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Rincon®
Powered Suspension System

Single Conductor Powered Suspension System

Ideal for linear fixtures, light boxes, or multi-pendant LED fixtures requiring multiple suspensions.

CordFree™ Technology
- For use with Class 2 LED Fixtures
  - 100 watts / 60 volts DC in U.S.
  - 100 watts / 30 volts DC in Canada

Elegant Design
- No bulky power cords needed
- Fixtures have a clean, modern look

Strong Suspension for Heavy Fixtures
- 1/16” cable – 40 lbs SWL per suspension*
- 3/32” cable – 100 lbs SWL per suspension*

Easy Field Installation
- Labor-saving tool-free installation
- Quickly adjust & re-adjust to any height

Solimar®
Powered Suspension System

Dual Conductor Coaxial Cable and Specialized Connection Hardware for Ceiling and Fixture

Ideal for single pendant fixtures, or linear fixtures to provide power and/or control.

CordFree™ Technology
- For use with Class 2 LED Fixtures
  - 100 watts / 60 volts DC in U.S.
  - 100 watts / 30 volts DC in Canada

Elegant Design
- No bulky power cords needed
- Fixtures have a clean, modern look

Strong Suspension for Heavy Fixtures
- 40 lbs SWL per suspension*
  - Stronger than any other coaxial cable

Easy Field Installation
- Easily adjust to desired height

Available 2017

Rincon® & Solimar® are engineered systems that must be designed and integrated into lighting fixtures by the Lighting OEM.
Griplock designs, engineers, manufactures and distributes adjustable and fixed cable suspension systems for use in the lighting, retail display, art display, suspended ceiling, trade show, rigging and defense industries. Since 1992 Griplock has provided manufacturers and contractors with the broadest selection of the highest quality, most reliable cable suspension products in the world.

Griplock's products include grippers, cable couplers, aircraft cable, ceiling canopies, power cords, accessories and an exclusive line of powered suspension systems.

The cable gripper 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 gripper holds about 60% of the published break strength of the cable. Griplock recommends a 5:1 safe working load (SWL) based upon that 60%. This makes the gripper the fastest, strongest and simplest way to suspend lighting and other fixtures. During the last 20 or so years, the aircraft cable / gripper combination has become the preferred pendant lighting suspension system by manufacturers and installers worldwide.

Arguably the finest grippers available, Premium grippers combine an immense range of applications with a beautiful finish and extraordinary holding power. Lower cost ZF Standard grippers are competitively priced for use in industrial and architectural lighting applications. ZF Standard grippers are built to our specifications and receive full quality assurance testing at our facility. Part numbers are in green, eg. ZF-15ZZ. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium products. See page 34.

Griplock Grippers. Sophisticated in design, simple to use:

- Insert the cable through the plunger into the gripper mechanism. Slide the gripper to the desired position.
- To re-adjust, 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. The gripper 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. See examples on page 10.
GRIPLOCK® CABLE

Griplock cable assemblies are available in 7x7 or 7x19 galvanized or stainless, medium-to-high tensile strength aircraft cable. These assemblies are factory fitted with a variety of die-cast zinc, swaged aluminum, swaged copper or swaged steel terminals. Unless specified, Griplock terminals are guaranteed to the full published break-strength of the cable, however, when used in conjunction with grippers, cables will have a break strength that is less than the break strength of the cable alone. Please refer to the Installation and Weight Load Guidelines on pages 33 and 34. **In all cases Griplock recommends a STATIC safe working load (SWL) of no more than 1/5 of the minimum break strength of the gripper / cable combination.**

GRIPLOCK® ARCHITECTURAL (GA) SUSPENSION KITS

Griplock provides a full line of cable suspension kits for the architectural lighting market. See pages 5 and 6. GA kits are not supplied with grippers. Please see the following pages for the appropriate gripper for your application.

GRIPLOCK® INDUSTRIAL (GI) SUSPENSION KITS

GI kits are supplied with Griplock’s ZF Standard grippers. These competitively priced industrial kits are shown on pages 7 and 8. Call, email or go online for our Griplock Industrials catalog.

CUSTOM DESIGNS, ENGINEERING & SERVICE

Any combination of Griplock products can be assembled, packaged and labeled according to your specifications. You may supply your own parts and instruction material for inclusion in your kits. Pricing is usually lower than the cost of individual components purchased “a la carte”. SolidWorks drawings of customer kits are available at no charge. Griplock engineering and sales staff are ready to help you in your selection of cables, couplers and grippers. If you still can’t find the part you need, we can design and build it for you.

QUALITY & SAFETY

Suspending pendant fixtures safely is Griplock’s highest priority. Improper installation and/or the wrong choice of components can have devastating consequences. Griplock’s reputation is built on safety, quality, customer service and over 20 years of experience. Our customers know that we stand squarely behind our products.

Griplock’s quality control system is modeled after ISO 9001. Prior to assembly, all individual Griplock Gripper components are tested randomly to meet Griplock’s high QC standards.
Grippers are NOT supplied with these kits. Please see following pages for the appropriate gripper for your application.

Cables are available in galvanized (AG) or stainless steel (AS).

xxx = Cable length in inches  Stock lengths: 24", 48", 96", 120", 150", 180" & 240"

**POWER FEED KITS**

<table>
<thead>
<tr>
<th>P/N examples</th>
<th>3/64&quot; galvanized cable</th>
<th>GA-AG12-PF182-xxx</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/16&quot; galvanized cable</td>
<td>GA-AG16-PF184-xxx</td>
</tr>
<tr>
<td></td>
<td>5/64&quot; galvanized cable</td>
<td>GA-AG20-PF185-xxx</td>
</tr>
<tr>
<td></td>
<td>3/32&quot; galvanized cable</td>
<td>GA-AG24-PF183CB-xxx</td>
</tr>
<tr>
<td></td>
<td>1/16&quot; stainless steel cable</td>
<td>GA-AS16-PF183-xxx</td>
</tr>
<tr>
<td></td>
<td>Cord &amp; canopy in black</td>
<td>GA-AG16-PF183B-xxx</td>
</tr>
</tbody>
</table>

**POWER FEED KITS FOR VAULTED CEILINGS**

<table>
<thead>
<tr>
<th>P/N examples</th>
<th>3/64&quot; galvanized cable</th>
<th>GA-AG12-SL-PF183-xxx</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/16&quot; galvanized cable</td>
<td>GA-AG16-SL-PF123-xxx</td>
</tr>
<tr>
<td></td>
<td>5/64&quot; galvanized cable</td>
<td>GA-AG20-SL-PF143-xxx</td>
</tr>
<tr>
<td></td>
<td>3/32&quot; galvanized cable</td>
<td>GA-AG24-SL-PF144-xxx</td>
</tr>
<tr>
<td></td>
<td>1/16&quot; stainless steel cable</td>
<td>GA-AS16-SL-PF183-xxx</td>
</tr>
<tr>
<td></td>
<td>Cord &amp; canopy in black</td>
<td>GA-AG16-SL-PF183B-xxx</td>
</tr>
</tbody>
</table>

**Typical power cords:**

18/2 SVT white (PF182)
18/2 SVT black (PF182B)
18/3 SVT white (PF183)
18/3 SVT black (PF183B)
18/3 SJT clear braided (PF183CB)
18/4 AWM white (PF184)
18/4 AWM black (PF184B)
18/4 SJT clear braided (PF184CB)
16/3 SJT white (PF163)
14/3 SJT white (PF143)
14/3 SJT black (PF143B)
14/4 SJT white (PF144)

The lettering in red shows how a power cord could appear in the part number of the GA kit you want to order. There's a list of available power cords on page 30, but there isn't room on this page to list each one. However, Griplock's customer service can create a GA kit containing any available cord in the standard lengths shown at the top of this page.
Grippers are NOT supplied with these kits. Please see following pages for the appropriate gripper for your application.

Cables are available in galvanized (AG) or stainless steel (AS).

xxx = Cable length in inches  
Stock lengths: 24", 48", 96", 120", 150", 180" & 240"

### NON-FEED KITS

<table>
<thead>
<tr>
<th>Cable Diameter</th>
<th>P/N Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/64&quot;</td>
<td>GA-AG12-Q5-xxx</td>
</tr>
<tr>
<td>1/16&quot;</td>
<td>GA-AG16-Q5-xxx</td>
</tr>
<tr>
<td>5/64&quot;</td>
<td>GA-AG20-Q5-xxx</td>
</tr>
<tr>
<td>3/32&quot;</td>
<td>GA-AG24-Q5-xxx</td>
</tr>
<tr>
<td>1/16&quot; stainless steel</td>
<td>GA-AS16-Q5-xxx</td>
</tr>
<tr>
<td>Canopy in black</td>
<td>GA-AG16-Q5B-xxx</td>
</tr>
</tbody>
</table>

### NON-FEED KITS FOR VAULTED CEILINGS

<table>
<thead>
<tr>
<th>Cable Diameter</th>
<th>P/N Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/64&quot;</td>
<td>GA-AG12-SL-Q5-xxx</td>
</tr>
<tr>
<td>1/16&quot;</td>
<td>GA-AG16-SL-Q5-xxx</td>
</tr>
<tr>
<td>5/64&quot;</td>
<td>GA-AG20-SL-Q5-xxx</td>
</tr>
<tr>
<td>3/32&quot;</td>
<td>GA-AG24-SL-Q5-xxx</td>
</tr>
<tr>
<td>1/16&quot; stainless steel</td>
<td>GA-AS16-SL-Q5-xxx</td>
</tr>
<tr>
<td>Canopy in black</td>
<td>GA-AG16-SL-Q5B-xxx</td>
</tr>
</tbody>
</table>

Bracket bar with 1/4-20 x 1" stud

5" canopy 0.25" center hole

1/4-20 coupler

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable

1/4-20 coupler

2" canopy 0.25" center hole

1/4-20 sloped ceiling coupler

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable

Bracket bar with 1/4-20 x 1" stud

5" canopy 0.25" center hole

1/4-20 sloped ceiling coupler

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable

3/16", 1/16", 5/64" or 3/32" galvanized or stainless cable
### Y-CABLES

| **ZZ** | Pushmepullyu gripper |
| **15Z** | Gripper w/ 1/4-20 int. thread |

### CEILING ATTACHMENTS

| **ZZ** | Adjustable loop-maker aka Pushmepullyu |
| **15Z** | Threads to 1/4-20 ceiling studs, etc. |

### FIXTURE ATTACHMENTS

- **TG** Toggles
- **GHK** Snap-hooks

### Y-CABLE KITS

- GI-16Yxx-ZZ-TG-xxx
- GI-16Yxx-15Z-TG-xxx
- GI-16Yxx-ZZ-GHK-xxx
- GI-16Yxx-15Z-GHK-xxx

**xx** = leg length: 12" & 24"
**xxx** = overall length: 60", 120", 180" & 240"

### X-CABLES

| **44** | Loop |
| **CC** | 1/4-20 cable coupler |

### CEILING ATTACHMENTS

- **TG** Toggle
- **GHK** Snap-hook

### X-CABLE KITS

- GI-16XCxx-44-TG-xxx
- GI-16XCxx-CC-TG-xxx
- GI-16XCxx-TG-TG-xxx
- GI-16XCxx-GHK-TG-xxx

**xxx** = overall length: 60", 120", 180" & 240"
**xx** = total X-cable length: 12", 24", 36" & 48"
**Actual leg length = 1/2 of X-cable length**
SINGLE CABLE KITS

Single cable systems can be used inversely:

GI-AG16-15Z-44-xxx
GI-AG16-15Z-CC-xxx
GI-AG16-15Z-TG-xxx
GI-AG16-15Z-GHK-xxx
GI-AG16-ZZ-44-xxx
GI-AG16-ZZ-CC-xxx
GI-AG16-ZZ-TG-xxx
GI-AG16-ZZ-GHK-xxx

xxx = overall length: 60", 120", 180" & 240"

SINGLE CABLES

CEILING AND FIXTURE ATTACHMENTS

GI-AG16-15Z-TG-xxx
2 assys. per kit.

15Z
Gripper w/ 1/4-20 int. thread

TG
Toggle Plate for 0.25" Opening

CC
1/4-20 cable coupler

GHK
Snap-hook

GI-AG16-V-44-xxx
2 assys. per kit.

44
Loop

44
V-clip

HX-VCCLIP-SM
Side mount v-clip

HX-VCCLIP-TM
Top mount v-clip

FIXTURE ATTACHMENTS

SINGLE CABLE KITS

Not supplied with kits but available from Griplock.
Griplock’s smaller Type 10 and Type 12 grippers, used in conjunction with 1/32”, 1mm, and 3/64” aircraft cable, are perfect for the new lightweight LED fixtures now coming to market.
### TYPE 12 GRIPPERS FOR 1/32” - 3/64” CABLE

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-M8-KFB-RR</td>
<td>Reverse release gripper. M8 x 1 thread. Cable releases at base</td>
<td></td>
</tr>
<tr>
<td>12Z-M4OR-SL1.6</td>
<td>Slotted cross-cable gripper. M4 thumb screw included</td>
<td></td>
</tr>
<tr>
<td>ZF-12-M8-KFT</td>
<td>Top flange gripper. M8 x 1 thread</td>
<td></td>
</tr>
<tr>
<td>ZF-12-NT-RR</td>
<td>Reverse release gripper. No thread. Cable releases at base</td>
<td></td>
</tr>
<tr>
<td>ZF-12X2</td>
<td>Looping gripper. Reverse release</td>
<td></td>
</tr>
</tbody>
</table>

Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.

---

### TYPE 15 GRIPPERS FOR 3/64” - 1/16” CABLE

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-1420-T2</td>
<td>Standard gripper. 1/4-20 steel thread.</td>
<td></td>
</tr>
<tr>
<td>15-1420-SC-T2</td>
<td>w/ safety cap</td>
<td></td>
</tr>
<tr>
<td>15-18IP-AT</td>
<td>All-thread gripper. 1/8 IPS thread.</td>
<td></td>
</tr>
<tr>
<td>15-18IP-AT-1</td>
<td>All-thread gripper. 1/8 IPS x 1” thread</td>
<td></td>
</tr>
<tr>
<td>15-18IP-KFT</td>
<td>Top flange gripper. Flat flange gripper.</td>
<td></td>
</tr>
<tr>
<td>15-18IP-KFT-S-T2</td>
<td>w/ safety nut</td>
<td></td>
</tr>
<tr>
<td>15-18IP-LITO-SC</td>
<td>Flat flange gripper. 1/8 IPS thread. w/ safety cap</td>
<td></td>
</tr>
<tr>
<td>15-14IP-AT-T2</td>
<td>All-thread gripper. 1/4 IPS thread.</td>
<td></td>
</tr>
<tr>
<td>15-14IP-KFT-T2</td>
<td>Top flange gripper. 1/4 IPS thread. w/ safety nut</td>
<td></td>
</tr>
<tr>
<td>15-14IP-KFT-S-T2</td>
<td>w/ safety nut</td>
<td></td>
</tr>
</tbody>
</table>

Locknuts and other fastening hardware available. See page 34 for Safe Working Loads.
### Type 15 Grippers for 3/64” - 1/16” Cable

**15-14IP-KFC-T2**
Center flange gripper.
1/4 IPS thread

**15-14IP-KFB**
Base flange gripper.
1/4 IPS thread

**15-38IP-KFT-S**
Top flange gripper.
3/8 IPS thread.
w/ safety nut

**15Z-1420i-KF-S**
Side exit gripper w/ key flats.
1/4-20 int. thread.
w/ safety nut

---

**15Z-1420i-T2**
Side exit gripper.
1/4-20 int. thread

**15Z-1420e-394-T2**
Side exit gripper.
1/4-20 x 0.394” thread

**15Z-1420e-276-T2**
Side exit gripper.
1/4-20 x 0.276” thread

**15Z-1032E-R-42**
Side exit gripper.
10-32 x 0.33” thread

---

**15Z-832i-T2**
8-32 int. thread.
See page 19

**15Z-832i-SC-T2**
Side exit gripper.
8-32 int. thread w/ safety cap

**15Z-M6R-SL2.3**
Slotted cross-cable gripper.
M6 thumb screw included

**15Z-M6R-Q2.3**
Through-hole cross-cable gripper.
M6 thumb screw included.
*15Z-M6R-Q2.3-SC*
w/ safety cap

---

Locknuts and other fastening hardware available

See page 34 for Safe Working Loads
TYPE 15 GRIPPERS FOR 3/64” TO 1/16” CABLE

Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

15ZG-1420i
Jointed side exit gripper.
1/4-20 int. thread

15ZG-1420e-315
Jointed side exit gripper.
1/4-20 x 0.315” thread

15Z-Q1032
Side exit gripper.
10-32 horizontal thread.
Fastener NOT included

15Z-QM3-T2
Side exit gripper.
W/ 0.10” slot.
M3 set screw included

15Z-GA-T2
Side exit clevis gripper 0.15” slot.
10-32 set screw included

DG-15Z-TC-300-SAT
Side exit clevis gripper 0.30” slot.
Satin chrome finish.
10-32 set screw included

15-K18
Spherical gripper.
18mm diameter

15-K18-RR
Reverse release spherical gripper.
Cable releases at base.
18mm diameter

15-M6-RR
Reverse release gripper.
M6 x 1 thread at top.
E-ring included.
Cable releases at base

15-NT-KFB
Base flange gripper.
No thread.
E-ring included

15Z-1420e-SCC
Slimline gripper.
1/4-20 thread.
See page 3

15-B20
Base flange gripper.
No thread
Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.
Locknuts and other fastening hardware available

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18Z-1420i</td>
<td>Side exit gripper. 1/4-20 int. thread</td>
</tr>
<tr>
<td>18Z-1420e-440</td>
<td>Side exit gripper. 1/4-20 x 0.44&quot; thread</td>
</tr>
<tr>
<td>18Z-M10e</td>
<td>Side exit gripper. M10 x 1 thread</td>
</tr>
<tr>
<td>18ZG-1420e-315</td>
<td>Jointed side exit gripper. 1/4-20 x 0.315&quot; thread</td>
</tr>
<tr>
<td>18ZG-1420i</td>
<td>Jointed side exit gripper. 1/4-20 int. thread</td>
</tr>
<tr>
<td>ZF-18Z-JU-1420i</td>
<td>Universal jointed side exit gripper. 1/4-20 int. thread</td>
</tr>
<tr>
<td>ZF-18Z-JU-1420e-315</td>
<td>Universal jointed side exit gripper. 1/4-20 x 0.315&quot; thread</td>
</tr>
<tr>
<td>ZF-18Z-XC</td>
<td>Cross cable gripper. w/ knurled thumb screw</td>
</tr>
<tr>
<td>ZF-18Z-1420eS-394</td>
<td>Side exit gripper. 1/4-20 x 0.394&quot; thread.</td>
</tr>
<tr>
<td>ZF-18Z-1420eS-440</td>
<td>Side exit gripper. 1/4-20 x 0.44&quot; thread.</td>
</tr>
</tbody>
</table>

Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.
Locknuts and other fastening hardware available

25-14IP-AT
All thread gripper.
1/4 IPS thread

25-14IP-KFT
Top flange gripper.
1/4 IPS thread.
w/ safety nut

25-14IP-KFC-S
Center flange gripper.
1/4 IPS thread.
w/ safety nut

25-38IP-AT
All thread gripper.
3/8 IPS thread.
w/ safety nut

25-38IP-KFT
Top flange gripper.
3/8 IPS thread.
w/ safety nut

25-38IP-KFC-S
Center flange gripper.
3/8 IPS thread.
w/ safety nut

25-B5
Side-mount gripper.
#8 wood screw included

25G
Swivel gripper.
w/ mounting plate

25Z-1420i-S
Side exit gripper.
1/4-20 int. thread.
w/ safety nut

25Z-1420i-T2
Side exit gripper.
1/4-20 int. thread

25Z-M10e
Side exit gripper.
M10 thread

25Z-M6-5L3.0-S
Slotted cross-cable gripper.
M6 set screw included.
w/ safety nut

See page 34 for Safe Working Loads
Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.
TYPE 30 GRIPPERS FOR 3/32” - 1/8” CABLE

Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

30-M16-AT
All-thread gripper.
M16 x 1.0 thread.
3-ball mechanism

30-K23
Spherical gripper.
3-ball mechanism.
23mm diameter

30-3816e-V6-S
Standard gripper.
3/8-16 thread.
6-ball mechanism w/ safety nut.

30-M6-V6-Q3.5-S
Through-hole cross-cable gripper.
6-ball mechanism.
M6 set screw included.

30-3816e-V6B-S
Black zinc plated

Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.

30Z-1420i-V6-S
Side exit gripper.
1/4-20 int. thread.
6-ball mechanism. Safety nut.
30Z-1420i-V6B-S
Black zinc plated

30Z-JU-3816i-V6-S
Universal Jointed side exit gripper.
3/8-16 int. thread.
6-ball mechanism. Safety nut.

30Z-3816i-V6-SC
Side cable exit gripper,
6-ball mechanism.
3/8-16 internal thread.
Safety nut

30Z-1420i-V6B-S
Black zinc plated

ZF-30X2
Looping gripper.
Reverse release
Griplock offers the Stabilizing Rod (SR) for track lighting, an 8" nickel-plated stem that screws down onto the threaded plunger of our track-suspension gripper. This locks down the cable-gripping mechanism and helps leverage an off-balance track back to its correct position.

**KITS & GRIPPERS FOR CABLE-SUSPENDED TRACK LIGHTING.**

Any combination of the parts shown below can be offered as a kit. Kits shown below are examples only.

*xxx = cable lengths: 60", 120", 180" & 240”*
Sputniks are available in three sizes and come in 3 and 4 cable versions. They accept a range of primary and secondary cable sizes. See chart below.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Primary Cable</th>
<th>Secondary Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-SPT3</td>
<td>3/64&quot; - 1/16&quot;</td>
<td>3/64&quot; - 1/16&quot; (3)</td>
</tr>
<tr>
<td>15-SPT4</td>
<td>3/64&quot; - 1/16&quot;</td>
<td>3/64&quot; - 1/16&quot; (4)</td>
</tr>
<tr>
<td>25-SPT3</td>
<td>1/16&quot; - 3/32&quot;</td>
<td>3/64&quot; - 1/16&quot; (3)</td>
</tr>
<tr>
<td>25-SPT4</td>
<td>1/16&quot; - 3/32&quot;</td>
<td>3/64&quot; - 1/16&quot; (4)</td>
</tr>
<tr>
<td>30-SPT3</td>
<td>5/64&quot; - 1/8&quot;</td>
<td>1/16&quot; - 5/64&quot; (3)</td>
</tr>
<tr>
<td>30-SPT4</td>
<td>5/64&quot; - 1/8&quot;</td>
<td>1/16&quot; - 5/64&quot; (4)</td>
</tr>
</tbody>
</table>

See page 34 for Safe Working Loads.
Locknuts and other fastening hardware available

**STRUT GRIPPER FOR 3/32” - 1/8” CABLE**

Cable is inserted though the top and is released from above or below.

Lower cost **ZF Standard** grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for **ZF Standard** grippers than its **Premium** gripping products. See page 34.

**RINGS**

- **ZF-15-RI**
  - Ring gripper.
  - For 3/64” - 1/16” cable.

- **15-RI**
  - Ring gripper.
  - For 3/64” - 1/16” cable.
  - **15-RI-S**
    - w/ safety nut

- **18-RI**
  - Ring gripper.
  - For 3/64” - 1/16” cable.
  - **18-RI-S**
    - w/ safety nut

- **30-RI-V6B-S**
  - Ring gripper.
  - For 3/32” - 1/8” cable.
  - 6-ball mechanism.
  - Black zinc plated w/ safety nut.

- **30-RI-V6-S**
  - Nickel plated

See page 34 for Safe Working Loads
Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

RT-15-HA
Snap-hook gripper.
For 3/64" - 1/16" cable.
Safe Working Load: 30 LBS

10-HA
Micro hook gripper.
For 1/32" - 1mm cable

15-GHA-B
Snap-hook gripper.
For 3/64" - 1/16" cable.
Black chrome plated.
15-GHA
Snap-hook gripper. Nickel plated

15-HA
Snap-hook gripper.
For 3/64" - 1/16" cable.
15-HA-S
w/ safety nut

18-HA
Snap-hook gripper.
For 3/64" - 5/64" cable.
18-HA-S
w/ safety nut

Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.

ZF-15Z-1420-GHA
Snap-hook gripper.
For 3/64" - 1/16" cable

15Z-1420-GHA
Snap-hook gripper.
For 3/64" - 1/16" cable.
Black chrome plated.
15-GHA
Snap-hook gripper.

25Z-1420-GHA
Snap-hook gripper.
For 1/16" - 3/32" cable.
25Z-1420-GHA-S
w/ safety nut.
See page 24

30Z-1420-V6-GHA
Snap-hook gripper.
For 3/32" - 1/8" cable.
6-ball mechanism.
w/ safety nut.

18Z-1420-GHA
Snap-hook gripper.
For 3/64" - 1/16" cable

15-GHA-B
Snap-hook gripper.
For 3/64" - 1/16" cable.
Black chrome plated.
15-GHA
Snap-hook gripper. Nickel plated

15-HA
Snap-hook gripper.
For 3/64" - 1/16" cable.
15-HA-S
w/ safety nut

18-HA
Snap-hook gripper.
For 3/64" - 5/64" cable.
18-HA-S
w/ safety nut

10-HA
Micro hook gripper.
For 1/32" - 1mm cable

15-HA
Snap-hook gripper.
For 3/64" - 1/16" cable.
15-HA-S
w/ safety nut

18-HA
Snap-hook gripper.
For 3/64" - 5/64" cable.
18-HA-S
w/ safety nut
FORK GRIPPERS

The fork dimensions are called out in the part number, eg. 15-FORK-8X16. See below:

- **15-FORK-8x16**
  Example

- **10-FORK-4.3x8**
  Fork gripper.
  For 1/32” - 1mm cable

- **12-FORK-5x10**
  Fork gripper.
  For 1/32” - 3/64” cable

- **15-FORK-6x12**
  Fork gripper.
  For 3/64” - 1/16” cable

- **15-FORK-6x24**
  Fork gripper.
  For 3/64” - 1/16” cable

- **15-FORK-8x16**
  Fork gripper.
  For 3/64” - 1/16” cable

- **25-FORK-6x12-SC**
  Fork gripper.
  For 1/16” - 3/32” cable.
  w/ safety cap

- **30-FORK-10x20-V6-S**
  Fork gripper.
  For 3/32” - 1/8” cable.
  6-ball mechanism.
  w/ safety nut.
  Black zinc plated

See page 34 for Safe Working Loads.
## CABLE STAYS

**HF-STAY-x**  
For 1/32” - 1mm cable.  
Power cord ≤ 0.25”

**HF-STAY-M4-x**  
M4 set-screw included.  
For ≤ 5/64” cable.  
Power cord ≤ 0.30”

### Lower cost ZF Standard grippers in this catalog are competitively priced for use in industrial and architectural lighting applications. Griplock® Systems recommends a lower safe working load (SWL) for ZF Standard grippers than its Premium gripping products. See page 34.

- **15-M13-PF**  
  Accepts cord up to 0.325” in diameter.  
  2 x M13 locknuts included.  
  For 3/64” - 1/16” cable.

- **15-14IP-PF**  
  Accepts cord up to 0.325” in diameter.  
  1/4 IPS locknut included.  
  For 3/64” - 1/16” cable.  
  **15-14IP-PF-S**  
  w/ safety nut

- **15-18IP-PF**  
  Accepts cord up to 0.25” in diameter.  
  1/8 IPS locknut included.  
  For 3/64” - 1/16” cable.  
  **15-18IP-PF-S**  
  w/ safety nut

- **15-38IP-PF**  
  Accepts cord up to 0.42” in dia.  
  3/8 IPS locknut included.  
  For 3/64” - 1/16” cable.  
  **15-38IP-PF-S**  
  w/ safety nut

- **25-38IP-PF**  
  For 1/16” - 3/32” cable.  
  **25-38IP-PF-S**  
  w/ safety nut

- **15-38IP-PF**  
  Accepts cord up to 0.42” in dia.  
  3/8 IPS locknut included.  
  For 3/64” - 1/16” cable.  
  **15-38IP-PF-S**  
  w/ safety nut

- **25-38IP-PF**  
  For 1/16” - 3/32” cable.  
  **25-38IP-PF-S**  
  w/ safety nut

- **Z-25-12IP-PF-S**  
  Accepts cord up to 0.42” in dia.  
  2 x 1/2 IPS locknuts included.  
  For 5/64” - 2.5mm cable.  
  w/ safety nut

- **23**  
  POWER FEED GRIPPERS & CABLE STAYS

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**Locknuts and other fastening hardware available**  
See page 34 for Safe Working Loads

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Power feed housing lets the power cord enter the fixture through the same KO as the gripper.
During a seismic event, forces can quickly build up that may cause a lighting fixture to tear loose from its ceiling mountings. The Griplock Seismic Bracing System is designed to limit such movement, not prevent it altogether. The Griplock Seismic Bracing System conforms to California Building Code regulations.

**System 1:** A single 3/32” cable locks to existing vertical cables via the **CC-UNICROSS**, running up at a 45° angle to attach to eye-bolts at the ceiling structure via the **25Z-1420-GHA**.

**System 2:** Longitudinal and lateral 3/32” cables run from wall to wall, intersecting each other and vertical cables as close to the fixture as possible. Use the **CC-UNICROSS** at these intersections. Use an adjustable gripper at either end of the 3/32” bulk cable.

Use **25Z-M13-1420-SL** gripper and coupler combo for cables that run perpendicular to wall surfaces. Use **25Z-1420-GHA** gripper and snap-hook combo for all wall surfaces and all angles.
Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

**CC-1420**
Cable coupler.
For cable ≤ 3/32".
1/4-20 int. thread

**CC-1420-T2**
Cable coupler.
For cable ≤ 3/32".
1/4-20 int. thread

**CC-3816**
Cable coupler.
For cable ≤ 3/32".
3/8-16 int. thread

**CC-18IP-SR**
Slipring coupler.
For cable ≤ 3/32".
1/4-20 int. thread
US Patent 6,761,342 B1

**CC-18IP**
Cable coupler.
For cable ≤ 3/32".
1/8 IPS int. thread

**CC-2**
2-part cable coupler.
For cable ≤ 3/32"

**CC-1420-SL2.1**
Sloped ceiling coupler.
For 1/16" - 5/64" cable.
1/4-20 int. thread.

**CC-1420-SL3.0-T2**
For 5/64" - 3/32" cable.
w/ half ball insert

**CC-1420-SL4.4**
Sloped ceiling coupler.
For ≤ 1/8" cable.
1/4-20 int. thread.
w/ ball insert

**CC-1420-SL4.4**
Sloped ceiling coupler.
For 5/64" - 3/32" cable.

**CC-1420-SL2.1-SR**
Slipring coupler.
For ≤ 5/64" cable.
1/4-20 int. thread

**CC-1420-SL4.4**
Sloped ceiling coupler.
For ≤ 5/64" cable.
3/8-16 int. thread

**CC-1420-T2**
Cable coupler.
For cable ≤ 3/32".
1/4-20 int. thread

**CC-18IP-SR**
Slipring coupler.
For cable ≤ 3/32".
1/4-20 int. thread

**CC-3816**
Cable coupler.
For cable ≤ 3/32".
3/8-16 int. thread

**CC-18IP**
Cable coupler.
For cable ≤ 3/32".
1/8 IPS int. thread

**CC-SL2.1-SR**
Sloped ceiling slipring coupler.
For ≤ 5/64" cable.
1/4-20 int. thread

**12-BS-1420**
Sloped ceiling gripper.
For 3/64" cable.
1/4-20 int. thread

**15-BS-1420**
Sloped ceiling gripper.
For 3/64" - 1/16" cable.
1/4-20 int. thread

**CC-M8-SL2.4**
Slotted cross-cable connector.
For ≤ 5/64" cable

**CC-M8-Q2.4**
Through hole cross-cable connector.
For ≤ 5/64" cable
Locknuts and other fastening hardware available

See page 34 for Safe Working Loads

**CABLE COUPLERS - ADJUSTABLE & FIXED**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Thread Width</th>
<th>Use with Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC-M8</td>
<td>2-part cable coupler.</td>
<td>≤ 1/16” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 screw</td>
</tr>
<tr>
<td>CC-M10-1420</td>
<td>2-part cable coupler.</td>
<td>≤ 5/64” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>CC-M13-1420-Q2.4</td>
<td>2-part cable coupler.</td>
<td>≤ 5/64” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>CC-M13-1420-Q3.5</td>
<td>2-part cable coupler.</td>
<td>≤ 5/64” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>CC-1420-ELP</td>
<td>2-part cable coupler.</td>
<td>≤ 3/32” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>12Z-M8-SL</td>
<td>2-part gripper.</td>
<td>≤ 1/16” cable - 3/64” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>15Z-M10-1420-SL</td>
<td>2-part gripper.</td>
<td>≤ 3/64” - 1/16” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>25Z-M13-1420-SL</td>
<td>2-part gripper.</td>
<td>≤ 3/64” - 1/16” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
<tr>
<td>15Z-1420-ELP-T2</td>
<td>2-part gripper.</td>
<td>≤ 3/32” - 1/8” cable</td>
<td>1/4-20 int. thread</td>
<td>#6 Screw</td>
</tr>
</tbody>
</table>
STOCK CABLE SIZES: 3/64", 1/16", 5/64", and 3/32" unless noted.
STOCK CABLE LENGTHS: 24", 48", 96", 120", 150", 180", and 240" unless noted.
STOCK CABLE TYPE: 7x7 galvanized and 304 stainless unless noted. 1/8" and up: 7x19.

NON-STOCK CABLE: If cables in non-stock lengths and/or with non-stock terminals are available then we will ship them immediately at no extra charge. If they need to be manufactured there may be a lead time of several weeks, depending on the type and quantity. **For cables that need to be cut down to a specific non-stock length there will be a charge for the next available stock length up, in addition to a $1.00 cutting charge.** A custom cable set-up charge may also be imposed.

Please consult us for more information on swaged and zinc die cast terminals. Many more are available than can be shown here. Custom designs are also available. Cables are made exclusively of medium-to-high tensile strength aircraft cable.

| 93 | Ball terminal. For 1/32" - 1/8" cable. Various diameters |
| 80 | Ball terminal. For 1/32" & 3/64" stainless cable. 0.19" diameter. STOCK |
| 87 | Barrel terminal. For 3/64" - 5/64" cable. 0.19" diameter. STOCK |
| 73 | Barrel terminal. For 3/64" cable. 0.12" diameter |
| 02 | T-terminal. For 3/64" - 1/16" cable. 0.24" diameter |

| TG | Toggle plate. For 3/64" - 5/64" cable. STOCK |
| 91 | Single shank ball terminal. For 3/64" - 1/8" cable. Various diameters |
| 01 | Swaged barrel terminal. For 3/32" cable. 0.19" diameter. 71 Die cast barrel terminal. STOCK |
| 10 | Barrel terminal. For 1/8" cable. 0.34" diameter |

| AG-12BX | 3/64" black oxide |
| AG-16BX | 1/16" black oxide |
| AG-24BX | 3/32" black oxide |

Cable assemblies are available in a black oxide finish but are not stock items.

See page 34 for Safe Working Loads
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>99G</td>
<td>Stake-eye. All cable sizes.</td>
<td></td>
</tr>
<tr>
<td>99S</td>
<td>Stainless stake-eye</td>
<td></td>
</tr>
<tr>
<td>99EC</td>
<td>Stamped copper eye</td>
<td></td>
</tr>
</tbody>
</table>
| 44    | Loop
      | For 1/16" galv. cable.                           | STOCK. Other cable types & sizes are available |
| 45    | Loop / thimble.                                  | Available for all cable sizes   |
| 1032  | 10-32 swaged stud.                               | For 1/16" cable                |
| 1420  | 1/4-20 swaged stud.                              | For 1/16" cable                |
| 1420CC| 1/4-20 stud.                                     | For ≤ 3/32" cable.              |
| GHKZ  | Zinc die cast snap-clip.                         | For 3/64" cable.               |
| GH    | Swaged snap-clip.                                | For 1/8" cable                  |
| GHK   | Small snap-clip.                                 | Safe Working Load: 25 lb        |
| GHCC  | Snap-clip.                                       | For ≤ 3/32" galvanized cable.   |
|       |                                                  | STOCK                          |

Locknuts and other fastening hardware available. See page 34 for Safe Working Loads.
This page shows examples of some of the many tethers we produce. A small selection of tethers are available in stock. Most tethers are customized per project. Smaller orders can be processed in 1-2 weeks. Larger orders of 1,000 pieces or more may require a 8-10 week lead time. They can be expedited for a small add-on fee, cutting the time for receiving down to 6 weeks. Larger orders requiring a shorter lead time can be expedited with a 1-3 week lead time at a higher cost. Small orders of 100 or less may incur a set up charge and additional fees.

**WEIGHT LOADS**

The weight loads for tethers can range from 10 lbs to several hundred. Just give us a call or send us a drawing so we can help you determine your requirements.

**EXAMPLES**

Tethers can be of any material but the cable itself is always 7x7 galvanized or stainless steel, and can also be offered with plastic-coating or black oxide finish. Please refer to pages 27-28 for all available cable terminals. Please call Griplock’s customer service for quotes.
Cords are available in bulk, blunt-cut to length, or stripped one or both ends. Call us if you don’t see what you’re looking for.

- Unless Gray & Violet specified, 5th and/or 6th conductor colors may vary.
- We carry a number of cords with gray and violet control wires. Look for **GV** in our part number
- We carry a number of **600v** cords. Look for **HV** in our part number.

<table>
<thead>
<tr>
<th>CORD TYPE</th>
<th>JACKET</th>
<th>CONDS.</th>
<th>GRIPLOCK P/N</th>
<th>CORD DIA.</th>
<th>PF HOLE DIA.</th>
<th>BUSHING P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/3 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-123-SJT-B</td>
<td>0.45&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>12/3 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-123-SJT-W</td>
<td>0.45&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>12/3 STO</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, (600v)</td>
<td>ES-123-STO-W-HV</td>
<td>0.57&quot;</td>
<td>1.125&quot;</td>
<td>SR-1288-W SR-1287-B</td>
</tr>
<tr>
<td>12/4 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-124-SJT-B</td>
<td>0.50&quot;</td>
<td>0.375&quot;</td>
<td>SR-1255-W SR-1254-B</td>
</tr>
<tr>
<td>12/4 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-124-SJT-W</td>
<td>0.50&quot;</td>
<td>0.375&quot;</td>
<td>SR-1255-W SR-1254-B</td>
</tr>
<tr>
<td>12/5 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED, BL.</td>
<td>ES-125-SJT-W</td>
<td>0.57&quot;</td>
<td>1.125&quot;</td>
<td>SR-1288-W SR-1287-B</td>
</tr>
<tr>
<td>14/3 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-143-SJT-B</td>
<td>0.38&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248W SR-1247-B</td>
</tr>
<tr>
<td>14/3 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-143-SJT-W</td>
<td>0.38&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248W SR-1247-B</td>
</tr>
<tr>
<td>14/3 ST</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, (600v)</td>
<td>ES-143-ST-W-HV</td>
<td>0.38&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248W SR-1247-B</td>
</tr>
<tr>
<td>14/4 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-144-SJT-B</td>
<td>0.45&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>14/4 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-144-SJT-W</td>
<td>0.45&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>14/4 ST</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED, (600v)</td>
<td>ES-144-ST-W-HV</td>
<td>0.53&quot;</td>
<td>0.375&quot;</td>
<td>SR-1289-W SR-1287-B</td>
</tr>
<tr>
<td>18/3 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-183-SJT-W</td>
<td>0.31&quot;</td>
<td>0.625&quot;</td>
<td>SR-1201-W SR-1200-B</td>
</tr>
<tr>
<td>18/3 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-183-SJT-B</td>
<td>0.31&quot;</td>
<td>0.625&quot;</td>
<td>SR-1201-W SR-1200-B</td>
</tr>
<tr>
<td>18/3 ST</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, (600v)</td>
<td>ES-183-ST-B-HV</td>
<td>0.37&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/3 ST</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, (600v)</td>
<td>ES-183-ST-W-HV</td>
<td>0.37&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/3 SVT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-183-SVT-B</td>
<td>0.26&quot;</td>
<td>0.500&quot;</td>
<td>SR-1151-W SR-1150-B</td>
</tr>
<tr>
<td>18/3 SVT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-183-SVT-W</td>
<td>0.26&quot;</td>
<td>0.500&quot;</td>
<td>SR-1151-W SR-1150-B</td>
</tr>
<tr>
<td>18/4 AWM</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-184-AWM-B</td>
<td>0.29&quot;</td>
<td>0.625&quot;</td>
<td>SR-1201-W SR-1200-B</td>
</tr>
<tr>
<td>18/4 AWM</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-184-AWM-W</td>
<td>0.29&quot;</td>
<td>0.625&quot;</td>
<td>SR-1201-W SR-1200-B</td>
</tr>
<tr>
<td>18/4 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED.</td>
<td>ES-184-SJT-B</td>
<td>0.34&quot;</td>
<td>0.625&quot;</td>
<td>SR-1201-W SR-1200-B</td>
</tr>
<tr>
<td>18/4 SJT</td>
<td>CIRL. BRD.</td>
<td>WHT, BLK, GRN.</td>
<td>ES-184-SJT-CB</td>
<td>0.38&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 AWM</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, GRY, VLT, (600v)</td>
<td>ES-185-AWM-GV-B-HV</td>
<td>0.37&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 AWM</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, GRY, VLT, (600v)</td>
<td>ES-185-AWM-GV-W-HV</td>
<td>0.37&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 AWM</td>
<td>CIRL. BRD.</td>
<td>WHT, BLK, GRN, GRY, VLT, (600v)</td>
<td>ES-185-AWM-GV-CB</td>
<td>0.37&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-B</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-W</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-CB</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>CIRL. BRD.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-GV-CB</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>CIRL. BRD.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-GV-W</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/5 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED, OR.</td>
<td>ES-185-SJT-W</td>
<td>0.40&quot;</td>
<td>0.375&quot;</td>
<td>SR-1248-W SR-1247-B</td>
</tr>
<tr>
<td>18/6 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED, OR, BL.</td>
<td>ES-186-SJT-B</td>
<td>0.43&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>18/6 SJT</td>
<td>WHT.</td>
<td>WHT, BLK, GRN, RED, OR, BL.</td>
<td>ES-186-SJT-W</td>
<td>0.43&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>18/6 SJT</td>
<td>BLK.</td>
<td>WHT, BLK, GRN, RED, OR, BL.</td>
<td>ES-186-SJT-W</td>
<td>0.43&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
<tr>
<td>18/6 SJT</td>
<td>CIRL. BRD.</td>
<td>WHT, BLK, GRN, RED, OR, BL.</td>
<td>ES-186-SJT-W</td>
<td>0.43&quot;</td>
<td>0.375&quot;</td>
<td>SR-1498-W SR-1497-B</td>
</tr>
</tbody>
</table>

* 3 Power Conductors (WHT, BLK, GRN) are 18 Gauge / 2 Control Wires (GRY, VLT) are 22 Gauge
STOCK CEILING CANOPIES - WHITE IS UV RESISTANT POWDER COAT

<table>
<thead>
<tr>
<th>GRIPLOCK P/N</th>
<th>COLOR</th>
<th>OD</th>
<th>CTR. HOLE</th>
<th>PF DIA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2-14-B</td>
<td>BLK.</td>
<td>2&quot;</td>
<td>0.25&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q2-14-W</td>
<td>WHT.</td>
<td>2&quot;</td>
<td>0.25&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q2-410-W</td>
<td>WHT.</td>
<td>2&quot;</td>
<td>0.41&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q4.5-14-W</td>
<td>WHT.</td>
<td>4.5&quot;</td>
<td>0.25&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q4.5-410-W-625</td>
<td>WHT.</td>
<td>4.5&quot;</td>
<td>0.41&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q4.5-410-W-875</td>
<td>WHT.</td>
<td>4.5&quot;</td>
<td>0.41&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-W</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Q5-14-B</td>
<td>BLK.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q5-14-B-875X2(PFx2)</td>
<td>BLK.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-14-W</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q5-14-W-500</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.50&quot;</td>
</tr>
<tr>
<td>Q5-14-W-625</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q5-14-W-625X2(PFx2)</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q5-14-W-875</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-14-W-875X2(PFx2)</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.25&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-410-B-625</td>
<td>BLK.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q5-410-B-875</td>
<td>BLK.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-410-B-875X2(PFx2)</td>
<td>BLK.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-410-W</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q5-410-W-1125</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>1.13&quot;</td>
</tr>
<tr>
<td>Q5-410-W-500</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.50&quot;</td>
</tr>
<tr>
<td>Q5-410-W-500X2(PFx2)</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.50&quot;</td>
</tr>
<tr>
<td>Q5-410-W-625</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q5-410-W-625X2(PFx2)</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.63&quot;</td>
</tr>
<tr>
<td>Q5-410-W-875</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-410-W-875X2(PFx2)</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.41&quot;</td>
<td>0.88&quot;</td>
</tr>
<tr>
<td>Q5-500-W</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.50&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Q5-625-W-625</td>
<td>WHT.</td>
<td>5&quot;</td>
<td>0.63&quot;</td>
<td>0.63&quot;</td>
</tr>
</tbody>
</table>

CABLE GROMMET

Cable grommets let the cable pass cleanly through ceiling tile and other materials up to 5/8". Finished in nickel.

CC-1420-CG
Locknut & washer included

CC-632-Q2.9
Clamps to cable <3/32" holds 0.25" ctr. hole canopy to tile ceiling
## CEILING ATTACHMENTS

<table>
<thead>
<tr>
<th><strong>HX-T-CLIP-Q6-W</strong></th>
<th><strong>HX-T-CLIP-BAX-4-16</strong></th>
<th><strong>HX-T-CLIP-BA-4-16-W</strong></th>
<th><strong>HX-T-CLIP-BA1</strong></th>
<th><strong>HX-T-CLIP-KEY-W</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>T-bar clip for hook attachment. See page 28 for <strong>GHKZ</strong> hook.</td>
<td>Scissor T-bar clip. 1/4-20 x 5/8&quot; stud</td>
<td>&quot;Twist-on&quot; T-bar clip. 1/4-20 x 5/8&quot; stud</td>
<td>Wrap-around T-bar clip. 1/4-20 x 5/8&quot; stud</td>
<td>T-bar clip for ball terminal. See page 27 for 80 or 93 terminal.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BB-1420-1</strong></th>
<th><strong>BB-18IP-1</strong></th>
<th><strong>BB-14IP-1</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>BB-UNIVERS-685ID</strong></th>
<th><strong>TL-CUTTER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bracket bar for 4&quot; J-box.</td>
<td>Felco-type cable cutter. Cuts ≤ 1/8&quot; cable.</td>
</tr>
</tbody>
</table>
If this is the first time you’ve worked with Griplock Grippers, PLEASE READ THE FOLLOWING INFORMATION CAREFULLY.

INSTRUCTIONS FOR USE

The information in the charts on pages 33 and 34 is not applicable to any other cable gripping product. Use of Griplock supplied cables is assumed. 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 gripper always allow cable to pass 1” beyond the gripper mechanism. When cutting excess cable always leave 1/2” of cable showing. Cable should be cut using purpose-built cutters as shown on page 32.
- Cable will not fray when cut unless passed repeatedly through the gripper mechanism or otherwise overworked. 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.
  For information on the Rincon® Powered Suspension System see page 2.
- **DO NOT FEED EXCESS CABLE INTO A FIXTURE HOUSING OR J-BOX CONTAINING ELECTRICAL WIRING.**
- Adhere strictly to the Weight Load Guidelines on pages 33 and 34. Use only gripper / cable combinations for which a safe working load (SWL) has been specified, e.g. 1/16” cable with a Type 15 gripper.
- The Griplock system is generally not recommended for permanent outdoor installations. It should not be exposed to wind or water or allowed to oscillate continuously. Avoid placing fixtures in chemical-laden environments such as indoor swimming pools (for more information on these applications please call our office). Do not place unbraced fixtures close to HVAC vents where they may be exposed to continual air currents. If in any doubt consult a Griplock engineer or sales representative.

ANGLED APPLICATIONS

- Cables should not enter or exit grippers 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 safe working load on an angled cable supporting a load, take the safe working load for the gripper / cable combination from the weight load chart on page 34 and multiply it by the factor from the chart below. For example, for a 1/16” galvanized cable with type 25 Premium gripper at a 45° angle, take the 60 lbs from the weight load chart on page 34 and multiply it by 0.70 from below: 60 lbs x 0.70 = 42 lbs. So 42 lbs will be the safe working load for each suspension at a 45° angle instead of 60 lbs for a vertical suspension. Angles beyond 60° are not recommended.

For more information about this please call our office.

<table>
<thead>
<tr>
<th>ANGLE FROM VERT.</th>
<th>0°</th>
<th>15°</th>
<th>30°</th>
<th>45°</th>
<th>60°</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACTOR</td>
<td>1</td>
<td>0.96</td>
<td>0.86</td>
<td>0.70</td>
<td>0.50</td>
</tr>
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</table>

THREAD AND KNOCK OUT (KO) SIZES

<table>
<thead>
<tr>
<th>THREAD SIZE</th>
<th>THREAD DIA.</th>
<th>KO SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8IPS = 1/8-27</td>
<td>3/8”</td>
<td>7/16”</td>
</tr>
<tr>
<td>1/4IPS = 1/4-18</td>
<td>1/2”</td>
<td>9/16”</td>
</tr>
<tr>
<td>3/8IPS = 3/8-18</td>
<td>5/8”</td>
<td>11/16”</td>
</tr>
<tr>
<td>1/2IPS = 1/2-14</td>
<td>13/16”</td>
<td>7/8”</td>
</tr>
<tr>
<td>10-32</td>
<td>0.19”</td>
<td>3/16”</td>
</tr>
<tr>
<td>1/4-20</td>
<td>0.24”</td>
<td>1/4”</td>
</tr>
<tr>
<td>3/8-16</td>
<td>0.38”</td>
<td>7/16”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>THREAD SIZE</th>
<th>THREAD DIA.</th>
<th>KO SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4</td>
<td>5/32”</td>
<td>3/16”</td>
</tr>
<tr>
<td>M8</td>
<td>5/16”</td>
<td>3/8”</td>
</tr>
<tr>
<td>M10</td>
<td>3/8”</td>
<td>7/16”</td>
</tr>
<tr>
<td>M13</td>
<td>1/2”</td>
<td>9/16”</td>
</tr>
<tr>
<td>M16</td>
<td>5/8”</td>
<td>11/16”</td>
</tr>
</tbody>
</table>
### Static Safe Working Loads (SWL) for Griplock® Premium Grippers

Safe working loads are 20% of the minimum break strength of the gripper / cable combination. Values in **BLUE** are for stainless steel cables. Values in **BLACK** are for galvanized cables.

<table>
<thead>
<tr>
<th>CABLE DIAMETER</th>
<th>INCHES</th>
<th>PREMIUM GRIPPER TYPE</th>
<th>MINIMUM BREAK STRENGTH FOR GRIPPER / CABLE COMBINATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Type 10</td>
<td>Type 12</td>
</tr>
<tr>
<td>3-Ball</td>
<td>1/32&quot;</td>
<td>15 / 15</td>
<td>15 / 15</td>
</tr>
<tr>
<td></td>
<td>1.0mm</td>
<td>22 / 20</td>
<td>22 / 20</td>
</tr>
<tr>
<td></td>
<td>3/64&quot;</td>
<td>33 / 28</td>
<td>33 / 28</td>
</tr>
<tr>
<td></td>
<td>1/16&quot;</td>
<td>60 / 50</td>
<td>60 / 50</td>
</tr>
<tr>
<td></td>
<td>5/64&quot;</td>
<td>80 / 70</td>
<td>80 / 70</td>
</tr>
<tr>
<td></td>
<td>3/32&quot;</td>
<td>126 / 110</td>
<td>126 / 110</td>
</tr>
<tr>
<td></td>
<td>2.5mm</td>
<td>134 / N/A</td>
<td>134 / N/A</td>
</tr>
<tr>
<td></td>
<td>1/8&quot;</td>
<td>215 / 200</td>
<td>215 / 200</td>
</tr>
<tr>
<td></td>
<td>1/8&quot;</td>
<td>250 / 225</td>
<td>250 / 225</td>
</tr>
</tbody>
</table>

### Static Safe Working Loads (SWL) for Griplock® ZF Standard Grippers

Safe working loads are 20% of the minimum break strength of the gripper / cable combination. Values in **BLUE** are for stainless steel cables. Values in **BLACK** are for galvanized cables.

<table>
<thead>
<tr>
<th>CABLE DIAMETER</th>
<th>INCHES</th>
<th>ZF STANDARD GRIPPER TYPE</th>
<th>MINIMUM BREAK STRENGTH FOR GRIPPER / CABLE COMBINATION</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Pushmepullyu*</td>
<td>Type 12</td>
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<tr>
<td></td>
<td></td>
<td>ZF-15ZZ</td>
<td>3-Ball</td>
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<tr>
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<td>19 / 17</td>
</tr>
<tr>
<td></td>
<td>1.0mm</td>
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<td>25</td>
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<tr>
<td></td>
<td>3/64&quot;</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>1/16&quot;</td>
<td></td>
<td>75 / 65</td>
</tr>
<tr>
<td></td>
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<td>75 / 65</td>
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<td>1/8&quot;</td>
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<td>250</td>
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*Figures in these two columns denote Pushmepullyu Grippers and the ZF-30X2 looping gripper when used in a looped configuration. For all other configurations see regular ZF Standard weightload figures.

- USE CORRECT WEIGHTLOAD CHART. Griplock’s **ZF Standard** Grippers (see 2nd chart) can be indentified by the CF marking on the gripper. They have a lower SWL than Griplock **Premium** Grippers (see 1st chart).
- The 5:1 SWL reflects the US Lighting Industry standard. Where no SWL is shown, grippers and cables are not compatible.
- Charts indicate the SWL for gripper / cable combinations when used with 7x7 or 7x19 steel core, uncoated galvanized or stainless steel aircraft cable. Do not use plastic coated cable.
- Charts apply to Griplock **Premium** or **ZF Standard** Grippers only. They are not applicable to any other cable gripping product.

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