



Diamond Dash

Shipping standard attachment chain quickly and efficiently



The Diamond Dash program utilizes dedicated people, inventory and production facilities to ship standard attachment chain in as few as three to five business days of order confirmation.

Availability includes:

- ◆ Standard: straight, bent, wide contour and extended pin attachments
- ◆ Multiple chain types and sizes
 - ◆ Carbon Steel Chain: ANSI 35-100; C2040-C2050; C2060H-C2080H
 - ◆ Diamond ACE® Chain: ANSI 40-100; C2040-C2050; C2060H-C2080H
- ◆ For orders up to 100 feet
- ◆ Class 1 and 2 length matching optional
- ◆ Qualifying orders automatically processed as Diamond Dash

Note: All qualifying Diamond Dash orders will contain Diamond ACE® attachments; base chain options can be specified as carbon steel or Diamond ACE

High-Quality Standard Attachments. Expedited Fulfillment.

Diamond offers a wide variety of standard attachments that qualify for Diamond Dash. Our solutions combine proven quality with expedited fulfillment to keep your operations running without delay.

Single Pitch Attachments



SA1
Straight Link Plate
One Side - One Hole



SK1
Straight Link Plate
Two Sides - One Hole



BA1
Bent Link Plate
One Side - One Hole

Wide Contour Attachments



WBA2
Wide Contour Bent
One Side - Two Holes



WBK2
Wide Contour Bent
Two Sides - Two Holes



WSA2
Wide Contour Straight
One Side - Two Holes



WSK2
Wide Contour Straight
Two Sides - Two Holes

Double Pitch Attachments



SA1
Straight Link Plate
One Side - One Hole



SA2
Straight Link Plate
One Side - Two Holes



SK1
Straight Link Plate
Two Sides - One Hole



SK2
Straight Link Plate
Two Sides - Two Holes



D1
One Pin Extended



D3
Two Pins Extended



BA1
Bent Link Plate
One Side - One Hole



BA2
Bent Link Plate
One Side - Two Holes



BK1
Bent Link Plate
Two Sides - One Hole



BK2
Bent Link Plate
Two Sides - Two Holes

CLASS 1 MATCHING

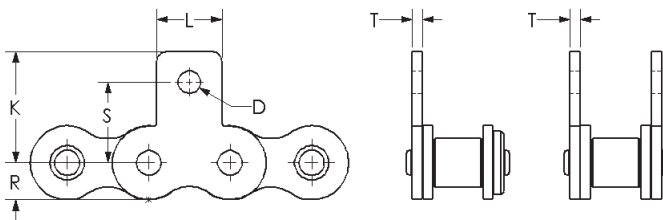
Ensures the longest and shortest chain in a set do not vary in length by more than 0.030 inches (0.76mm).

CLASS 2 MATCHING

Ensures the longest and shortest chain in a set do not vary in length by more than 0.020 inches (0.51mm).

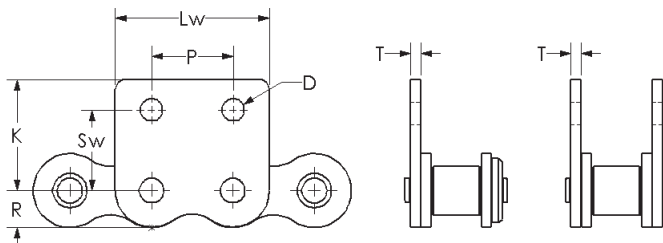
Attachment Dimensions

Standard Straight Attachments: SA1, SK1



ASME/ANSI Number	Pitch	D	K	L	R Max.	S	T
	in mm	in mm	in mm	in mm	in mm	in mm	in mm
25	0.250 6.35	0.125 3.18	0.451 11.455	0.218 5.54	0.119 3.02	0.308 7.82	0.030 0.76
35	0.375 9.53	0.102 2.59	0.577 14.656	0.312 7.92	0.178 4.52	0.387 9.83	0.050 1.27
40	0.500 12.70	0.141 3.58	0.684 17.374	0.375 9.53	0.238 6.05	0.489 12.42	0.060 1.52
50	0.625 15.88	0.203 5.16	0.895 22.733	0.500 12.70	0.297 7.54	0.618 15.70	0.080 2.03
60	0.750 19.05	0.203 5.16	1.038 26.365	0.625 15.88	0.356 9.04	0.716 18.19	0.094 2.39
80	1.000 25.40	0.266 6.76	1.339 34.011	0.750 19.05	0.475 12.07	0.968 24.59	0.125 3.18
100	1.250 31.75	0.343 8.71	1.696 43.078	1.000 25.40	0.594 15.09	1.233 31.32	0.156 3.96

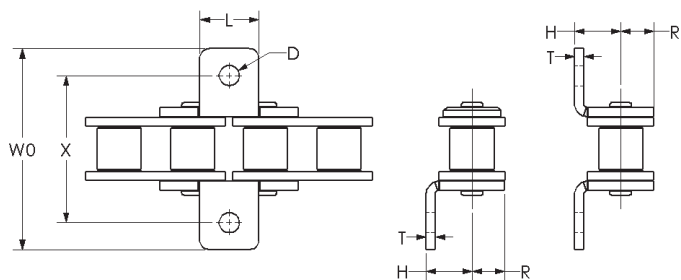
Wide Contour Straight Attachments: WSA2, WSK2



ASME/ANSI Number	Pitch	D	K	Lw	P	R Max.	Sw	T
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
35	0.375 9.53	0.125 3.18	0.577 14.66	0.727 18.47	0.375 9.53	0.178 4.52	0.399 10.13	0.050 1.27
40	0.500 12.70	0.141 3.58	0.684 17.37	0.946 24.03	0.500 12.70	0.238 6.05	0.503 12.78	0.060 1.52
50	0.625 15.88	0.203 5.16	0.895 22.73	1.211 30.76	0.625 15.88	0.297 7.54	0.618 15.70	0.080 2.03
60	0.750 19.05	0.203 5.16	1.038 26.37	1.420 36.07	0.750 19.05	0.356 9.04	0.716 18.19	0.094 2.39
80	1.000 25.40	0.266 6.76	1.339 34.01	1.885 47.88	1.000 25.40	0.475 12.07	0.967 24.56	0.125 3.18
100	1.250 31.75	0.343 8.71	1.696 43.08	2.362 59.99	1.250 31.75	0.594 15.09	1.233 31.32	0.156 3.96

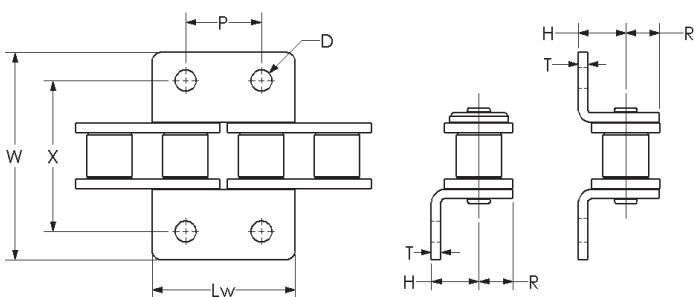
Attachment Dimensions

Standard Bent Attachments: BA1, BK1



ASME/ANSI Number	Pitch	D	H	L	R Max.	T	W0	X
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
25	0.250 6.35	0.125 3.18	0.180 4.572	0.218 5.54	0.119 3.02	0.030 0.76	0.843 21.41	0.562 14.27
35	0.375 9.53	0.102 2.59	0.250 6.350	0.312 7.92	0.178 4.52	0.050 1.27	1.125 28.58	0.750 19.05
40	0.500 12.70	0.141 3.58	0.312 7.925	0.375 9.53	0.238 6.05	0.060 1.52	1.390 35.31	1.000 25.40
50	0.625 15.88	0.203 5.16	0.406 10.312	0.500 12.70	0.297 7.54	0.080 2.03	1.812 46.02	1.250 31.75
60	0.750 19.05	0.203 5.16	0.478 12.141	0.625 15.88	0.356 9.04	0.094 2.39	2.135 54.23	1.500 38.10
80	1.000 25.40	0.266 6.76	0.625 15.875	0.750 19.05	0.475 12.07	0.125 3.18	2.750 69.85	2.000 50.80
100	1.250 31.75	0.343 8.71	0.784 19.914	1.000 25.40	0.594 15.09	0.156 3.96	3.406 86.51	2.500 63.50

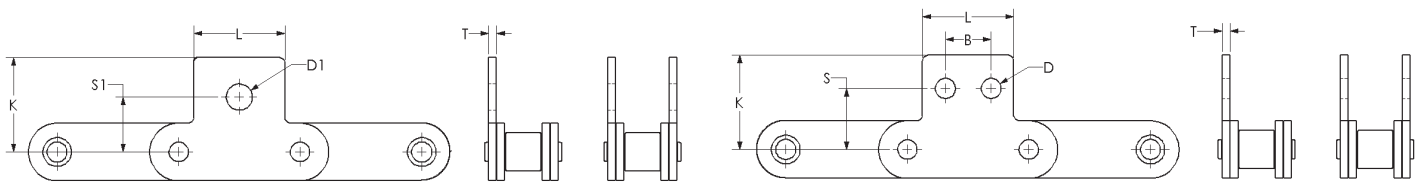
Wide Contour Bent Attachments: WBA2, WBK2



ASME/ANSI Number	Pitch	D	Hw	Lw	P	R Max.	T	W	X
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
35	0.375 9.53	0.125 3.18	0.262 6.655	0.727 18.47	0.375 9.53	0.178 4.52	0.050 1.27	1.105 28.07	0.750 19.05
40	0.500 12.70	0.141 3.58	0.326 8.280	0.946 24.03	0.500 12.70	0.238 6.05	0.060 1.52	1.366 34.70	1.000 25.40
50	0.625 15.88	0.203 5.16	0.406 10.312	1.211 30.76	0.625 15.88	0.297 7.54	0.080 2.03	1.807 45.90	1.250 31.75
60	0.750 19.05	0.203 5.16	0.478 12.14	1.420 36.07	0.750 19.05	0.356 9.04	0.094 2.39	2.135 54.23	1.500 38.10
80	1.000 25.40	0.266 6.76	0.625 15.88	1.885 47.88	1.000 25.40	0.475 12.07	0.125 3.18	2.750 69.85	2.000 50.80
100	1.250 31.75	0.343 8.71	0.784 19.91	2.362 59.99	1.250 31.75	0.594 15.09	0.156 3.96	3.408 86.56	2.500 63.50

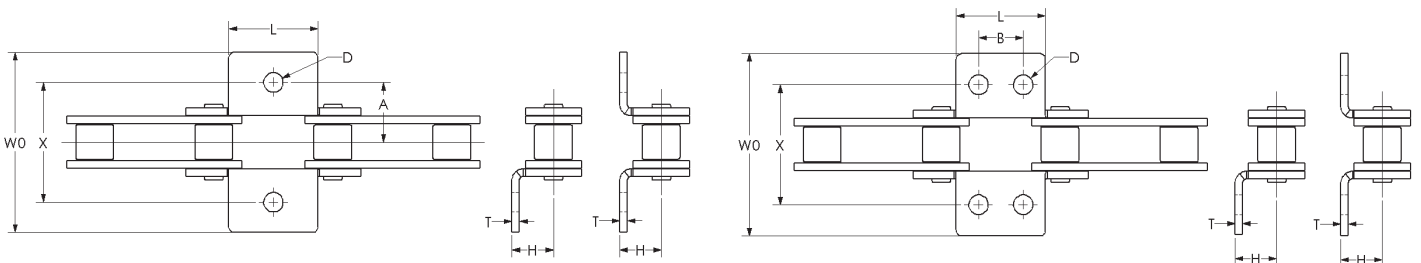
Attachment Dimensions

Double Pitch Oval Contour Straight Attachments: SA1, SA2, SK1, SK2



ASME/ANSI Number	Pitch	Roller Diameter	Two Attachment Holes			K	L	T	One Attachment Hole	
	in mm	in mm	B in mm	D in mm	S in mm				D1 in mm	S1 in mm
C2040	1.000 25.40	0.312 7.92	0.375 9.53	0.142 3.61	0.531 13.49	0.780 19.81	0.750 19.05	0.060 1.52	0.205 5.21	0.437 11.10
C2050	1.250 31.75	0.400 10.16	0.469 11.91	0.205 5.21	0.625 15.88	0.969 24.61	0.937 23.80	0.080 2.03	0.268 6.81	0.563 14.30
C2060H	1.500 38.10	0.469 11.91	0.562 14.27	0.203 5.16	0.750 19.05	1.203 30.56	1.125 28.58	0.125 3.18	0.329 8.36	0.688 17.48
C2080H	2.000 50.80	0.625 15.88	0.750 19.05	0.266 6.76	1.000 25.40	1.590 40.39	1.500 38.10	0.156 3.96	0.375 9.53	0.875 22.23

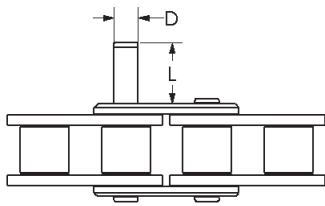
Double Pitch Oval Contour Bent Attachments: BA1, BA2, BK1, BK2



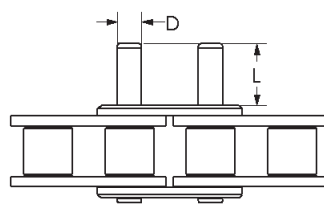
ASME/ANSI Number	Pitch	Roller Diameter	A	B	D	H	L	T	W0	X
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
C2040	1.000 25.40	0.312 7.92	0.500 12.70	0.375 9.53	0.142 3.61	0.358 9.09	0.750 19.05	0.060 1.52	1.500 38.10	1.000 25.40
C2050	1.250 31.75	0.400 10.16	0.628 15.95	0.469 11.91	0.205 5.21	0.437 11.10	0.937 23.80	0.080 2.03	1.916 48.67	1.250 31.75
C2060H	1.500 31.75	0.469 10.16	0.844 15.88	0.562 11.91	0.203 5.16	0.578 11.51	1.125 23.80	0.125 2.03	2.446 47.32	1.688 31.75
C2080H	2.000 38.10	0.625 11.91	1.094 21.44	0.750 14.27	0.266 5.16	0.766 14.25	1.500 28.58	0.156 2.39	3.125 58.85	2.188 42.88

Attachment Dimensions

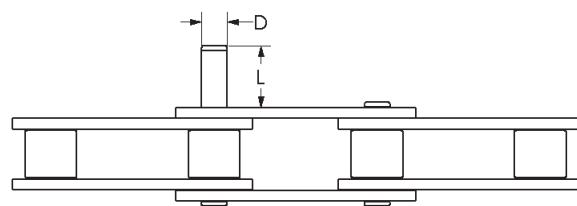
Standard Extended Pins: D1, D3



Single pin



Double pin



Single pin on double pitch chain
(double pin not shown)

Carbon Steel Extended Pins

ASME/ANSI Number	Pitch	D*	L**
	in mm	in mm	in mm
35	0.375 9.53	0.141 3.58	0.375 9.53
40	0.500 12.70	0.156 3.96	0.375 9.53
50	0.625 15.88	0.200 5.08	0.469 11.91
60	0.750 19.05	0.234 5.94	0.563 14.30
80	1.000 25.40	0.312 7.92	0.750 19.05
100	1.250 31.75	0.375 9.53	0.938 23.83
C2040	1.000 25.40	0.156 3.96	0.375 9.53
C2050	1.250 31.75	0.200 5.08	0.469 11.91
C2060H	1.500 38.10	0.234 5.94	0.563 14.30
C2080H	2.000 50.80	0.312 7.92	0.750 19.05

*D dimension +/- 0.0005" (0.0127mm)

**L dimension +/- 0.010" (0.254mm)



Diamond is the recognized world leader in the design and manufacture of high quality, high performance roller chain. Since 1890, Diamond has produced tens of thousands of types of roller chain for a wide variety of applications from oil field to conveyors to combines.



diamonddrives.com

Diamond® chains are part of The Timken Company's growing portfolio of engineered bearings and industrial motion products.

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