

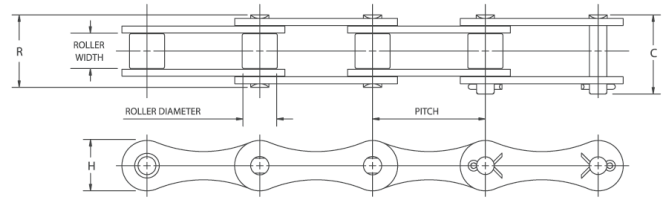
DOUBLE PITCH SERIES CHAIN

CHAIN DESCRIPTIONS AND DIMENSIONS



DOUBLE PITCH POWER TRANSMISSION ROLLER CHAIN

These Diamond® chains, produced to ASME/ANSI B29.3 standards, have figure-eight style link plates. Their dimensions are similar to Standard Series chains with the exception of the pitch, which is twice that of the Standard Series chains. The increase in pitch means that only half the number of component parts are required per foot which can significantly lower the cost. Typical uses for these types of chains include light load drives commonly found in agricultural machinery.



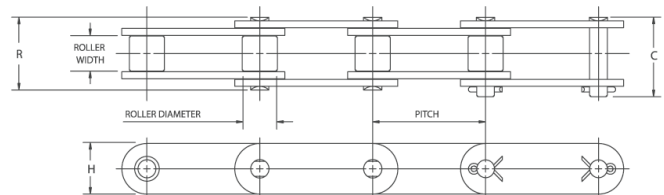
Diamond Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H**	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
2040	1.000 25.40	0.313 7.94	0.312 7.92	0.156 3.96	0.060 1.52	0.760 19.30	0.680 17.27	0.475 12.07	0.280 0.42	3,700 16.46
2050	1.250 31.75	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	0.920 23.37	0.840 21.34	0.594 15.09	0.520 0.77	6,100 27.13
2060	1.500 38.10	0.500 12.70	0.469 7.11	0.234 5.94	0.094 2.39	1.110 28.19	1.050 26.67	0.712 18.08	0.720 1.07	8,500 37.81
2080	2.000 50.80	0.625 15.88	0.625 8.43	0.312 7.92	0.125 3.18	1.440 36.58	1.320 33.53	0.950 24.13	1.130 1.68	14,500 64.50

**Maximum value listed.

ASME/ANSI 60 and larger chains are available as cottered or riveted type design.

DOUBLE PITCH CONVEYOR ROLLER CHAIN

Produced to ASME/ANSI B29.4 standards, these Diamond® chains are used in conveyor applications when loads are low and speeds are moderate. They are similar to the Double Pitch Power Transmission chains, but with link plates that have an oval contour, and can be produced with either standard or over-sized rollers. They are most often found working on conveyors of all shapes and sizes and can be supplied with one or more of our many attachments to carry or convey products.



Diamond Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H**	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
C2040	1.000 25.40	0.333 8.47	0.312 7.92	0.156 3.96	0.060 1.52	0.760 19.30	0.680 17.27	0.475 12.07	0.340 0.51	3,700 16.46
C2042	1.000 25.40	0.333 8.47	0.625 15.88	0.156 3.96	0.060 1.52	0.760 19.30	0.680 17.27	0.475 12.07	0.340 0.51	3,700 16.46
C2050	1.250 31.75	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	0.920 23.37	0.840 21.34	0.594 15.09	0.580 0.86	6,100 27.13
C2052	1.250 31.75	0.375 9.53	0.750 19.05	0.200 5.08	0.080 2.03	0.920 23.37	0.840 21.34	0.594 15.09	0.580 0.86	6,100 27.13
C2060H	1.500 38.10	0.500 12.70	0.469 7.11	0.234 5.94	0.125 3.18	1.250 31.75	1.180 29.97	0.712 18.08	1.050 1.56	8,500 37.81
C2062H	1.500 38.10	0.500 12.70	0.875 7.11	0.234 5.94	0.125 3.18	1.250 31.75	1.180 29.97	0.712 18.08	1.050 1.56	8,500 37.81

**Maximum value listed.

ASME/ANSI 60 and larger chains are available as cottered or riveted type design.

DOUBLE PITCH SERIES CHAIN

CHAIN DESCRIPTIONS AND DIMENSIONS



Continued

Diamond Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H**	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
C2080H	2.000	0.625	0.625	0.312	0.156	1.570	1.450	0.950	1.400	14,500
	50.80	15.88	8.43	7.92	3.96	39.88	36.83	24.13	2.08	64.50
C2082H	2.000	0.625	1.125	0.312	0.156	1.570	1.450	0.950	1.400	14,500
	50.80	15.88	8.43	7.92	3.96	39.88	36.83	24.13	2.08	64.50

**Maximum value listed.
ASME/ANSI 60 and larger chains are available as cottered or riveted type design.



Diamond® chains are part of The Timken Company's advanced motion technologies portfolio.