

FLOATING SHELF INSTALLATION GUIDE



These are general instructions for installing floating wall shelves. Larger shelves may require two people to hold and install.

For installing brackets or shelves into tile, brick, or extra thick dry wall, see below for further recommendations.

RECOMMENDED TOOLS:

- 7/16" Wrench or Socket (*we caution against using an impact driver/drill as this can strip bolts*)
- Level
- Electric Drill
- Pencil & Masking Tape
- Lag Bolts (*intended for installation into wall studs.*)
- Toggle Bolts (for installation into drywall, no wall studs)
- Electronic stud finder - not necessary, but helpful

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1. EXAMINE WALL

Before beginning installation, check that wall is even and plumb by using a long level. Checking in advance helps ensure even, level shelves.

DETERMINE SHELF PLACEMENT

Tape horizontally along the wall, spanning the length of metal shelf. Using a level, mark a level line along the tape.

2. MARK HOLE LOCATIONS

Using the shelf as a guide (or hole placement diagram), mark hole placement along the level line.

Some holes may line up with wall studs, while other holes may hit only drywall.

3. PRE-DRILL HOLES

For lag bolts, pre-drill a 3/16" hole where the level line and studs intersect. This makes it easier to install bolts and reduces the likelihood of bolt head breaking.

For toggle bolts, pre-drill a 5/8 " hole.

5. REMOVE TAPE

Remove tape from the wall. The pre-drilled holes will be remaining

6. INSTALL SHELF

Using a wrench or socket, install the shelves with the provided bolts into pre-drilled holes. *Be sure not to over tighten as this may cause any bolt head to break.

[Toggle Bolt Installation Video](#)

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ALTERNATIVE INSTALLATIONS:

BACKSPLASH TILE

To install brackets onto tile we suggest pre-drilling the tile with a 5/16" masonry drill bit (*also called diamond drill bit*).

Drill through tile but not through the wall stud. Then install the shelf using provided lag bolts or XL lag bolts for thick walls and tile.

If studs are not an option, follow the directions using XL toggle bolts with the guidelines above.

BRICK OR CONCRETE INSTALLATION:

To install onto brick, concrete or any other solid masonry surface, pre-drill a 1/4" hole in the brick/mortar with a masonry drill bit.

Then install brackets with special [masonry bolts](#).

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TROUBLESHOOTING:

While not common, it is possible for shelves to be uneven after install. This is not a flaw in the shelf but can happen with uneven walls.







Walls may be out of plumb and have little "bumps" from drywall seams, repairs, tile, or wallpaper, etc.

Even a minor seam will be magnified the farther something is away from a wall, like a shelf. (imagine an acute angle that widens as it project from the point).

This is very common in construction and there are some ways to address it.

The most common and simple solution is to use a shim. A shim is a thin material used to align parts (often used when installing counter tops, doors, hinges, etc.).

Shims can be purchased online or at hardware stores but something as simple as a business card or card stock works just as well. Simply loosen the bolt ever so slightly and slide the shim/business card behind the shelf near the bolt on the lowered side. This will "raise up" that corner to create a level shelf.

HARDWARE	WHEN IT'S NEEDED	EXAMPLE
2" Lag Bolts	Installation into wall studs behind regular drywall	
Toggle Bolt Anchors	No studs available, installation into regular drywall	
XL Lag Bolts	Installation into wall studs behind thick drywall or tile	
XL Toggle Bolts	No studs available, installation into thick drywall or tile	
Masonry Bolts	installation into brick or concrete	
Flush Mount Screws	attach to solid wood such as cabinets, shelf, trim	
Short Lag Bolts	attach to solid wood such as cabinets, shelf, trim	