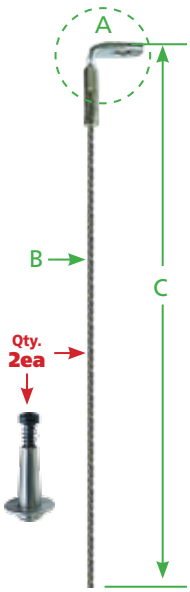
Fig. 930

Single Wedgy Arms for Strut Trapeze



- Provides support for Pipe
- Wedgy arms are designed for punched or slotted strut
- Quick installation and 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
- Manufactured to ASTM A1023 and ASTM A931

Assembly contains:
- 2ea Cable assemblies with selected anchors
- 2ea Single Wedgys

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

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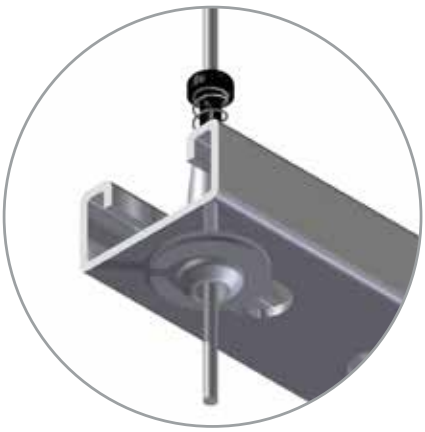
Cable Assembly Capacity[1]	
3/32" Cable	126#
1/8" Cable	223#

	A(6**)	B	C	Qty
Fig 930				
Fig 930				
Fig 930				

A						B		C	
Attachment to Structure[2]						Cable Diameter		Cable Length	
	Concrete Connections	Anchor Capacity		Wood Connections	Anchor Capacity				
600-1	Powers Pin & Clip (1-1/8" Embed.)[3]	73#	640-1	Wood Eyelag - 1/4" x 3"	208#	*01	1/16" Cable	*01	3'
600-2	Powers Pin & Clip (7/8" Embed.)[3]	42#	640-2	Wood Eyelag - 1/4" x 4"	208#	*02	3/32" Cable	*02	6'
600-3	Ramset Pin & Clip (1-1/8" Embed.)[3]	72#	640-3	Wood Eyelag - 1/4" x 5"	208#	*03	1/8" Cable	*03	9'
600-4	Ramset Pin & Clip (3/4" Emb. NWC ONLY)[3]	119#	641	Timberpin	77#			*04	12'
601-1	90° Clip and 1/4" (5/16") x 2" Tapcon	84#		**Cast-in-Place Connections**	**Load**			*05	15'
601-2	90° Clip and 3/8" x 3" Tapcon	165#	660	Pigtail Loop - 20g Deck (No Fill)	102#			*06	18'
602-1	90° Clip and 1/4" x 3-1/4" Wedge Anchor	314#		Pigtail Loop - 20g Deck with LWC	231#			*07	21'
602-2	90° Clip and 3/8" x 3" Wedge Anchor	200#	661	Rebar Tie - 22g Deck (No Fill)	154#			*08	24'
605	Tie Wire Wedge Anchor (1/4" Dia.)	77#		Rebar Tie - 22g Deck with LWC	314#			*09	27'
606	Tie Wire Spike Anchor (1/4" Dia.)	53#	665	3/8 x 2-1/2" Stud (PIP Blue Banger)	314#			*10	30'
	Steel Connections	**Load**	667	3/8 x 5" Stud (SDI Blue Banger)	314#			*25	Custom
620	Loop Connection	112#	668	3/8 x 2-1/2" Stud (PIP PushRod)	314#				
621-1	Metal Eyelag - 1/4" x 3/4" (2" OAL) 20g	96#	669	3/8 x 5" Stud (SDI PushRod)	314#				
621-2	Metal Eyelag - 1/4" x 2" (3-1/4" OAL) 20g	96#		**Angle Clip Only**	**Load**				
622	Bar Joist Pull-down Clamp	231#	682	90° Bracket with 1/4" Anchor Hole	N/A				
623	Hammer-on Beam Clamp	154#	683	90° Bracket with 3/8" Anchor Hole	N/A				
624-1	90° Clip and #10 HWH Self Driller (20g)	80#							
624-2	90° Clip and #10 HWH Sharp Point (22g)	35#							
628	Snaphook for 1/4" Hole	77#							

FOOTNOTES:
1) Ultimate capacities have been reduced to take into consideration eccentric loads on the trapeze
2) Attachment Capacities listed above are worst case. For values into specific substrate conditions refer to tables on Pages 10-15)
3) 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#)

Single Wedgy Arms for Strut Trapeze
Fig 930



How to determine the Wedgy Complete Assembly Capacity[1]

Step 1:

A) Determine the capacity of the attachment to structure and multiply the capacity by 2. (Listed in column A or on Pages 10-15)

B) Determine the Cable Assembly Capacity and multiply the capacity by 2. →

Cable Assembly Capacity[2]	
3/32" Cable	126#
1/8" Cable	223#

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	73#	X 2 =	146#			X 2 =	
Cable Assembly Capacity	3/32" Cable	126#	X 2 =	252#			X 2 =	
	Wedgy Complete Assembly Capacity			146#	**Wedgy Complete Assembly Capacity**			

FOOTNOTES:
1) Capacties shown are for the cable assembly and attachment to structure only. The trapeze is not taken into consideration.
2) Capacities are reduced to account for the potential of eccentric loading on trapezes

Refer to page 174 for pipe weights to determine support spacing requirements