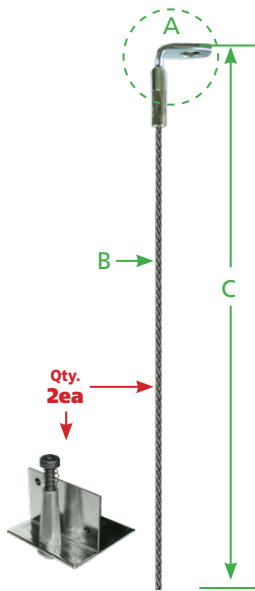


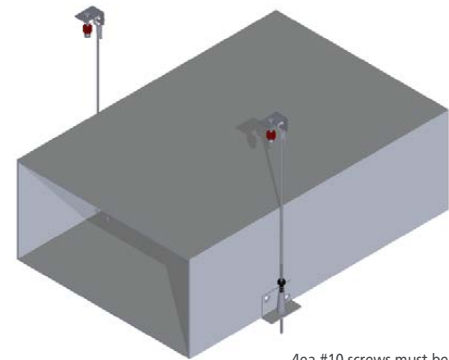
Fig. 820

**Rectangular Duct—DSCL Lower Attachment**


- Provides support for Rectangular Duct up to 60" wide per SMACNA
- 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:**

- 2ea Cable arms with selected anchors
- 2ea DSCL Clips



4ea #10 screws must be installed in each clip

<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	
3/32" Cable	165#
1/8" Cable	330# per set

Capacities are based on tests performed into a minimum of 24g duct.

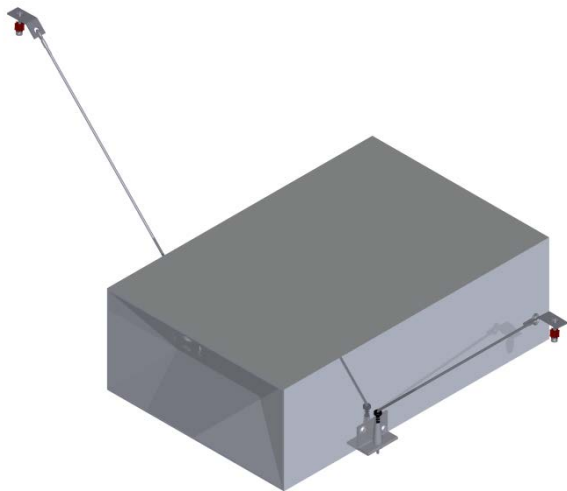
	A(6**)	B	C	Qty
Fig 820				
Fig 820				
Fig 820				

A						B		C	
Attachment to Structure¹						Cable Diameter		Cable Length	
	Concrete Connections	Fastner Capacity		Wood Connections	Fastner Capacity				
600-1	Dewalt Pin & Clip (1-1/8" Embed.)²	120#	640-1	Wood Eyelag - 1/4" x 3"	323#	*01	1/16" Cable	*01	3'
600-2	Dewalt Pin & Clip (7/8" Embed.)²	55#	640-2	Wood Eyelag - 1/4" x 4"	323#	*02	3/32" Cable	*02	6'
600-3	Ramset Pin & Clip (1-1/8" Embed.)²	94#	640-3	Wood Eyelag - 1/4" x 5"	323#	*03	1/8" Cable	*03	9'
600-4	Ramset Pin & Clip (3/4" Emb.)²	59#	641	Timberpin	100#			*04	12'
601-1	90° Clip and 1/4" x 1-7/8" Titen HD	107#	Cast-in-Place Connections		Load			*05	15'
601-2	90° Clip and 3/8" x 2-1/2" Titen HD	221#	660	Pigtail Loop - 20g Deck (No Fill)	133#			*06	18'
602-1	90° Clip and 1/4" x 2-1/4" Wedge Anchor	701#		Pigtail Loop - 20g Deck with LWC	300#			*07	21'
602-2	90° Clip and 3/8" x 3" Wedge Anchor	349#	661	Rebar Tie - 22g Deck (No Fill)	375#	*08	24'		
605	Tie Wire Wedge Anchor (1/4" Dia.)	330#		Rebar Tie - 22g Deck with LWC	375#	*09	27'		
606	Tie Wire Spike Anchor (1/4" Dia.)	270#	665	3/8 x 2-1/2" Stud (PIP Blue Banger)	400#	*10	30'		
	Steel Connections	Load	667	3/8 x 5" Stud (SDI Blue Banger)	400#	*25	Custom		
620	Loop Connection	80#	668	3/8 x 2-1/2" Stud (PIP PushRod)	400#				
621-1	Metal Eyelag - 1/4" x 3/4" (2" OAL) 20g	125#	669	3/8 x 5" Stud (SDI PushRod)	400#				
621-2	Metal Eyelag - 1/4" x 2" (3-1/4" OAL) 20g	125#	689	Swage Fit Toggle	360#				
622	Bar Joist Pull-down Clamp	300#	Angle Clip Only		Load				
623	Hammer-on Beam Clamp	200#	682	90° Bracket with 1/4" Anchor Hole	N/A				
624-1	90° Clip and #10 HWH Self Driller (20g)	62#	683	90° Bracket with 3/8" Anchor Hole	N/A				
624-2	90° Clip and #10 HWH Sharp Point (22g)	77#	685	BX Battery-Actuated Tool Bracket⁴	110				
628	Snaphook for 1/4" Hole	106#							

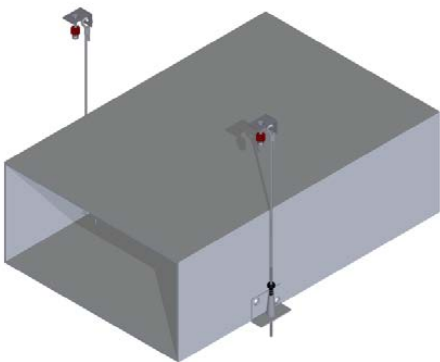
**FOOTNOTES:**

- 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#. (OSHDP Projects 70#).
- 3) Capacity is for BX Battery-Actuated Tool Bracket only. Fastener and design of fastener to structure by others.

Rectangular Duct—DSCL Lower Attachment  
Fig 820



OUTBOUND



VERTICAL

When cables are not attached vertical refer to page GN-1 for the appropriate reductions that must be taken for the attachment to Structure.

How to determine the Wedgy Complete Assembly Capacity

Step 1:

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

Cable Assembly Capacity	
3/32" Cable	165#
1/8" Cable	330# per set

Capacities are based on tests performed into a minimum of 24g duct.

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#	X 2 =		
Cable Assembly Capacity	3/32" Cable	165#	X 2 =		
Wedgy Complete Assembly Capacity				240#	

Refer to duct weights to determine support spacing requirements



CONSTRUCTION ENGINEERED ATTACHMENT SOLUTIONS  
It's What We Do!