3form Anchoring provides easy installation solutions to our hardware collection. We provide anchors and fasteners for a variety of substrates, from concrete to drywall to wood. This document shows you which anchors will suit your needs and how to install them.

For more information, please visit 3-form.com or call 800.726.0126

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The information in this document is intended for interior conditions only. For exterior conditions refer to the 3form Point Support XT Solution Document / Installation Manual or contact your 3form Sales Representative.

DO NOT use cyanoacrylate thread locking chemicals (e.g. Loctite) with 3form panels.

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Stud anchor HSL-3-G M8x20
3-15-1614

M8

CONCRETE
(ICC rated)

Drill Ø12mm hole, minimum 90mm deep.

Remove drilling debris with a blowout bulb or with compressed air.

Use a hammer to insert the anchor.

Turn nut until torque reaches: 20 Nm or 15 ft-lb.

Take nut off

Install 3form part.

* Note: The above illustrations are for reference only. For complete installation instructions and technical data, please refer to Hilti’s technical guide.
Concrete insert HIS-N M8x90
3-15-1611

Drill Ø14mm hole, 90mm deep.

Remove drilling debris with compressed air.

Brush bore hole with steel brush.

Repeat these 2 steps 2 or 3 times.

Use Epoxy Adhesive (HIT-RE 500-SD)

Install the concrete insert.

Install 3form parts after epoxy has fully cured. Refer to Hilti’s technical guide for curing times.

* Note: The above illustrations are for reference only. For complete installation instructions, equipment needed, and technical data, please refer to Hilti’s technical guide.
Drill Ø8mm hole, minimum 60mm deep.

Remove drilling debris with a blowout bulb or with compressed air.

With screw in anchor, use a hammer to insert anchor.

Place washer under the screw head.

Torque the screw to 7 Nm

Remove screw and install 3form part.
M8 concrete anchor
3-15-3011A

Drill Ø10mm hole, minimum 65mm deep.

Place a washer under the screw head.

Remove drilling debris with a blowout bulb or with compressed air.

Torque the screw to 15 Nm

With screw in anchor, use a hammer to insert anchor.

Remove screw and install 3form.

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Drill Ø10mm hole, 33mm deep.

Remove drilling debris with a blowout bulb or with compressed air.

Use a hammer to insert the anchor.

Use setting tool 3-15-1612 Push in until marking is visible.

* Note: The above illustrations are for reference only. For complete installation instructions and technical data, please refer to Hilti’s technical guide.
3/16" x 1 1/4" Fastener
3-15-0841

3/16" x 1 3/4" Fastener
3-15-0842

3/16" x 1 1/4" WH Fastener
3-15-1606

3/16" x 1 3/4" WH Fastener
3-15-1607

Use 3-15-0839 drill bit for concrete or 11/64" drill for wood. Hole depth = screw length + 1/2"

Install 3form part.

For more information, please visit 3-form.com or call 800.726.0126
M6x25mm Rampa Screw
3-15-0762

- Drill Ø.40 or Ø10.4mm hole minimum 25mm deep.
- Use a Allen key to install the insert
- Install 3form part.

M8 Threaded Insert
3-15-0791

- Drill Ø7/16” or Ø11.1mm hole, minimum 20mm deep.
- Use a Allen key to install the insert
- Install 3form part.

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M8 Wood anchor, 50mm
3-15-3001

Drill Ø5.8mm or 15/64” hole, minimum 40mm deep.
Use a torx driver to install the insert
Install 3form part.

M8 Wood anchor, 60mm
3-15-3002

Drill Ø5.8mm or 15/64” hole, minimum 40mm deep.
Use a torx driver to install the insert
Install 3form part.
Drill Ø1/2" (13mm) hole. Minimum clearance behind wall = 1 7/8" (48mm)

Position the metal channel parallel with the plastic legs. Insert the metal channel through the drilled hole into the wall cavity.

Pull the metal channel firmly against the inner wall cavity by tugging the ends of the legs.

Slide the plastic cap forward along the legs until it is seated flush to the work surface.

Snap the plastic legs off flush at the plastic cap by pushing outward.

Install 3form part. Note: Maximum torque on screw or rod is 5 ft-lb.
M6 Toggle Bolt Anchor
3-15-0700

Drill Ø1/2” (13mm) hole. Minimum clearance behind wall = 1 7/8” (48mm)

Position the metal channel parallel with the plastic legs. Insert the metal channel through the drilled hole into the wall cavity.

Slide the plastic cap forward along the legs until it is seated flush to the work surface.

Snap the plastic legs off flush at the plastic cap by pushing outward.

Pull the metal channel firmly against the inner wall cavity by tugging the ends of the legs.

Install 3form part.
Note: Maximum torque on screw or rod is 5 ft-lb.

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Position the metal channel parallel with the plastic legs.
Insert the metal channel through the drilled hole into the wall cavity.

Drill Ø3/4" (19mm) hole. Minimum clearance behind wall = 1 7/8" (48mm)

Pull the metal channel firmly against the inner wall cavity by tugging the plastic pull ring.

Slide the plastic cap forward along the legs until it is seated flush to the work surface.

Snap the plastic legs off flush at the plastic cap by pushing outward.

Install 3form part. Note: Maximum torque on screw or rod is 5 ft-lb.