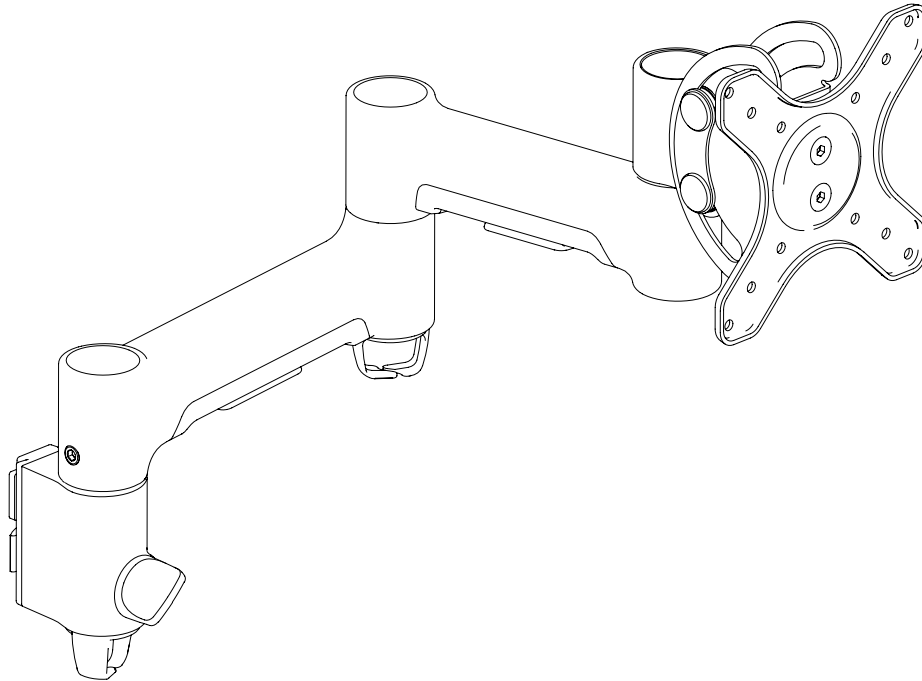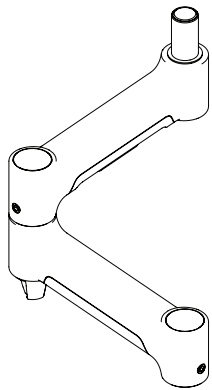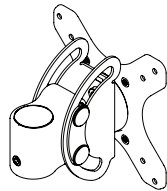# ATDEC
Infinite Mounting Possibilities

AWM 460 Arm Heavy Duty

COMPONENT CHECKLIST

A
Monitor Arm
(x1)

B
Heavy Duty Tilt Head
(x1)

C
Channel Clamp
(x1)
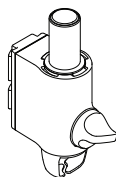
D
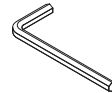Screw
M4x25mm
(x4)

E
Screw
M4x16mm
(x4)

F
Screw
M4x12mm
(x4)

G
Spacer
(x4)

H
Security
screw
(x4)

I
4mm
Hex Key
(x1)

Desk

REQUIRED TOOLS

• Phillips Head Screwdriver

WEIGHT RANGE

Flat Monitors
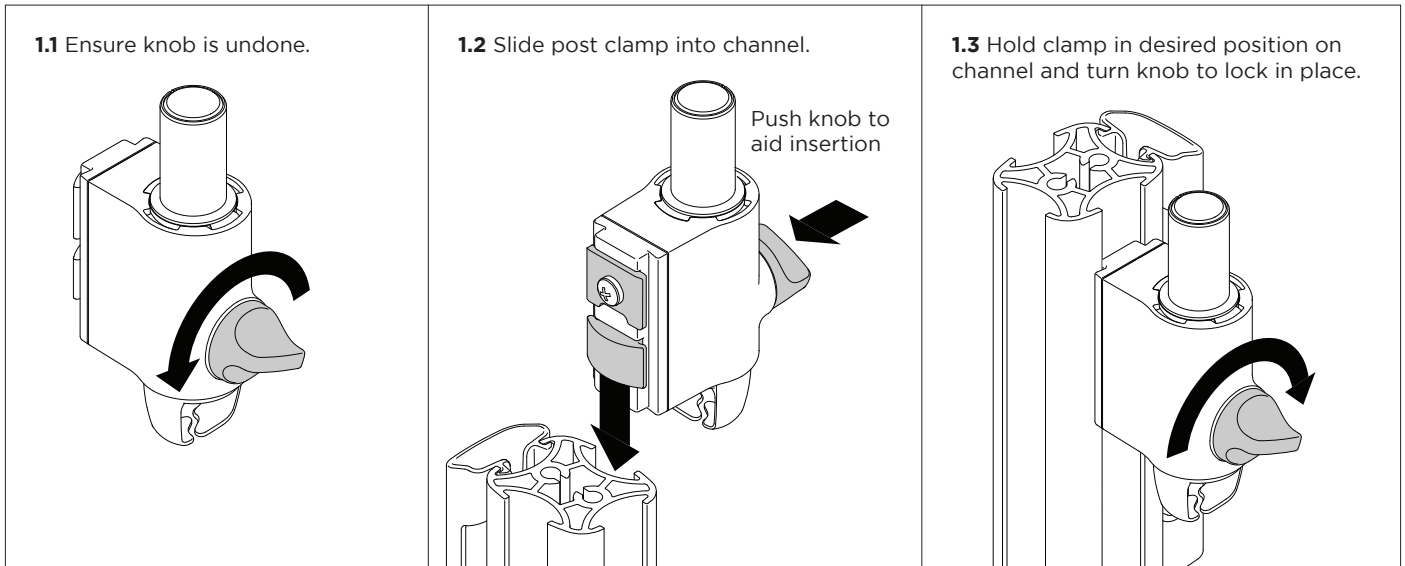0 - 14kg
(0 - 31lbs)

Curved Monitors
0 - 12kg
(0 - 26.5lbs)

Monitor weight should be within the weight range of all modular elements that make up the complete monitor mounting solution.
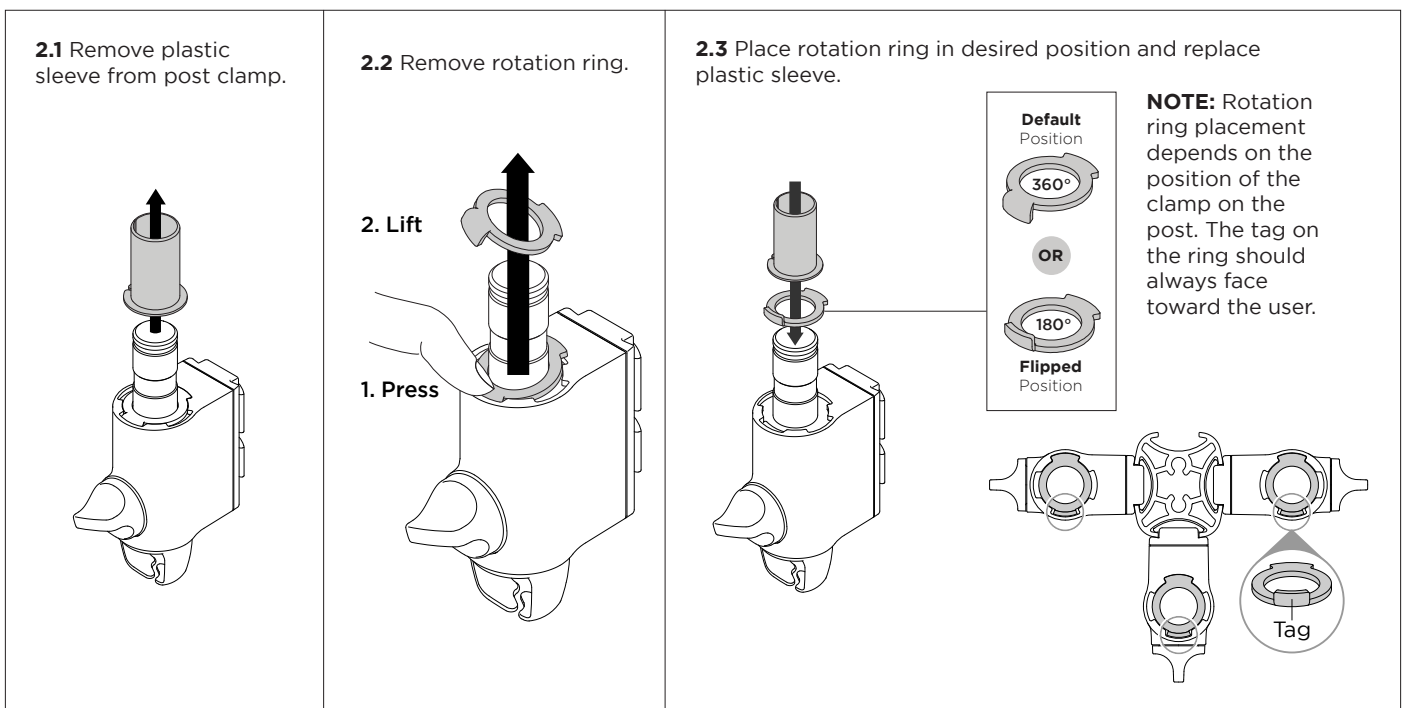
IMPORTANT INFORMATION

! **Please ensure this product is installed as per these installation instructions.**
! **Do not remove or throw away the plastic sleeve on the channel clamp and arm links.**
! The manufacturer accepts no responsibility for incorrect installation.
! This product is compatible with Atdec AWM Series products **except** the Wall Channel products (including AWM-W6 and AWM-W35)
! Curved monitors, deep devices (such as all-in-one PCs), VESA mounted accessories (such as mini PC brackets and mounts), and offset VESA locations exert additional leverage that can exceed the capacity of the mount even though the monitor weight may be within the stated range. Please contact Atdec if you would like further information.
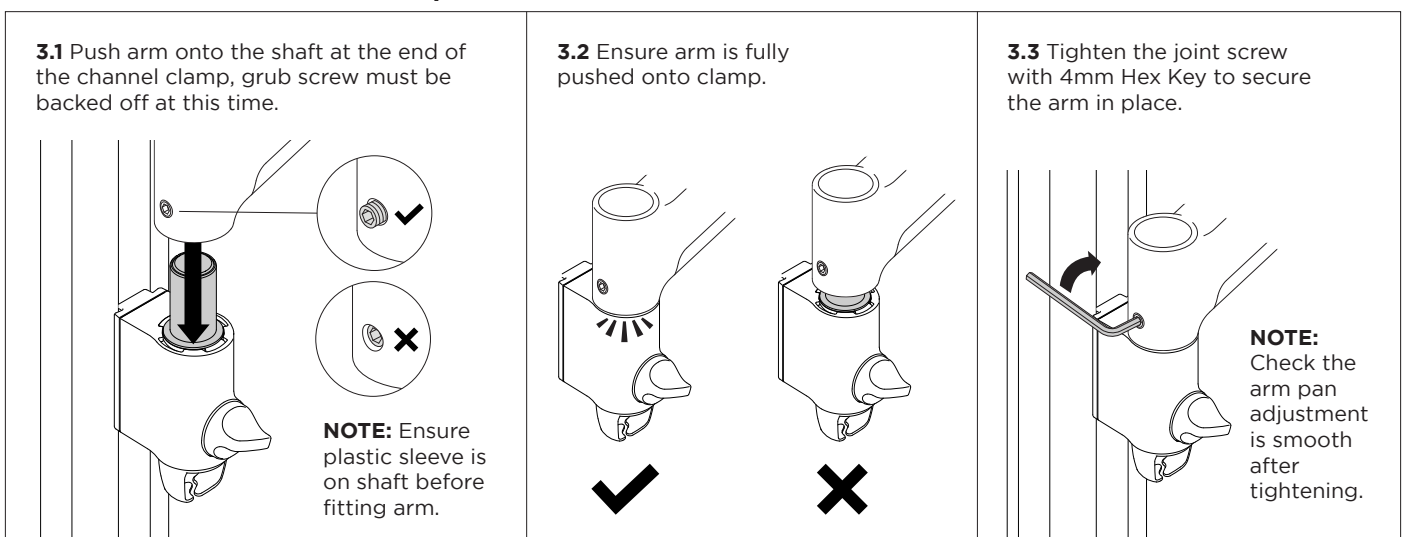
1. Fix clamp to Post

1.1 Ensure knob is undone.

1.2 Slide post clamp into channel.

Push knob to aid insertion

1.3 Hold clamp in desired position on channel and turn knob to lock in place.

2. Set arm rotation to 180° (optional)
Note rotation is set to 360 by default.

2.1 Remove plastic sleeve from post clamp.

2.2 Remove rotation ring.

2. Lift

1. Press

2.3 Place rotation ring in desired position and replace plastic sleeve.

Default Position

360°

OR

180°

Flipped Position

NOTE: Rotation ring placement depends on the position of the clamp on the post. The tag on the ring should always face toward the user.

Tag

3. Fit arm to Channel Clamp

3.1 Push arm onto the shaft at the end of the channel clamp, grub screw must be backed off at this time.

NOTE: Ensure plastic sleeve is on shaft before fitting arm.

3.2 Ensure arm is fully pushed onto clamp.

✔ ✘

3.3 Tighten the joint screw with 4mm Hex Key to secure the arm in place.

NOTE: Check the arm pan adjustment is smooth after tightening.
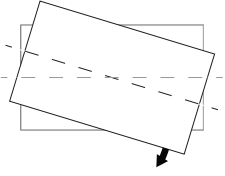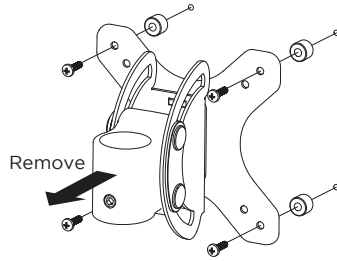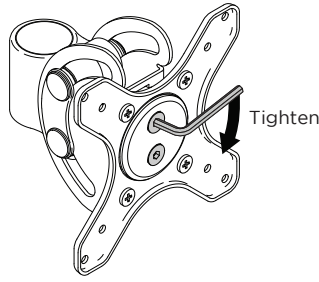
4. Adjust rotation tension (Optional)

NOTE: In most cases, monitor should balance in a level position with factory settings. If it droops to one side follow these steps to adjust the rotation tension.
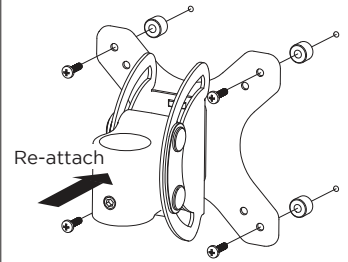

4.1 Remove VESA head from monitor.

Remove

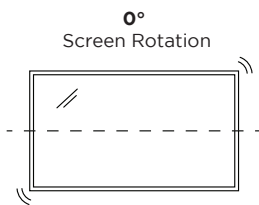**4.2** Tighten the two screws on the front of the VESA plate using 4mm Hex Key.

Tighten

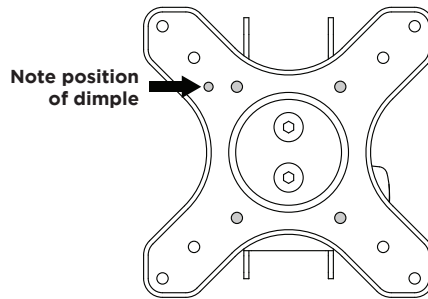**4.3** Re-attach VESA head to monitor as per **Step 6.**

Re-attach

5. Lock monitor rotation (Optional)
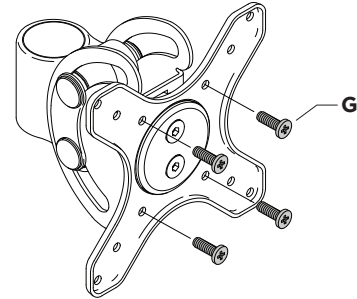
OPTIONAL To lock monitor rotation screw the four M5x16 screws into the four holes on the front of the VESA Head.

0°
Screen Rotation

5.1 Ensure VESA Plate is in this orientation before installing screws.
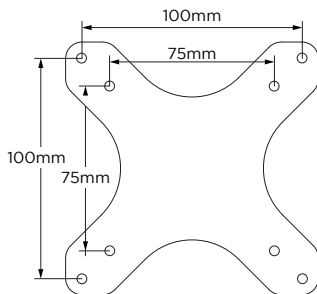
Note position of dimple

5.2 Install the four Rotation Security Screws **G** into the front of the VESA Head

G

6. Attach VESA head to monitor

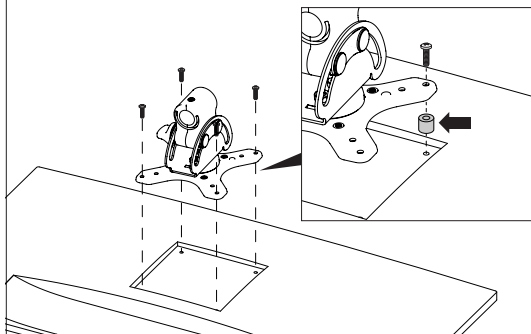**6.1** Check VESA mounting compatibility
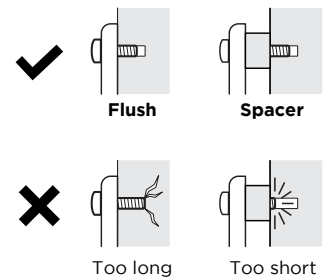

100mm

75mm

100mm

75mm

NOTE: For other sizes, use a suitable adaptor plate (sold separately).

6.2 Attach VESA head onto monitor with provided screws.

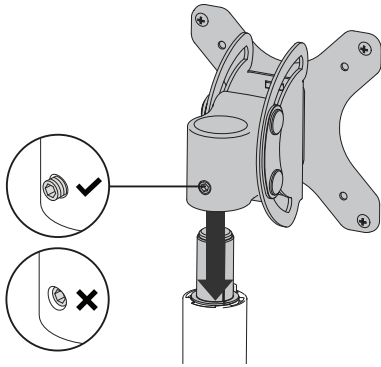**NOTE:** Spacers may be required for curved, recessed or uneven monitor surfaces.

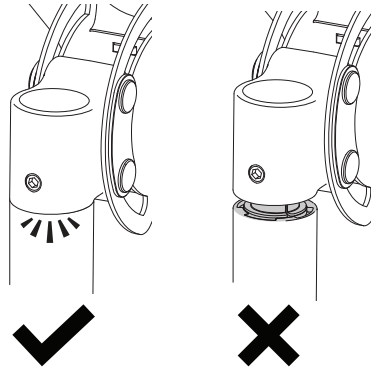**NOTE:** be sure to use a screw length that suits the monitor.

Flush   **Spacer**

Too long   Too short

7. Mount monitor onto arm

7.1 Push tilt head onto the shaft at the end of the monitor arm, grub screw must be backed off at this time.
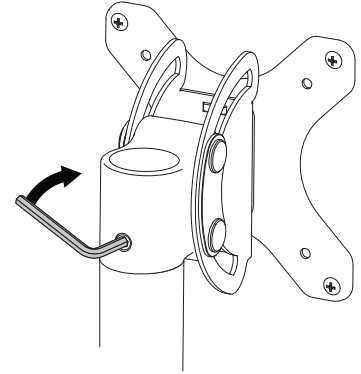
NOTE: Ensure plastic sleeve is on shaft before fitting tilt head.

7.2 Ensure tilt head is fully pushed onto shaft.

7.3 Tighten the joint screw with 4mm Hex Key to secure the tilt head and monitor in place.
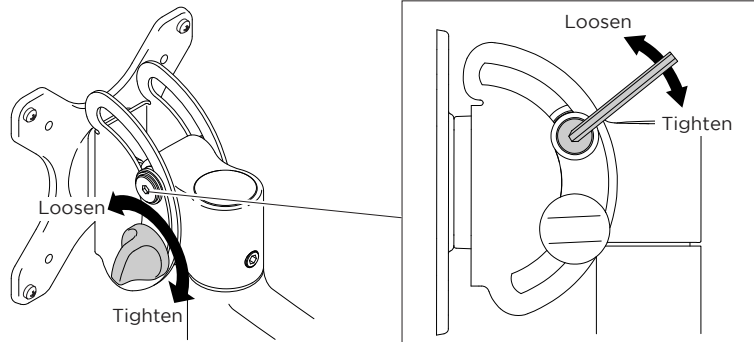
NOTE: Check the head pan adjustment is smooth after tightening.

8. Adjust tilt tension

8.1 Use the knob to tighten and loosen the tilt tension to suit your monitor weight.

NOTE: Always support the monitor whilst adjusting to prevent it from falling forward sharply.

Loosen

Tighten

Loosen

Tighten

IMPORTANT
If extra tilt tension is required for your monitor, use 4mm Hex Key to tighten second tilt screw.

9. Monitor arm cable management

9.1 Plug cables into the monitor and route the cables down the arm using the cable hooks and clips

Push cables into hook flaps

Push

Ensure enough cable slack is given to allow for movement of the monitor