



OCAL PVC COATED CONDUIT BUSHING

This will certify that materials manufactured by Ocal, - a division of Thomas & Betts Corporation are in exact compliance with our published descriptive literature, specification sheets and/or drawings.

The following is a list of Ocal PVC coated conduit bushings and ground bushings with the original fitting catalog number and the material they are made from.

BU1/2-G	= 1222	Steel
BU3/4-G	= 1223	Steel
BU1-G	= 1224	Steel
BU11/4-G	= 1225	Steel
BU11/2-G	= 1226	Steel
BU2-G	= 1227	Malleable Iron
BU21/2-G	= 1228	Malleable Iron
BU3-G	= 1229	Malleable Iron
BU31/2-G	= 1230	Malleable Iron
BU4-G	= 1231	Malleable Iron
BU5-G	= 586	Malleable Iron
GRBUSHING3/4-G	= 3871-TB	Malleable iron-Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING1-G	= 3872	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING11/4-G	= 3873	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING11/2-G	= 3874	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING2-G	= 3875	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING21/2-G	= 3876	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING3-G	= 3877	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING31/2-G	= 3878	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug
GRBUSHING4-G	= 3879	Malleable iron -Electro Zinc Plated Bushing/Tin Plated Alum lug

* All ground bushings feature a tin plated aluminum lay-in type lug for #14 - #4 conductor.

Bushings, nipples, locknuts and plugs

Insulated throat fittings and metallic bushings



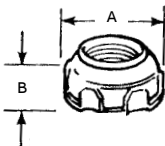
- Meets and surpasses NEC® requirements
- Steel or malleable iron (steel through 1½")
- Exceeds NEC 373-6C requirements for protection of ungrounded connectors at entrance to raceways, pull boxes and junctions
- Recognizable by distinctive trademarked blue insulating liner in throat
- Reduces wire pulling effort by as much as 50%
- Temperature rating of 105 °C
- Look for the unique blue color, ensuring the highest quality fitting

- Locknut-type base improves bonding and resists loosening under vibration.
- Aluminum, steel or malleable iron (steel through 1½")
- Smoothly rounded shoulder covers end of conduit
- Broad flange covers knockout hole
- High ribs for easy tightening with fingers or with wrench
- ½" to 1½" sizes, formed in steel, feature extra-smooth shoulders

Insulated throat fittings

Cat. no.	Dimensions (in.)			
	Steel or M.I.	Alum.	Size (in.)	B
1222	1222AL	½	1 ¹ / ₃₂	2 ⁹ / ₆₄
1223	1223AL	¾	1 ⁹ / ₃₂	3 ¹ / ₆₄
1224	1224AL	1	1 ¹⁹ / ₃₂	1 ¹ / ₃₂
1225	1225AL	1¼	1 ¹⁵ / ₁₆	2 ¹ / ₃₂
1226	1226AL	1½	2 ³ / ₁₆	2 ³ / ₃₂
1227	1227AL	2	2 ¹¹ / ₁₆	7 ⁷ / ₈
1228	1228AL	2½	3 ³ / ₁₆	1 ¹ / ₃₂
1229	1229AL	3	3 ²⁷ / ₃₂	5 ¹ / ₁₆
1230	1230AL	3½	4 ⁷ / ₁₆	1 ¹ / ₁₆
1231	1231AL	4	4 ⁷ / ₈	1 ³ / ₃₂
1232†	1232AL†	4½	–	–
586	586AL	5	5 ³¹ / ₃₂	1 ⁹ / ₃₂
587	587AL	6	7 ³ / ₁₆	1 ¹¹ / ₃₂

Diagram



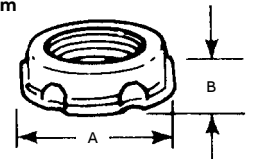
Nylon insulated metallic bushings

Metallic bushings



Cat. no.	Dimensions (in.)			
	Steel or M.I.	Alum.	Size (in.)	B
122	122AL	½	1 ¹ / ₃₂	1 ³ / ₃₂
123	123AL*	¾	1¼	7 ¹ / ₁₆
124	124AL**	1	1 ⁹ / ₁₆	½
125-TB	125AL	1¼	1 ²⁹ / ₃₂	9 ¹ / ₁₆
126	126AL	1½	2 ⁵ / ₃₂	1 ⁹ / ₃₂
127	127AL	2	2 ²¹ / ₃₂	5 ⁵ / ₈
128	128AL	2½	3 ³ / ₁₆	¾
129	129AL	3	3 ²⁷ / ₃₂	1 ³ / ₁₆
130-TB	130AL	3½	4 ³ / ₈	1 ⁵ / ₁₆
131-TB	131AL	4	4 ¹⁵ / ₁₆	1
132-TB	–	4½	5 ⁷ / ₁₆	1 ⁵ / ₆₄
133-TB	133AL	5	6	1 ³ / ₁₆
134-TB	134AL	6	7¼	1¼

Diagram



† Not CSA certified
Catalog series 1222 through 1232, 586 and 587 are available in aluminum.
Add suffix AL to cat. no. The aluminum series fittings are not CSA certified.

* Not UL listed or CSA certified
** Not CSA certified
Available with DURA-PLATE® finish.
UL File No. E-23018
CSA File No. 2884

Bushings, nipples, locknuts and plugs

Threaded insulated grounding bushing



Application

- For quick installation of bonding jumper to multiple metal conduits (rigid and IMC)
- Designed to bush conductors and prevent insulation damage

Features

- Ease of installation, lay-in lug design
- Cast malleable iron body designed to lock insulator in place within body, reducing common assembly problem resulting in dislodging of insulator
- Insulator rated for 150 °C/302 °F application
- Look for the unique blue color, ensuring the highest quality fitting

Standard material/finish

- Body: Electro zinc plated
- Lay-in lug: Aluminum/tin plated
- Insulator: Thermoplastic 150 °C/302 °F application with 94V-0 flammability

* Options

- Available in stainless steel 316 (add suffix “SST”)
- Body: Stainless steel 316
- Lay-in lug: Stainless steel 316
- Insulator: Thermoplastic 150 °C/302 °F
- Application with 94V-0 flammability
- Finish : Polished

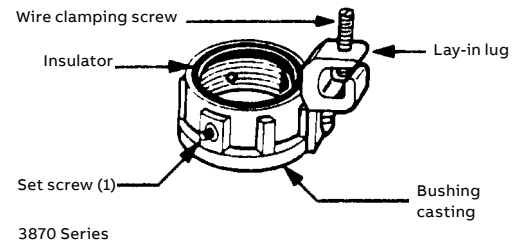
Threaded insulated grounding bushing



Cat. no.	Dimensions (in.)						Wire range (AWG Cu/Al)
	Conduit size (in.)	Bushing dia.	Throat dia.	Lug length	Swing radius	Bushing height	
3870-TB	½	1.125	0.560	1.310	1.212	0.657	#14-#4
3861	½	1.125	0.560	1.675	1.402	0.657	#8-2/0
3871-TB**	¾	1.420	0.742	1.310	1.360	0.660	#14-#4
3862	¾	1.420	0.742	1.675	1.550	0.660	#8-2/0
3872**	1	1.770	0.944	1.310	1.535	0.735	#14-#4
3882	1	1.770	0.944	1.675	1.725	0.735	#8-2/0
3873	1¼	2.190	1.242	1.310	1.745	0.735	#14-#4
3883	1¼	2.190	1.242	1.675	1.935	0.735	#8-2/0
3874	1½	2.468	1.449	1.310	1.884	0.770	#14-#4
3884	1½	2.468	1.449	1.675	2.074	0.770	#8-2/0
3875	2	3.031	1.860	1.310	2.165	0.770	#14-#4
3889	2	3.031	1.860	1.675	2.355	0.770	#8-2/0
3876	2½	3.516	2.222	1.310	2.408	0.940	#14-#4
3886	2½	3.516	2.222	1.675	2.598	0.940	#8-2/0
3993	2½	3.516	2.222	2.230	2.928	0.940	#6-4/0

Cat. no.	Dimensions (in.)						Wire range (AWG Cu/Al)
	Conduit size (in.)	Bushing dia.	Throat dia.	Lug length	Swing radius	Bushing height	
3877	3	4.234	2.761	1.310	2.767	0.975	#14-#4
3887	3	4.234	2.761	1.675	2.957	0.975	#8-2/0
3994	3	4.234	2.761	2.230	3.287	0.975	#6-4/0
3878	3½	4.781	3.193	1.310	3.040	0.975	#14-#4
3863	3½	4.781	3.193	1.675	3.230	0.975	#8-2/0
3995	3½	4.781	3.193	2.230	3.560	0.975	#6-4/0
3879	4	5.328	3.623	1.310	3.314	0.980	#14-#4
3864	4	5.328	3.623	1.675	3.504	0.980	#8-2/0
3996	4	5.328	3.623	2.230	3.834	0.980	#6-4/0
3880	5	6.328	4.542	1.310	3.814	0.985	#14-#4
3865	5	6.328	4.542	1.675	4.000	0.985	#8-2/0
3998	5	6.328	4.542	2.230	4.334	0.985	#6-4/0
3881	6	7.406	5.458	1.310	4.353	1.200	#14-#4
3866	6	7.406	5.458	1.675	4.543	1.200	#8-2/0
3999	6	7.406	5.458	2.230	4.875	1.200	#6-4/0

Diagram



Temperature rating 150 °C
 Meets Coast Guard Regulation CG293
 Available with DURA-PLATE® finish.
 *Available in stainless steel 316.
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