

Installation Instructions - YGF

Type YGF compression ground plate is designed to withstand the rigors of concrete construction. The ground plates are made of high strength, high-conductivity copper alloy body with a pure wrought copper compression element. In addition to the tapped NEMA size holes and spacing on the face, the plate comes with a tapped hole on the underside for ease of positioning, prior to pouring concrete.

- UL467 Listed.
- Acceptable for direct burial in earth or concrete.
- Prefilled with PENETROX™ compound and strip sealed

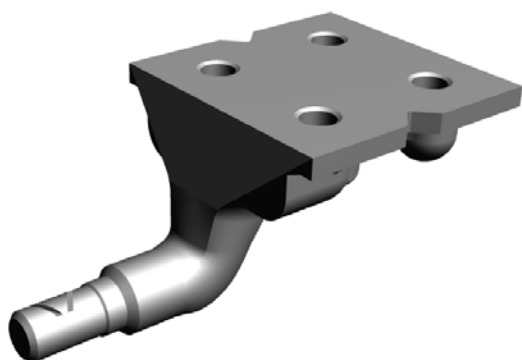


Fig. 1

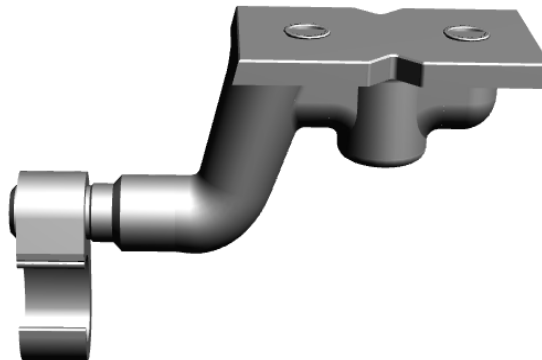


Fig. 2

Typical 3D Images – Fig .1 (4-hole), Fig. 2 (2-hole)

Step 1: Select whether you require a grounding plate with 2-holes or 4-holes.

Step 2: Determine Conductor size. (Measure with the BURNDY® WIREMIKE if needed) Clean the conductor with a wire brush as needed.



BURNDY® WIREMIKE

Step 3: Select proper connector based on wire size and 2-hole or 4-hole requirements.

Catalog Number	Copper Conductor Range	No. Of Holes
YGF29-2N	2 - 250 kcmil	2
YGF29-4N	2 - 250 kcmil	4
YGF34-2N	250 - 500 kcmil	2
YGF34-4N	250 - 500 kcmil	4

Step 4: Use suitable crimping tool. These connectors can be installed using the PAT750, Y750, Y45 or Y46 HYPRESS with recommended dies.

Note: Other BURNDY® tooling options may be available, contact BURNDY® for more information

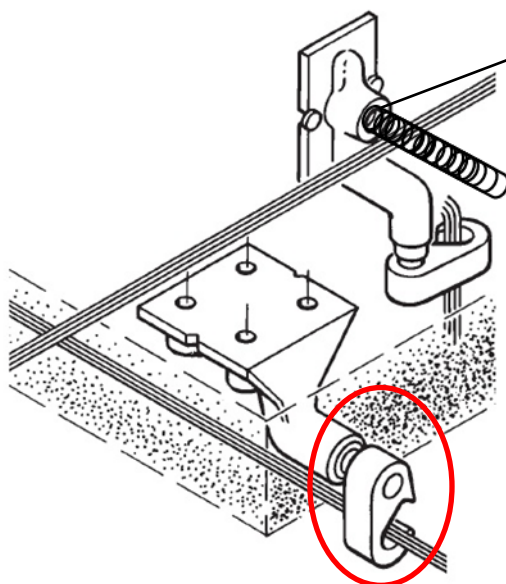


PAT 750
(Example of Tool Option)



YGF Connector
(Before Installation)

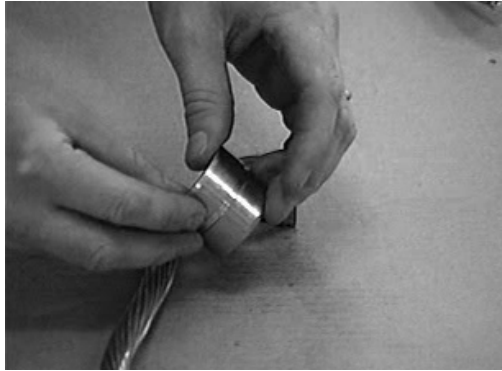
Step 5: Place the connector and wire in the required position as shown below:



Use this threaded hole to insert a threaded rod for support during concrete pour if needed.

(The fig.6 element is provided with the connector.)

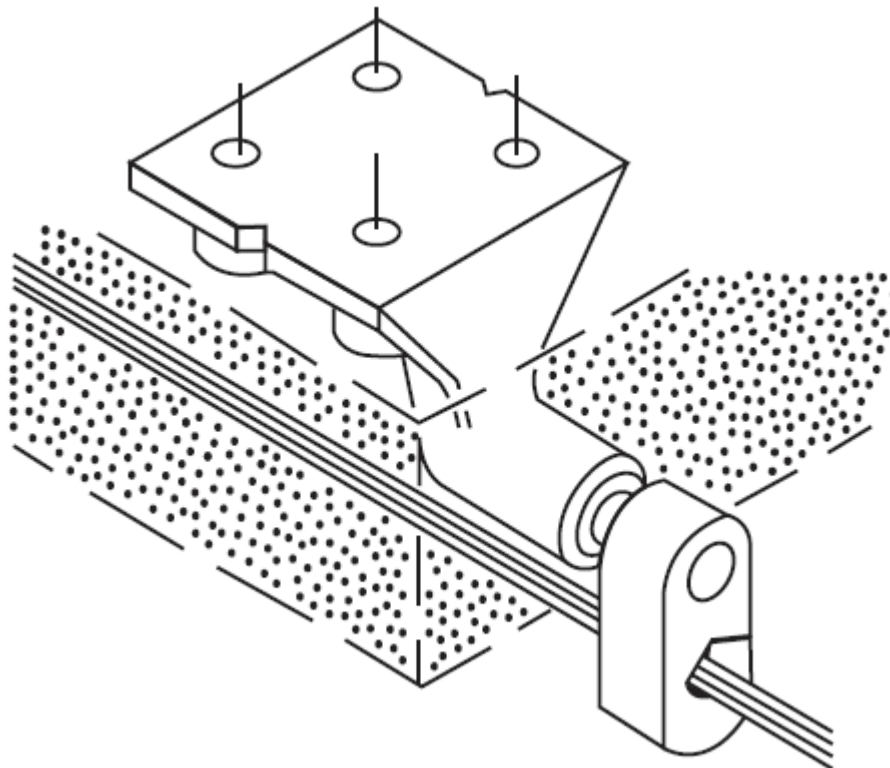
Step 6: Select and install proper die in tool. The die set information is stamped on the connector.



Step 7: Center the end of the connector (highlighted in red circle in page 2) in the tool and adjust the connector in right orientation with wire.

Step 8: Cycle crimping tool until audible pressure release is heard. Release tool.

Step 9: Fix the connector in the required place and fill concrete.



A Typical Installed Diagram