

# Set Screw and Non-Set Screw Insulated Grounding Bushings for Threadless/ Threaded Rigid Metal Conduit/IMC

GIB-LS-AC and GIB-L-AC Series - with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

GIB-LS-BC and GIB-L-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors Only.

## Applications

- GIB-LS Series insulated bushings fasten and ground threadless rigid metal conduit to an enclosure.
- GIB-L Series insulated bushings fasten and ground threaded rigid metal conduit to an enclosure.
- Can be used with a locknut to terminate conduit at an enclosure.
- Lug used to connect bonding jumper to a neutral bus bar.

## Features

- Temperature rating 150 °C.
- Insulating liner material is self-extinguishing.
- The plastic liner is tough. It won't chip, crack, swell or shrink. It resists corrosion, chemicals and temperature extremes. Surface friction is so low that wires can be pulled with virtually no abrasion on the cable insulation.

- GIB-LS Series is provided with a set-screw allowing fitting to lock bushing in any desired position.
- UL listed for use with copper or aluminum grounding conductors.
- Lugs not sold separately.

## Material/Finish

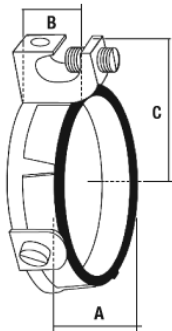
- Body: malleable iron/zinc plated
- Lug: aluminum/tin plated or bronze/bright dip
- Clamping and set screw: steel/zinc plated

## Certifications and Compliances

- UL Standard: 467
- UL Listed: E6581
- CSA Standard: C22.2 No. 41
- NEMA: FB-1

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products



| Catalog Number<br>Aluminum Lug | Catalog Number<br>Bronze Lug | Trade Size<br>(Inches) | Wire Size |         | Dimensions in Inches/Millimeters |                        |                                 |
|--------------------------------|------------------------------|------------------------|-----------|---------|----------------------------------|------------------------|---------------------------------|
|                                |                              |                        | Min.      | Max.    | A<br>Bushing<br>Diameter         | B<br>Bushing<br>Height | C<br>Turning<br>Radius<br>w/Lug |
| GIB-50LS-4AC                   | GIB-50LS-4BC                 | 1/2                    | 14 SOL    | 4 STR   | 1.19/<br>30.2                    | 0.44/<br>11.2          | 1.19/<br>30.2                   |
| GIB-75LS-4AC                   | GIB-75LS-4BC                 | 3/4                    | 14 SOL    | 4 STR   | 1.44/<br>36.6                    | 0.50/<br>12.7          | 1.31/<br>33.3                   |
| GIB-100LS-4AC                  | GIB-100LS-4BC                | 1                      | 14 SOL    | 4 STR   | 1.75/<br>44.5                    | 0.56/<br>14.2          | 1.44/<br>36.6                   |
| GIB-100LS-20AC                 | GIB-100LS-20BC               | 1                      | 14 SOL    | 2/0 STR | 1.75/<br>44.5                    | 0.56/<br>14.2          | 1.69/<br>42.9                   |
| GIB-125LS-4AC                  | GIB-125LS-4BC                | 1-1/4                  | 14 SOL    | 4 STR   | 2.13/<br>54.1                    | 0.63/<br>16.0          | 1.63/<br>41.4                   |
| GIB-125LS-20AC                 | GIB-125LS-20BC               | 1-1/4                  | 14 SOL    | 2/0 STR | 2.13/<br>54.1                    | 0.63/<br>16.0          | 1.41/<br>35.8                   |
| GIB-150LS-4AC                  | GIB-150LS-4BC                | 1-1/2                  | 14 SOL    | 4 STR   | 2.31/<br>58.7                    | 0.69/<br>17.5          | 1.75/<br>44.5                   |
| GIB-150LS-20AC                 | GIB-150LS-20BC               | 1-1/2                  | 14 SOL    | 2/0 STR | 2.31/<br>58.7                    | 0.69/<br>17.5          | 2.00/<br>50.8                   |
| GIB-200LS-4AC                  | GIB-200LS-4BC                | 2                      | 14 SOL    | 4 STR   | 2.81/<br>71.4                    | 0.75/<br>19.1          | 2.00/<br>50.8                   |
| GIB-200LS-20AC                 | GIB-200LS-20BC               | 2                      | 14 SOL    | 2/0 STR | 2.81/<br>71.4                    | 0.75/<br>19.1          | 2.25/<br>57.2                   |
| GIB-250LS-4AC                  | GIB-250LS-4BC                | 2-1/2                  | 14 SOL    | 4 STR   | 3.38/<br>85.9                    | 0.88/<br>22.4          | 2.25/<br>57.2                   |
| GIB-250LS-20AC                 | GIB-250LS-20BC               | 2-1/2                  | 14 SOL    | 2/0 STR | 3.38/<br>85.9                    | 0.88/<br>22.4          | 2.50/<br>63.5                   |
| GIB-250LS-25AC                 | GIB-250LS-25BC               | 2-1/2                  | 6 STR     | 250 STR | 3.38/<br>85.9                    | 0.88/<br>22.4          | 2.47/<br>62.7                   |
| GIB-300LS-4AC                  | GIB-300LS-4BC                | 3                      | 14 SOL    | 4 STR   | 4.06/<br>103.1                   | 1.31/<br>33.3          | 2.63/<br>66.8                   |
| GIB-300LS-20AC                 | GIB-300LS-20BC               | 3                      | 14 SOL    | 2/0 STR | 4.06/<br>103.1                   | 1.31/<br>33.3          | 2.81/<br>71.4                   |
| GIB-300LS-25AC                 | GIB-300LS-25BC               | 3                      | 6 STR     | 250 STR | 4.06/<br>103.1                   | 1.31/<br>33.3          | 3.31/<br>84.1                   |