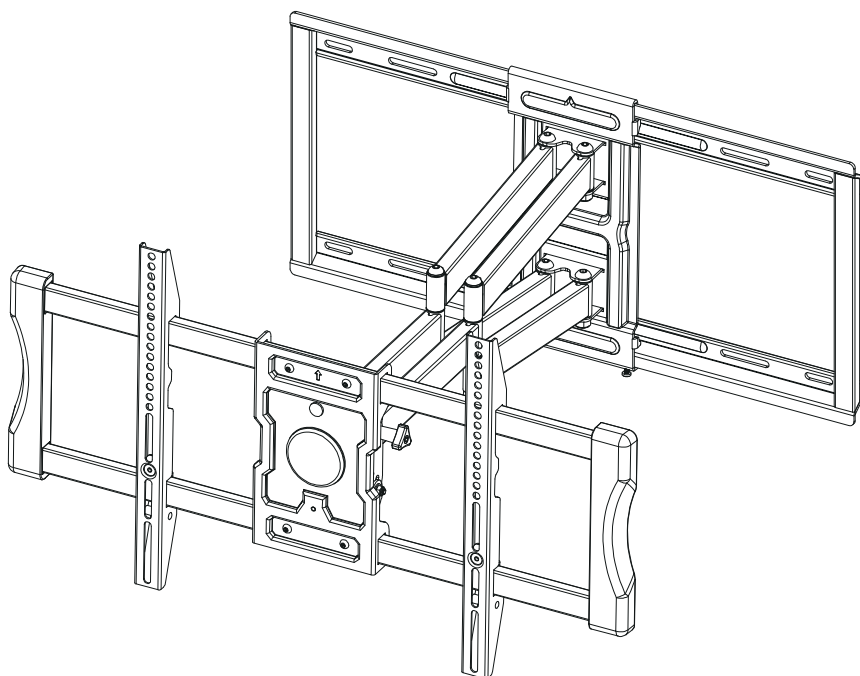




PERLESMITH

# TV Wall Mount Instruction Manual

V2.0



**Model:PSLF6**



Website:  
[www.perlesmith.com](http://www.perlesmith.com)

Thank you for choosing this Perlesmith product! At Perlesmith we strive to provide you with the best quality products and services in the industry. Please share your experience of our product with others at [www.perlesmith.com/pages/reviews](http://www.perlesmith.com/pages/reviews) if you are satisfied. Should you have any issues, please don't hesitate to contact us.

Technical Support:  
1-800-556-6806 Mon-Fri 10am – 5pm (PST) (USA) (CAN)  
Other Info:  
[supportus@perlesmith.com](mailto:supportus@perlesmith.com) (US)  
[supportca@perlesmith.com](mailto:supportca@perlesmith.com) (CA)

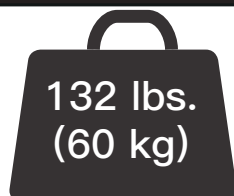
## IMPORTANT SAFETY INFORMATION

Please carefully read all instructions before attempting installation. If you do not understand the instructions or have any concerns or questions, please contact our Technical Support line at 1-800-556-6806 or customer service at supportus@perlesmith.com (US)/supportca@perlesmith.com (CA)

**CAUTION:** Avoid potential personal injuries and property damage!

- Do not use this product for any purpose that is not explicitly specified in this manual. Do not exceed weight capacity. We are not liable for damage or injury caused by improper mounting, incorrect assembly or inappropriate use.
- This product is designed for use in wood stud, solid concrete, concrete block brick walls – DO NOT install into drywall alone.
- The wall must be capable of supporting five times the weight of the TV and mount combined.

## Weight Restrictions



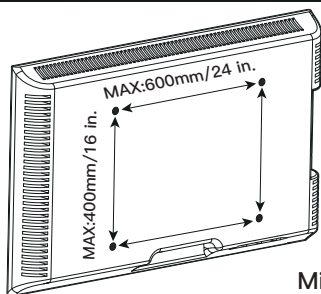
If your TV weighs more, this mount is NOT compatible.



### WARNING

DO NOT exceed the maximum weight indicated. This mounting system is intended for use only within the maximum weights indicated. Use with products heavier than the maximum weights indicated may result in failure of the mount and its accessories, causing possible damage and or injury.

## Check the VESA Pattern of Your TV before the Installation




100 mm  $\approx$  4 in.  
200 mm  $\approx$  7 7/8 in.  
300 mm  $\approx$  11 3/4 in.  
400 mm  $\approx$  15 3/4 in.  
600 mm  $\approx$  23 6/10 in.

Minimum VESA pattern: 200mm/8 in.(W)x100mm/4 in.(H)

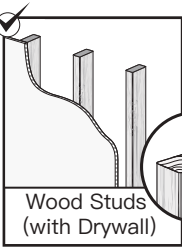
If your TV VESA is greater than 600x400 mm/24x16 in. or less than VESA 200x100mm/8x4in., this mount is NOT compatible.

If this mount is NOT compatible, please contact customer service at supportus@perlesmith.com (US)/supportca@perlesmith.com (CA) to find a compatible mount.

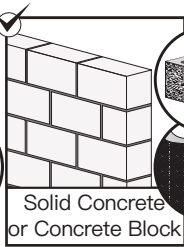
# Verify Your Wall Construction

**CAUTION**

DO NOT install into drywall alone




Wood Studs (with Drywall)




Solid Concrete or Concrete Block

If you are not sure the wall construction, please contact our product support line at 1-800-556-6806 or customer service at supportus@perlesmith.com (US) supportca@perlesmith.com (CA)


## Tools Needed (Not Included)



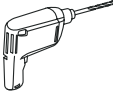
Stud Finder




Tape Measure




Pencil




Drill



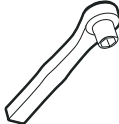
Hammer




7/32 in.(5.5 mm)  
Wood Drill




3/8 in.(10mm)  
Concrete Drill



1/2 in.(13mm)  
Socket Wrench




Phillips Screwdriver



Awl

## Supplied Parts and Hardware


**Warning:**This product contains small items that could be a choking hazard if swallowed.

Before starting assembly, verify all parts are included and undamaged. Do not use damaged or defective parts. If you require replacement parts, contact our Product Support line at 1-800-556-6806 or customer service at supportus@perlesmith.com (US)/supportca@perlesmith.com (CA)

• Please note: Not all hardware included in this package will be used.

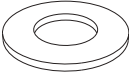
## Supplied Parts and Hardware for Step 1

The TV brackets are attached to the arm assembly/ wall plate with plastic cable ties




TV Bracket  
**03** x2

**05** Washer




M6/M8  
**[B]** x4

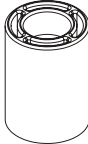
**06** Spacers [if needed]



L2.5mm  
**[C1]** x8



L10mm  
**[C2]** x4



L22mm  
**[C3]** x4

## 07 TV Bolts [Only one bolt size fits your TV]

**Note:** The bolts are shown in accordance with the actual size

### M6

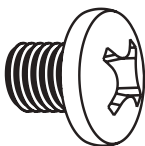


M6 x 15mm  
[D1] x4

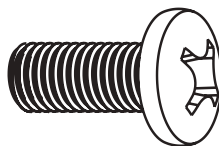


M6 x 35mm  
[D2] x4

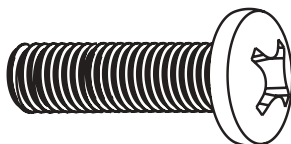
### M8



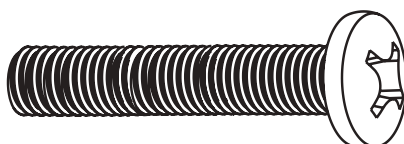
M8 x 15mm  
[E1] x4



M8 x 25mm  
[E2] x4

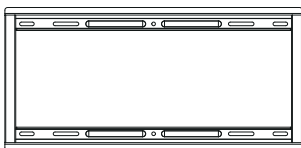


M8 x 35mm  
[E3] x4

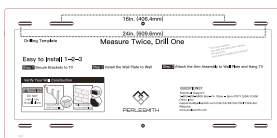


M8 x 50mm  
[E4] x4

## Supplied Parts and Hardware for Step 2



Wall Plate  
**01** x1



Wall Plate Template  
**04** x1



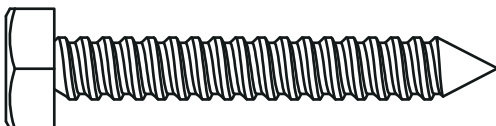
Level  
x1

**Note:** The lag screw is shown in accordance with the actual size

**A1**

x6

Lag Screw  
M8x65mm



**A2** x6

Washer  
M8



**A3** x6

Wall  
Anchor

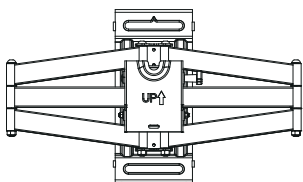


**CAUTION!**

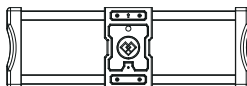
These anchors are for  
concrete or brick walls  
**ONLY**. DO NOT use them  
in drywall or wood studs.



## Supplied Parts and Hardware for Step 3 to Step 6



Arm Assembly  
**02** x1



Front Support  
**08** x1



Bolt  
[F1] x2



Bolt  
[F2] x1



Allen Key  
x1

## Step 1 Secure the TV Brackets to TV

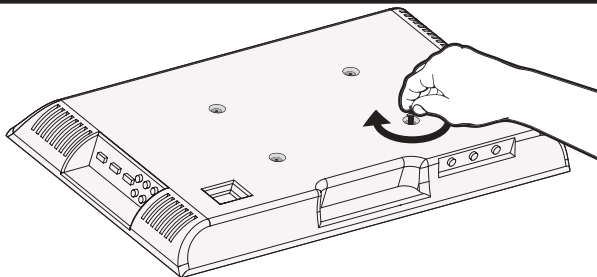
### Select TV Bolts

Only one bolt size fits your TV.

M6



M8



Bolt length: Verify adequate thread engagement with bolts or bolts/spacers combination.  
We recommend thread engagement by at least 5 turns.

–Too short will not hold the TV.

–Too long will damage the TV.



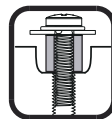
Too Short



Too Long

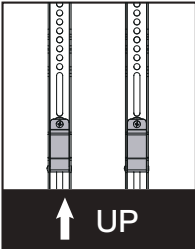
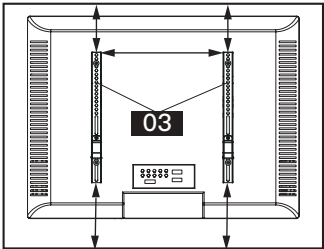


Correct



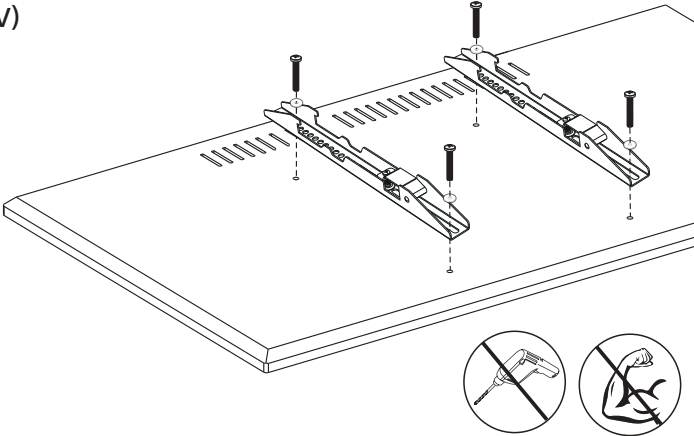
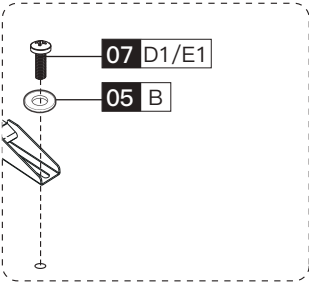
Correct

Note: If necessary, the spacers can be used in multi-layer. If the installation fails after trying various methods, please contact customer service at supportus@perlesmith.com (US)/supportca@perlesmith.com (CA)

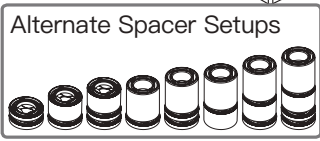
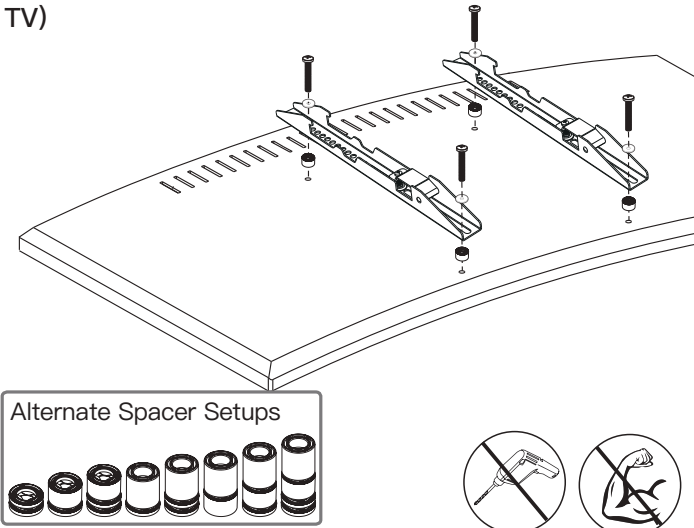
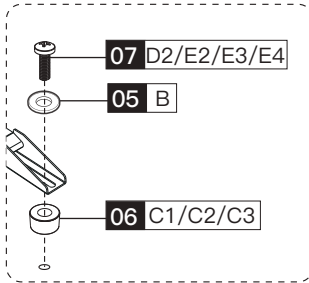


**⚠ CAUTION:** Ensure the TV brackets [03] are **EQUALLY CENTERED** on your TV **AND** securely fastened in place.

**Option A (For Flat Back TV)**

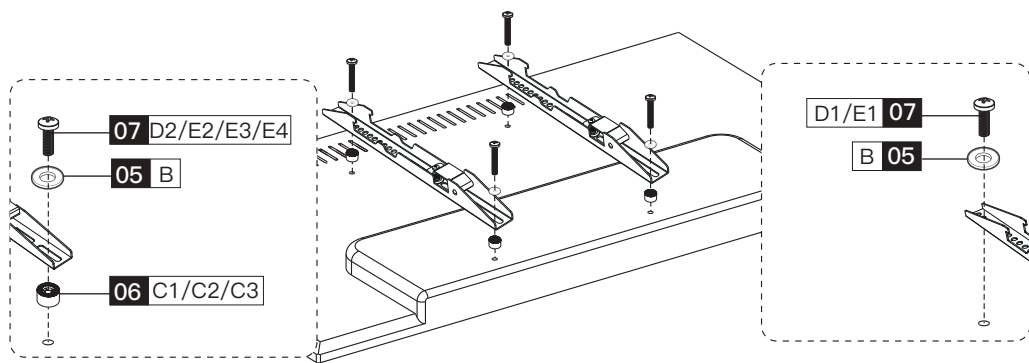


**Option B (For Round Back TV)**



## Option C (For TV with A “Bump”)

Spacers may be necessary for 2 holes ONLY.

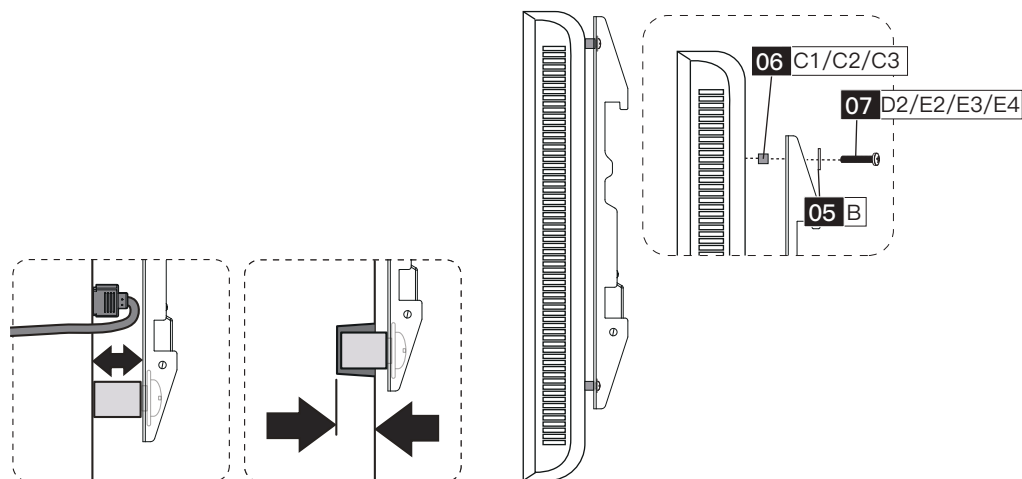


### Alternate Spacer Setups



## Option D

For cable interference or inset holes, use spacers [06] to create extra space between the TV and TV brackets



### Alternate Spacer Setups



## Step 2 Attach the Wall Plate [01] to Wall

For wood stud installation, follow STEP 2A

For concrete installation, follow STEP 2B

### Step 2A Wood Stud Option

#### ⚠ WARNING:

● Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the wall plate.

● DONOT USE ANCHOR [A3] FOR THIS STEP!

● Ensure the wall plate [01] is securely fastened to the wall before continuing to the next step.

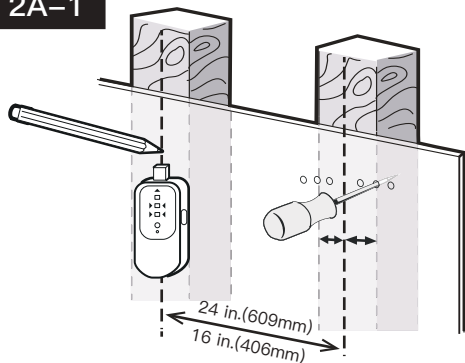
● Any material covering the wall must not exceed 5/8 in. (16 mm)

● Nominal wood stud size: common 2 x 4 in. (51 x 102 mm) minimum 1½ x 3½ in. (38 x 89 mm)

● Stud center must be verified



#### 2A-1

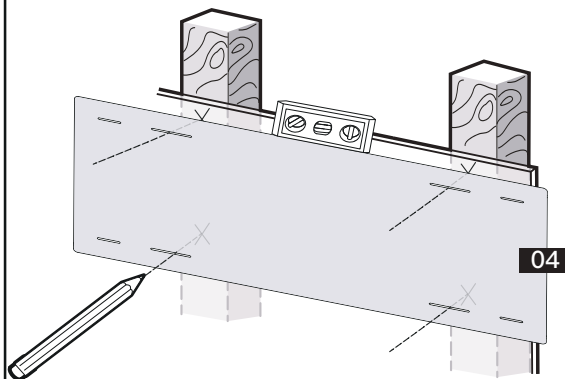


Use a stud finder(not included) to locate wood studs or use an awl (not included) to verify the edges. Mark the edge and center locations.



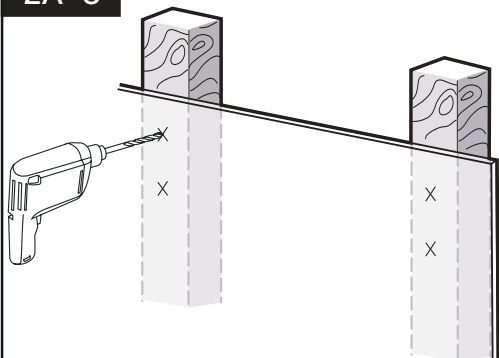
Awl  
(Not Included)

#### 2A-2

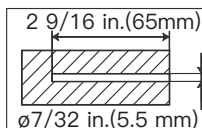


Position the wall plate template [04] at your desired height and line up the holes with your stud center line. Level the wall plate template [04] and mark the holes.

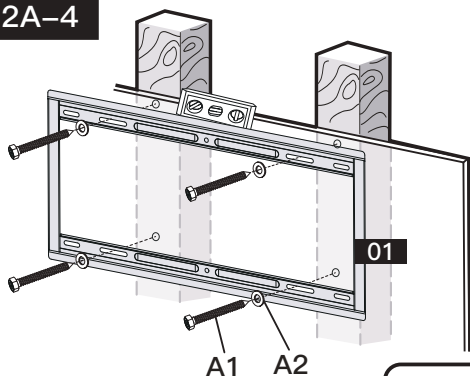
## 2A-3



Drill 4 pilot holes using a 7/32 in.(5.5 mm) diameter drill bit. Make sure the depth is not less than 2 9/16 in.(65mm).



## 2A-4



Install the wall plate using lag screws [A1] and washer [A2]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the wall plate.



You may need assistance with this step.



1/2 in.(13mm)  
Socket Wrench  
(Not included)

## Step 2B Solid Concrete or Concrete Block Option

### ⚠ WARNING:

● Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the wall plate.

● Ensure the wall plate [01] is securely fastened to the wall before continuing to the next step.

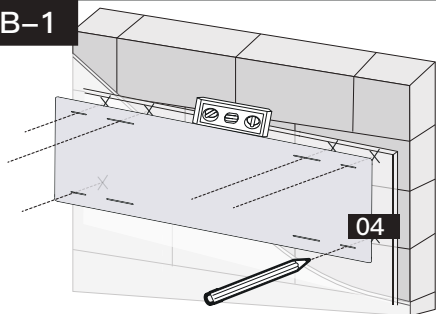
- Any material covering the wall must not exceed 5/8 in. (16 mm)
- Mount the wall plate directly onto the concrete surface
- Minimum solid concrete thickness: 203 mm (8 in.)
- Minimum concrete block size: 203 x 203 x 406 mm (8 x 8 x 16 in.)
- Never drill into the mortar between blocks



Wall  
Anchor

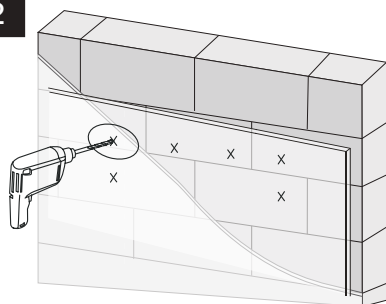
A3

2B-1

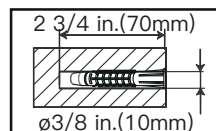


Position the wall plate template [04] at your desired height, level the wall plate template and mark the pilot hole locations.

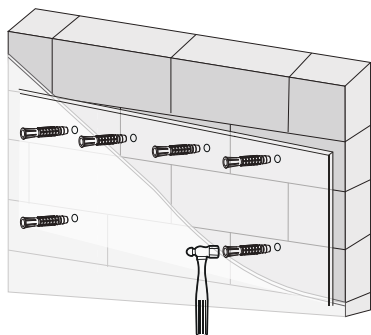
2B-2



Drill 6 pilot holes using a 3/8 in.(10mm)diameter drill bit. Make sure the depth is not less than 2 3/4 in.(70mm). Never drill into the mortar between blocks.

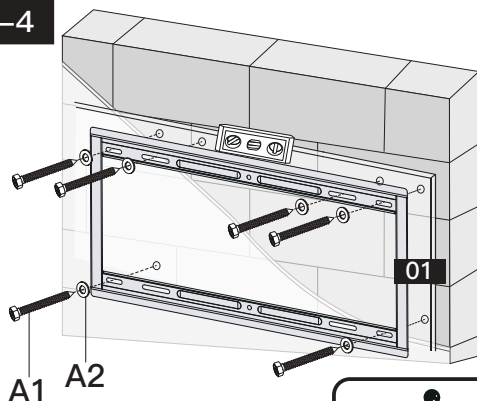


2B-3

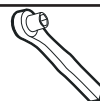


Use the hammer to knock anchors [A3] into the wall. Be sure the anchors [A3] are seated flush with the concrete surface.

2B-4



Install wall plate using lag screws [A1], washers [A2] and anchors [A3]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the wall plate. DO NOT over-tighten the lag screws [A1].



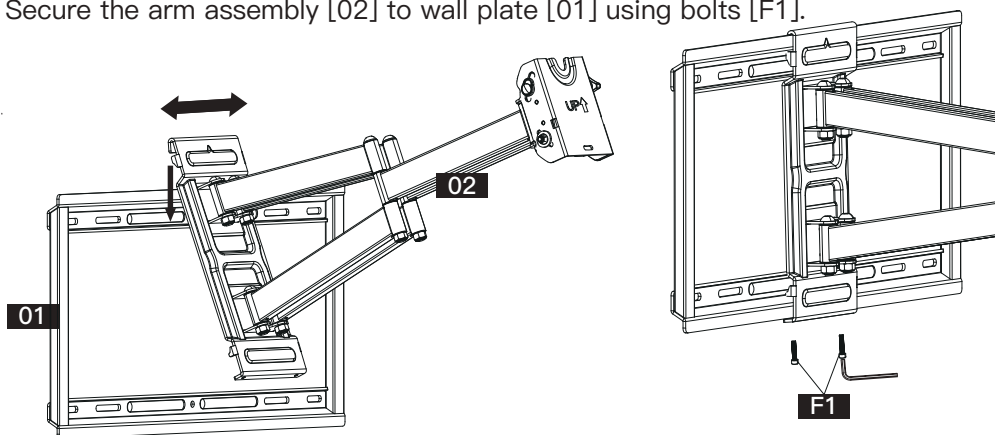
1/2 in.(13mm)  
Socket Wrench  
(Not included)



You may need assistance with this step.

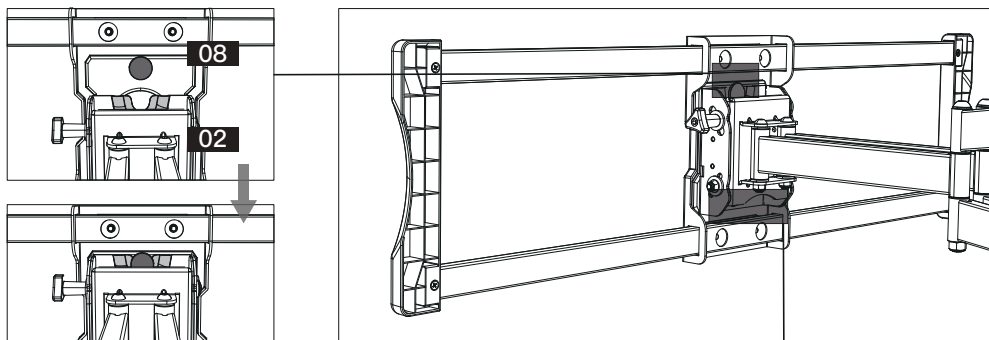
### Step 3 Secure the Arm Assembly [02] to Wall Plate [01]

1. Hang the arm assembly [02] to wall plate [01].
2. Shift the arm assembly [02] along the wall plate [01] to your desired position.
3. Secure the arm assembly [02] to wall plate [01] using bolts [F1].



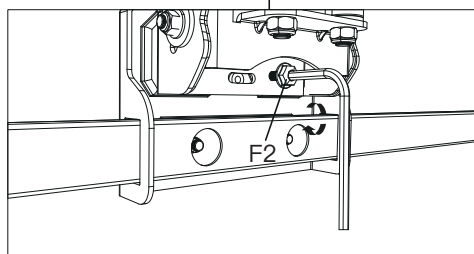
Note: The bolts [F1] need to be tightened hard.

### Step 4 Secure Front Support to Arm Assembly



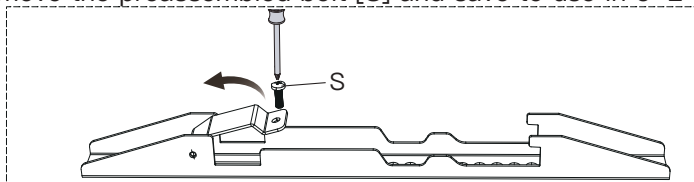
1. Make sure the big button in Front Support [08] hangs on the hook of the arm assembly.

2. Secure the front support [08] to arm assembly [02] using bolts [F2].

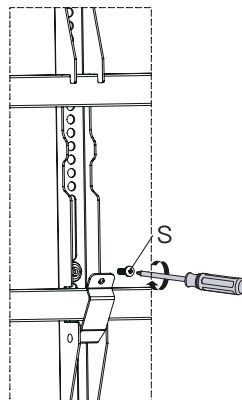
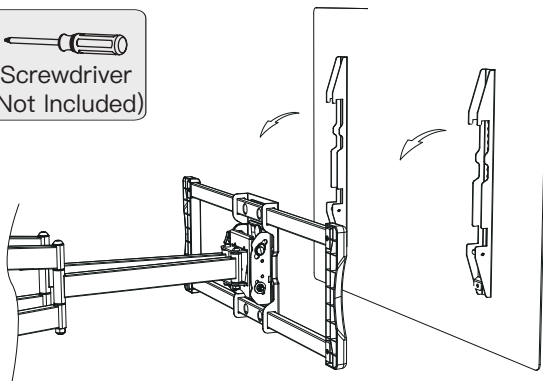
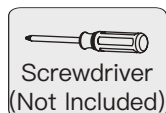


## Step 5 Hang the TV onto the Front Support

**5-1** Remove the preassembled bolt [S] and save to use in 5-2



**5-2** Hang the TV with brackets [03] onto the front support [08]



**HEAVY!** You may need assistance with this step.

Press the safety locks down, then fasten the removed bolts [S]

## Step 6 Adjustments

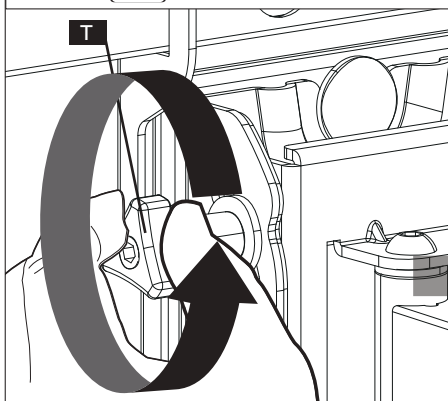


1. Loosen the preassembled knob [T].
2. Adjust TV to your desired tilt angle.
3. Tighten the preassembled knob [T] to secure the TV in place.



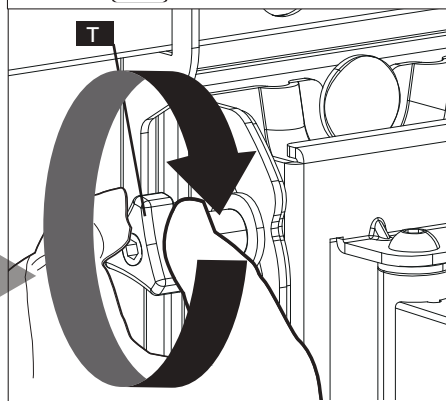
**Loosen**

**T**



**Tighten**

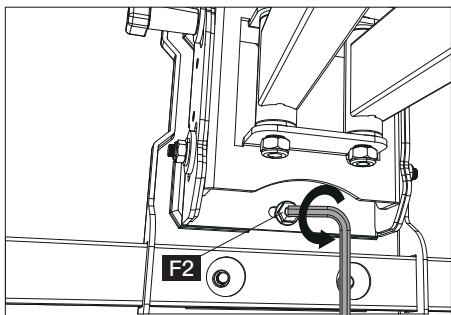
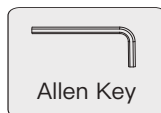
**T**



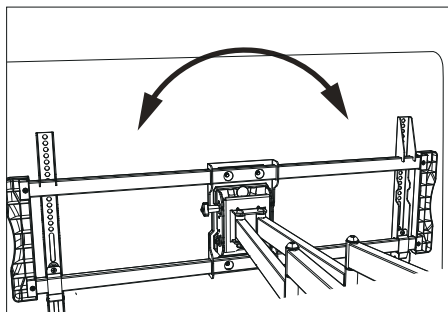


**⚠ CAUTION!**

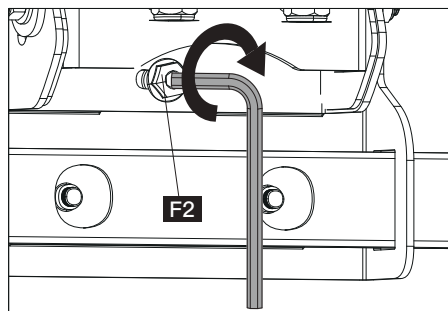
DO NOT over-loosen these four nuts when adjusting the level angle to prevent the TV from falling off.



1.Loosen the bolt [F2] .



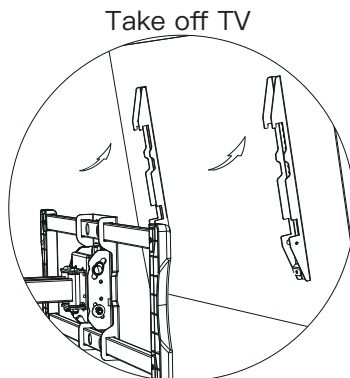
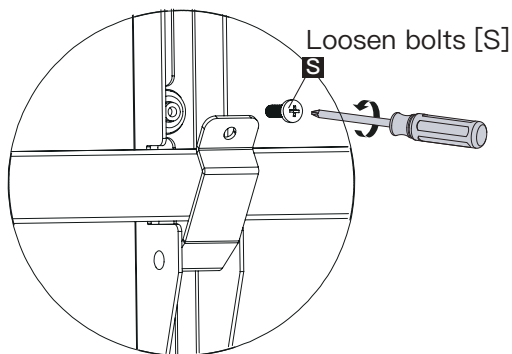
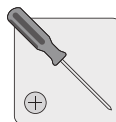
2.Level your TV.



3.Tighten the bolt [F2] to secure the TV in place.

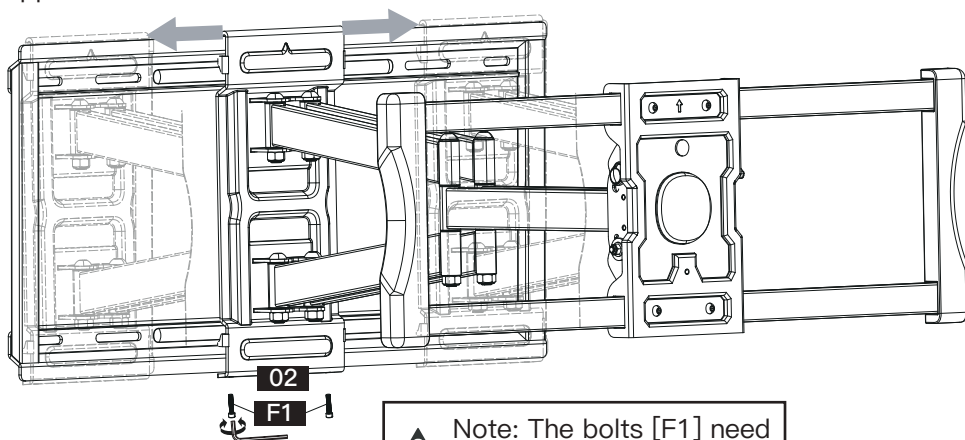


**Note:** Please take off the TV before shifting the arm assmebly along the wall plate



To better position your mount and TV on your wall, the mount can be horizontal shifted left to right by following these steps.

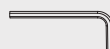
1. Loosen the bolts [F1].
2. Shift the arm assembly [02] to your desired position.
3. Tighten the bolts [F1] hard.
4. Repeat the procedures in Step 5 to rehang and secure the TV onto the front support[08].



**Note:** The bolts [F1] need to be tightened hard.

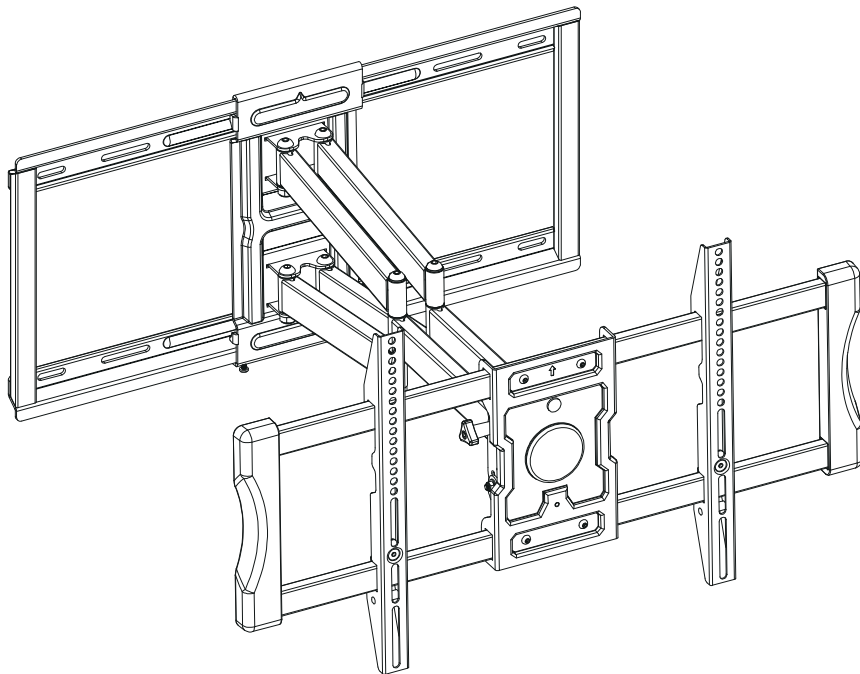


**HEAVY!** You may need assistance with this step.



Allen Key

# Thank you again for choosing this Perlesmith product!



All of us at Perlesmith do appreciate your product purchase. We hope that you are as happy with your product as we designing and manufacturing it for you. We strive to provide you with the best quality products and services in the industry. Please share your experience of our product with others at [www.perlesmith.com/pages/reviews](http://www.perlesmith.com/pages/reviews) if you are satisfied. If you have any questions please don't hesitate to contact us at

**Technical Support:**

1-800-556-6806 Mon-Fri 10am – 5pm (PST) (USA) (CAN)

**Other Info:**

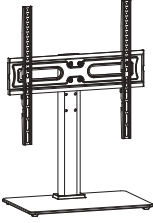
[supportus@perlesmith.com](mailto:supportus@perlesmith.com) (US)  
[supportca@perlesmith.com](mailto:supportca@perlesmith.com) (CA)

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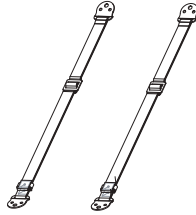
[www.perlesmith.com](http://www.perlesmith.com)

for more products and  
company information.

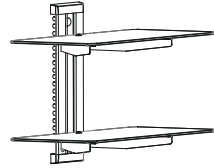
# Perlesmith offers products in these categories



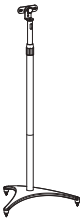
TV Stands



Anti-tip Straps



AV Shelves



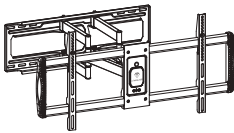
Speaker Stands



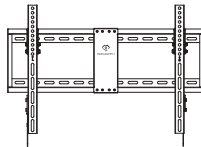
PERLESMITH



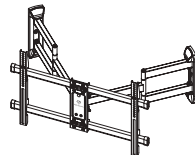
TV Carts



Full Motion Mounts



Tilt Mounts



Corner Mounts

Please remember us when you need one.