

# Types BLG, HBLG, ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

**NEC/CEC:**  
*Listed for Ordinary Locations*

## Applications

- To provide a compact means of grounding conduit through an Insulated Bushing.
- To protect insulated conductors from abrasion during pulling and mechanical vibration.
- To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

## Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150 °C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

## Standard Materials

### Type BLG:

- 1/2" and 3/4" - Steel
- 1" to 6" - Malleable iron

### Type HBLG:

- 1/2" and 3/4" - Steel
- 1" to 6" - Malleable iron

## Standard Finishes

### Type BLG:

- 1/2" and 3/4", 1" to 6" - Zinc plated with stainless steel screws

### Type HBLG:

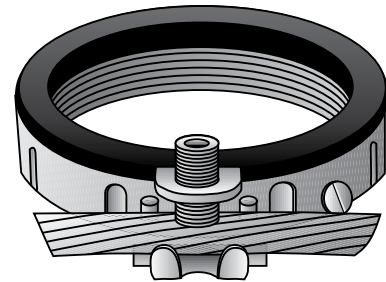
- 1/2" and 3/4", 1" to 6" - Mechanical/Hot dip galvanized with stainless steel screws

## Options

- Type BLG grounding bushings are also available for use on threaded conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HBLG. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467, 468
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



**Type BLG  
Threaded**

OSGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

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Grounding Wire Size ①			Dimensions in Millimeters (Inches)			Catalog Number	
Trade Size (Inches)	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Zinc Plated	Mechanically or Hot-Dip Galvanized
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	BLG-0504	HBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	BLG-0522	HBLG-0522
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	BLG-0704	HBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	BLG-0722	HBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	BLG-1104	HBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	BLG-1122	HBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	BLG-1204	HBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	BLG-1222	HBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	BLG-1504	HBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	BLG-1522	HBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	BLG-2004	HBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	BLG-2022	HBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	BLG-2604	HBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	BLG-2622	HBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	BLG-2624	HBLG-2624
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	BLG-2650	HBLG-2650
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	BLG-3104	HBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	BLG-3122	HBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	BLG-3124	HBLG-3124
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	BLG-3150	HBLG-3150
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	BLG-3604	HBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	BLG-3622	HBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	BLG-3624	HBLG-3624
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	BLG-3650	HBLG-3650
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	BLG-4104	HBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	BLG-4122	HBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	BLG-4124	HBLG-4124
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	BLG-4150	HBLG-4150
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	BLG-5104	HBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	BLG-5122	HBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	BLG-5124	HBLG-5124
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	BLG-5150	HBLG-5150
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	BLG-6104	HBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	BLG-6122	HBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	BLG-6124	HBLG-6124
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	BLG-6150	HBLG-6150

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.

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## Applications

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## Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

## Standard Materials

### Type ABLG:

- Aluminum bushing with stainless steel screws

### Type HRBLG:

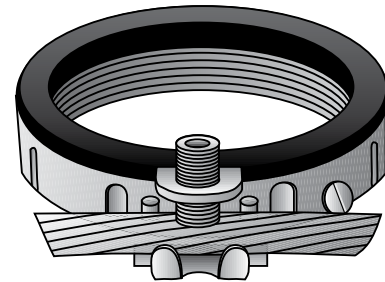
- Bronze bushing with stainless steel screws

## Options

- Type ABLG grounding bushings are also available for threadless conduit in bronze and/or aluminum. Specify: Type RSBLG for bronze bushings or Type ASBLG for aluminum bushings. Contact your local representative for pricing and availability.

## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



**Type ABLG  
Threaded**

02-6EDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

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For Threaded Rigid Conduit and IMC.

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Grounding Wire Size ①			Dimensions in Millimeters (Inches)			Catalog Number	
Trade Size (Inches)	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Copper Free Aluminum	Bronze
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	ABLG-0504	RBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	ABLG-0522	RBLG-0522
3/4	14	4	44.45 (1.75)	16.00 (0.63)	31.75 (1.25)	ABLG-0704	RBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	ABLG-0722	RBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	ABLG-1104	RBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	ABLG-1122	RBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	ABLG-1204	RBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	ABLG-1222	RBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	ABLG-1504	RBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	ABLG-1522	RBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	ABLG-2004	RBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	ABLG-2022	RBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	ABLG-2604	RBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	ABLG-2622	RBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	ABLG-2624	RBLG-2624
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	—	RBLG-2650
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	ABLG-3104	RBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	ABLG-3122	RBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	ABLG-3124	RBLG-3124
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	—	RBLG-3150
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	ABLG-3604	RBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	ABLG-3622	RBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	ABLG-3624	RBLG-3624
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	—	RBLG-3650
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	ABLG-4104	RBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	ABLG-4122	RBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	ABLG-4124	RBLG-4124
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	—	RBLG-4150
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	ABLG-5104	RBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	ABLG-5122	RBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	ABLG-5124	RBLG-5124
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	—	RBLG-5150
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	ABLG-6104	RBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	ABLG-6122	RBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	ABLG-6124	RBLG-6124
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	—	RBLG-6150

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.