AMERICAN FITTINGS Corporation

Since 1946

Industrial **SPEC**-grade

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 (Galavanizing 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 Extingushing
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 Redunctant Locking

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

Atachment 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

Industrial SPEC-grade

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

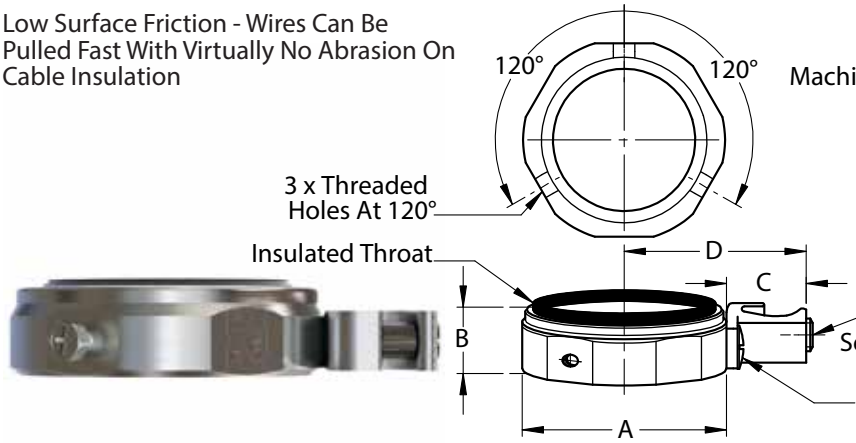
Solid Steel Construction with Factory Installed Insulator
Precison Fully Machined Body with Cut Threads
Flat Hex Surface for Full Torque Values
105°C Rated, UV Stabilized Insulator Throat Bushing

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

EZ Wiring
3 Thr'd Machined Holes to Accommodate Lug Orientation

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- Atachment 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

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 Stablized & 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

c UL us LISTED E101868

(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 & Attachmemt Screw Option:
Stainless Steel Set Screws Consult Factory

** Galvanized Plating Option:
For this Option, Add Suffix "G" to Above Cat Number

Rev1222.R1

© Copyright 2022 AMERICAN FITTINGS Corporation Fair Lawn, NJ
Specifications Subject to Change Without Notice