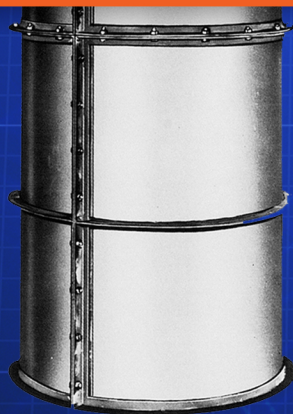
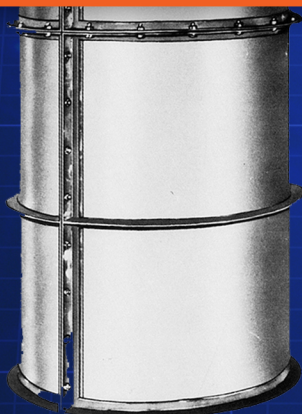
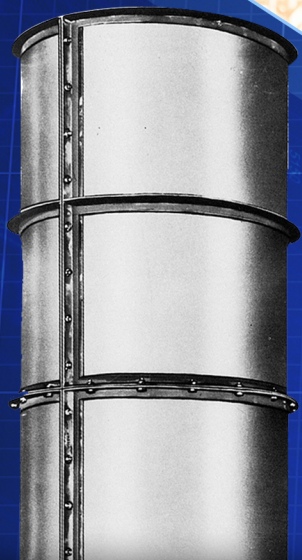




# Deslauriers Forming Manual



**WEB:** [www.deslinc.com](http://www.deslinc.com)

**PHONE:** 800.743.4106

**FAX:** 877.743.4106



## FORMING MANUAL

### HOW TO ORDER STEEL CONCRETE COLUMN FORMS

# CAT#: HD2496

MFG #

HEAVY  
DUTYFORM  
DIAMETERFORM  
HEIGHT

- Available for sale starting at 14" dia. up to unlimited dia.
- Available for rent starting at 14" dia. up to 60" dia.
- Standard 1', 2', 4', and 8' lengths
- Half round sections for forms 14" dia. through 48" dia. and quarter round sections for forms over 48" dia.

### ORDERING CHECKLIST

- ✓ Bolts & Nuts -2"x1/2" (Included)
- ✓ Lifting Brackets (Optional)
- ✓ Pipe Brace Connectors (Optional)
- ✓ Scaffold Brackets (Optional)
- ✓ Chamfer Ring (Optional)
- ✓ Bullnose Adapters (Optional)

### POUR RATES / POUR PRESSURE

TEMPERATURE (DEGREES FAHRENHEIT)	FT PER HOUR	
	2000 PSF	3000 PSF
40°	8 ft	13 ft
50°	10 ft	16 ft
60°	12 ft	20 ft
70°	14 ft	24 ft
80°	16 ft	26 ft
90°	18 ft	30 ft

Lateral pressure should not exceed 3000 PSF on forms through 36" dia. or 2000 PSF on forms over 36" dia.







## FORMING MANUAL

### NUTS & BOLTS; FORM WEIGHTS

DIAMETER	TOTAL NUTS/BOLT SETS REQUIRED PER FULL ROUND FORM				FORM WEIGHT (POUNDS) *with no accessories			
	1 FT	2 FT	4 FT	8 FT	1 FT	2 FT	4 FT	8 FT
14	12	16	24	40	38#	64#	116#	218#
16	14	18	26	42	44#	68#	126#	244#
18	14	18	26	42	46#	72#	140#	268#
20	16	20	28	44	50#	78#	146#	290#
22	16	20	28	44	50#	84#	158#	306#
24	18	22	30	46	56#	92#	172#	340#
26	18	22	30	46	64#	100#	182#	368#
28	20	24	32	48	66#	104#	208#	414#
30	20	24	32	48	68#	112#	210#	394#
32	22	26	34	50	74#	120#	216#	416#
34	22	26	34	50	80#	126#	228#	446#
36	22	26	34	50	80#	128#	236#	464#
42	26	30	38	54	92#	152#	282#	
48	30	34	42	58	106#	166#	312#	
54	36	44	69	92	128#	204#	384#	724#
60	40	48	64	96	140#	224#	412#	808#
66	44	52	68	100	154#	246#	453#	889#
72	52	60	76	108	168#	269#	494#	970#
78	58	64	82	112	182#	291#	536#	
84	64	68	88	116	196#	314#	577#	

\*Bolts should be torqued to 85 FT.LBS.

\*Additional bolts may be needed for stacking forms.

\*Larger sizes available.

**SCAN THE QR CODE**  
to watch a video  
on How to Assemble & Stack  
Steel Column Forms.

SCAN ME

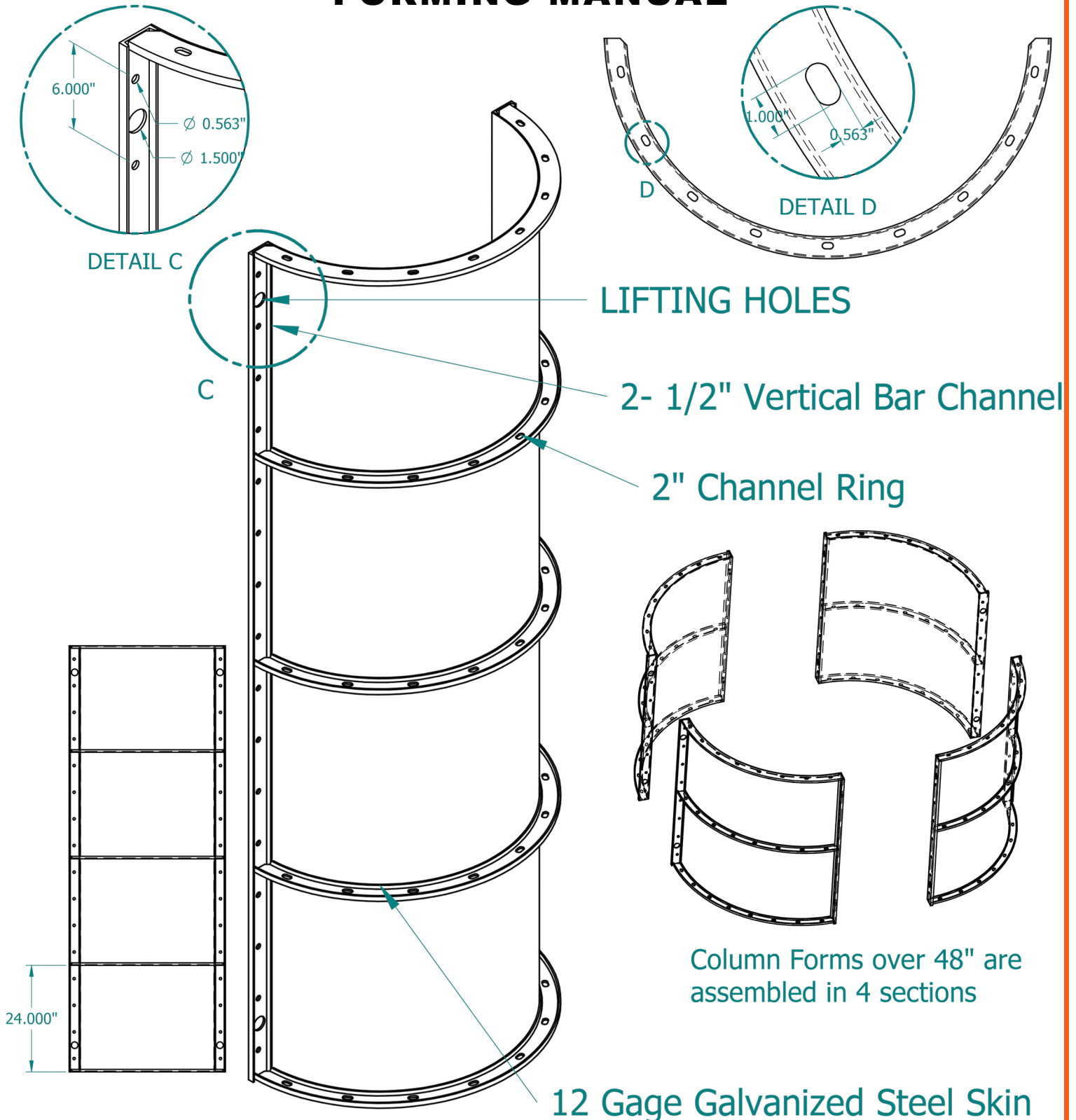


**SCAN THE QR CODE**  
to watch a video  
on How to Assemble  
Steel Column Forms -  
54" or greater in diameter.

SCAN ME



## FORMING MANUAL



*Disclaimer: Do not use horizontal rings as a climbing ladder.*



# FORMING MANUAL

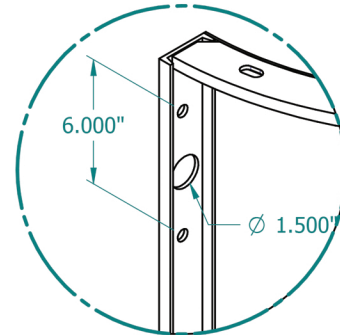
## LIFTING FORMS

### Option #1: Lifting Holes

Built in 1-1/2" lifting holes on most 4ft and 8ft forms.

Capacity: 1200lb

*Disclaimer: Do not use holes on horizontal rings for lifting as this may cause damage.*



### Option #2: Lifting Bracket

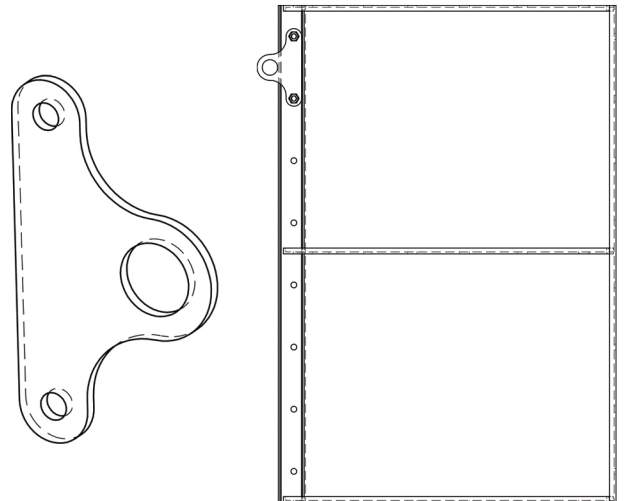
CAT#: HDS-LB - Sale

CAT#: HD-LB - Rental, Minimum 28 Days

\*Sold and rented in sets of 2.

The Deslauriers Lifting Bracket bolts to the vertical flange using standard assemble bolts. Lifting brackets allow column formwork to be lifted and moved as a single assembled unit. Deslauriers' 1ft and 2ft forms do not have lifting eyes, thus lifting brackets are recommended. Minimum of two required per column. 1-1/2" hole for lifting lines. Constructed out of 1/4" steel.

Capacity: 2000lb capacity per bracket



### Option #3: Heavy Duty Lifting Bracket

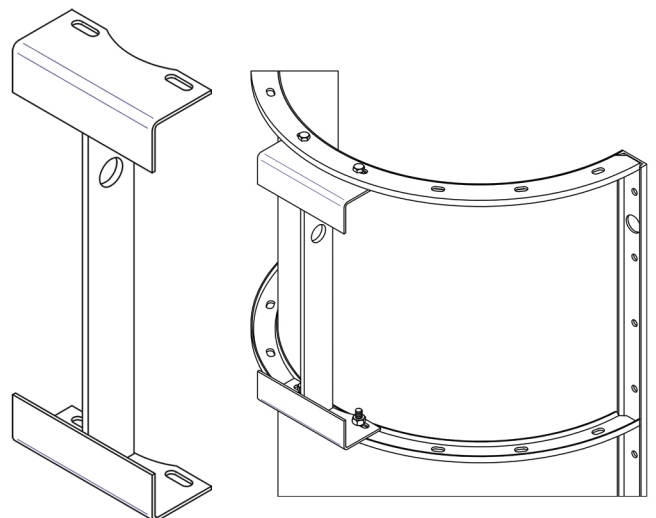
CAT#: HDS-HDLB - Sale

CAT#: HD-HDLB - Rental, Minimum 28 Days

\*Sold and rented in sets of 2.

The Deslauriers Heavy Duty Lifting Bracket bolts to the horizontal flange using standard assemble bolts. Heavy Duty Lifting Bracket allows column formwork to be lifted and moved either as single unit or as an assembled unit. Deslauriers recommends using lifting spreader bar for lifting of all column forms. Minimum of 2 required per column. 1 1/2" hole for lifting lines. Constructed out of 1/4" steel.

Capacity: 4000lb capacity per bracket



# FORMING MANUAL

## PIPE BRACE CONNECTORS

Although Deslauriers does not manufacture or distribute pipe braces, the following procedure should be followed.

Standard round column forms are typically complete units and require a minimum of external bracing to keep plumb.

Use of alignment hardware is determined by the jobsite conditions, engineering requirements, type of form, height of forms, etc. Many typical bracing requirements at short pour heights of 8 to 10 feet, can be accomplished by the use of 2x4's at 90 degrees to plumb, along with a template at base to position. Bracing should be secured to insure stability (typically) at slab area and extend toward top of form-usually a minimum of 2/3 of the form height.

On higher form heights, bracing can be required near the half way point on the form and again near the top. Higher form heights can present additional engineering problems, such as wind, soil conditions, etc. in such instances, pours should be engineered to take in to consideration the possible variables that could be encountered. The strength and load requirements should be determined and appropriate bracing hardware should be used.

*In all instances, contractors should follow guidelines established by OSHA, ANSI, ACI, and other appropriate agencies, and adhere to recommendations by the hardware/forming manufacturer.*

### Option #1: Pipe Brace Connector

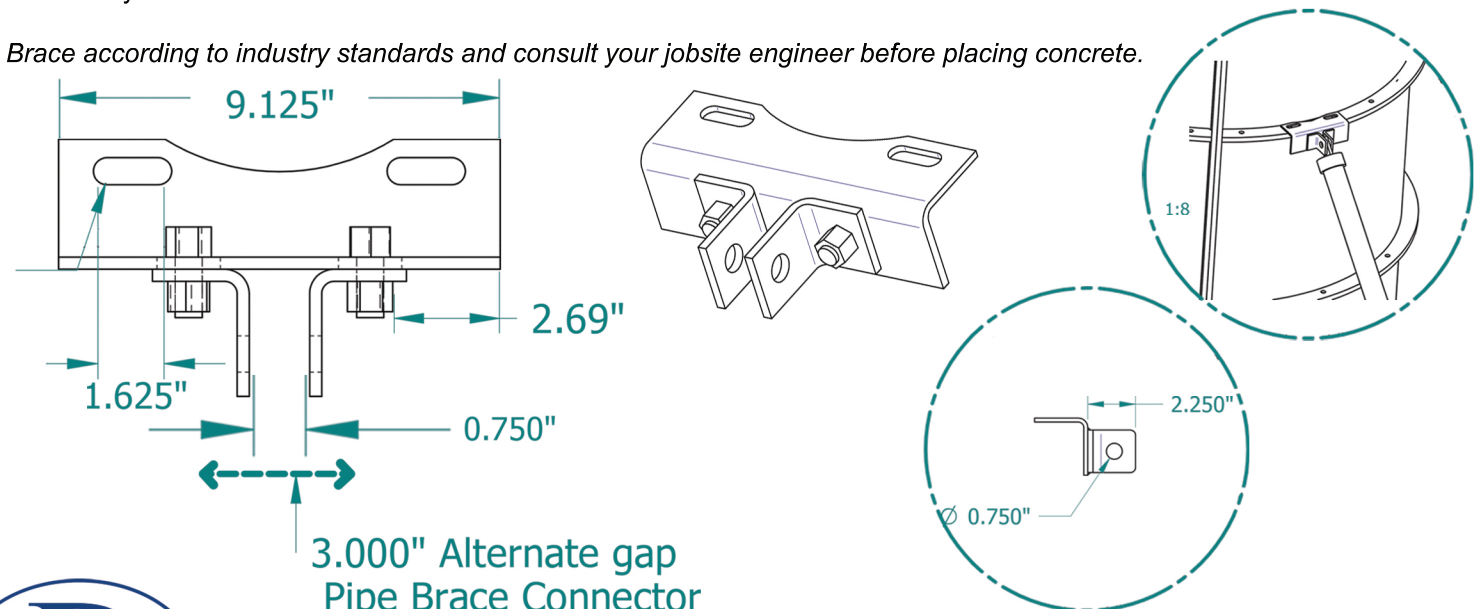
CAT#: HDS-PBC - Sale

CAT#: HD-PBC - Rental, Minimum 28 Days

Deslauriers' Pipe Brace Connector allows standard pipe braces to be used with Deslauriers' Round Column Forms. Now adjustable to accomodate all makes and models of pipe braces. Simply replace the form connector with the Pipe Brace Connector, and bolt to a horizontal flange on the column form. Installation of each bracket requires 1/2" dia. x 2" coil bolt and nut. Pipe and pipe brace connecting bolt provided by others.

Deslauriers recommends three pipe brace for plumbing and aligning of the forms. The number of braces needed may be affected by size or location of the column.

*Brace according to industry standards and consult your jobsite engineer before placing concrete.*





## FORMING MANUAL

### PIPE BRACE CONNECTORS

#### Option #2: Double Pipe Brace Connector

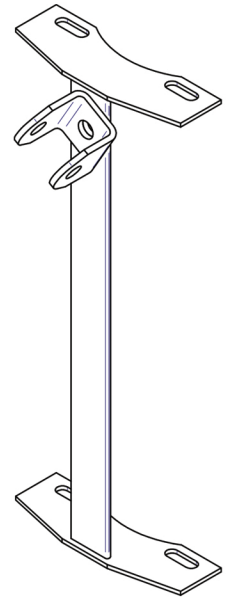
CAT#: HDS-PBC-D - Sale

CAT#: HD-PBC-D - Rental, Minimum 28 Days

Deslauriers' Double Pipe Brace Connector can be used to erect and plum column forms. Merely replace the form connector with the Deslauriers' Double Pipe Brace Connector, and bolt to a horizontal flange on the column form. Installation of each bracket requires two sets of 1/2" dia. x 2" coil bolt and nut. Pipe brace and pipe brace connecting bolt provided by others.

Deslauriers recommends three pipe brace for plumbing and aligning of the forms. The number of braces needed may be affected by size or location of the column.

*Brace according to industry standards and consult your jobsite engineer before placing concrete.*



### SCAFFOLD BRACKET

CAT#: HDS-SB - Sale

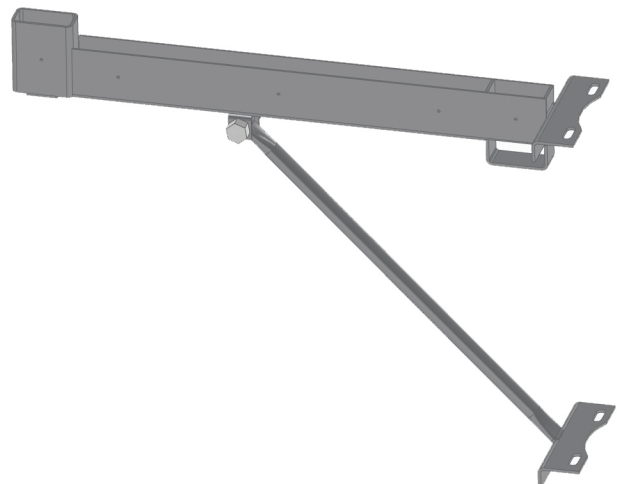
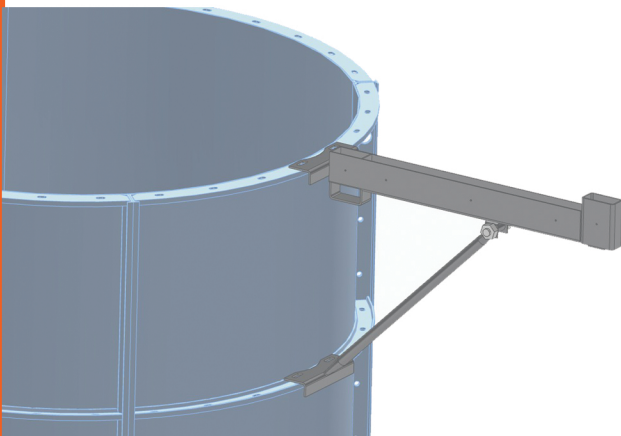
CAT#: HD-SB - Rental, Minimum 28 Days

The Deslauriers Scaffold Bracket is designed and manufactured to install onto Deslauriers Column Forms. This Scaffold Bracket provides the framework for 2x10 planks to make a comfortable working platform. The built-in guardrail receptacle makes it easy to install a safe and economical safety rail. Installation of each bracket requires four sets of 1/2" dia. x 2" coil bolt and nut.

Deslauriers round column scaffold brackets are longer (36" total length) than standard scaffold brackets (24" total length). This allows two 10" wide planks to be placed on all column forms regardless of the radius.

Deslauriers recommends four scaffold brackets for columns up to 48" diameter and six for columns larger than 48".

*Scaffold brackets should be located on forms according to industry standards and consult your jobsite engineer before placing concrete.*



## FORMING MANUAL

### STEEL COLUMN FORM ACCESSORIES

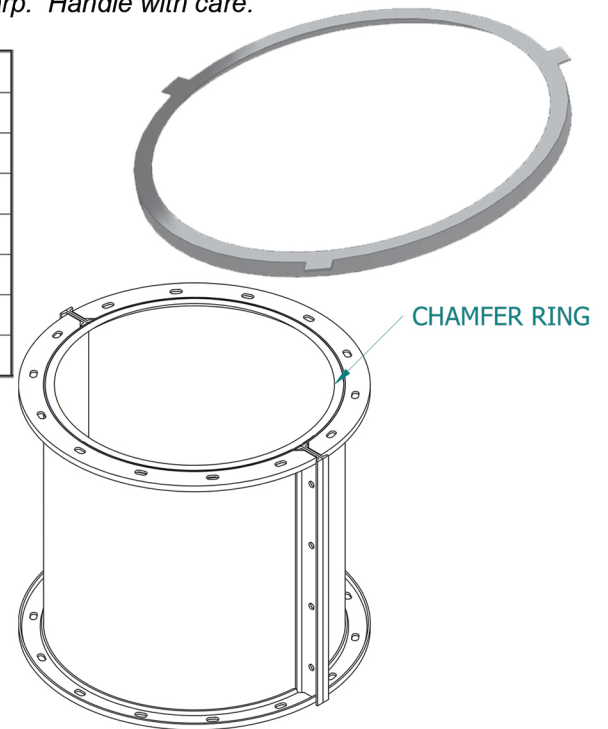
#### Steel Chamfer Ring

CAT#: (see chart below)

Forms perfect 3/4" or 1" chamfer every time. Eliminates chipping and breaking of top edge. Reusable. No special tools required. Available 18", 24", 30" diameters. Ask about custom sizes. Comes with tabs-the tabs rest on the upper ring of the form making it easy to install and remove! Smooth top to allow for troweling for a smooth, even finish.

*Disclaimer: Full rings will be normally oversize +1/8" to 1/4". This is designed to allow for any adjustments due to tube of form size. Full ring can be slightly oval +/- 1/8" as there is no such thing as perfectly round. Full ring when cut are susceptible to twisting and will spring open. Due to the nature of the material and shape full rings will not necessarily lay flat or fit exactly 90 degree to form. Due to rolling some edges may be sharp. Handle with care.*

CAT#:	SIZE:	DESCRIPTION:
CH18	18" DIA	3/4 X 3/4 FULL ROUND
CH18-T	18" DIA	3/4 X 3/4 FULL ROUND WITH SUPPORT TABS
CH20-T	20" DIA	3/4 X 3/4 FULL ROUND WITH SUPPORT TABS
CH24-T	24" DIA	3/4 X 3/4 FULL ROUND WITH SUPPORT TABS
CH24-1-T	24" DIA	1 X 1 FULL ROUND WITH SUPPORT TABS
CH30-T	30" DIA	3/4 X 3/4 FULL ROUND WITH SUPPORT TABS
CH30-1-T	30" DIA	1 X 1 FULL ROUND WITH SUPPORT TABS



#### Bullnose Adapters

CAT#: (scan the QR code for more info)

Deslauriers also offers bullnose adapters to adapt contractor supplied wall forms to Deslauriers Round Column Forms.



SCAN ME

**SCAN THE QR CODE**  
for more info on Bullnose Adapters.





# FORMING MANUAL

## USE & CARE

All of our concrete forms are shipped pre-oiled. After each pour and when forms are returned to Deslauriers they should be cleaned of excessive concrete and oiled with a suitable form release agent. Simply spray on the form release agent and make sure it is applied evenly on every surface. This will aid in the concrete releasing easily from inside the form as well as prevent rust on the forms. Do not grind forms, it will cause damage.

## RENTAL TERMS

Rental will begin on the date of shipment and end on date returned to our warehouse. Rentals are for a minimum 28 day period and will be prorated after the expiration of the minimum rental period. NO credit will be issued for amounts less than \$25.00. Rental items are to be maintained in good condition. Forms are to be returned cleaned, treated with form release, and ready to use. A charge will be made for all damage, cleaning and missing material:

- Missing 1/2" Coil Bolts and Nuts: \$60.00/C
- Cleaning:
  - Per square foot of form face: \$0.75 sq ft.
  - 1/4" diam. hole or smaller: \$10.00 ea.
  - 1/2" diam. hole or smaller: \$18.00 ea.
  - 1" diam. hole or smaller: \$40.00 ea.
  - Larger than 1" hole: Purchase, add one item setup charge of \$50.00 per diameter on sale.

Customer is responsible for transportation charges from our warehouse and return. Purchase option of rental equipment will be based on prevailing sale prices in effect, less 100% of the FIRST Month of actual rentals paid. Maximum allowance not to exceed 50% of prevailing sale price.

### ***Return Address is:***

Deslauriers, Inc.  
1601 Frontenac Road  
Naperville, IL 60563

## DISCLAIMER

The performance of a product can be greatly affected by the manner in which it is used. It is imperative that the user properly installs Deslauriers Products. Safety factors may be dependent on the application of a particular product. Job site conditions can often affect the safe use of a product. Concentrated loads, such as, unsymmetrical loading, uplift, impact, and lateral forces are examples of job site conditions that may affect the safe use of the product. Installation and use of Deslauriers products should be verified by jobsite engineer and follow guidelines established by OSHA, ANSI, ACI, and other appropriate agencies.





## FORMING MANUAL

### CUSTOM FORMS

Deslauriers offers full in house engineering, design, and fabrication services for your custom form needs. We have over 130 years in the round column and custom form manufacturing business. All of our custom forms are built in our facility to the exact standards that you have come to know and trust from our round column forms. What this means to you is less labor and better end product. It also means the forms will work the first time. No rework required. Please contact us and let our years of experience and expertise help meet your forming requirements to your exact specifications.

**SCAN THE QR CODE**  
*for more info on Custom Forms.*



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### PLASTIC ROUND COLUMN FORMS

Deslauriers has been producing Plastic Round Column Forms for over 35 years! Plastic Column Forms are light weight, cost effective, reusable, and stackable. To learn more about Deslauriers Plastic Column Forms scan the QR Code below.

**SCAN THE QR CODE**  
*for more info on Plastic Column Forms.*



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### SUBMIT YOUR JOBSITE PHOTOS!

Send us your jobsite photos featuring your Deslauriers product. We'd love to see you and our products in action. Email pictures to [ccozza@deslinc.com](mailto:ccozza@deslinc.com) and receive a FREE CamelBak® Water Bottle. Pictures may be used on our website and/or featured on our social media.



### CONTACT US

If you have any questions or need any help, don't hesitate to contact us!

We can be reached via email at [sales@deslinc.com](mailto:sales@deslinc.com) or give us a call at 800-743-4106.







## **FORMING MANUAL**

### **NOTES**





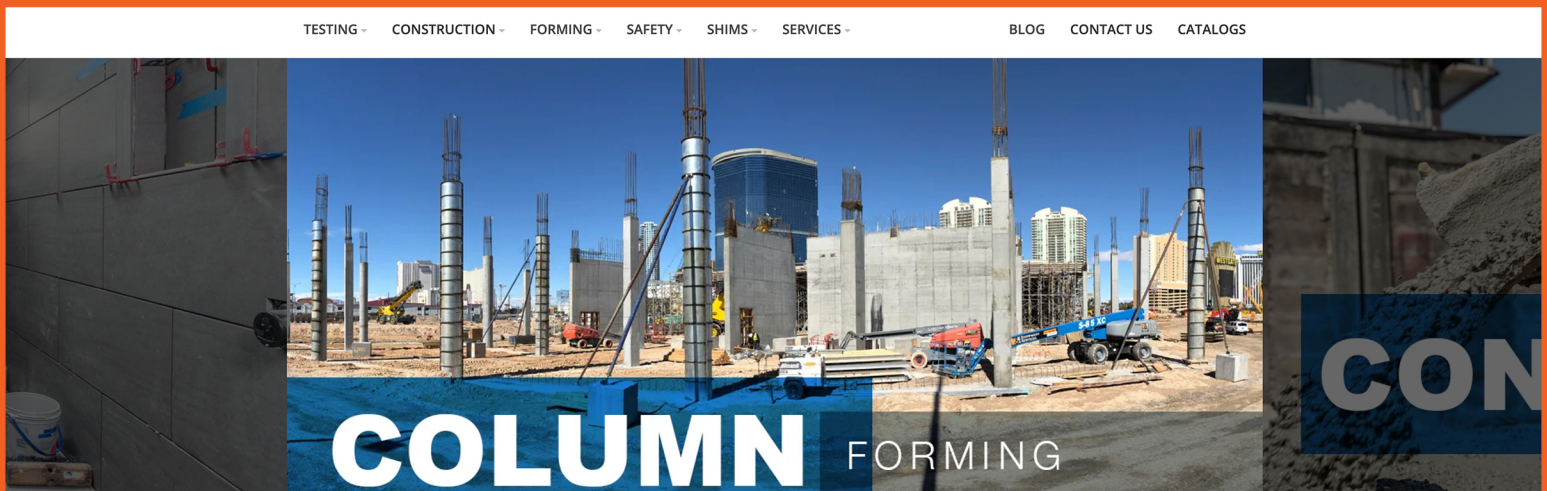
Established in 1888, Deslauriers is entering its 3rd century of providing quality products to the construction industry. Known for its leadership role in providing reliable concrete testing products, concrete forming products, construction safety products and construction shims.

Deslauriers also provides customizable services, such as: Waterjet Cutting, Injection Molding, Custom Concrete Forms and Specialized Metal Fabrication.

With locations in Illinois, Florida and Nevada, we strive to meet our customer's expectations while providing a quality and professional experience every time.



Visit our website at [www.deslinc.com](http://www.deslinc.com) for more information and pricing on our products. Conveniently place an order online from your computer, ipad, or phone!



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**PHONE:** 800.743.4106

**FAX:** 877.743.4106

**@DeslauriersInc**



**REV.03**