



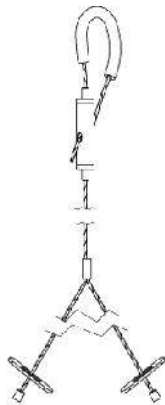
The Griplock® System

Used exclusively by PIONEER LIGHTING

"-ACHK" Option. Each kit c/w 1 pair of 5ft cables & Gripper

G-16Y24-ZZ-TG-120 kit supplied with all HBD/HBE/HBL high bay luminaires *

Adjustable Ceiling Assembly



Adjustable non-powerfeed ceiling assembly with CableFast Gripper. 24" legs with toggles. 1/16" Galvanized cable. Overall length = 120."

Kit includes:

- 1/16" Galvanized Y-cable assembly with toggles. (not sold separately)
- ZF-15ZZ CableFast double-ended Gripper.
- Protective sleeve.

Packaged in PAIRS & labeled.

ZF-15ZZ (included in kit)

Griplock Industrial Double-ended Gripper



- Griplock Industrial double-ended gripper with double side cable exits.
- For use with 3/64" – 1/16" 7x7 or 7x19 aircraft cable only.

- *Also available as a suspension option for other PIONEER fixtures*

** See our website for specifications & installation instructions*



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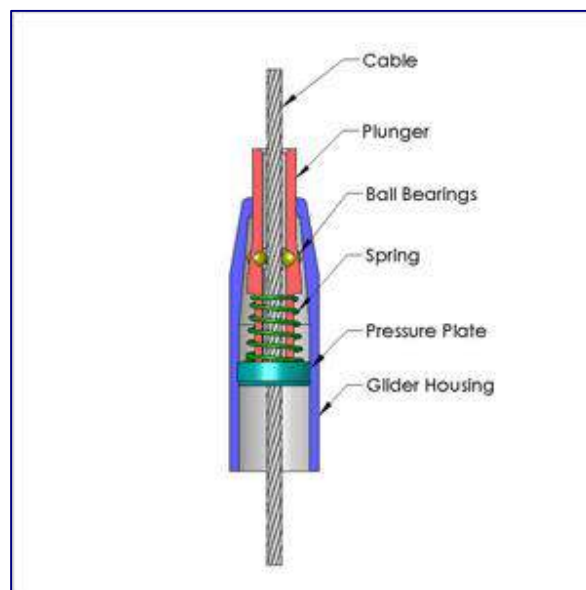
How It Works

Griplock® Grippers are sophisticated in design but simple to use:

- Insert the cable into the plunger and slide the gripper to the desired position. Where it stops, it locks ®
- To re-adjust, simply depress the plunger with your fingertip and move the gripper to a new position. Release the plunger to lock.

The 3- or 6-ball gripping mechanism is spring-loaded and allows the gripper to move freely up the cable. It cannot move down unless the plunger is depressed.

While there is any weight at all on the gripper, the plunger cannot be depressed. An optional "safety nut" or "safety cap" can be added to completely lock the mechanism in both directions. The Greater The Weight, The Stronger It Grips.



Materials & Finishes

Griplock® Grippers are made of nickel-plated brass with a few exceptions. Internal mechanisms are comprised of brass and stainless steel. Type-50 and Type-80 Grippers are also available in a black zinc finish. Our Retail Display Grippers are finished in satin-chrome. Other finishes are available upon request. Griplock® Keyrings are made of anodized aluminum and come in several colors.



Thread Sizes

Most Griplock® and Industrial/ZF Grippers have either internal or external threads to attach them to the object being suspended. The following chart contains thread and KO (Knock-Out) size information that may be useful, particularly to our Lighting Industry customers.

Thread and Knock Out Sizes					
Thread Size	Thread Diameter	Fixture KO Sizes	Thread Size	Thread Diameter	Fixture KO Size
1/8IPS = 1/8-27 NPSM	3/8"	7/16"	M4	5/32"	3/16"
1/4IPS = 1/4-18 NPSM	1/2"	9/16"	M6	4/32"	1/4"
3/8IPS = 3/8-18 NPSM	5/8"	11/16"	M8	5/16"	3/8"
1/2IPS = 1/2-14 NPSM	13/16"	7/8"	M10	3/8"	7/16"
10-32	.09"	3/16"	M13	1/2"	9/16"
1/4-20	.24"	1/4"	M16	5/8"	11/16"
3/8-16	.38"	7/16"	M20	25/32"	13/16"

About Aircraft Cable

Aircraft Cables, also known as wire ropes, have diameters ranging from 1/32" to 1/4" and are composed of six steel strands wound around a seventh steel stranded core.

This stranded steel core adds strength and crush-resistance to the cable. Aircraft cable is classified by the number of strands in the cable multiplied by the number of wires in each strand. For example, the notation 7x7 indicates that the cable has seven strands made up of seven wires in each strand. Similarly, the notation 7x19 indicates that the cable has seven strands made up of nineteen wires in each strand. The greater the number of wires, the greater the flexibility of the cable. Griplock® Cables are 7x7 or 7x19 galvanized or stainless steel (304 or 316) medium-to-high tensile strength aircraft cable.

<http://www.griplocksyste.ms.com/lighting/products.cfm>

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