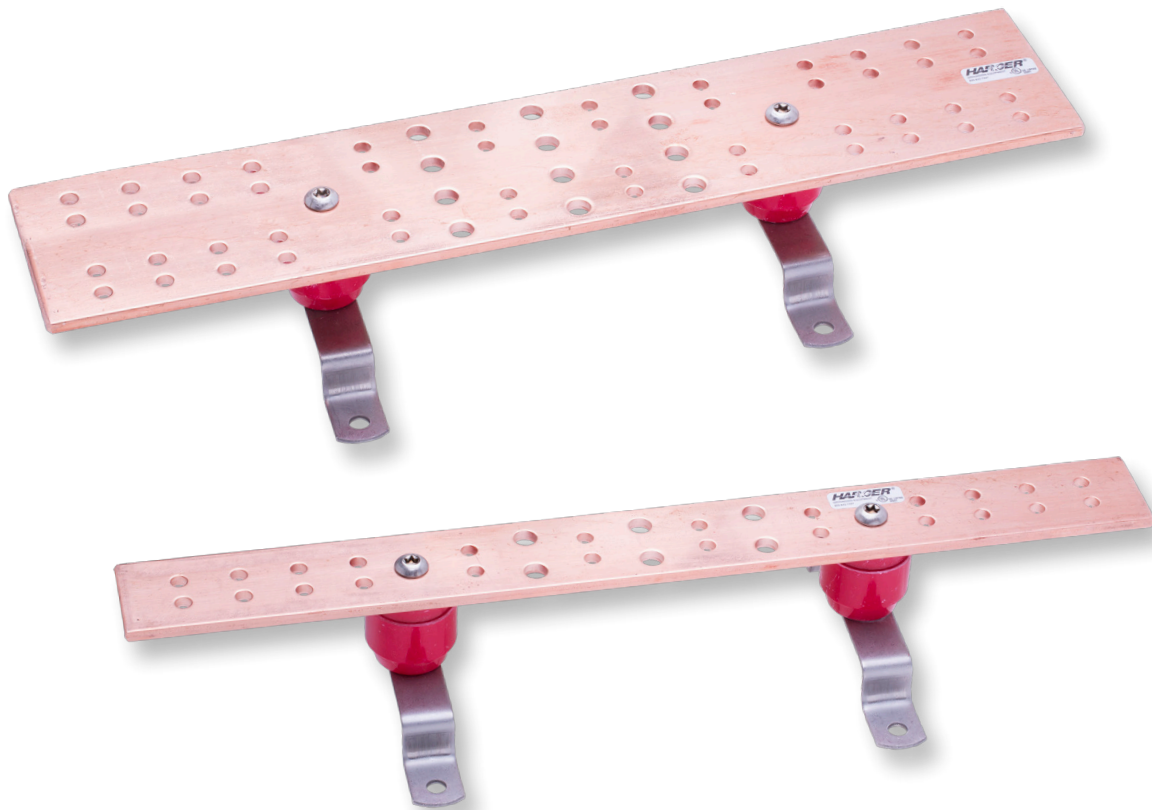


Grounding Busbars



Harger provides quality UL Listed grounding busbars to the electrical and telecommunication markets.

2" Wide Grounding Busbars & Kits

Part No.	Bar Size	Hole Pattern	No. of Holes	Approx. Wt. (lbs.)
GBI14210G	1/4" x 2" x 10"	G	14	2-1/2
GBI14210GKT*	1/4" x 2" x 10"	G	14	5-1/2
GBI14212G	1/4" x 2" x 12"	G	18	3
GBI14212GKT*	1/4" x 2" x 12"	G	18	6

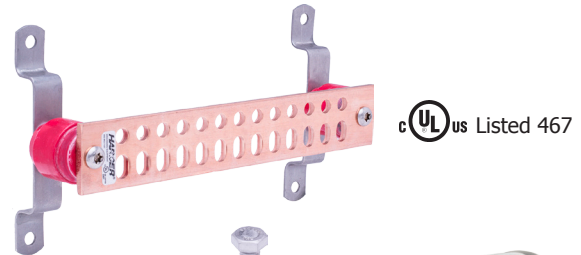
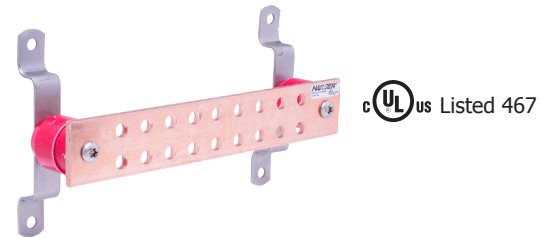
- Mounting holes not included in total No. of Holes.
- Accommodates "C" spaced two hole lugs (1" on center).
- 12" bar pictured. Holes are 7/16" diameter.

Part No.	Bar Size	Hole Pattern	No. of Holes	Approx. Wt. (lbs.)
GBI14210P	1/4" x 2" x 10"	P	20	2-1/2
GBI14210PKT*	1/4" x 2" x 10"	P	20	5-1/2
GBI14212P	1/4" x 2" x 12"	P	26	3
GBI14212PKT*	1/4" x 2" x 12"	P	26	6

- Mounting holes not included in total No. of Holes.
- Accommodates "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- 12" bar pictured. Holes are 7/16" diameter and slots are 7/16" x 11/16".

*Kit Includes:

- | | |
|---|--|
| (1) Grounding busbar with brackets & insulators | (1) GECLB4/02C: 4/0 compression lug |
| (3) GECLB62C: #6 compression lug | (18) CS68S: 3/8"-16x1" SS hex head cap screw |
| (2) GECLB22C: #2 compression lug | (9) BLW6S: 3/8"x1" bonding lug washer |
| (2) GECLB22CS: #2 compression lug | (18) N616S: 3/8"-16 SS hex nut |
| (1) GECLB2/02C: 2/0 compression lug | (1) HCAJC1/2: 1/2 oz. tube of antioxidant |



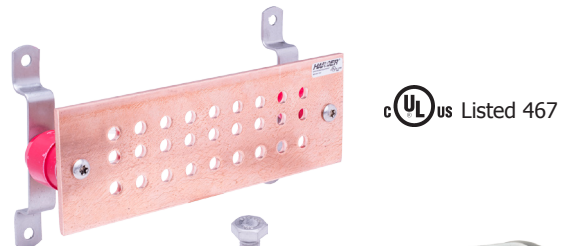
4" Wide Grounding Busbars & Kits

Part No.	Bar Size	Hole Pattern	No. of Holes	Approx. Wt. (lbs.)
GBI14412J	1/4" x 4" x 12"	J	27	5
GBI14412JKT*	1/4" x 4" x 12"	J	27	8
GBI14420J	1/4" x 4" x 20"	J	51	8
GBI14420JKT*	1/4" x 4" x 20"	J	51	10

- Mounting holes not included in total No. of Holes.
- Accommodates "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- 12" bar pictured. Holes are 7/16" diameter.

*Kit Includes:

- | | |
|---|--|
| (1) Grounding busbar with brackets & insulators | (1) GECLB4/02C: 4/0 compression lug |
| (4) GECLB62C: #6 compression lug | (24) CS68S: 3/8"-16x1" SS hex head cap screw |
| (3) GECLB22C: #2 compression lug | (12) BLW6S: 3/8"x1" bonding lug washer |
| (3) GECLB22CS: #2 compression lug | (24) N616S: 3/8"-16 SS hex nut |
| (1) GECLB2/02C: 2/0 compression lug | (1) HCAJC1/2: 1/2 oz. tube of antioxidant |

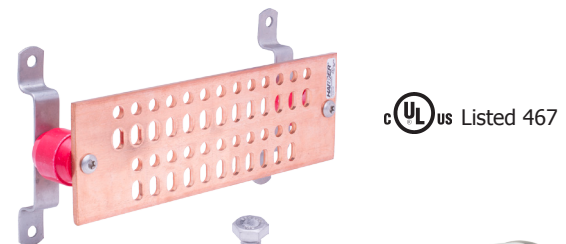


Part No.	Bar Size	Hole Pattern	No. of Holes	Approx. Wt. (lbs.)
GBI14412M	1/4" x 4" x 12"	M	48	5
GBI14412MKT*	1/4" x 4" x 12"	M	48	8
GBI14420M	1/4" x 4" x 20"	M	88	8
GBI14420MKT*	1/4" x 4" x 20"	M	88	11

- Mounting holes not included in total No. of Holes.
- Accommodates "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- 12" bar pictured. Holes are 7/16" diameter and slots are 7/16" x 11/16".

*Kit Includes:

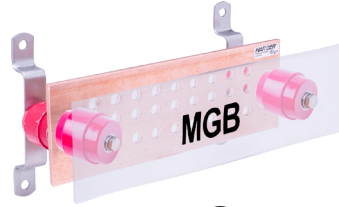
- | | |
|---|--|
| (1) Grounding busbar with brackets & insulators | (1) GECLB4/02C: 4/0 compression lug |
| (8) GECLB62C: #6 compression lug | (44) CS68S: 3/8"-16x1" SS hex head cap screw |
| (6) GECLB22C: #2 compression lug | (22) BLW6S: 3/8"x1" bonding lug washer |
| (6) GECLB22CS: #2 compression lug | (44) N616S: 3/8"-16 SS hex nut |
| (1) GECLB2/02C: 2/0 compression lug | (1) HCAJC1/2: 1/2 oz. tube of antioxidant |



Grounding Busbars with Plexiglass

Part No.	Bar Size	Hole Pattern	No. of Holes	Approx. Wt. (lbs.)
GBIP14412JMGB	1/4" x 4" x 12"	J	27	7
GBIP14420JMGB	1/4" x 4" x 20"	J	51	11

- Mounting holes not included in total No. of Holes.
- Accommodates "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- 12" bar pictured. Holes are 7/16" diameter.
- Plexiglass cover with MGB lettering. Other lettering available.



cULus Listed 467

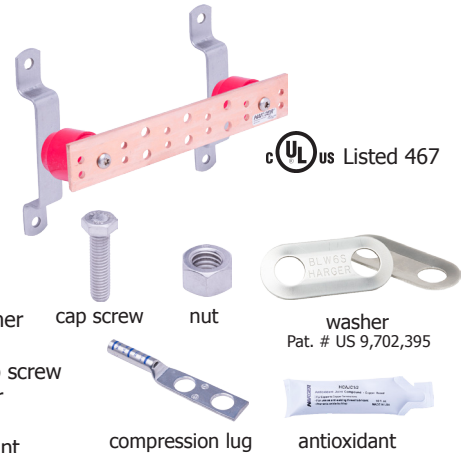
2" TGB Grounding Busbars & Kits

Part No.	Bar Size	No. of 5/16" Hole Sets	No. of 7/16" Hole Sets	Approx. Wt. (lbs.)
GBI14212TGB	1/4" x 2" x 12"	6	3	4
GBI14212TGBKT*	1/4" x 2" x 12"	6	3	5

- 5/16" hole sets on 5/8" centers. Accommodates "A" spaced two hole compression lugs.
- 7/16" hole sets on 1" centers. Accommodates "C" spaced two hole compression lugs.
- Meets "BICSI" and EIA/TIA 607 standards.

*Kit Includes:

- | | |
|---|---|
| (1) Grounding busbar with brackets & insulators | (6) BLW4S: 1/4"x5/8" bonding lug washer |
| (6) GECLB62A: #6 compression lug | (12) N420S: 1/4"-20 SS hex nut |
| (1) GECLB22C: #2 compression lug | (6) CS68S: 3/8"-16x1" SS hex head cap screw |
| (1) GECLB1/02C: 1/0 compression lug | (3) BLW6S: 3/8"x1" bonding lug washer |
| (1) GECLB2/02C: 2/0 compression lug | (6) N616S: 3/8"-16 SS hex nut |
| (1) GECLB3/02C: 3/0 compression lug | (1) HCAJC1/2: 1/2 oz. tube of antioxidant |
| (12) CS46S: 1/4"-20x3/4" SS hex head cap screw | |



cULus Listed 467

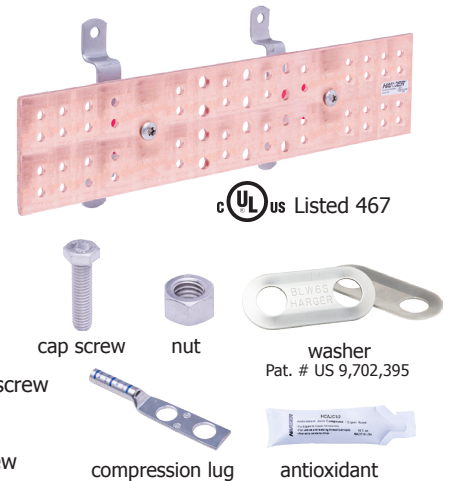
4" TMGB Grounding Busbars & Kits

Part No.	Bar Size	No. of 5/16" Hole Sets	No. of 7/16" Hole Sets	Approx. Wt. (lbs.)
GBI14412TMGB	1/4" x 4" x 12"	12	6	6-1/2
GBI14412TMGBKT*	1/4" x 4" x 12"	12	6	8
GBI14420TMGB	1/4" x 4" x 20"	24	6	9
GBI14420TMGBKT*	1/4" x 4" x 20"	24	6	11

- 5/16" hole sets on 5/8" centers. Accommodates "A" spaced two hole compression lugs.
- 7/16" hole sets on 1" centers. Accommodates "C" spaced two hole compression lugs.
- Meets "BICSI" and EIA/TIA 607 standards.
- 20" bar pictured.

*Kit Includes:

- | | |
|---|--|
| (1) Grounding busbar with brackets & insulators | (12) CS46S: 1/4"-20x3/4" SS hex head cap screw |
| (6) GECLB62A: #6 compression lug | (6) BLW4S: 1/4"x5/8" bonding lug washer |
| (1) GECLB22C: #2 compression lug | (12) N420S: 1/4"-20 SS hex nut |
| (1) GECLB1/02C: 1/0 compression lug | (6) CS68S: 3/8"-16x1" SS hex head cap screw |
| (1) GECLB2/02C: 2/0 compression lug | (3) BLW6S: 3/8"x1" bonding lug washer |
| (1) GECLB3/02C: 3/0 compression lug | (6) N616S: 3/8"-16 SS hex nut |
| (1) GECLB4/02C: 4/0 compression lug | (1) HCAJC1/2: 1/2 oz. tube of antioxidant |



cULus Listed 467

NOTES:

- All bars manufactured from electrolytic tough pitch 110 alloy copper bar.
- Bars available electro-tin plated. When ordering, add prefix T to part number.
- Other sizes available. Contact the factory for details.

Equipment Rack Grounding Busbars & Kits

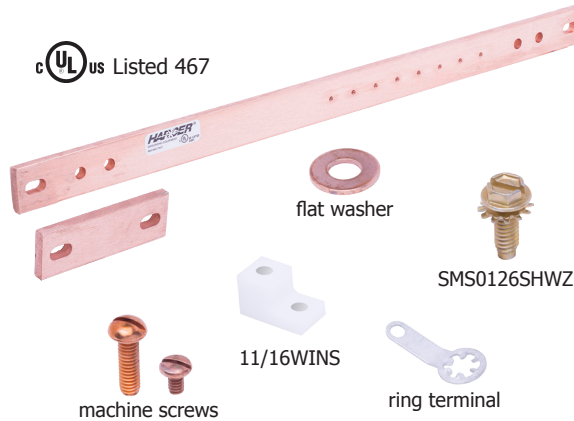
Horizontal

Part No.	Bar Size	Approx. Wt. (lbs.)
RGBH14119.25	1/4" x 1" x 19-1/4"	2
RGBHKIT14119.25*	1/4" x 1" x 19-1/4"	3
RGBH14123.25	1/4" x 1" x 23-1/4"	3
RGBHKIT14123.25*	1/4" x 1" x 23-1/4"	4
RGBH14135.25	1/4" x 1" x 35-1/4"	4
RGBHKIT14135.25*	1/4" x 1" x 35-1/4"	5

- 1/4" electrolytic tough pitch 110 copper alloy bar.
- Bar Only includes 3" bar splice plate.
- Designed to fit 19", 23" and 35" equipment racks.
- 19-1/4" busbar pictured.

*Kit Includes:

- | | |
|---|--------------------------------------|
| (1) Rack grounding busbar | (2) #12-24x3/4" copper machine screw |
| (1) 3" bar splice plate with two slotted holes | (2) #12 copper flat washer |
| (2) 11/16WINS: white delrin insulator | (8) #6-32x1/4" copper machine screw |
| (2) SMS0126SHWZ: 12-24x5/8" hex washer head screw | (8) #6 ring terminal |



Vertical

Part No.	Bar Size	Approx. Wt. (lbs.)
RGBV145836A	1/4" x 5/8" x 36"	2
RGBVKIT145836A*	1/4" x 5/8" x 36"	3-1/2
RGBV145872A	1/4" x 5/8" x 72"	4
RGBVKIT145872A*	1/4" x 5/8" x 72"	7

- 1/4" electrolytic tough pitch 110 copper alloy bar.
- Accommodates one hole lugs or two hole lugs (5/8" on center).
- Elongated mounting holes.
- 36" bar has 2 PEM studs 1" on center at one end for ground conductor connection.
- 72" bar has 4 PEM studs (two at each end) 1" on center for grounding conductor connections.
- 72" bar pictured.

*Kit Includes:

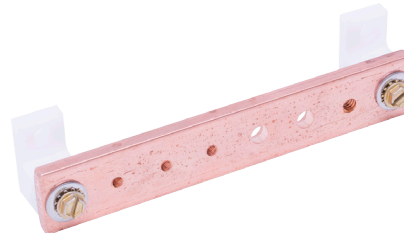
- | | |
|---|----------------------------------|
| (1) Rack grounding busbar | (4) LW5S: 5-16" SS lock washer |
| (8) CS44S: 1/4"-20x1/2" SS hex head cap screw | (8) LW4S: 1/4" SS lock washer |
| (3) 11/16WINS: white delrin insulator | (4) N518S: 5-16"-18 SS hex nut |
| (3) SMS0126SHWZ: 12-24x5/8" hex washer head screw | (1) GECLB22C: #2 compression lug |



Telco Ground Bar

GBIS1416CGB

- 1/4" x 1" x 6" electrolytic tough pitch copper alloy 110 bar.
- (3) 10-32 tapped holes designed to fit one hole lugs.
- (2) .281 punched holes designed to fit one hole lugs.
- (1) 1/4-20 tapped holes designed to fit one hole lugs.
- Pre-assembled with two #11/16WINS insulators and screws.
- Approximate weight 1/2 lbs.



Compression Lugs

Two Hole Long Barrel Compression Lugs

Part No.	Cable Size (AWG)	OC Dim. B/T Holes	Hole Size	Color Code	Box Qty.	Approx. Box Wt. (lbs.)
GECLB62A	6	.625"	1/4"	Blue	50	1-1/2
GECLB62C	6	1"	3/8"	Blue	50	2
GECLB22C	2	1"	3/8"	Brown	25	2
GECLB1/02C	1/0	1"	3/8"	Pink	10	2
GECLB2/02C	2/0	1"	3/8"	Black	10	1-1/2
GECLB3/02C	3/0	1"	3/8"	Orange	10	2
GECLB4/02C	4/0	1"	3/8"	Purple	10	2

- Manufactured from electro plated tinned copper.
- For use on copper or tinned copper conductors.
- Lugs have inspection ports.
- Other sizes available. Contact factory.



Slotted Long Barrel Compression Lugs

Part No.	Cable Size (AWG)	Hole Spacing Range	Hole Size	Color Code	Box Qty.	Approx. Box Wt. (lbs.)
GECLB62BC	6 Str.	.75" - 1"	3/8"	Blue	50	2
GECLB22BC	2 Str.	.75" - 1"	3/8"	Brown	50	2
GECLB22BCS	2 Sol.	.75" - 1"	3/8"	White	50	2

- Manufactured from electro plated tinned copper.
- For use on copper or tinned copper conductors.
- Lugs have inspection ports.



Antioxidant Joint Compound

Aluminum

Part No.	Size	Box Qty.	Approx. Box Wt. (lbs.)
HAAJC1/2	1/2 oz.	12	1/2
HAAJC8	8 oz.	12	6

- Oxide inhibiting joint compound used to improve electrical conductivity and enhance the integrity of the connection.
- Synthetic base with suspended zinc particles.
- Material is gray in color.
- Recommended for aluminum to aluminum connections, aluminum to copper connections and aluminum conduit threads.



Copper

Part No.	Size	Box Qty.	Approx. Box Wt. (lbs.)
HCAJC1/2	1/2 oz.	12	1/2
HCAJC8	8 oz.	12	6

- Oxide inhibiting joint compound used to improve electrical conductivity and enhance the integrity of the connection.
- Synthetic base with suspended copper particles.
- Material is copper in color.
- Recommended for copper to copper connections, copper threads and all grounding applications.



Stainless Steel Hardware

Bonding Lug Washers

Part No.	Size	Box Qty.	Approx. Box Wt. (lbs.)
BLW4S-250	1/4" x 5/8"	250	2-1/2
BLW6S-250	3/8" x 1"	250	3-3/4

Pat. # US 9,702,395



Hex Head Cap Screws

Part No.	Thread Size	Length	Box Qty.	Approx. Box Wt. (lbs.)
CS48S-100	1/4-20	1"	100	2
CS68S-100	3/8-16	1"	100	5



Nuts

Part No.	Thread Size	Box Qty.	Approx. Box Wt. (lbs.)
N420S-100	1/4-20	100	1
N616S-100	3/8-16	100	1-1/2



Mechanical Compression Tools



Part No.	Length	Approx. Wt. (lbs.)
MCT	24"	5

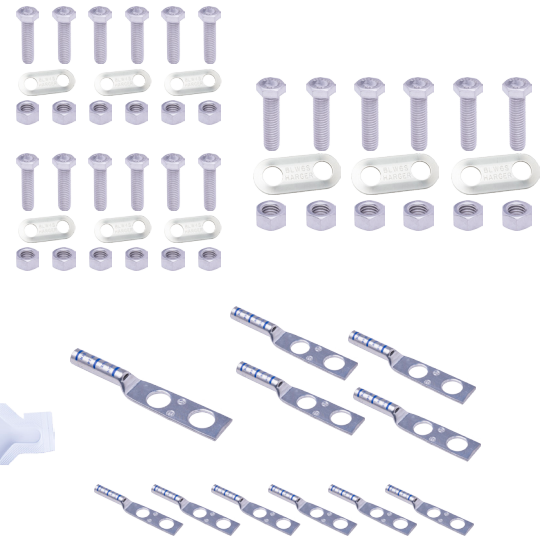
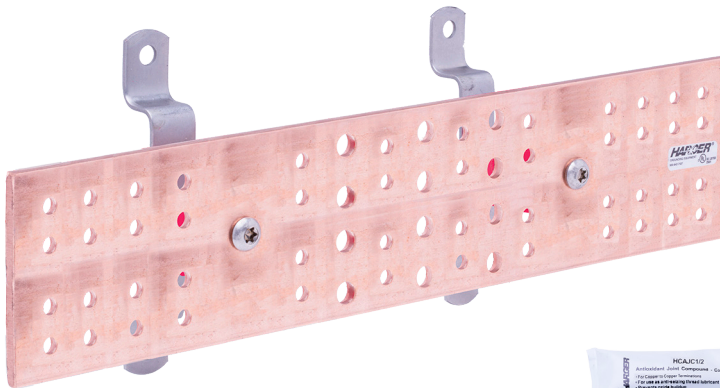
- Dieless adjustable compression tool with steel handle.
- Works with copper conductor sizes #8 AWG thru 250 MCM and aluminum conductors #8 AWG thru 4/0.
- For use with compression lugs and light duty compression taps.
- Approximately 2 tons of force.



Part No.	Length	Approx. Wt. (lbs.)
MCT101/0	10-1/2"	3

- Handy compression tool terminates copper compression connectors in wire sizes #10 AWG thru 1/0.
- Handle length facilitates two-handed crimps when necessary.
- Dies included.
- Approximately 2 tons of force.

Grounding Busbar Kits



Other Harger Products

Lightning Protection



Fence Grounding



Wireless Communication Equipment



Grounding Connectors

Ultraweld® Exothermic Connections
featuring UltraShot® & NUWTube®



Signal Reference Grids
aka Supplementary Bonding Grids



Specialized Ground Electrodes



Data-Com Bonding & Grounding



Harger Lightning & Grounding
301 Ziegler Drive • Grayslake, IL 60030
Phone: 800.842.7437 • 847-548-8700
Website: www.harger.com • Email: hargersales@harger.com



GBLC-8.17