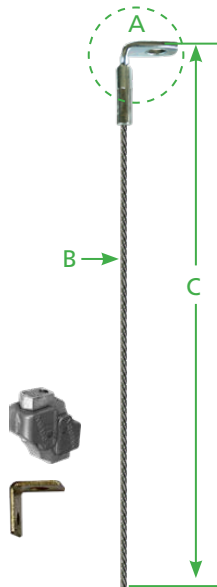


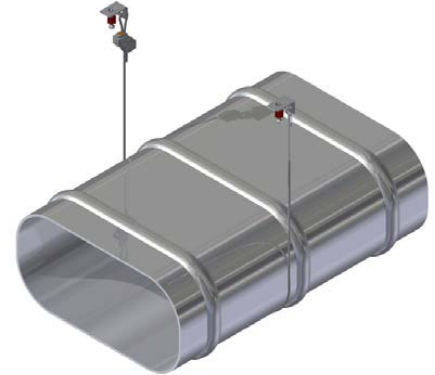
Fig. 802

**Wedgy Oval and Round Duct—"U" Supported**


- Provides support for Oval or Round Duct
- Quick installation and adjustment
- No tools required for adjustment
- Fasteners are selected and pre-staked for Concrete, Steel or Wood attachments
- Engineered as a COMPLETE ASSEMBLY!
- Assembly maximum capacities vary by substrate and embedment. Refer to the guidelines on the next page and tables below for useable loads
- SMACNA Testing and Research Institute verified
- Manufactured to ASTM A1023 and ASTM A931

**Assembly contains:**

- 1ea Cable arm with selected anchor
- 1ea Selected anchor without cable
- 1ea Wedgy



<b>Contractor:</b>		<b>Ship to Address:</b>	
<b>PO#</b>		<b>Order Date:</b>	
<b>**All Orders are Custom and Therefore Non-cancellable and Non-returnable</b>			

Cable Assembly Capacity	
1/16" Cable	75#
3/32" Cable	150#
1/8" Cable	300#

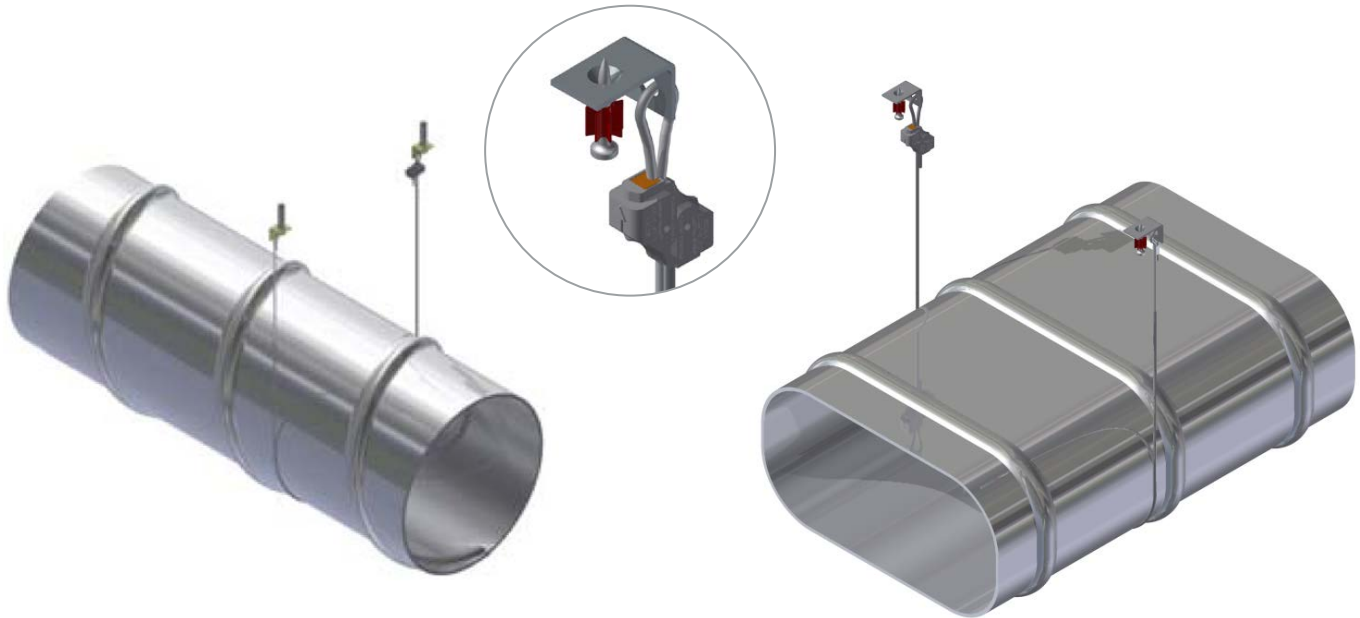
	A(6**)	B	C	Qty
Fig 802				
Fig 802				
Fig 802				

A						B		C
Attachment to Structure <sup>1</sup>						Cable Diameter		Cable Length
Concrete Connections	Fastener Capacity		Wood Connections	Fastener Capacity				
<b>600-1</b> Dewalt Pin & Clip (1-1/8" Embed.) <sup>2</sup>	120#		<b>640-1</b> Wood Eyelag - 1/4" x 3"	323#		<b>*01</b>	1/16" Cable	<b>*01</b> 3'
<b>600-2</b> Dewalt Pin & Clip (7/8" Embed.) <sup>2</sup>	55#		<b>640-2</b> Wood Eyelag - 1/4" x 4"	323#		<b>*02</b>	3/32" Cable	<b>*02</b> 6'
<b>600-3</b> Ramset Pin & Clip (1-1/8" Embed.) <sup>2</sup>	94#		<b>640-3</b> Wood Eyelag - 1/4" x 5"	323#		<b>*03</b>	1/8" Cable	<b>*03</b> 9'
<b>600-4</b> Ramset Pin & Clip (3/4" Emb.) <sup>2</sup>	59#		<b>641</b> Timberpin	100#				<b>*04</b> 12'
<b>601-1</b> 90° Clip and 1/4" x 1-7/8" Titen HD	107#		<b>Cast-in-Place Connections</b>	<b>Load</b>				<b>*05</b> 15'
<b>601-2</b> 90° Clip and 3/8" x 2-1/2" Titen HD	221#		Pigtail Loop - 20g Deck (No Fill)	133#				<b>*06</b> 18'
<b>602-1</b> 90° Clip and 1/4" x 2-1/4" Wedge Anchor	701#	<b>660</b>	Pigtail Loop - 20g Deck with LWC	300#				<b>*07</b> 21'
<b>602-2</b> 90° Clip and 3/8" x 3" Wedge Anchor	349#	<b>661</b>	Rebar Tie - 22g Deck (No Fill)	375#				<b>*08</b> 24'
<b>605</b> Tie Wire Wedge Anchor (1/4" Dia.)	330#		Rebar Tie - 22g Deck with LWC	375#				<b>*09</b> 27'
<b>606</b> Tie Wire Spike Anchor (1/4" Dia.)	270#		<b>665</b> 3/8 x 2-1/2" Stud (PIP Blue Banger)	400#				<b>*10</b> 30'
<b>Steel Connections</b>	<b>Load</b>		<b>667</b> 3/8 x 5" Stud (SDI Blue Banger)	400#				<b>*25</b> Custom
<b>620</b> Loop Connection	80#		<b>668</b> 3/8 x 2-1/2" Stud (PIP PushRod)	400#				
<b>621-1</b> Metal Eyelag - 1/4" x 3/4" (2" OAL) 20g	125#		<b>669</b> 3/8 x 5" Stud (SDI PushRod)	400#				
<b>621-2</b> Metal Eyelag - 1/4" x 2" (3-1/4" OAL) 20g	125#		<b>689</b> Swage Fit Toggle	360#				
<b>622</b> Bar Joist Pull-down Clamp	300#		<b>Angle Clip Only</b>	<b>Load</b>				
<b>623</b> Hammer-on Beam Clamp	200#		<b>682</b> 90° Bracket with 1/4" Anchor Hole	N/A				
<b>624-1</b> 90° Clip and #10 HWH Self Driller (20g)	62#		<b>683</b> 90° Bracket with 3/8" Anchor Hole	N/A				
<b>624-2</b> 90° Clip and #10 HWH Sharp Point (22g)	77#		<b>685</b> BX Battery-Actuated Tool Bracket <sup>3</sup>	110				
<b>628</b> Snaphook for 1/4" Hole	106#							

**FOOTNOTES:**

- 1) Attachment Capacities listed above are worst case. For values into specific substrate conditions refer to tables.
- 2) For projects in Design Category C Ip>1.0 and D, E & F Ip=all Power Actuated Fasteners are limited to 90#. (OSHPD Projects 70#).
- 3) Capacity is for BX Battery-Actuated Tool Bracket only. Fastener and design of fastener to structure by others.

## Wedgy Oval and Round Duct—"U" Supported Fig 802



### How to determine the Wedgy Complete Assembly Capacity

#### Step 1:

- Determine the capacity of the attachment to structure and multiply the capacity by 2.
- Determine the Cable Assembly Capacity.

Cable Assembly Capacity	
1/16" Cable	75#
3/32" Cable	150#
1/8" Cable	300#

#### Step 2:

The lessor of the 2 values is the Wedgy Complete Assembly Capacity

Example			Actual	
	Variable	Capacity	Variable	Capacity
Attachment to Structure	600-1 Pin and Clip	120#		
Cable Assembly Capacity	3/32" Cable	150#		
Wedgy Complete Assembly Capacity		120#	Wedgy Complete Assembly Capacity	

Refer to duct weights to determine support spacing requirements



CONSTRUCTION ENGINEERED ATTACHMENT SOLUTIONS

It's What We Do!