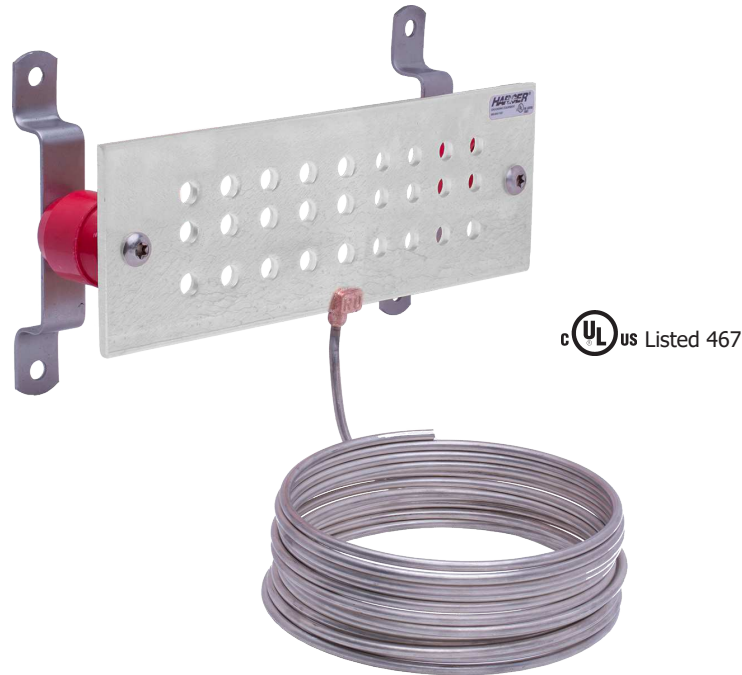
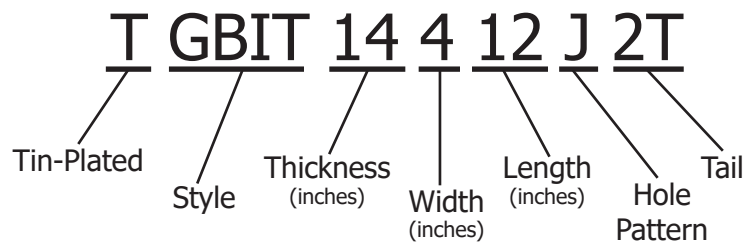


Harger Ground Bar Numbering System



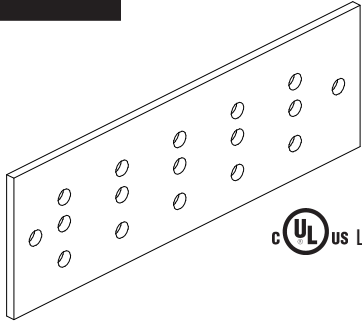
Simply follow the steps outlined below to specify the style and size of the ground bar you need. The following example is a ground bar with wall mounting brackets, insulators, and an exothermically welded tail. The ground bar is tin plated 1/4" thick, 4" wide and 12" long. It has a hole pattern "J" with a No. 2 AWG solid tinned tail.



1. **Style:**
 - GB - Plain ground bar.
 - GBA - Ground bar with stainless steel angle adapters.
 - GBI - Ground bar with wall mounting brackets and insulators.
 - HDGBI - Ground bar with heavy duty wall mounting brackets and insulators.
 - GBIT - Ground bar with wall mounting brackets, insulators and a 25' exothermically welded tail.
 - GBT - Ground bar with tail only.
 - GBS - Ground bar with standoff insulators only.
 - GBB - Ground bar with brackets only.
 - BGB - Bent ground bar.
 - GBIP - Ground bar with insulators, wall mounting brackets and plexiglass cover.
 - GBIA - Ground bar with insulators and stainless steel angle adapters.
 - GBU - Ground bar with insulators, wall mounting brackets and zinc plated malleable beam clamps.
2. **Size:** Thickness, width, length in inches.
3. **Hole Pattern:** See Pages 51-52 to specify hole pattern.
4. **Tail:** Specify American Wire Gauge (AWG) size and stranding required. 25' length is standard unless otherwise requested.
5. **T:** Prefix designates electro-tin plated ground bar.

Ground Bar Styles

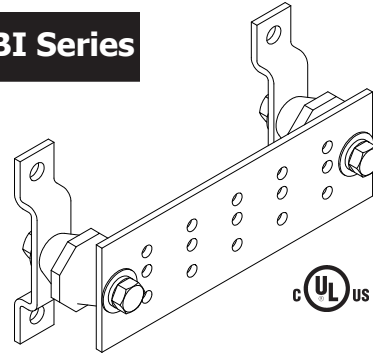
GB Series



cUL us Listed 467

Plain **G**round **B**ar

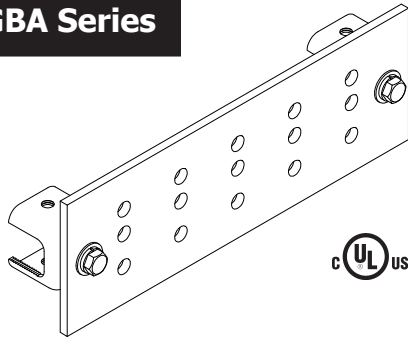
HDGBI Series



cUL us Listed 467

Heavy **D**uty **G**round **B**ar with **H**eavy **D**uty **W**all **M**ounting **B**rackets and **I**nsulators

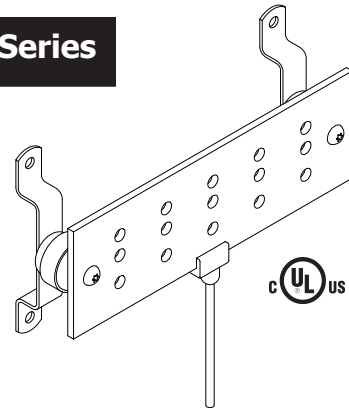
GBA Series



cUL us Listed 467

Ground **B**ar with **S**tainless **S**teel **A**ngle **A**dapters

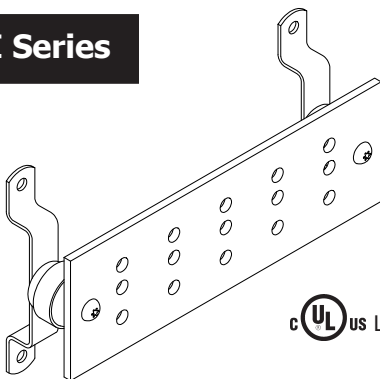
GBIT Series



cUL us Listed 467

Ground **B**ar with **W**all **M**ounting **B**rackets, **I**nsulators and a **25'** **E**xothermically **W**elded **T**ail

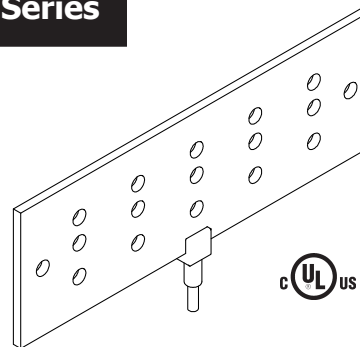
GBI Series



cUL us Listed 467

Ground **B**ar with **W**all **M**ounting **B**rackets and **I**nsulators

GBT Series

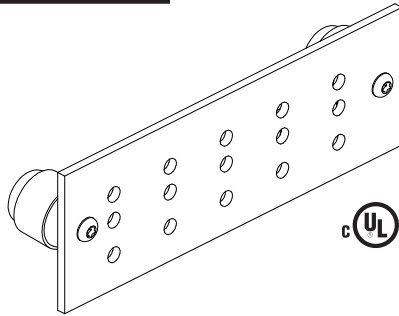


cUL us Listed 467

Ground **B**ar with a **25'** **E**xothermically **W**elded **T**ail

Ground Bar Styles

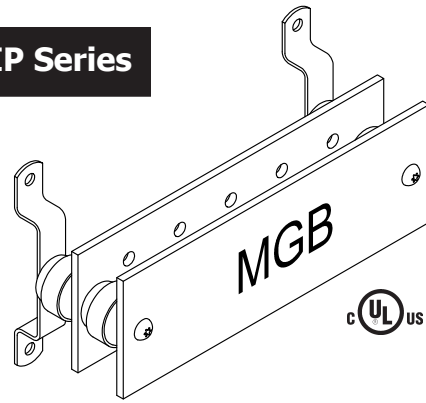
GBS Series



cUL US Listed 467

Ground Bar with Standoff Insulators Only

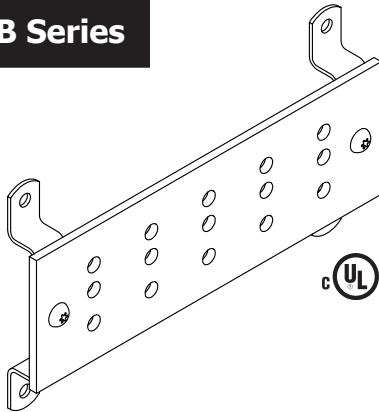
GBIP Series



cUL US Listed 467

Ground Bar with Insulators, Wall Mounting Brackets and Plexiglass Cover

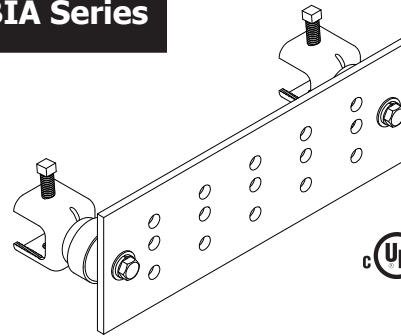
GBB Series



cUL US Listed 467

Ground Bar with Brackets Only

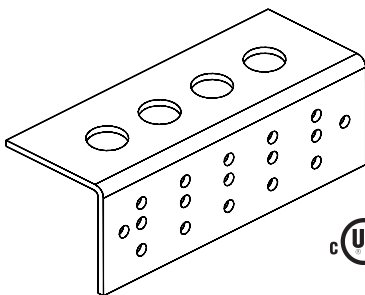
GBIA Series



cUL US Listed 467

Ground Bar with Insulators and Stainless Steel Angle Adapters

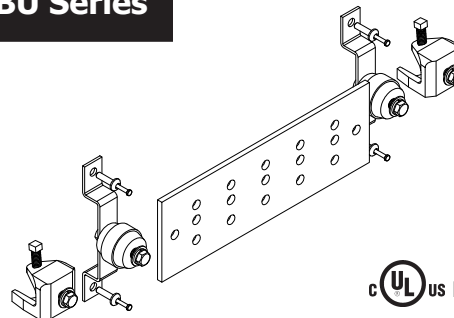
BGB Series



cUL US Listed 467

Bent Ground Bar

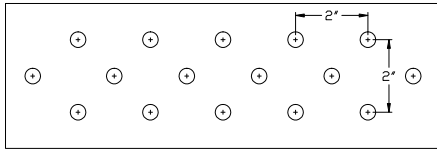
GBU Series



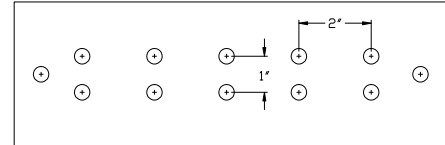
cUL US Listed 467

Ground Bar Universal with Insulators, Brackets and Zinc Plated Malleable Beam Clamp

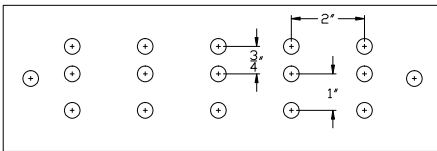
Ground Bar Hole Patterns



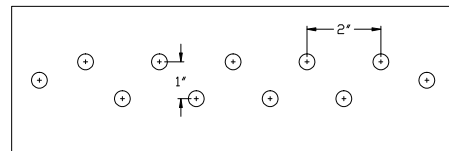
" A "



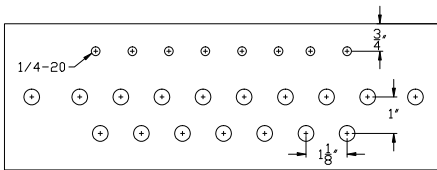
" B "



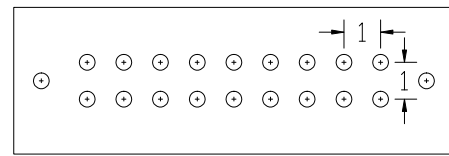
" C "



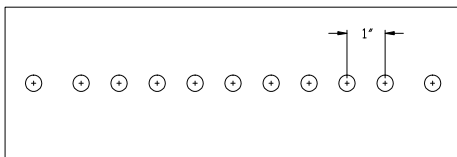
" D "



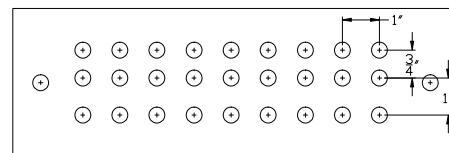
" F "



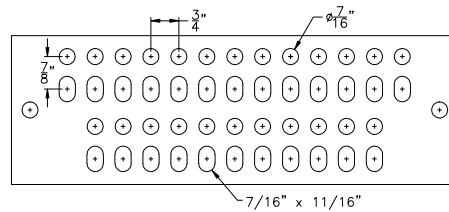
" G "



" H "



" J "

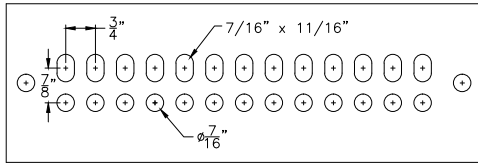


" M "

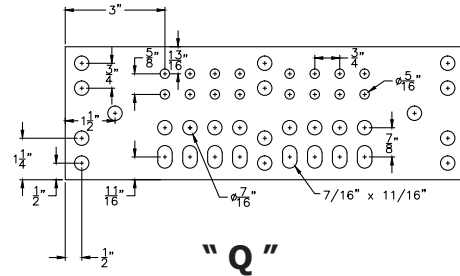
NOTES:

- All holes are 7/16" unless specified differently. To order threaded holes, specify hole size. The standard tapped hole size is 1/4-20 unless specified differently. Add suffix T to part number for tapped hole.
- Slotted hole patterns accommodate "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- Above bar patterns represent a 12" ground bar.
- All bars are available with electro-tin plating. Add prefix T to part number.

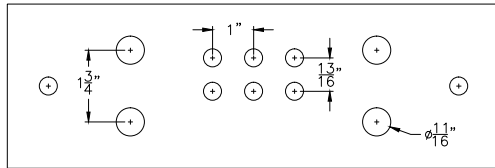
Ground Bar Hole Patterns



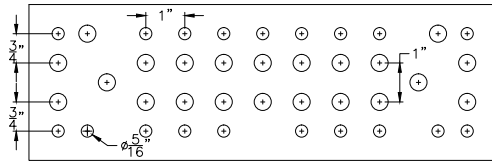
" P "



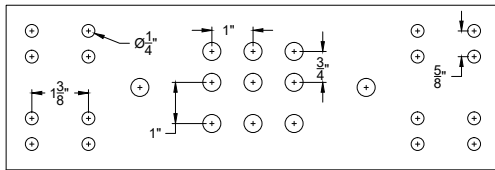
" Q "



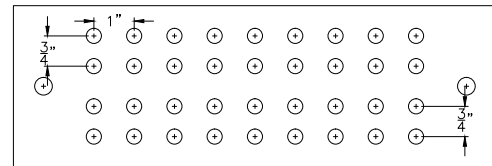
" R "



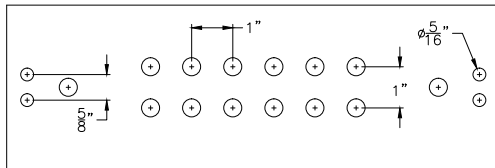
" T "



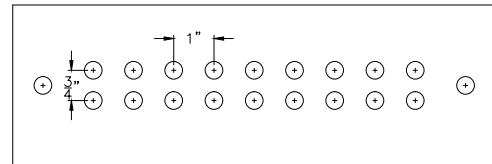
" V "



" W "



" X "



" Z "

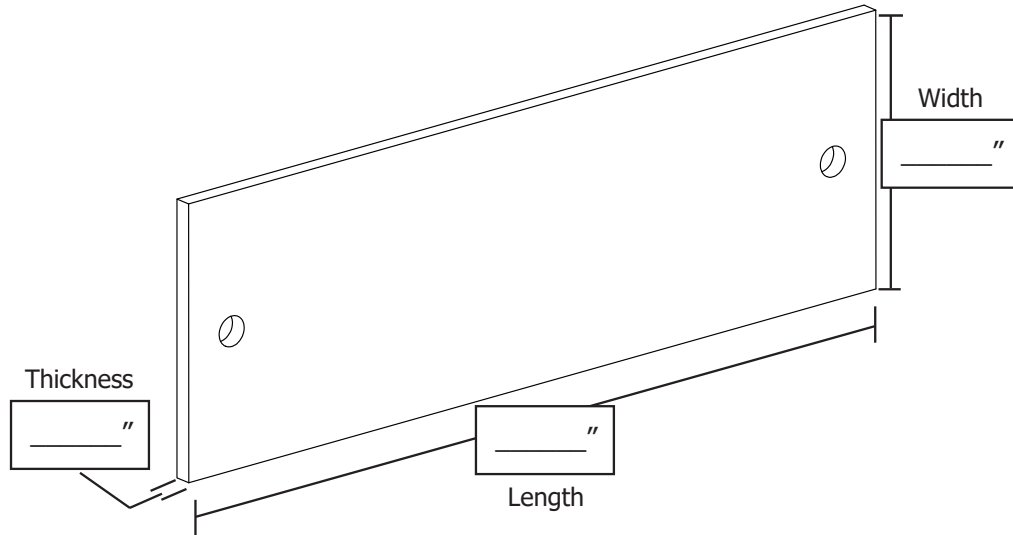


" N "

NOTES:

- All holes are 7/16" unless specified differently. To order threaded holes, specify hole size. The standard tapped hole size is 1/4-20 unless specified differently. Add suffix T to part number for tapped hole.
- Slotted hole patterns accommodate "B" and "C" spaced two hole lugs (3/4" and 1" on center).
- Above bar patterns represent a 12" ground bar.
- All bars are available with electro-tin plating. Add prefix T to part number.

Custom Ground Bar Design Sheet



Thickness: _____ Width: _____ Length: _____

Tamper Resistant Hardware: Y or N Part# _____

Plating: Y or N Type: _____

Holes: Punched Tapped Combo

Size Punched: _____ Size Tapped: _____

Exothermically Welded Tail: Y or N Size: _____

Stranded Solid Bare Tinned Insulated

Length: _____ (Show location of weld on bar.)

Standoff: Y or N Dim. Bar: _____

Type: Insulator _____ Nylon All-Thread _____

Plastic Cover: Y or N

Thickness: _____ Width: _____ Length: _____

Lettering: Y or N Size: _____ Color: _____

Text Shall Read Exactly as Follows:

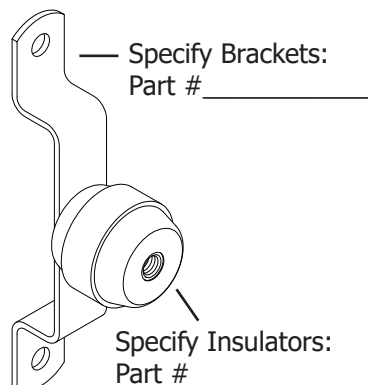
(Note: Show Cover Layout on a Separate Sheet.)

Other Options: _____

Bar Engraving / Etching: Y or N

Text Shall Read Exactly as Follows:

Simply fill out your requirements, submit the sheet to our factory and we will produce your custom ground bar in a timely fashion.



Insulators & Brackets can be found on pages 74 - 76.

GBI Ground Bars

"H" Pattern

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI1416H	1/4" x 1" x 6"	No	H	3	2
TGBI1416H	1/4" x 1" x 6"	Yes	H	3	2
GBI14112H	1/4" x 1" x 12"	No	H	9	3
TGBI14112H	1/4" x 1" x 12"	Yes	H	9	3
GBI14116H	1/4" x 1" x 16"	No	H	13	4
TGBI14116H	1/4" x 1" x 16"	Yes	H	13	4



- Accommodates one hole lugs using 3/8" hardware.
- 12" bar pictured. Holes are 7/16" diameter.

"G" Pattern

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI1426G	1/4" x 2" x 6"	No	G	6	2
TGBI1426G	1/4" x 2" x 6"	Yes	G	6	2
GBI14212G	1/4" x 2" x 12"	No	G	18	3
TGBI14212G	1/4" x 2" x 12"	Yes	G	18	3
GBI14216G	1/4" x 2" x 16"	No	G	26	4
TGBI14216G	1/4" x 2" x 16"	Yes	G	26	4



- Accommodates "C" spaced two hole lugs (1" on center).
- 12" bar pictured. Holes are 7/16" diameter.

"P" Pattern

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI1426P	1/4" x 2" x 6"	No	P	10	2
TGBI1426P	1/4" x 2" x 6"	Yes	P	10	2
GBI14212P	1/4" x 2" x 12"	No	P	26	3
TGBI14212P	1/4" x 2" x 12"	Yes	P	26	3
GBI14216P	1/4" x 2" x 16"	No	P	34	4
TGBI14216P	1/4" x 2" x 16"	Yes	P	34	4



- 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".

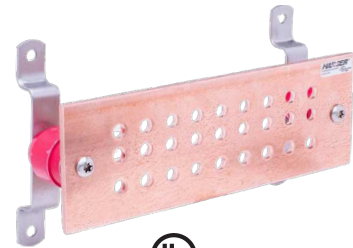
NOTES:

- Manufactured from electrolytic tough pitch copper alloy 110.
- Other sizes available. Please contact factory for more information.

GBI Ground Bars

"J" Pattern

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI1446J	1/4" x 4" x 6"	No	J	9	3
TGBI1446J	1/4" x 4" x 6"	Yes	J	9	3
GBI14412J	1/4" x 4" x 12"	No	J	27	5
TGBI14412J	1/4" x 4" x 12"	Yes	J	27	5
GBI14416J	1/4" x 4" x 16"	No	J	39	7
TGBI14416J	1/4" x 4" x 16"	Yes	J	39	7
GBI14420J	1/4" x 4" x 20"	No	J	51	8
TGBI14420J	1/4" x 4" x 20"	Yes	J	51	8
GBI14424J	1/4" x 4" x 24"	No	J	63	9
TGBI14424J	1/4" x 4" x 24"	Yes	J	63	9

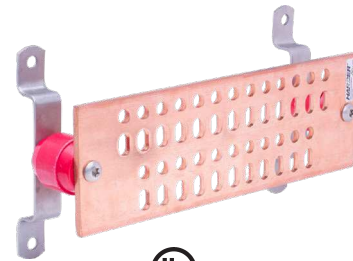


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- Accommodates "B", "C" and "D" spaced two hole lugs (3/4", 1" and 1-3/4" on center).
- 12" bar pictured. Holes are 7/16" diameter.

"M" Pattern

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI1446M	1/4" x 4" x 6"	No	M	16	3
TGBI1446M	1/4" x 4" x 6"	Yes	M	16	3
GBI14412M	1/4" x 4" x 12"	No	M	48	5
TGBI14412M	1/4" x 4" x 12"	Yes	M	48	5
GBI14416M	1/4" x 4" x 16"	No	M	68	7
TGBI14416M	1/4" x 4" x 16"	Yes	M	68	7
GBI14420M	1/4" x 4" x 20"	No	M	88	8
TGBI14420M	1/4" x 4" x 20"	Yes	M	88	8
GBI14424M	1/4" x 4" x 24"	No	M	112	9
TGBI14424M	1/4" x 4" x 24"	Yes	M	112	9



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- 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".

NOTES:

- Manufactured from electrolytic tough pitch copper alloy 110.
- Other sizes available. Please contact factory for more information.

GBI Ground Bar Kits

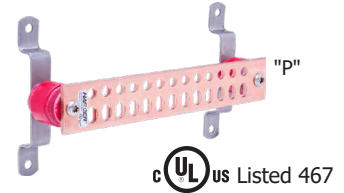
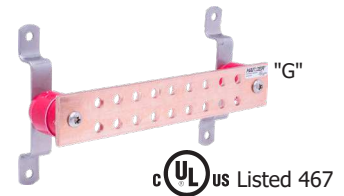
2" Wide Bar

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI14210GKT*	1/4" x 2" x 10"	No	G	14	5-1/2
TGBI14210GKT*	1/4" x 2" x 10"	Yes	G	14	5-1/2
GBI14212GKT*	1/4" x 2" x 12"	No	G	18	6
TGBI14212GKT*	1/4" x 2" x 12"	Yes	G	18	6
GBI14210PKT*	1/4" x 2" x 10"	No	P	20	5-1/2
TGBI14210PKT*	1/4" x 2" x 10"	Yes	P	20	5-1/2
GBI14212PKT*	1/4" x 2" x 12"	No	P	26	6
TGBI14212PKT*	1/4" x 2" x 12"	Yes	P	26	6

- Refer to page 54.

*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 Bar

Part No.	Bar Size	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI14412JKT*	1/4" x 4" x 12"	No	J	27	8
TGBI14412JKT*	1/4" x 4" x 12"	Yes	J	27	8
GBI14420JKT*	1/4" x 4" x 20"	No	J	51	10
TGBI14420JKT*	1/4" x 4" x 20"	Yes	J	51	10

- Refer to page 56.

*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	Electro Tin Plated	Hole Pattern	No. of Holes	Approx. Each Wt. (lbs.)
GBI14412MKT*	1/4" x 4" x 12"	No	M	48	8
TGBI14412MKT*	1/4" x 4" x 12"	Yes	M	48	8
GBI14420MKT*	1/4" x 4" x 20"	No	M	88	11
TGBI14420MKT*	1/4" x 4" x 20"	Yes	M	88	11

- Refer to page 56.

*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 |

