

Concrete and Anchor Installation Requirements:

Anchor Type: ½"-13 threaded drop-in concrete anchors

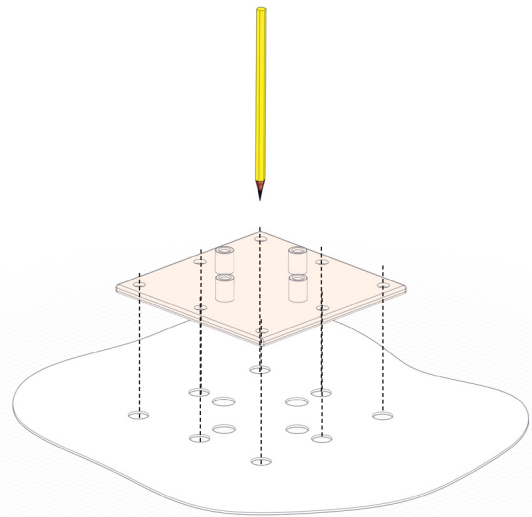
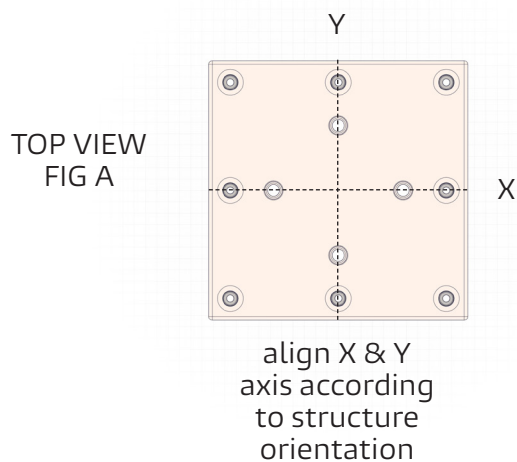
For proper installation to achieve maximum holding load of anchors:

- Minimum 4000 PSI concrete strength
- 4" minimum concrete thickness required
- Minimum edge distance 3.5"

Step 1.

Turn concrete pad mount upside down then with a pencil mark the outside 8 hole pattern as well as the 4 hole inside pattern on concrete deck.

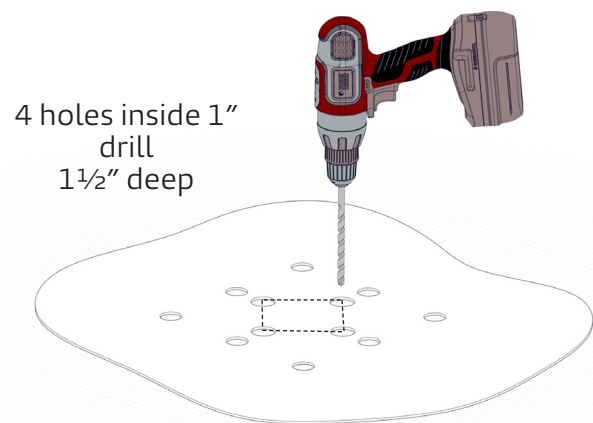
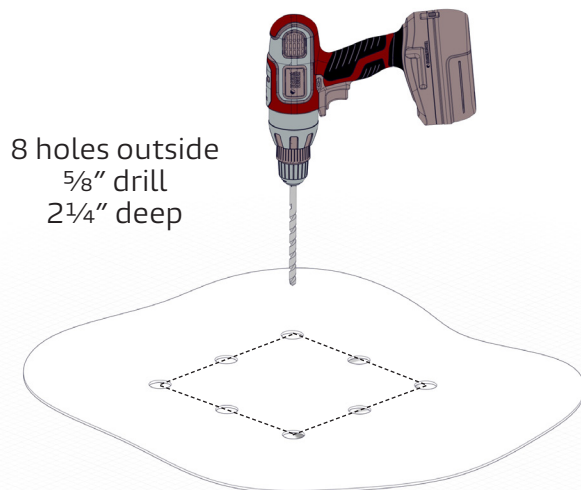
Note: Before marking the hole patterns, ensure the holes are lined-up with the axis orientation in which you want the parasol to be facing -> see FIG A



Step 2.

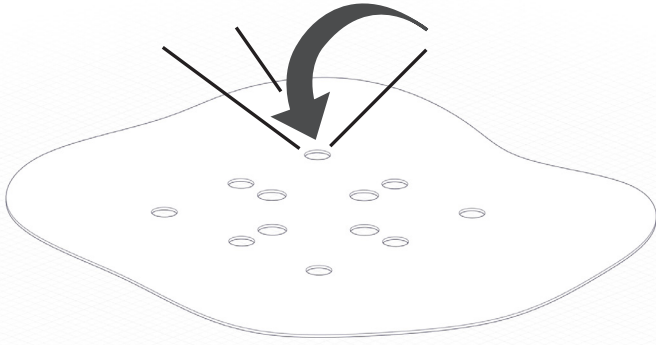
Use a 5/8" diameter drill bit. Drill the 8 outside holes outside: To assure full holding power, do not ream the hole or allow the hammer drill to wobble. Hole depth must be 2 1/4".

Use 1" diameter drill bit. Drill 4 inside holes 1 1/2" depth.



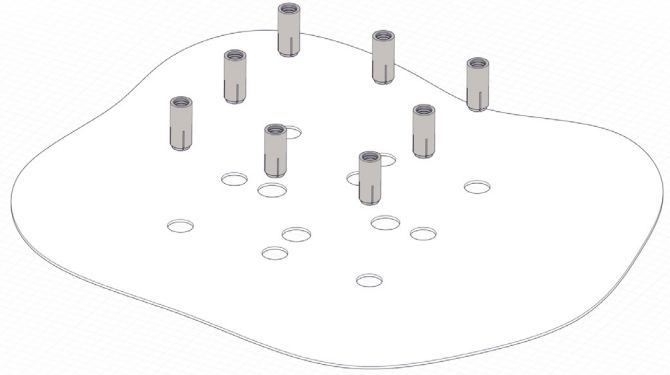
Step 3.

Clean the holes using dry compressed air and a clean wire brush. Dust and debris that is left in holes will significantly reduce the holding capacity of the anchor.



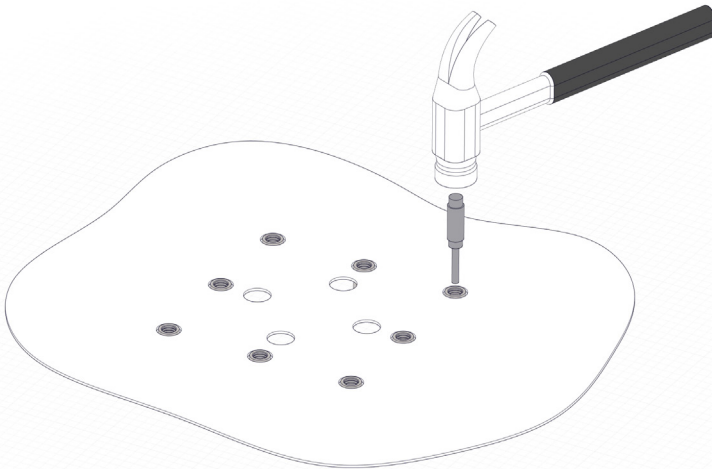
Step 4.

Insert "Drop in" anchors.



Step 5.

Hammer to open flange on "Drop in" anchors.



Step 6.

Install concrete pad mount by using eight 1/2" x 1 1/4" counter-sunk bolts. Make sure to tighten all eight 1/2" x 1 1/4" counter-sunk bolts securely.

