

PYTHON MT INSTALLATION GUIDE



MT 340mm



MT 230mm



MT 160mm



PYTHON Washer



INSTALLATION APPLICATIONS:

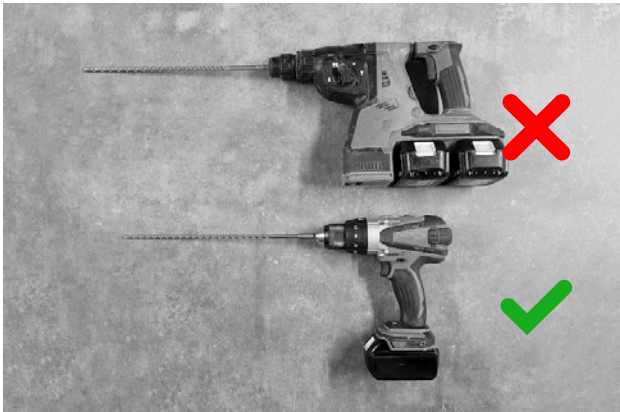
- TIMBER TO MASONRY
- TIMBER TO MASONRY WITH WASHER
- STEEL TO MASONRY
- UNGROUTED CONCRETE BLOCK
- NEW CONCRETE / SHOTCRETE STARTER BARS

TOOLS AND ACCESSORIES REQUIRED:

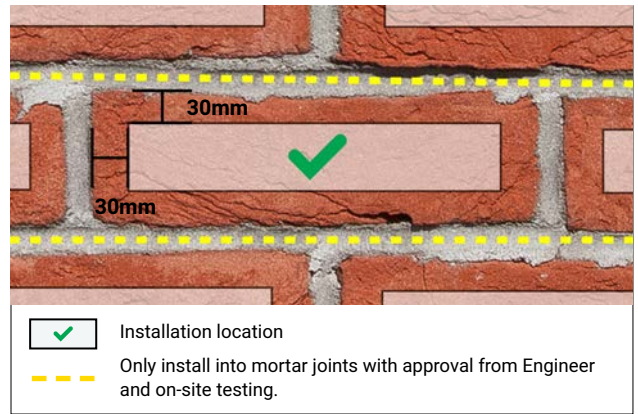
- T50 torx driver
- 8mm Masonry Drill Bit
- 8mm Timber Drill Bit (for timber applications)
- Low Impact Hammer Drill or Rotary only Drill
- Impact Driver

Note: this is not an exhaustive list of applications, if you're unsure about an application, please contact us at info@pythonfixings.co.nz or 0800 PYTHON.

PYTHON MT: **TIMBER TO MASONRY**



A low impact hammer drill (non-SDS) or rotary only drill must be used for drilling into all masonry materials.



- 01** Mark the location for screw installation on the timber. Ensure the location is at least 30mm from the brick edge.

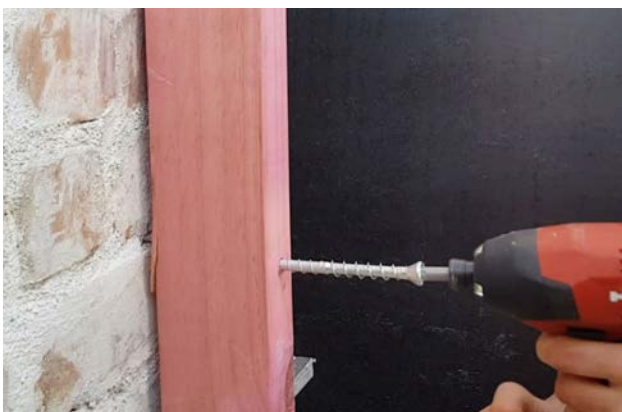


- 02** Drill an 8mm diameter hole through the timber with a timber drill bit.

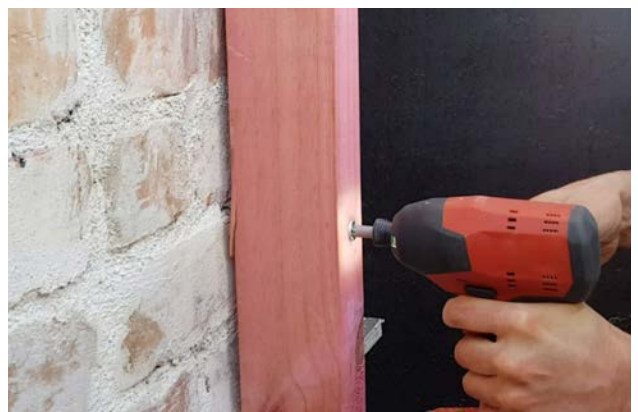


- 03** Drill an 8mm diameter hole 15mm deeper than the intended screw embedment depth with a masonry drill bit.

WARNING: If you are using a PYTHON masonry spear drill bit, a rotary only drill must be used.



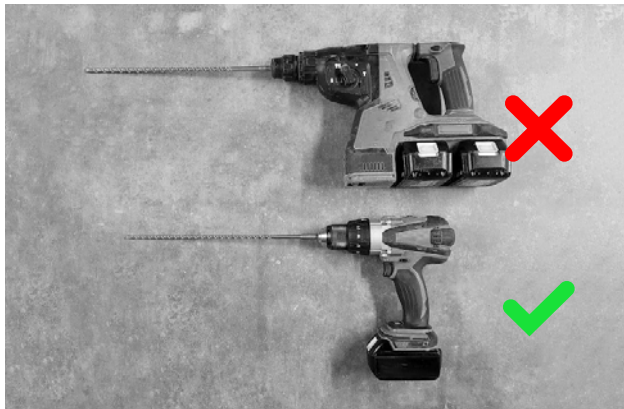
- 04** Install the PYTHON MT using a TORX T50 bit and impact driver.



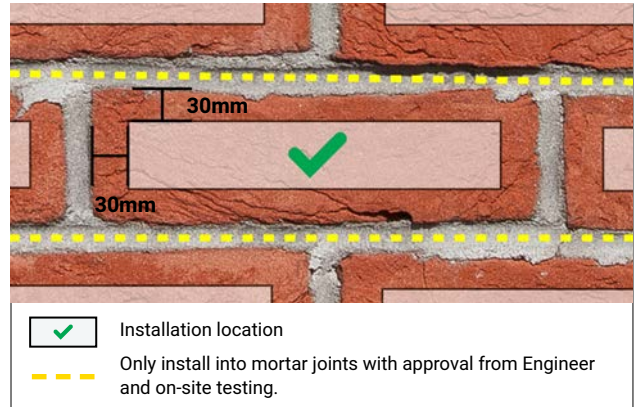
- 05** Countersink the screw head for a smooth finish.

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

PYTHON MT: TIMBER TO MASONRY WITH WASHER



A low impact hammer drill (non-SDS) or rotary only drill must be used for drilling into all masonry materials.



- 01** Mark the location for screw installation on the timber. Ensure the location is at least 30mm from the brick edge.

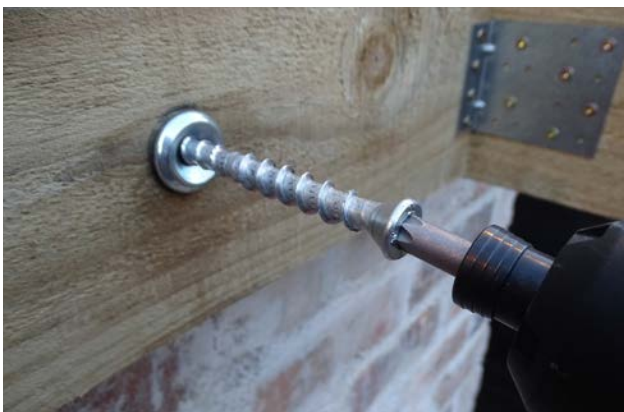


- 02** Drill an 8mm diameter hole through the timber with a timber drill bit.



- 03** Drill an 8mm diameter hole 15mm deeper than the intended screw embedment depth with a masonry drill bit.

WARNING: If you are using a PYTHON masonry spear drill bit, a rotary only drill must be used.



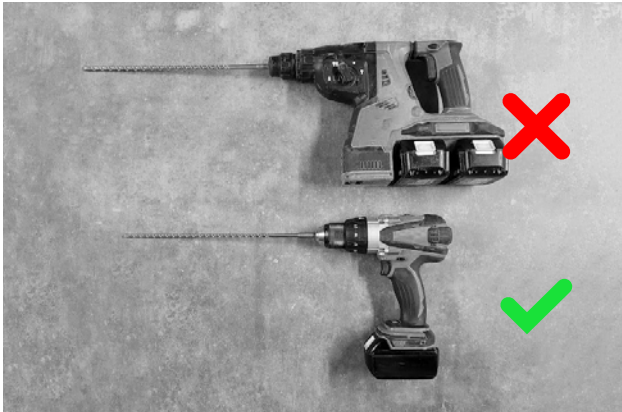
- 04** Install the PYTHON MT with a PYTHON washer using a TORX T50 bit and impact driver.



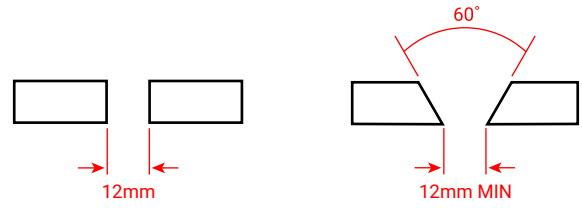
- 05** PYTHON MT installed with washer.

WARNING: Do not over-torque.

PYTHON MT: STEEL TO MASONRY



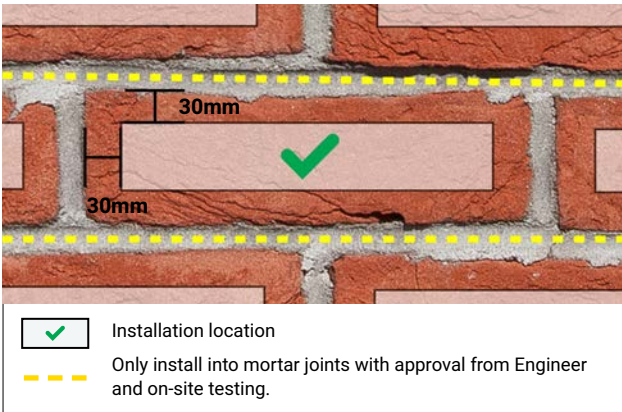
A low impact hammer drill (non-SDS) or rotary only drill must be used for drilling into all masonry materials.



WITH PYTHON WASHER

COUNTERSUNK PYTHON MT
PILOT HOLE IN STEEL

- 01** Pre-fabricate 12mm diameter holes for use with PYTHON Washers OR cone holes with a 60° angle for countersunk option.



- 02** Mark the location for screw installation on the brick, at least 30mm from the brick edge.



- 03** Drill an 8mm diameter hole 15mm deeper than the intended screw embedment depth with a masonry drill bit.

WARNING: If you are using a PYTHON masonry spear drill bit, a rotary only drill must be used.



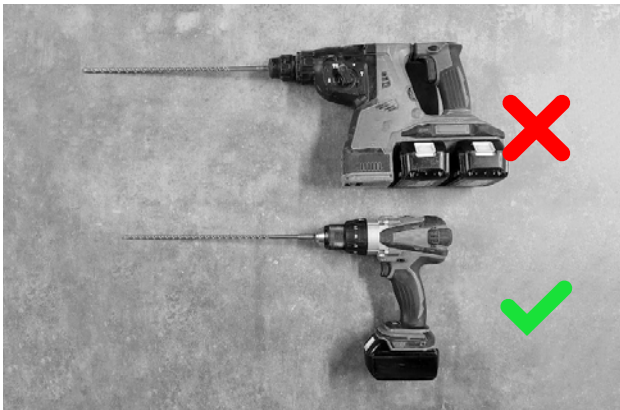
- 04** Install the PYTHON MT using a TORX T50 bit and impact driver. Use a PYTHON washer if applicable.



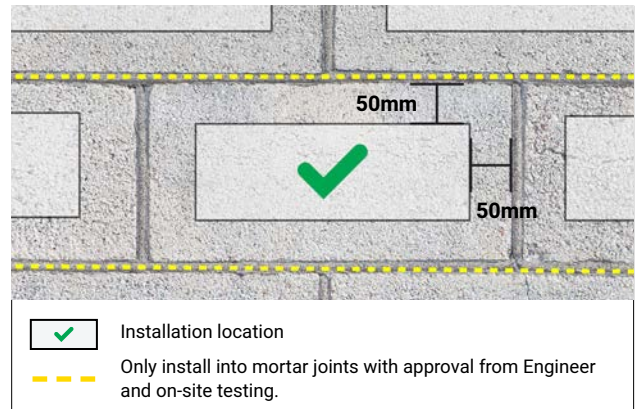
- 05** PYTHON MT installed with washer.

WARNING: Do not over-torque

PYTHON MT: TIMBER TO UNGROUTED CONCRETE BLOCK



A low impact hammer drill (non-SDS) or rotary only drill must be used for drilling into all masonry materials.



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

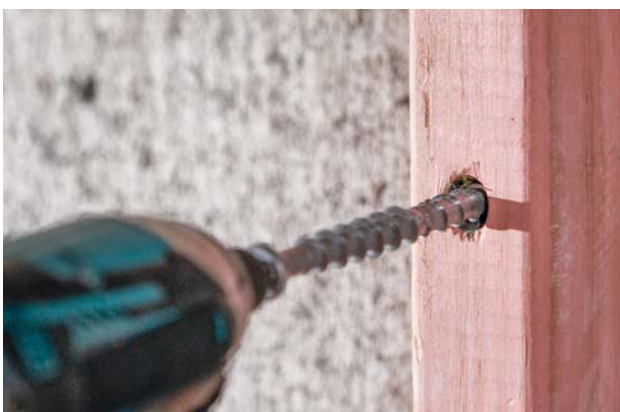


- 02** Drill an 8mm diameter hole through the timber with a timber drill bit.

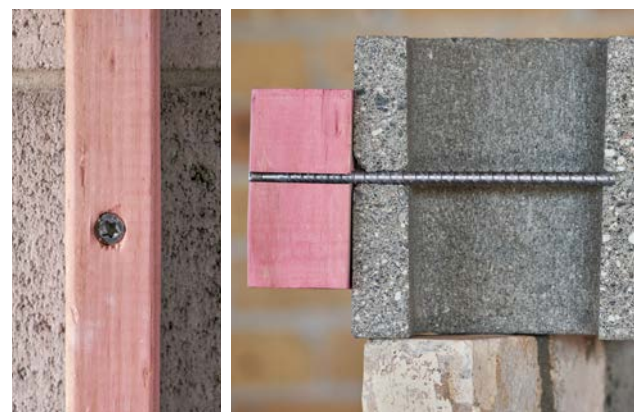


- 03** Drill an 8mm diameter hole 5mm deeper than the intended screw embedment depth with a masonry drill bit.

WARNING: If you are using a PYTHON masonry spear drill bit, a rotary only drill must be used.



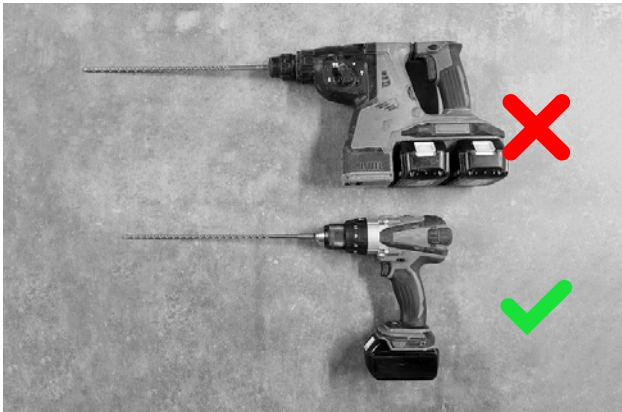
- 04** Install the PYTHON MT using a TORX T50 bit and impact driver.



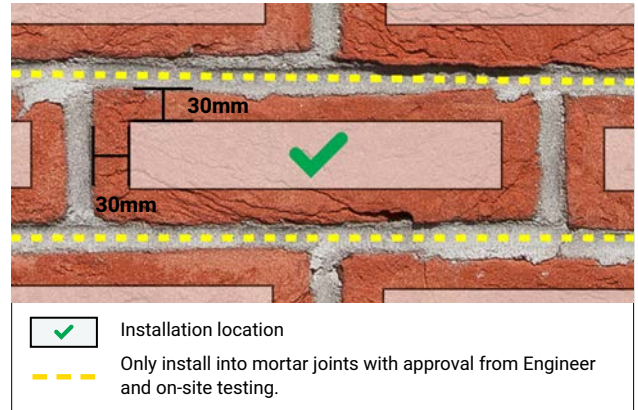
- 05** Countersink the screw head for a smooth finish.

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

PYTHON MT: NEW CONCRETE/ SHOTCRETE STARTER-BAR



A low impact hammer drill (non-SDS) or rotary only drill must be used for drilling into all masonry materials.



01 Mark the location for screw installation on the brick, at least 30mm from the brick edge.

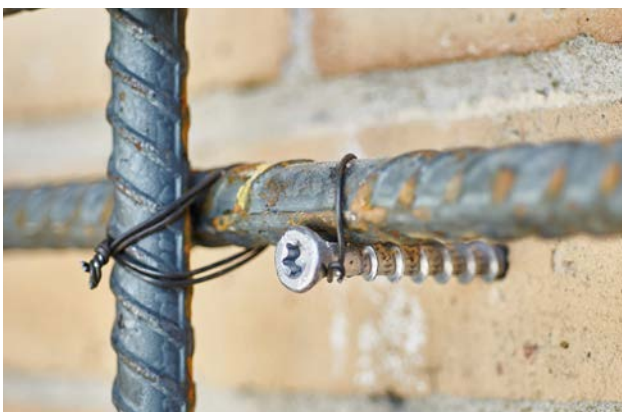


02 Drill an 8mm diameter hole 15mm deeper than the intended screw embedment depth with a masonry drill bit.

WARNING: If you are using a PYTHON masonry spear drill bit, a rotary only drill must be used.



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



04 Tie the reinforcing to the PYTHON MT fixings.



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