

Grounding Insulated Bushings w/ Lay In Grounding Lug Product Overview (1)

Product Series: GB Grounding Bushings Threaded 1/2" to 4" Trade Sizes
Furnished with Factory Installed AL Lay-In Grounding Lug*

Material: Solid Alloy Steel Construction (AL Option)

Zinc Plated with Chromate Finish (Galvanizing Option)

Made in the USA

Twice the Strength, Durability and Suitability than Cast or Malleable Iron

Fully Precision Machined Surface
with Cut Machined Threads
Will Not Flatten or Cross
Smooth Burrless Surface for
Fast & Safe Wire Pulls

Set Screw for
Bonding to Conduit **



Alloy Steel
Zinc Plated with
Chromate Finish (Galvanized Option)
Full Hex Surfaces Allows
EZ Tightening to
Full Torque Values

*UL Listed, AL Lay-In Grounding Lug
Lug Options:

Wire Capacity Range #14 to 250mcm
Available in Copper or Tin Plated Copper

Factory Installed CAPTIVE Insulator
Exceeds UL Requirements for Push Out
Low Surface Friction - Wires Can Be
Pulled Fast With Virtually No Abrasion
On Cable Insulation

Insulated Throat Bushing is UV Stabilized, 105°C Rated
UL V-0 Self Extinguishing

In Normal Use, Will not Chip, Crack, Swell or Shrink

Excellent Wear & Friction Properties

1/2" to 2" PA (Polyamide) UL Listed

2 1/2" to 4" PEI (Polyetherimide) UL Listed



Set Screw for
Bonding to Conduit**

Set Screws & Attachment Screw

Machined Zinc Plated Steel Screws
Option: T304- Stainless Steel Screws

1/2" - 2" Furnished with 1 set screw

2 1/2" - 4" Furnished with 2 set screws

On Threaded Bushings Set Screws Provide
Redundant Locking

** 3 Machine Cut Fully Threaded Hole
120° Apart Provides EZ Location and
Positioning of Ground Lug, Eliminates
Twisting G-Wire and Fast Inspections

Attachment Screw for Mounting the Lug
to the Bushing - Move and Reposition to
Accomodate EZ Wiring of the Lug

Ground Bushings Steel Thr'd w/Lug

Size Range: 1/2" - 4"

Product Series: GB Grounding Bushings Threaded

Furnished with Factory Installed AL Lay In Grounding Lug*

Material: Solid Alloy Steel Construction

Zinc Plated with Chromate Finish**

Made in the USA

Solid Steel Construction with Factory Installed Insulator

Precision Fully Machined Body with Cut Threads

Flat Hex Surface for Full Torque Values

105° C Rated, UV Stabilized Insulator Throat Bushing

Twice the Strength and Durability of Die Cast & Malleable Iron

Low Surface Friction - Wires Can Be
Pulled Fast With Virtually No Abrasion On
Cable Insulation

Industrial SPEC-grade

For Use On Threaded Rigid/imc Conduit to Provide a
Means of Grounding Threaded Conduit Through an
Insulated Bushing.

EZ Wiring

3 Thr'd Machined
Holes to Accommodate
Lug Orientation



Threaded

Steel Set Screws in
Machined Threaded Holes
Vibration Resistant

EZ Installation & Wiring Move Lug to
Avoid Interference and Speed Wiring

Wire Tightening Engagement Screw

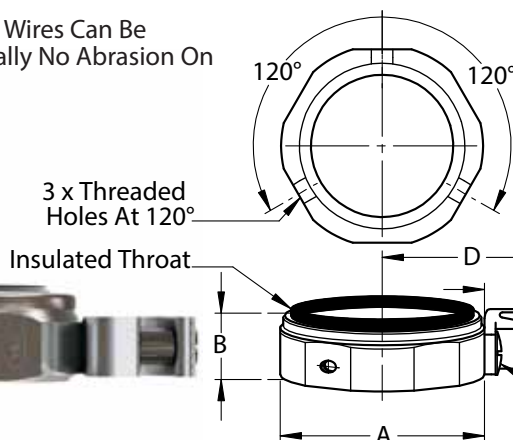
Set Screws Steel Zinc Plated: *Stainless Steel Option Available*

1- Attachment Screw for Mounting the Lug

Set Screws for Bonding to Conduit

1/2" - 2" furnished with 1 set screw

2 1/2" - 4" furnished with 2 set screws



3 x Threaded
Holes At 120°

Insulated Throat



Cat # (1)	Trade Size	Ø A	B	C	D	Lug Wire Range		Wt. Per/C
						Min Solid	Max Strand	
GB50BGL	1/2"	1-1/16"	5/8"	3/4"	1-5/16"	#14	#4	8
GB75BGL	3/4"	1-1/4"	5/8"	3/4"	1-3/8"	#14	#4	8
GB75BGL-0	3/4"	1-1/4"	5/8"	1-1/8"	1-11/16"	#8	#1/0	17
GB100BGL	1"	1-1/2"	3/4"	3/4"	1-1/2"	#14	#4	11
GB100BGL-0	1"	1-1/2"	3/4"	1-1/8"	1-7/8"	#8	#1/0	20
GB125BGL	1-1/4"	1-7/8"	3/4"	3/4"	1-11/16"	#14	#4	17
GB125BGL-0	1-1/4"	1-7/8"	3/4"	1-1/8"	2-1/16"	#8	#1/0	26
GB150BGL	1-1/2"	2-1/16"	3/4"	3/4"	1-13/16"	#14	#4	21
GB150BGL-0	1-1/2"	2-1/16"	3/4"	1-1/8"	2-1/8"	#8	#1/0	30
GB200BGL	2"	2-11/16"	3/4"	3/4"	2-1/6"	#14	#4	28
GB200BGL-0	2"	2-11/16"	3/4"	1-1/8"	2-3/8"	#8	#1/0	36
GB250BGL	2-1/2"	3-7/16"	1-1/16"	1-3/16"	2-13/16"	#14	#1/0	77
GB250BGL-250	2-1/2"	3-7/16"	1-1/16"	1-11/16"	3-3/8"	#6	250 MCM	90
GB300BGL	3"	4"	1-1/16"	1-3/16"	3-1/8"	#14	#1/0	89
GB300BGL-250	3"	4"	1-1/16"	1-11/16"	3-11/16"	#6	250 MCM	105
GB350BGL	3-1/2"	4-1/2"	1-1/16"	1-3/16"	3-3/8"	#14	#1/0	110
GB350BGL-250	3-1/2"	4-1/2"	1-1/16"	1-11/16"	3-15/16"	#6	250 MCM	124
GB400BGL	4"	5-1/8"	1-1/16"	1-3/16"	3-15/16"	#14	#1/0	121
GB400BGL-250	4"	5-1/8"	1-1/16"	1-11/16"	4-3/16"	#6	250 MCM	135

Compliances:

Certified Made in the USA

UL 514B, 467, NEMA FB1

Insulated Throat Bushing is UV Stabilized & 150° C Rated

In Normal Use, Will not Chip, Crack, Swell or Shrink

Excellent Wear & Friction Properties

1/2" to 2" PA (Polyamide) UL Listed

2 1/2" to 4" PEI (Polyetherimide) UL Listed

Federal Standard A-A-50553

CSA Standard: C22.2 No. 18F

RoHS Compliant

REACH Compliant

CA Prop 65 Compliant

UNSPSC 39121312



(1) Available Options:

Aluminum Construction for Aluminum Conduit - See Catalog Page GBAL

* Grounding Lug Options:

Copper Lug Add Suffix CU to Cat #

Consult Factory for Tin Plated Aluminum Lugs

Other Wire Lug Sizes Consult Factory

Set Screws & Attachment Screw Option:

Stainless Steel Set Screws Consult Factory

** Galvanized Plating Option:

For this Option, Add Suffix "G" to Above Cat Number