Model T102-011 **Towel Bar (Contemporary)**			
	T102-011-PC	T102-011-BN	T102-011-ORB

Model T102-012 **Towel Bar (Traditional)**			
	T102-012-PC	T102-012-BN	T102-012-ORB

STEP 1 **Understand Fastener**
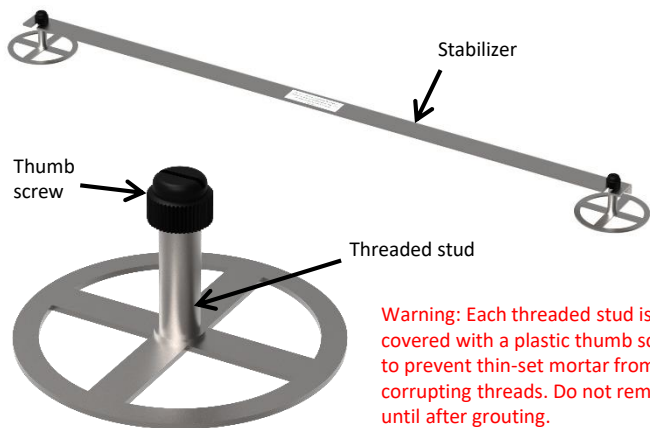
Stabilizer

Thumb screw

Threaded stud

Warning: Each threaded stud is covered with a plastic thumb screw to prevent thin-set mortar from corrupting threads. Do not remove until after grouting.

• Prepackaged plastic thumb screws should not be removed until after grouting.
• Each fastener is equipped with a stabilizing bracket. The bracket ensures that each towel bar system will mount at the predetermined location. Remove stabilizer after thin-set has met minimum cure times specified by manufacturer.

Not using stabilizer will result in towel bar mounting failure

STEP 2 **Determine Towel Bar Location**

• Determine the wall surface where the PermaTile™ Fastener should be located.
• Apply thin-set mortar with no less than a 1/4" x 3/8" notch trowel.
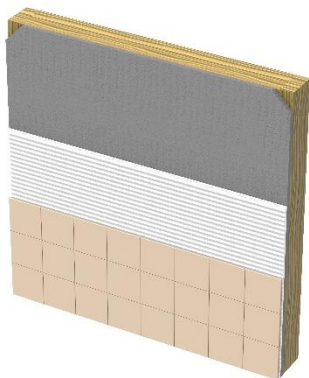
Warning: Use only latex modified mortars that meet ANSI A118.4/A118.11 performance standard.

Note: System will not work on tile thicknesses less than 5/32" or greater than 1/2"

STEP 3 **Install PermaTile™ Fastener**
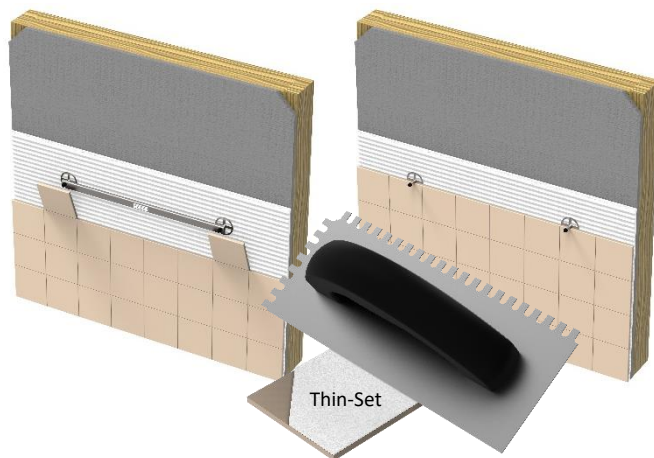
Thin-Set

• Key thin-set mortar into the back side of tile to ensure proper contact and adhesion.
•Press the PermaTile™ Fastener into the combed thin-set mortar at the predetermined location.
•Adjust as necessary, setting stud directly on tile edge.

STEP 4 **Mark & Notch Tiles**
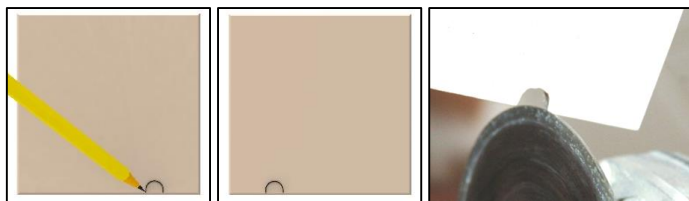
• Mark notch locations.
• Using an angle grinder, remove enough material allowing 1/16" of adjustment side to side and up and down.

Warning: Notches and holes should not exceed 3/8" in diameter to ensure towel bar trim has sufficient surface area during mounting.

Technical Fact:
Procedures for installing PermaTile™ Fastener in the body of the tile. Use only 10mm diamond drill bit (core). Use Stabilizer as drilling template.
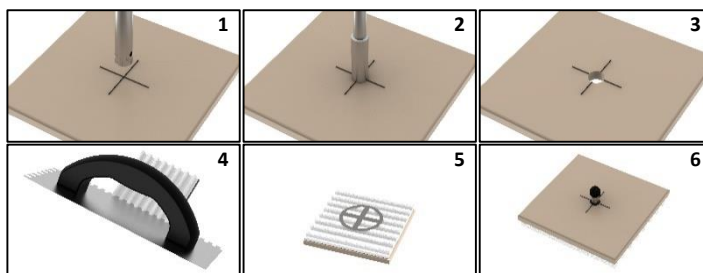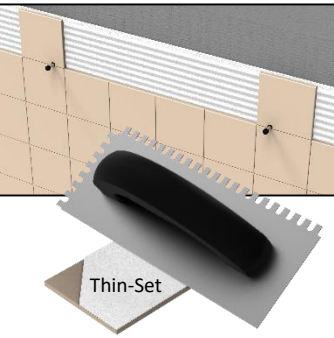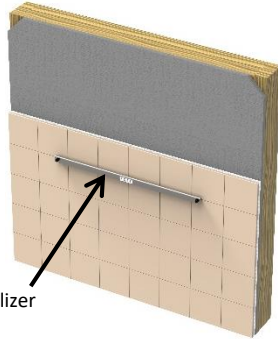
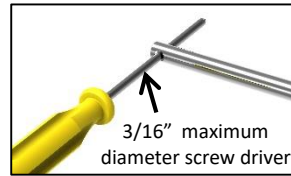| 1	2	3
4	5	6

STEP 5 **Install Notched Tiles**

• Key thin-set mortar into the back side of tile to ensure proper contact and adhesion.
• Press tile into wall and adjust as necessary.
• Remount stabilizer, make sure it fits freely.

Thin-Set

Warning: Do not proceed with accessory installation until thin-set mortar has met minimum curing requirements specified by manufacturer.

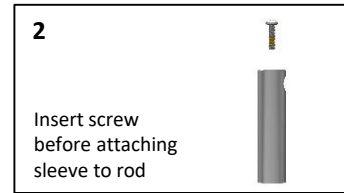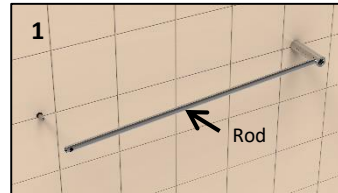Remount stabilizer

STEP 7 **Mount Right Side Sleeve**

Sleeve

8-32 Screw

Towel Rod attachment hole

• Remove plastic thumb screws & stabilizer after grouting.
• Starting on right side, simply slip sleeve over threaded stud, insert 8-32 stainless steel screw and attach.
• Using a #2 phillips head screwdriver, attach screw firmly to tile wall. (Sleeve attachment hole should be visible and facing left)

Warning: Carefully, turn 8-32 stainless steel screw. Cross-threading will require fastener removal.

Warning: Each threaded stud is covered with a plastic thumb screw to prevent thin-set mortar from corrupting thread. Do not remove until grouting is complete.

Thank you for using our products!

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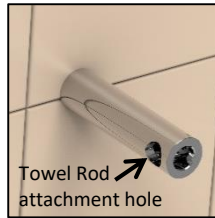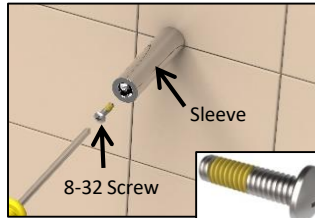## STEP 6 **Understanding Screwdriver**

3/16" maximum diameter screw driver

• Towel rod was designed with (2) 1/4" holes which will allow a 3/16" screwdriver to be inserted.

STEP 8 **Mount Rod & Left Side Sleeve**

1

Rod

2

Insert screw before attaching sleeve to rod

3

4

1. Insert towel rod into right side sleeve.
2. Insert 8-32 stainless steel screw into sleeve (screw must be in sleeve before mounting can occur)
3. Slip sleeve onto towel rod and insert both together over threaded stud.
4. Using a #2 phillips head screwdriver, attach screw and sleeve firmly to tile wall.

STEP 9 **Attached Caps & Anti-Rotation**

Anti-rotation Screw

• Thread on caps.
• One cap is equipped with an anti-rotation screw. Slip cap & anti-rotation screw assembly into predrilled 1/4" hole located in towel rod, then thread onto sleeve.
• Installation complete.

Towel Bar Parts List

Model	Fastener Assembly quantity 1 per kit	Rod quantity 1 per kit	Sleeve quantity 2 per kit	Cap quantity 1 per kit	Cap & Anti-rotation Screw Assembly quantity 1 per kit	8-32 Screw quantity 2 per kit
T101-011 or T101-012 **Towel Bar** Kits	PT100-508	C220-007	C220-001	C220-005 or C220-012 Contemporary - Traditional	C100-005	C200-013