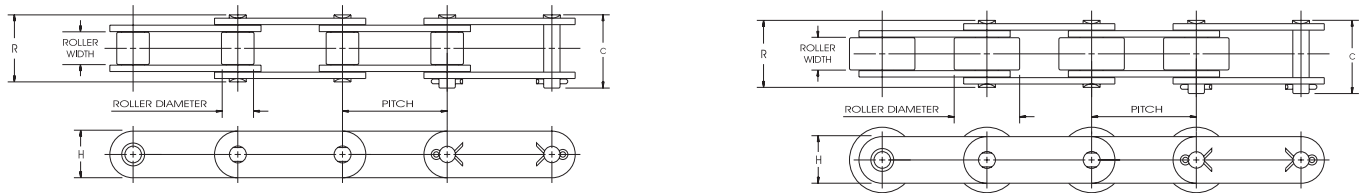


# DOUBLE-PITCH CONVEYOR ROLLER CHAIN

## Chain Descriptions and Dimensions

### Double-Pitch Conveyor Roller Chain

Produced to ASME/ANSI B29.4, 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 and Pounds

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight Per Foot	Average Tensile Strength
C-2040	1	5/16	.312	.156	.060	.76	.68	.34	3700
C-2050	1 1/4	3/8	.400	.200	.080	.92	.84	.58	6100
C-2060H	1 1/2	1/2	.469	.234	.125	1.25	1.18	1.05	8500
C-2080H	2	5/8	.625	.312	.156	1.57	1.45	1.40	14500
C-2100H	2 1/2	3/4	.750	.375	.187	1.86	1.74	2.48	24000
C-2120H	3	1	.875	.437	.219	2.27	2.13	3.60	34000
C-2160H	4	1 1/4	1.125	.562	.281	2.86	2.68	6.18	58000

Dimensions in Inches and Pounds

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight Per Foot	Average Tensile Strength
C-2042	1	5/16	.625	.156	.060	.76	.68	.50	3700
C-2052	1 1/4	3/8	.750	.200	.080	.92	.84	.81	6100
C-2062H	1 1/2	1/2	.875	.234	.125	1.25	1.18	1.42	8500
C-2082H	2	5/8	1.125	.312	.156	1.57	1.45	2.13	14500
C-2102H	2 1/2	3/4	1.562	.375	.187	1.86	1.74	3.51	24000
C-2122H	3	1	1.750	.437	.219	2.27	2.13	5.48	34000
C-2162H	4	1 1/4	2.250	.562	.281	2.86	2.68	9.34	58000

### Link Plate Height

Many times chains are contained within guides or extrusions to protect them from contamination. If this is the case, link plate height can be a critical dimension. The following represent nominal pin and roller link plate heights for the models shown. If more detailed information is required please contact Diamond's application engineers.

Dimensions in Inches

Link Plate Height*	Model Number						
	C2040	C2050	C2060H C2062H	C2080H C2082H	C2100H C2102H	C2120H C2122H	C2160H C2162H
H	.475	.594	.712	.950	1.187	1.425	1.900

\* Nominal values are shown. For information on specific models contact Diamond.