

Rigid and Intermediate Metal Conduit Fittings

Blackjack® – Conduit Grounding Bushings



Cat. No.		Conduit Size (in.)	Dim.				E Max.	Wire Range
Zinc Plated Malleable Iron	Aluminum		ØA Max.	ØB Max.	ØC Max.	ØD Max.		
BG050-14-20	BGA050-14-20	1/2	1.251	0.569	1.181	2.134	0.696	14-2/0
BG050-14-4	BGA050-14-4		1.251	0.569	1.027	1.940		14-4
BG075-14-20	BGA075-14-20	3/4	1.533	0.772	1.221	2.414		14-2/0
BG075-14-4	BGA075-14-4		1.533	0.772	1.030	2.168		14-4
BG100-14-20	BGA100-14-20	1	1.783	0.993	1.181	2.581		14-2/0
BG100-14-4	BGA100-14-4		1.783	0.993	1.027	2.368		14-4
BG125-14-20	BGA125-14-20	1-1/4	2.220	1.319	1.181	2.987	0.759	14-2/0
BG150-14-20	BGA150-14-20	1-1/2	2.470	1.553	1.181	3.236	0.696	14-2/0
BG200-14-20	BGA200-14-20	2	2.830	2.010	1.181	3.766		14-2/0
BG250-14-20	BGA250-14-20	2-1/2	3.148	2.412	1.181	4.341	0.978	14-2/0
BG250-6-40	BGA250-6-40		3.148	2.412	1.524	4.526		6-4/0
BG300-14-20	BGA300-14-20	3	4.042	3.022	1.181	4.966		14-2/0
BG300-6-40	BGA300-6-40		4.042	3.022	1.524	5.139		6-4/0
BG350-14-20	BGA350-14-20	3-1/2	4.542	3.491	1.181	5.467		14-2/0
BG350-6-40	BGA350-6-40		4.542	3.491	1.524	5.639		6-4/0
BG400-14-20	BGA400-14-20	4	5.042	3.975	1.181	5.966	0.978	14-2/0
BG400-6-40	BGA400-6-40		5.042	3.975	1.524	6.139		6-4/0
BG500-14-20	BGA500-14-20	5	6.136	4.991	1.181	7.045		14-2/0
BG500-6-40	BGA500-6-40		6.136	4.991	1.524	7.207		6-4/0
BG600-14-20	BGA600-14-20	6	7.199	6.009	1.181	8.087		14-2/0
BG600-6-40	BGA600-6-40		7.199	6.009	1.524	8.409		6-4/0

Suggested Specifications
Insulated grounding and bonding bushing
(Series BG050-BG600)

Where code requires bonding and grounding of single or multiple metal conduits, or positive bonding and grounding of metal conduit to the box, enclosure or auxiliary gutter, the end of the conduit shall be equipped with an insulated metallic grounding and bonding bushing Series BG050-14-20 as manufactured by Thomas & Betts.

Grounding and bonding bushings used shall be approved for the purpose and

(i) Shall be of malleable iron/steel/aluminum construction adequately protected against corrosion.

(ii) Bushing insulator shall be listed or certified for 150°C/302°F application with a flammability rating of 94V-0. Insulator must be positively locked in place.

* Mechanical galvanization is available in the 3870 Series; add suffix **MG** to Cat. No.

