.990	B	1 1/2	3	4 1/2	3 3/4	21.1
14	D120B14	6.741	7.470	B	1 1/2	3 5/16	5	3 3/4	25.6
15	D120B15	7.215	7.960	B	1 1/2	3 1/2	5 1/4	3 3/4	29.9
16	D120B16	7.869	8.440	B	1 1/2	3 1/2	5 1/4	3 3/4	33.8
17	D120B17	8.163	8.920	B	1 1/2	3 1/2	5 1/4	3 3/4	36.9
18	D120B18	8.639	9.410	B	1 1/2	3 1/2	5 1/4	3 3/4	41.9
19	D120B19	9.114	9.890	B	1 1/2	3 1/2	5 1/4	3 3/4	46.5
20	D120B20	9.588	10.370	B	1 1/2	3 1/2	5 1/2	3 3/4	50.2
21	D120B21	10.065	10.850	B	1 1/2	3 1/2	5 1/2	3 3/4	55.6
22	D120B22	10.541	11.330	B	1 1/2	3 13/16	5 3/4	4	64.0
23	D120B23	11.016	11.810	B	1 1/2	4 1/4	6 1/2	4	75.0
24	D120B24	11.492	12.290	B	1 1/2	4 1/4	6 1/2	4	79.0
25	D120B25	11.969	12.770	B	1 1/2	4 1/4	6 1/2	4	84.0
26	D120B26	12.444	13.250	B	1 1/2	4 1/4	6 1/2	4	90.0
30	D120B30	14.351	15.170	B	1 1/2	4 1/2	6 1/2	4	119
35	D120C35	16.734	17.570	C	1 1/2	5 3/8	7 1/2	6	148
45	D120C45	21.504	22.350	C	1 1/2	5 3/8	7 1/2	6	188
60	D120C60	28.661	29.520	C	1 1/2	6 3/8	9 1/2	6 3/4	307

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 140 STOCK SPROCKETS 1 3/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

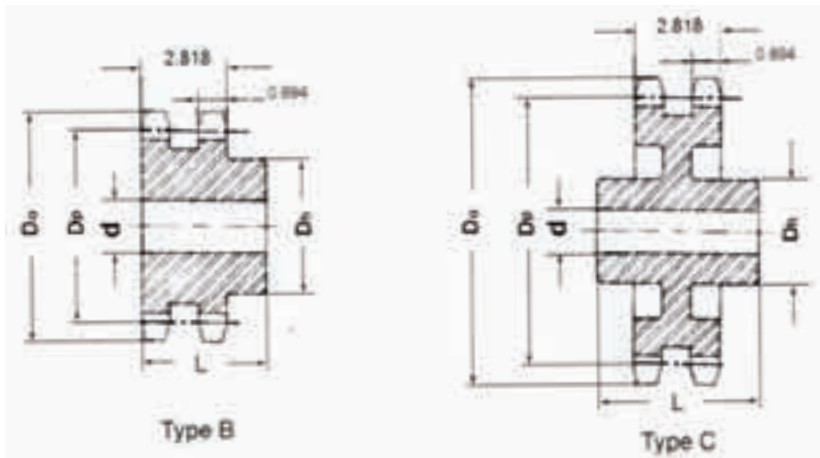
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A,B,C

(Dimension, in.)

No of Teeth	Pitch Dia (D)	Outside Dia (Do)	A Type A			B Type B					C Type C				
			Catalog Num	Bore d	Wt/App (Lbs)	Catalog Num	Bore d		Hub		Catalog Num	Bore d		Hub	
							Min	Max	Dh	L		Min	Max	Dh	L
11	6.213	7.010	140A11	1 1/2	5.0	140B11	1 1/2	2 3/4	4 1/4	2 1/4	11.3				
12	6.762	7.580	140A12	1 1/2	7.8	140B12	1 1/2	3	4 1/2	2 1/4	13.2				
13	7.313	8.150	140A13	1 1/2	8.2	140B13	1 1/2	3 3/4	5 1/2	2 3/8	18.9				
14	7.865	8.720	140A14	1 1/2	10.0	140B14	1 1/2	3 5/8	5 1/2	2 3/8	20.4				
15	8.418	9.280	140A15	1 1/2	11.0	140B15	1 1/2	4 1/4	6 1/4	2 3/8	25.1				
16	8.971	9.850	140A16	1 1/2	14.0	140B16	1 1/2	4 1/4	6 1/4	2 1/2	27.9				
17	9.524	10.410	140A17	1 1/2	16.0	140B17	1 1/2	4 1/4	6 1/4	2 1/2	29.8				
18	10.078	10.980	140A18	1 1/2	18.0	140B18	1 1/2	4 1/4	6 1/4	2 1/2	32.0				
19	10.633	11.540	140A19	1 1/2	21.0	140B19	1 1/2	4 1/4	6 1/4	2 1/2	34.1				
20	11.186	12.100	140A20	1 1/2	23.0	140B20	1 1/2	4 1/4	6 1/4	2 1/2	36.0				
21	11.743	12.660	140A21	1 1/2	25.0	140B21	1 1/2	4 1/4	6 1/4	2 1/2	38.7				
22	12.297	13.220	140A22	1 1/2	28.0	140B22	1 1/2	4 1/4	6 1/4	2 1/2	40.6				
23	12.852	13.780	140A23	1 1/2	30.0	140B23	1 1/2	4 1/4	6 1/4	2 1/2	42.1				
24	13.407	14.340	140A24	1 1/2	33.0	140B24	1 1/2	4 1/4	6 1/4	2 1/2	46.2				
25	13.963	14.900	140A25	1 1/2	34.0	140B25	1 1/2	4 1/4	6 1/4	2 1/2	47.8				
26	14.518	15.460	140A26	1 1/2	39.0	140B26	1 1/2	4 1/4	6 1/4	3	57.2				
27	15.075	16.020	140A27	1 1/2	41.0	140B27	1 1/2	4 1/4	6 1/4	3	58.5				
28	15.629	16.580	140A28	1 1/2	45.0	140B28	1 1/2	4 1/4	6 1/4	3	62.2				
30	16.742	17.700	140A30	1 1/2	52.0	140B30	1 1/2	4 1/4	6 1/4	3	69.8				
31	17.297	18.260	140A31	1 1/2	56.0	140B31	1 1/2	4 1/4	6 1/4	3					
32	17.854	18.820	140A32	1 1/2	60.0	140B32	1 1/2	4 1/4	6 1/4	3	76.3				
35	19.523	20.490	140A35	1 1/2	73.0						140C35	1 1/2	5 1/4	7	4 108
36	20.080	21.050	140A36	1 1/2	77.0						140C36	1 1/2	5 1/4	7	4 110
40	22.306	23.290	140A40	1 1/2	93.0						140C40	1 1/2	5 1/4	7	4 121
45	25.088	26.080	140A45	1 1/2	131						140C45	1 1/2	5 1/4	7	4 142
48	26.758	27.750	140A48	1 1/2	134						140C48	1 1/2	5 1/4	7	4 150
54	30.097	31.100	140A54	1 1/2	173						140C54	1 1/2	5 1/4	7	4 177
60	33.437	34.440	140A60	1 1/2	219						140C60	1 1/2	5 1/4	7	5 220
70	39.006	40.020	140A70	1 1/2	292						140C70	1 1/2	5 3/8	7 1/2	5 262
80	44.574	45.590	140A80	1 1/2	402						140C80	1 1/2	5 3/8	7 1/2	5 331

NO. 140 STOCK SPROCKETS 1 3/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double—Type B & C

(Dimension, in)

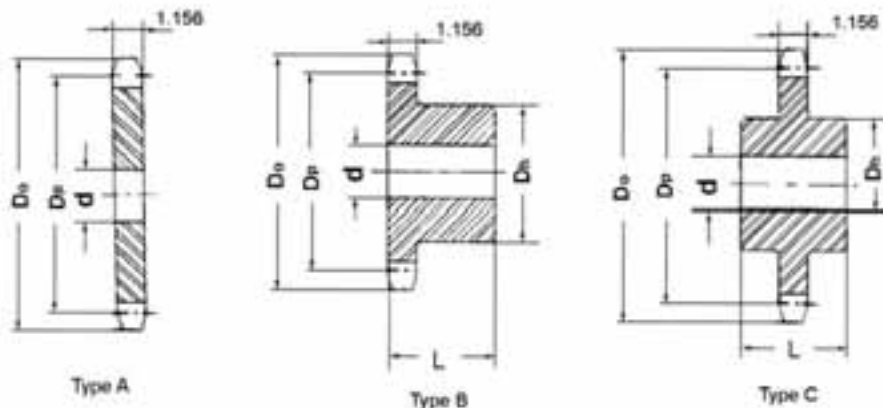
No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type	Bore, d		Hub		Wt (App) (Lbs)
					Min	Max	Dh	L	
13	D140B13	7.313	8.150	B	1 5/8	3 5/16	5	3 1/4	29
14	D140B14	7.865	8.720	B	1 5/8	3 1/4	5 1/2	3 1/4	34.8
15	D140B15	8.418	9.280	B	1 5/8	4 1/2	6 1/2	3 1/4	42.5
16	D140B16	8.971	9.850	B	1 5/8	5 1/4	7	4	48.1
17	D140B17	9.524	10.410	B	1 5/8	5 1/2	7	4	57.5
18	D140B18	10.078	10.980	B	1 3/4	5 1/4	7	4	65.6
19	D140B19	10.633	11.540	B	1 3/4	5 1/4	7	4	72.0
20	D140B20	11.186	12.100	B	1 3/4	5 1/4	7	4	76.0
21	D140B21	11.743	12.660	B	1 3/4	5 1/2	7	4	82.0
22	D140B22	12.297	13.220	B	1 3/4	5 1/4	7	4	94.0
23	D140B23	12.852	13.780	B	1 3/4	5 1/4	7	4	100
24	D140B24	13.407	14.340	B	1 3/4	5 1/4	7	4	104
25	D140B25	13.963	14.900	B	1 3/4	5 1/4	7	4	120
26	D140B26	14.518	15.460	B	1 3/4	5 1/4	7	4	128
35	D140C35	19.523	20.490	C	1 1/2	5 3/8	7 1/2	6	180
45	D140C45	25.088	26.080	C	1 1/2	5 3/8	7 1/2	6	232
60	D140C60	33.437	34.440	C	1 1/2	6 3/8	9 1/2	6 1/4	372

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 160 STOCK SPROCKETS 2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

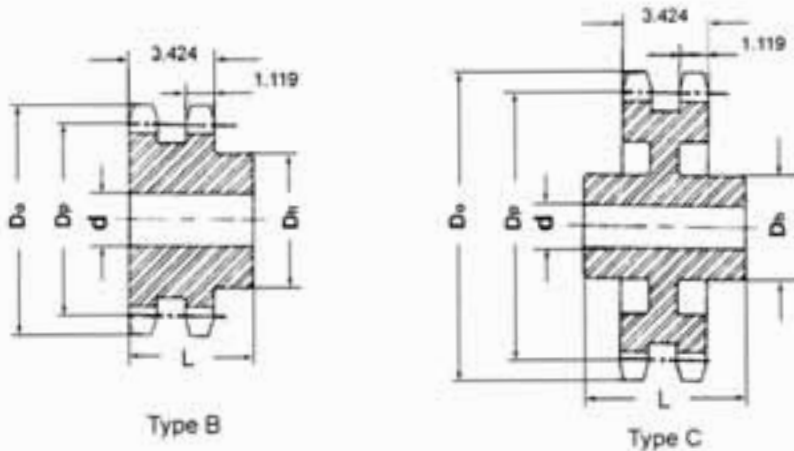
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A,B,C

(Dimension in)

No of Teeth	Pitch Dia Do	Outside Dia Do	A Type A			B Type B					C Type C				
			Catalog Num	Bore d	Wt(App) (Lbs)	Catalog Num	Bore d		Hub		Catalog Num	Bore d		Hub	
							Min	Max	Dh	L		Min	Max	Dh	L
8	5.226	6.030	160A8	1 1/2	5.0	160B8	1 1/2	1 7/8	3 1/4	2 1/4	8.0				
9	5.848	6.700	160A9	1 1/2	7.0	160B9	1 1/2	2 1/8	3 5/8	2 1/4	10.0				
10	6.472	7.360	160A10	1 1/2	8.0	160B10	1 1/2	2 3/4	4 1/8	2 1/4	12.0				
11	7.100	8.010	160A11	1 1/2	10.0	160B11	1 1/2	3 1/4	4 3/4	2 1/2	17.0	160C11	1 1/2	3 1/4	4 1/2
12	7.728	8.660	160A12	1 1/2	12.0	160B12	1 1/2	3 3/4	5 1/2	2 1/2	21.0	160C12	1 1/2	3 3/4	5 1/2
13	8.358	9.310	160A13	1 1/2	16.0	160B13	1 1/2	4	6	2 3/4	28.0				
14	8.988	9.960	160A14	1 1/2	17.0	160B14	1 1/2	4 1/2	6 1/2	2 3/4	32.0				
15	9.620	10.610	160A15	1 1/2	21.0	160B15	1 1/2	5 1/4	7	2 3/4	37.0				
16	10.252	11.260	160A16	1 1/2	24.0	160B16	1 1/2	5 1/4	7	2 3/4	41.0				
17	10.844	11.900	160A17	1 1/2	27.0	160B17	1 1/2	5 1/4	7	2 3/4	45.0				
18	11.518	12.540	160A18	1 1/2	30.0	160B18	1 1/2	5 1/4	7	2 3/4	48.0				
19	12.152	13.190	160A19	1 1/2	34.0	160B19	1 1/2	5 1/4	7	2 3/4	52.0				
20	12.784	13.830	160A20	1 1/2	38.0	160B20	1 1/2	5 1/4	7	2 3/4	56.0				
21	13.420	14.470	160A21	1 1/2	42.0	160B21	1 1/2	5 1/4	7	2 3/4	59.0				
22	14.054	15.110	160A22	1 1/2	46.0	160B22	1 1/2	5 1/4	7	2 3/4	65.0				
23	14.688	15.750	160A23	1 1/2	50.0	160B23	1 1/2	5 1/4	7	2 3/4	68.0				
24	15.322	16.390	160A24	1 1/2	56.0	160B24	1 1/2	5 1/4	7	3	77.0				
25	15.958	17.030	160A25	1 1/2	61.0	160B25	1 1/2	5 1/4	7	3	81.0				
26	16.592	17.670	160A26	1 1/2	65.0	160B26	1 1/2	5 1/4	7	3	86.0				
27	17.228	18.310	160A27	1 1/2	71.0	160B27	1 1/2	5 1/4	7	3	91.0				
28	17.862	18.950	160A28	1 1/2	77.0	160B28	1 1/2	5 1/4	7	3	98.0				
30	19.134	20.230	160A30	1 1/2	90.0	160B30	1 1/2	5 1/4	7	3	108				
35	22.312	23.420	160A35	1 1/2	121							160C35	1 1/2	5 1/2	8
40	25.492	26.610	160A40	1 1/2	138							160C40	1 1/2	5 1/2	8
45	28.672	29.800	160A45	1 1/2	204							160C45	1 1/2	5 1/2	8
54	34.396	35.540	160A54	1 1/2	294							160C54	1 1/2	5 1/2	8
60	38.214	39.360	160A60	1 1/2	366							160C60	1 1/2	5 1/2	8
70	44.578	45.730	160A70	1 1/2	507							160C70	1 1/2	5 1/2	8
80	50.942	52.100	160A80	1 1/2	656							160C80	1 1/2	5 1/2	8

N0. 160 STOCK SPROCKETS 2" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double—Type B & C

(Dimension, in)

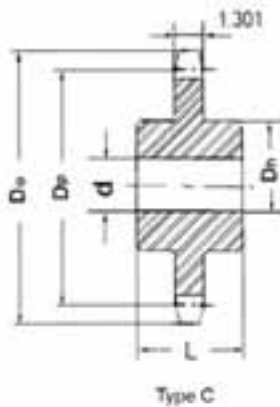
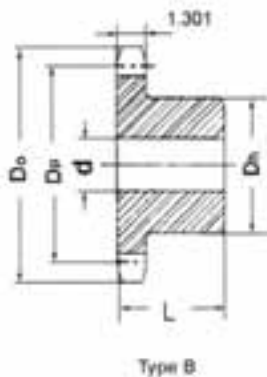
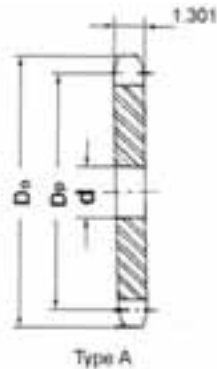
No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type	Bore, d		Hub		Wt (App) (Lbs)
					Min	Max	Dh	L	
13	D160B13	8.358	9.310	B	2	4	6	4 1/4	48
14	D160B14	8.988	9.660	B	2	4 1/4	6 1/4	4 1/4	58
15	D160B15	9.620	10.610	B	2	5 1/4	7	4 1/4	68
16	D160B16	10.252	11.260	B	2	5 1/4	7	4 1/4	75
17	D160B17	10.844	11.900	B	2	5 1/4	7	4 1/4	91
18	D160B18	11.518	12.540	B	2	5 1/4	7	4 1/4	96
19	D160B19	12.152	13.190	B	2	5 1/4	7	4 1/4	107
20	D160B20	12.784	13.830	B	2	5 1/4	7	4 1/4	119
21	D160B21	13.420	14.470	B	2	5 3/8	7 1/2	4 1/4	130
22	D160B22	14.054	15.110	B	2	5 3/8	7 1/2	4 1/4	141
23	D160B23	14.685	15.750	B	2	5 3/8	7 1/2	4 1/4	157
24	D160B24	15.322	16.390	B	2	5 3/8	7 1/2	4 1/4	171
25	D160B25	15.958	17.030	B	2	5 3/8	7 1/2	4 1/4	187
26	D160B26	16.592	17.670	B	2	5 3/8	7 1/2	4 1/4	201
35	D160C35	22.312	23.420	C	1 1/2	6 3/4	9 1/2	6 5/8	306
45	D160C45	28.672	29.800	C	1 1/2	7	10	7 1/8	431
60	D160C60	38.214	39.360	C	1 1/2	7	10	7 1/8	564

TRITAN

PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 180 STOCK SPROCKETS 2 1/4" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

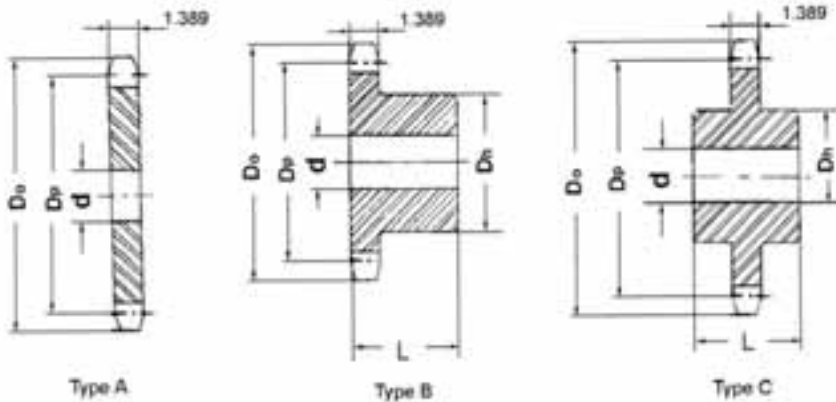
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A, B, C

(Dimension, in)

No of Teeth	Pitch Dia D _p	Outside Dia D _o	A Type A			B C Type B & C						
			Catalog Num	Bore d	Wt (App) (Lbs.)	Catalog Num	Type	Bore, d		Hub		Wt (App) (Lbs.)
								Min	Max	D _h	L	
11	7.986	9.010	180A11	1 1/2	14	180B11	B	1 1/2	3 5/8	5 1/2	3	29
12	8.693	9.750	180A12	1 1/2	16	180B12	B	1 1/2	4	6	3	32
13	9.402	10.480	180A13	1 1/2	20	180B13	B	1 1/2	4 5/8	6 3/4	3 1/8	40
14	10.112	11.210	180A14	1 1/2	24	180B14	B	1 1/2	5 1/4	7	3 1/8	44
15	10.822	11.930	180A15	1 1/2	28	180B15	B	1 1/2	5 1/4	7	3 1/8	48
16	11.533	12.660	180A16	1 1/2	32	180B16	B	1 1/2	5 1/4	7	3 1/8	52
17	12.245	13.390	180A17	1 1/2	37	180B17	B	1 1/2	5 1/4	7	3 1/8	58
18	12.957	14.110	180A18	1 1/2	43	180B18	B	1 1/2	5 1/4	7	3 1/8	63
19	13.670	14.830	180A19	1 1/2	47	180B19	B	1 1/2	5 3/8	7 1/2	3 3/8	74
20	14.383	15.560	180A20	1 1/2	53	180B20	B	1 1/2	5 3/8	7 1/2	3 3/8	81
21	15.096	16.280	180A21	1 1/2	57	180B21	B	1 1/2	5 3/8	7 1/2	3 3/8	83
22	15.810	17.000	180A22	1 1/2	62	180B22	B	1 1/2	5 3/8	7 1/2	3 3/8	92
23	16.524	17.720	180A23	1 1/2	69	180B23	B	1 1/2	5 3/8	7 1/2	3 3/8	99
24	17.238	18.440	180A24	1 1/2	77	180B24	B	1 1/2	5 3/8	7 1/2	3 3/8	105
25	17.952	19.160	180A25	1 1/2	84	180B25	B	1 1/2	5 3/8	7 1/2	3 3/8	113
28	20.096	21.320	180A28	1 1/2	104	180B28	B	1 1/2	5 1/2	8	3 1/2	135
30	21.525	22.760	180A30	1 1/2	120	180C30	C	1 1/2	5 3/4	8 1/2	4 3/8	180
35	25.101	26.350	180A35	1 1/2	172	180C35	C	1 1/2	5 3/4	8 1/2	4 3/8	222
40	28.677	29.940	180A40	1 1/2	229	180C40	C	1 1/2	5 3/4	8 1/2	4 3/8	270
45	32.255	33.530	180A45	1 1/2	284	180C45	C	1 1/2	6	9	5	315
54	38.696	39.980	180A54	1 1/2	420	180C54	C	1 1/2	6	9	5	477
60	42.991	44.280	180A60	1 1/2	505	180C60	C	1 1/2	6 1/2	9 1/2	5 3/8	489

NO. 200 STOCK SPROCKETS 2½" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A,B,C

(Dimension, in.)

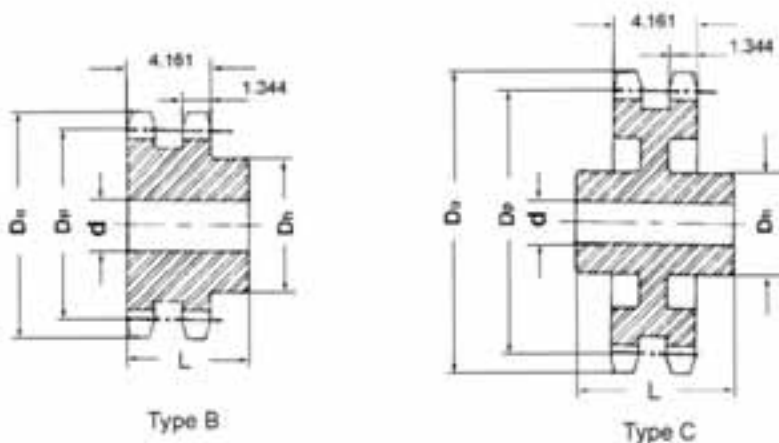
No of Teeth	Pitch Dia. Dp	Outside Dia. Do	A Type A			B C Type B & C						
			Catalog Num	Bore d	Wt(App) (Lbs)	Catalog Num	Type	Bore d		Hub		Wt(App) (Lbs)
								Min	Max	Dh	L	
10	8.090	9.200	200A10	1½	16	200B10	B	1½	3¼	5½	3	26
11	8.875	10.020	200A11	1½	20	200B11	B	1½	4	6	3	33
12	9.660	10.830	200A12	1½	24	200B12	B	1½	4½	6½	3	37
13	10.447	11.640	200A13	1½	30	200B13	B	1½	5¼	7	3	46
14	11.235	12.460	200A14	1½	32	200B14	B	1½	5½	7½	3½	59
15	12.025	13.260	200A15	1½	40	200B15	B	1½	5½	7½	3½	64
16	12.815	14.070	200A16	1½	46	200B16	B	1½	5½	7½	3½	72
17	13.605	14.870	200A17	1½	51	200B17	B	1½	5½	7½	3½	76
18	14.397	15.680	200A18	1½	57	200B18	B	1½	5½	7½	3½	84
19	15.190	16.480	200A19	1½	65	200B19	B	1½	5½	7½	3½	91
20	15.980	17.290	200A20	1½	72	200B20	B	1½	5½	7½	3½	98
21	16.775	18.090	200A21	1½	82	200B21	B	1½	5½	7½	3½	106
22	17.567	18.890	200A22	1½	88	200B22	B	1½	5½	8½	4	131
23	18.360	19.690	200A23	1½	95	200B23	B	1½	5½	8½	4	136
24	19.153	20.490	200A24	1½	105	200B24	B	1½	5½	8½	4	142
25	19.947	21.290	200A25	1½	113	200B25	B	1½	5½	8½	4	153
26	20.740	22.090	200A26	1½	124	200C26	C	1½	5½	8½	4½	178
28	22.327	23.690	200A28	1½	144	200C28	C	1½	5½	8½	4½	195
30	23.917	25.290	200A30	1½	167	200C30	C	1½	5½	8½	4½	212
32	25.505	26.880	200A32	1½	195	200C32	C	1½	5½	8½	4½	220
35	27.890	29.280	200A35	1½	227	200C35	C	1½	5½	8½	4½	254
40	31.865	33.270	200A40	1½	301	200C40	C	1½	6	9	5	320
45	35.840	37.250	200A45	1½	390	200C45	C	1½	6	9	5	364
54	42.995	44.420	200A54	1½	555	200C54	C	1½	6½	9½	5½	512
60	47.768	49.200	200A60	1½	692	200C60	C	1½	6½	9½	5½	654

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PRECISION SPROCKETS

YOUR LINK TO QUALITY.

NO. 200 STOCK SPROCKETS 2½" PITCH



Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

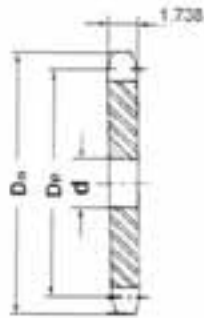
All sprockets shown up to the maximum bore accommodate a standard keyway with a set screw over the keyway and a second set screw at 90 degrees. Larger bores are possible with no keyway, or set screws at an angle to the key way

Double—Type B & C

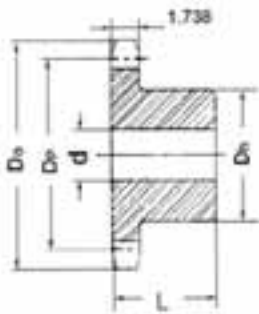
(Dimension, in.)

No Of Teeth	Catalog Num	Pitch Dia Dp	Outside Dia Do	Type	Bore, d		Hub		Wt (App) (Lbs.)
					Min	Max	Dh	L	
11	D200B11	8.875	10.020	B	2	3½	5½	5½	57
12	D200B12	9.660	10.830	B	2	4½	6½	6½	80
13	D200B13	10.447	11.640	B	2	5¼	7	6½	96
14	D200B14	11.235	12.460	B	2	5½	8	6½	119
15	D200B15	12.025	13.260	B	2	5¾	8½	6½	138
16	D200B16	12.815	14.070	B	2	5¾	8½	6½	161
17	D200B17	13.605	14.870	B	2	5¾	8½	6½	178
18	D200B18	14.397	15.680	B	2	5¾	8½	6½	196
19	D200B19	15.190	16.480	B	2	5¾	8½	6½	217
20	D200B20	15.980	17.290	B	2	5¾	8½	6½	236
21	D200B21	16.775	18.090	B	2	5¾	8½	6½	250
22	D200B22	17.567	18.890	B	2	5¾	8½	6½	284
23	D200B23	18.360	19.690	B	2	5¾	8½	6½	308
24	D200B24	19.153	20.490	B	2	5¾	8½	6½	330
25	D200B25	19.947	21.290	B	2	5¾	8½	6½	358
26	D200B26	20.740	22.090	B	2	5¾	8½	6½	386
45	D200C45	35.840	37.250	C	1½	7	10	8½	665
60	D200C60	47.768	49.200	C	1½	7	10	9	972

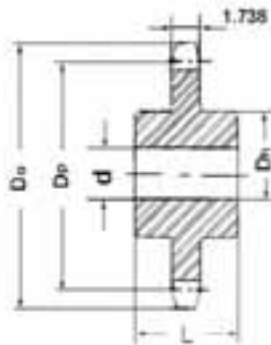
N0. 240 STOCK SPROCKETS 3" PITCH



Type A



Type B



Type C

Sprockets shown in shaded areas are supplied standard with Hardened Teeth.

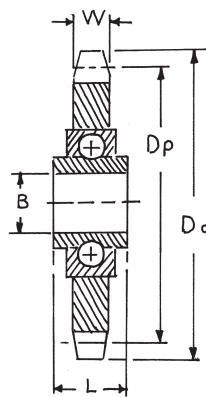
Type B & C sprockets up to the maximum bore indicated are also produced Bore To Size (Type BS) with standard keyway and setscrew over the keyway and a second setscrew at 90 degrees. Larger bores are possible with no keyway, or setscrews at an angle to the keyway.

Single—Type A,B,C

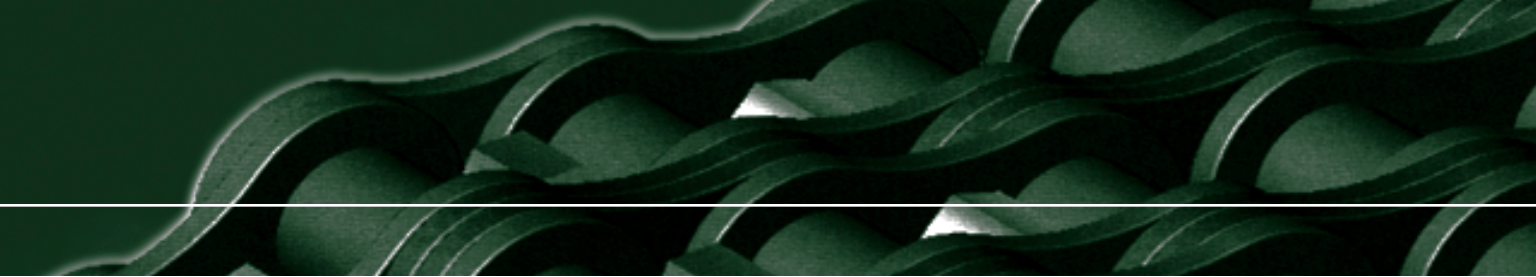
(Dimension, in.)

No of Teeth	Pitch Dia Dp	Outside Dia Do	A Type A			B C Type B & C						
			Catalog Num	Bore d	Wt/App (Lbs)	Catalog Num	Type	Bore, d		Hub		Wt/App (Lbs)
								Min	Max	Dh	L	
10	9.708	11.030	240A10	1 1/2	30	240B10	B	1 1/2	4 1/2	6 1/2	3 3/8	49
11	10.649	12.020	240A11	1 1/2	37	240B11	B	1 1/2	4 3/4	7	3 7/8	66
12	11.591	13.000	240A12	1 1/2	45	240B12	B	1 1/2	5 3/8	7 1/2	3 7/8	72
13	12.536	13.970	240A13	1 1/2	54	240B13	B	1 1/2	5 3/8	7 1/2	3 7/8	81
14	13.482	14.940	240A14	1 1/2	62	240B14	B	1 1/2	5 3/8	7 1/2	3 7/8	88
15	14.429	15.910	240A15	1 1/2	68	240B15	B	1 1/2	5 3/8	7 1/2	3 7/8	98
16	15.377	16.880	240A16	1 1/2	82	240B16	B	1 1/2	5 1/2	8	4 1/8	120
17	16.327	17.850	240A17	1 1/2	93	240B17	B	1 1/2	5 1/2	8	4 1/8	137
18	17.276	18.810	240A18	1 1/2	108	240B18	B	1 1/2	5 1/2	8	4 1/8	142
19	18.227	19.780	240A19	1 1/2	120	240B19	B	1 1/2	5 1/2	8	4 1/8	154
20	19.177	20.740	240A20	1 1/2	128	240B20	B	1 1/2	5 1/2	8	4 1/8	169
21	20.129	21.710	240A21	1 1/2	148	240B21	B	1 1/2	5 1/2	8	4 1/8	186
25	23.936	25.550	240A25	1 1/2	208	240B25	B	1 1/2	5 1/2	8	4 1/8	254
30	28.700	30.340	240A30	1 1/2	310	240C30	C	1 1/2	6	9	6 1/4	398
35	33.467	35.130	240A35	1 1/2	416	240C35	C	1 1/2	6	9	6 1/4	527
40	38.237	39.920	240A40	1 1/2	548	240C40	C	1 1/2	7	10	6 3/4	672
45	43.007	44.700	240A45	1 1/2	702	240C45	C	1 1/2	7	10	6 3/4	850
54	51.595	53.310	240A54	1 1/2	1022	240C54	C	1 1/2	7	10	6 3/4	1148
60	57.322	59.040	240A60	1 1/2	1268	240C60	C	1 1/2	7	10	6 3/4	1419

BALL BEARING IDLER SPROCKET – HARDENED TEETH HIGH SPEED



No. Teeth.	Catalog Number	Chain Size	Do	B	L	W	Wt. Lbs.
20	35BB20H	35	2.60	0.638	0.72	0.17	0.38
17	40BB17H	40	2.97	0.638	0.72	0.28	0.52
18	40BB18H	40	3.14	0.638	0.72	0.28	0.53
15	50BB15H	50	3.32	0.638	0.72	0.34	0.75
17	50BB17H	50	3.72	0.638	0.72	0.34	0.78
13	60BB13H	60	3.51	0.638	0.72	0.46	0.76
15	60BB15H	60	3.98	0.638	0.72	0.46	1.06
12	80BB12H	80	4.36	0.750	0.81	0.58	1.50



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