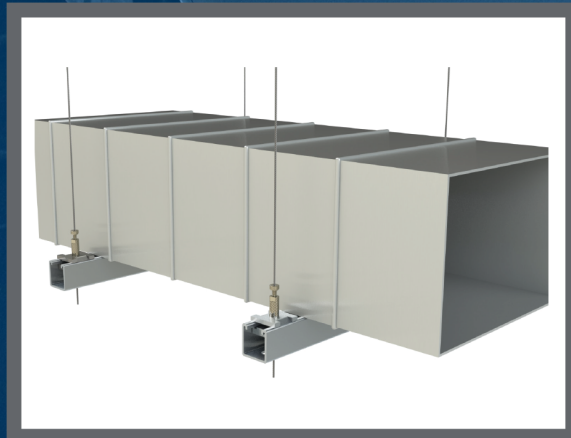
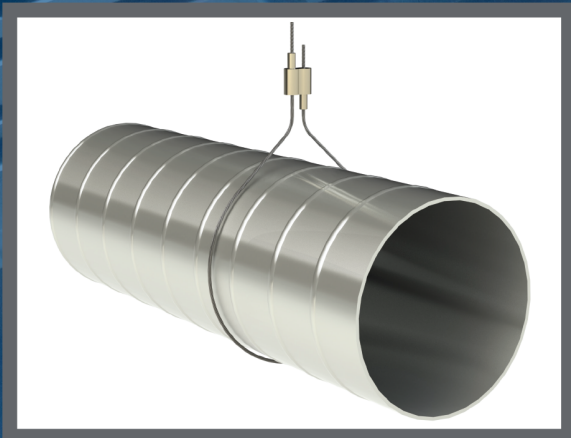


ALLFASTENERS [®] **A**

CABLE LOCK SYSTEMS

FOR ALL THINGS FASTENING.



Customer Support
Open 7am, M-F



888 859 6060



6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

In open-plan work and living spaces the 6CL Cable Lock System is a clean, contemporary, and unobtrusive HVAC suspension system. Ease of installation and the ability to level ducting in seconds, makes this the best choice for installers.

6CL CABLE LOCK SYSTEM

The cable lock is a fully adjustable cable suspension device for use with 7x7 and 7x19 aircraft cable only. It automatically locks anywhere on the cable and can be moved up or down at the touch of a button. As shown in the drawings, the three ball bearings sit in three of the six grooves on the circumference of the cable so the pressure on the cable is evenly distributed.

As a result, the cable lock holds about 60% of the published break strength of the cable. we recommends a 5:1 working load limit (WLL) based upon that 60%. This makes the cable lock the fastest, strongest and simplest way for suspension. During the last 30+ years, the aircraft cable / cable lock combination has become the preferred suspension system by manufacturers and installers worldwide.

Designed to Lock

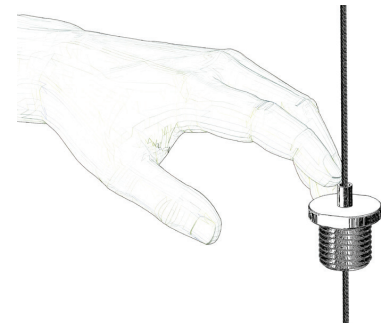
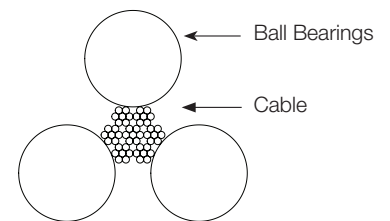
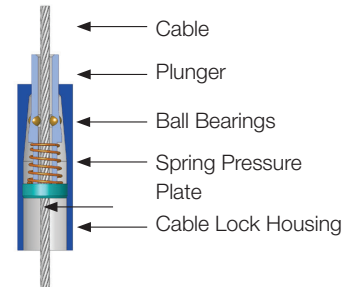
The cable locks sophisticated in design & simple to use:

- Insert the cable through the plunger into the cable lock mechanism. Slide the cable lock to the desired position.
- To re-adjust, depress the plunger with your fingertip and move the cable lock to a new position. Release the plunger to lock.
- The 3- or 6-ball gripping mechanism is spring-loaded and allows the cable lock to **move freely UP** the cable. The cable lock **cannot move DOWN** the cable unless the plunger is depressed.
- An optional safety nut or safety cap can be added to completely lock the mechanism in both directions.

Quality & Safety

Safety is the highest priority with eh 6CL Cable Lock System. Improper installation and/or the wrong choice of components can have devastating consequences.

The product range's quality control system is modeled after ISO 9001. Prior to assembly, all individual components are tested randomly to meet quality control standards. These products are the safest, strongest, simplest and most versatile system of its kind on the market today, offering thousands of precision-made parts to fit almost every conceivable application.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

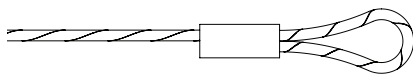
END FITTINGS

HVAC cable suspension kits are supplied with your choice of end fitting crimped on a medium-to-high tensile strength galvanized aircraft cable, cut to your desired length. Standard stock cable diameters are 1/16", 5/64", 3/32", and 1/8" and are available in lengths of 5', 10', 15', 20', and 30'

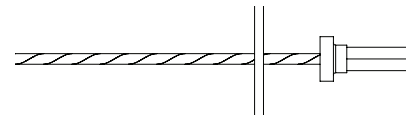


Swaged Loop

For looping around purlins, beams, roof trusses and other suitable building features.

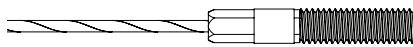


For inserting into pre-drilled holes of metal decking and other structures.

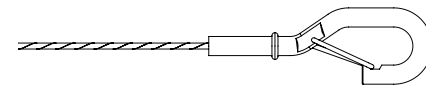


Threaded Stud

For anchoring into concrete ceilings and channel nuts. Available in two sizes: 1/4-20 and 3/8-16.

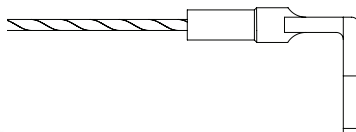


Quick and easy attachment to cable basket, purlin clips and other fittings.

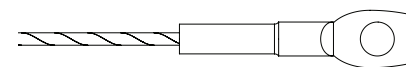


90° Eyelet

Screws directly into wood structures. Available in two sizes: 1/4" or 3/8" hole

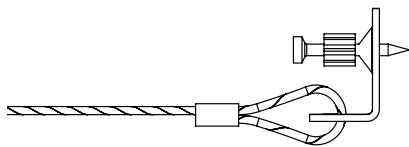


Attached to i-beams, structure or T-bar. Available in two sizes: 1/4" or 3/8" hole.

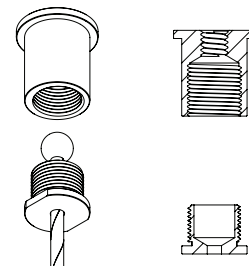


Powder Actuated

Quickly and easily attaches to concrete, steel or composite metal decking. Complete with pre-assembled drive pin and bracket.

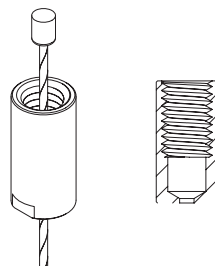


2-part non-adjustable cable coupler. Screws directly into wood structures.



Cable Coupler

Attached to i-beams, structure or T-bar. Available in two sizes: 1/4-20 or 3/8-16 internal thread.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

CREATE YOUR SLING PART NUMBER

1. Choose Your Cable Diameter

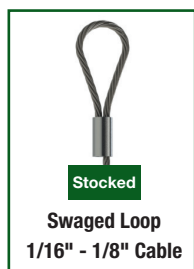


6CL150



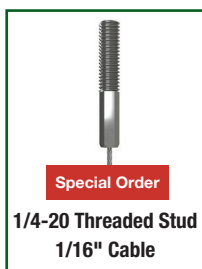
6CL250

2. Choose Your End Fitting



Stocked
Swaged Loop
1/16" - 1/8" Cable

L



Special Order
1/4-20 Threaded Stud
1/16" Cable

14S



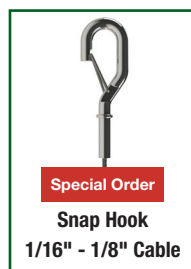
Stocked
3/8-16 Threaded Stud
5/64" - 1/8" Cable

38S



Stocked
Toggle
1/16" - 1/8" Cable

T



Special Order
Snap Hook
1/16" - 1/8" Cable

H



Special Order
2-Part Coupler
1/16" - 1/8" Cable

C



Stocked
Powder Actuated
1/16" - 1/8" Cable

P



Special Order
1/4-20 Threaded Coupler
1/16" - 3/32" Cable

14I



Special Order
3/8-16 Threaded Coupler
1/16" - 1/8" Cable

38I



Stocked
3/8" 90° Eyelet
5/64" - 1/8" Cable

NE



Stocked
3/8" Straight Eyelet
5/64" - 1/8" Cable

E

3. Choose Your Cable Length



5FT



10FT



15FT



20FT



30FT

4. Create Your Sling Part Number - Ex: 6CL150-L-10FT

6	C	L				-				-			F	T
---	---	---	--	--	--	---	--	--	--	---	--	--	---	---





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

CREATE YOUR LOCK PART NUMBER

1. Choose Your Duct Attachment



6CL150



6CL250



6DL150



6DL250



6SL150



6SL250



6SLU150



6SLU250

2. Create Your Lock Part Number - Ex: 6CL150

6						
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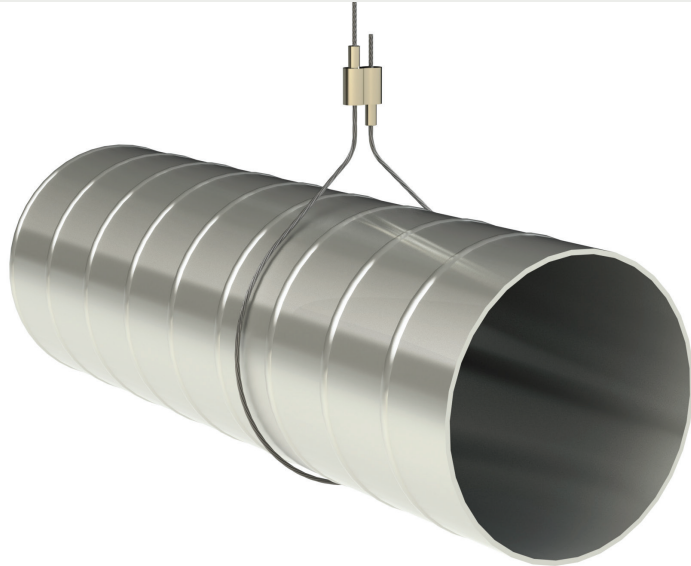




6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

STANDARD CABLE LOCK



Use:

Recommended for suspending HVAC, lighting, electrical and mechanical indoor static loads or from structure.

Material Specification:

Housing & Plungers: Nickel Plated Brass

Springs: Steel

Ball Bearings: Brass

Wire Rope:

Galvanized steel 1/16" - 3/32" 7x7. 1/8" 7x19.

Note:

Allfasteners cannot guarantee working loads with cable that has not been supplied by Allfasteners.



1. Insert cable into looping cable lock



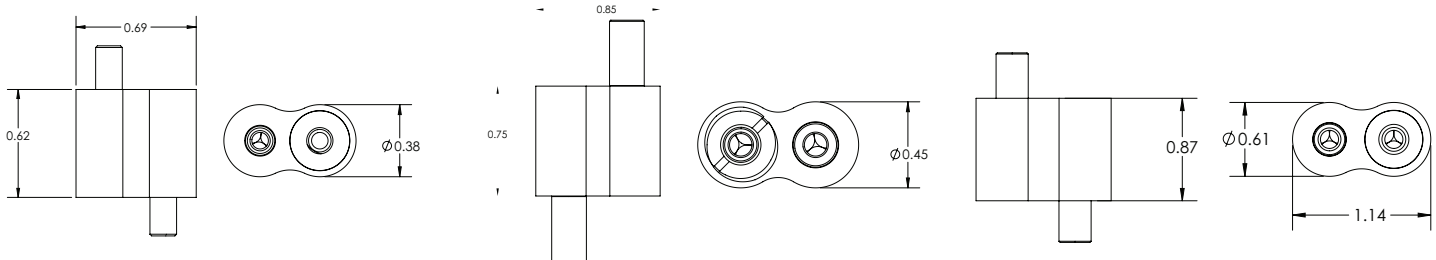
2. Pass cable through or around anchor point



3. Insert cable back into looping cable lock. Cable must exit looping cable lock minimum 1 inch.

Working Load Limit (WLL) 5:1 Safety Factor	1/16"	5/64"	3/32"	1/8"
	75 lbs.	100 lbs.	150 lbs.	250 lbs.

Minimum 2" cable to exit bottom of gripper when done. Remove load before adjusting.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

DUCT LOCK

Use:

Recommended for suspending rectangular HVAC indoor duct. Use with #10 self-tapping screws (not included).

Material Specification:

Housing & Plungers: Nickel Plated Brass

Springs: Steel

Ball Bearings: Brass

Mounting Bracket: Zinc Plated Steel

Rubber Pads: Neoprene

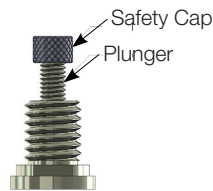
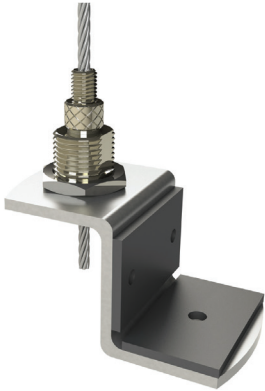
Wire Rope:

Galvanized steel 5/64" - 3/32" 7x7. 1/8" 7x19.

Note:

Allfasteners cannot guarantee working loads with cable that has not been supplied by Allfasteners.

- Boot connects directly to rectangular duct
- Pre-attached rubber pads reduce vibration
- Bottom cable exit



1. Loosen safety cap to flush with top of the plunger.



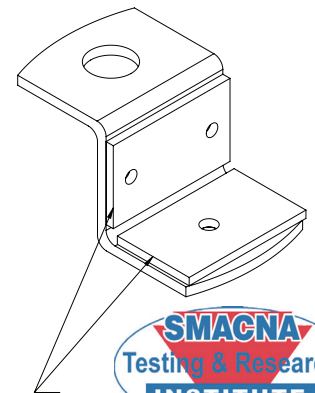
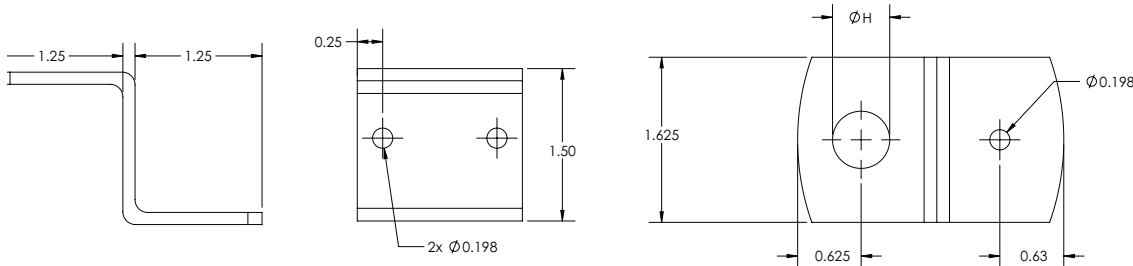
2. Depress plunger & safety cap. Feed cable through gripper.



3. Set gripper to desired height & tighten safety nut.

Working Load Limit (WLL) 5:1 Safety Factor	5/64"	3/32"	1/8"
	75 lbs.	100 lbs.	200 lbs.

Minimum 2" cable to exit bottom of gripper when done. Remove load before adjusting.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

STRUT LOCK (DOWNWARD FACING)

Use:

Recommended for suspending HVAC, lighting, electrical and mechanical indoor with strut.

Material Specification:

Housing & Plungers: Nickel Plated Brass

Springs: Steel

Ball Bearings: Brass

Thread Sizes: 1/2-13 UNC

Thread Sizes: 3/8-18 NPSM (IPS Straight Pipe Thread)

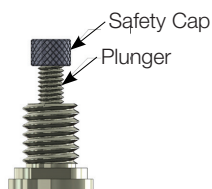
Wire Rope:

Galvanized steel 5/64" - 3/32" 7x7. 1/8" 7x19.

Note:

Allfasteners cannot guarantee working loads with cable that has not been supplied by Allfasteners.

- For attaching to downward facing strut
- Ability to connect multiple grippers to multiple ducts with a single cable
- Bottom cable exit



1. Loosen safety cap to flush with top of the plunger.



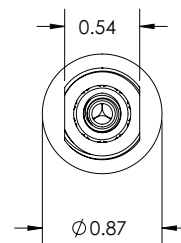
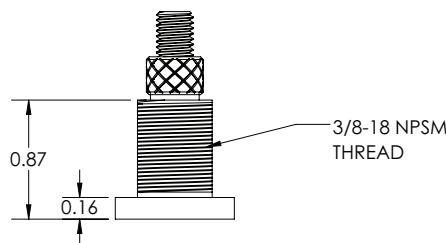
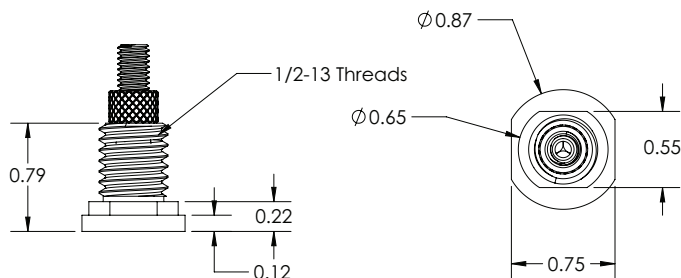
2. Depress plunger & safety cap. Feed cable through gripper.



3. Set gripper to desired height & tighten safety nut.

Working Load Limit (WLL) 5:1 Safety Factor	5/64"	3/32"	1/8"
	75 lbs.	100 lbs.	200 lbs.

Minimum 2" cable to exit bottom of gripper when done. Remove load before adjusting.



6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION



CONDUIT & RACEWAY





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

STRUT LOCK (UPWARD FACING)

Use:

For suspending HVAC, lighting, electrical and mechanical indoor with strut. May also be used with clevis/loop hangers.

Material Specification:

Housing, Plungers & Threaded Studs: Nickel Plated Brass

Springs: Steel

Ball Bearings: Brass

Thread Sizes: 3/8-16 UNC

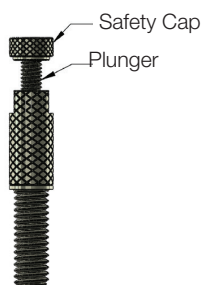
Wire Rope:

Galvanized steel 5/64" - 3/32" 7x7. 1/8" 7x19.

Note:

Allfasteners cannot guarantee working loads with cable that has not been supplied by Allfasteners.

- For attaching to upward facing strut
- Ability to connect multiple grippers to multiple ducts with a single cable
- Bottom cable exit
- Channel nuts required



1. Loosen safety cap to flush with top of the plunger.



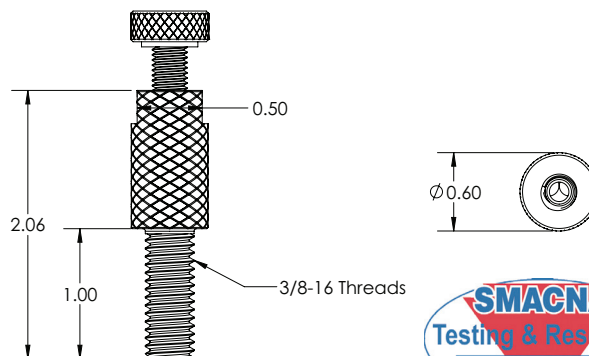
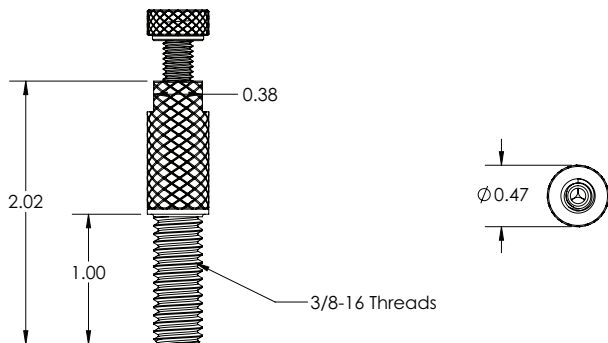
2. Depress plunger & safety cap. Feed cable through gripper.



3. Set gripper to desired height & tighten safety nut.

Working Load Limit (WLL) 5:1 Safety Factor	5/64"	3/32"	1/8"
	75 lbs.	100 lbs.	200 lbs.

Minimum 2" cable to exit bottom of gripper when done. Remove load before adjusting.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

INSTRUCTION FOR USE

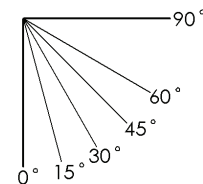
The information is not applicable to any other cable gripping product. Weight load guidelines and other specifications are for illustration purposes only. They should not be construed as a warranty that the product or system will conform. Each purchaser is solely responsible for determining (1) that the product and/or system is suitable for the intended application and (2) that the product and/or system complies with all federal, state and local safety and trade laws and regulations. End-users are cautioned that the integrity of the structures to which these components are attached and the fasteners used to attach them are critical to the integrity of the overall system and should therefore be evaluated by a qualified engineer or installer.

- Use only 7x7 or 7x19 uncoated galvanized or stainless steel aircraft cable.
- When feeding cable through a cable lock always allow cable to pass 1" beyond the cable lock mechanism. When cutting excess cable always leave 1/2" of cable showing. Cable should be cut using purpose-built cutters as shown to the right.
- Cable will not fray when cut unless passed repeatedly through the cable lock mechanism or otherwise over-worked. In this case trim the cable and apply a drop of super-glue.
- DO NOT ATTEMPT TO RUN AN ELECTRICAL CURRENT THROUGH THESE CABLES. Use a separate power cord.
- Adhere strictly to the Weight Load Guidelines. Use only cable lock / cable combinations for which a static working load limit (WLL) has been specified, e.g. 1/16" cable with a Type 15 cable lock.
- The cable lock system is generally not recommended for permanent outdoor installations. It should not be exposed to wind or water or allowed to oscillate continuously. Avoid using in chemical-laden environments such as indoor swimming pools (for more information on these applications please call our office).



Angled Applications

- Cables should not enter or exit cable locks at more than a 5° angle (see illustration at right).
- A pendant load exerts greater force on angled / non-vertical cables than it would on vertical cables.
- To determine the working load limit on an angled cable supporting a load, take the working load limit for the cable lock / cable combination and multiply it by the factor from the chart below. For example, for a 1/16" galvanized cable with type 25 Premium cable lock at a 45° angle, take the 50 lbs safe working load and multiply it by 0.70 from below: 50 lbs x 0.70 = 35 lbs. So 35 lbs will be the safe working load for each suspension at a 45° angle instead of 50 lbs for a vertical suspension.
- Angles beyond 60° are not recommended.



5° max deviation from center line

Angle From Vert	0°	15°	30°	45°	60°
Factor	1	0.96	0.86	0.70	0.50





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

WEIGHTLOAD GUIDELINES

STATIC WORKING LOAD LIMITS (WLL) FOR HVAC CABLE LOCKS							
Safe Working Loads Are 20% of The Minimum Break Strength of The Cable Lock Suspension							
Cable Diameter		Cable Lock Type					
in	mm	Type 15 - 3-Ball	Type 25 - 3-Ball	Type 30 - 3-Ball	1/16" Cable - Looping	5/64" - 3/32" Cable - Looping	1/8" Cable - Looping
Safe Working Load in Pounds - 7x7 or 7x19 Galvanized Cable							
1/16"	1.6mm	50 lbs.			75 lbs.		
5/64"	2.0mm		75 lbs.			100 lbs.	
3/32"	2.5mm		100 lbs.			150 lbs.	
1/8"	3.2mm			200 lbs.			250 lbs.

- The 5:1 WLL reflects the cable industry standard. Where no WLL is shown, cable locks and cables are not compatible.
- Chart indicates the WLL for cable lock / cable combinations when used with 7x7 or 7x19 steel core uncoated galvanized aircraft cable. Do not use plastic coated cable.

ACCESSORIES



HVAC Clip For Use With Duct Lock



Cable Cutters For 1/32" - 1/8"



0.25" OD, 0.04" Wall, Clear Plastic Tubing

ORDERING INFORMATION

Standard Cable Locks

Part #	Description	📦	\$ / PC		
			1+	50+	250+
6CL150	3/32" 160lb. Rated Standard Cable Locks	1	\$2.50	\$2.30	\$2.10
6CL250	1/8" 250lb. Rated Standard Cable Locks	1	\$5.10	\$4.60	\$4.25

Duct Locks

Part #	Description	📦	\$ / PC		
			1+	50+	250+
6DL150	3/32" 100lb. Rated Duct Locks	1	\$4.10	\$3.75	\$3.45
6DL250	1/8" 200lb. Rated Duct Locks	1	\$6.05	\$5.50	\$5.05





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION


ORDERING INFORMATION

Strut Locks (Downward Facing)

Part #	Description		\$/ PC		
			1+	50+	250+
6SL150	3/32" 100lb. Rated Strut Locks	1	\$3.65	\$3.30	\$3.05




Cable Spools

Part #	Description		\$/ PC		
			1+	3+	5+
6CL150-500	3/32" 150lb. Rated Standard Cable Spool - 500ft	1	\$84.60	\$76.90	\$70.50
6CL250-500	1/8" 250lb. Rated Standard Cable Spool - 500ft	1	\$113.20	\$102.9	\$94.35




Looped Cables - 150lb. Rated

Part #	Description		\$/ PC		
			1+	50+	250+
6CL150-L-5FT	3/32" 150lb. Rated x 5ft Looped Cables	1	\$3.00	\$2.75	\$2.50
6CL150-L-10FT	3/32" 150lb. Rated x 10ft Looped Cables	1	\$4.15	\$3.75	\$3.45
6CL150-L-15FT	3/32" 150lb. Rated x 15ft Looped Cables	1	\$5.30	\$4.80	\$4.40
6CL150-L-20FT	3/32" 150lb. Rated x 20ft Looped Cables	1	\$6.45	\$5.85	\$5.35
6CL150-L-30FT	3/32" 150lb. Rated x 30ft Looped Cables	1	\$8.70	\$7.90	\$7.25



Looped Cables - 250lb. Rated

Part #	Description		\$/ PC		
			1+	50+	250+
6CL250-L-5FT	1/8" 250lb. Rated x 5ft Looped Cables	1	\$3.70	\$3.40	\$3.10
6CL250-L-10FT	1/8" 250lb. Rated x 10ft Looped Cables	1	\$5.35	\$4.85	\$4.45
6CL250-L-15FT	1/8" 250lb. Rated x 15ft Looped Cables	1	\$7.00	\$6.35	\$5.85
6CL250-L-20FT	1/8" 250lb. Rated x 20ft Looped Cables	1	\$8.65	\$7.85	\$7.20
6CL250-L-30FT	1/8" 250lb. Rated x 30ft Looped Cables	1	\$11.90	\$10.85	\$9.95






6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION


ORDERING INFORMATION

Stud Cables - 150lb. Rated

Part #	Description	Stud Cables		\$ / PC		
				1+	50+	250+
6CL150-38S-5FT	3/32" 150lb. Rated x 5ft	3/8-16 Stud Cables	1	\$4.30	\$3.90	\$3.60
6CL150-38S-10FT	3/32" 150lb. Rated x 10ft	3/8-16 Stud Cables	1	\$5.35	\$4.85	\$4.45
6CL150-38S-15FT	3/32" 150lb. Rated x 15ft	3/8-16 Stud Cables	1	\$6.40	\$5.80	\$5.35
6CL150-38S-20FT	3/32" 150lb. Rated x 20ft	3/8-16 Stud Cables	1	\$7.45	\$6.80	\$6.20
6CL150-38S-30FT	3/32" 150lb. Rated x 30ft	3/8-16 Stud Cables	1	\$9.55	\$8.65	\$7.95




Straight Eyelets Cables - 150lb. Rated

Part #	Description	Eyelet Cables		\$ / PC		
				1+	50+	250+
6CL150-E-5FT	3/32" 150lb. Rated x 5ft	Straight 3/8" Eyelet Cables	1	\$4.65	\$4.25	\$3.90
6CL150-E-10FT	3/32" 150lb. Rated x 10ft	Straight 3/8" Eyelet Cables	1	\$5.70	\$5.20	\$4.75
6CL150-E-15FT	3/32" 150lb. Rated x 15ft	Straight 3/8" Eyelet Cables	1	\$6.75	\$6.15	\$5.65
6CL150-E-20FT	3/32" 150lb. Rated x 20ft	Straight 3/8" Eyelet Cables	1	\$7.80	\$7.10	\$6.50
6CL150-E-30FT	3/32" 150lb. Rated x 30ft	Straight 3/8" Eyelet Cables	1	\$9.90	\$9.00	\$8.25



90° Eyelets Cables - 150lb. Rated

Part #	Description	Eyelet Cables		\$ / PC		
				1+	50+	250+
6CL150-NE-5FT	3/32" 150lb. Rated x 5ft	90° 3/8" Eyelet Cables	1	\$5.40	\$4.95	\$4.50
6CL150-NE-10FT	3/32" 150lb. Rated x 10ft	90° 3/8" Eyelet Cables	1	\$6.50	\$5.90	\$5.40
6CL150-NE-15FT	3/32" 150lb. Rated x 15ft	90° 3/8" Eyelet Cables	1	\$7.50	\$6.85	\$6.25
6CL150-NE-20FT	3/32" 150lb. Rated x 20ft	90° 3/8" Eyelet Cables	1	\$8.60	\$7.80	\$7.15
6CL150-NE-30FT	3/32" 150lb. Rated x 30ft	90° 3/8" Eyelet Cables	1	\$10.70	\$9.70	\$8.90





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

ORDERING INFORMATION

Toggle Cables - 150lb. Rated

Part #	Description	📦	\$ / PC		
			1+	50+	250+
6CL150-T-5FT	3/32" 150lb. Rated x 5ft Toggle Cable	1	\$3.95	\$3.60	\$3.30
6CL150-T-10FT	3/32" 150lb. Rated x 10ft Toggle Cable	1	\$5.00	\$4.55	\$4.15
6CL150-T-15FT	3/32" 150lb. Rated x 15ft Toggle Cable	1	\$6.05	\$5.50	\$5.05
6CL150-T-20FT	3/32" 150lb. Rated x 20ft Toggle Cable	1	\$7.10	\$6.45	\$5.90
6CL150-T-30FT	3/32" 150lb. Rated x 30ft Toggle Cable	1	\$9.20	\$8.35	\$7.65



90° Powder Actuated Pin Cables - 150lb. Rated

Part #	Description	Eyelet Cables	📦	\$ / PC		
				1+	50+	250+
6CL150-P-5FT	3/32" 150lb. Rated x 5ft	90° Pin Cables	1	\$3.80	\$3.45	\$3.15
6CL150-P-10FT	3/32" 150lb. Rated x 10ft	90° Pin Cables	1	\$4.85	\$4.40	\$4.05
6CL150-P-15FT	3/32" 150lb. Rated x 15ft	90° Pin Cables	1	\$5.90	\$5.35	\$4.90
6CL150-P-20FT	3/32" 150lb. Rated x 20ft	90° Pin Cables	1	\$6.95	\$6.35	\$5.80
6CL150-P-30FT	3/32" 150lb. Rated x 30ft	90° Pin Cables	1	\$9.05	\$8.20	\$7.55



Stud Cables - 250lb. Rated

Part #	Description	Stud Cables	📦	\$ / PC		
				1+	50+	250+
6CL250-38S-5FT	1/8" 250lb. Rated x 5ft	3/8-16 Stud Cables	1	\$5.60	\$5.10	\$4.65
6CL250-38S-10FT	1/8" 250lb. Rated x 10ft	3/8-16 Stud Cables	1	\$7.25	\$6.60	\$6.05
6CL250-38S-15FT	1/8" 250lb. Rated x 15ft	3/8-16 Stud Cables	1	\$8.90	\$8.05	\$7.40
6CL250-38S-20FT	1/8" 250lb. Rated x 20ft	3/8-16 Stud Cables	1	\$10.55	\$9.60	\$8.80
6CL250-38S-30FT	1/8" 250lb. Rated x 30ft	3/8-16 Stud Cables	1	\$13.80	\$12.55	\$11.50






6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION


ORDERING INFORMATION

Straight Eyelet Cables - 250lb. Rated

Part #	Description	Eyelet Cables		\$ / PC		
				1+	50+	250+
6CL250-E-5FT	1/8" 250lb. Rated x 5ft	Straight 3/8" Eyelet Cables	1	\$5.30	\$4.85	\$4.45
6CL250-E-10FT	1/8" 250lb. Rated x 10ft	Straight 3/8" Eyelet Cables	1	\$6.95	\$6.30	\$5.80
6CL250-E-15FT	1/8" 250lb. Rated x 15ft	Straight 3/8" Eyelet Cables	1	\$8.60	\$7.80	\$7.15
6CL250-E-20FT	1/8" 250lb. Rated x 20ft	Straight 3/8" Eyelet Cables	1	\$10.25	\$9.30	\$8.55
6CL250-E-30FT	1/8" 250lb. Rated x 30ft	Straight 3/8" Eyelet Cables	1	\$13.50	\$12.30	\$11.25



90° Eyelet Cables - 250lb. Rated

Part #	Description	Eyelet Cables		\$ / PC		
				1+	50+	250+
6CL250-NE-5FT	1/8" 250lb. Rated x 5ft	90° 3/8" Eyelet Cables	1	\$6.10	\$5.55	\$5.05
6CL250-NE-10FT	1/8" 250lb. Rated x 10ft	90° 3/8" Eyelet Cables	1	\$7.70	\$7.00	\$6.45
6CL250-NE-15FT	1/8" 250lb. Rated x 15ft	90° 3/8" Eyelet Cables	1	\$9.35	\$8.50	\$7.80
6CL250-NE-20FT	1/8" 250lb. Rated x 20ft	90° 3/8" Eyelet Cables	1	\$11.00	\$10.00	\$9.15
6CL250-NE-30FT	1/8" 250lb. Rated x 30ft	90° 3/8" Eyelet Cables	1	\$14.30	\$13.00	\$11.90





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

SPIRAL DUCT WEIGHT CHARTS

Spiral Duct - Cable Lock Chart				
5' Span				
Diameter (in)	Single Wall Spiral Duct Weight (lbs. per 5' Span)			
	22 Gauge	20 Gauge	18 Gauge	16 Gauge
4	8.24	9.97	12.84	16.29
6	12.65	14.95	19.55	24.15
8	17.06	19.93	26.26	32.01
10	21.47	24.92	32.39	39.87
12	25.30	29.90	39.10	48.30
14	29.71	34.88	45.81	56.16
16	34.12	39.87	51.94	64.02
18	37.95	44.85	58.65	71.88
20	42.36	49.83	64.78	80.31
22	46.77	54.82	71.49	88.71
24	51.18	59.80	78.20	96.03
26	55.01	64.78	84.33	103.88
28	59.42	69.77	91.04	112.32
30	63.83	74.75	97.75	120.18
32	67.99	79.73	103.88	128.03
34	72.07	84.72	110.59	135.89
36	76.48	89.70	117.30	144.33

Spiral Duct - Cable Lock Chart				
6' Span				
Diameter (in)	Single Wall Spiral Duct Weight (lbs. per 6' Span)			
	22 Gauge	20 Gauge	18 Gauge	16 Gauge
4	9.89	11.96	15.41	19.55
6	15.18	17.94	23.46	28.98
8	20.47	23.92	31.51	38.41
10	25.76	29.90	38.87	47.84
12	30.36	35.88	46.92	57.96
14	35.65	41.86	54.97	67.39
16	40.94	47.84	62.33	76.82
18	45.54	53.82	70.38	86.25
20	50.83	59.80	77.74	96.37
22	56.12	65.78	85.79	105.80
24	61.41	71.76	93.84	115.23
26	66.01	77.74	101.20	124.66
28	71.30	83.72	109.25	134.78
30	76.59	89.70	117.30	144.21
32	81.19	95.68	124.66	153.64
34	86.48	101.66	132.71	163.07
36	91.77	107.64	140.76	173.19

- 3/32" Galvanized Aircraft Cable with Standard Cable Lock
- 1/8" Galvanized Aircraft Cable with Standard Cable Lock
- Weights are based on SMACNA HVAC Duct Construction Standards Metal and Flexible - Fourth Edition.
- Weight Values include 15% increase to allow for potential variations and basic connectors.
- Assumes equal distribution of weight on cable locks and cables.
- All other recommendations in instructions and specification sheets apply.





SPIRAL DUCT WEIGHT CHARTS

Spiral Duct - Cable Lock Chart				
8' Span				
Diameter (in)	Single Wall Spiral Duct Weight (lbs. per 8' Span)			
	22 Gauge	20 Gauge	18 Gauge	16 Gauge
4	13.19	15.95	20.55	26.07
6	20.24	23.92	31.38	38.64
8	27.29	31.89	42.01	51.21
10	34.35	39.87	51.83	63.79
12	40.48	47.84	62.56	77.28
14	47.53	55.81	73.29	89.85
16	54.59	63.79	83.11	102.43
18	60.72	71.76	93.84	115.00
20	67.77	79.73	103.65	128.49
22	74.83	87.71	114.39	141.07
24	81.88	95.68	125.12	153.64
26	88.01	103.65	134.93	166.21
28	95.07	111.63	145.67	179.71
30	102.12	119.60	156.40	192.28
32	108.25	127.57	166.21	204.85
34	115.31	135.55	176.95	217.43
36	122.36	143.52	187.68	230.92

Spiral Duct - Cable Lock Chart				
10' Span				
Diameter (in)	Single Wall Spiral Duct Weight (lbs. per 10' Span)			
	22 Gauge	20 Gauge	18 Gauge	16 Gauge
4	16.48	19.93	25.68	32.58
6	25.30	29.90	39.10	48.30
8	34.12	39.87	52.52	64.02
10	42.93	49.83	64.78	79.73
12	50.60	59.80	78.20	96.60
14	59.42	69.77	91.62	112.32
16	68.23	79.73	103.88	128.03
18	75.90	89.70	117.30	143.75
20	84.72	99.67	129.57	160.62
22	93.53	109.63	142.98	176.33
24	102.35	118.60	156.40	192.05
26	110.02	129.57	168.67	207.77
28	118.83	139.53	182.08	224.63
30	127.65	149.50	195.50	240.35
32	135.32	159.47	207.77	256.07
34	144.13	169.43	221.18	271.78
36	152.95	179.40	234.60	288.65

1. 3/32" Galvanized Aircraft Cable with Standard Cable Lock
2. 1/8" Galvanized Aircraft Cable with Standard Cable Lock
3. Weights are based on SMACNA HVAC Duct Construction Standards Metal and Flexible - Fourth Edition.
4. Weight Values include 15% increase to allow for potential variations and basic connectors.
5. Assumes equal distribution of weight on cable locks and cables.
6. All other recommendations in instructions and specification sheets apply.





6CL CABLE LOCK SYSTEMS

HVAC CABLE SUSPENSION

DISCLAIMER

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