



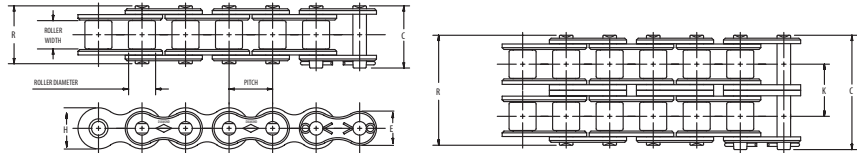
# DIAMOND®



## STANDARD SERIES CHAIN

### SINGLE AND MULTI-STRAND

Diamond Standard Series Chains are built to ASME / ANSI B29.1 standards for dimensions, interoperability, and sprocket fit and exceed the established standards for tensile strength.



Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	Pounds Per Foot	Average Tensile Strength	E**	H**
35	3/8	3/16	.200	.141	.050	0.56	0.50	....	0.21	2100	0.308	0.356
40	1/2	5/16	.312	.156	.060	0.72	0.67	....	0.41	4000	0.410	0.475
40-2	1/2	5/16	.312	.156	.060	1.29	1.24	0.566	0.80	8000	0.410	0.475
41	1/2	1/4	.306	.141	.050	0.65	0.57	....	0.26	2400	0.310	0.383
50	5/8	3/8	.400	.200	.080	0.89	0.83	....	0.68	6600	0.512	0.594
60	3/4	1/2	.469	.234	.094	1.11	1.04	....	0.99	8500	0.615	0.713
60-2	3/4	1/2	.469	.234	.094	2.01	1.94	0.897	1.95	17000	0.615	0.713
80	1	5/8	.625	.312	.125	1.44	1.32	....	1.73	14500	0.820	0.950
80-2	1	5/8	.625	.312	.125	2.59	2.47	1.153	3.37	29000	0.820	0.950
100	1 1/4	3/4	.750	.375	.156	1.73	1.61	....	2.51	24000	1.025	1.188

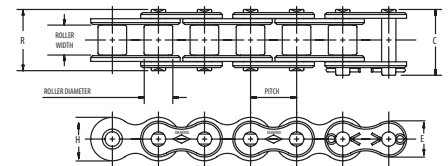
\*Chains are rollerless -- dimension shown is bushing diameter. ASME/ANSI 60 and larger chains are available as cottered or riveted type design.

\*\* Maximum values are shown.

Multiple strand chains are available with slip-fit (standard) or press-fit center plates.

## HEAVY SERIES CHAIN

Diamond Heavy Series Chains are built to ASME / ANSI B29.1 standards and utilize link plates from the next larger size of chain. Heavy Series chains are intended for applications subject to heavy shock loads, starts and stops, and forward and reverse travel.



Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Pounds Per Foot	Average Tensile Strength	E*	H*
60H	3/4	1/2	.469	.234	.125	1.24	1.17	1.18	8500	.615	.713
80H	1	5/8	.625	.312	.156	1.57	1.45	2.02	14500	.820	.950
100H	1 1/4	3/4	.750	.375	.187	1.86	1.74	2.82	24000	1.025	1.188

\* Maximum values are shown.

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

Multiple strand chains are available with slip-fit (standard) or press-fit center plates.

AGRICULTURE ROLLER CHAIN

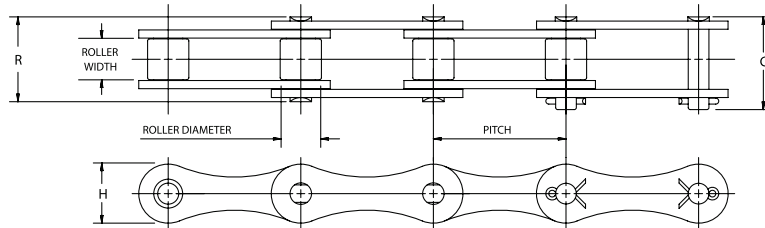


# NOTHING OUTLASTS A DIAMOND.®



## DOUBLE-PITCH POWER TRANSMISSION ROLLER CHAIN

These 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.



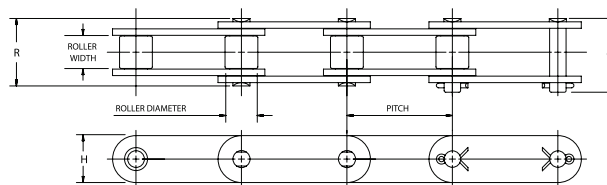
Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Pounds Per Foot	Average Tensile Strength	H*
2040	1	5/16	.312	.156	.060	.76	.68	0.28	3700	.475
2050	1 1/4	3/8	.400	.200	.080	.92	.84	0.52	6100	.594
2060	1 1/2	1/2	.469	.234	.094	1.11	1.05	0.72	8500	.712

\*Maximum values are shown.  
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 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.



Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Pounds Per Foot	Average Tensile Strength	H*
C2040	1	5/16	.312	.156	.060	.76	.68	0.34	3700	.475
C2042	1	5/16	.625	.156	.060	.76	.68	0.50	3700	.475
C2050	1 1/4	3/8	.400	.200	.080	.92	.84	0.58	6100	.594
C2052	1 1/4	3/8	.750	.200	.080	.92	.84	0.81	6100	.594
C2060H	1 1/2	1/2	.469	.234	.125	1.25	1.18	1.05	8500	.712
C2062H	1 1/2	1/2	.875	.234	.125	1.25	1.18	1.42	8500	.712

\*Maximum values are shown.  
ASME/ANSI 60 and larger chains are available as cottered or riveted type design.

AGRICULTURE - CHAIN DESCRIPTIONS AND DIMENSIONS

For more information on the Diamond Chain Company, its products, and its services, please visit us at [www.diamondchain.com](http://www.diamondchain.com) or by calling 1-800-872-4246.