



FAQ What does Greaves offer for cable tray grounding?

Construction projects using cable tray often need hundreds or thousands of clamps to connect grounding jumpers between tray-sections, or to connect each tray section to a continuous ground wire. The type of grounding for cable tray on any particular project depends on the materials, local conditions and the specifying engineer. In terms of types of cable tray, recent innovations have resulted in new types of wire-type cable tray available on the market:

CT29 Thru-Grip™ clamp for wire-type tray. See catalog.

This unique clamp provides:

- small size
- direct wire-to-tray contact for a low resistance connection, and
- smooth surface facing inward to help avoid wire damage.

CTGG25 Cable Tray Clamp - See catalog.

This versatile clamp has bronze body with galvanized hardware, and provides:

- for one or two wires of 250MCM - #1/0AWG
- lay-in capability
- large contact surfaces for low resistance, and
- a low profile bolt head with smooth surface facing the inside of the tray to help avoid wire damage.

CTGG25-P Cable Tray Clamp - See catalog.

Fundamentally, this clamp is a CTGG25, with the addition that the body is tin-plated, as recommended for use on aluminum tray. The hardware is galvanized.

Additional types with lay-in capability, which can be used in cable tray applications, include:

- GBC250A Dual-rated, suitable for one wire to cable tray, as well as to I-beam.
- BTL Series - Dual-rated, bolts onto metal tray.
- GP Series - Dual-rated. For wire-type tray, connect the lay-in groove to the tray, and use the tap groove for the ground wire.
- TG, TGM, TGG, TGGM Series - Standard material is bronze.
For aluminum tray, these should be tin-plated or manufactured in aluminum.
- BS Series Bond Studs - Bronze – can be tin-plated
- JAR Series - Available in bronze or aluminum. See catalog.

Other types suitable for I-beam include the GBCH and the GBC40.

Any of the above bronze connectors can be supplied tin-plated.

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