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Find the *Weigh-Tronix WI-150* at our website: ***Click HERE***

Type GUB Junction Boxes & Instrument Enclosures

Use:
To pull or splice wires and/or to mount and enclose electrical devices in hazardous locations.

Features:
• O-Ring gasket provided to seal out moisture, dust, oil, dirt, etc. for interior and exterior locations
• Mounting lugs provided on all enclosures.
• Tapered threads (NPT) on conduit entries and union hubs
• Large cover opening for easy access
• Ground kit available (See Page V28)

GUBSW, NGUBSW-A:
• Meter-instrument housing.
• Large diameter site window cover permits maximum visibility of enclosed device.

GUBDC, GUBDC-A:
• Provides significant increase in cubic inch capacity.
• Cast-in brackets for use with breaker bar tools.
• Adjustable 90° mounting plates are available.

Materials:
• GUB series - Cast iron box with copper free aluminum cover; Buna-N Gasket
• NGUB-A series - Copper-free aluminum box and cover Neoprene O-Ring

Finishes:
• Hot dip galvanized on cast iron.
• Gray epoxy powder coat on aluminum

Dimensional Data:
See Page V26-27

Ordering Numbers:
See Page V25-29

May be ordered one of three ways:
1 Blank for field drilling — instructions provided with each box to maintain UL listing.
2 Factory drilled and tapped conduit entries or union hubs in standard conduit arrangements for easy ordering.
3 Custom conduit entries or union hub arrangements available. Contact your local Representative

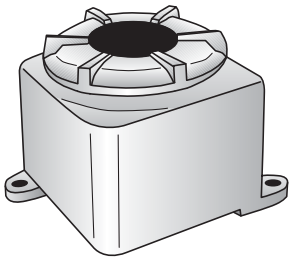
Applicable Third Party Standards:
UL Standard: 886
Suitable for wet locations.
ANSI C33.84 and C33.27
ASTM A-153-73 Class A
Fed. Spec: W-C 586C
Mil. Spec: 100 and 130
CSA Standard C22.2, No. 30

Third Party Certification:
Series GUB, NGUB, GUBDC
UL Listed: E-30513, E-85310
Series GUBSW, NGUBSW
UL Listed: E-113735, E-103220

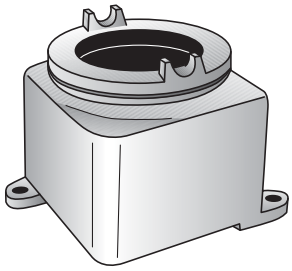
Series GUB, NGUB, GUBDC
CSA Certified: 43437, LR20945
Series GUBSW, NGUBNWN
CSA Certified 43437

Compliances:
Class I, Div. 1, 2, Groups B◊◊, C◊◊, D
Class I, Zone 1, 2, Groups IIA, IIB◊◊+H_2◊◊
Class II, Div. 1, 2, Groups E, F, G
Class III
NEMA 4, 4X†, 7B◊◊C◊◊D, 9EFG

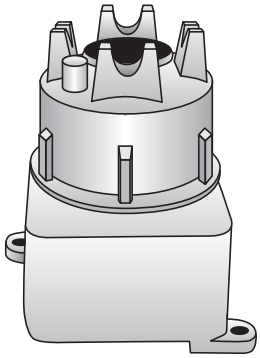
† NEMA 4X applies to NGUB, NGUBSW aluminum boxes and covers.
◊◊ For Class I, Groups B and C, Zone I, Groups IIB+H_2 all conduits must be sealed within a specified distance of the enclosure. See catalog ordering information for details.



Type GUB
Cast Iron Box with Aluminum Cover
Type NGUB-A
Cast Aluminum Box and Cover



Type GUBSW
Cast Iron Box with Copper-Free Cast Aluminum Site Cover
Type NGUBSW-A
Copper-Free Cast Aluminum Box and Site Window Cover



Type GUBDC
Cast Iron Box with Copper -Free Aluminum Dome Cover
Type NGUBDC-A
Copper-Free Aluminum Box and Dome Cover

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Type GUB Junction Boxes & Instrument Enclosures

Ordering Information:

Catalog Number									Seal Distance (In.)(1)	
Standard Cover		Site Window Cover		Inside Dimensions (inches)			Maximum Mounting		Group	Group
Aluminum	Iron	Aluminum	Iron	Width	Height	Depth	Conduit	Plate Size	B	C
NGUB443A	GUB-443	NGUBSW443A	GUBSW-443	4¼	4¼	3¼	¾	3⅝	18	None
NGUB555A	--	NGUBSW555A	--	5⅜	5⅜	5	¾	4	3	None
NGUB664A	GUB-664	NGUBSW664A	GUBSW-664	6⅛	6⅛	4¼	2	5⅜	18	18
NGUB976A	--	NGUBSW976A	--	9¼	7½	6	2	6¼	18	18
NGUB984A	GUB-984	NGUBSW984A	GUBSW-984	9⅛	8⅛	4⅜	2	7¼	18	18
NGUB1093A	GUB-1093	NGUBSW1093A	GUBSW-1092	10	9	3 15/16	2	8	18	18
NGUB10105A	GUB-10105	NGUBSW10105A	GUBSW-10105	10⅝	10⅝	5½	4	9	18	18
NGUB10106A	--	NGUBSW10106A	--	10⅛	10⅛	6	4	8⅜	3	3
NGUB10108A	--	NGUBSW10108A	--	10⅛	10⅛	8	4	8⅜	3	3
NGUB12128A	--	NGUBSW12128A	--	12⅛	12⅛	8	4	10¼	3	3
NGUB121212A	--	NGUBSW121212A	--	12⅛	12⅛	12	4	10¼	3	3

(1) For Groups B and C, all conduits must be sealed within specified distance of enclosure.

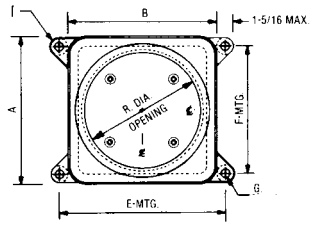
TABLE 4 – Maximum Number of Conduit Entries

Catalog Number	Side	Drilled and Tapped Conduit Entries - Trade Size of Conduit										Union Hubs - Trade Size of Conduit									
		½"	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4
	Long	2	2	--	--	--	--	--	--	--	--	2	2	--	--	--	--	--	--	--	--
NGUB443A	Short	2	2	--	--	--	--	--	--	--	--	2	2	--	--	--	--	--	--	--	--
	Long	2	2	--	--	--	--	--	--	--	--	2	2	--	--	--	--	--	--	--	--
GUB-443	Short	2	2	--	--	--	--	--	--	--	--	2	2	--	--	--	--	--	--	--	--
	Long	3	2	--	--	--	--	--	--	--	--	2	2	1	1	1	1	--	--	--	--
NGUB555A	Short	3	2	--	--	--	--	--	--	--	--	2	2	1	1	1	1	--	--	--	--
NGUB664A	Long	3	3	2	2	2	1	1▲	--	--	--	3	3	2	2	1	1	1▲	--	--	--
GUB-664	Short	3	3	2	2	2	1	1▲	--	--	--	3	3	2	2	1	1	1▲	--	--	--
	Long	5	4	4	3	3	2	--	--	--	--	5	4	3	3	2	2	--	--	--	--
NGUB976A	Short	4	3	3	2	2	2	--	--	--	--	4	3	2	2	2	1	--	--	--	--
	Long	5	5	4	3	3	2	--	--	--	--	5	4	3	3	2	2	--	--	--	--
NGUB984A	Short	5	4	3	3	2	2	--	--	--	--	4	4	3	2	2	2	--	--	--	--
	Long	5	5	4	3	3	2	2▲	--	--	--	5	4	3	3	2	2	2▲	--	--	--
GUB-984	Short	5	4	3	3	2	2	2▲	--	--	--	4	4	3	2	2	2	1▲	--	--	--
	Long	6◆	5◆	4	3	3	2	--	--	--	--	5◆	4◆	3	3	2	2	--	--	--	--
NGUB1093A	Short	5◆	4◆	4	3	3	2	--	--	--	--	5◆	4◆	3	2	2	2	--	--	--	--
	Long	6◆	5◆	4	3	3	2	--	--	--	--	5◆	4◆	3	3	2	2	--	--	--	--
GUB-1093	Short	5◆	4◆	4	3	3	2	--	--	--	--	5◆	4◆	3	3	2	2	--	--	--	--
NGUB10105A	Long	6◆	5◆	5	4	3	3	2	2	1	--	6◆	5◆	3	3	3	2	2	2	1	--
GUB-10105	Short	6◆	5◆	5	4	3	3	2	2	1	--	6◆	5◆	3	3	3	2	2	2	1	--
	Long	6◆	5◆	4	3	3	2	2	2	--	--	5◆	4◆	3	3	2	2	2	1	--	--
NGUB1016A	Short	6◆	5◆	4	3	3	2	2	2	--	--	5◆	4◆	3	3	2	2	2	1	--	--
	Long	6◆	5◆	4	3	2	2	2	2	1	1	5◆	4◆	3	3	2	2	2	1	1	1
NGUB10108A	Short	6◆	5◆	4	3	3	2	2	2	1	1	5◆	4◆	3	3	3	2	2	1	1	1
	Long	7◆	6◆	5	4	4	3	2	2	2	1	6◆	5◆	4	3	3	3	2	2	2	1
NGUB12128A	Short	7◆	6◆	5	4	4	3	2	2	2	1	6◆	5◆	4	3	3	3	2	2	2	1
	Long	7◆	6◆	5	4	4	3	2	2	2	1	6◆	5◆	4	3	3	2	2	2	2	1
NGUB121212A	Short	7◆	6◆	5	4	4	3	2	2	2	1	6◆	5◆	4	3	3	2	2	2	2	1

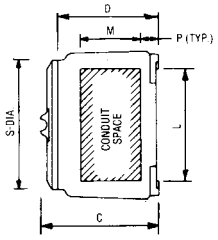
◆ Boss required - contact factory for price and availability.
▲ Mounting feet located in vertical position.

Type GUB Junction Boxes & Instrument Enclosures

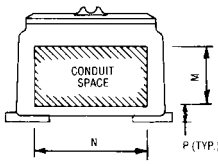
Dimensional Data (All dimensions are in Inches):



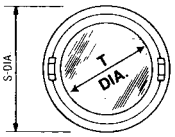
Front View Less Cover



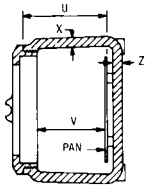
Side View



End View



Instrument Cover



Section View

STANDARD COVER

Catalog Number Aluminum	Catalog Number Iron	Outside Dimensions A	B	C	D	Mounting Mounting Lugs E	F	G	I	Conduit Space L	M	N	P	Cover Dia. Opening R	Cover Dia S	Depth U	V	Wall Thickness X	Z
NGUB443A	GUB-443	5 5/16	5 5/16	5 3/16	4 9/16	6 1/4	3 7/8	3/8	2	3 3/4	2 13/16	3 3/4	3/4	4	4 5/8	4	3	7/16	7/16
NGUB555A	--	6 1/4	6 1/4	6 15/16	6 1/4	7 1/2	5	3/8	2	4 1/4	4 1/16	4 1/4	15/16	4 1/2	5 1/4	5 1/2	4 5/8	7/16	3/8
NGUB664A	GUB-664	7	7	6 1/2	5 1/16	8 1/8	5 3/4	3/8	2	5 1/2	3 3/4	5 1/2	7/8	5 15/16	6 1/2	5	4	7/16	7/16
NGUB976A	--	10 1/4	8 1/2	8 7/16	7 7/16	9 3/4	9	3/8	4	8 1/4	4 15/16	6 1/2	13/16	7	7 3/4	6 3/8	5 1/2	1/2	7/16
NGUB984A	GUB-984	10	9	6 5/8	5 7/8	10 1/8	8 1/2	3/8	2	8 1/2	3 13/16	7 1/2	15/16	7 15/16	8 5/8	5 1/16	4 1/16	7/16	7/16
NGUB1093A	GUB-1093	10	9	6 7/16	5 1/16	12	9 1/4	3/8	4	8 7/8	3 7/16	7 1/2	15/16	8 15/16	9 3/4	4 5/8	3 5/8	1/16	1/16
NGUB10105A	GUB-10105	12	12	8 3/4	7 7/8	13 5/8	10	7/8	4	9 3/4	4 13/16	9 3/4	1 1/4	9 7/8	11	6 1/2	5 3/16	1/16	1/16
NGUB10106A	--	11 5/8	11 5/8	9 3/8	7 7/8	13	10	7/8	4	8 7/8	4 1/16	8 7/8	1 3/8	9 1/4	10 1/4	6 9/16	5 1/2	3/4	1/16
NGUB10108A	--	11 5/8	11 5/8	11 3/8	9 7/8	13	10	7/8	4	8 7/8	6 1/16	8 7/8	1 3/8	9 1/4	10 1/4	8 9/16	7 1/2	3/4	1/16
NGUB12128A	--	13 5/8	13 5/8	11 3/4	9 7/8	15	10	7/8	4	10 7/8	6 1/16	10 7/8	1 3/8	11 1/4	12 1/4	8 9/16	7 1/2	3/4	1/16
NGUB121212A	--	13 5/8	13 5/8	15 3/4	13 7/8	15	10	7/8	4	10 3/4	10 1/16	10 3/4	1 3/8	11 1/4	12 1/4	12 9/16	11 1/2	3/4	1/1

SITE WINDOW COVER

Catalog Number Aluminum	Catalog Number Iron	Outside Dimensions A	B	C	D	Mounting Mounting Lugs E	F	G	I	Conduit Space L	M	N	P	Cover Dia. Opening R	Site Cover Dia S	Window Dia. T	Depth U	V	Side Wall Thickness X	Z
NGUBSW443A	GUBSW-443	5 5/16	5 5/16	5 3/16	4 9/16	6 1/4	3 7/8	3/8	2	3 3/4	2 13/16	3 3/4	3/4	4	4 5/8	2 1/8	4	3	7/16	7/16
NGUBSW555A	--	6 1/4	6 1/4	6 15/16	6 1/4	7 1/2	5	3/8	2	4 1/4	4 1/16	4 1/4	15/16	4 1/2	5 1/4	3 9/16	5 1/2	4 5/8	7/16	3/8
NGUBSW664A	GUBSW-664	7	7	6 1/2	5 1/16	8 1/8	5 3/4	3/8	2	5 1/2	3 3/4	5 1/2	7/8	5 15/16	6 1/2	4	5	4	7/16	7/16
NGUBSW976A	--	10 1/4	8 1/2	8 7/16	7 7/16	9 3/4	9	3/8	4	8 1/4	4 15/16	6 1/2	13/16	7	7 3/4	5 7/16	6 3/8	5 1/2	1/2	7/16
NGUBSW984A	GUBSW-984	10	9	6 5/8	5 7/8	10 1/8	8 1/2	3/8	2	8 1/2	3 13/16	7 1/2	15/16	7 15/16	8 5/8	5 5/8	5 1/16	4 1/16	7/16	7/16
NGUBSW1093A	GUBSW-1093	10	9	6 7/16	5 1/16	12	9 1/4	3/8	4	8 7/8	3 7/16	7 1/2	15/16	8 15/16	9 3/4	5 5/8	4 5/8	3 5/8	1/16	1/16
NGUBSW10105A	GUBSW-10105	12	12	8 3/4	7 7/8	13 5/8	10	7/8	4	9 3/4	4 13/16	9 3/4	1 1/4	9 7/8	11	7 1/2	6 1/2	5 3/16	1/16	1/16
NGUBSW10106A	--	11 5/8	11 5/8	9 3/8	7 7/8	13	10	7/8	4	8 7/8	4 1/16	8 7/8	1 3/8	9 1/4	10 1/4	7 3/8	6 9/16	5 1/2	3/4	1/16
NGUBSW10108A	--	11 5/8	11 5/8	11 3/8	9 7/8	13	10	7/8	4	8 7/8	6 1/16	8 7/8	1 3/8	9 1/4	10 1/4	7 3/8	8 9/16	7 1/2	3/4	1/16
NGUBSW12128A	--	13 5/8	13 5/8	11 3/4	9 7/8	15	10	7/8	4	10 7/8	6 1/16	10 7/8	1 3/8	11 1/4	12 1/4	9 7/16	8 9/16	7 1/2	3/4	1/16
NGUBSW121212A	--	13 5/8	13 5/8	15 3/4	13 7/8	15	10	7/8	4	10 3/4	10 1/16	10 3/4	1 3/8	11 1/4	12 1/4	9 7/16	12 9/16	11 1/2	3/4	1/16

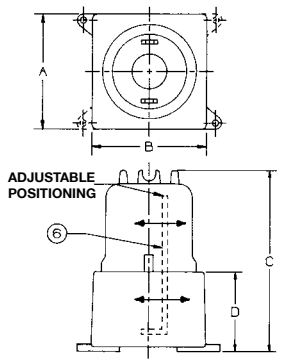
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Type GUB Junction Boxes & Instrument Enclosures

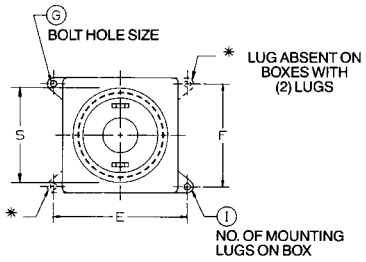
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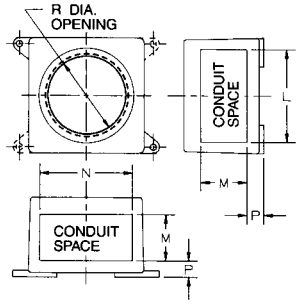
Type GUBDC
Cast Iron Box with Copper Free Aluminum Dome Cover

Type GUBDC–A
Copper Free Aluminum Box & Dome Cover

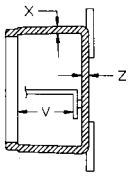


DOME COVER STYLE





CONDUIT SPACE
(DOME NOT SHOWN FOR CLARITY)



SECTION VIEW

Dimensions in Inches

Catalog Number Aluminum	Catalog Number Iron	Refer to Catalog No. on Page V93 for Dimensions	Overall Height C	Maximum Conduit Size	Mounting Plate Size	Seal Distance (In)(1) Group B	Seal Distance (In)(1) Group C	Mounting Plate Adjustment*
GUBDC-4-664A	GUBDC-4-664	GUB-664	10⅞	2	4 x 7½	18	18	1 1/16
GUBDC-10-664A	GUBDC-10-664	GUB-664	16⅞	2	4 x 13½	18	18	1 9/16
GUBDC-6-984A	GUBDC-6-984	GUB-984	13⅛	2	5¾ x 9½	18	18	2
GUBDC-10-10105A	GUBDC-10-10105	GUB-10105	18⅞	4	6⅝ x 14¼	18	18	2¾

*Optional mounting plate is adjustable. It may be located in center of cover or toward either side of dome cover.
(1) For Groups B and C, all conduits must be sealed within specified distance of enclosures.

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Type GUB Junction Boxes & Instrument Enclosures

Options:

GROUNDING KITS

Catalog Number	Wire Capacity Al-Cu Tinned Copper
NGK-04	#14-4 AWG
NGK-10	8-1/0 AWG
NGK-25	6 AWG-250MCM

MOUNTING PLATE GALVANIZED STEEL

Catalog Number	Box Size
NMPG-443	GUB-443
NMPG-555	GUB-555
NMPG-664	GUB-664
NMPG-976	GUB-976
NMPG-984	GUB-984
NMPG-1093	GUB-1093
NMPG-10105	GUB-10105
NMPG-10106	GUB-10106
NMPG-10106	GUB-10108
NMPG-12128	GUB-12128
NMPG-121212	GUB-121212

90° MOUNTING PLATE GALVANIZED STEEL

Catalog Number	Box Size
NMD-4-664G	GUB-664
NMD-10-664G	GUB-664
NMD-6-984G	GUB-984
NMD-8-1093G	GUB-1093
NMD-10-10105G	GUB-10105

FACTORY INSTALLED CONDUIT ENTRIES DRILLED AND TAPPED

Trade Size (Inches)	Catalog No. (Symbol)
½	1
¾	2
1	3
1¼	4
1½	5
2	6
2½	7
3	8
3½	9
4	10
None	0

MOUNTING PLATE ALUMINUM

Catalog Number	Box Size
NMPA-443	GUB-443
NMPA-555	GUB-555
NMPA-664	GUB-664
NMPA-976	GUB-976
NMPA-984	GUB-984
NMPA-1093	GUB-1093
NMPA-10105	GUB-10105
NMPA-10106	GUB-10106
NMPA-10106	GUB-10108
NMPA-12128	GUB-12128
NMPA-121212	GUB-121212

90° MOUNTING PLATE ALUMINUM

Catalog Number	Box Size
NMD-4-664A	GUB-664
NMD-10-664A	GUB-664
NMD-6-984A	GUB-984
NMD-8-1093A	GUB-1093
NMD-10-10105A	GUB-10105

FACTORY INSTALLED CONDUIT ENTRIES UNION HUB

Trade Size (Inches)	Catalog No. (Symbol)
½	W
¾	X
1	Y
1¼	R
1½	S
2	T
2½	U
3	V
3½	WD
4	XD
None	0

O-Z/Gedney Type UNY

REPLACEMENT SITE WINDOW COVERS FOR GUBSW SERIES

Catalog Number	Box Size
NSW-443A	GUBSW-443A
NSW-555A	GUBSW-555A
NSW-664A	GUBSW-664A
NSW-976A	GUBSW-976A
NSW-984A	GUBSW-984A
NSW-1093A	GUBSW-1093A
NSW-10105A	GUBSW-10105A
NSW-10106A	GUBSW-10106/8A
NSW-12128A	GUBSW-12128/12A

REPLACEMENT DOME COVERS

Catalog Number	Box Size
DC-4-664A	GUB-664
DC-10-664A	GUB-664
DC-6-984A	GUB-984
DC-8-1093A	GUB-1093
DC-10-10105A	GUB-10105

REPLACEMENT FLAT COVERS ALUMINUM

Catalog Number	Box Size
NFC-443A	GUB-443A
NFC-555A	GUB-555A
NFC-664A	GUB-664A
FC-664A1	GUB-664
NFC-976A	GUB-976A
NFC-984A	GUB-984A
NFC-1093A	GUB-1093A
NFC-10105A	GUB-10105A
NFC-1010A	GUB-10106A
NFC-1010A	GUB-10108A
NFC-1212A	GUB-12128A
NFC-1212A	GUB-121212A
NFC-1917A	GUB-191710A

DRAIN BREATHER

Description	Factory Installed Suffix
Drain Fitting	DN
Breather Fitting	BR

Drilled and tapped installation included.

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Type GUB Junction Boxes & Instrument Enclosures

Drill and Tap Boxes Ordering Information:

GUB boxes can be ordered with drilled and tapped conduit entries or union hubs subject to the parameters of Table 3.

To Order:
1 Select box from appropriate catalog page.
2 Determine standard conduit arrangement from Table 1 or use the custom GUB drilling template on the following page.
3 Verify the size of GUB selected using Table 3 for conduit entries or union hubs required.
4 Select the corresponding symbol from Table 2 for the conduit entries or union hubs needed.
5 Mounting lugs (when provided) are on the left & right side of box, relative to illustrations in Table 1.
6 All threaded entries will be centered and evenly spaced on the box wall(s).

Examples Standard or Custom:
STANDARD
1 Box: GUB-984
2 Arrangement: 12
3 Required: One ½" drilled and tapped entry at "a"; no entry at "b"; one 1" union hub at "c"; two ¾" drilled and tapped entries at "d" and "e".
4 Symbols: Substitute symbols for entry sizes in clockwise order around box starting with location "a".

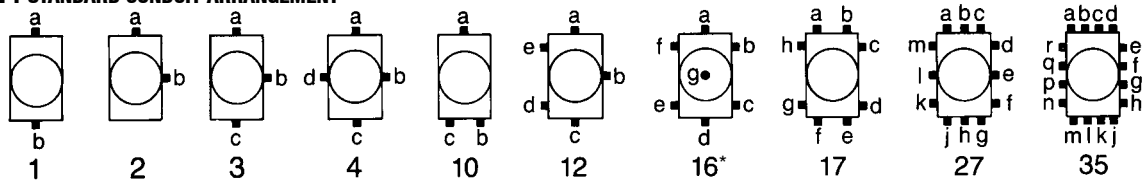
Completed Example: GUB-984-12-10Y22

CUSTOM
1 Box: GUB-10105
2 Arrangement: Photocopy template on page V31 and mark-up with all dimensions for conduit entries.
3 Required: All conduit entries and options located on templates.
4 Symbols: Label the template with appropriate symbols conduit entry locations.

TABLE 2

Trade Size (inches)	Drilled and Tapped Conduit Entry Symbol	Union Hub Symbol
½	1	W
¾	2	X
1	3	Y
1¼	4	R
1½	5	S
2	6	T
2½	7	U
3	8	V
3½	9	WD
4	10	XE
None	0	O

TABLE 1 STANDARD CONDUIT ARRANGEMENT



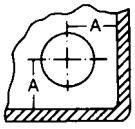
* For conduit entry or hub on centered rear of enclosure (figure 16) use letter "g" to locate

TABLE 3 RECOMMENDED SPACING AND LOCATION OF CONDUIT Allows for Bushing Clearance

Drilled and Tapped Conduit Entries	Minimum Space Between Centers of Conduits (inches) 4	3½	3	2½	2	1½	1¼	1	¾	½	
½	3⅝	3⅜	3	2⅝	2⅜	2	1⅞	1¾	1⅝	1½	
¾	3¾	3½	3⅛	2¾	2½	2⅛	2	1⅞	1¾		
1	4	3⅝	3¼	3	2⅝	2⅜	2¼	2			
1¼	4⅛	3⅞	3½	3⅛	2⅞	2½	2⅛				
1½	4¼	4	3⅝	3¼	3	2⅝				6⅜	4
2	4⅝	4¼	3⅞	3⅜	3¼				5¾	6	3½
2½	4⅞	4⅝	4¼	3⅞				5½	5½	5¾	3
3	5⅜	5	4⅝				4⅜	4¾	5⅛	5⅜	2½
3½	5⅝	5¼				3⅞	4⅛	4½	4¾	5	2
4	5⅞				3¼	3⅝	3⅞	4½	4½	4¾	1½
				2⅞	3⅛	3⅜	3⅝	4	4⅜	4⅝	1¼
			2¼	2⅝	2⅞	3⅛	3⅜	3¾	4⅛	4⅜	1
		2¼	2¼	2½	2⅝	3	3¼	3⅝	3⅞	4⅛	¾
	1⅝	1¾	2	2¼	2½	2¾	3	3⅜	3¾	4	½
	½	¾	1	1¼	1½	2	2½	3	3½	4	

Size of Conduit Entries — Union Hubs* — Size of Conduit Entries

Minimum Space Between Centers of Conduits (inches)



Minimum spacing from sides and back. For drilled and tapped conduit entries and union hubs.

Conduit Trade Size	Minimum Space from Sides and Back (inches) ½	¾	1	1¼	1½	2	2½	3	3½	4
Dimension A*	1	1	1⅛	1⅜	1½	1¾	2⅛	2½	2⅞	3⅛

* If seals are used, additional clearance may be required. Check dimensions of fittings used

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Hazardous Locations Junction Boxes & Instrument Enclosures

Type GUB, IF, IG, YE, YG Boxes

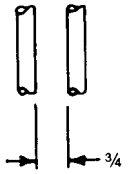
Drilling and Tapping Guidelines for Spacing Adjacent Conduits

Conduit Dimensions and Enclosure Threading Requirements (All dimensions are in Inches):

Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
No. threads/in. (NPT)	14	14	11½	11½	11½	11½	8	8	8	8	8	8
Actual O.D.	0.840	1.050	1.315	1.660	1.900	2.375	2.875	3.500	4.000	4.500	5.563	6.625
Nominal O.D.	27/32	1 1/16	1 11/32	1 11/16	1 29/32	2 3/8	2 7/8	3½	4	4½	5 9/16	6 5/8
Actual I.D.	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	3.548	4.026	5.047	6.065
Nominal I.D.	5/8	27/32	1 1/16	1 3/8	1 5/8	2 1/16	2 15/32	3 1/16	3 9/16	4 1/32	5 1/16	6 1/16
Min. wall thk. req'd. for for 5 full threads (NEMA 7)	3/8	3/8	7/16	7/16	7/16	7/16	5/8	5/8	5/8	5/8	5/8	5/8
Min wall thk. req'd for for 3½ full threads (NEMA 4)	1/4	1/4	5/16	5/16	5/16	5/16	7/16	7/16	7/16	7/16	7/16	7/16

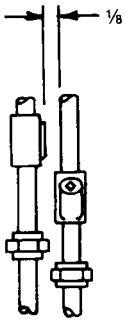
Conduit Spacing Tables:

Conduit to Conduit



Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 3/8	2 5/8	3	3 1/4	3 1/2
3/4	--	1 7/8	2	2 1/8	2 1/4	2 1/2	2 3/4	3 1/8	3 3/8	3 5/8
1	--	--	2 1/8	2 1/4	2 3/8	2 5/8	2 7/8	3 1/4	3 1/2	3 3/4
1 1/4	--	--	--	2 1/2	2 5/8	2 7/8	3 1/8	3 3/8	3 5/8	3 7/8
1 1/2	--	--	--	--	2 3/4	3	3 1/4	3 1/2	3 3/4	4
2	--	--	--	--	--	3 1/8	3 3/8	3 3/4	4	4 1/4
2 1/2	--	--	--	--	--	--	3 5/8	4	4 1/4	4 1/2
3	--	--	--	--	--	--	--	4 1/4	4 1/2	4 3/4
3 1/2	--	--	--	--	--	--	--	--	4 3/4	5
4	--	--	--	--	--	--	--	--	--	5 1/4

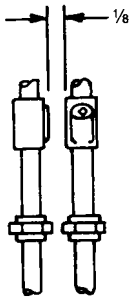
Staggered Seals/Unions



Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
1/2	1 7/8	2	2 1/4	2 1/2	2 5/8	2 7/8	3 1/4	3 7/8	4	4 1/4
3/4	--	2 1/8	2 3/8	2 1/2	2 3/4	3	3 3/8	4	4 1/8	4 3/8
1	--	--	2 1/2	2 5/8	2 7/8	3 1/8	3 1/2	4 1/8	4 1/4	4 1/2
1 1/4	--	--	--	2 7/8	3 1/4	3 3/8	3 3/4	4 3/8	4 1/2	4 3/4
1 1/2	--	--	--	--	3 5/8	3 1/2	3 7/8	4 1/2	4 5/8	4 7/8
2	--	--	--	--	--	3 5/8	4	4 5/8	4 3/4	5
2 1/2	--	--	--	--	--	--	4 1/4	4 7/8	5	5 1/4
3	--	--	--	--	--	--	--	5 1/4	5 1/2	5 3/4
3 1/2	--	--	--	--	--	--	--	--	5 5/8	5 7/8
4	--	--	--	--	--	--	--	--	--	6 1/8

Note: Seals will swing

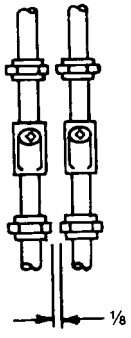
Seal to Seal



Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
1/2	2	2 1/4	2 3/8	2 5/8	2 3/4	3	3 3/8	4	4 1/8	4 3/8
3/4	--	2 3/8	2 1/2	2 3/4	3	3 1/4	3 5/8	4 1/4	4 3/8	4 5/8
1	--	--	2 5/8	2 7/8	3 1/8	3 3/8	3 3/4	4 3/8	4 1/2	4 3/4
1 1/4	--	--	--	3 1/8	3 3/8	3 5/8	4	4 5/8	4 3/4	5
1 1/2	--	--	--	--	3 1/2	3 3/4	4 1/8	4 3/4	4 7/8	5 1/8
2	--	--	--	--	--	4	4 3/8	5	5 1/8	5 3/8
2 1/2	--	--	--	--	--	--	4 5/8	5 1/4	5 3/8	5 5/8
3	--	--	--	--	--	--	--	5 5/8	5 7/8	6 1/8
3 1/2	--	--	--	--	--	--	--	--	6	6 1/4
4	--	--	--	--	--	--	--	--	--	6 1/2

Note: Seals will swing

Union to Union



Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
1/2	1 5/8	1 3/4	1 7/8	2 1/4	2 1/2	2 3/4	3 1/8	3 3/8	3 3/4	4
3/4	--	1 7/8	2	2 3/8	2 1/2	2 7/8	3 1/8	3 1/2	3 7/8	4 1/8
1	--	--	2 1/8	2 1/2	2 3/4	3 1/8	3 3/8	3 3/4	4	4 3/8
1 1/4	--	--	--	2 7/8	3 1/8	3 3/8	3 3/4	4 1/8	4 3/8	4 5/8
1 1/2	--	--	--	--	3 1/4	3 5/8	3 7/8	4 1/4	4 1/2	4 7/8
2	--	--	--	--	--	4	4 1/4	4 5/8	4 7/8	5 1/4
2 1/2	--	--	--	--	--	--	4 1/2	4 7/8	5 1/8	5 1/2
3	--	--	--	--	--	--	--	5 1/4	5 1/2	5 7/8
3 1/2	--	--	--	--	--	--	--	--	5 7/8	6 1/8
4	--	--	--	--	--	--	--	--	--	6 1/2

Note: Seals will not swing

Note:
All dimensions are minimum.

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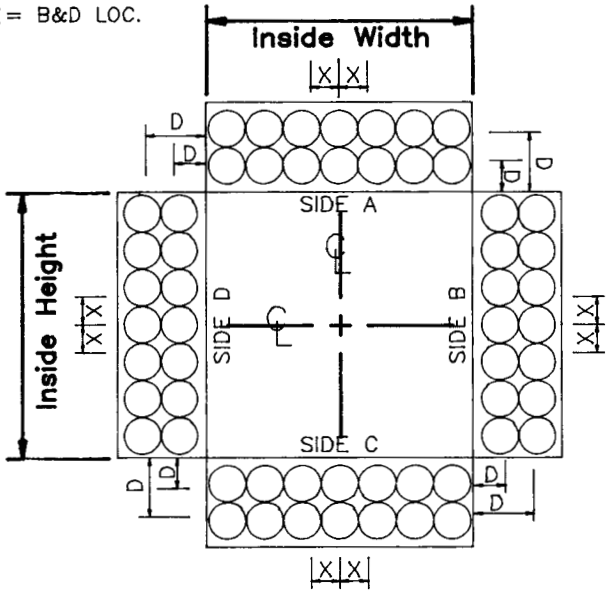
Type GUB, IF, IG, YE, YG Boxes

Custom Drill and Tap Schedule

USE FIGURE NO._____

POSITION	CHECK ONLY IF SHOP IS TO LOCATE ☐ DRAIN ONLY, SIDE___ ☐ BREATHER & DRAIN SIDES____ & ____ CONDUIT SIZE	X DIM.	D DIM.	METAL PLUGS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

✳ = B&D LOC.



VIEW LOOKING INTO BOX WITH SIDES LAID DOWN

CHECK LIST

- ☐ ASSIGN DRAWING NO.
- ☐ SELECT CORRECT FIG. NUMBER.
- ☐ IF BREATHER & DRAIN ARE REQ'D ARE THEY CLEARLY MARKED AT DESIRED POSITIONS OR IS BOX CHECKED?
- ☐ ARE INDICATED COND. SIZES WITHIN THE CAT. PUBLISHED MAXIMUM?
- ☐ CHECK FOR MINIMUM SPACING BETWEEN COND. TO COND. PER COND. SPACING TABLE.
- ☐ SIGN NAME TO DWG.

NAME _____

DATE _____

✳ = BREATHER/DRAIN LOC. 1/2" NPT REQUIRED. LOCATION MAY BE SPECIFIED ON THE CHART OR IF BOX IS CHECKED, SHOP WILL LOCATE.

DIM. X = DISTANCE FROM CENTERLINE TO CENTER OF CONDUIT OPENING.
DIM. D = DISTANCE FROM MTG. SURFACE TO CENTER OF CONDUIT OPENING.

HINGED ENCLOSURES WILL BE HINGED ON SIDE "D" AS STANDARD. SPECIAL HINGING ON SIDES A, B, OR C MUST BE SPECIFIED AND MARKED.

CAUTION: IN PLANNING CONDUIT ARRANGEMENTS, REFER TO "USABLE CONDUIT AREA", SHOWN ON THE APPROPRIATE PRODUCT OUTLINE DRAWINGS AND TO THE CONDUIT SPACING CHARTS. ON PAGE V30.

ENCLOSURE FIGURES

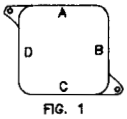


FIG. 1

TF/TFW443
GUB/GUBSW-443
TF/TFW555
GUB/GUBSW-555
TF/TFW664
GUB/GUBSW-664
GUB/GUBSW-984

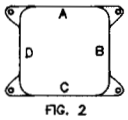


FIG. 2

TF/TFW796
GUB/GUBSW-976
GUB/GUBSW-1093
GUB/GUBSW-10105
TF/TFW10106/8
GUB/GUBSW-10106/8
TF/TFW12128/12
GUB/GUBSW-12128/12

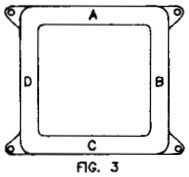


FIG. 3

IF886
IF8128
IF12126
IF12156
IF12186/8/10
IF18186/10
IF18246/10
IF242412
YG-040403 THRU
YG-363818
IG464 THRU
IG303012

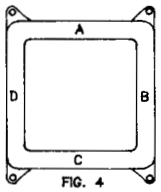


FIG. 4

IF384
IF4103
IF674
IF15145
IF15205

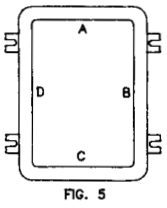


FIG. 5

YE-040402 THRU
YE-302412

CONDUIT D&T SCHEDULE

CAT. NO. _____

A REV

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