

# PYTHON MT INSTALLATION GUIDE



MT 13 1/2" (340mm)



MT 9" (230mm)



MT 6 3/8" (160mm)



PYTHON Washer



## INSTALLATION APPLICATIONS:

- TIMBER TO MASONRY
- TIMBER TO MASONRY WITH WASHER
- STEEL TO MASONRY
- UNGROUTED CONCRETE BLOCK
- NEW CONCRETE / SHOTCRETE STARTER BARS

Note: this is not an exhaustive list of applications, if you're unsure about an application, please contact us at [info@pythonfasteners.com](mailto:info@pythonfasteners.com).

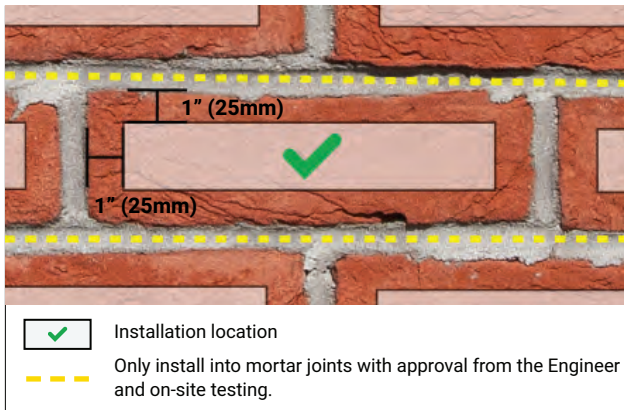
## TOOLS AND ACCESSORIES REQUIRED:

- T50 torx driver
- PYTHON 8mm masonry drill bit
- 5/16" (8mm) timber drill bit (for timber applications)
- Rotary drill
- Impact driver

Patent Pending

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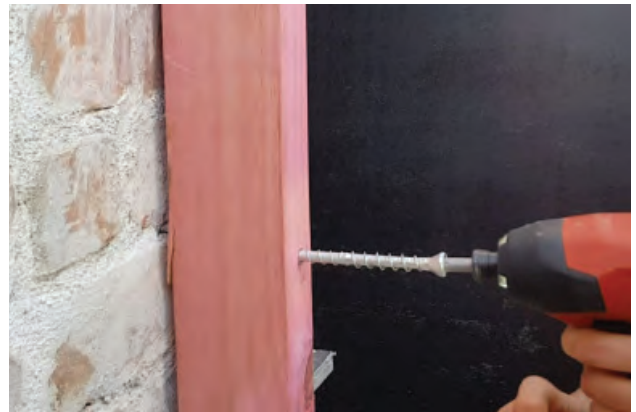
- 01** Mark the location for screw installation on the timber. Ensure the location is at least 1" (25mm) from the brick edge.



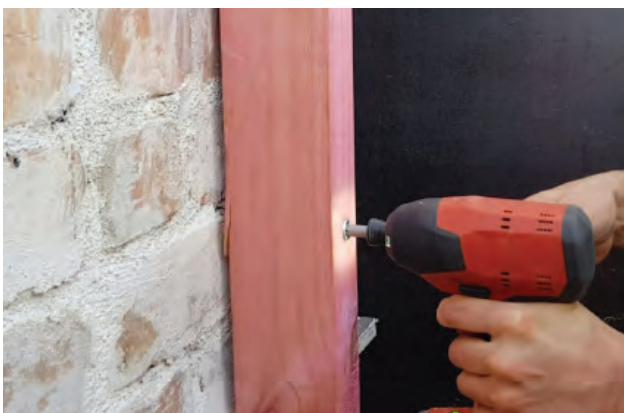
- 02** Drill a 5/16" (8mm) diameter hole through the timber with a timber drill bit.



- 03** Drill an 8mm diameter hole 1/2" (13mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



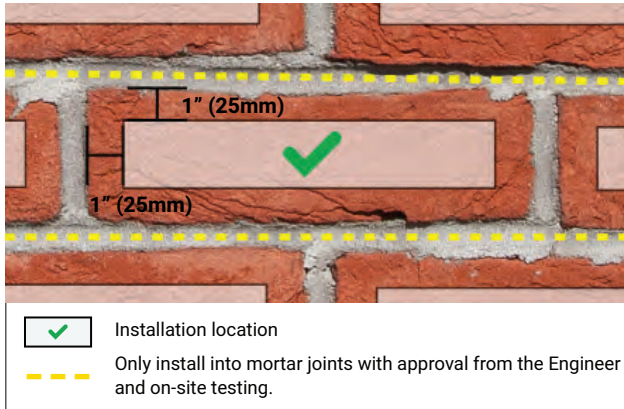
- 04** Install the PYTHON MT using a TORX T50 bit and impact driver.



- 05** Countersink the screw head for a smooth finish.

**WARNING:** Do not over-torque or countersink the head past flush.

# PYTHON MT: TIMBER TO MASONRY WITH WASHER



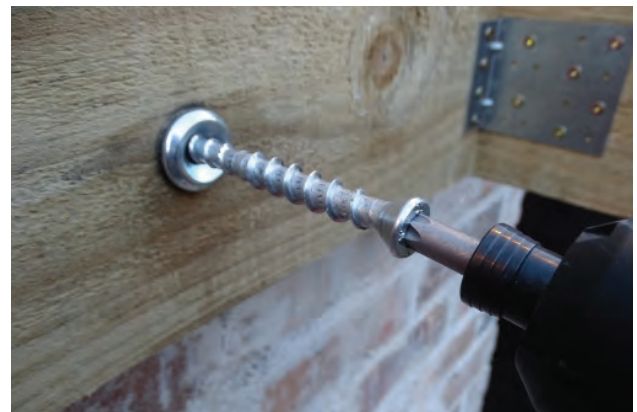
**01** Mark the location for screw installation on the timber. Ensure the location is at least 1" (25mm) from the brick edge.



**02** Drill an 8mm diameter hole 1/2" (13mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



**03** Thread the PYTHON MT through the center of the PYTHON Washer.

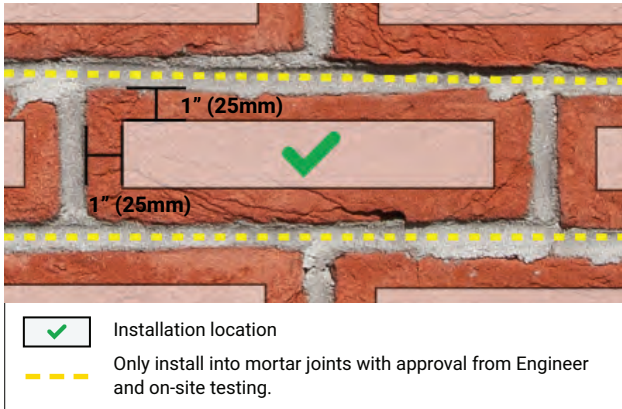


**04** Install the PYTHON MT using a TORX T50 bit and impact driver.

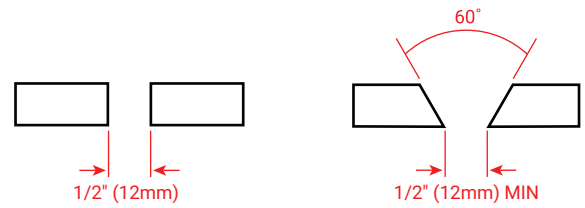


**05** PYTHON MT installed with washer.

**WARNING:** Do not over-torque.



**01** Mark the installation location on the brick. Ensure the location is at least 1" (25mm) from the brick edge.



WITH PYTHON WASHER

COUNTERSUNK PYTHON MT  
PILOT HOLE IN STEEL

**02** Pre-fabricate 1/2" (12mm) diameter holes for use with PYTHON Washers OR cone holes with a 60° angle for countersunk option.



**03** Drill an 8mm diameter hole 1/2" (13mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



**04** Thread the PYTHON MT through the center of the PYTHON Washer (if applicable).



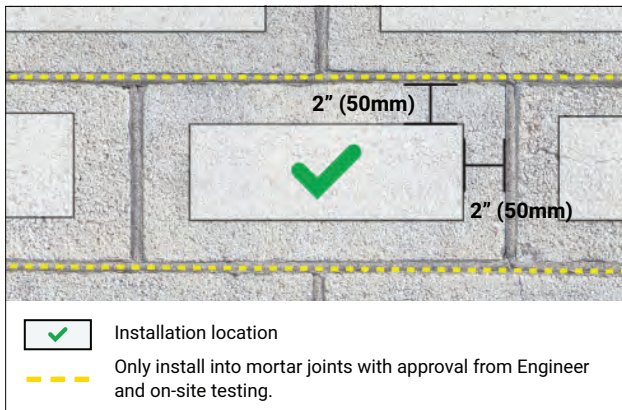
**05** Install the PYTHON MT using a TORX T50 bit and impact driver.



**06** PYTHON MT installed with washer.

**WARNING:** Do not over-torque.

# PYTHON MT: TIMBER TO UNGROUTED CONCRETE BLOCK



**01** Mark the installation location on the concrete block. Ensure the location is at least 2" (50mm) from the block edge.



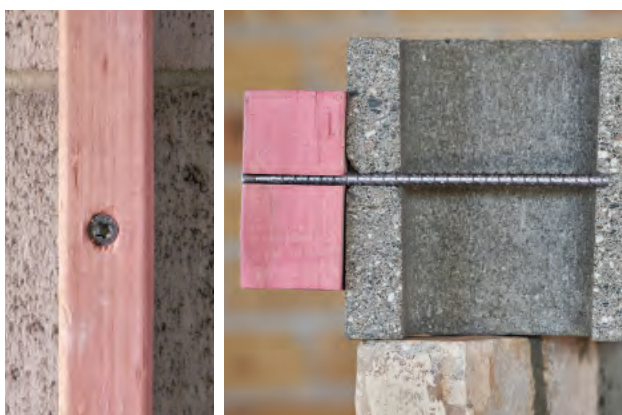
**02** Drill a 5/16" (8mm) diameter hole through the timber with a timber drill bit.



**03** Drill an 8mm diameter hole 1/8" (4mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



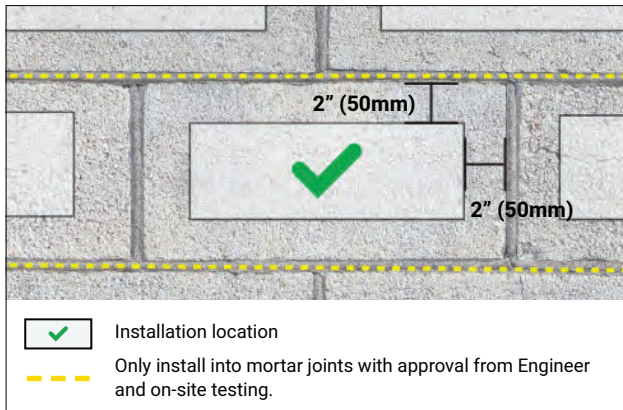
**04** Install the PYTHON MT using a TORX T50 bit and impact driver.



**05** Countersink the screw head for a smooth finish.

**WARNING:** Do not over-torque or countersink the head past flush.

# PYTHON MT: COUNTERSUNK IN CONCRETE BLOCK



- 01** Mark the installation location on the concrete block. Ensure the location is at least 2" (50mm) from the block edge.



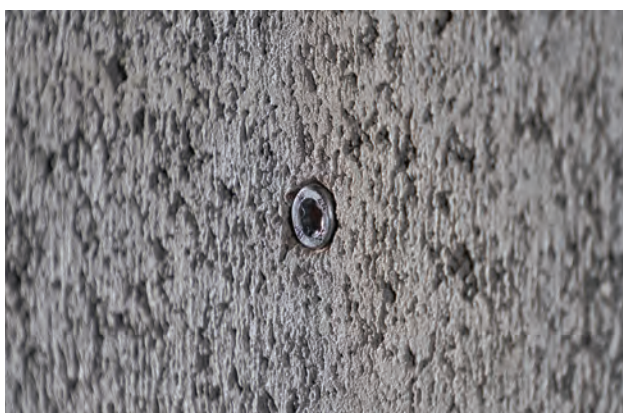
- 02** Drill an 8mm diameter hole 1/8" (4mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



- 03** To countersink the head, drill a 5/8" (16mm) diameter hole 1/4" (6mm) deep.



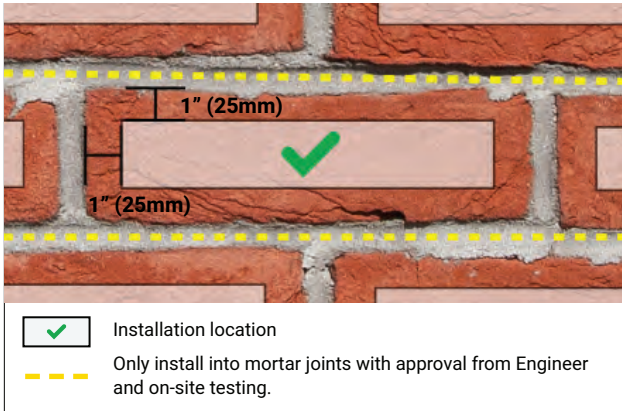
- 04** Install the PYTHON MT using a TORX T50 bit and impact driver.



- 05** Countersink the screw head for a smooth finish.

**WARNING:** Do not over-torque or countersink the head past flush.

# PYTHON MT: NEW CONCRETE/ SHOTCRETE STARTER-BAR



**01** Mark the installation location on the brick. Ensure the location is at least 1" (25mm) from the brick edge.



**02** Mark the PYTHON MT starter bar set out. Ensure that installation locations are in accordance with Step 1.



**03** Drill an 8mm diameter hole 1/2" (13mm) deeper than the intended screw embedment depth with a PYTHON masonry drill bit and rotary only drill.



**04** Install the PYTHON MT using a TORX T50 bit and impact driver with the length specified by the Engineer left exposed.



**05** Tie the reinforcing to the PYTHON MT fasteners.



**06** Box and pour or apply shotcrete as specified by the Engineer.