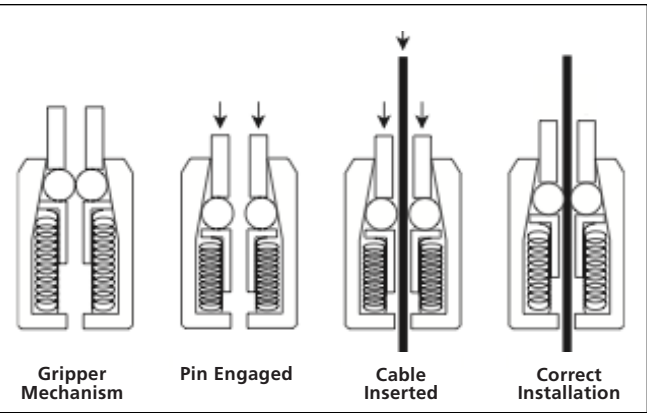


Technical Specifications

How It Works

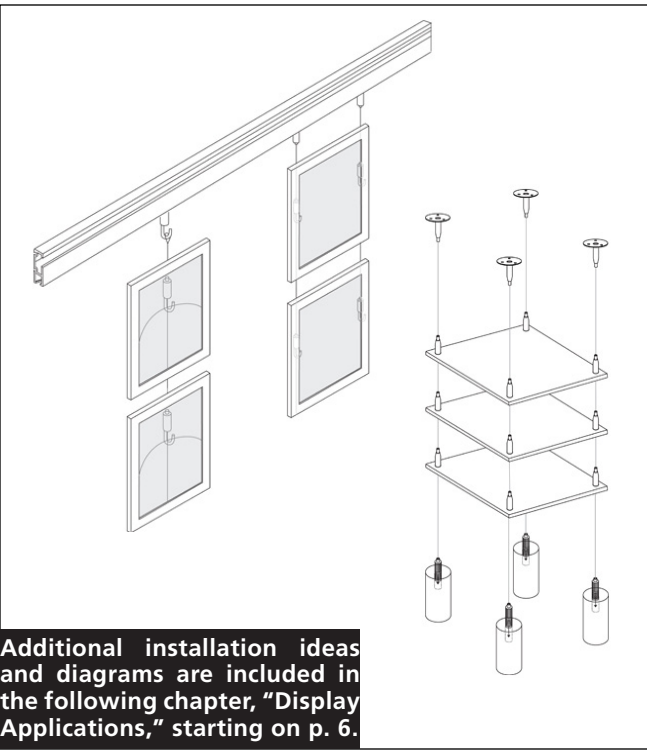
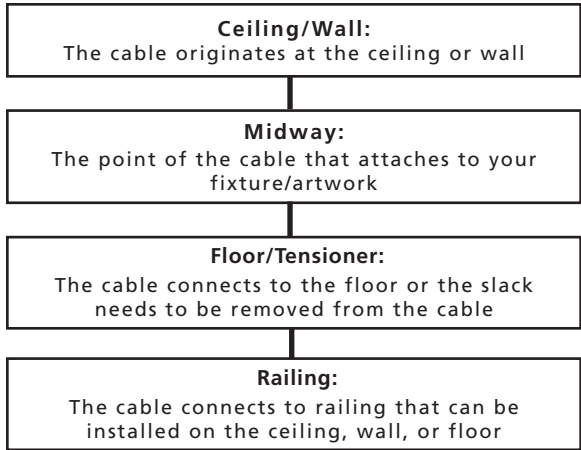
Cross-sections of the standard gripping mechanism found in most our parts are shown to the right. The gripper is activated by pressing the pin into the piece, forcing the internal ball bearings to separate enough to accept the appropriately-sized cable. Once the cable is inserted with the gripping mechanism engaged, it cannot be removed unless the pin is re-engaged, thereby separating the ball bearings and releasing their grip on the cable.



How's It Hanging? How To Select Which Gripper You Need

There is a guide at the beginning of each product section (Ceiling Attachments, Midway Grippers and Attachments, Floor Attachments and Tensioners, and Railings) designed to assist in selecting which gripper is appropriate for your project based on function and weight.

By Function:



Additional installation ideas and diagrams are included in the following chapter, "Display Applications," starting on p. 6.

By Weight:

How much does what you are hanging weigh? How much weight will be suspended from each gripper? To determine the maximum weight capacity your installation can support, follow these steps:

- Step 1:** Multiple the number of cables by its suggested load rating (and then by 60% if you have multiple cables*) to determine if your weight requirements are met.
- Step 2:** If your weight capacity has been exceeded, increase the cable diameter.

For Example: -You want to hang a shelf display by 4 cables using 3/32" size cable
 -3/32" size cable has a weight load maximum of 155 lbs/cable
 -Multiply the number of cables (4 in this case) by the load rating for 3/32" cable (155 lbs) and then by 60% to get a maximum weight capacity of 372 lbs for this display.

***Why do I need to multiply by 60%?**
 This formula has been calculated based on specific load rating tests performed by Arakawa and should be complied with to ensure a safe, quality installation with our parts.