

# Installation Instruction: Alternate Material

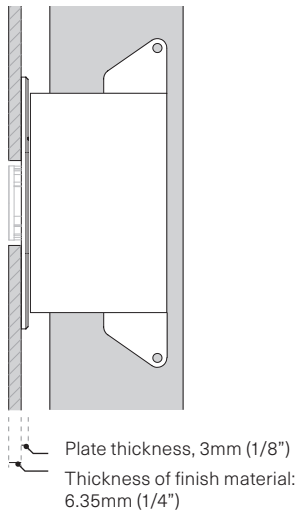
Millwork, glass, stone, etc.

Single Outlet - 2 inch box - 12.5 Cubic Inches (example: Hubbel 1104k)  
 Double Outlet - 4 inch box - 35 Cubic inches (example: Hubbel 2002R)

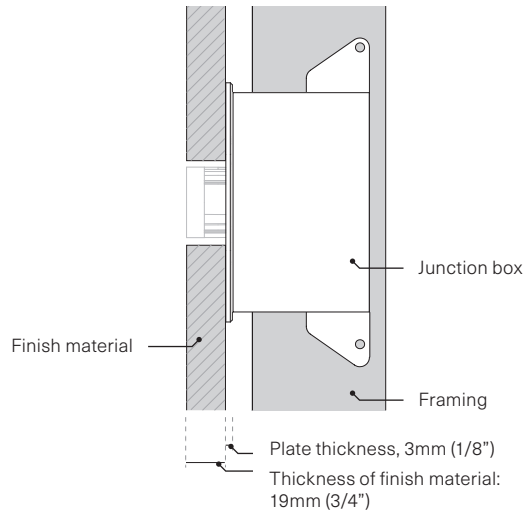
**NOTE: The 22 system is a departure from conventional cover plate systems, and requires a licensed electrician as well as precise and skilled craftsmanship during installation. If you have never installed a 22, Bocci recommends a practice installation.**

Best practice statement: For ease of future access or maintenance, we recommend a single incoming wire to the junction box (no J-box splices) immediately behind the 22 System receptacles.

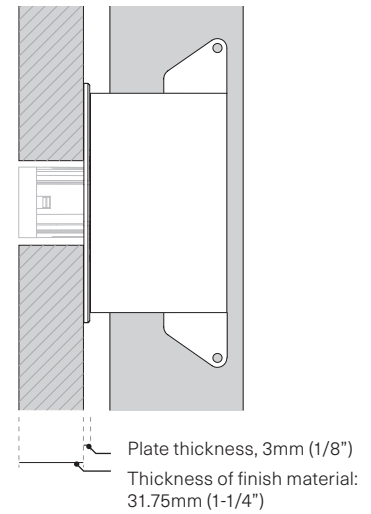
1. Determine finish material thickness and select appropriate barrel length (short/medium/long):



**short barrel:** Install the junction box 9mm (0.35") away from finished wall surface.



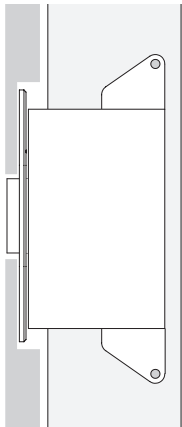
**medium barrel:** Install the junction box 22mm (0.87") away from finished wall surface.



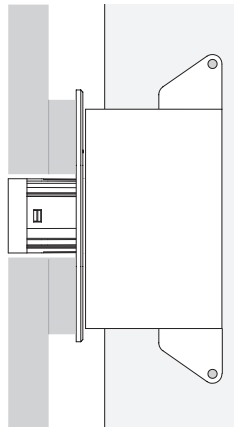
**long barrel:** Install the junction box 35mm (1.35") away from finished wall surface.

2. Recess and install the junction box.

**NOTE: If the finish material thickness is not one of the three standard scenarios shown above, select the closest option and machine down or shim up to achieve the correct depth.**



**machine down** (suitable for soft material)

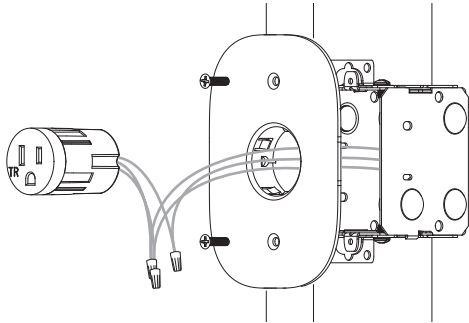


**shim up** (suitable for hard material)

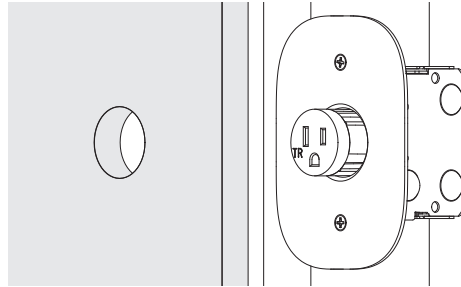
# Installation Instruction: Alternate Material

Millwork, glass, stone, etc.

- Put the wiring through the junction box. Affix the mounting plate to the junction box.
- Make all necessary electrical connections using appropriately sized marettes or another suitable connector for the component type. Insert the operative component into the mounting plate. Ensure that all four locking tabs are engaged.



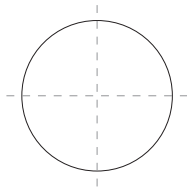
- If wet material such as grout, mortar, plaster etc is used, use the trim cap (22.1.2) to block the face of the operative components to create the necessary reveal.



- Install finish material, remove trim cap (22.1.2).

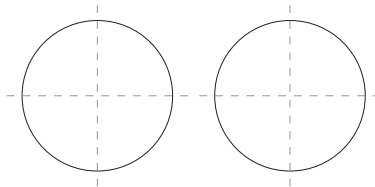


- Measure and drill hole locations in your finish material. The recommended reveal size is 36.5mm (1.4375") diameter (1-7/16" bit size).



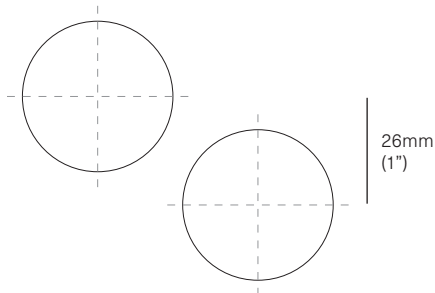
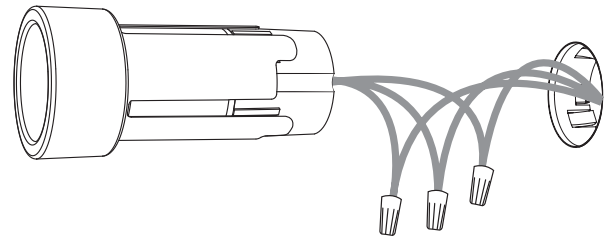
36.5mm (1.44")

Single



45.8mm (1.8")

Double linear



37.7mm (1.48")

Double diagonal