

Instructions

Drilled and tapped conduit openings will be evenly spaced and located in the area indicated on the location chart. Critical conduit opening locations may be indicated by supplying a diagram similar to the one shown at right indicating critical dimensions and locations. Specific conduit openings must be located dimensionally from box centerlines to conduit centerlines and from outside back surface of box to conduit centerline.

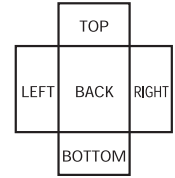
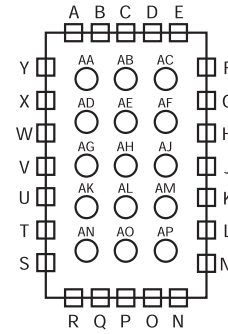
Ordering Information:

- (1) Select the letter on location chart which indicates conduit opening position desired.
- (2) Select symbol number from chart which indicates conduit opening type and size.

(3) Combine the conduit location letter, size and type number, and add as a suffix to junction box catalog number.

Example: XB-12168-C3-J5-PI3-AH4

EXB/XB/XJB/DB/GR SYMBOL NUMBERS		
CONDUIT SIZE	CONDUIT OPENINGS DRILLED AND TAPPED	UNION®
1/2"	1	11
3/4"	2	12
1"	3	13
1-1/4"	4	14
1-1/2"	5	15
2"	6	16
2-1/2"	7	17
3"	8	18
3-1/2"	9	19
4"	0	10
5"	02	-
6"	04	-



Drawing indicates position as looking into open face of box with short side (top) up.

EXB/XB/XJB/DB/GR MINIMUM CENTERS FOR DRILLED AND TAPPED OPENINGS AND UNION HUBS													
SIZE	FORM	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
1/2"	ⓄMIN	1-3/16"	-	-	-	-	-	-	-	-	-	-	-
1/2"	ⓄPRE	1-3/8"	-	-	-	-	-	-	-	-	-	-	-
1/2"	ⓄGU	1-5/8"	-	-	-	-	-	-	-	-	-	-	-
3/4"	ⓄMIN	1-3/8"	1-1/2"	-	-	-	-	-	-	-	-	-	-
3/4"	ⓄPRE	1-1/2"	1-5/8"	-	-	-	-	-	-	-	-	-	-
3/4"	ⓄGU	1-3/4"	1-13/16"	-	-	-	-	-	-	-	-	-	-
1"	ⓄMIN	1-1/2"	1-3/4"	1-13/16"	-	-	-	-	-	-	-	-	-
1"	ⓄPRE	1-3/4"	1-7/8"	2"	-	-	-	-	-	-	-	-	-
1"	ⓄGU	1-7/8"	2"	2-1/8"	-	-	-	-	-	-	-	-	-
1-1/4"	ⓄMIN	1-11/16"	1-15/16"	2-1/16"	2-5/16"	-	-	-	-	-	-	-	-
1-1/4"	ⓄPRE	1-15/16"	2-1/16"	2-1/4"	2-1/2"	-	-	-	-	-	-	-	-
1-1/4"	ⓄGU	2-1/16"	2-1/4"	2-5/16"	2-1/2"	-	-	-	-	-	-	-	-
1-1/2"	ⓄMIN	1-5/16"	2-1/16"	2-3/16"	2-1/2"	2-5/8"	-	-	-	-	-	-	-
1-1/2"	ⓄPRE	2-1/8"	2-1/4"	2-3/8"	2-5/8"	2-3/4"	-	-	-	-	-	-	-
1-1/2"	ⓄGU	2-3/16"	2-9/32"	2-7/16"	2-5/8"	2-3/4"	-	-	-	-	-	-	-
2"	ⓄMIN	2-1/4"	2-3/8"	2-9/16"	2-13/16"	2-15/16"	3-3/16"	-	-	-	-	-	-
2"	ⓄPRE	2-3/8"	2-1/2"	2-3/4"	3"	3-1/8"	3-3/8"	-	-	-	-	-	-
2"	ⓄGU	2-1/2"	2-19/32"	2-3/4"	3"	3-1/8"	3-3/8"	-	-	-	-	-	-
2-1/2"	ⓄMIN	2-7/16"	2-9/16"	2-3/4"	3"	3-1/8"	3-3/8"	3-5/8"	-	-	-	-	-
2-1/2"	ⓄPRE	2-5/8"	2-3/4"	3"	3-1/4"	3-3/8"	3-5/8"	4"	-	-	-	-	-
2-1/2"	ⓄGU	3-1/8"	3-7/32"	3-3/8"	3-9/16"	3-11/16"	4"	4-5/8"	-	-	-	-	-
3"	ⓄMIN	2-13/16"	2-15/16"	3-1/16"	3-5/16"	3-7/16"	3-3/4"	4"	4-5/16"	-	-	-	-
3"	ⓄPRE	3"	3-1/8"	3-3/8"	3-5/8"	3-3/4"	4"	4-3/8"	4-3/4"	-	-	-	-
3"	ⓄGU	3-9/16"	3-21/32"	3-13/16"	4"	4-1/8"	4-7/16"	5-1/16"	5-1/2"	-	-	-	-
3-1/2"	ⓄMIN	3-1/8"	3-1/4"	3-3/8"	3-5/8"	3-3/4"	4-1/16"	4-5/16"	4-5/8"	4-15/16"	-	-	-
3-1/2"	ⓄPRE	3-3/8"	3-1/2"	3-5/8"	3-7/8"	4"	4-3/8"	4-5/8"	5"	5-3/8"	-	-	-
3-1/2"	ⓄGU	4"	4-3/32"	4-1/4"	4-7/16"	4-9/16"	4-7/8"	5-1/2"	5-15/16"	6-3/8"	-	-	-
4"	ⓄMIN	3-7/16"	3-9/16"	3-11/16"	3-15/16"	4-1/16"	4-3/8"	4-5/8"	4-15/16"	5-1/4"	5-9/16"	-	-
4"	ⓄPRE	3-3/4"	3-7/8"	4"	4-1/4"	4-3/8"	4-3/4"	5"	5-3/4"	5-5/8"	6"	-	-
4"	ⓄGU	4"	4-3/32"	4-1/4"	4-7/16"	4-9/16"	4-7/8"	5-1/2"	5-15/16"	6-3/8"	6-3/8"	-	-
5"	ⓄMIN	4-1/8"	4-1/4"	4-3/8"	4-5/8"	4-3/4"	5"	5-1/4"	5-9/16"	5-7/8"	6-3/16"	6-3/16"	-
5"	ⓄPRE	4-3/8"	4-1/2"	4-5/8"	4-7/8"	5"	5-3/8"	5-5/8"	6"	6-1/4"	6-5/8"	7-1/4"	-
6"	ⓄMIN	4-3/4"	4-7/8"	5"	5-1/4"	5-3/8"	5-5/8"	5-7/8"	6-3/16"	6-1/2"	6-13/16"	7-7/16"	8-1/8"
6"	ⓄPRE	5"	5-1/8"	5-1/4"	5-1/2"	5-5/8"	6"	6-1/4"	6-5/8"	7"	7-1/4"	8"	8-5/8"
LOCKNUT		1-1/4"	1-1/8"	1-11/16"	2-3/16"	2-7/16"	3"	3-7/16"	4-3/16"	4-13/16"	5-3/8"	6-11/16"	7-15/16"
BUSHING		1"	1-1/4"	1-1/2"	1-7/8"	2-1/8"	2-5/8"	3-3/16"	3-7/8"	4-7/16"	5"	6-1/4"	7-3/8"
CONDUIT		7/8"	1-1/16"	1-3/8"	1-11/16"	1-15/16"	2-3/8"	2-7/8"	3-1/2"	4"	4-1/2"	5-9/16"	6-5/8"



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Ⓞ Minimum spacing required to provide clearance over locknuts and bushings.
 Ⓞ Preferred more liberal spacings between centers of conduits to be used whenever possible.
 Ⓞ GU- spacing required for "GU" Series unions.
 Ⓞ Supplied by using a drilled and tapped conduit opening with "GUM" Series union.
 Ⓞ Note: For metric conduit openings round up to the nearest NPT and use "GU" spacing.