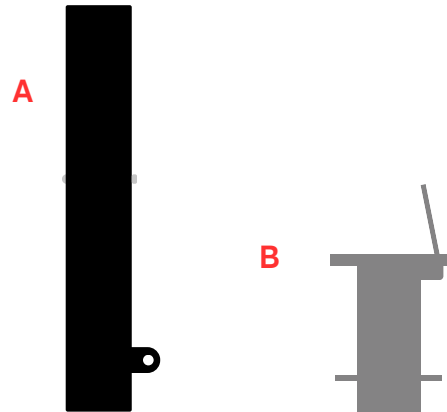


Inground Socket and Sleeve Kit

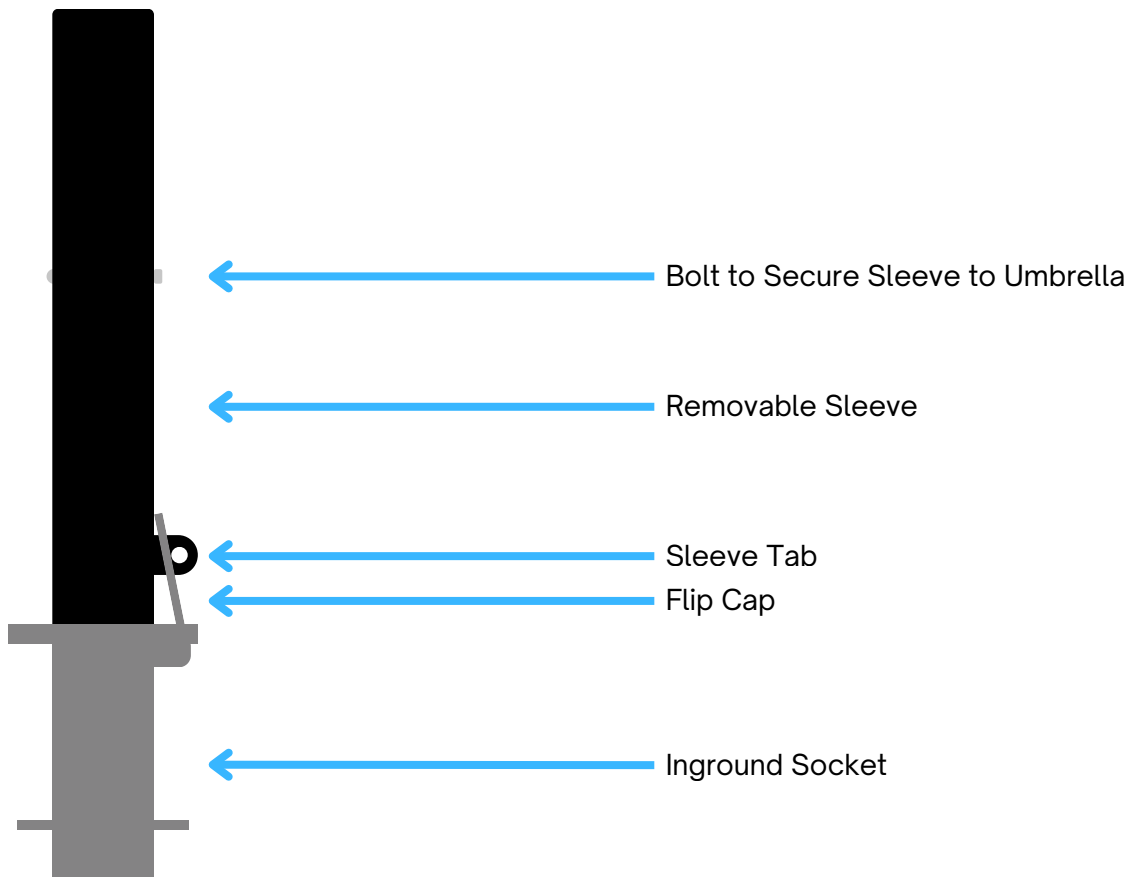
Your socket and sleeve kit is going to include:

- Removable sleeve (A)
- Inground socket (B)



This socket and sleeve is designed so that an umbrella can be installed and removed without the need for a heavy base. The socket is concreted into a hole, and the removable sleeve is held in place by a twist-and-locking feature, which can be removed to enable the flip cap to sit flush with the ground to avoid a hazard.

Removable Inground Base Anatomy



Socket Installation

- 1 Identify a suitable location for the socket, and dig a hole **450mm deep with a 350mm diameter** (1).

When to make a bigger hole?

These measurements assume firm natural soil. If:

- The socket is going into backfill
- The umbrella being used is bigger than 2.6 x 2.6m square, or 3.5m octagonal, or
- The umbrella is going into a particularly windy location, we suggest increasing the diameter and depth of the hole by 20% (i.e. to 540mm x 420mm).

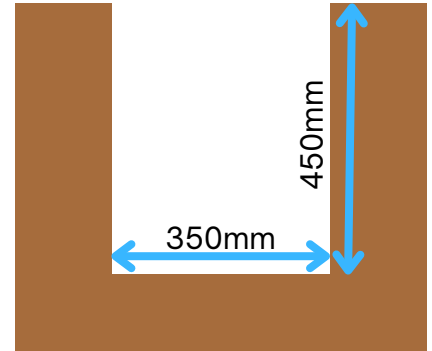
- 2 It is recommended to lay a bed of gravel or blue metal in the bottom of the hole and fill the hole with concrete.

NB: Do not use rapid-set concrete for this installation as it will not provide adequate strength.

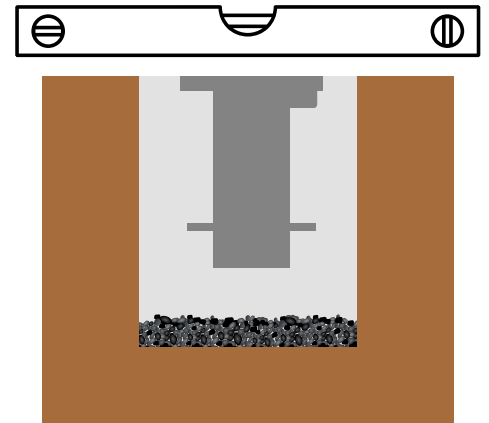
Once this is complete, push the socket into place. The top of the socket should be level and sit perfectly flush with the level of the ground (2). Ensure that during this process, no concrete gets inside the socket.

Confirm that the base is level with the ground- you may need to use a spirit level. Once positioned, allow the concrete to completely harden. We suggest 7 days - consult the concrete instructions for drying time.

- **NB:** The socket comes with a cap plugged into the hole in the bottom of it. Keep this plugged in when lowering the socket into position so that concrete doesn't seep into the socket.



1) Required dimensions for the socket



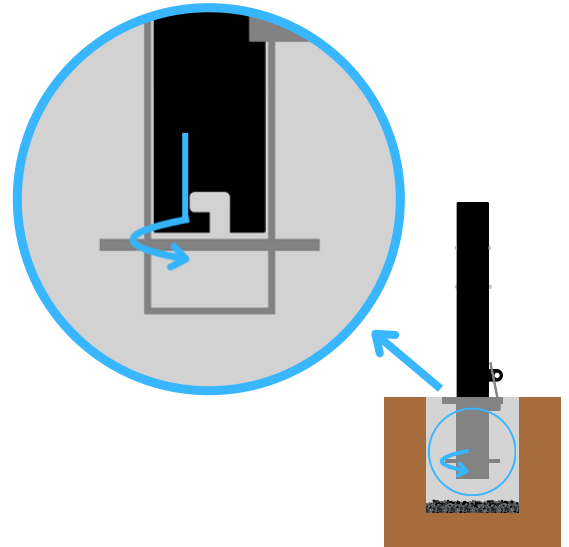
2) Socket sitting flush with the ground in concrete.

Core Drilling

- 1 If you are core drilling into concrete, use a minimum 127mm diameter core drill. Non-shrink grout is recommended for this type of installation instead of concrete.

Fitting The Umbrella

- 1 Lift the flip cap and insert the sleeve into the concreted socket. The sleeve fits into the socket by being lowered onto the rod at the bottom of the sleeve, and being rotated anticlockwise so that the flip cap is aligned with the sleeve tab. You will know you have done this correctly if the sleeve tab goes through the slot in the flip cap.
 - 2 Fit the umbrella pole into the spigot. The bottom of the umbrella pole should rest on the internal bolt at the bottom of the sleeve.
- Before** drilling into the sleeve, orient the umbrella so that it lines up squarely with adjacent objects and umbrellas.
- 3 Once you are happy with the orientation, drill the umbrella nut and bolt into the pole through the specified hole in the sleeve. The bolt uses a #5 Allen key.



- 3) Lower the sleeve over the internal rod of the socket and rotate clockwise once the rod has found the pre-cut groove of the sleeve. The socket has been outlined here for clarity.

Removing and Refitting The Umbrella

- 1 Simply remove the umbrella and sleeve from the socket by unlatching the flip cap and twisting the sleeve clockwise to unhook it from the socket before lifting it out.
- 2 When refitting the umbrella, first lift the flip cap and insert the spigot into the socket. Hook the sleeve to the socket by twisting it anticlockwise.

Securing the Locking Pin

- 1 To avoid the risk of theft, it is recommended to attach a padlock to the sleeve tab once the flip cap has passed through it. Make sure to keep the key in a safe space (4).

NB: Padlock is not provided in the kit.

