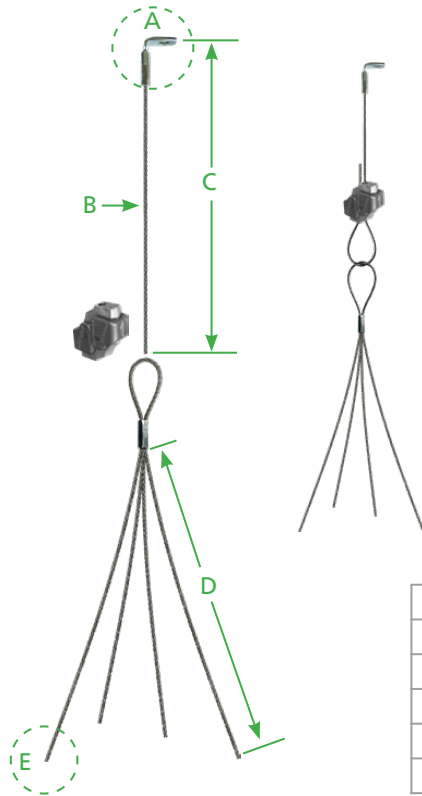


Fig. 753

**Wedgy****700**  
SERIES

Electrical/Low Voltage Cable Supports

**Drop In Ceiling Mounted Light Fixture Support**

- Provides support for Conduit or Cable Tray
- Quick installation and adjustment
- Wedgy arms are connected directly to the tray to eliminate the need for strut and hardware
- 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**
- Manufactured to ASTM A1023 and ASTM A931

**Assembly contains:**

- 1ea Cable assembly with selected anchor
- 1ea Wedgy
- 1ea Lower connections

<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	60#
3/32" Cable	140#
1/8" Cable	215#



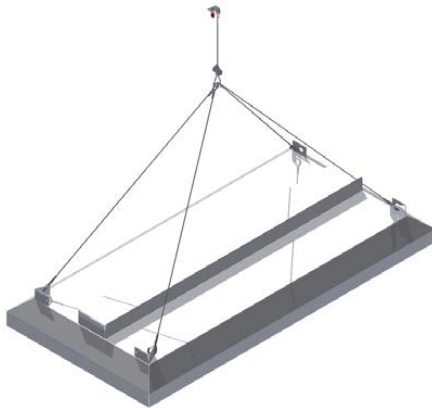
	A(6**)	B	C	D	E	Qty
Fig 753						
Fig 753						
Fig 753						

A						B		C		D		E	
Attachment to Structure¹						Cable Diameter		Cable Length		"Y" Length		"Y" Connection	
	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'	*01	6"	*01	Snap Hook
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'	*02	12"	*02	Wedgy
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'	*03	18"	*25	Other
600-4	Ramset Pin & Clip (3/4" Emb.)²	59#	641	Timberpin	100#			*04	12'	*04	24"		
601-1	90° Clip and 1/4" x 1-7/8" Titen HD	107#		Cast-in-Place Connections	Load			*05	15'	*05	30"		
601-2	90° Clip and 3/8" x 2-1/2" Titen HD	221#	660	Pigtail Loop - 20g Deck (No Fill)	133#			*06	18'	*06	36"		
602-1	90° Clip and 1/4" x 2-1/4" Wedge Anchor	701#		Pigtail Loop - 20g Deck with LWC	300#			*07	21'	*25	Custom		
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.

# Drop In Ceiling Mounted Light Fixture Support Fig 753



## How to determine the Wedgy Complete Assembly Capacity

### Step 1:

- A) Determine the capacity of the attachment to structure.
- B) Determine the Cable Assembly Capacity.

Cable Assembly Capacity	
1/16" Cable	60#
3/32" Cable	140#
1/8" Cable	215#

### 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	140#		
Wedgy Complete Assembly Capacity		120#	Wedgy Complete Assembly Capacity	



CONSTRUCTION ENGINEERED ATTACHMENT SOLUTIONS

It's What We Do!