

Unistrut Buffalo Supports

a Division of Eberl Iron Works, Inc.
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Unistrut Buffalo Supports

UNISTRUT CURVED CHANNEL

Unistrut can provide our channel curved to your specifications. Curved channel is commonly used for trolley applications, or for mounting to curved roofs, ceilings, or walls. Below is a summary of our capabilities and limitations, and on the back is an order form to request a quote.

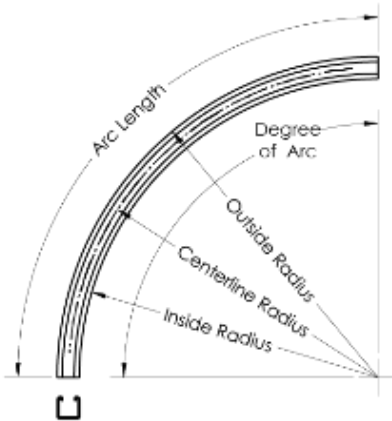
General Specifications:

- ✦ **Channel Options:** P1000 (others may be available upon request)
- ✦ **Pierced Channel:** Only solid channel, no piercings
- ✦ **Material and Finish Options:** Plain (PL), Pre-Galvanized (PG) & Unistrut Defender (DF)
- ✦ **Minimum Radius:** 3' (to avoid damage to the channel and for trolley applications)
- ✦ **Useable Lengths:** Up to 17' arc length per channel ○ 20' channel will result in 17' of useable curved channel. For lengths greater than 17', multiple curved sections are required. All curves must be field trimmed to achieve required arc length. Multiple sections must be field, or shop welded for arc lengths exceeding 17'.
- ✦ **Manufacturing Tolerance:** $\pm 1/16"$ ○ Each curve has a manufacturing tolerance of $\pm 1/16"$ in the offset (factory gage setting) from the center of a 4' chord. For multiple channels with the same required radius, each channel will vary within this tolerance. Therefore, no two sections will have the exact same final radius. The table below summarizes the curvature range for a given radius resulting from the manufacturing tolerance.

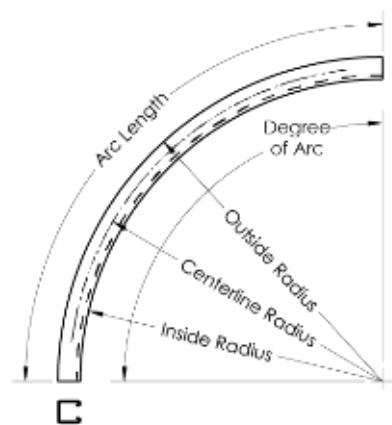
Required Radius		Approximate Final Radius	
Minimum		Maximum	
5'	4.9'	5.1'	
10'	9.7'	10.3'	
15'	14.4'	15.6'	
20'	19.0'	21.1'	
25'	23.4'	26.8'	
30'	27.8'	32.6'	
40'	36.2'	44.7'	
50'	44.2'	55.9'	

CURVED CHANNEL ORDER FORM

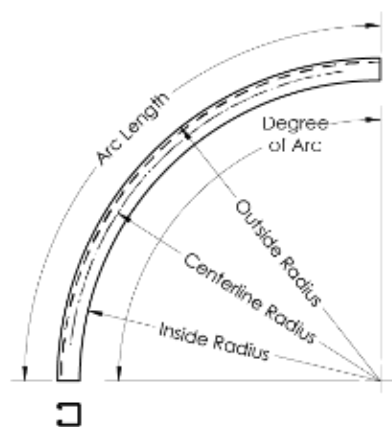
Slot to the Side



Slot In



Slot Out



Required Information:

1. Arc:

a. Arc Length: _____

or

b. Degree of Arc: _____

2. Slot Direction:

a. Slot to the side:

b. Slot In:

c. Slot Out:

3. Radius (3' minimum)

a. Inside: _____

b. Centerline: _____

c. Outside: _____

4. Channel Section (e.g. P1000): _____

5. Finish:

a. Plain (PL):

b. Pre-Galvanized (PG):

c. Unistrut Defender (DF):

6. Application (Optional):

a. Open space, no restriction:

b. Restrictions:

i. Curved wall:

ii. Curved ceiling:

iii. Vertical alignment:

iv. Boxed-in area:

v. Other: _____

Quantity Required: _____

Contact Information:

Name: _____ Phone Number: _____

Company: _____ Email Address: _____

Instructions:

Complete this form and return it to Unistrut Buffalo Supports: Sales@UnistrutStore.com