GREAVES

# GROUNDING

## I-BEAM GROUNDING CLAMPS

To connect grounding electrode conductor to structural I-beam or metal frame
Can also be used on fence posts, trailer frames, cable tray
Series covers a wide range of beam and wire sizes
Eliminates drilling structural steel
Replaces exothermic welding

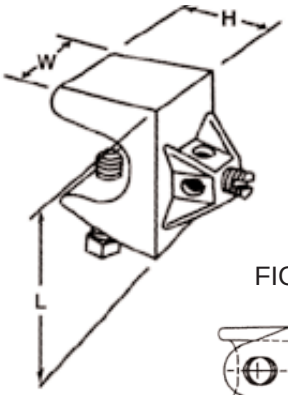
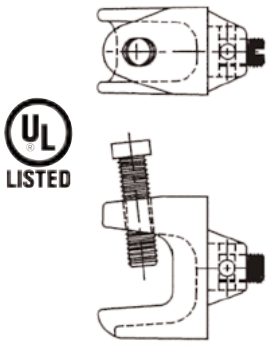



FIG. 1



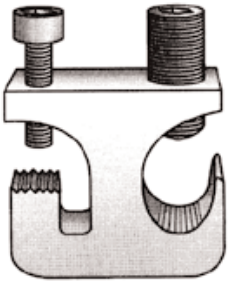
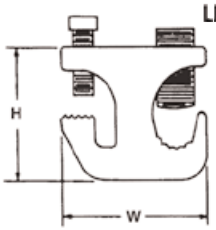


FIG. 2



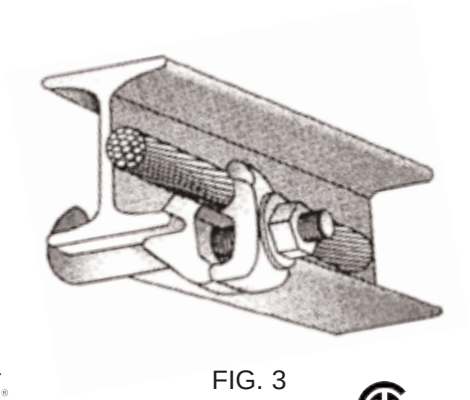
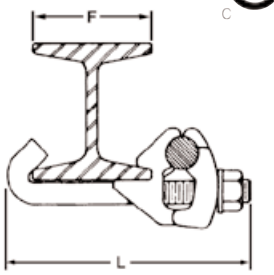



FIG. 3




### GBCH

High strength copper-alloy bronze casting
Steel hardware, zinc plated
Screw penetrates paint or oxide
Use to terminate wire
For use with copper wire only
UL (CU only)

### GBC250A

Aluminum body, tin-plated
Steel hardware, zinc plated
Screw penetrates paint or oxide
Dual-rated for copper or aluminum wire
Side-entry allows continuous loop
Also for sheet metal cable tray
UL (CUAL), CSA (CU only)

### GBC40

High strength copper-alloy bronze casting
Steel hardware, zinc plated
Clean beam surface for electrical contact
Side-entry allows continuous loop run
Shape of hook may vary by size
For use with copper wire only
CSA (CU only)

## GBC SERIES

| NAED NUMBER | CATALOG NUMBER | BEAM FLANGE (IN) F | BEAM FLANGE (IN) TH | WIRE RANGE MAX – MIN | DIMENSIONS (IN) W | DIMENSIONS (IN) L | DIMENSIONS (IN) H | FIG. | EST. SHIPPING WEIGHT (lbs) | EST. SHIPPING UNIT |
|---|---|---|---|---|---|---|---|---|---|---|
| 27190 | **GBCH6** | – | 5/8 MAX | #6 - #14AWG | 1 | 1 5/8 | 1 3/16 | 1 | 0.29 | EA |
| 27191 | **GBC250A** | – | 1/2 MAX | 250MCM - #6 | 2 | 7/8 | 1 3/4 | 2 | 0.27 | EA |
| 27192 | **GBC40-2** | 2 | 3/16 | 4/0 - #4STR | 1 | 4 1/2 | 1 3/4 | 3 | 0.52 | EA |
| 27194 | **GBC40-4** | 4 | 1/4 | 4/0 - #4STR | 1 | 6 1/2 | 1 3/4 | 3 | 0.57 | EA |
| 27196 | **GBC40-6** | 6 | 5/16 | 4/0 - #4STR | 1 | 8 1/2 | 1 3/4 | 3 | 0.62 | EA |
| 27198 | **GBC40-8** | 8 | 3/8 | 4/0 - #4STR | 1 | 10 1/2 | 1 3/4 | 3 | 0.67 | EA |

2005 NEC 250.52(A)(2) requires bonding all "present" grounding electrodes, including grounded I-Beams.

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