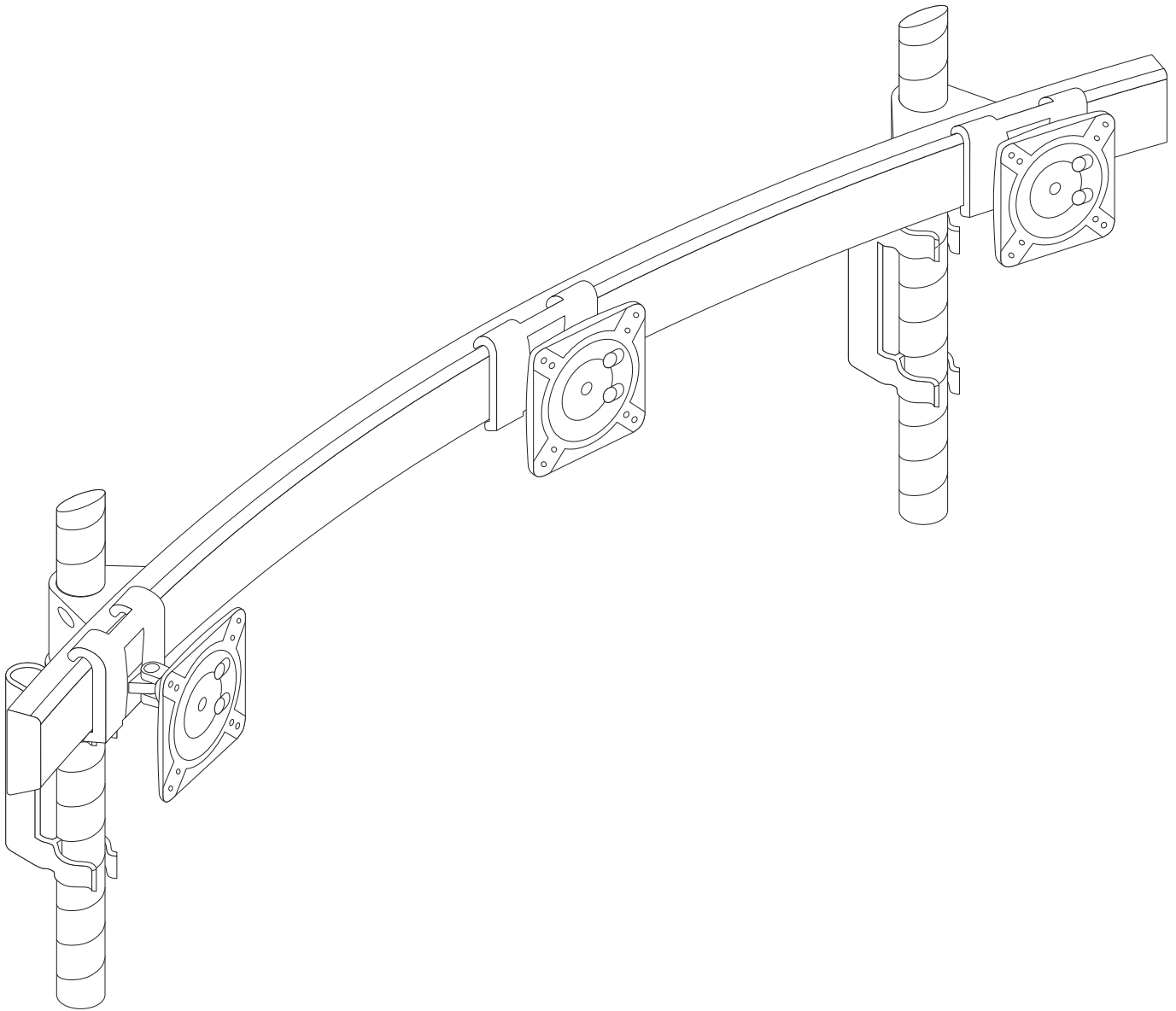


9/5/2012

Sapper Monitor Arm Collection Multiple Monitor Beam Kits Installation Instructions



Step 1: Attach Mount to Worksurface or Center Beam

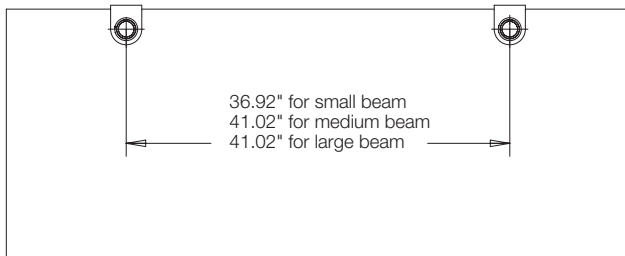
Heavy Duty Table Clamp Mount

Tools Needed

Tape measure

Determine mount locations

1. Mark distance between center of both mounts on worksurface or side of Antenna beam for placement.



Top View of Work Surface

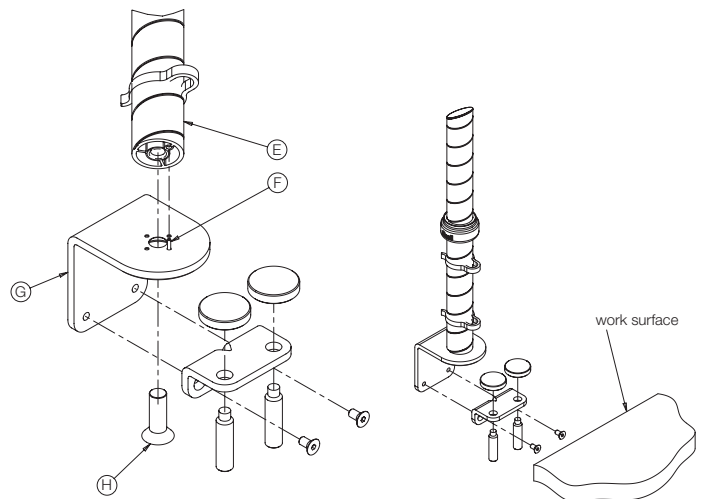
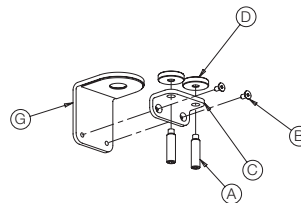
Tools Needed

Allen wrenches (in inches)

- Clamp lower to upper jaw – 5/32" (B)
- Clamp to mast – 5/16" (H)
- Clamp compression screws – 1/4" (A)

For installation on a work surface positioned against a wall or panel:

1. Remove clamp lower jaw (C), by removing both clamping screws (A) and both lower jaw mounting screws (B).
2. Assemble mast (E) to clamp upper jaw (G), by inserting the pin (F) on clamp (G) into hole in bottom of mast (E). Secure mast (E), to clamp (G), with screw (H). Tighten securely. Slide upper jaw (G) down along edge of desk surface.
3. Beneath work surface, replace lower jaw (C), by reinstalling (2) mounting screws (B), (2) clamping screws (A) and (2) pressure discs (D). Tighten both clamping screws (A) with pressure discs (D) in place on top of clamping screws (A). Do not over-tighten as this may damage the table surface.
4. Repeat for second mount.



Antenna Table Center Beam Side Mount

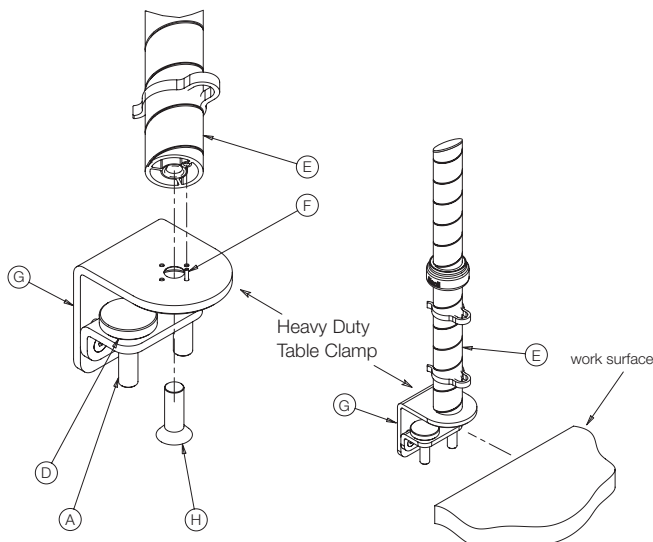
Tools Needed

Allen wrenches (in inches and mms)

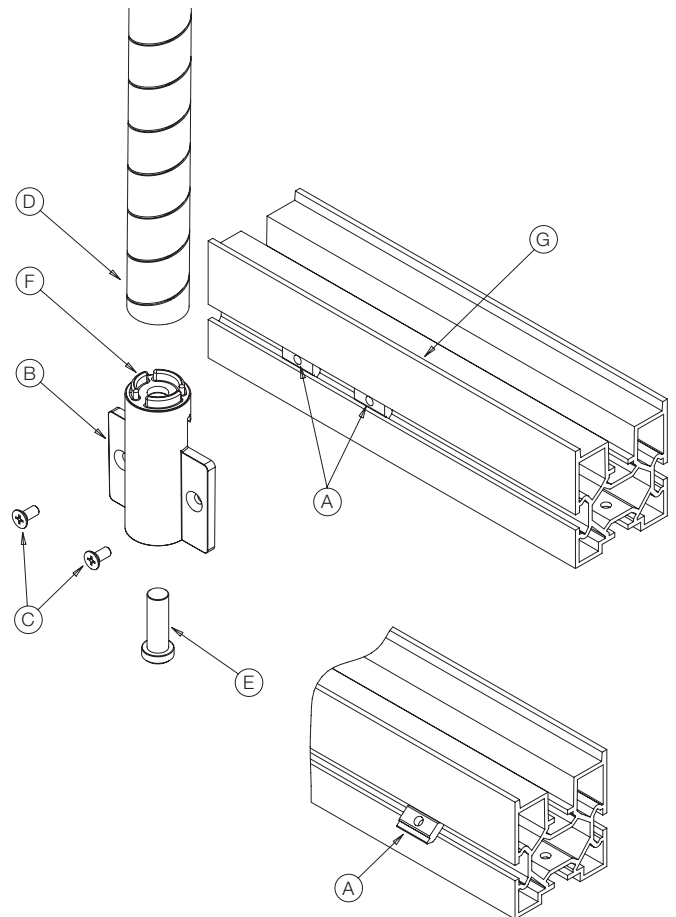
- Antenna Table Center Beam Side Mount to Mast – 1/4" (E)
- Antenna Table Center Beam Side Mount to Flex-Link Nuts – Phillips Screwdriver (C)

For installation on open edge of work surface:

1. Assemble mast (E) to clamp (G), by inserting the pin (F) on clamp (G) into hole in bottom of mast (E). Secure mast (E), to clamp (G), with screw (H). Tighten securely.
2. Slide table clamp (G) onto edge of desk surface. With pressure discs (D) in place on top of clamping screws (A), tighten both clamp screws (A). Do not over-tighten as this may damage the table surface. If clamp opening needs adjustment to accommodate thicker or thinner desk top, follow instructions to the left.
3. Repeat for second mount.



1. Assemble mast (D) to Antenna Table Center Beam Side Mount (B), by inserting the curved ribs (F) of Center Beam Side Mount (B) into voids of mast (D). Secure mast to Antenna Table Center Beam Side Mount (B) with screw (E). Tighten securely.
2. Insert (2) flex-link nuts (A) into side channel of beam of Antenna Big Table by pushing one side (long edge) down into the channel until the following edge/side drops into the channel.
3. Slide flex-link nuts (A) to desired mounting location. Assemble Antenna Table Center Beam Side Mount (B) by dropping bracket on side flange of beam (G) and securing with screws (C). Tighten securely.
4. Repeat for second mount.



Step 2: Attach Beam(s) to Masts

Single Beam Solution

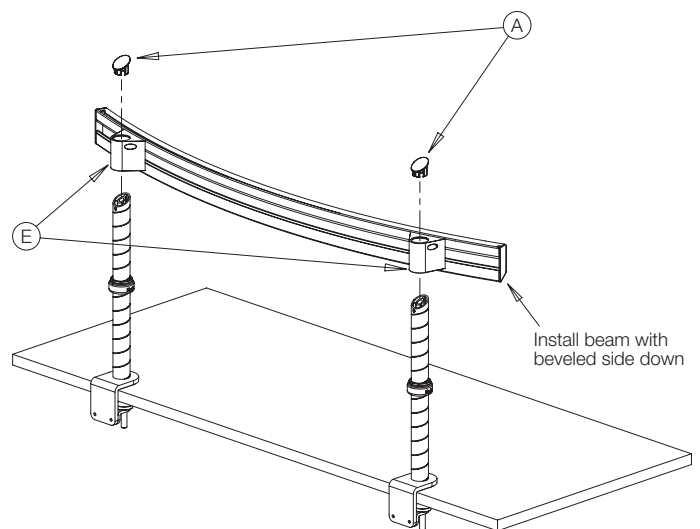
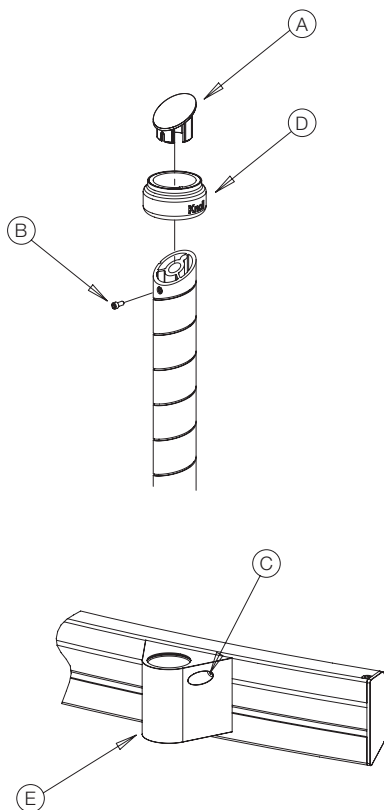
Tools Needed

Allen Wrenches (in inches)

- Mast-to-Beam Bracket – 3/16" (C)
(Included on Monitor Plate)
- Stop screws – 7/64" (B)

Tape measure

1. Remove top caps (A) and stop screws (B) from masts. Loosen screws (C) on mast-to-beam brackets.
2. Verify top and bottom of beam (bottom of mast-to-beam bracket (E) has the word "down" written on it), then install beam by sliding mast-to-beam brackets (E) onto masts.
3. Set beam to desired height by rotating adjustment knobs (D) clockwise (to lower) or counterclockwise (to raise). Measure distance between table top and adjustment knobs on both masts for accuracy.
4. Tighten loose screws on mast-to-beam brackets (C) and replace top caps (A) and stop screws (B).



Double Beam Solution

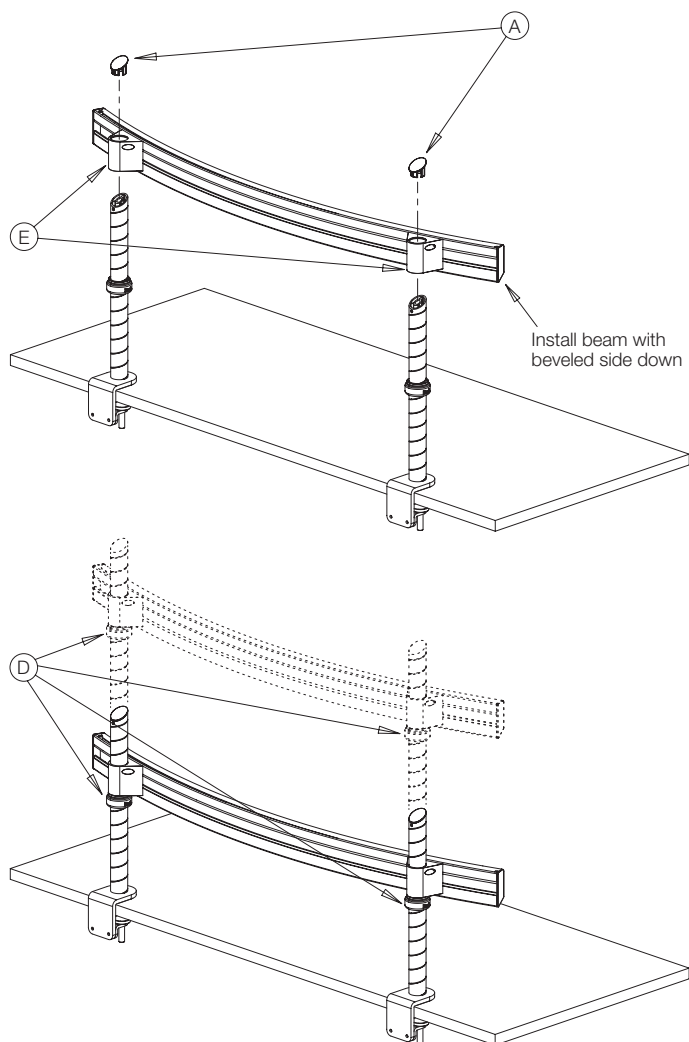
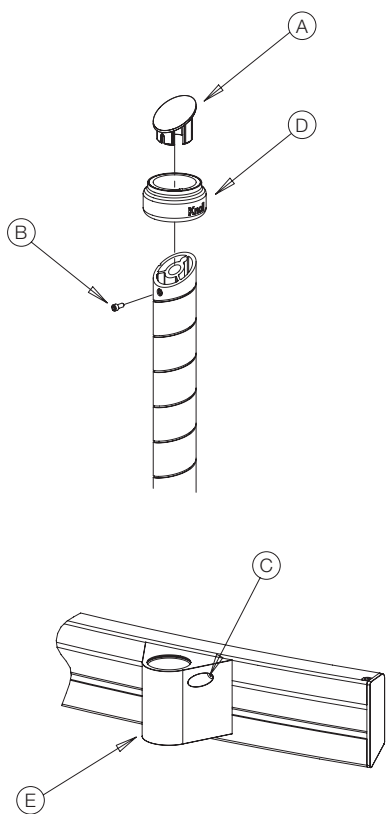
Tools Needed

Allen Wrenches (in inches)

- Mast-to-Beam Bracket – 3/16" (C)
(Included on Monitor Plate)
- Stop screws – 7/64" (B)

Tape measure

1. Remove top caps (A) and stop screws (B) from masts. Loosen screws (C) on mast-to-beam brackets.
2. Remove top layer of adjustment knobs (D) from both masts.
3. Verify top and bottom of beam (bottom of mast-to-beam bracket (E) has the word "down" written on it), then install beam by sliding mast-to-beam brackets (E) onto masts.
4. Set beam to desired height by rotating adjustment knobs (D) clockwise (to lower) or counterclockwise (to raise). Measure distance between table top and adjustment knobs on both masts for accuracy.
5. Slide second set of adjustment knobs (D) back on to masts. Then repeat steps 1 - 4.
6. Tighten loose screws on mast-to-beam brackets (C) and replace top caps (A) and stop screws (B).



Step 3: Attach Movement Joints to the Monitors

Tools Needed

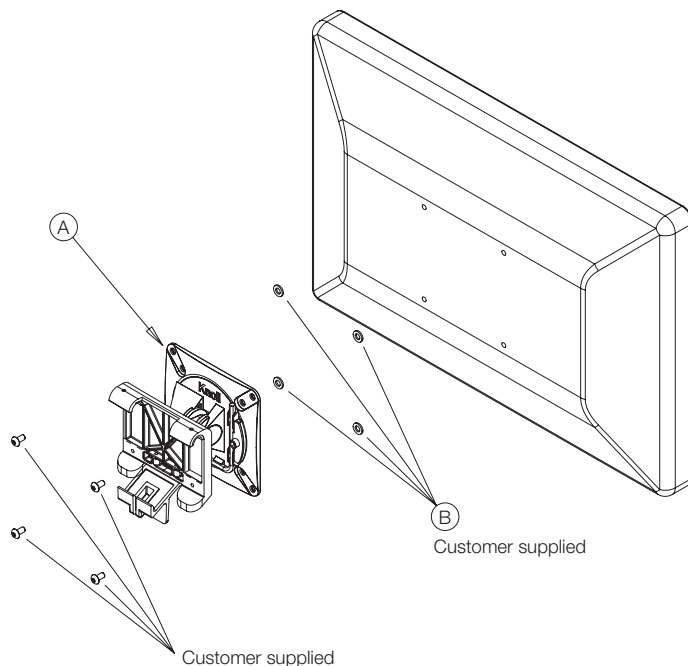
- Screwdriver and Allen wrench

1. Remove monitor base and hardware from the monitor. Retain all hardware.
2. Attach movement joint (A) against back of monitor with Knoll logo toward top of monitor using appropriate hardware. It may be easier to attach movement joint if you rotate the back of it 45°, allowing space for screwdriver.

Note: Check VESA compliancy and hole pattern on monitor or television as Knoll monitor solutions are designed to work with VESA compliant monitors only. The Knoll VESA plate can accommodate 75mm or 100mm hole patterns. Knoll movement joints do not ship with screws and are designed to accept an M4 or M5 screw; length is dependent on the specific monitor or television and screw should be tested prior to installation to ensure correct length; Knoll is not responsible for use of incorrect screws. If monitor has recessed VESA mounting

surface, spacers (C) may be required between movement joint (A) and monitor. Spacers must be requested through Knoll Customer Service.

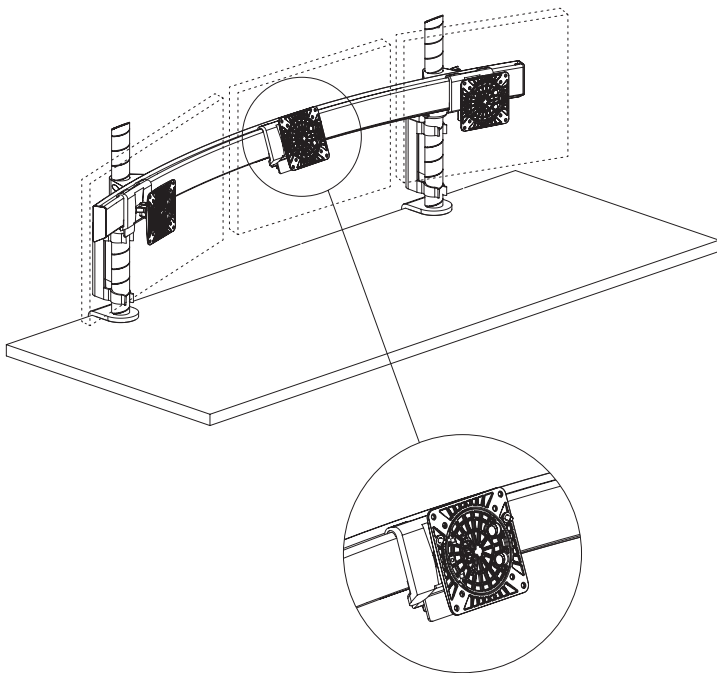
A VESA plate adaptor may be necessary for larger monitors and televisions and can be ordered separately in the sizes of 100 mm x 200mm (M5 screws), 200mm x 200mm (M6 screws), 300mm x 300mm (M8 screws) and 400mm x 400mm/400mm x 600mm (M8 screws). Adaptors ship with separate installation instructions and may require spacers. Knoll VESA plate adaptors ship with screws to attach the adaptor to the Knoll VESA plate but do not ship with screws to attach the adaptor to the monitor or television (see screw sizes listed above, English size equivalents may be needed instead); screw length is dependent on the specific monitor or television and screw should be tested prior to installation to ensure correct length, Knoll is not responsible for use of incorrect screws.



Step 4: Attach Monitor with Movement Joint Slide to Beam

1. Place top of movement joint slide on the upper end of beam.
2. Push bottom of movement joint slide onto the bottom of the beam until you hear a click.

*Note: The standard movement joint slide can hold up to 20 lbs.
The Sapper 50 movement joint slide can hold up to 50 lbs.*

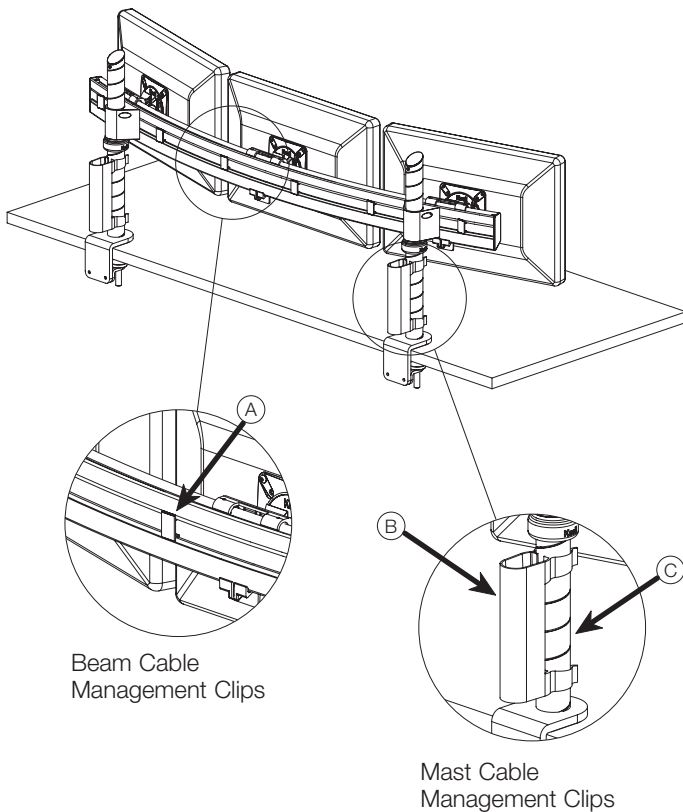


Features: Cable Management and Fast Release

Cable Management Clip(s)

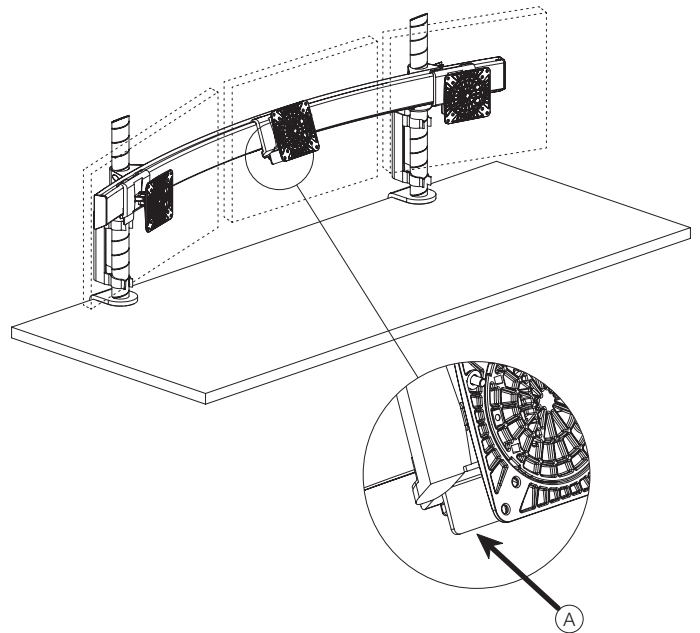
To manage cables on the back of the beam, remove beam cable management clips (A) and feed wires into space. Then replace clips on top of wires.

Run cables down mast (C) and install mast cable management clips (B), by snapping them over cables and onto mast (C). Please note there will be one mast cable management clip (B) for each mast and two clips for 32" masts.



Fast Release

1. Fast release functionality allows rapid removal of monitor and movement joint slide. Pull the bottom of the movement joint slide (A) towards you, then lift the monitor up and off.



Features: Friction Adjustment and Anti-Dislodgement

Tilt and Rotation Friction Adjustments

Tools Needed

Allen wrenches (in inches)

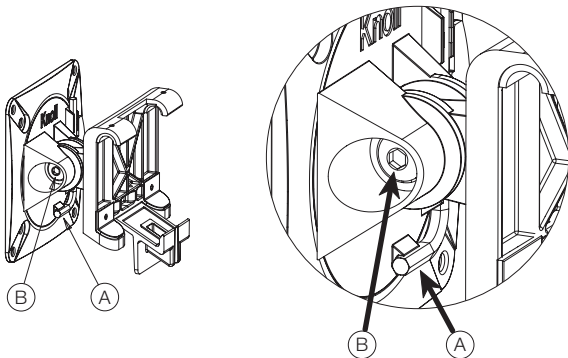
- Tilt friction – 3/16" (Included on Monitor Plate)
- Rotation friction – 3/16" (C) (Included on Monitor Plate)

Tilt friction:

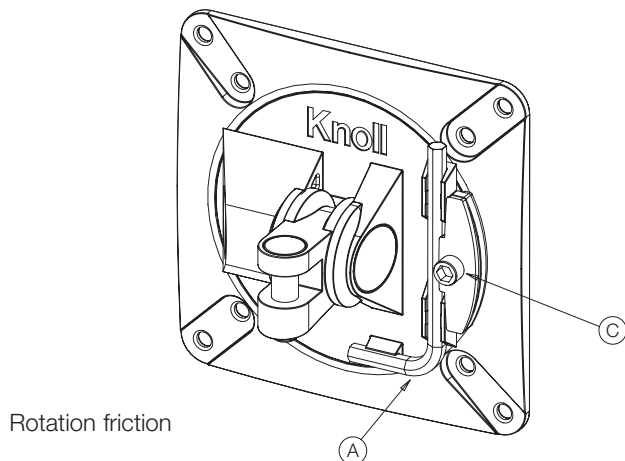
To increase friction, insert Allen wrench (included on each monitor plate) (A) into screw (B) and turn clockwise. To reduce tilt friction, turn screw (B) counterclockwise. Adjust in very small increments.

Rotation friction:

To increase friction, insert Allen wrench (A) (included on each monitor plate) into screw (C) and turn clockwise. Adjust in very small increments.



Tilt friction



Rotation friction

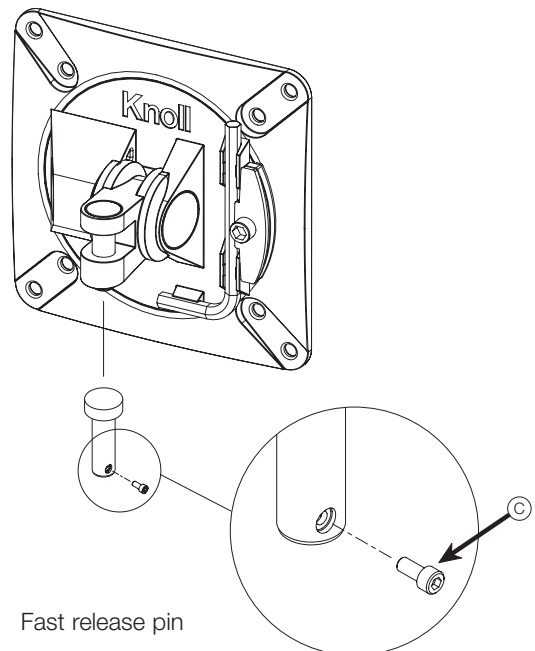
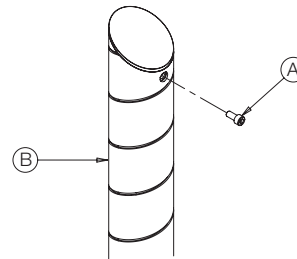
Anti-Dislodgement and Theft Deterrence

Tools Needed

Allen wrenches (in inches)

- Stop screws – 7/64" (A)
- Anti-theft – 1/16" (C)

1. The stop screw (A), at the top of the mast (B) prevents beam from being removed.
2. The beam has a fast release feature of its own within the movement joint slide which you can use by removing the fast release pin. Turn the set screw (C) counterclockwise partially out of the fast release pin for additional theft deterrence.



Fast release pin

