

## **Diamond Series Attachment Chain**

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The best chain deserves the **best attachments.**<sup>™</sup>

# Diamond Attachment Chain

Since 1890, Diamond Chain Company has been setting the standard for high quality industrial roller chain. The same performance and attention to detail upon which the company was founded is also available in Made To Order Attachment Chain.

- ◆ Diamond Dash Express Program – shipment of most popular attachments and sizes within two business days of order confirmation
- ◆ Detailed drawings provided with each quote – electronic configurator provides part numbers and detailed drawings allowing chain verification before the order is placed
- ◆ Advanced custom attachment capability – laser fabrication cell allows precise and rapid creation of custom attachments, with minimal or no tooling required

Diamond Chain has always delivered **superior performance** and **superior return on investment**; these enhancements to the Made To Order Attachment Chain program enable delivery of that product faster than ever before.

*Chain shown has mix of standard and custom attachments.*

**2d**

## Diamond Dash

**Shipping standard attachment chain within two business days of order confirmation**

The Diamond Dash program utilizes dedicated people, inventory and production facilities to ship standard attachment chain within two business days of order confirmation.

Availability includes:

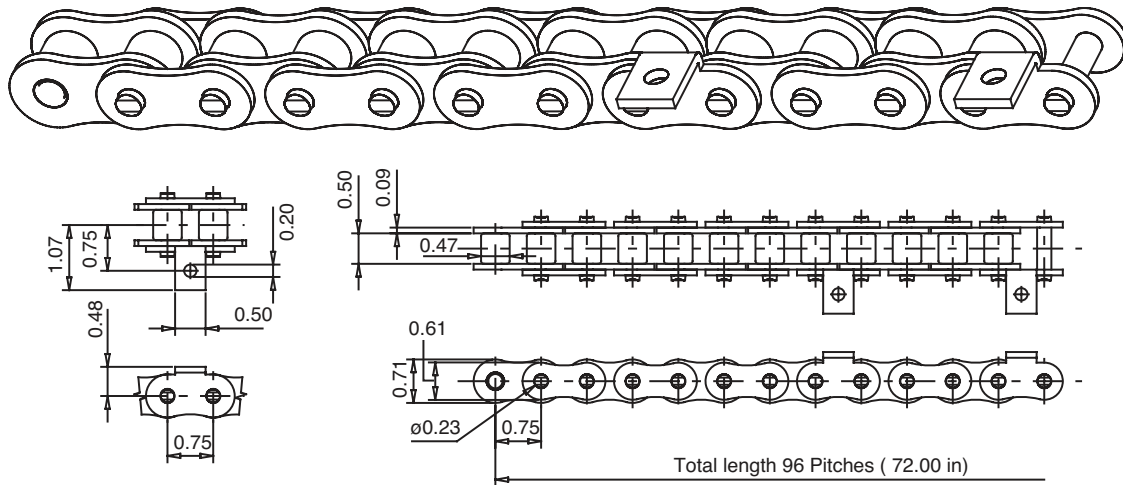
- ◆ Standard, bent, wide contour, and extended pin attachments (see back cover for detailed attachment availability)
- ◆ Multiple chain types and sizes
  - Carbon Steel Chain: ANSI #35-100; C2040-C2050; C2060H-C2080H
  - ACE Plated Chain: ANSI #40-80; C2040-C2050; C2060H-C2080H
  - Stainless Steel Chain: ANSI #40-80; C2040-C2080
- ◆ For orders up to 100 feet
- ◆ Class 1 and 2 length matching optional
- ◆ Qualifying orders automatically processed as Diamond Dash



## Electronic Configurator

### Detailing drawings and part number provided with each quote

Each quote for standard attachment chain now includes detailed drawings and part numbers provided by the Diamond electronic configurator. This provides verification that the made-to-order chain will be produced exactly as needed.



## Custom Attachments

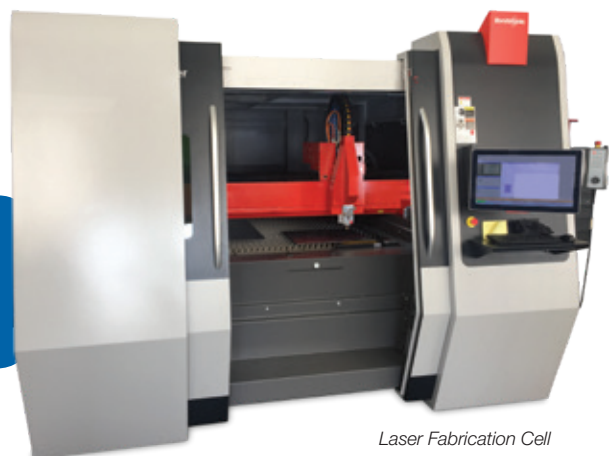
### Laser fabrication cell allows precise, rapid custom part development

New for 2018, a laser fabrication cell is dedicated to the production of attachment components. While traditional presses are still used for high-volume attachments, low volume or custom attachments can be quickly and precisely produced without the need for traditional tooling or long setup/changeover times. The laser cell uses the same quality materials as standard attachments, and an extensive inventory of raw materials ensure the ability to produce attachments for the desired chain size.

Please contact your sales representative or Diamond Chain customer service to submit a custom attachment chain order.

#### NOTE:

The laser fabrication cell replaces the need for a traditional punch press for component fabrication. Tooling may be required for bent attachments.



Laser Fabrication Cell

## Standard Attachments

Diamond Chain offers a wide assortment of standard attachments, along with the ability to create custom attachments via a dedicated laser fabrication cell. The laser fabrication cell can create custom attachments quickly, often with zero or a reduced tooling cost.

### Single Pitch Attachments

Base Chain Availability	Max Length	Carbon Steel	Nickel Plated	ACE Plated	Stainless Steel	O-Ring	Duralube LIVE <sup>®</sup>	Sidebow
Diamond Dash (48 hours)	100'	35-100	-	40-80	40-80	-	-	-
Standard program	no limit	25-160	25-120	40-80	25-80	50-160	40-80	40-50



**S1-1H**  
Straight Link Plate  
One Side - One Hole



**S2-1H**  
Straight Link Plate  
Two Sides - One Hole



**B1-1H**  
Bent Link Plate  
One Side - One Hole



**B2-1H**  
Bent Link Plate  
Two Sides - One Hole



**E1<sup>#</sup>**  
One Pin Extended



**E2<sup>#</sup>**  
Two Pins Extended

### Wide Contour Attachments

Base Chain Availability	Max Length	Carbon Steel	Nickel Plated	ACE Plated	Stainless Steel	O-Ring	Duralube LIVE <sup>®</sup>	Sidebow
Diamond Dash (48 hours)	100'	40-80	-	40-80	40-80	-	-	-
Standard program	no limit	35-120	35-120	40-80	35-80	50-120	40-80	-



**WCB1-1H**  
Wide Contour Bent  
One Side - One Hole



**WCB1-2H**  
Wide Contour Bent  
One Side - Two Holes



**WCB2-1H**  
Wide Contour Bent  
Two Sides - One Hole



**WCB2-2H**  
Wide Contour Bent  
Two Sides - Two Holes



**WCS1-1H**  
Wide Contour Straight  
One Side - One Hole



**WCS1-2H**  
Wide Contour Straight  
One Side - Two Holes



**WCS2-1H**  
Wide Contour Straight  
Two Sides - One Hole



**WCS2-2H**  
Wide Contour Straight  
Two Sides - Two Holes

### Double Pitch Attachments

Base Chain Availability	Max Length	Carbon Steel	Nickel Plated	ACE Plated	Stainless Steel	O-Ring	Duralube LIVE <sup>®</sup>	Sidebow
Diamond Dash (48 hours)	100'	C2040-C2080H	-	C2040-C2080H	C2040-C2080	-	-	-
Standard program	no limit	C2040-C2160H	C2040-C2060H	C2040-C2080H	C2040-C2080	-	-	-



**S1-1H<sup>#</sup>**  
Straight Link Plate  
One Side - One Hole



**S1-2H**  
Straight Link Plate  
One Side - Two Holes



**S2-1H<sup>#</sup>**  
Straight Link Plate  
Two Sides - One Hole



**S2-2H**  
Straight Link Plate  
Two Sides - Two Holes



**E1<sup>#\*</sup>**  
One Pin Extended



**E2<sup>#\*</sup>**  
Two Pins Extended



**B1-1H<sup>#</sup>**  
Bent Link Plate  
One Side - One Hole



**B1-2H**  
Bent Link Plate  
One Side - Two Holes



**B2-1H<sup>#</sup>**  
Bent Link Plate  
Two Sides - One Hole



**B2-2H**  
Bent Link Plate  
Two Sides - Two Holes

\*Attachments available on pin link plate only

<sup>#</sup>Available for carbon steel chain only in Diamond Dash program. Available for all chain types in standard program.

<sup>†</sup>Available for C2040 and C2050 only in Diamond Dash program. Available for all chain sizes in standard program.

#### CLASS 1 MATCHING

Ensures the longest and shortest chain in a set do not vary in length by more than 0.006"/ft (0.06" per 10 feet)

#### CLASS 2 MATCHING

Ensures the longest and shortest chain in a set do not vary in length by more than 0.002"/ft (0.02" per 10 feet)