

Double Pitch Conveyor Roller Chains

Double Pitch Conveyor Chains are provided with standard rollers or oversized rollers. Conveyor roller chains with standard rollers are typically used for light to moderate conveyor applications. Conveyor Roller Chains with oversized rollers reduce friction by providing rolling action. Normally, Double Pitch Conveyor Roller Chains are used in continuous lengths with connecting links to provide an even number of pitches. If an odd number of pitches is required, offset links are used along with a connecting link to provide an odd number of pitches. Conveyor Roller Chains consist of alternating pin links and roller links. Conveyor Roller Chain components include pin link plates, roller link plates, pins, bushings, and rollers. Double Pitch Conveyor Roller Chains are available with steel rollers or plastic/delrin rollers. They are also available in standard and heavy series with heavy series commonly starting at C2060H. Common Double Pitch Power Transmission Roller Chains include the following described chains:

- C2040 (1.000" pitch with standard roller)
- C2050 (1.250" pitch with standard roller)
- C2060 (1.500" pitch with standard roller)
- C2060H (1.500" pitch heavy series with standard roller)
- C2080H (2.000" pitch heavy series with standard roller)
- C2100H (2.500" pitch heavy series with standard roller)
- C2120H (3.000" pitch heavy series with standard roller)
- C2160H (4.000" pitch heavy series with standard roller)
- C2042 (1.000" pitch with oversized roller)
- C2052 (1.250" pitch with oversized roller)
- C2062H (1.500" pitch heavy series with oversized roller)
- C2082H (2.000" pitch heavy series with oversized roller)
- C2102H (2.500" pitch heavy series with oversized roller)
- C2122H (3.000" pitch heavy series with oversized roller)
- C2162H (4.000" pitch heavy series with oversized roller)

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Proposed Interchange List for Standard Roller Chain and Double Pitch Chain

Industry Chain Number	Pitch	Additional Company	Attachments	Peer Chain	Attachments	Additional Company	Attachments	Additional Company	Attachments
Standard Roller Chain									
25	.250			25					
35	.375			35	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3				
40	.500			40	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3, AA-1, SAA-1, KK-1, SKK-1				
41	.500			41	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3				
50	.625			50	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3, AA-1, SAA-1, KK-1, SKK-1				
60	.750			60	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3, AA-1, SAA-1, KK-1, SKK-1				
80	1.000			80	A-1, K-1, SA-1, SK-1, WA-1, WA-2, WK-1, WK-2, WSA-1, WSA-2, WSK-1, WSK-2, D-1, D-3, D-D-1, D-D-3, AA-1, SAA-1, KK-1, SKK-1				
100	1.250			100	A-1, K-1, SA-1, SK-1, D-1, D-3, AA-1, SAA-1, WA-1, WA-2, WSA-1, WSA-2, KK-1, SKK-1, WK-1, WK-2, WSK-1, WSK-2				
120	1.500			120	A-1, K-1, SA-1, SK-1, D-1, D-3				
140	1.750			140	A-1, K-1, SA-1, SK-1, D-1, D-3				
160	2.000			160	A-1, K-1, SA-1, SK-1, D-1, D-3				
180	2.250			180					
200	2.500			200					
240	3.000			240					
Double Pitch Chain *Oversized Rollers									
C2040/C2042*	1.000			C2040/C2042*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
C2050/C2052*	1.250			C2050/C2052*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
C2060/C2062*	1.500			C2060/C2062*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
C2060H/C2062H*	1.500			C2060H/C2062H*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3, G-1, D-5				
C2080H/C2082H*	2.000			C2080H/C2082H*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3, G-1				
C2100H/C2102H*	2.500			C2100H/C2102H*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
C2120H/C2122H*	3.000			C2120H/C2122H*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
C2160H/C2162H*	4.000			C2160H/C2162H*	A-1, A-2, K-1, K-2, SA-1, SA-2, SK-1, SK-2, D-1, D-3				
CODE			White - Open for		Green - Completed		White - Open for Additional		White - Open for Additional