

JAQUITH INDUSTRIES INC.



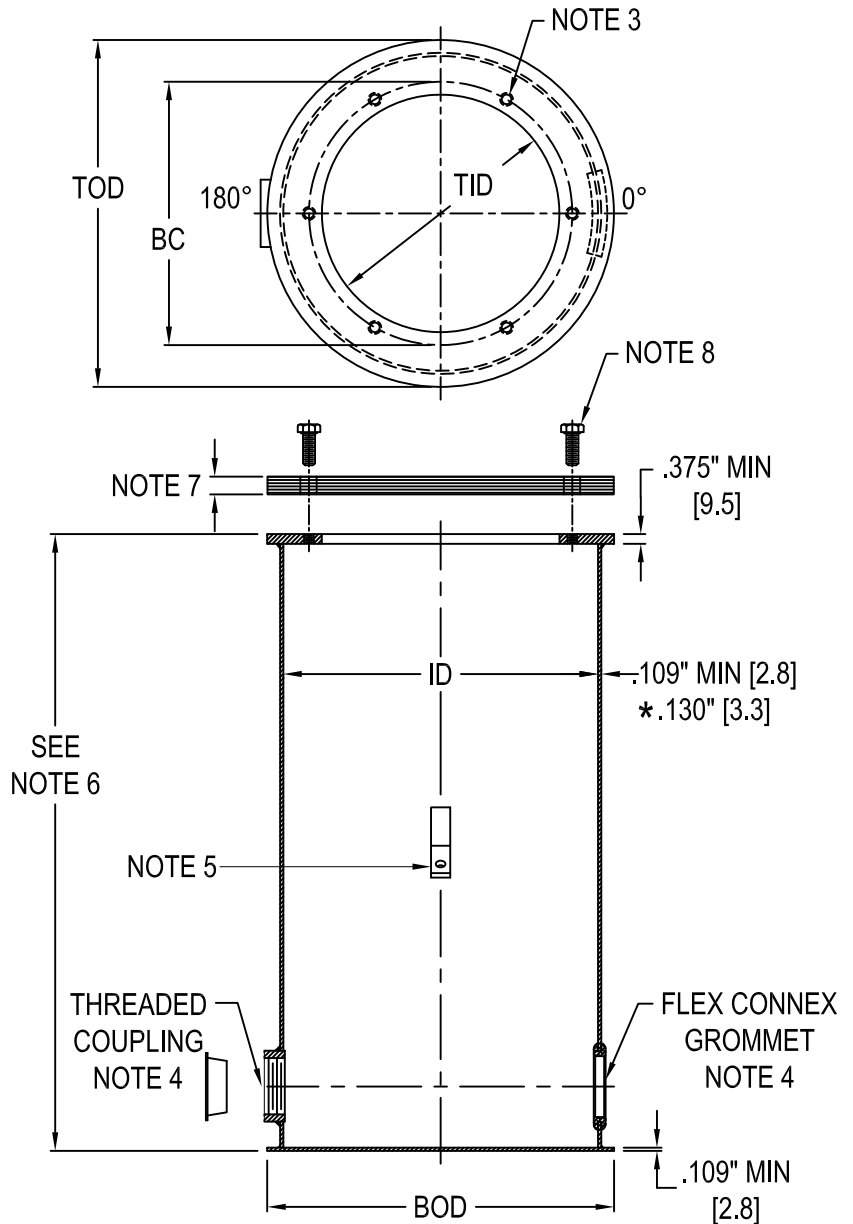
L867 Class 1A Light Base

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L-867 Class 1A Light Base

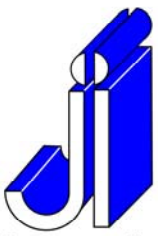
1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Size: B=12", D=16", E=24"
2. Base galvanized to ASTM-A123 / A123M-02
3. (6) 3/8-16 UNC threaded thru holes equally spaced.
4. Standard Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded couplings
Flex Connex Grommets are shipped loose.
5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h
6. Standard Height is 24", bases available up to 36".
7. L-867 Plywood Cover 1/2"
8. Plywood Cover attached with (6) 3/8-16 x 1" Stainless Hex Head Cap Screws. Intended to be reused for installation of Base Plate or cover.
9. L867B (12") Bases have a standard $\varnothing\frac{3}{4}$ drain hole with a removable plug.
10. To designate variations to the base, contact sales.



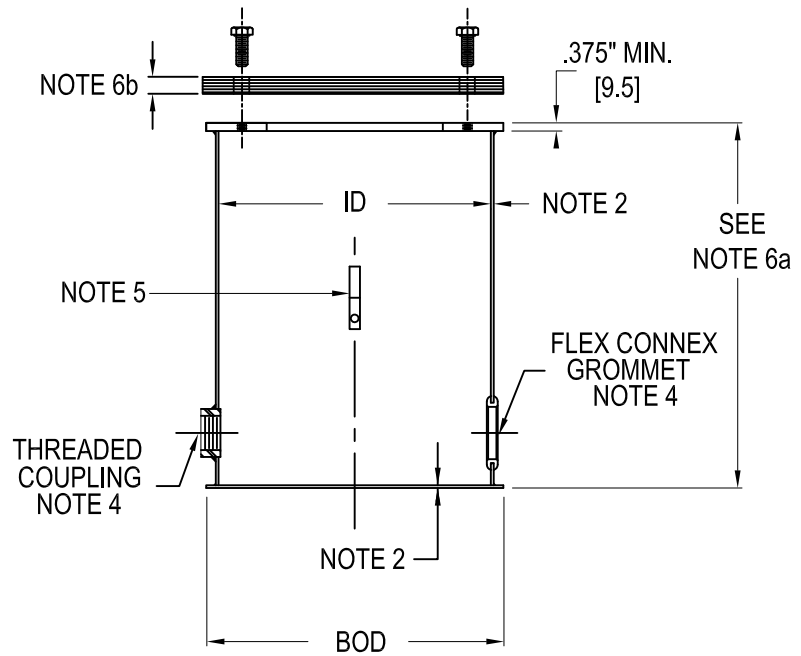
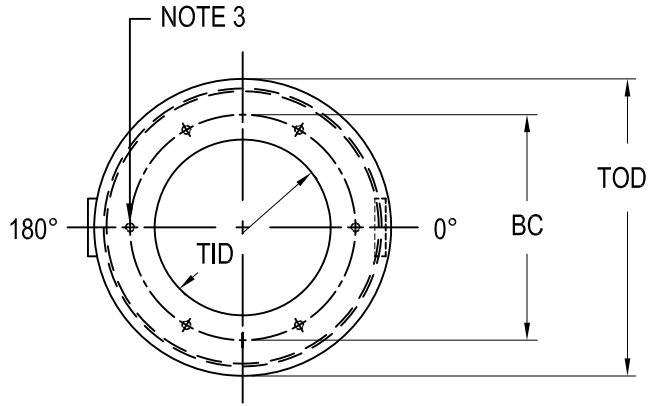
TYPE	TOD / BOD	ID	BC	TID
AC21 _____	13.5"	12.25"	10.25"	9.25"
12" L867B	[342.9]	[311.2]	[260.4]	[235]
AC63 _____	17.375"	16.25"	14.25"	12.375"
16" L867D	[441.3]	[412.8]	[362]	[314.3]
*AC67 _____	24"	22.5"	21.5"	20"
24" L867E	[609.6]	[571.5]	[546.1]	[508]

[] = dimensions in metrics; mm

B-01h (rev 0)



L-867 Class 1B Light Base



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1B
Size: B=12", D=16"
- *2. Material to meet 1B requirement
ACS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
ACB - .109" Min. Thickness Class 1A with VEGA™-KOTE** proprietary coating
3. ACS - (6) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional.
ACB - (6) 3/8"-16 equally spaced, Stainless Steel top ring, GARDSERT™ optional.
4. ACS - bases available without any conduit openings (field drilled)
 Conduit Openings are:
 Flex Connex, or Stainless Steel Coupling
 Various sizes and locations are available
 Protective plugs installed in threaded couplings
 Flex Connex Grommets are shipped separately
5. Internal / External Stainless Steel Ground Straps are standard. "ACB" option equipped with uncoated ground straps. A copper ground lug (AWS0919) is optional, see page I-08h

6a. Standard height = 24" [609.6]
 6b. L-867 Plywood Cover 1/2"

7. To designate variations to the base, see ordering worksheet

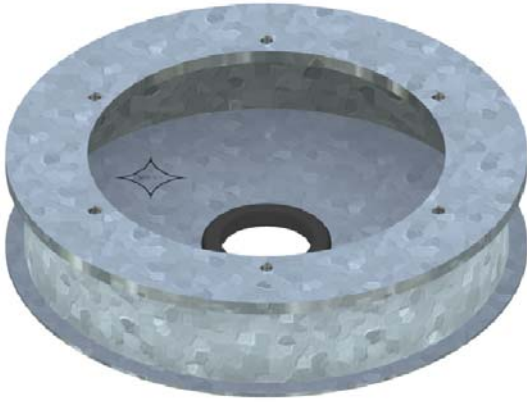
**VEGA-KOTE proprietary coating covers inside of base complete, top flange and a minimum of 4" down from top flange on outside

	TYPE	TOD / BOD	ID	BC	TID
*	L867B <u>ACS21</u> _____	13.5"	12.25"	10.25"	9.25"
	12" <u>ACB21</u> _____VK	[342.9]	[311.2]	[260.4]	[235]
*	L867D <u>ACS63</u> _____	17.375"	16.25"	14.25"	12.375"
	16" <u>ACB63</u> _____VK	[441.3]	[412.8]	[362]	[314.3]
*	L867E <u>ACS67</u> _____	24"	22.5"	21.5"	20"
	24" <u>ACB67</u> _____VK	[609.6]	[571.5]	[546.1]	[508]

[] = dimensions in metrics; mm

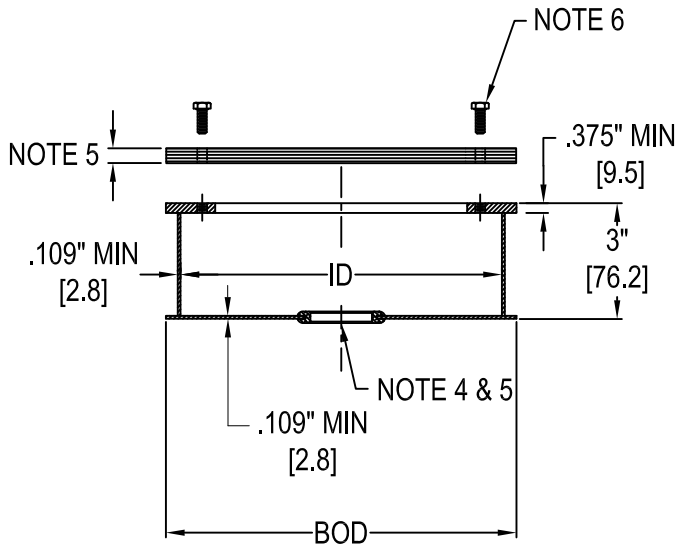
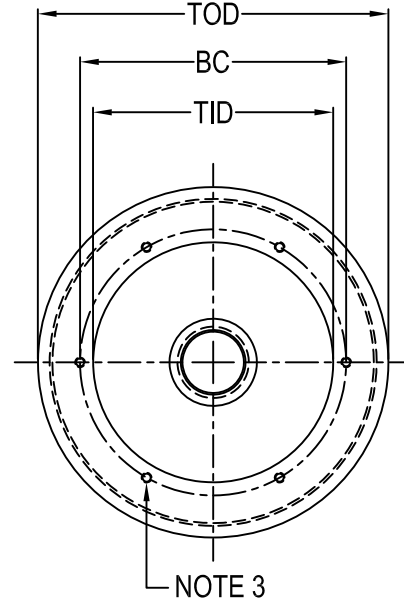
* SEE NOTE 2

L867 Class 1A Sign Base



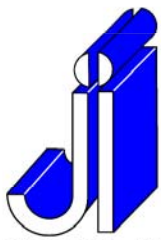
L-867 Class 1A Sign Base

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Size: B=12"
2. Base galvanized to ASTM-A123/A123M-02
3. (6) 3/8-16 UNC threaded thru holes equally spaced.
4. (1) 2" Vega Flex Connex Grommet supplied with unit. Various sizes and locations are available Flex Connex Grommet is shipped loose.
5. For 2-11½ NPS threaded drain coupling instead of 2" grommet, Part number AC2103C available to order.
6. L-867 Plywood Cover 1/2" (AJ08C1308).
7. Plywood Cover attached with (6) 3/8-16 x 1" Stainless Hex Head Cap Screws. Intended to be reused for installation of Base Plate.



TYPE	TOD & BOD	ID	BC	TID
AC2103	13.5"	12.375"	10.25"	9.25"
12" L867B	[342.9]	[314.3]	[260.4]	[235]
AC2103C	13.5"	12.375"	10.25"	9.25"
12" L867B	[342.9]	[314.3]	[260.4]	[235]

[] = dimensions in metrics; mm



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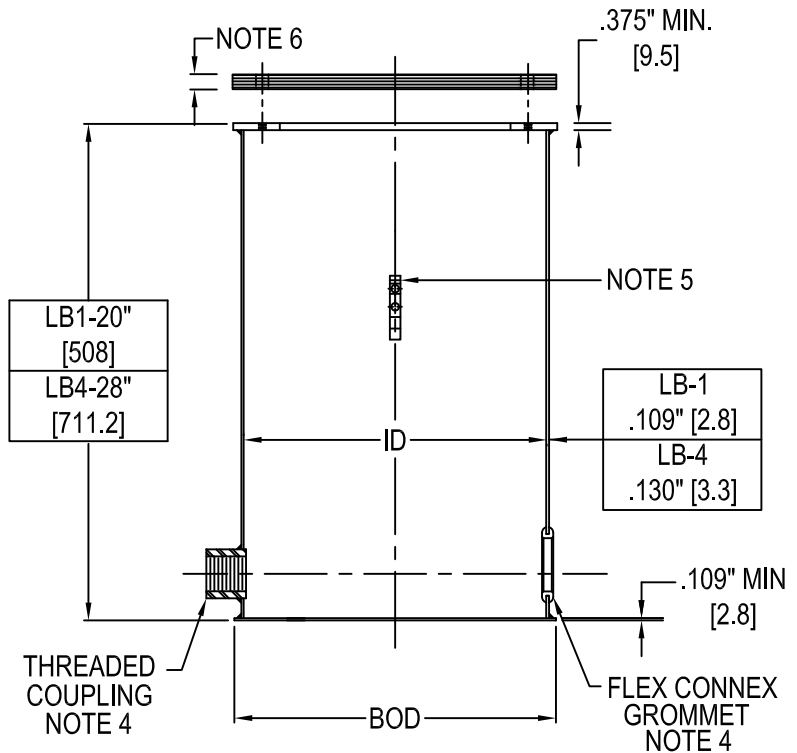
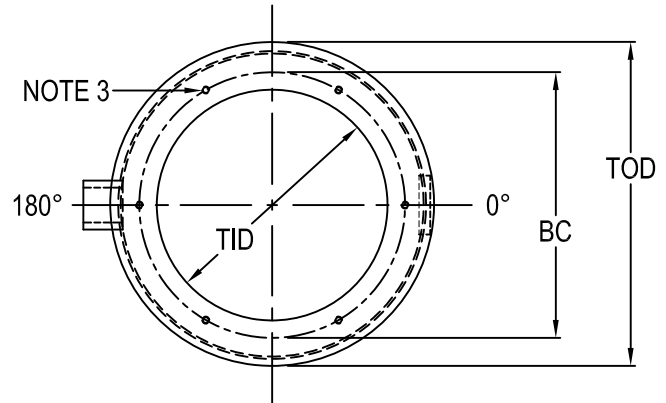


FAA-E-1315a LB-1 & LB-4 Light Base

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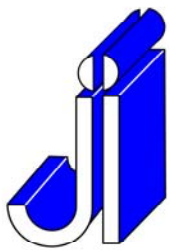
LB-1 Light Base



1. Manufactured in accordance to FAA-E-1315a Specifications
2. Base galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced, tapped holes are located over conduit openings
4. Conduit Openings are:
Flex Connex, or Stainless Steel Coupling (2" NPT)
Various sizes and locations are available
Protective plugs installed in threaded couplings
Flex Connex Grommets are shipped separately
5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h
6. 1/2" Plywood Cover
7. To designate variations to the base, see ordering worksheet

TYPE	TOD/BOD	ID	BC	TID
AC6120 _____ LB-1	17.375" [441.3]	16.25" [412.8]	14.25" [362]	12.375" [314.3]
AC6128 _____ LB-4				

[] = dimensions in metrics; mm



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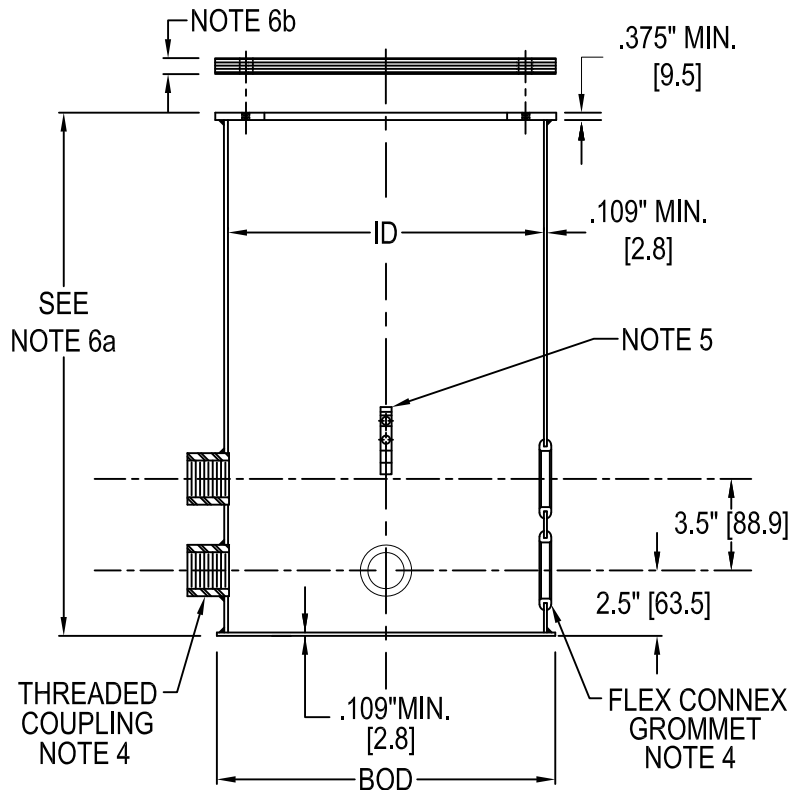
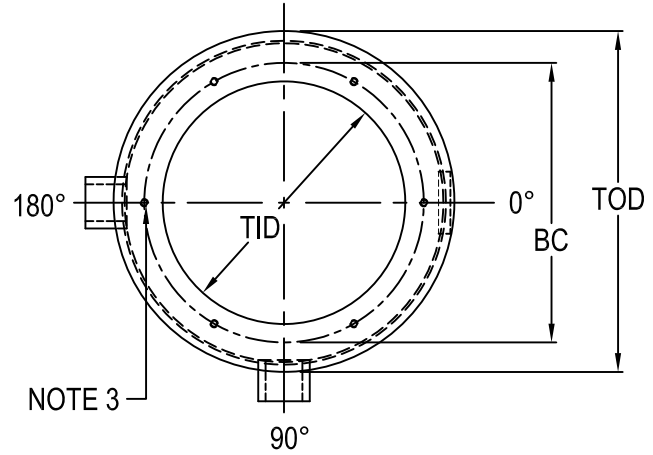
FAA-E-1315a LB-3 Light Base

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LB-3 Light Base

1. Manufactured in accordance to FAA-E-1315a Specifications
2. Base galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced, tapped holes
4. (5) Conduit Openings are:
0-0-90-180-180,
Protective plug installed in threaded couplings
Flex Connex Grommets are shipped seperately
5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h
- 6a. Standard height = 20"
6b. 1/2" Plywood Cover
7. To designate variations to the base, see ordering worksheet



TYPE	TOD/BOD	ID	BC	TID
AC61 _____	17.375"	16.25"	14.25"	12.375"
LB-3	[441.3]	[412.8]	[362.0]	[314.3]

[] = dimensions in metrics; mm

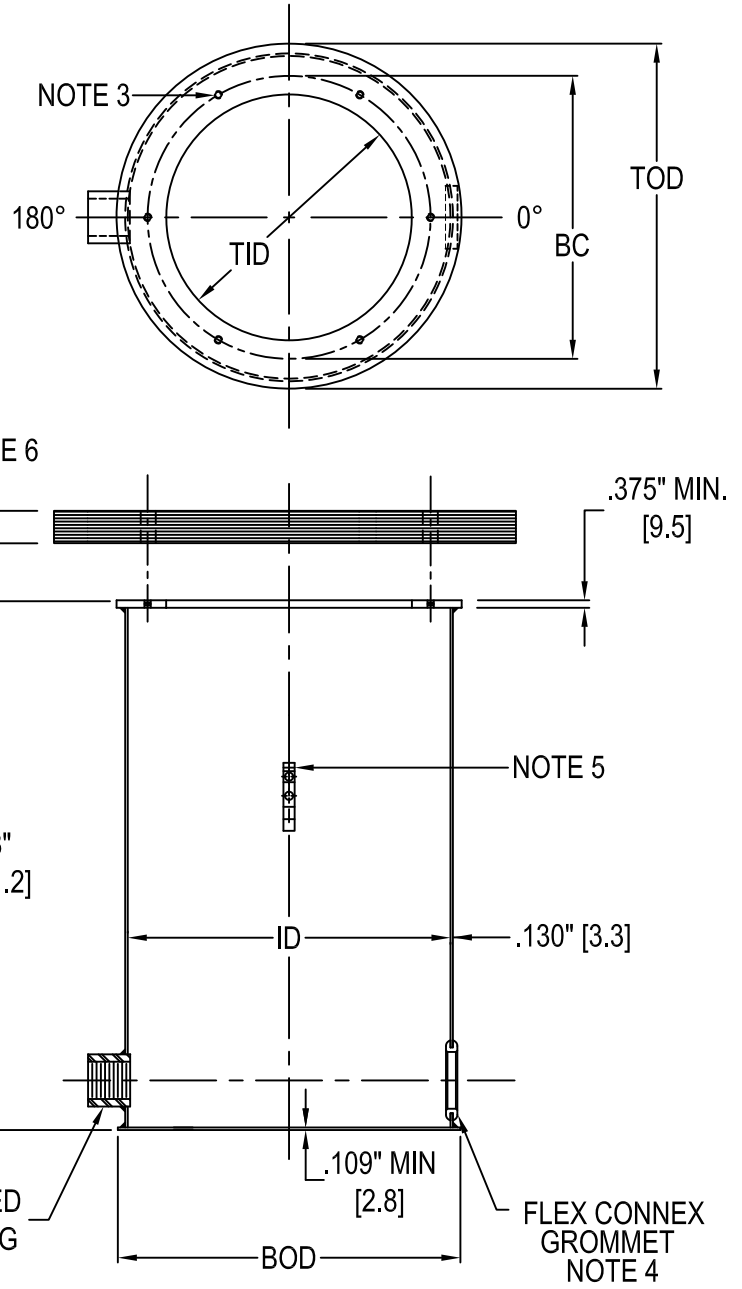
FAA-E-1315a LB-4a Light Base

For FAA-E-2491 Fitting



LB-4a Light Base

1. Manufactured in accordance to FAA-E-1315a Specifications
2. Base galvanized to ASTM-A123/A123M-02
3. (6) 1/2"-13 equally spaced, tapped holes are located over conduit openings
4. Conduit Openings (minimum 2) are:
Located 180° apart, 2.5" up from bottom
Tapped 2" NPT Full Couplings
Protective plug installed in threaded couplings
Flex Connex Grommets are shipped separately
5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h
6. 1 1/4" thick x 22 1/2" Ø Plywood Cover
See data sheet C-14
7. To designate variations to the base, see ordering worksheet



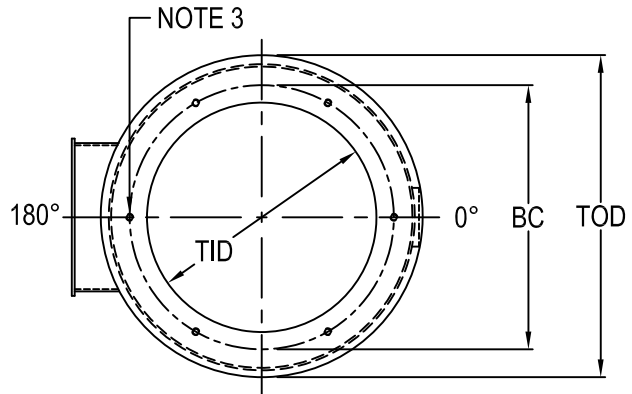
TYPE	TOD/BOD	ID	BC	TID
AC6228	17.375"	16.25"	14.25"	12.375"
LB4A	[441.3]	[412.8]	[362]	[314.3]

[] = dimensions in metrics; mm

B-08h (rev 0)

FAA-E-1315a LB-4

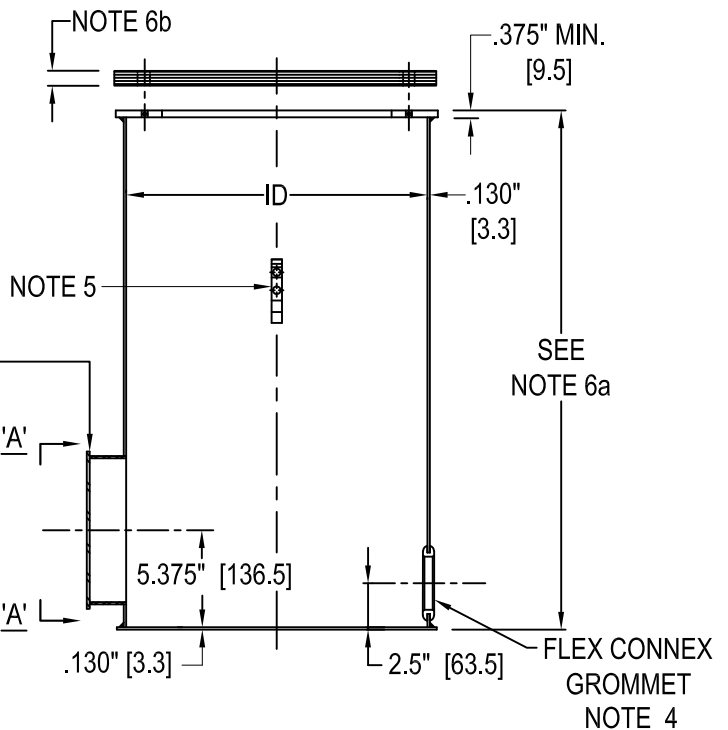
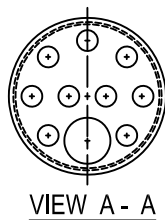
Light Base Modified with 8" Multiple Conduit Sleeve



LB-4 w/ 8" sleeve

1. Manufactured in accordance to FAA-E-1315a Specifications with modifications
2. Base galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced, tapped openings are located over conduit openings
4. Modified LB-4:
 - (1) 2" Flex Connex,
 - (1) 8" Ø O.D. multi conduit sleeve
 - Consisting of :
 - (9) 1.5" Ø holes
 - (1) 2.5" Ø hole
 - Flex Connex Grommet is shipped separately
5. Internal / External Ground Straps are standard. A copper ground lug (AWS0919) is optional, see page I-08h

MULTI CONDUIT PORT SLEEVE NOTE 4



- 6a. Standard height = 28"
- 6b. 1/2" Plywood Cover

7. To designate variations to the base, see ordering worksheet

TYPE	TOD	ID	BC	TID
AC61_9	17.25"	16.25"	14.25"	12.375"
LB-4 MODIFIED	[438.2]	[412.8]	[362.0]	[314.3]

[] = dimensions in metrics; mm



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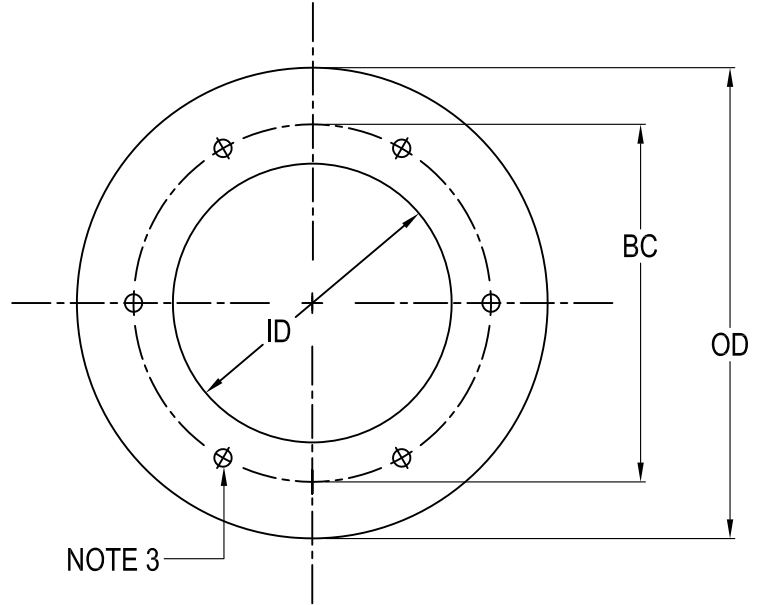


L867 Class 1A Spacer Ring

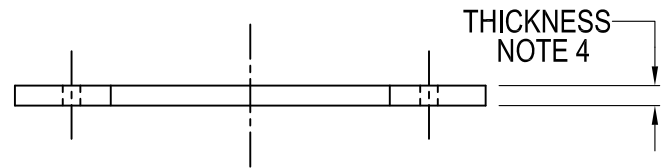
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L-867 Class 1A Spacer Ring



NOTE 3



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A
Size: B=12", D=16", E=24"

2. Spacer rings galvanized to ASTM-A123/A123M-02

3. (6)-7/16" Ø equally spaced, thru holes

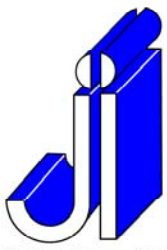
4. Specify ring thickness in 1/16" increments by filling in missing parameters in product number
e.g. A L867B ring .75" thick = AT200612,
for 12/16" thick ring

5. Spacer ring shipped with:
(6) 3/8"-16 x (Ring Thickness + 1/2") Min. Length
Stainless hex head cap screws
(Excluding sizes 1/4" or less)

TYPE	OD	BC	ID
AT2006 __	13.5"	10.25"	9.25"
12" L867B	[342.9]	[260.4]	[235]
AT6003 __	17.375"	14.25"	12.375"
16" L867D	[441.3]	[362]	[314.3]
AT7003 __	24"	21.5"	20"
24" L867E	[609.6]	[546.1]	[508]

[] = dimensions in metrics; mm

B-10h (rev 0)

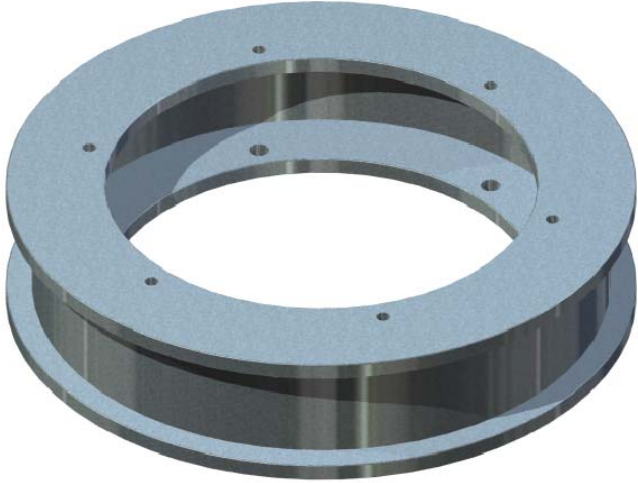


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L867 Class 1A Light Base Extension



L-867 Class 1A Light Base Extension

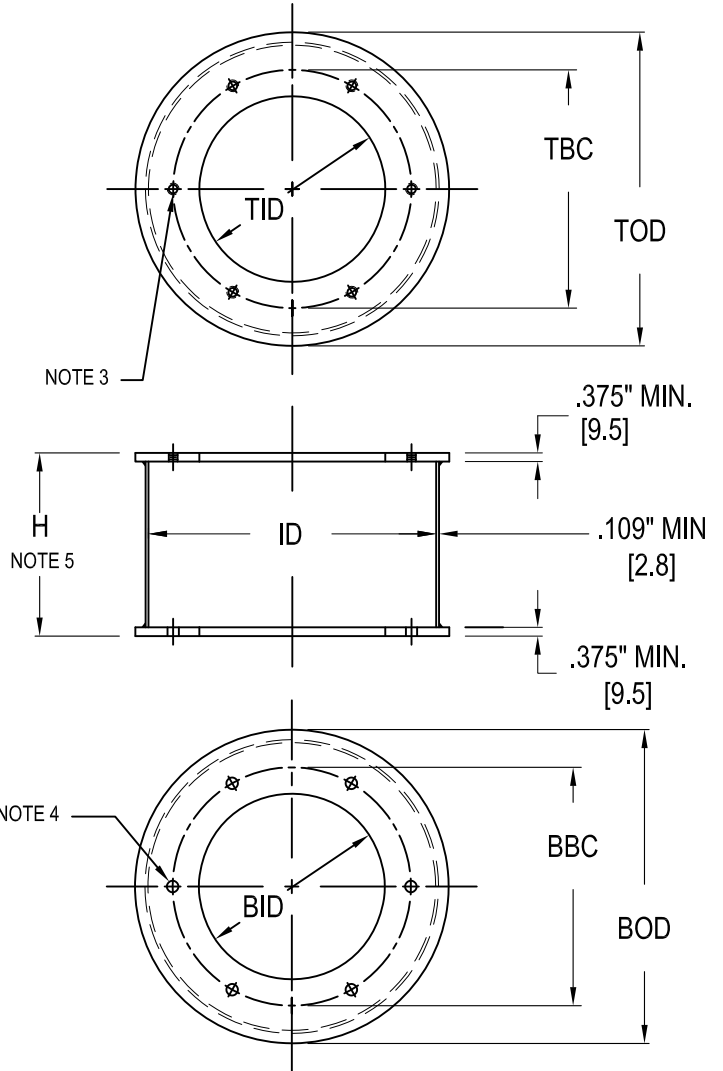
1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Size: B=12", D=16", E=24"
2. Extensions galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced, tapped holes
4. (6) 7/16" Ø equally spaced, thru holes aligned with holes in top ring
5. H = height required, 1.75" minimum

Part no. Example: An extension 3⁵/₁₆" high, is a

AE2 03 05

Inches

Sixteenths of an inch

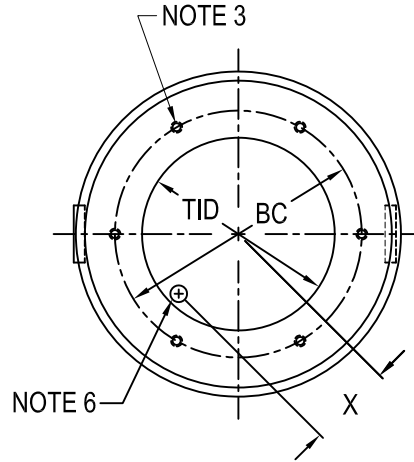
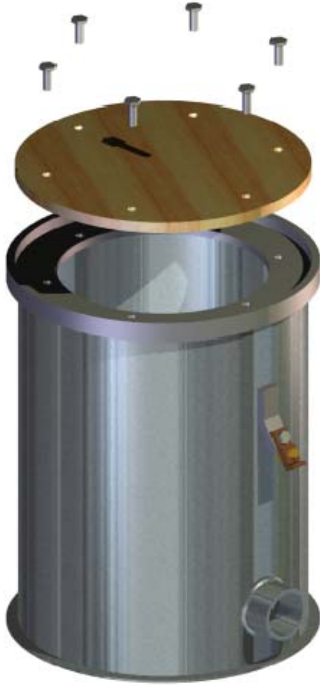


TYPE	PART NO.	TOD & BOD	ID	TBC & BBC	TID & BID
AT2007 12" L867B	AE2 _ _ _ _	13.5"	12.25"	10.25"	9.25"
		[342.9]	[311.2]	[260.4]	[235]
AT6004 16" L867D	AE6 _ _ _ _	17.375"	16.25"	14.25"	12.375"
		[441.3]	[412.8]	[362]	[314.3]
AT7004 24" L867E	AE7 _ _ _ _	24"	22.5"	21.5"	20"
		[609.6]	[571.5]	[546.1]	[508]

[] = dimensions in metrics; mm

B-11h (rev 0)

L867 Class 1A Light Base PORT AUTHORITY N.Y. & N.J.



L-867 Class 1A Port Authority Light Base

1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision) with modifications for Port Authority - N.Y. & N.J.
Size: B=12", D=16"

2. Base galvanized to ASTM-A123/A123M-02

3. (6) 3/8"-16 equally spaced, tapped holes are located over conduit openings

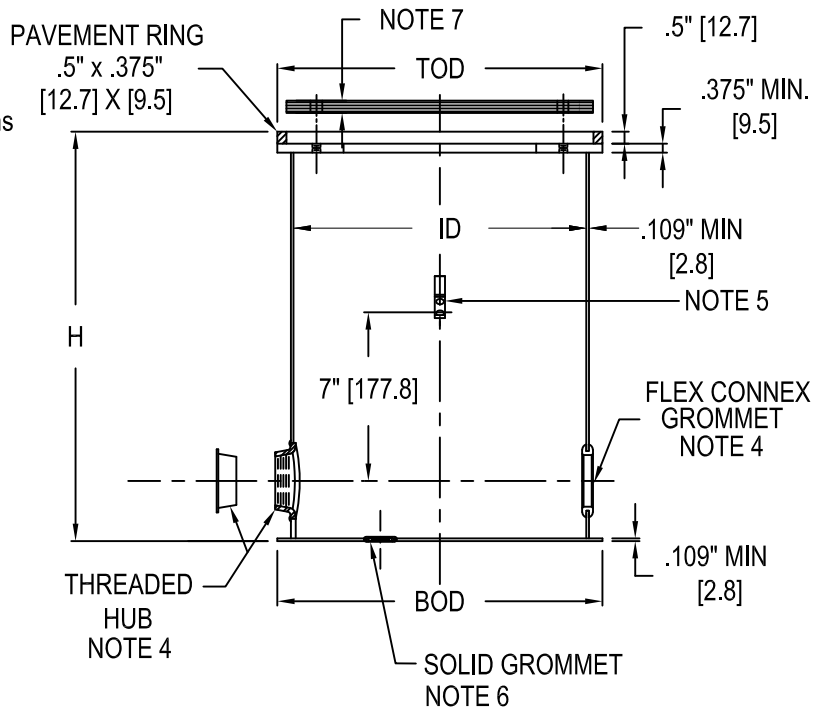
4. Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded hubs
Flex Connex Grommets are shipped separately

5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h

6. (1) 1.375" Ø drain hole offset 3 1/2"
Solid Flex Connex is supplied with base

7. 1/2" Thick L-867 Plywood Cover

8. To designate variations to the base, see ordering worksheet



TYPE	TOD & BOD	ID	TID	BC	H	X
AC2117 _____	13.5"	12.25"	9.25"	10.25"	17"	3.5"
12" L867B	[342.9]	[311.2]	[235]	[260.4]	[431.8]	[88.9]
AC6320 _____	17.375"	16.25"	12.375"	14.25"	20"	5"
16" L867D	[441.3]	[412.8]	[314.3]	[362]	[508]	[127]

[] = dimensions in metrics; mm

L-867 Class 1A Spacer Ring Port Authority N.Y. & N.J.

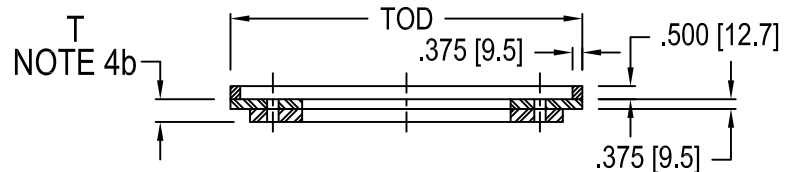
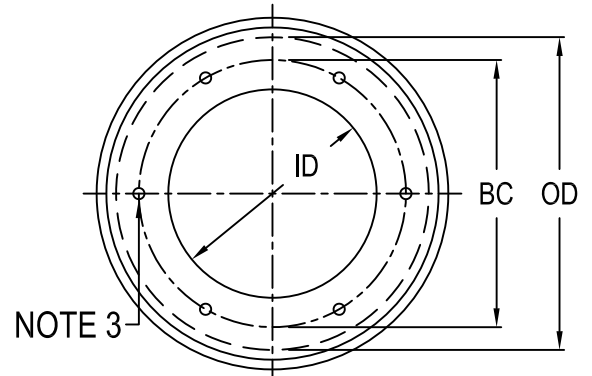
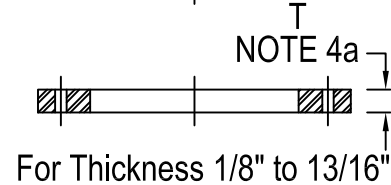
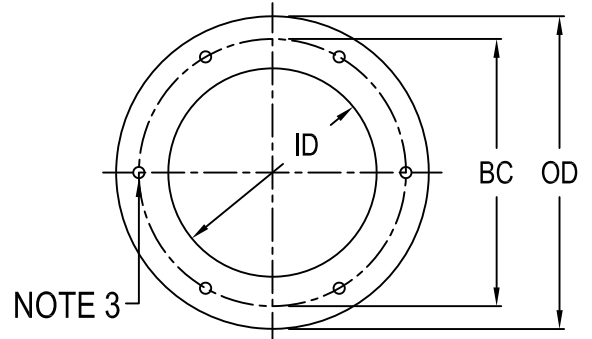


L-867 Spacer Ring 1/8" to 13/16"



L-867 Spacer Ring 7/8" to 1 11/16"

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Modified for Port Authority NY & NJ Standard Size: B=12", D=16"
- Spacer ring galvanized to ASTM-A123/A123M-02
- (6) 7/16" \varnothing equally spaced, thru holes
- Spacer under 1 3/4"
T = extension height in 1/16" increments,
a) 1/8" min. to 13/16" maximum
b) 7/8" min. to 1 11/16" maximum
- Spacer ring shipped with:
(6) 3/8"-16 x (Ring Thickness + 1/2")Min. Length
Stainless hex head cap screws



For Thickness 7/8" to 1 11/16"

TYPE	OD	BC	ID	TOD
AT2008 _ _	12"	10.25"	9.25"	13.5"
12" L867B	[304.8]	[260.4]	[235]	[342.9]
AT6005 _ _	16"	14.25"	12.375"	17.375"
16" L867D	[406.4]	[362]	[314.3]	[441.3]

[] = dimensions in metrics; mm

L-867 Class 1A Extension w/ Pavement Ring Port Authority N.Y. & N.J.



L-867 Extension w/ Pavement Ring

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) with modifications for Port Authority - N.Y. & N.J. standards
Size: B=12", D=16"

2. Extensions galvanized to ASTM-A123/A123M-02

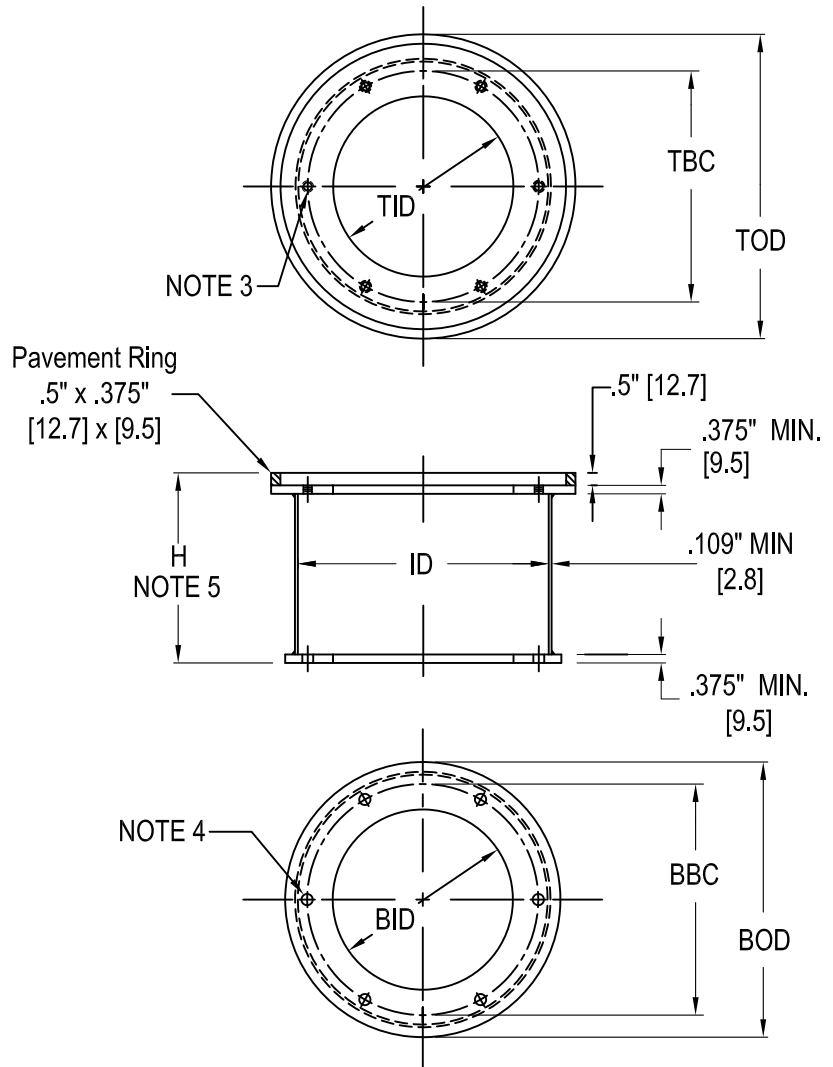
3. (6) 3/8"-16 equally spaced, tapped holes

4. (6) 7/16" Ø equally spaced, thru holes aligned with holes in top ring

5. H = height required, 2.25" minimum
Height includes pavement ring

Part no. Example: An extension 2³/₄" high, is a AT2009 02 12

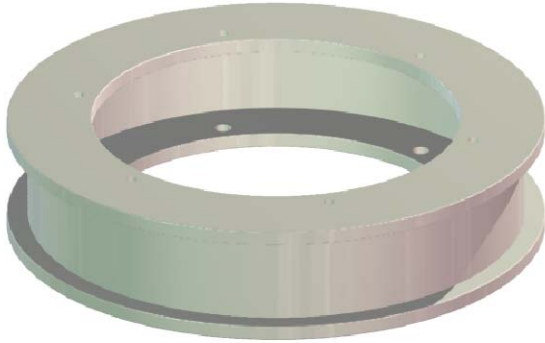
Inches | Sixteenths of an inch



TYPE	ID	TOD	BOD	TBC & BBC	TID & BID
AT2009 _ _ _ _	11.5"	13.5"	12	10.25"	9.25"
12" L867B	[292.1]	[342.9]	[304.8]	[260.4]	[235]
AT6006 _ _ _ _	15.375"	17.375"	16	14.25"	12.375"
16" L867D	[390.5]	[441.3]	[406.4]	[362]	[314.3]

[] = dimensions in metrics; mm

L-867 Class 1B Light Base Extension



L-867 Class 1B Light Base Extension
(ATB pictured above)

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1B
Size: B=12", D=16"

* 2. Material to meet 1B requirement
ATS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
ATB - suffix - .109" Min. Min Thickness Class 1A with VEGA™-KOTE proprietary coating

3. ATS - (6) 3/8"-16 equally spaced, tapped holes

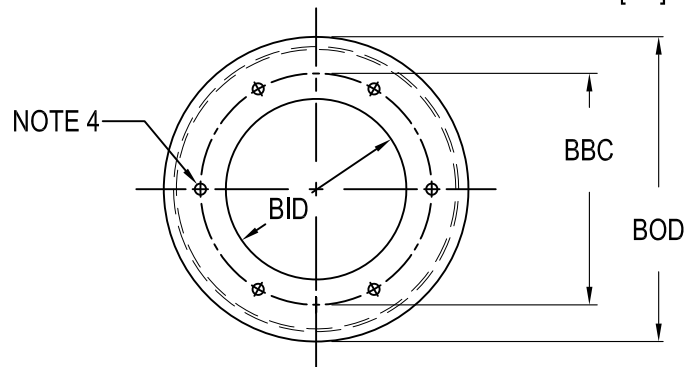
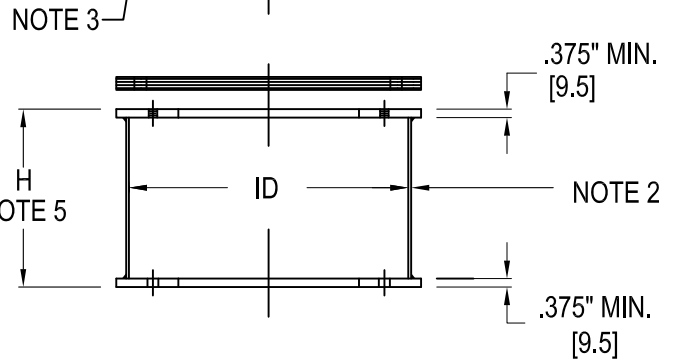
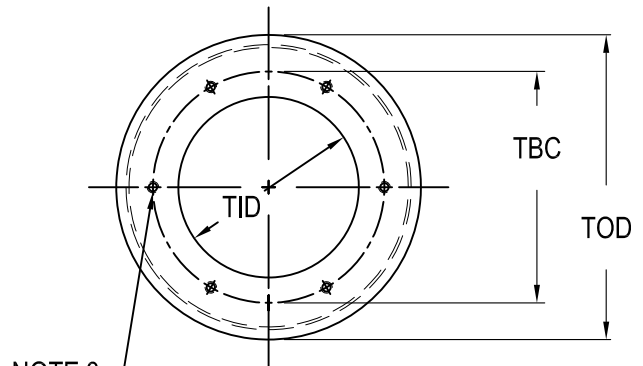
ATB - (6) 3/8"-16 equally spaced, SS Top Ring.

4. (6) 7/16" Ø equally spaced, thru holes aligned with holes in top ring

5. H = height required, 1.75" minimum
For height under 1.75" use spacer ring as per p. B-10

Part no. Example: A Stainless Steel extension $3\frac{5}{16}$ " high, is a AES2 03 05

Inches | Sixteenths of an inch

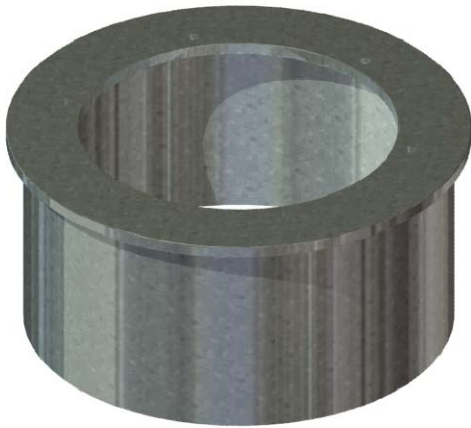


	TYPE	PART NO.	TOD & BOD	ID	TBC & BBC	TID & BID
*	ATS2007	AES2_ _ _ _	13.5"	12.25"	10.25"	9.25"
	ATB2007VK 12" L867B	AEB2_ _ _ _ VK	[342.9]	[311.2]	[260.4]	[235]
*	ATS6004	AES6_ _ _ _	17.375"	16.25"	14.25"	12.375"
	ATB6004VK 16" L867D	AEB6_ _ _ _ VK	[441.3]	[412.8]	[362]	[314.3]

[] = dimensions in metrics; mm

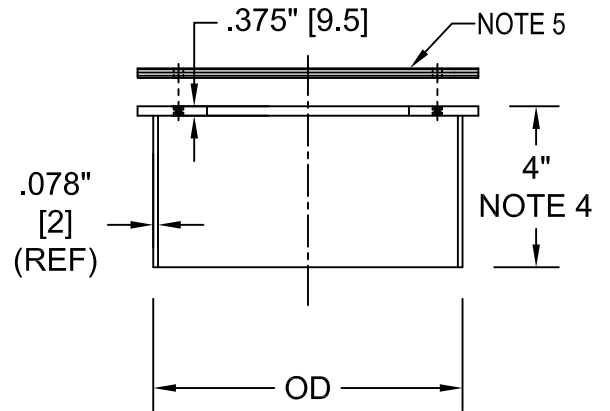
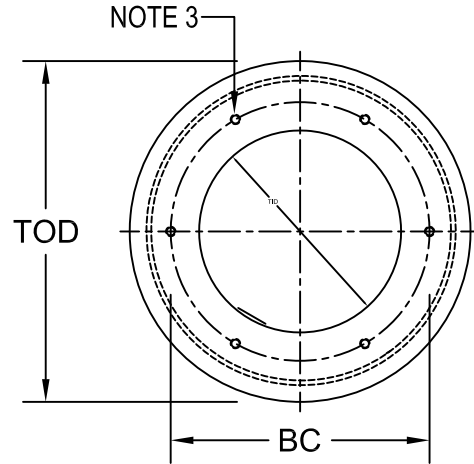
* SEE NOTE 2

L-867 Class 1A Temporary Top Section



L-867 Class 1A Temporary Top Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Size: B=12", D=16", E=24"
2. Temporary tops are NOT galvanized
3. (6) 3/8"-16 equally spaced tapped holes
4. Temporary Top ATT2404 Height = 4"
Temporary Tops are NOT shipped with tinnerman nuts, thumb screws, or thumb-screw brackets
5. Shipped with 1/2" Plywood Cover
6. Mudplate Optional



TYPE	OD	TOD	TID	BC
ATT2404	12.25"	13.5"	9.25"	10.25"
12" L867B	[311.2]	[342.9]	[235]	[260.4]
ATT6404	16.125"	17.375"	12.375"	14.25"
16" L867D	[409.6]	[441.3]	[314.3]	[362]
ATT6704	22.375"	24"	20"	21.5"
24" L867E	[568.3]	[609.6]	[508]	[546.1]

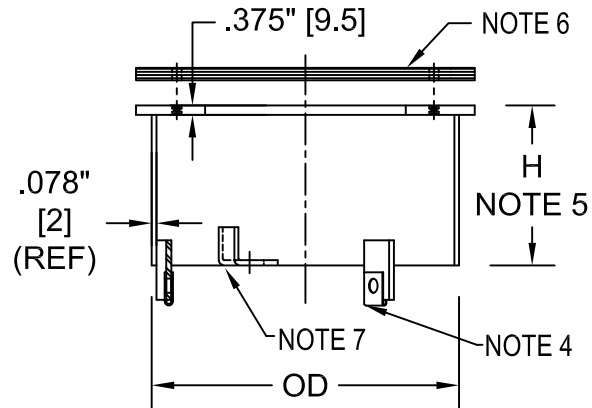
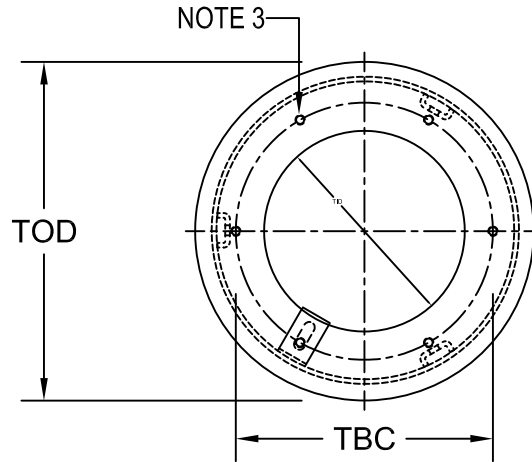
[] = dimensions in metrics; mm

L-867 Class 1A Adjustable Light Base Upper Section



Adjustable Light Base

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1A Size: B=12", D=16", E=24"
2. Adjustable Tops are galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced tapped holes
4. Adjustable Tops are shipped with:
(3) 5/16" tinnerman nuts (30680439)
(3) 5/16"-18 x 1" Thumb Screws (30660438)
5. H = height required
Standard Height = 6 3/8" & 10 3/8"
6. Supplied with 1/2" Plywood Cover
Mudplate Optional
7. Hold down bracket can be used as an internal ground

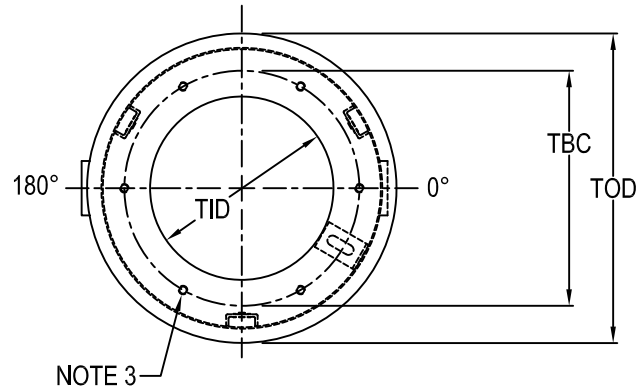


TYPE	OD	TOD	TID	TBC
AT24_ _ 12" L867B	12.25"	13.5"	9.25"	10.25"
	[311.2]	[342.9]	[236.2]	[260.4]
AT64_ _ 16" L867D	16.063"	17.375"	12.375"	14.25"
	[408]	[441.3]	[314.3]	[362]
AT67_ _ 24" L867E Modified	22.375"	24"	20"	21.5"
	[568.3]	[609.6]	[508]	[546.1]

[] = dimensions in metrics; mm

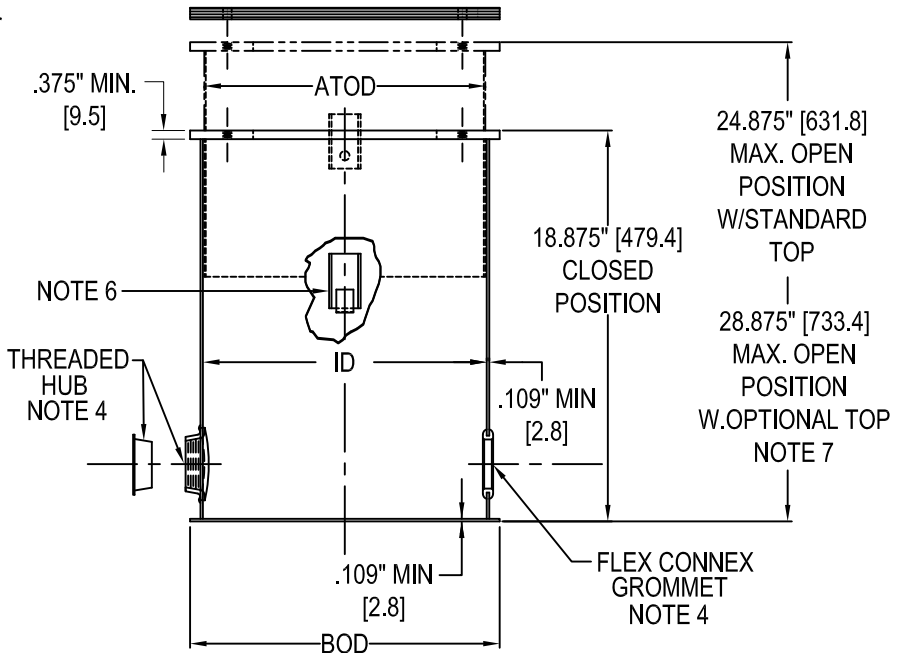
ADJUSTABLE LIGHT BASE

L-867 Class 1A



AC20242H2002E1PCC

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1 Size: B=12", D=16", E=24"
- Base galvanized to ASTM-A123/A123M-02
- (6) 3/8"-16 equally spaced, tapped holes
- Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded hubs
Flex Connex Grommets are shipped separately
- External Ground Straps are standard:
for Internal ground use hold down bracket
- (3) 5/16" Tinnerman Nuts attached to brackets are used to set elevation of top portion
- Detail has a standard 6 3/8" high adjustable top, also available with a 10 3/8" high adjustable top.



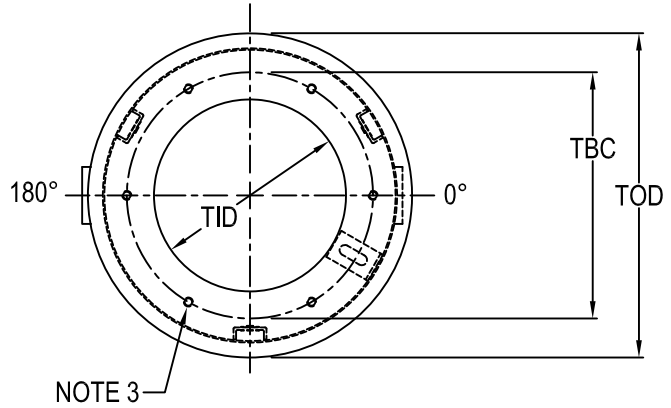
TYPE	ID	TBC	TID	TOD & BOD	ATOD
AC2024 _____PCC 12" L867B	12.375" [314.3]	10.25" [260.4]	9.25" [234.9]	13.5" [342.9]	12.25" [311.2]
AC6024 _____PCC 16" L867D	16.25" [412.8]	14.25" [362]	12.375" [314.3]	17.375" [441.3]	16.125" [409.6]
AC6034 _____PCC 24" L867E	22.5" [571.5]	21.5" [546.1]	20" [508]	24" [609.6]	22.375" [568.3]

[] = dimensions in metrics; mm

B-19h (rev 0)

ADJUSTABLE LIGHT BASE

L-867 Class 1B



ACS20242H2002E1PCC

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1B
Size: B=12", D=16"

2. Material to meet 1B requirement
ACS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
ACB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

3. ACS - (6) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional.
ACB - (6) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional.

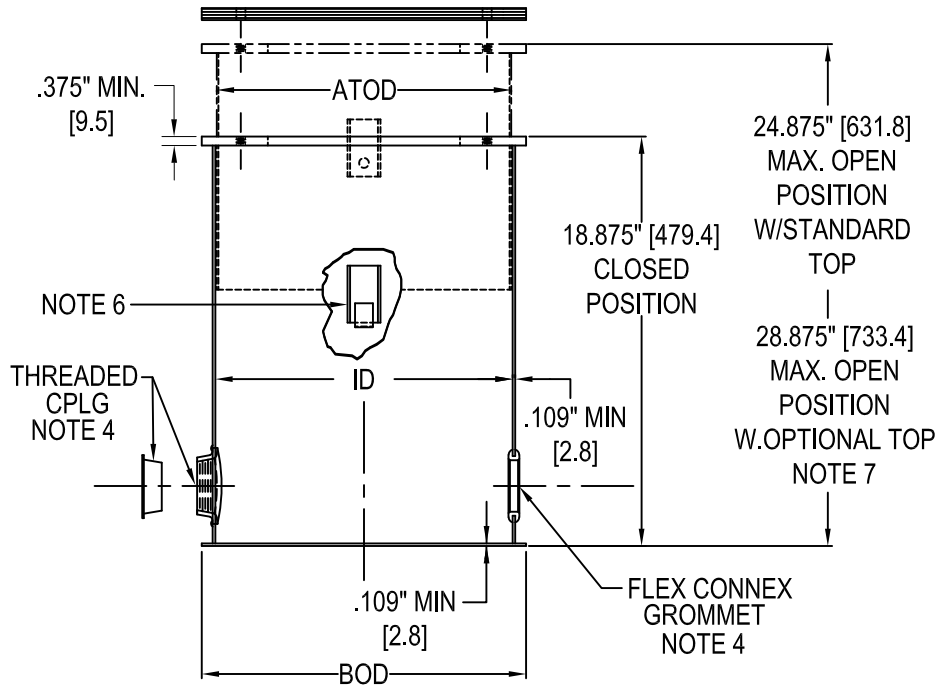
4. ACS - bases available without any conduit openings (field drilled)

Conduit Openings are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plugs installed in threaded couplings
Flex Connex Grommets are shipped separately

5. Internal / External Stainless Steel Ground Straps are standard
"ACB" option equipped with uncoated ground straps
A Copper Gground Lug AWS0919 is optional

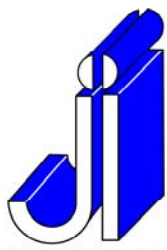
6. (3) 5/16" Tinnerman Nuts attached to brackets are used to set elevation of top portion

7. Detail has a standard 6 3/8" high adjustable top, also available with a 10 3/8" high adjustable top. To designate variations to the base, see ordering worksheet



	TYPE	ID	TBC	TID	TOD & BOD	ATOD
L867B 12"	ACS2024_____PCC	12.375"	10.25"	9.25"	13.5"	12.25"
	ACB2024_____VKPCC	[314.3]	[260.4]	[234.9]	[342.9]	[311.2]
L867D 16"	ACS6024_____PCC	16.25"	14.25"	12.375"	17.375"	16.125"
	ACB6024_____VKPCC	[412.8]	[362]	[314.3]	[441.3]	[409.6]
L867E 24"	ACS6034_____PCC	22.5"	21.5"	20"	24"	22.375"
	ACB6034_____VKPCC	[571.5]	[546.1]	[508]	[609.6]	[568.3]

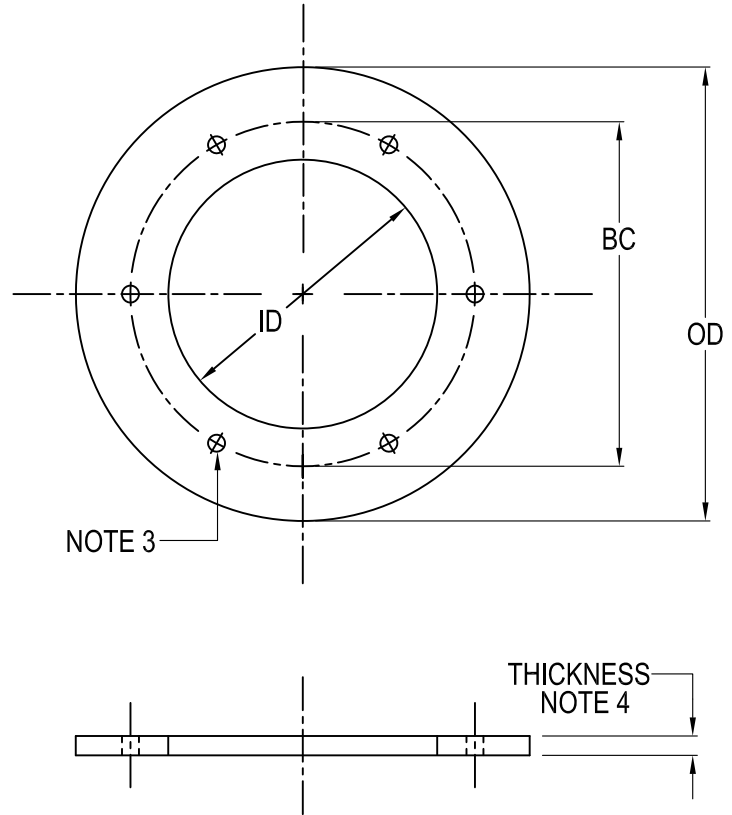
[] = dimensions in metrics; mm



L-867 Class 1B Spacer Ring



L-867 Class 1B Spacer Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867 class 1B Size: B=12", D=16", E=24"

2. Material to meet 1B requirement
 AT_S - $\frac{1}{8}$ " Min. Thickness 304/18-8 Stainless Steel
 AT_B - $\frac{1}{8}$ " Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

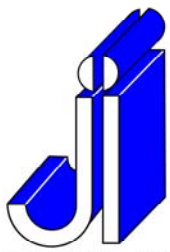
3. (6)-7/16" Ø equally spaced, thru holes

4. Specify ring thickness in $\frac{1}{16}$ " increments by filling in missing parameters in product number
 e.g. A L867B ring .75" thick = AT_S200612, for $\frac{12}{16}$ thick ring

5. Spacer ring shipped with:
 (6) 3/8"-16 x (Ring Thickness + 1/2")
 Min. Length Stainless hex head cap screws

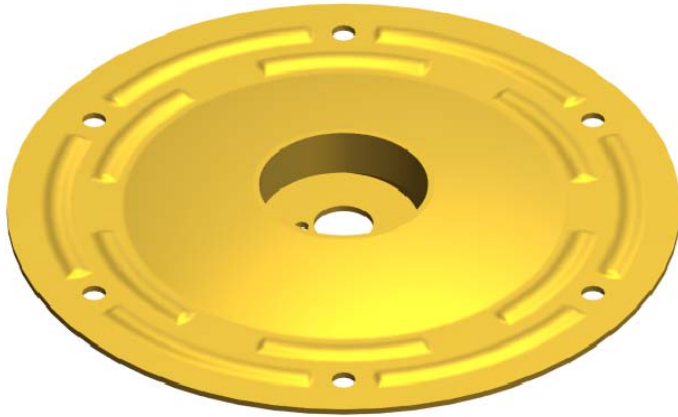
TYPE	PART NO.	OD	BC	ID
L867B 12"	AT_S2006__	13.5"	10.25"	9.25"
	AT_B2006__VK	[342.9]	[260.4]	[235]
L867D 16"	AT_S6003__	17.375"	14.25"	12.375"
	AT_B6003__VK	[441.3]	[362]	[314.3]
L867E 24"	AT_S7003__	24"	21.5"	20"
	AT_B7003__VK	[609.6]	[546.1]	[508]

[] = dimensions in metrics; mm

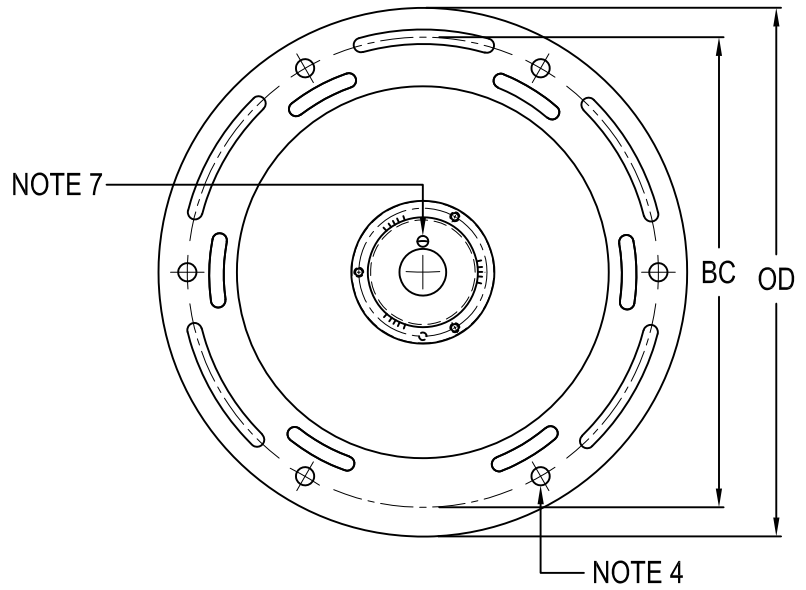
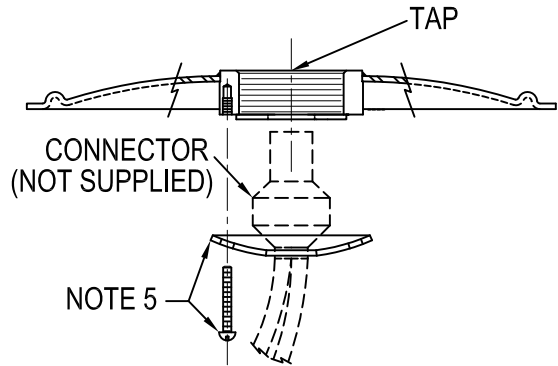


Corten Base Plate

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L-894 Corten Base Plate



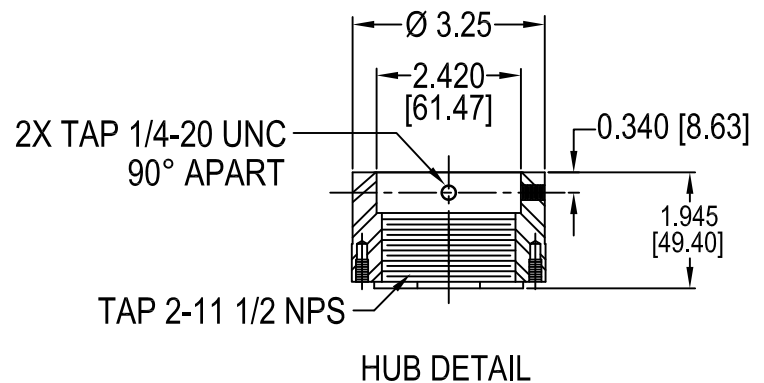
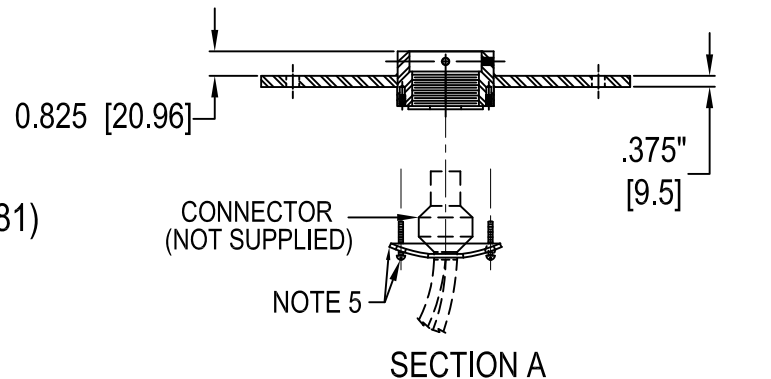
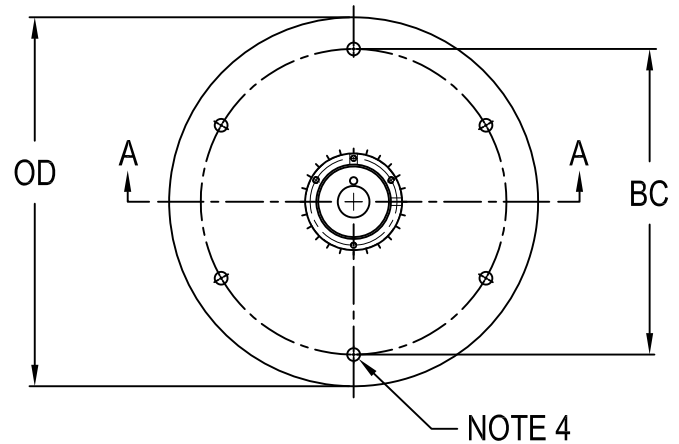
1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision)
Size: B=12", D=16"
2. Material: .109" min. thickness Corten A606 steel
3. Finish: Aviation yellow powder coat
4. (6) 7/16" Ø equally spaced, thru holes
5. Base plate shipped with:
Neoprene gasket:
AP1932/1935 & AP1942/1945 12" (10530287)
AP2932/2935 16" (10530281)
Hardware packup #6120 which contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2" SS machine screws (10670781)
6. Grounded version available (see p.K-01f)
Add "G" suffix to part number
7. (1) 1/4" Ø Weep Hole Standard
8. Other thread types available (e.g. 2"-11 BSP)

TYPE	OD	BC	TAP
AP1932	12"	10.25"	2" NPS
12" L867B	[304.8]	[260.4]	[50.8]
AP1935	12"	10.25"	1 1/2"-12 NF
12" L867B	[304.8]	[260.4]	[38.1]
AP1942	12"	11.25"	2" NPS
12" L867B	[304.8]	[285.8]	[50.8]
AP1945	12"	11.25"	1 1/2"-12 NF
12" L867B	[304.8]	[285.8]	[38.1]
AP2932	16"	14.25"	2" NPS
16" L867D	[406.4]	[362]	[50.8]
AP2935	16"	14.25"	1 1/2"-12 NF
16" L867D	[406.4]	[362]	[38.1]

[] = dimensions in metrics; mm.

Extended Hub Base Plate

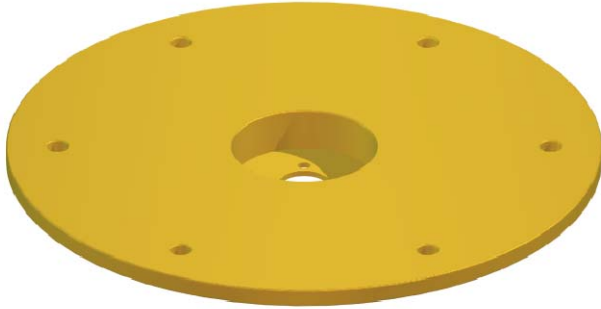
1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision)
Size: B=12", D=16"
 2. Material: A36 HR Steel
 3. Finish: Aviation yellow powder coat
 4. (6) 7/16" Ø equally spaced, thru holes
 5. Base plate shipped with:
Neoprene gasket:
AP 1832/1835 12" (10530287) , 16" (10530281)
(2) 1/4-20 UNC x 1" stainless hex head bolt
- Hardware packup #6120 which contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2 stainless machine screws (10670781)
6. Grounded version available. (see K-01h for details) Add "G" suffix to Item Number.
(ex: AP1832EHG)



TYPE	OD	BC	TAP
AP1832EH	12.375"	10.25"	2" NPS
12" L867B	[314.3]	[260.4]	[50.8]
AP2832EH	16"	14.25"	2" NPS
16" L867D	[406.4]	[362]	[50.8]

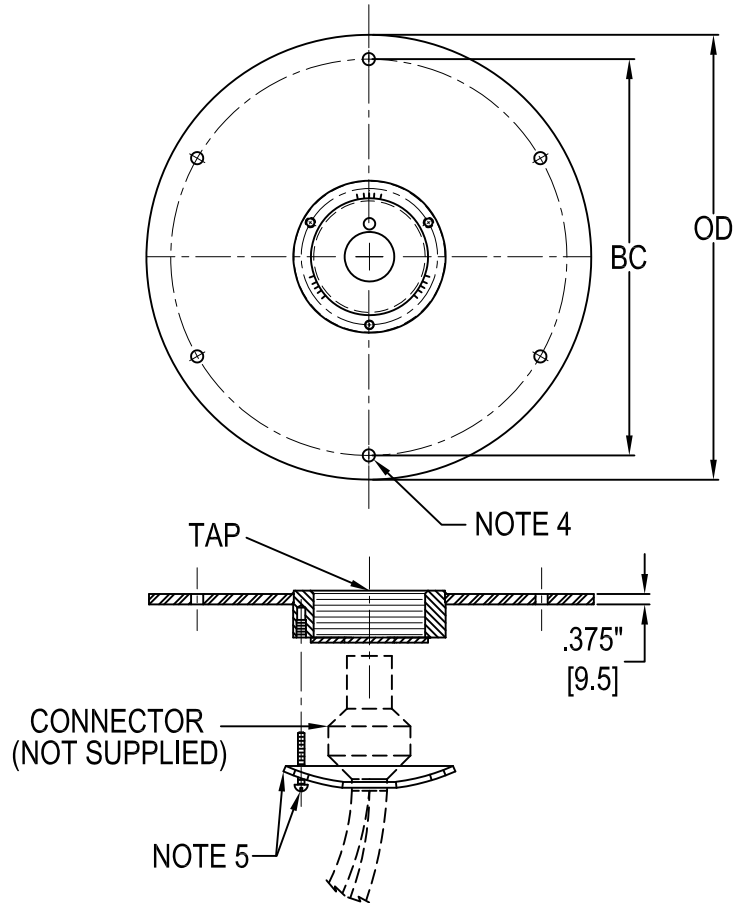
[] = dimensions in metrics; mm

Standard Base Plate



L-894 Standard Base Plate

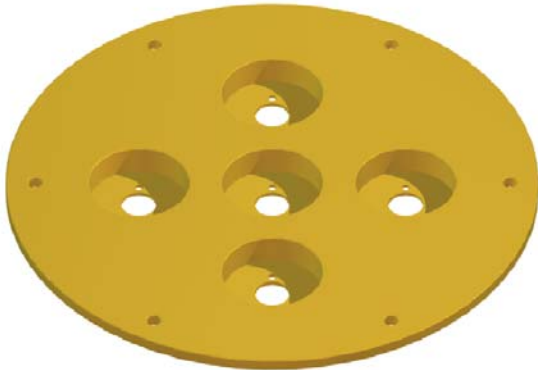
1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision)
Size: B=12", D=16"
2. Material: A36 Steel
3. Finish: Aviation yellow powder coat
4. (6) 7/16" Ø equally spaced, thru holes
5. Base plate shipped with:
Neoprene gasket:
AP 1832/1835 12" (10530287)
AP 2832/2835 16" (10530281)
Hardware packup #6120 which contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2 SS machine screws (10670781)
6. Grounded version available (see p.K-01h)
Add "G" suffix to part number
7. Approved to support elevated Guard lights
8. Multiple opening available. See Dwg # C-03



TYPE	OD	BC	TAP
AP1832	12.375"	10.25"	2" NPS
12" L867B	[314.3]	[260.4]	[50.8]
AP1835	12.375"	10.25"	1 1/2"-12 NF
12" L867B	[314.3]	[260.4]	[38.1]
AP1842	12.375"	11.25"	2" NPS
12" L868B	[314.3]	[285.8]	[50.8]
AP1845	12.375"	11.25"	1 1/2"-12 NF
12" L868B	[314.3]	[285.8]	[38.1]
AP2832	16"	14.25"	2" NPS
16" L867D	[406.4]	[362]	[50.8]
AP2835	16"	14.25"	1 1/2"-12 NF
16" L867D	[406.4]	[362]	[38.1]

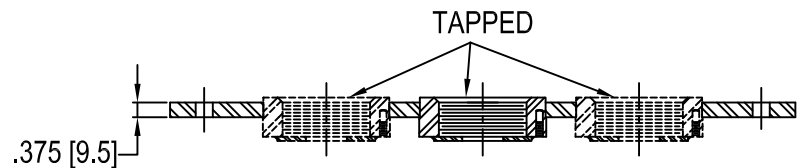
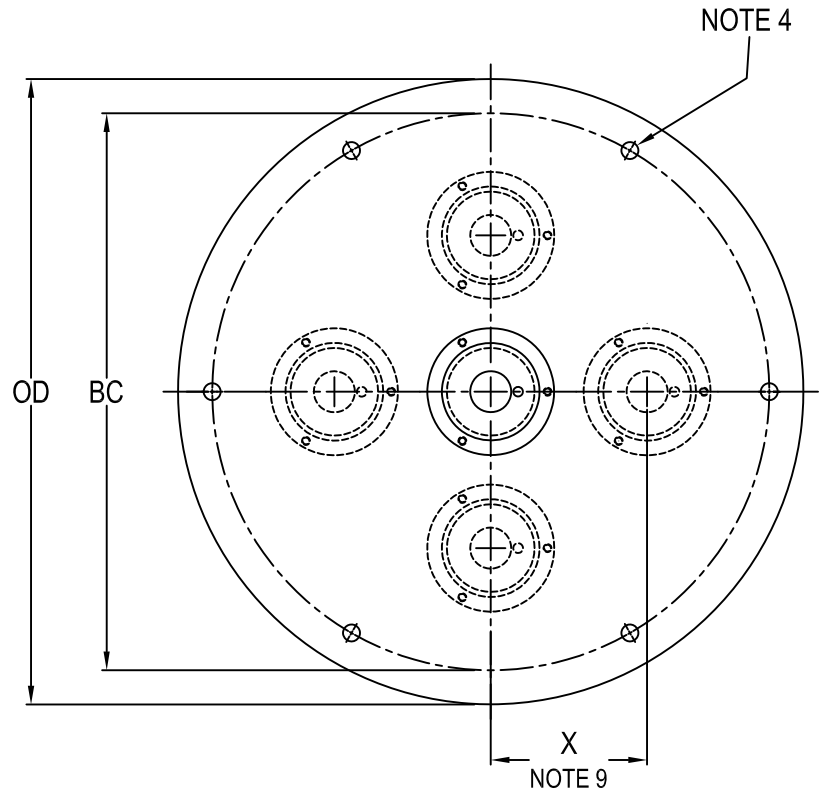
[] = dimensions in metrics; mm

Multiple Opening Base Plate



L-895 Multiple Opening Base Plate

1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision)
Size: B=12", D=16"
2. Material: A36 Steel
3. Finish: Aviation yellow powder coat
4. (6) 7/16" Ø equally spaced, thru holes
5. Base plate shipped with:
Neoprene gasket:
AP 1832/1835 12" (10530287)
AP 2832/2835 16" (10530281)
Hardware packup #6120 per opening contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2 SS machine screws (10670781)
6. Grounded version available (see p.K-01f)
Add "G" suffix to part number

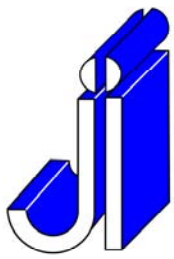


7. Approved to support elevated Guard lights
8. Available with 2, 3, 4, or 5 openings. Consult factory
Must specify position
12" - Maximum 3 X = 2" [50.8] Maximum Spacing
16" - Maximum 5 X = 4" [101.6] Maximum Spacing

Part No. Example: A 16" diameter Base Plate with (3) openings is an AP28323.

TYPE	OD	BC	TAP
AP1832_	12.375"	10.25"	2" NPS
12" L867B	[314.3]	[260.4]	[50.8]
AP2832_	16"	14.25"	2" NPS
16" L867D	[406.4]	[362]	[50.8]

[] = dimensions in metrics; mm

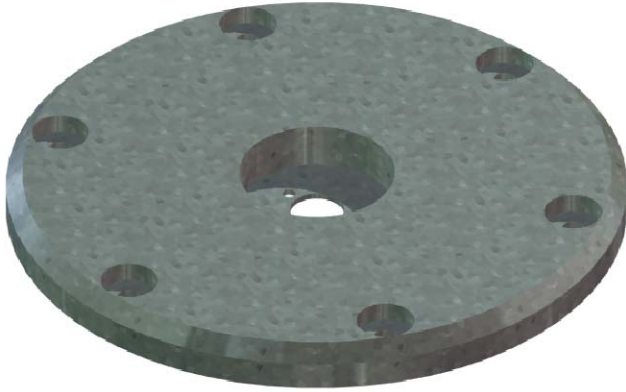


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INDUSTRIES INC.



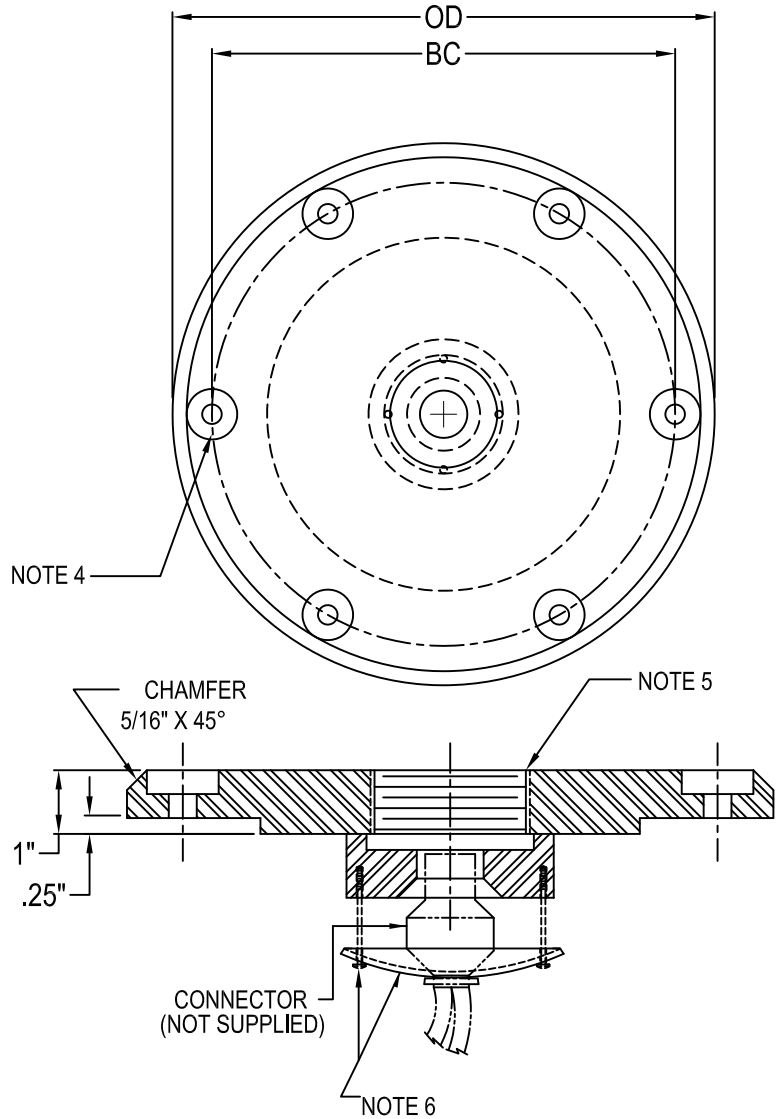
USAF Military Base Plate

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USAF Military Base Plate

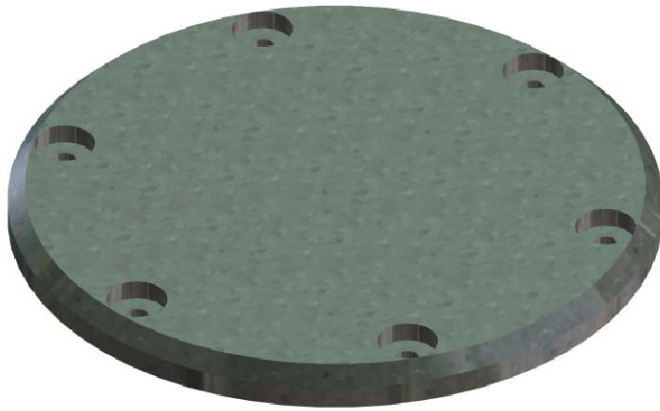
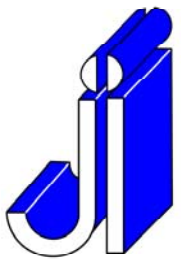
1. Manufactured in accordance to Military Specifications MIL B-8954 A
2. Material: A572 Grade 50 Steel
3. Base plate is galvanized to ASTM-A123/A123M
4. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 3/8" deep counter bore
Specify 10 1/4" Or 11 1/4" bolt circles per chart
5. Available with (2) tap sizes: 2"-11 1/2" NPS or 1"-1/2"-12 UNF
6. Packed with:
Neoprene gasket (10530287)
Hardware packup #6118 which contains:
(6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
(6) seal washers (AW0914)
Hardware packup #6122 which contains:
(1) four hole cable clamp (8092)
(4) #10-24 x 1 1/2" SS machine screws (10670781)



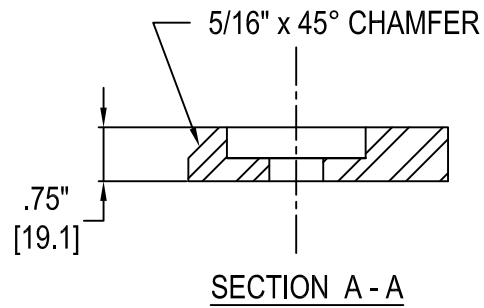
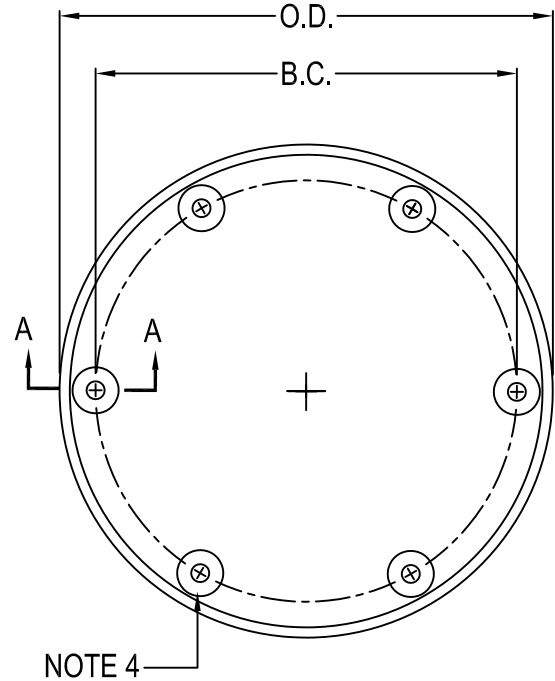
TYPE	OD	BC	TAP
AP1402 MIL B-8954A 12"	12" [304.8]	10.25" [260.4]	2" NPS [50.8]
AP1412 MIL B-8954A 12"	12" [304.8]	11.25" [285.8]	2" NPS [50.8]
AP1405 MIL B-8954A 12"	12" [304.8]	10.25" [260.4]	1 1/2" NPS [38.1]
AP1415 MIL B-8954A 12"	12" [304.8]	11.25" [285.8]	1 1/2" NPS [38.1]

[] = dimensions in metrics; mm.

C-04h (rev 0)



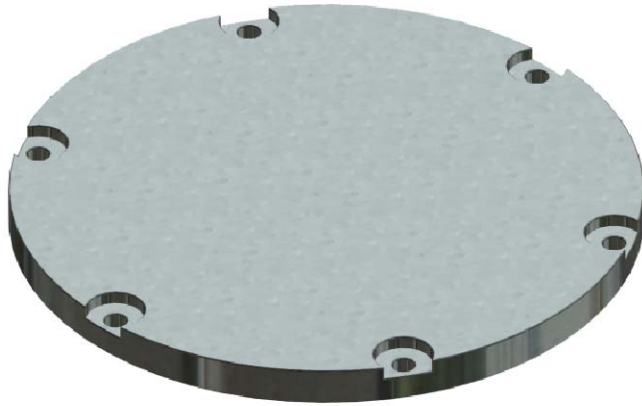
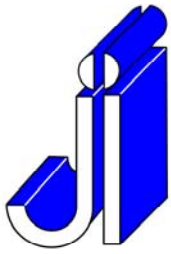
USAF Military Cover Plate



1. Manufactured in accordance to Military Specifications MIL B-8954 A
2. Material: A572 Grade 50 Steel
3. Cover plates are galvanized to ASTM-A123/A123M
4. (6) 7/16" equally spaced, thru holes with 1 1/8" Ø x 3/8" deep counter bore
5. Cover Plate shipped with:
 Neoprene Gasket:
 AK1400 (10530287)
 AK1410 (10530287)
 AK1450 (10530863)
 Hardware Packup #6118 each contains:
 (6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
 (6) 3/8" seal washers (AW0914)

TYPE	OD	BC
AK1400	12"	10.25"
MIL B-8954		
MS-26580	[304.8]	[260.4]
AK1410	12"	11.25"
MIL B-8954		
MS-26580	[304.8]	[285.8]
AK1450	17.375"	14.25"
MIL B-8954		
MS-26580-2	[441.33]	[362]

[] = dimensions in metrics; mm



Cover Plate

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision);
L867 B,D,E; L868 A,B,C
Size: A=8", B=12", C=15", D=16", E=24"

2. Material:

AK series (1A) = Galvanized A-36 to ASTM-A123/A123M-02
AK series (1B) = AK series with VEGA™-KOTE proprietary coating (w/"VK" suffix)

AKS series (1B) = 304 Stainless Steel

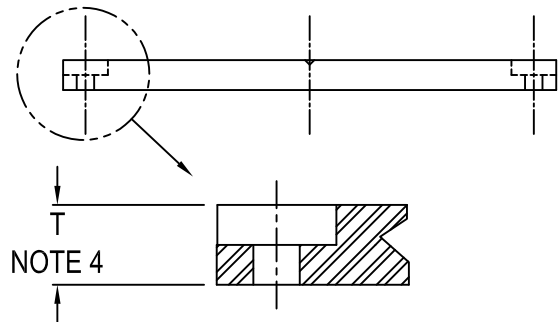
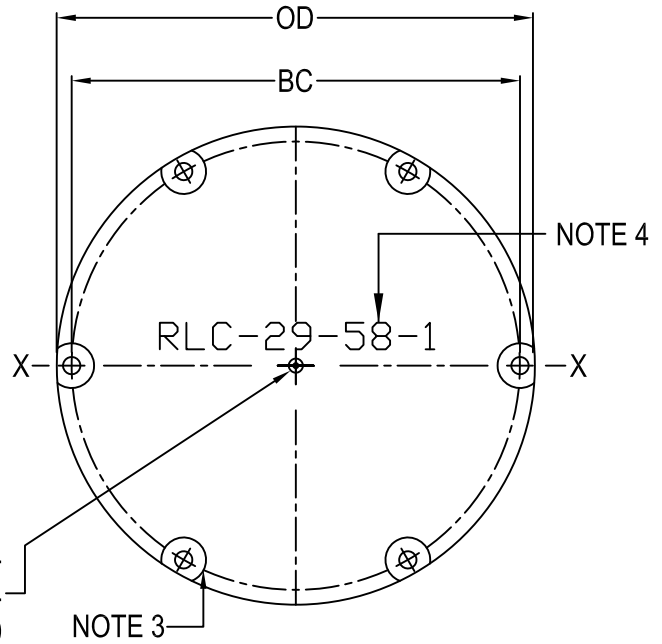
- (6) 7/16" Ø equally spaced, thru holes. (NOTE: 8" L868A covers do not have holes on X-X axis)
For covers thicker than .75", (2) opposite holes (0°, 180°) must be tapped 1/2-13.
Ø1 1/8" x 3/8" deep counter bore on L868 covers 1/2" & thicker
Ø1 1/8" x 1/4" deep counter bore on L867 covers 1/2" & thicker

4. Contact factory for variations:

- GROUNDING
- ENGRAVED MARKINGS
- THREADED OPENINGS
- THICKER SIZES
- CENTER DRILLED

Note: T = thickness in 1/16ths
(ex. AK400012 is 3/4" thick)

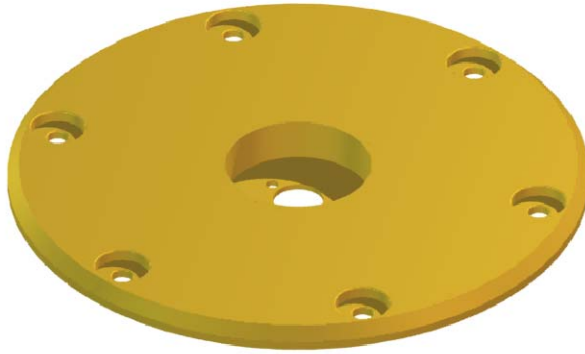
- Bolts and Gaskets NOT included.



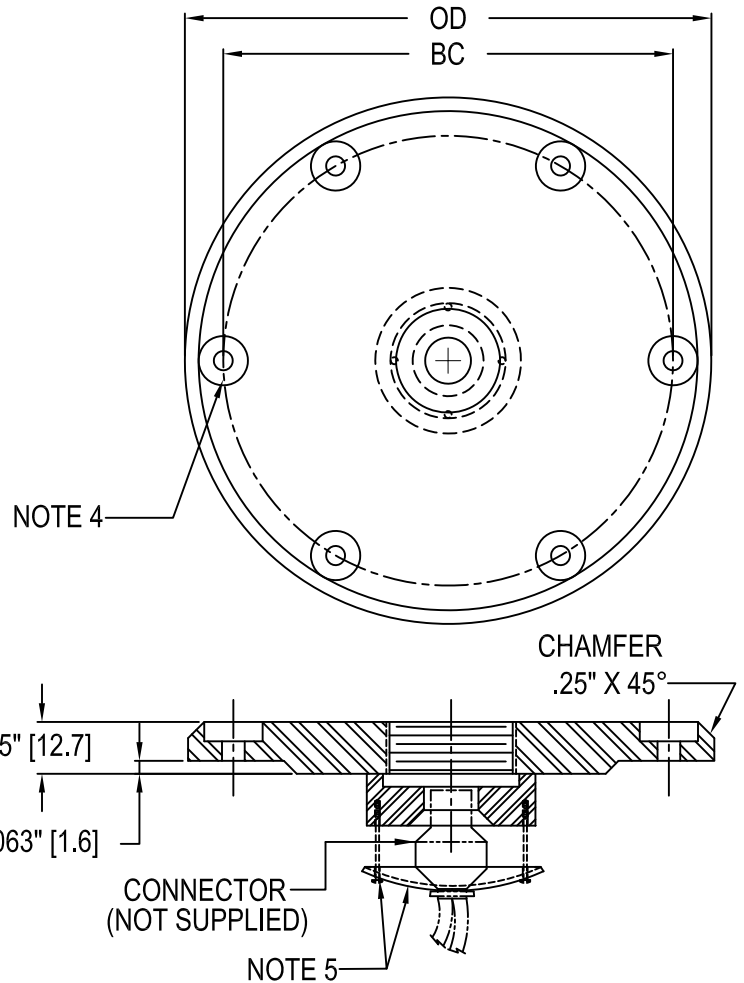
TYPE	Part Number	Class	min.T	BC	OD
12" L867B	AK10_____	1A	.375"	10.25"	13.5"
	AK10_____VK	1B	[9.5]	[260]	[343]
	AKS10_____	1B			
16" L867D	AK20_____	1A	.375"	14.25"	17.375"
	AK20_____VK	1B	[9.5]	[362]	[441]
	AKS20_____	1B			
24" L867E	AK70_____	1A	.5"	21.5"	24"
	AK70_____VK	1B	[12.7]	[546.1]	[609.6]
	AKS70_____	1B			
8" L868A	AK80_____	1A	.75"	7.25"	8"
	AK80_____VK	1B	[19.1]	[184.2]	[203.2]
	AKS80_____	1B			
12" L868B	AK40_____	1A	.75"	11.25"	12"
	AK40_____VK	1B	[19.1]	[285.8]	[304.8]
	AKS40_____	1B			
15" L868C	AK50_____	1A	1.25"	14.25"	15"
	AK50_____VK	1B	[31.75]	[362]	[381]
	AKS50_____	1B			

[] = dimensions in metrics; mm

Base Plate Port Authority N.Y. & N.J.



Port Authority Base Plate



1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision) with modifications for Port Authority - N. Y. & N. J. Standards

2. Material: ASTM A36 Steel

3. Finish: Aviation yellow powder coat

4. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 1/4" deep counter bore

5. Base plate shipped with:

Neoprene gasket:

12" (10530287)

16" (10530281)

Hardware packup #6117 which contains:

(6) 3/8"-16 SS x 1 1/4" Stainless hex head cap screws (10650202)

(6) Bartite seal washers (10680173)

Hardware packup #6122 which contains:

(1) four hole cable clamp (8092)

(4) #10-24 x 1 1/2" SS machine screws (10670781)

6. Approved to support elevated Guard lights

TYPE	OD	BC	TAP
AP1602	12"	10.25"	2" NPS
12" L8687B	[304.8]	[260.4]	[50.8]
AP1605	12"	10.25"	1 1/2"-12 NF
12" L8687B	[304.8]	[260.4]	[38.1]
AP2602	16.00"	14.25"	2" NPS
16" L8687D	[406.4]	[362]	[50.8]
AP2605	16.00"	14.25"	1 1/2"-12 NF
16" L8687D	[406.4]	[362]	[38.1]

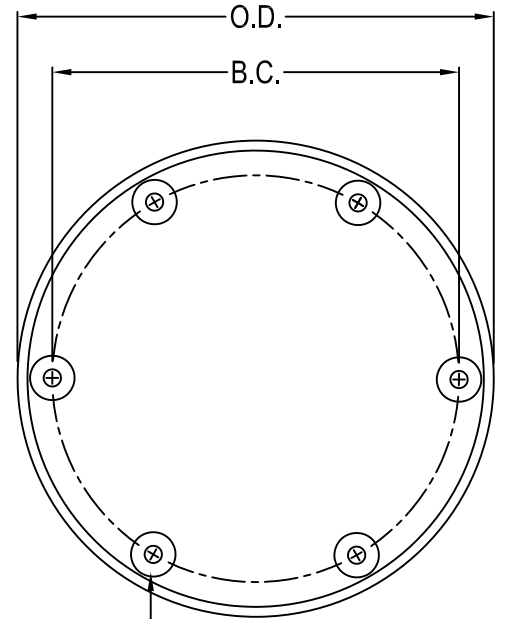
[] = dimensions in metrics; mm.

Cover Plate Port Authority N.Y. & N.J.

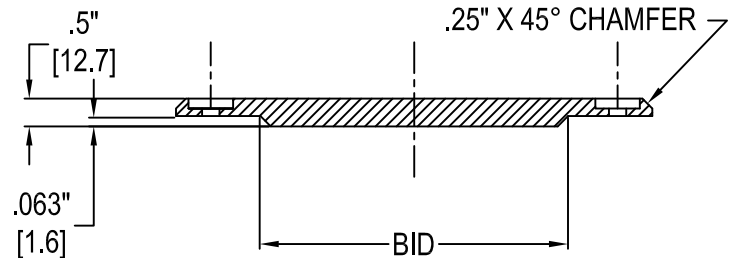


Port Authority Cover Plate

1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision) with modifications for Port Authority - N.Y. & N.J. Standards
2. Material: ASTM A36 Steel
3. Finish: Aviation Yellow powder coat
4. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 1/4" deep counter bore
5. Cover Plate shipped with:
Neoprene Gasket (10530287)
Bolt packup #6117 which contains:
(6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
(6) 3/8" Bartite washers (10680173)
6. Grounded version available (see p.K-01f)
Add "G" suffix to part number



NOTE 4

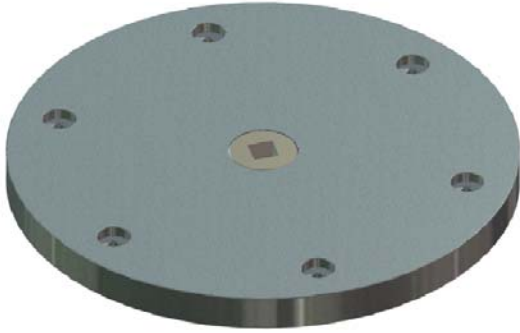


TYPE	OD	BID	BC
AK1600 12" L867B	12"	7.75"	10.25"
	[304.8]	[196.9]	[260.4]
AK2600 16" L867D	16.00"	12.125"	14.25"
	[406.4]	[308.0]	[362]

[] = dimensions in metrics; mm

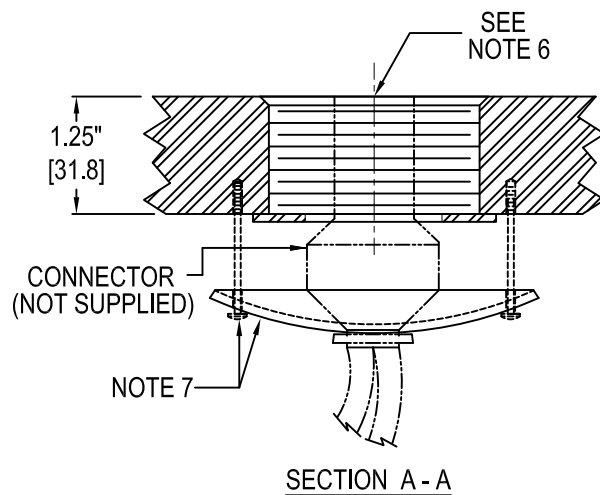
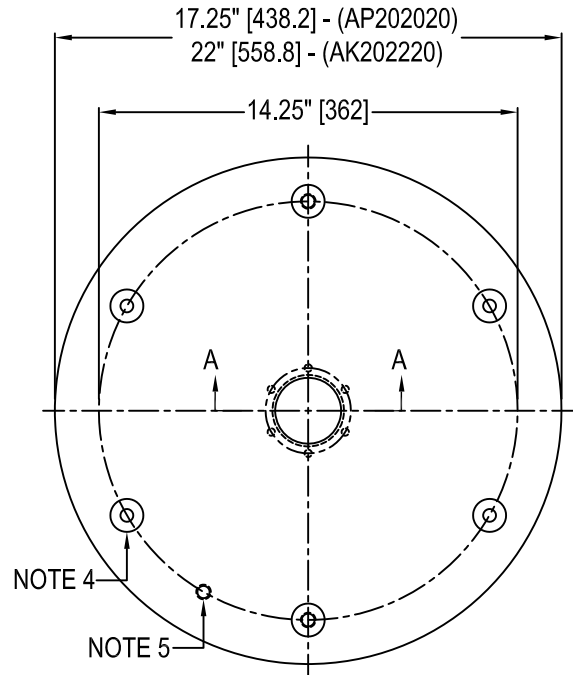
C-08h (rev 0)

Type 'A' Heavy Cover Plate

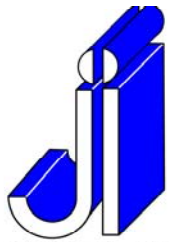


Type 'A' Heavy Cover Plate

1. Manufactured in accordance to FAA D-5225 Specifications
2. Material: A572 Grade 50 Steel
3. Cover plate is galvanized to ASTM-A123/A123M-02
4. AP202020: (6) 7/16" \varnothing equally spaced, thru holes with 1 1/8" \varnothing x 3/8" deep counter bore
AK202220: (6) 9/16" \varnothing equally spaced, thru holes with 1 3/8" \varnothing x 3/8" deep counter bore
5. (1) 1/2"-13, 3/4" deep Lifting hole, with 1/2"-13 x 1/2" SS hex socket set screw installed flush with top surface
AK202220 ONLY
6. 2" NPS [50.8] Tap
(1) 2" pipe plug (10700318) installed
Omit tapped center hole in **(AK202220)**
7. Cover plate shipped with:
Bolt packup #6114 **(AP202020 ONLY)** which contains:
(6) 3/8"-16 x 1 1/2" Stainless hex head bolts (10651875)
Hardware packup #6120 which contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2" SS machine screws (10670781)
Interface washer packup #6125 which contains:
(1) SS Interface washer (8102)
(3) #10-24 x 3/8" Stainless hex head cap screws (10653091)
(AK202220 hardware packup not included)
8. May be supplied with additional openings
(2, 3, 4, or 5) as required
9. Grounded version available (see p.K-01f)
Add "G" suffix to part number



[] = dimensions in metrics; mm.



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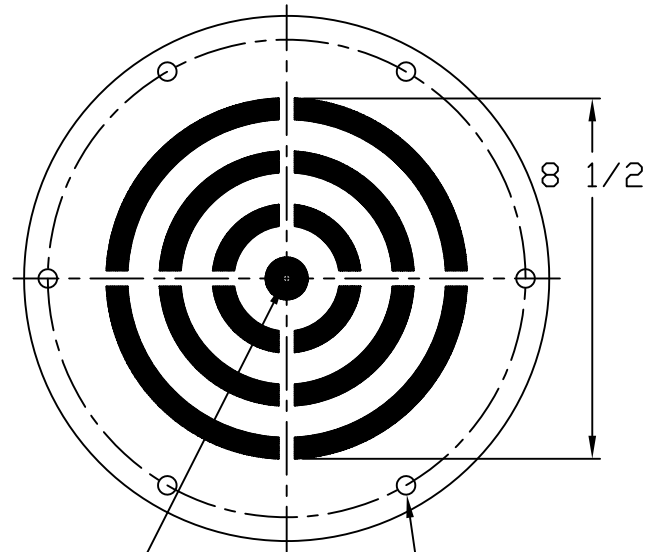
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Mud Plate For L867 & L868 Light Bases



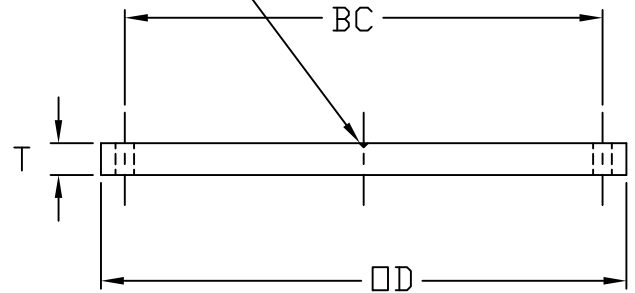
Mud Plate

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: A=8", B=12", C=15", D=16"
2. Material: ASTM A36 Hot Rolled Steel
Finish : T = thickness of .75"
hot dip galvanized with yellow painted target, 1/2" wide concentric rings, and center punch mark.
Mud plates with T = thickness of .75" are required if mud plates installed longer than two months or direct aircraft rollover is anticipated
3. (6) Ø7/16" thru holes, equally spaced



PRICK PUNCH
(DIMPLE)

NOTE 3

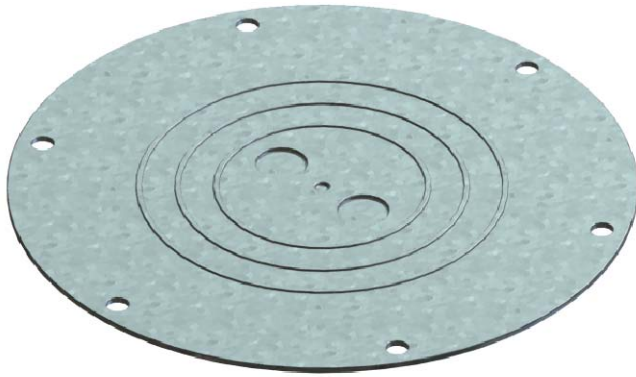


TYPE	T	OD	BC
AK400112	.75"	12.375"	10.25"
12" L868B	[19.1]	[314.3]	[260.4]
AK400112X	.75"	12.375"	11.25"
12" L868B	[19.1]	[314.3]	[285.8]

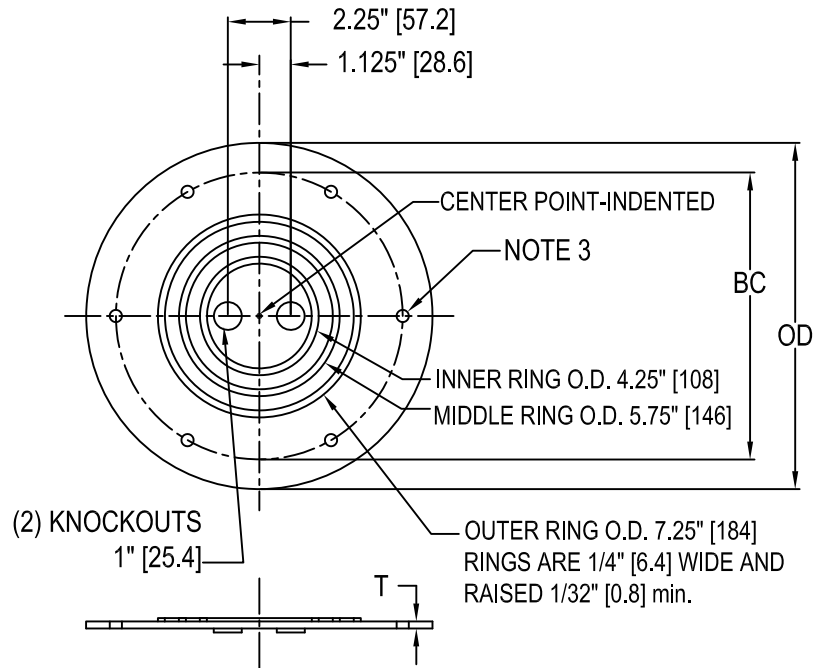
[] = dimensions in metrics; mm

C-10.1h (rev 0)

Mud Plate For L867 & L868 Light Bases



Mud Plate



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: A=8", B=12", C=15", D=16"

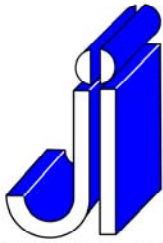
2. Finish : T = thickness of .125"
are galvanized steel with raised target, center punch mark & knockouts
* Finish : T = thickness of .75"
are galvanized with painted target, and center punch mark.
Mud plates with T = thickness of .75" are required if mud plates installed longer than two months or direct aircraft rollover is anticipated

3. (6) Ø7/16" thru holes, equally spaced

TYPE	T	OD	BC
AM5417	.125"	12.375"	10.25"
12" L868B	[3.2]	[314.3]	[260.4]
12" L867B	[3.2]	[314.3]	[260.4]
AM5527	.125"	15.375"	14.25"
15" L868C	[3.2]	[390.5]	[362]
16" L867D	[3.2]	[390.5]	[362]
* AK400112	.75"	12.375"	10.25"
12" L868B	[19.1]	[314.3]	[260.4]
AM5727	.125"	23.00"	21.5"
24" L867E	[3.2]	[584.2]	[546.1]
AM5017	.125"	8.375"	6.25"
8" L868A	[3.2]	[212.7]	[158.8]
AM5027	.125"	8.375"	7.25"
8" L868A	[3.2]	[212.7]	[184.2]
AM5427	.125"	12.375"	11.25"
12" L868B	[3.2]	[314.3]	[285.8]
AM5517	.125"	15.375"	13.25"
15" L868C	[3.2]	[390.5]	[336.6]

[] = dimensions in metrics; mm

* SEE NOTE 2



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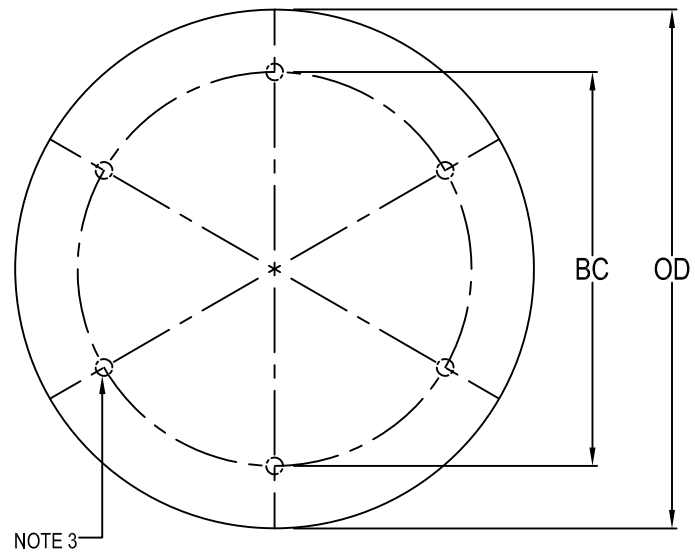


L-867 Exterior Plywood Cover

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L-867 Plywood Cover



NOTE 3

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867
2. Material: Exterior Grade Plywood
3. (6) 7/16" Ø equally spaced, thru holes



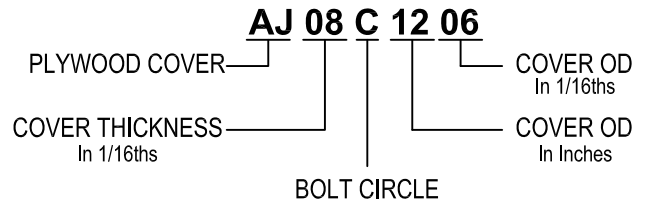
BOLT CIRCLE LETTERS:

- C = 10 1/4" Ø
- F = 14 1/4" Ø
- G = 21 1/2" Ø

Standard Plywood Thickness Tolerances:

- 1/2", 3/4" & 1 1/4" = +0 / -1/16
- 5/8" = +0 / -1/32

Tolerances on Non-Standard thicknesses are available upon request.



(ex. This cover is 1/2" Thick, w/ 10 1/4" Bolt Circle, and 12 3/8" OD)

[] = dimensions in metrics; mm.

L-868 Exterior Plywood Cover



L-868 Plywood Cover

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868
2. Material: Exterior Grade Plywood
3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" x 1/4" deep counter bore
NO counter bore on 5/8" covers
Holes "Z" eliminated on Size A covers
4. Edge and 1" minimum each side coated with Parafin

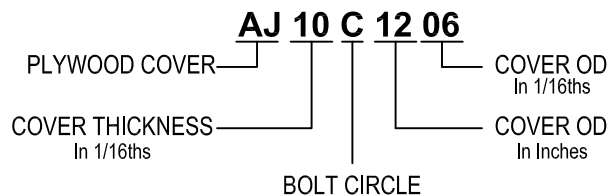
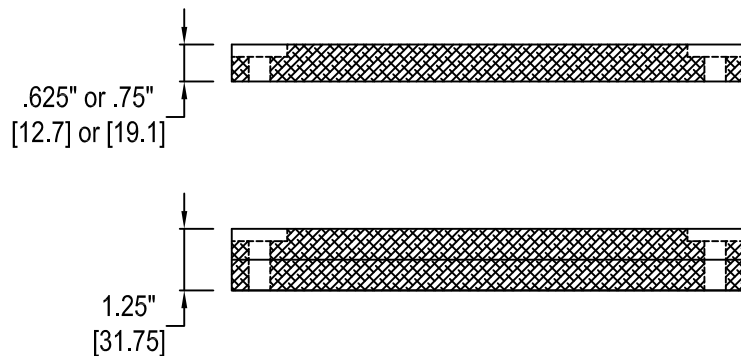
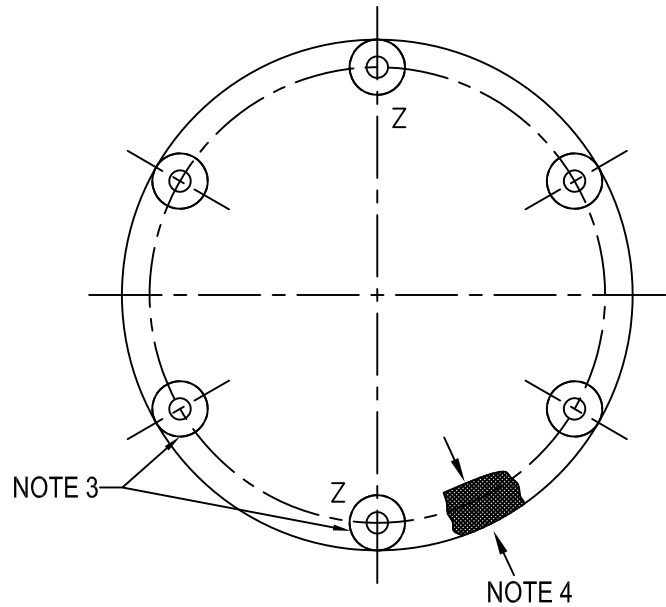
BOLT CIRCLE LETTERS:

- S = 7" Ø
- W = 7 1/4" Ø
- A = 8 1/4" Ø - (obsolete)
- B = 9 1/4" Ø
- C = 10 1/4" Ø
- D = 11 1/4" Ø
- E = 13 1/4" Ø
- F = 14 1/4" Ø

Standard Plywood Thickness Tolerances:

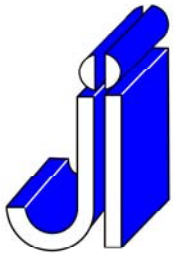
- 1/2", 3/4" & 1 1/4" = +0 / -1/16
- 5/8" = +0 / -1/32

Tolerances on Non-Standard thicknesses are available upon request.



(ex. This cover is 5/8" Thick, w/ 10 1/4" Bolt Circle, and 12 3/8" OD)

[] = dimensions in metrics; mm.



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Plywood Cover for E-1315a Light Bases

and

E-2491 Inpavement Approach Lights



LB4a Plywood Cover

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868
2. Material: Exterior Grade Plywood
3. (6) 9/16" Ø equally spaced, thru holes with 1 3/8" x 1/4" deep counter bore
4. Edge and 1" minimum each side coated with Parafin

BOLT CIRCLE LETTERS:

F = 14 1/4" Ø

Standard Plywood Thickness Tolerances:

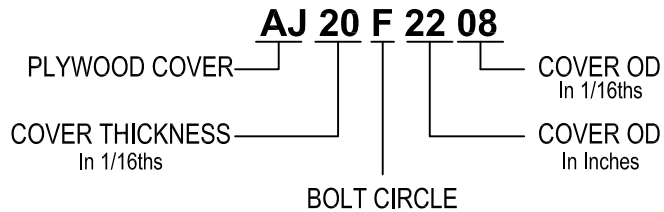
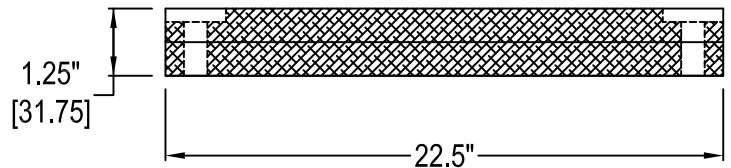
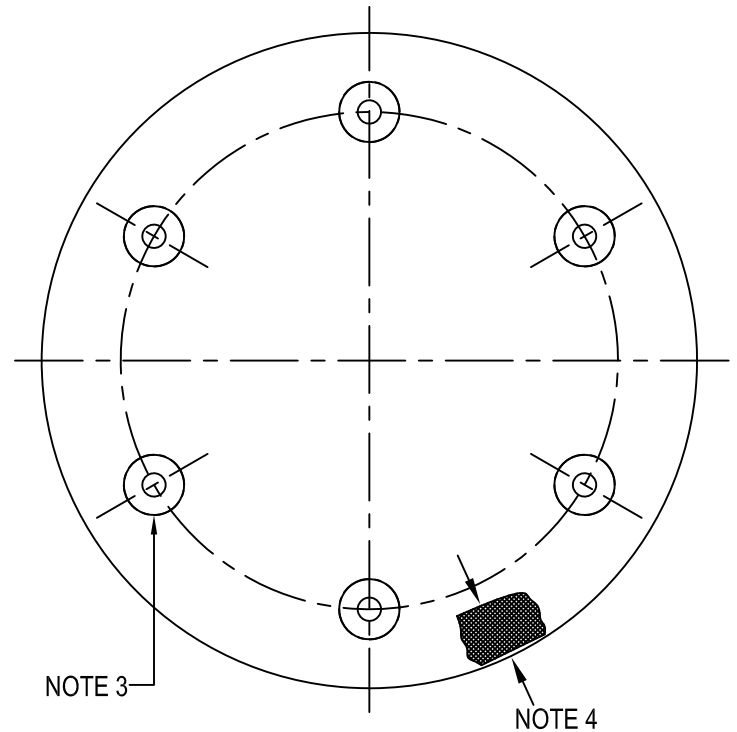
1/2", 3/4" & 1 1/4" = +0

-1/16

5/8" = +0

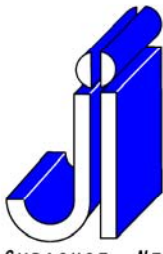
-1/32

Tolerances on Non-Standard thicknesses are available upon request.



(ex. This cover is 1 1/4" Thick, w/ 14 1/4" Bolt Circle, and 22 1/2" OD)

[] = dimensions in metrics; mm.

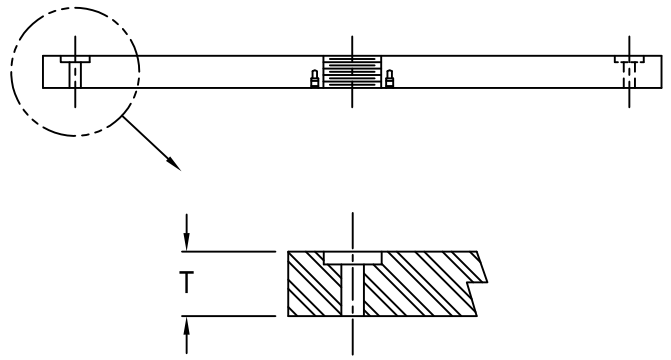
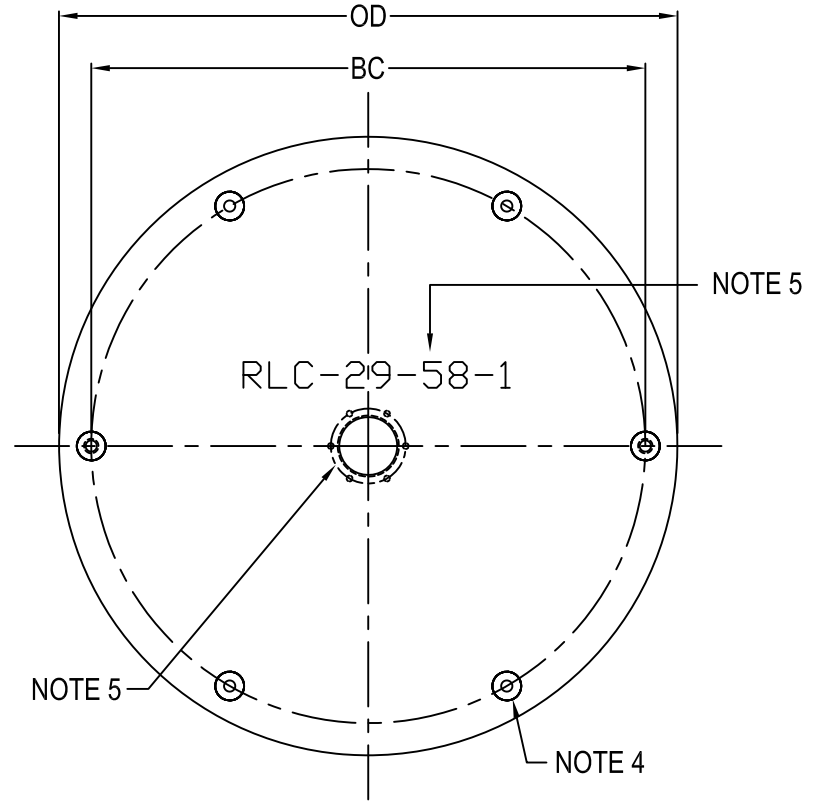


L-867E Aluminum Cover Plate



Aluminum Cover Plate
(shown with optional threaded center hole)

1. Conforms to FAA Advisory Circular AC150/5345-42H Size: E=24"
2. Material: Aluminum 6061-T6
3. Aluminum Cover plates are anodized
4. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 1/4" deep counter bore
Counter bore only on Covers 1/2" & thicker
(2) 1/2"-13 tapped holes, 180° apart
5. Contact factory for variations:
 - GROUNDING
 - ENGRAVED MARKINGS
 - TAPPED OPENINGS
 - THICKER SIZES
6. Aluminum Cover Plates,
Do Not Include Bolts or Gaskets



TYPE	* min. T	BC	OD
AK7000_AL	.5"	21.5"	24"
24" L867E	[12.7]	[546.1]	[609.6]

[] = dimensions in metrics; mm

L-894 Cover Plate With Recessed Threaded Hub



L-894 Cover Plate with Recessed Threaded Hub

1. Approved and Certified to FAA Advisory Circular
AC 150/5345-42 (Current Revision)
Size: B=12"

2. Material: A36 Steel

3. Finish: Hot Dip Galvanize per ASTM A123

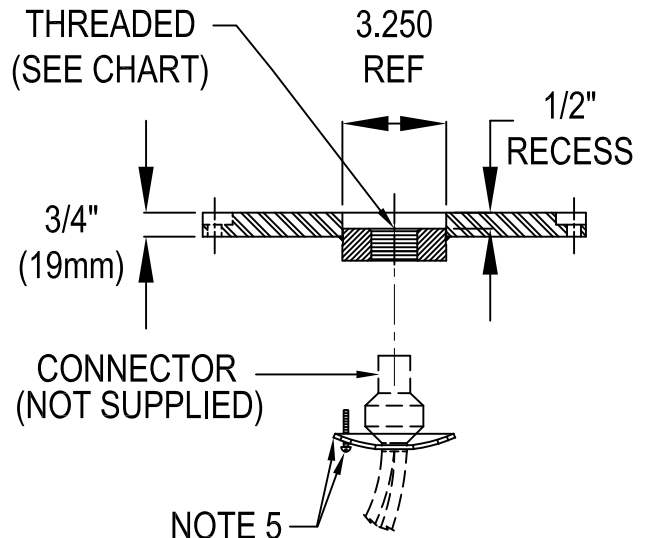
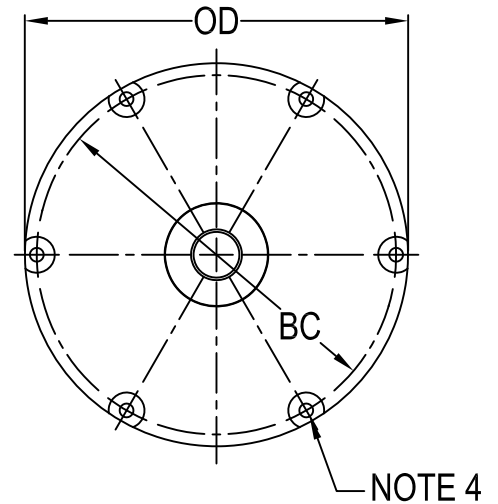
4. (6) 7/16" Ø holes equally spaced &
counterbored 1/8" dia. x 3/8" deep min.

5. Cover plate shipped with:
Hardware packup #6120 which contains:
(1) 3 hole cable clamp (8089)
(3) #10-24 x 1 1/2 SS machine screws (10670781)

6. Grounded version available (see p.K-01h)
Add "G" suffix to part number

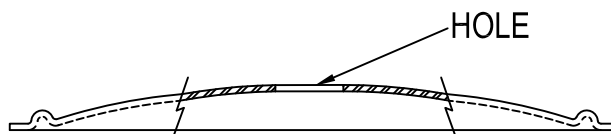
TYPE	OD	BC	TAP
AK400212R 12" L868B	12.000" [304.8]	11.25" [285.8]	2" NPS [50.8]
AK400512R 12" L868B	12.000" [304.8]	11.25" [285.8]	1 1/2"-12 NF [38.1]

[] = dimensions in metrics; mm



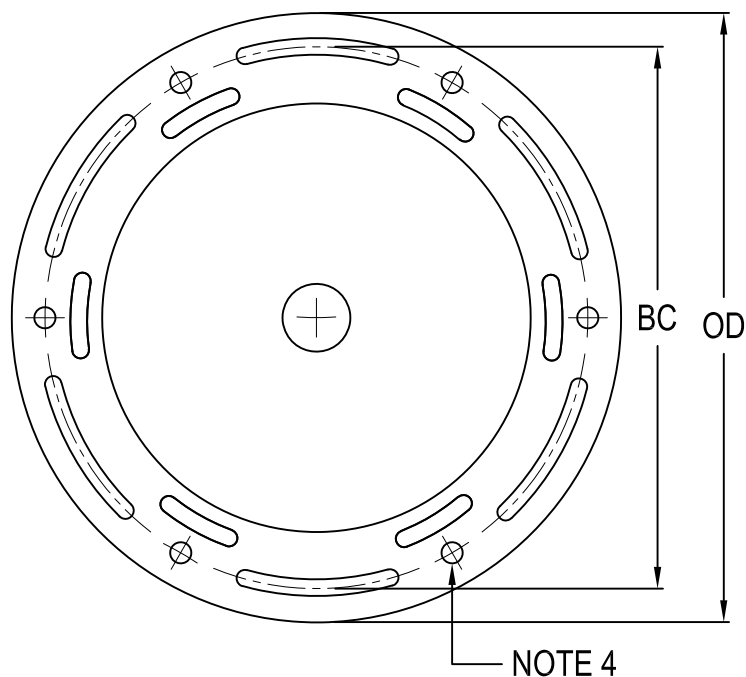
C-16h (rev 0)

L-894 Corten Base Plate With Center Hole



Corten Base Plate With Center Hole

1. Approved and Certified to FAA Advisory Circular AC 150/5345-42 (Current Revision)
Size: B=12"
2. Material: .109" min. thickness Corten A606 steel
3. Finish: Aviation yellow powder coat
4. (6) $\frac{7}{16}$ " \varnothing equally spaced, thru holes
5. Base plate shipped with:
Neoprene gasket



TYPE	OD	BC	HOLE
AP1930	12"	10.25"	1 11/32 \varnothing
12" L867B	[304.8]	[260.4]	[34.0]
AP1940	12"	10.25"	1 9/32 \varnothing
12" L867B	[304.8]	[260.4]	[32.5]

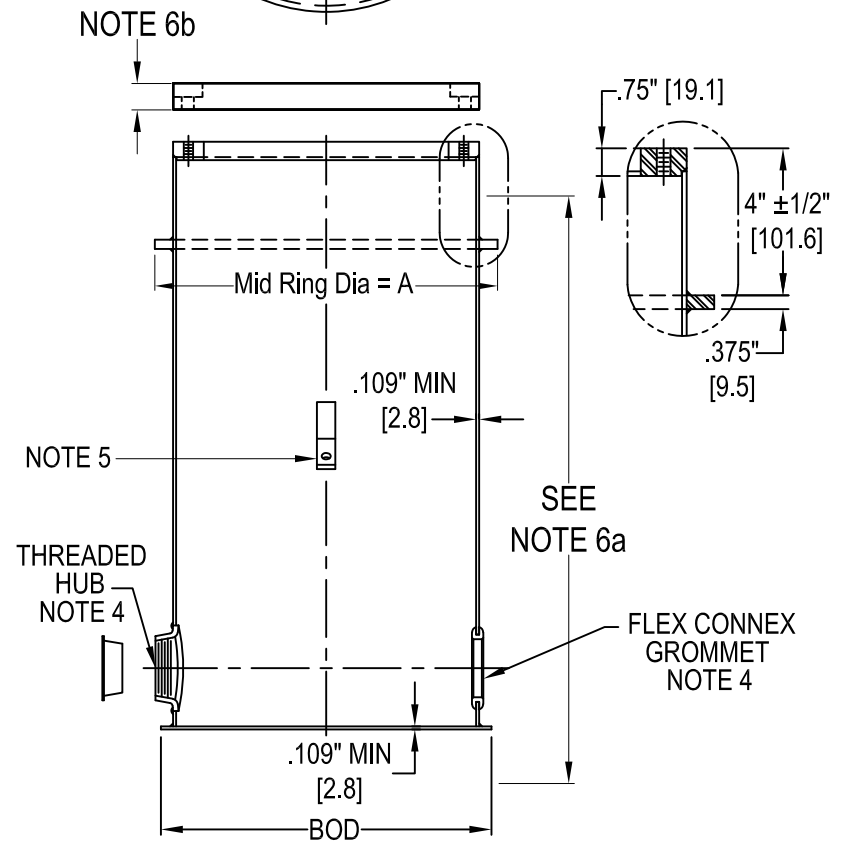
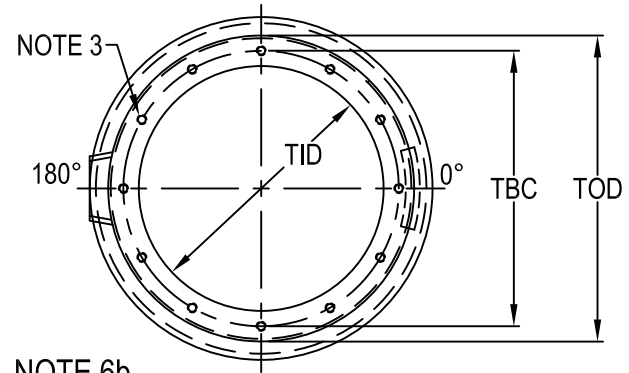
[] = dimensions in metrics; mm.

L-868 Class 1A Light Base



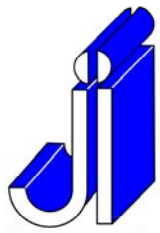
L-868 Class 1A Light Base

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"
 2. Base galvanized to ASTM-A123/A123M-02
 3. Size A
(4) 3/8"-16 at 60°, 120°, 240° & 300°
Size B, C
(12) 3/8"-16 equally spaced, tapped holes are located over conduit openings
 4. Conduit Openings (minimum 2) are:
Located 180° apart 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded hubs
Flex Connex Grommets are shipped separately
 5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page L-08h
 - 6a. Standard Height 24"
6b. L-868 Plywood Cover 3/4" or 5/8" with mud plate
- Other Heights/Thicknesses available
7. For Light Bases 10" or less, see p. D-06h



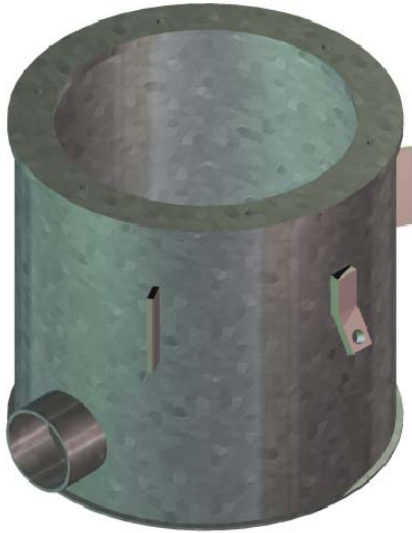
TYPE	BOD	TOD	TBC	TID	A
AC08 _____ 8" L868A	9.25" [234.9]	8.5" [215.9]	7.25" [184.2]	6.5" [165.1]	10" [254]
AC24 _____ 12" L868B	13.5" [342.9]	12.5" [317.5]	11.25" [285.8]	10" [254]	14" [355.6]
AC35 _____ 15" L868C	16" [406.4]	15.5" [393.7]	14.25" [362]	13" [330.2]	17" [431.8]

[] = dimensions in metrics; mm

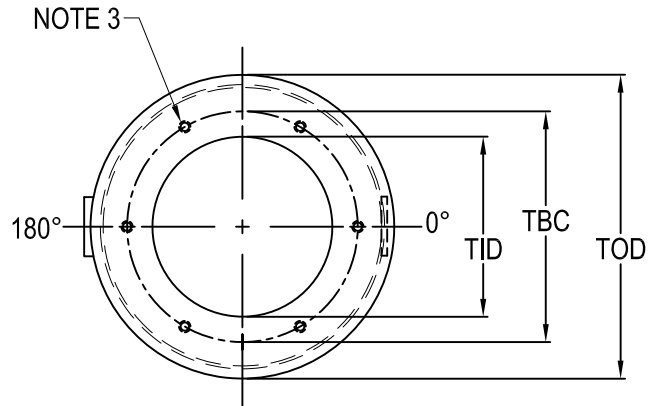


Bottom Section

for L-868 Class 1A multiple section light base



L-868 Class 1A Bottom Section
(Shown with Optional Fins)



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"

2. Bottom Section galvanized to ASTM-A123/A123M-02

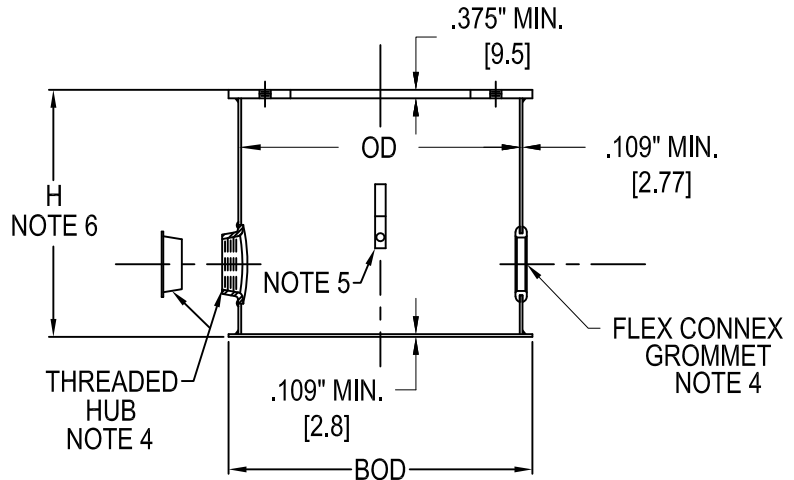
3. (6) 3/8"-16 equally spaced, tapped holes are located over conduit openings

4. Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded hubs
Flex Connex Grommets are shipped separately

5. Internal / External Ground Straps are standard.
A copper ground lug (AWS0919) is optional, see page I-08h

6. H = height required
12" Standard height
4-1/2" Minimum

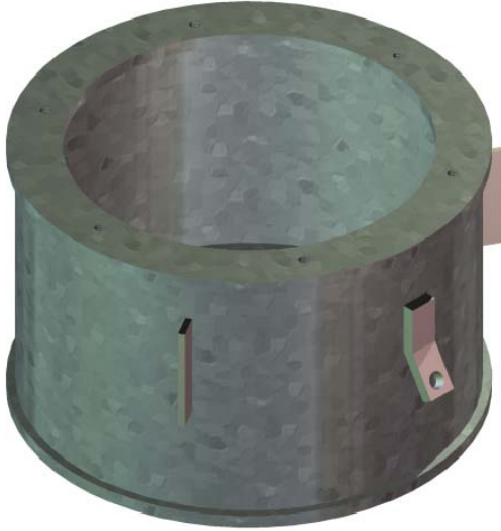
Other Heights/Thicknesses Available



TYPE	OD	TOD & BOD	TBC	TID
AC40 ----- 8" L868A	8.5" [215.9]	9" [228.6]	6.25" [159.6]	5.25" [134.1]
AC44 ----- 12" L868B	12.5" [317.5]	13.5" [342.9]	10.25" [260.4]	9.25" [235]
AC45 ----- 15" L868C	15.5" [393.7]	16" [406.4]	13.25" [336.6]	12.375" [314.3]

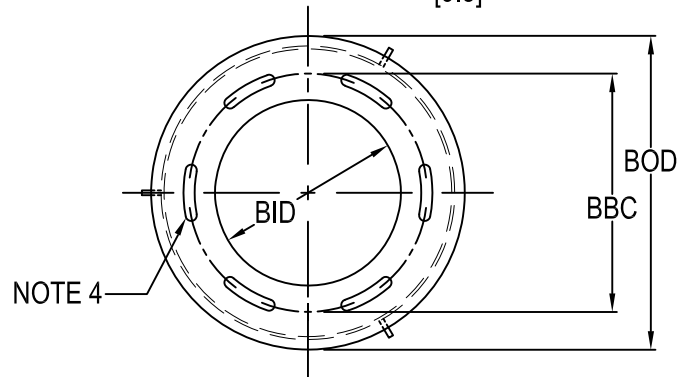
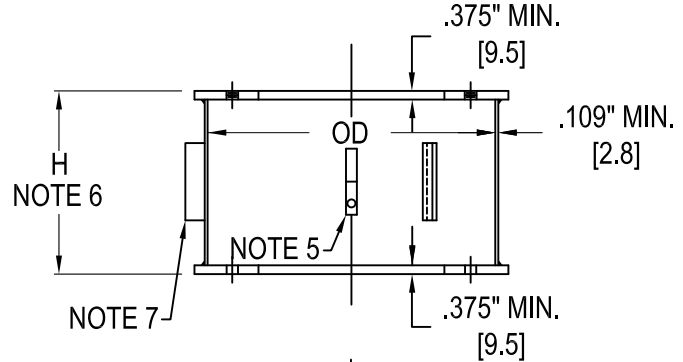
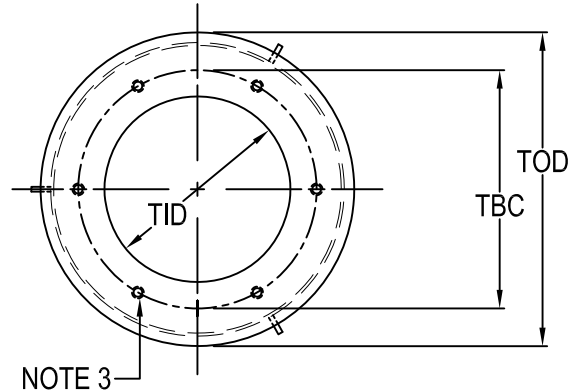
[] = dimensions in metrics; mm

Middle Section for L-868 Class 1A multiple section light base



L-868 Class 1A Middle Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Size: A=8", B=12", C=15"
2. Middle Section galvanized to ASTM-A123/A123M-02
3. (6) 3/8"-16 equally spaced, tapped holes are aligned and centered to bottom ring slots
4. (6) 7/16" \varnothing x 1.75" long slots equally spaced aligned with BBC
5. Internal / External Ground Straps are standard. A copper ground lug (AWS0919) is optional, see page I-08h
6. H = height required
8" Standard height
4" Minimum height
Other Heights Available- Specify at time of order
7. (3) 3/16" x 3/4" x 3" Antirotational Fins are located at intervals of 120°
8. Middle Sections are shipped with:
(6) 3/8"-16 x 1" Stainless hex head screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)



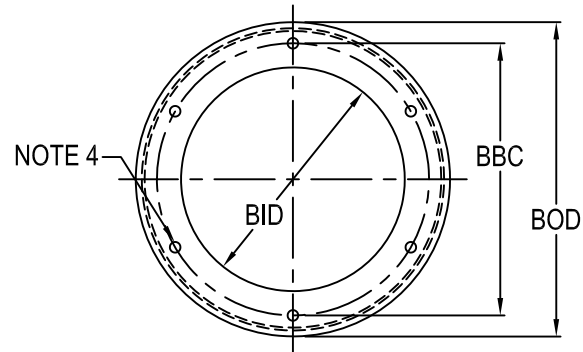
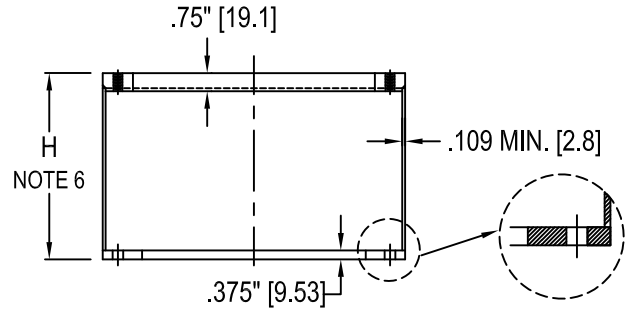
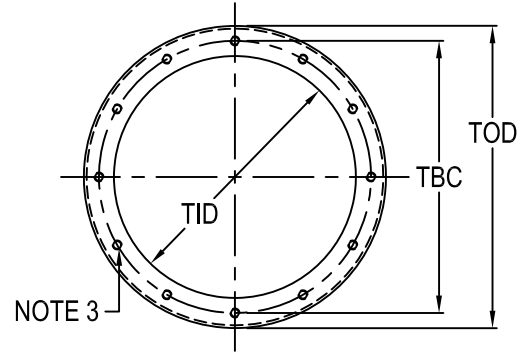
TYPE	OD	TOD & BOD	TBC & BBC	TID & BID
AE4703M 8" L868A	8.5" [215.9]	9" [228.6]	6.25" [159.6]	5.25" [134.1]
AE4704M 12" L868B	12.5" [317.5]	13.5" [342.9]	10.25" [260.4]	9.25" [235]
AE4705M 15" L868C	15.5" [393.7]	16" [406.4]	13.25" [336.6]	12.375" [314.3]

[] = dimensions in metrics; mm

Top Section L-868 Class 1A multiple section light base



L-868 Class 1A Top Section



- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42C
- Top section galvanized to ASTM-A123/A123M-02
- (12) 3/8"-16 equally spaced, tapped holes are aligned with bottom holes
- (6) 7/16" Ø equally spaced, thru holes
- Customer I.D. marks optional
- H = height required, 2 1/4" minimum.
- Top Sections are shipped with:
(6) 3/8"-16 x 1" Stainless hex head screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)
- Size A, 8" Top Section top holes are located @ 30°, 60°, 120°, 150°, 210°, 240°, 300° & 330°.

TYPE	PART NO.	TOD & BOD	TBC	BBC	TID	BID
AE0829F 8" L868A	AF0 ----	8.5" [215.9]	7.25" [184.2]	6.25" [159.6]	6.5" [165.1]	5.25" [134.1]
AE1529F 10" L868 See Note 1	AF1 ----	10.5" [266.7]	9.25" [235]	8.25" [209.6]	8" [203.2]	6" [152.4]
AE2419F 12" L868B	AF2 ----	12.5" [317.5]	11.25" [285.8]	10.25" [260.4]	10" [254]	9.25" [235]
AE3519F 15" L868C	AF3 ----	15.5" [393.7]	14.25" [362]	13.25" [336.6]	13" [330.2]	12.375" [314.3]

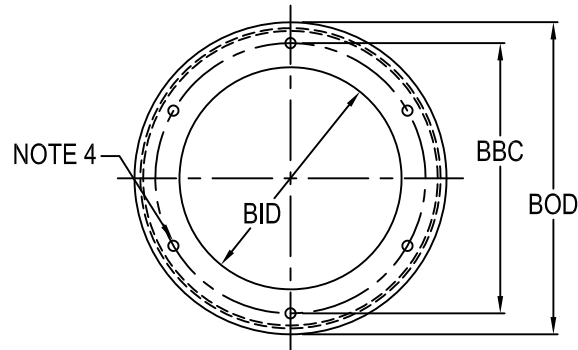
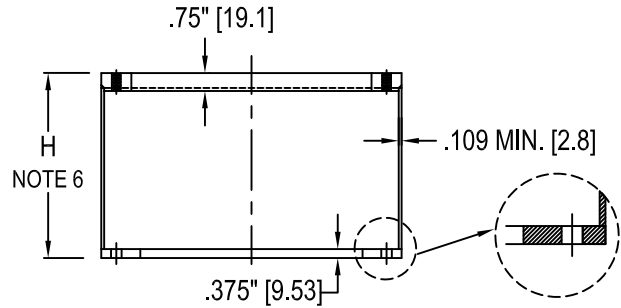
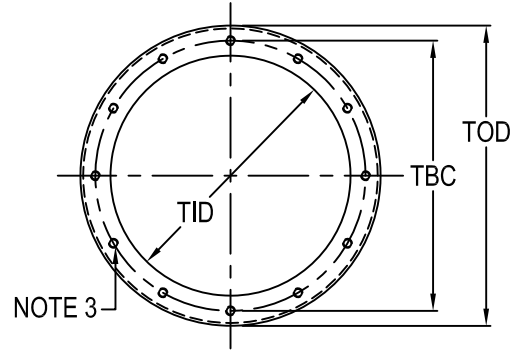
[] = dimensions in metrics; mm.

Extension L-868 Class 1A multiple section light base



L-868 Class 1A Extension

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"
A=10" AC150/5345-42 (Rev C)
2. Extension galvanized to ASTM-A123/A123M-02
3. (12) 3/8"-16 equally spaced, tapped holes are aligned with bottom holes
4. (6) 7/16" Ø equally spaced, thru holes
5. Customer I.D. marks optional
6. H = height required, 2 1/4" minimum.
7. Extensions are shipped with:
 - (6) 3/8"-16 x 1" Stainless hex head screws (10650198)
 - (6) 3/8", 2 piece locking washers (10680607)
- 8a. 8" Extension top holes are located at 30°, 60°, 120°, 150°, 210°, 240°, 300° & 330°.



TYPE	PART NO.	TOD & BOD	TBC	BBC	TID	BID
AE0829X 8" L868A	AX0 _ _ _ _	8.5"	7.25"	7.25"	6.5"	6.5"
		[215.9]	[184.2]	[184.2]	[165.1]	[165.1]
AE1529X 10" L868 See Note 1	AX1 _ _ _ _	10.5"	9.25"	9.25"	8"	6"
		[266.7]	[235]	[235]	[203.2]	[152.4]
AE2419X 12" L868B	AX2 _ _ _ _	12.5"	11.25"	11.25"	10"	10"
		[317.5]	[285.8]	[285.8]	[254]	[254]
AE3519X 15" L868C	AX3 _ _ _ _	15.5"	14.25"	14.25"	13"	12.375"
		[393.7]	[362]	[362]	[330.2]	[314.3]

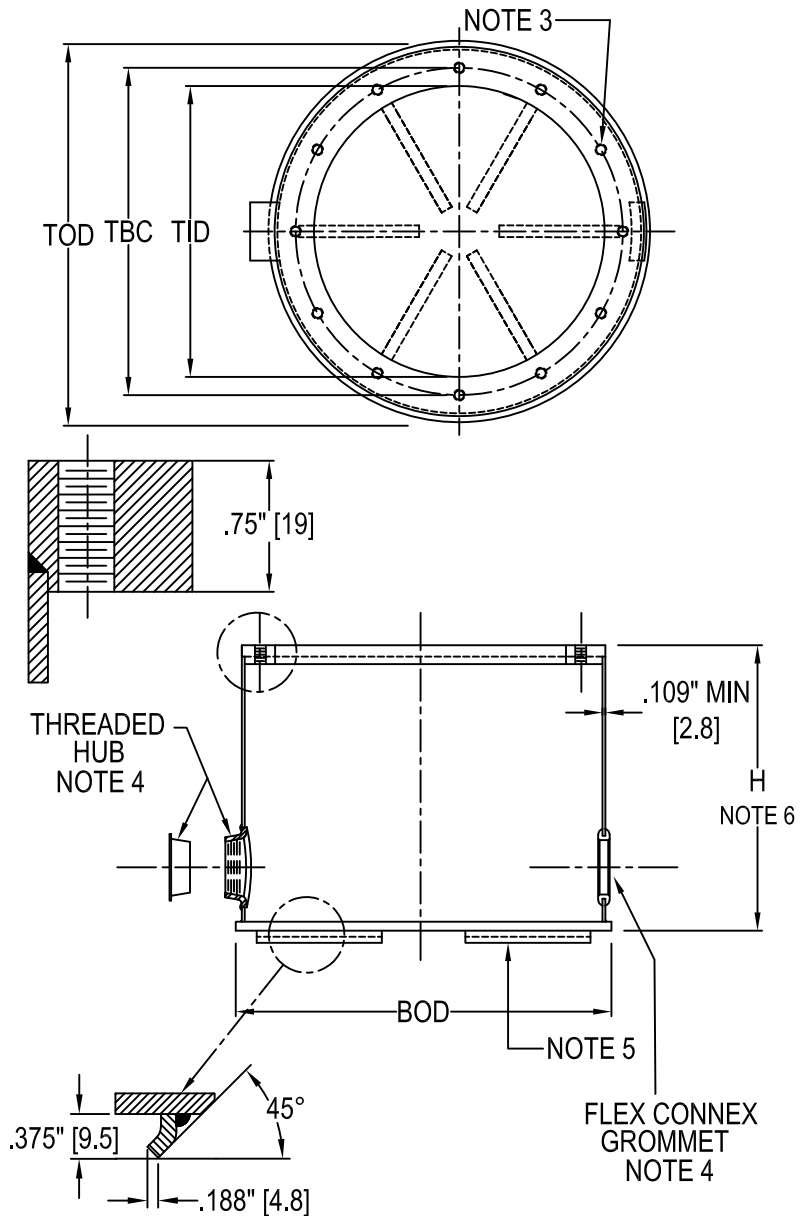
[] = dimensions in metrics; mm.

L-868 Class 1A Inset Light base



L-868 Class 1A Inset Light Base

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"
 - Base galvanized to ASTM-A123/A123M-02
 - Size A
(4) 3/8"-16 at 30°, 150°, 210° & 330°
Size B, C
(12) 3/8"-16 equally spaced, tapped openings are located over conduit openings
 - Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded hubs
Flex Connex Grommets are shipped separately
 - Anti-Rotation hooks are standard
 - Internal/External ground straps optional
 - H = height required
10" Maximum height
Note: These bases have no mid-ring
- Other Heights Available
- See p. D-01h for bases taller than 10" high with mid-ring.



TYPE	TID	TBC	TOD	BOD
AC08 _____ 5	6.5"	7.25"	8.5"	9"
8" L868A	[165.1]	[184.2]	[215.9]	[228.6]
AC24 _____ 5	10"	11.25"	12.5"	13"
12" L868B	[254]	[285.8]	[317.5]	[330.2]
AC35 _____ 5	13"	14.25"	15.5"	16"
15" L868C	[330.2]	[362]	[393.7]	[406.4]

[] = dimensions in metrics; mm

Top Section for L-868 Class 1A

DFW Special for use with Multi-Hole Adapter



L-868 Class 1A DFW Top Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868B class 1A Modified for Dallas Ft. Worth Standards Size: B=12"

2. Top section galvanized to ASTM-A123/A123M-02

3. (24) 7/16"Ø equally spaced, thru holes

4. (12) 7/16"Ø equally spaced, thru holes on 2 bolt circles

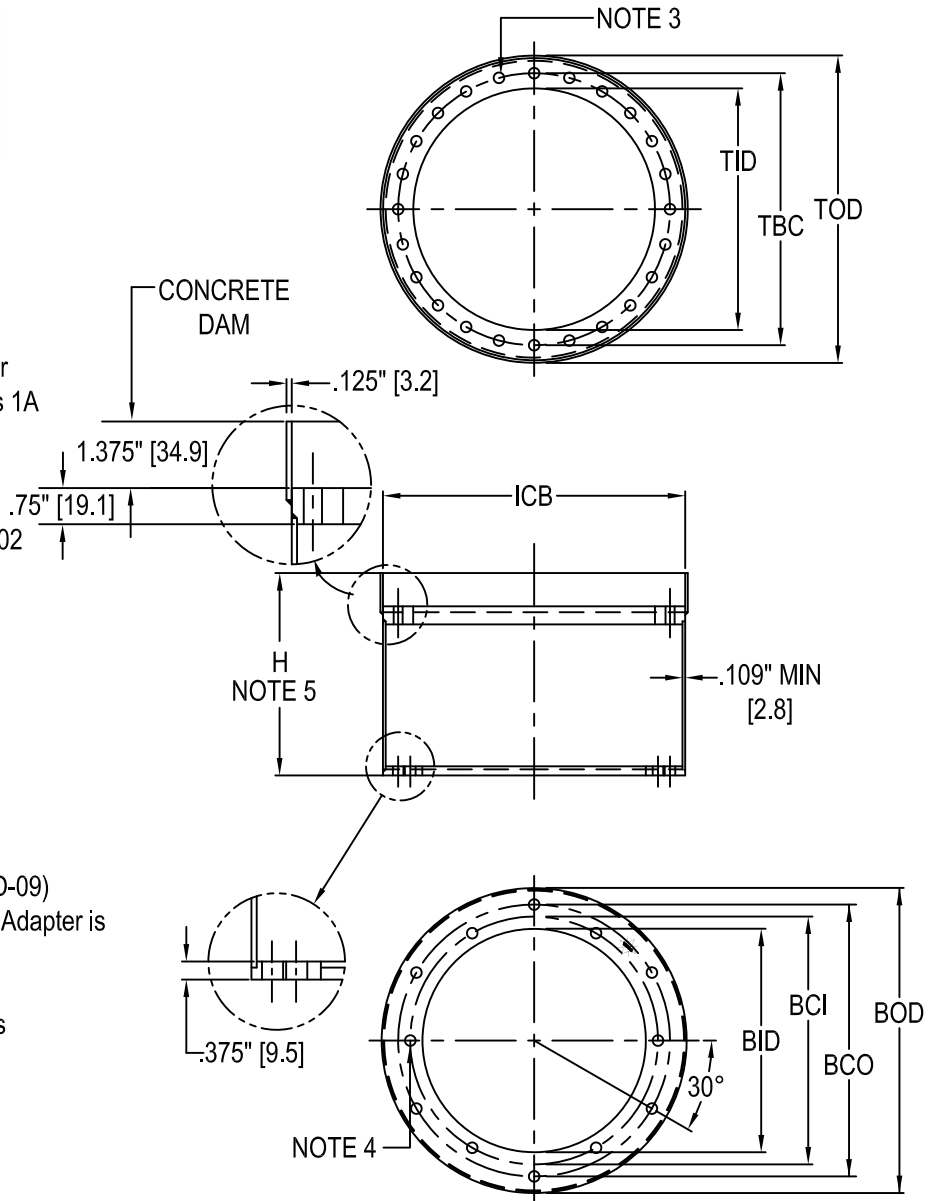
5. H = height required, 3 3/8" minimum

6. DFW Top Sections are shipped with:
Multi-hole Adapter #AA5423DFW (See Dwg # D-09) when Multi-hole Adapter is ordered separately. Adapter is Bolted and Torqued to 180 inch pounds.
Bolt Packup #6100 which contains:
(6) 3/8"-16 x 1" Stainless hex head cap screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)

7. Pavement Dam must be installed 1/8" below finished grade.

8. Field measurement must have 1/8" deducted to position Pavement Dam 1/8" below pavement grade per FAA AC 150/5340-30

or
See p. K-04h for proper measurement technique

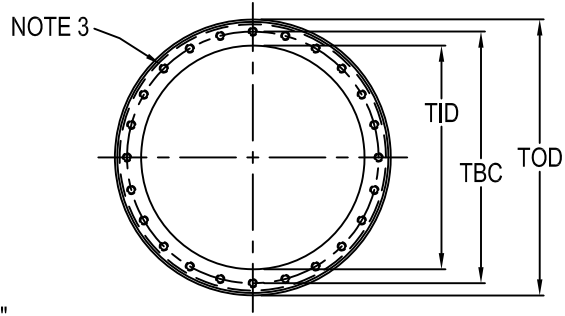


TYPE	TOD	TID	TBC & BCO	BID	BCI	BOD	ICB
AE2419DFW	12.75"	10"	11.25"	9.25"	10.25"	12.5"	12.125"
12" L868B	[323.9]	[254]	[285.8]	[235]	[260.4]	[317.5]	[308]

[] = dimensions in metrics; mm.

L-868 Class 1A Top Section HAS & MEM

Special for use with Multi-Hole Adapter



L-868 Class 1A HAS & MEM Top Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Size: B=12" C=15" Modified for Houston & Memphis Standards

2. Top section galvanized to ASTM-A123/A123M-02

3. HAS = (24) 15/32"Ø equally spaced, thru holes
MEM = (24) 3/8"-16 equally spaced, tapped holes

4. (6) 7/16" Ø thru holes

5. H = height required, 3 3/8" minimum

6. HAS & MEM Top Sections are shipped with:
Multi-hole Adapter #AA5_23MEM/HAS (See Dwg # D-09) when Multi-hole Adapter are ordered separately. Adapter is Bolted and Torqued to 180 inch pounds.

Bolt Packup #6100 (for AE__19MEM) which contains:

- (6) 3/8"-16 x 1" SS hex head bolts (10650198)
- (6) 3/8", 2 piece locking washers (10680607)
- (6) 3/8"-16 SS Hex Nut (10680719)

Bolt Packup #6104 (for AE__19HAS) which contains:

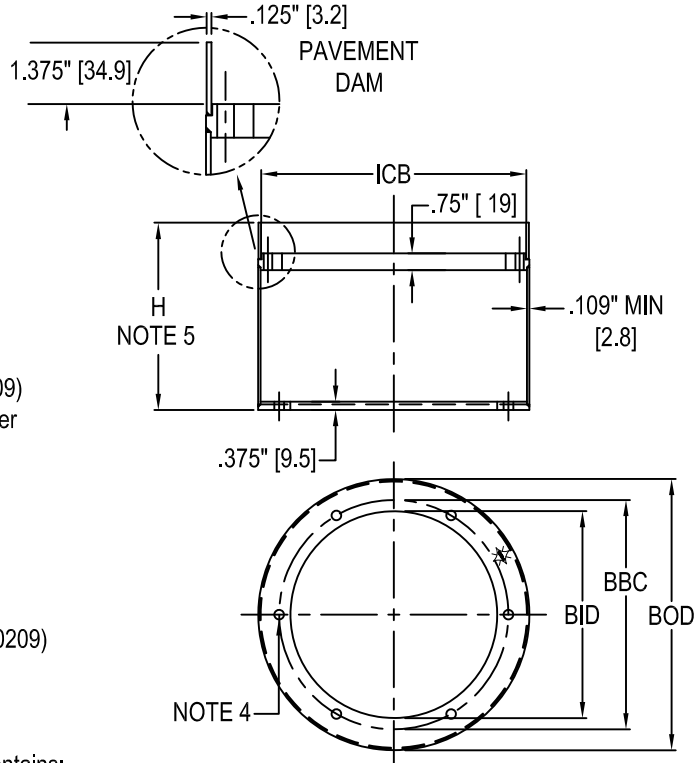
- (6) 3/8"-16 x 2" Stainless hex head cap screws (10650209)
- (6) 3/8", 2 piece locking washers (10680607)
- (6) 3/8"-16 SS Hex Nut (10680719)

Lockwasher Packup #6099 (for AE__19HAS) which contains:

- (6) 3/8", 2 piece locking washers (10680607)

7. Pavement Dam must be installed 1/8" below finished grade.

Field measurement must have 1/8" deducted to position Pavement
FAA AC 150/5340-30 or See p. K-05f for proper measurement technique



TYPE	TOD	TID	TBC	BID	BBC	BOD	ICB
AE2419HAS	12.5"	10"	11.25"	9.25"	10.25"	12.5"	12.125"
AE2419MEM 12" L868B	[317.5]	[254]	[285.8]	[235]	[260.4]	[317.5]	[308]
AE3519HAS	15.37"	13"	14.25"	12.38"	13.25"	15.125"	15.125"
AE3519MEM 15" L868C	[390.4]	[330.2]	[362]	[314.4]	[336.6]	[384.2]	[384.2]

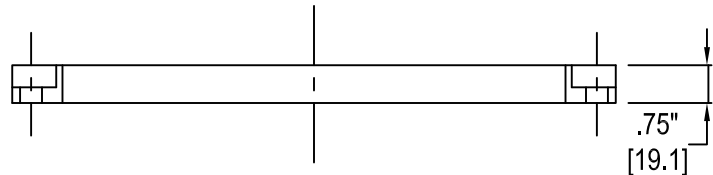
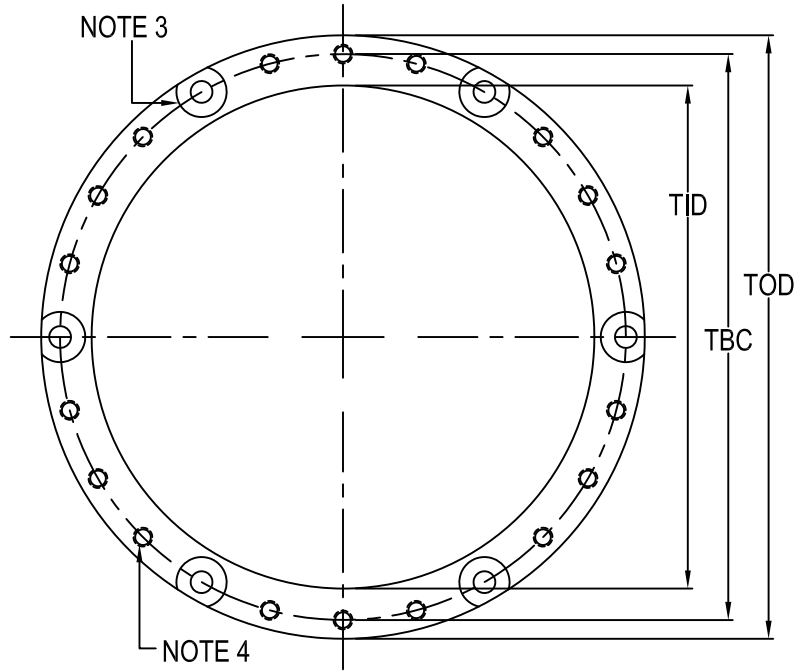
[] = dimensions in metrics; mm.

Multi-Hole Adapter L-868 Class 1A HAS, MEM, & DFW



L-868 Class 1A Multi-Hole Adapter

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: B=12" C=15"
 2. Multi-hole adapters are galvanized to ASTM-A123/A123M-02
 3. (6) 7/16" Ø equally spaced, thru holes with 1" Ø x 7/16" deep counter bore
 4. (18) 3/8"-16 tapped holes
 5. MEM Multi-hole Adapters are shipped with:
 - (2) Bolt packups #6101 which contains:
 - (6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
 - (6) 3/8", 2 piece locking washers (10680607)
- HAS/DFW Multi-hole Adapters are shipped with:
- (6) 3/8"-16 x 2" Stainless hex head cap screws (10650209)
 - (6) 3/8"-16 SS hex nuts (10680719)
 - (6) 3/8", 2 piece locking washers (10680607)
- Bolt pickup #6101 which contains:
- (6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
 - (6) 3/8", 2 piece locking washers (10680607)



TYPE	TOD	TID	TBC
AA5423MEM AA5423HAS 12" L868B	12" [304.8]	10" [254]	11.25" [285.8]
AA5423DFW 12" L868B	12.25" [317.5]	10" [254]	11.25" [285.8]
AA5523MEM AA5523HAS 15" L868C	15" [381]	13" [330.2]	14.25" [362]

[] = dimensions in metrics; mm.

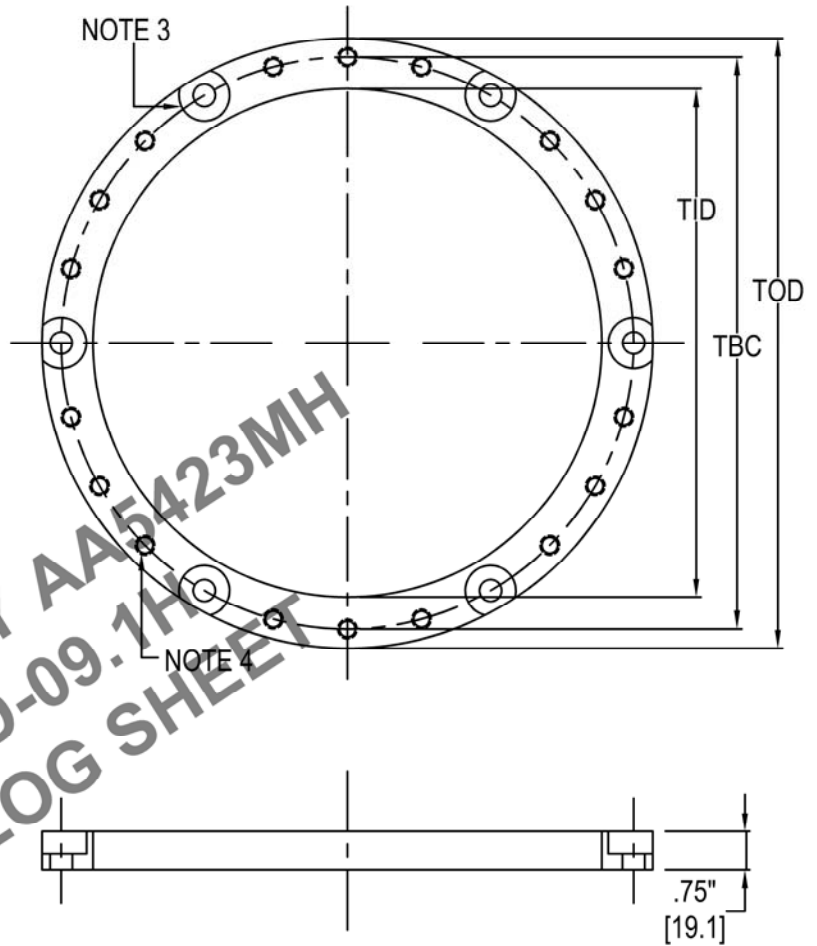
Multi-Hole Adapter L-868 Class 1A HAS, MEM, & DFW



L-868 Class 1A Multi-Hole Adapter

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Size: B=12" C=15"
2. Multi-hole adapters are galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes with 1" Ø x 7/16" deep counter bore
4. (18) 3/8"-16 tapped holes
5. MEM Multi-hole Adapters are shipped with:
 - (2) Bolt packups #6101 which contains:
 - (6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
 - (6) 3/8", 2 piece locking washers (10680607)

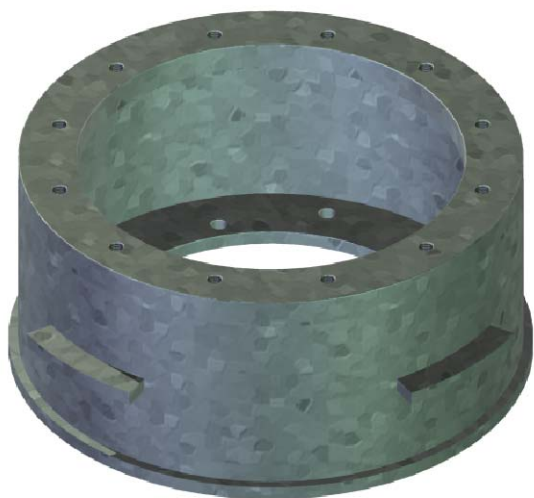
- HAS/DFW Multi-hole Adapters are shipped with:
- (6) 3/8"-16 x 2" Stainless hex head cap screws (10650209)
 - (6) 3/8"-16 SS hex nuts (10680719)
 - (6) 3/8", 2 piece locking washers (10680607)
- Bolt packup #6101 which contains:
- (6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202)
 - (6) 3/8", 2 piece locking washers (10680607)



TYPE	TOD	TID	TBC
AA5423MEM	12"	10"	11.25"
AA5423HAS 12" L868B	[304.8]	[254]	[285.8]
AA5423DFW	12.25"	10"	11.25"
12" L868B	[317.5]	[254]	[285.8]
AA5523MEM	15"	13"	14.25"
AA5523HAS 15" L868C	[381]	[330.2]	[362]

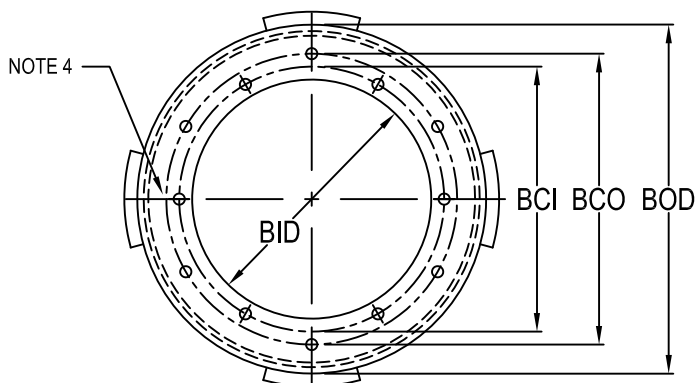
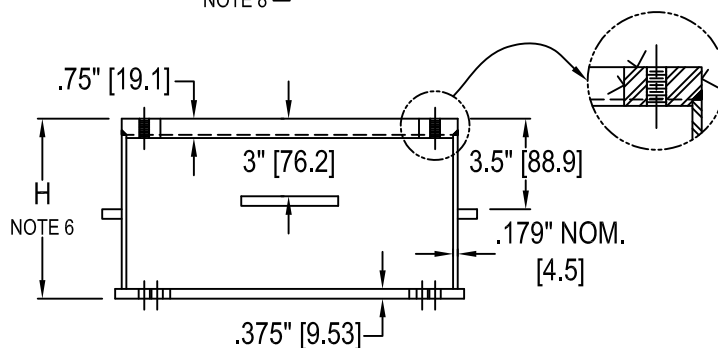
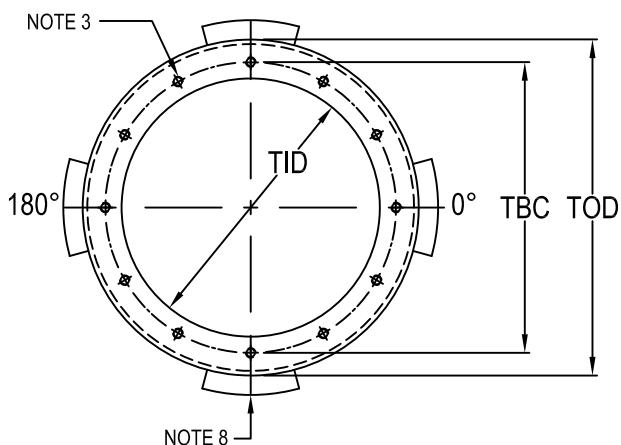
[] = dimensions in metrics; mm.

.179" Wall Extension L-868 Class 1A



L-868 Class 1A .179" Wall Extension

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Modified for Chicago ORD
Size: B=12"
2. Material: A36 HRS
Extension galvanized to ASTM-A123/A123M-02
3. (12) 3/8"-16 equally spaced, tapped holes are aligned with bottom holes
4. (12) 7/16" Ø equally spaced, thru holes on 2 bolt circles
5. Customer I.D. marks optional
6. H = height required, 2 1/4" minimum
7. Extensions are shipped with:
 - (6) 3/8"-16 x 1" Stainless hex head cap screws (10650198)
 - (6) 3/8", 2 piece locking washers (10680607)
8. (4) Anchor Bars (only on XC Extension 5" or higher)



TYPE	TOD	BOD	TBC & BCO	BCI	TID	BID
AE2419XC	13"	13.5"	11.25"	10.25"	10"	9.25"
12" L868B	[330.2]	[342.9]	[285.8]	[260.4]	[254]	[235]

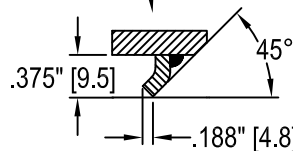
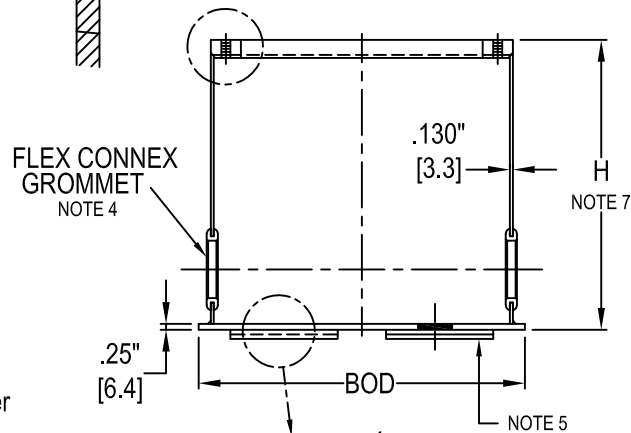
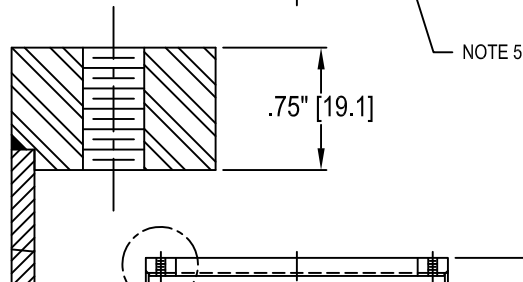
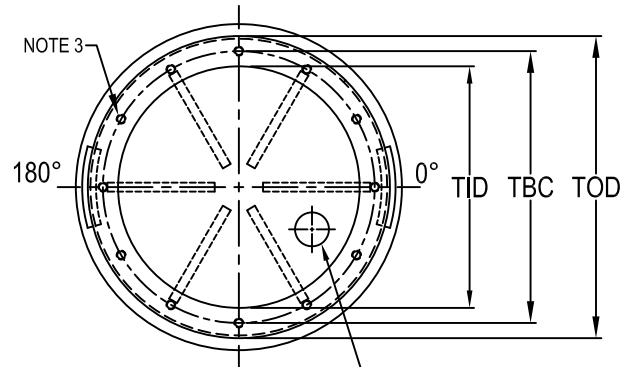
[] = dimensions in metrics; mm.

Single Base

L-868 Class 1A Port Authority - N.Y. & N.J.



L-868 Single Base, Epoxy Hooks visible



1. Approved and Certified to FAA Advisory Circular AC150/5345-42H (Current Revision) with modifications for Port Authority - N.Y. & N.J. Standards
Size: B=12", C=15"
2. Material: A36 HRS
Base galvanized to ASTM-A123/A123M-02
3. (12) 3/8"-16 equally spaced, tapped openings are located over conduit openings
4. Conduit Openings (minimum 2) are:
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Flex Connex Grommets are shipped separately
5. 1/4" Thick Bottom with Anti-Rotation Hooks
1.406 Ø Drain Hole for 3/4" flex, 3 1/2" from the center
6. Internal/External ground straps included
7. Reference Old Part # A2420Y
8. H = height required, 12" Standard height
Other heights available and to designate variations to the base, see ordering worksheet.

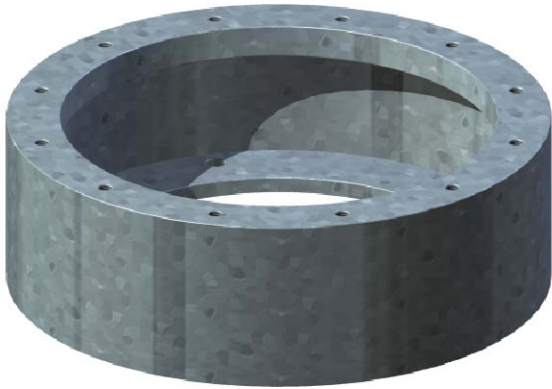
TYPE	BOD	TOD	TBC	TID
AC24 _____ 5Q_P 12" L868B	13.5" [342.9]	12.5" [317.5]	11.25" [285.8]	10" [254]
AC35 _____ 5Q_P 15" L868C	16" [406.4]	15.5" [393.7]	14.25" [362]	13" [330.2]

[] = dimensions in metrics; mm

.130" Wall Extension

L-868 Class 1A

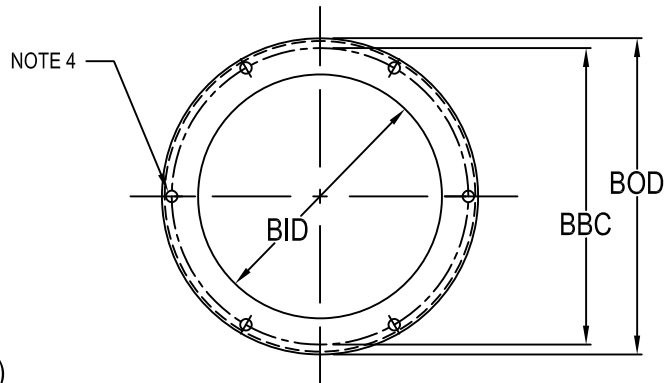
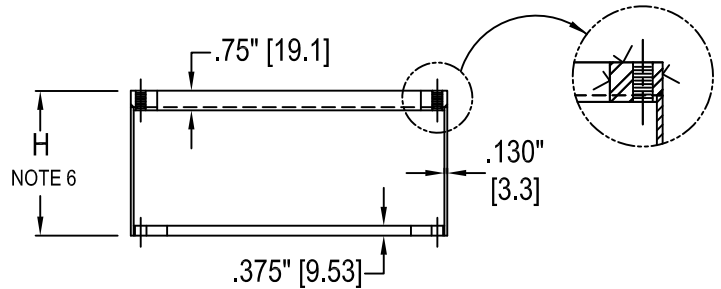
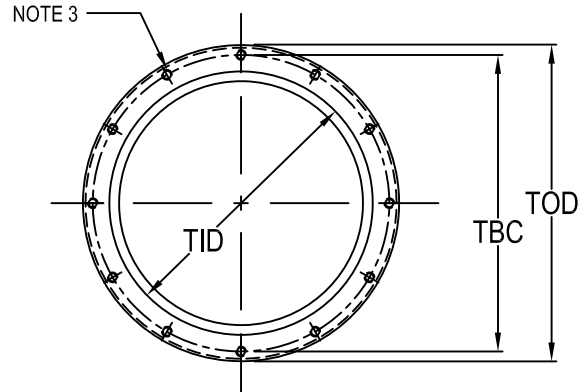
Port Authority - N.Y. & N.J.



L-868 Class 1A .130" Wall Extension

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A with modifications for Port Authority - N.Y. & N.J. Standards Size: B=12", C=15"
2. Material: A36 HRS
Extension galvanized to ASTM-A123/A123M-02
3. (12) 3/8"-16 equally spaced, tapped holes are aligned with bottom holes
4. (6) 7/16" Ø equally spaced, thru holes
5. Customer I.D. marks available
6. 2 1/4" minimum, H = height required
7. Extensions 2 1/4" or shorter are shipped with:
 - (6) 3/8"-16 x 1" Stainless hex head cap screws (10650198)
 - (6) 3/8", 2 piece locking washers (10680607)

- Extensions 2 5/16" or taller are shipped with:
- (6) 3/8"-16 x 1 3/4" Stainless hex head cap screws (10650207)
 - (6) 3/8", 2 piece locking washers (10680607)



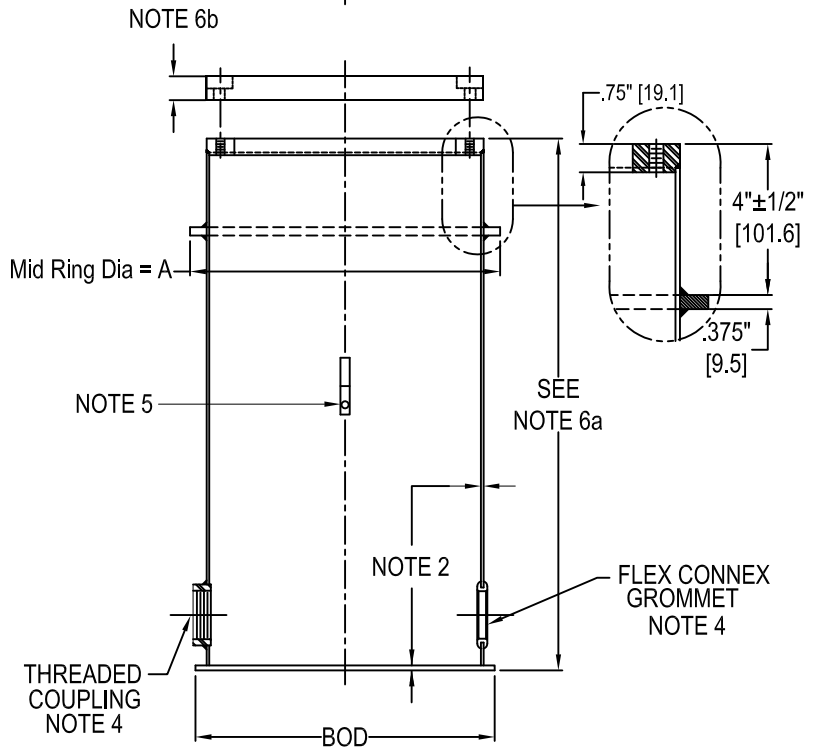
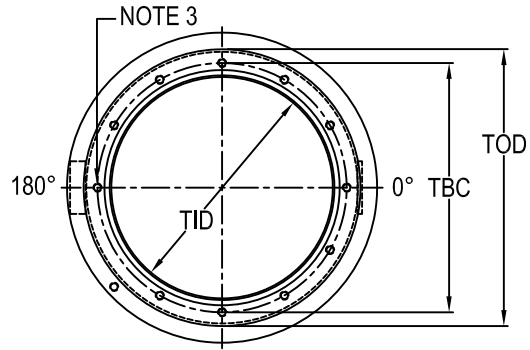
TYPE	TOD & BOD	TBC & BBC	TID	BID
AE2419XPA	12.5"	11.25"	10"	9.25"
12" L868B	[317.5]	[285.8]	[254]	[235]
AE3519XPA	15.5"	14.25"	13"	12.375"
15" L868C	[393.7]	[362]	[330.2]	[314.3]

[] = dimensions in metrics; mm.

L-868 Class 1B Light Base



L-868 Class 1B Light Base



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"

* 2. Material to meet 1B requirement
ACS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
ACB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

3. ACS - (12) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional.
ACB - (12) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional.

4. Conduit Openings are:
Located 180° apart 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded couplings
Flex Connex Grommets are shipped separately

5. Internal / External Stainless Steel Ground Straps are standard.
ACB option equipped with uncoated ground straps
Copper Lug AWS0919 is optional.

6a. Standard height = 24" [609.6]
6b. L-868 Plywood Cover 3/4" or 5/8" with mud plate

Other Heights available

TYPE	PART NO.	TOD	TBC	TID	BOD	A
* L868A 8"	ACS08_____	8.5"	7.25"	6.5"	9.5"	10"
	ACB08_____VK	[215.9]	[184.2]	[165.1]	[241.3]	[254]
* L868B 12"	ACS24_____	12.5"	11.25"	10"	13.5"	14"
	ACB24_____VK	[317.5]	[285.8]	[254]	[342.9]	[355.6]
* L868C 15"	ACS35_____	15.5"	14.25"	13"	16.5"	17"
	ACB35_____VK	[393.7]	[362]	[330.2]	[419.1]	[431.8]

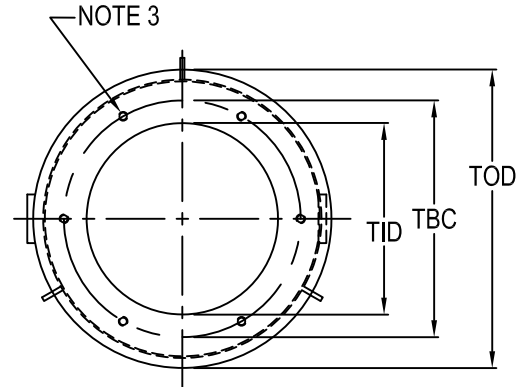
[] = dimensions in metrics; mm

* SEE NOTE 2

Bottom Section for L-868 Class 1B multiple section light base



L-868 Class 1B Bottom Section
(Shown with optional Fins)



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B Size: B=12", C=15"

2. Material to meet 1B requirement

- * ACS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
- ACB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

3. ACS - (6) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional

ACB - (6) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional

4. Conduit Openings are:

ACS bases available without conduit openings (field drilled)

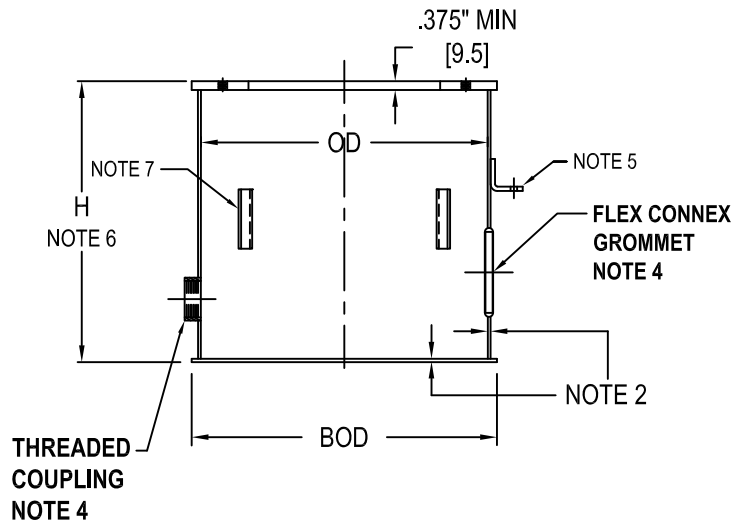
Located 180° apart and 2.5" up from bottom
Various sizes and locations are available
Protective plug installed in threaded couplings
Flex Connex Grommets are shipped separately

5. Internal/External Stainless Steel Ground Straps are standard.

ACB option equipped with uncoated ground straps
Copper Lug ASW0919 is optional

6. H = height required
12" Standard height
4-1/2" Minimum

7. (3) 7 GA. (MIN) x 3/4" Antirotational Fins
Located at intervals of 120° as shown are optional
(4) Fins at 90° available



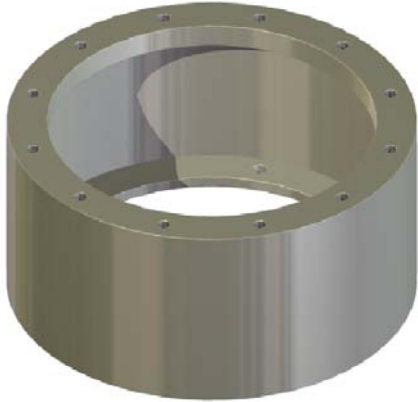
TYPE	PART NO.	OD	TOD & BOD	TBC	TID
* L868B	ACS44 _____	12.5"	13.5"	10.25"	9.25"
12"	ACB44 _____ VK	[317.5]	[342.9]	[260.4]	[235]
* L868C	ACS45 _____	15.5"	16.5"	13.25"	12.375"
15"	ACB45 _____ VK	[393.7]	[419.1]	[336.6]	[314.3]

[] = dimensions in metrics; mm.

* SEE NOTE 2

Other Heights Available

Top Section L-868 Class 1B multiple section light base



L-868 Class 1B Top Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42

- * 2. Material to meet 1B requirement
AES - 12 GA. Min. Thickness 304/18-8 Stainless Steel
AEB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

3. AES - (12) 3/8"-16 equally spaced, tapped holes
GARDSERT™ optional
AEB - (12) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional

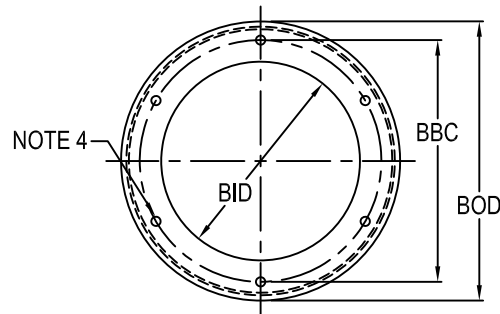
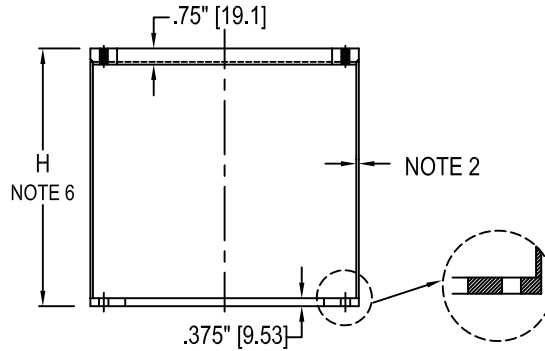
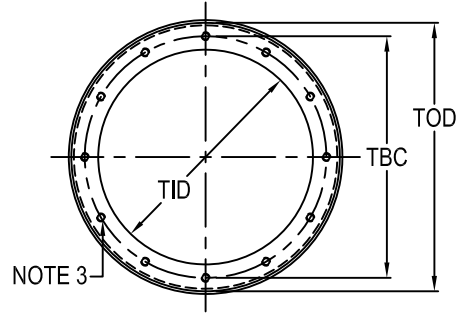
4. (12) 5/16" Ø equally spaced, thru holes on top ring
(6) 7/16" Ø equally spaced, thru holes on bottom ring

5. Customer I.D. marks optional

6. H = height required, 2 1/4" minimum

7. Top Sections are shipped with:
(6) 3/8"-16 x 1" Stainless hex head cap screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)

8. See p. K-04h for available options



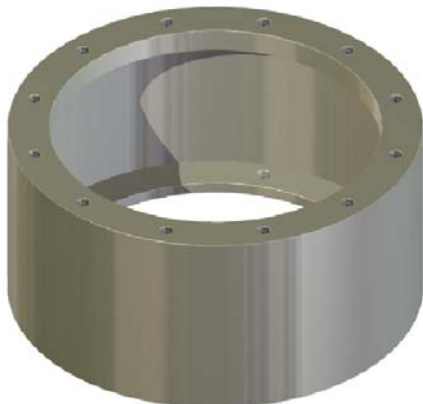
	TYPE	PART NO.	TOD & BOD	TBC	BBC	TID	BID
*	AE_0829F 8" L868A	AFS0_ _ _ _	8.5"	7.25"	6.25"	6.5"	5.25"
		AFB0_ _ _ _ VK	[215.9]	[184.2]	[159.6]	[165.1]	[134.1]
*	AE_1529F 10" L868 See Note 1	AFS1_ _ _ _	10.5"	9.25"	8.25"	8"	6"
		AFB1_ _ _ _ VK	[266.7]	[235]	[209.6]	[203.2]	[152.4]
*	AE_2419F 12" L868B	AFS2_ _ _ _	12.5"	11.25"	10.25"	10"	9.25"
		AFB2_ _ _ _ VK	[317.5]	[285.8]	[260.4]	[254]	[235]
*	AE_3519F 15" L868C	AFS3_ _ _ _	15.5"	14.25"	13.25"	13"	12.375"
		AFB3_ _ _ _ VK	[393.7]	[362]	[336.6]	[330.2]	[314.3]

[] = dimensions in metrics; mm.

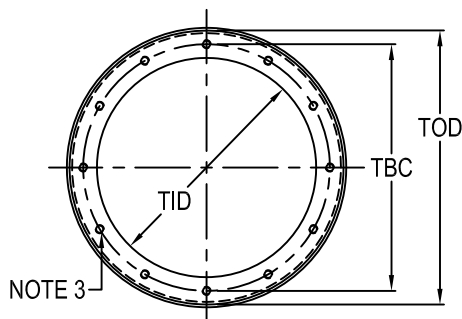
* SEE NOTE 2

Extension L-868 Class 1B

multiple section light base



L-868 Class 1B Extension



- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42

- Material to meet 1B requirement
AES - 12 GA. Min. Thickness 304/18-8 Stainless Steel
AEB - .109" Min. Thickness Class 1A with
VEGA™-KOTE proprietary coating

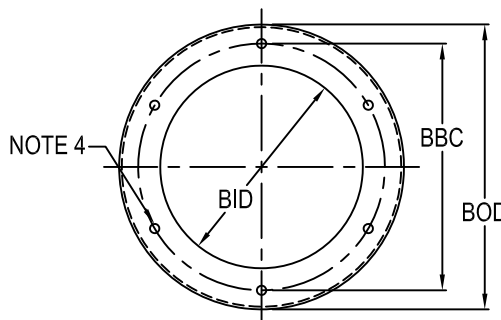
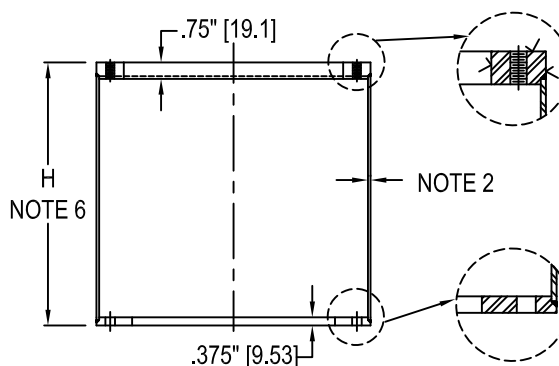
- AES - (12) 3/8"-16 equally spaced, tapped holes
GARDSERT™ optional.
AEB - (12) 3/8"-16 equally spaced, Stainless Steel
top ring standard, GARDSERT™ optional.

- (12) 5/16" Ø equally spaced, thru holes on top ring
(6) 7/16" Ø equally spaced, thru holes on bottom ring

- Customer I.D. marks available

- H = height required, 2 1/4" minimum

- Extensions are shipped with:
(6) 3/8"-16 x 1" Stainless hex head cap screws
(10650198)
(6) 3/8", 2 piece locking washers (10680607)



TYPE	PART NO.	TOD & BOD	TBC	BBC	TID	BID
* AE_0829X 8" L868A	AXS0_ _ _ _ AXB0_ _ _ _VK	8.5" [215.9]	7.25" [184.2]	7.25" [184.2]	6.5" [165.1]	6.5" [165.1]
* AE_1529X 10" L868 See Note 1	AXS1_ _ _ _ AXB1_ _ _ _VK	10.5" [266.7]	9.25" [235]	8.25" [209.6]	8" [203.2]	6" [152.4]
* AE_2419X 12" L868B	AXS2_ _ _ _ AXB2_ _ _ _VK	12.5" [317.5]	11.25" [285.8]	11.25" [285.8]	10" [254]	10" [254]
* AE_3519X 15" L868C	AXS3_ _ _ _ AXB3_ _ _ _VK	15.5" [393.7]	14.25" [362]	14.25" [362]	13" [330.2]	12.375" [314.3]

[] = dimensions in metrics; mm.

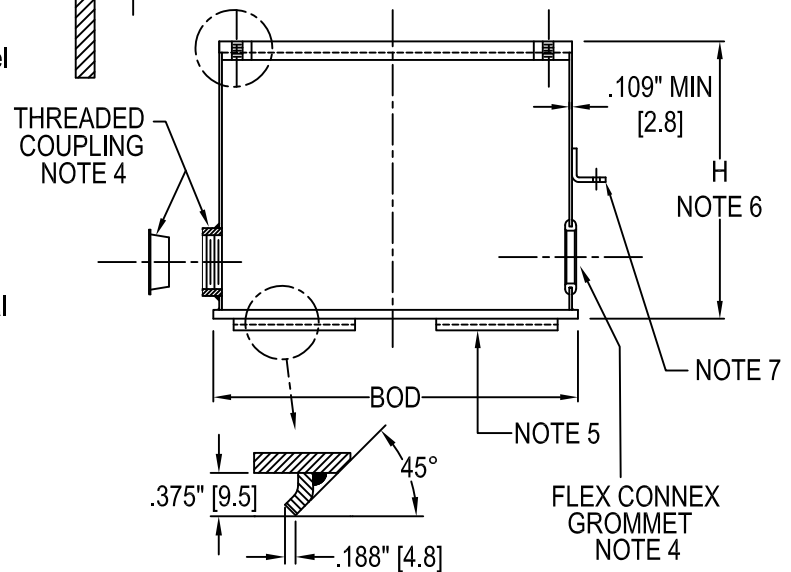
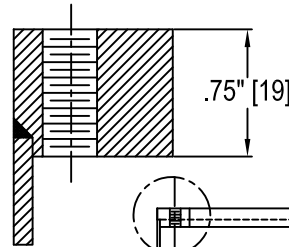
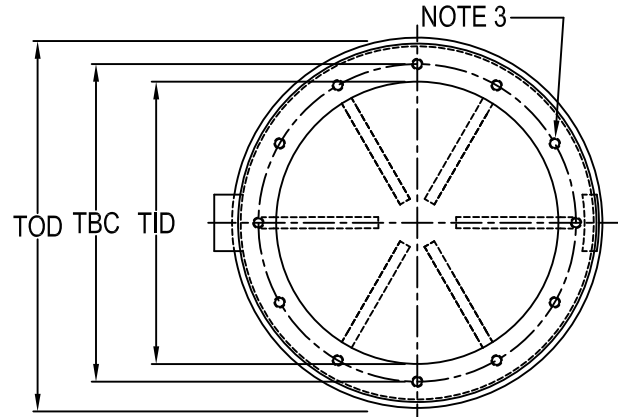
* SEE NOTE 2

L-868 Class 1B

Inset Light base



L-868 Class 1B Inset Light Base



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B Size: A=8", B=12", C=15"

* 2. Material to meet 1B requirement
ACS - 12 GA. Min. Thickness 304/18-8 Stainless Steel
ACB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating

3. ACS - (12) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional.
ACB - (12) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional

4. Conduit Openings (minimum 2 for coated bases) are:
 Located 180° apart and 2.5" up from bottom
 Various sizes and locations are available
 Protective plug installed in threaded coupling
 Flex Connex Grommets are shipped separately

5. Anti-Rotation hooks are Standard

6. H = height required
 10" Standard height
 10" and less, NO mid ring

7. Internal/External ground straps are standard

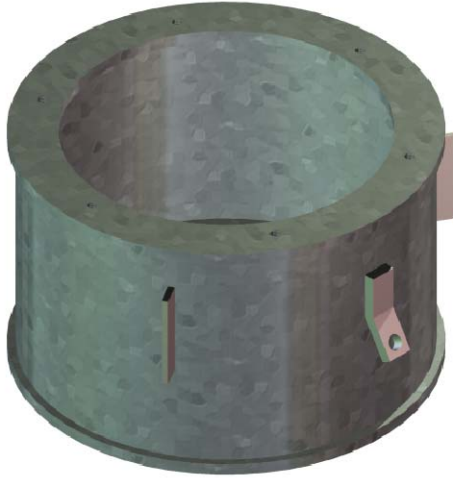
Other Heights Available

TYPE	PART NO.	BOD	TID	TBC	TOD
* L868A 8"	<u>ACS08</u> _____	9"	6.5"	7.25"	8.5"
	<u>ACB08</u> _____VK	[228.6]	[165.1]	[184.2]	[215.9]
* L868B 12"	<u>ACS24</u> _____	13"	10"	11.25"	12.5"
	<u>ACB24</u> _____VK	[330.2]	[254]	[285.8]	[317.5]
* L868C 15"	<u>ACS35</u> _____	16"	13"	14.25"	15.5"
	<u>ACB35</u> _____VK	[406.4]	[330.2]	[362]	[393.7]

[] = dimensions in metrics; mm

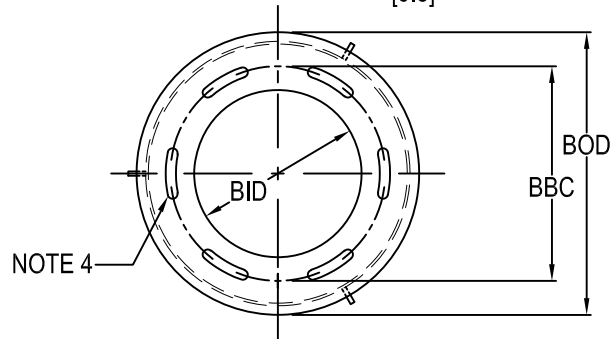
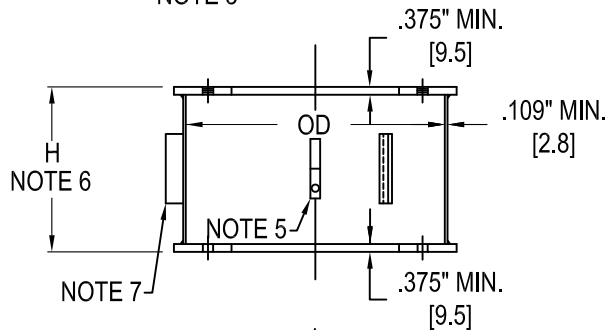
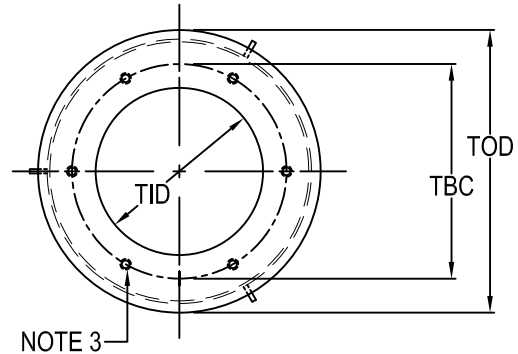
* SEE NOTE 2

Middle Section for L-868 Class 1B multiple section light base



L-868 Class 1B Middle Section

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B Size: A=8", B=12", C=15"
- * 2. Material to meet 1B requirement
AES - 12 GA. Min. Thickness 304/18-8 Stainless Steel
AEB - .109" Min. Thickness Class 1A with VEGA™-KOTE proprietary coating
3. ACS - (6) 3/8"-16 equally spaced, tapped holes GARDSERT™ optional, tapped holes are aligned and centered to bottom ring slot
ACB - (6) 3/8"-16 equally spaced, Stainless Steel top ring standard, GARDSERT™ optional, tapped holes are aligned and centered to bottom ring slot
4. (6) 7/16" Ø x 1.75" long slots equally spaced aligned with BBC
5. Stainless Steel Internal/External Ground Straps are standard. Stainless Steel ground straps ordered on "AEB" middle sections are uncoated Copper Lug AWS0919 is optional
6. H = height required
 8" Standard height
 4" Minimum height
 Other Heights Available
7. (3) 3/16" x 3/4" x 3" Antirotational Fins are located at intervals of 120°
8. Middle Sections are shipped with:
 (6) 3/8"-16 x 1" Stainless hex head cap screws (10650198)
 (6) 3/8", 2 piece locking washers (10680607)



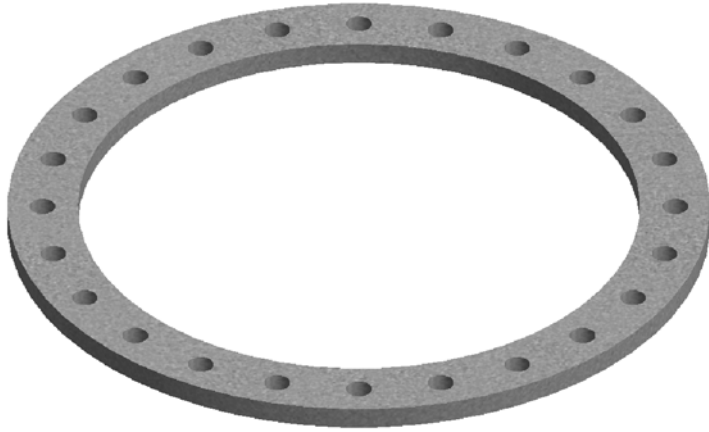
TYPE	PART NO.	OD	TOD & BOD	TBC & BBC	TID & BID
* L868A 8"	AES4703M	8.5"	9"	6.25"	5.25"
	AEB4703MVK	[215.9]	[228.6]	[159.6]	[134.1]
* L868B 12"	AES4704M	12.5"	13"	10.25"	9.25"
	AEB4704MVK	[317.5]	[330.2]	[260.4]	[235]
* L868C 15"	AES4705M	15.5"	16"	13.25"	12.375"
	AEB4705MVK	[393.7]	[406.4]	[336.6]	[314.3]

[] = dimensions in metrics; mm

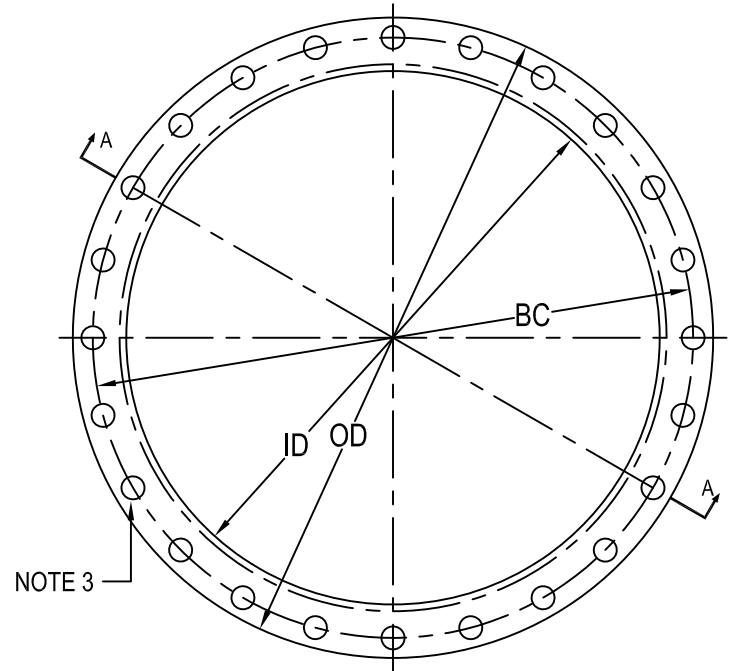
* SEE NOTE 2

D-19h (rev 0)

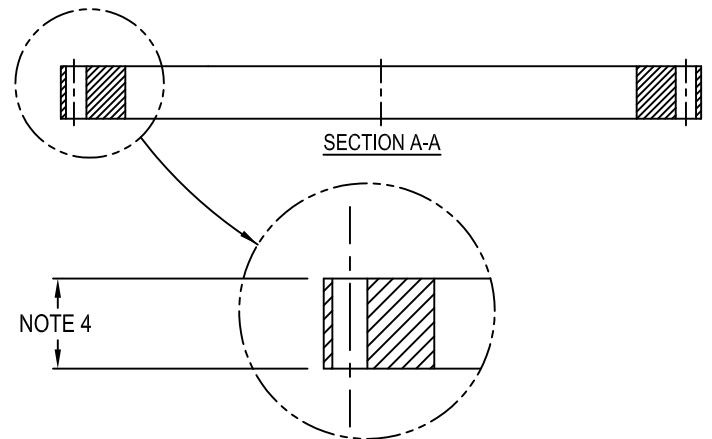
L-868 Class 1A Multi-Hole Spacer Ring



Size B Spacer Ring shown with multi-hole bolt circle



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: B=12"
2. Spacer Rings made to Class 1A :
1/16" to 1/4" are zinc plated with O.D. wash
5/16" to 2 1/4" are galvanized to ASTM-A123/A123M-02
3. (24) 7/16" Ø equally spaced, thru holes
4. Specify ring thickness in 1/16" increments by filling in missing parameters in product number
eg. A spacer ring .25" thick = AR542104MH
1/16" min. to 2 1/4" max.
5. No hardware shipped with spacer ring



TYPE	OD	ID	BC
AR5421__MH	12"	10"	11.25"
12" L868B	[305]	[254]	[285.8]

[] = dimensions in metrics; mm.

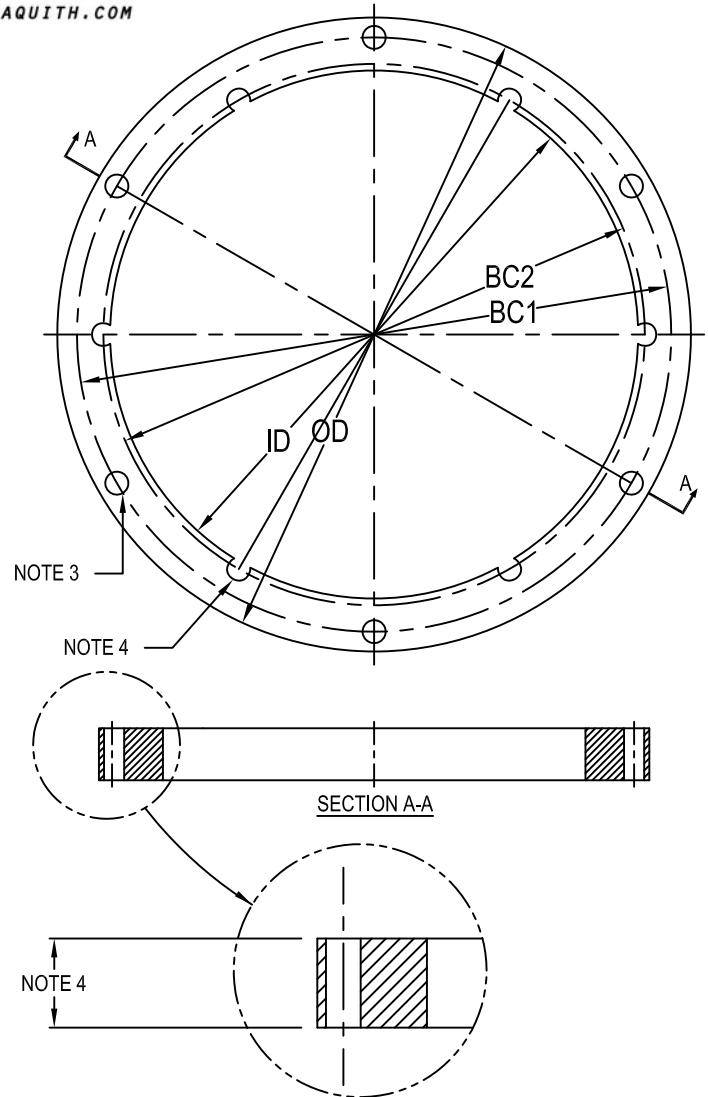


L-868 Class 1A Spacer Ring



Size B Spacer Ring shown with double bolt pattern

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
 Size: A=8", B=12", C=15"
 A=10" / AC150/5345-42
2. Spacer Rings made to Class 1A :
 1/16" to 1/4" are zinc plated with O.D. wash
 5/16" to 2" are galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes
4. Available in 1/16" increments
 1/16" min. to 2 3/16" max.
- * Size B, 1/16" through 1/4" thick come with double bolt patterns as shown.
5. Spacers above 1/4" thickness are shipped with:
 (6) 3/8"-16 x (Ring Thickness + 1/8" minimum)
 Stainless hex head cap screws
 (6) 3/8", 2 piece locking washers
 (JI Pt. No. 10680607)



TYPE	OD	ID	BC1	BC2
AR0821 _ _	8"	6.50	7.25"	—
8" L868A	[203.2]	[165.1]	[184.2]	—
AR5121 _ _	10"	8"	9.25"	—
10" L868A See Note 1	[254]	[203.2]	[235]	—
* AR5421 _ _	12"	10"	11.25"	10.25"
12" L868B	[305]	[254]	[285.8]	[260.4]
AR5521 _ _	15"	13"	14.25"	13.25"
15" L868C	[381]	[330.2]	[362]	[336.5]
AR5721 _ _	17.375"	13"	14.25"	—
15" L868C	[441.3]	[330.2]	[362]	—

[] = dimensions in metrics; mm.

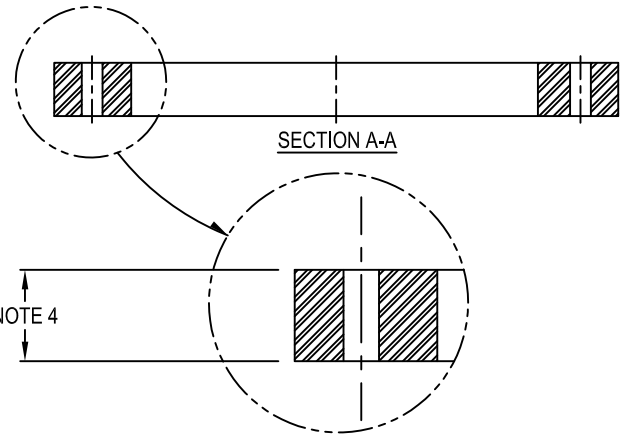
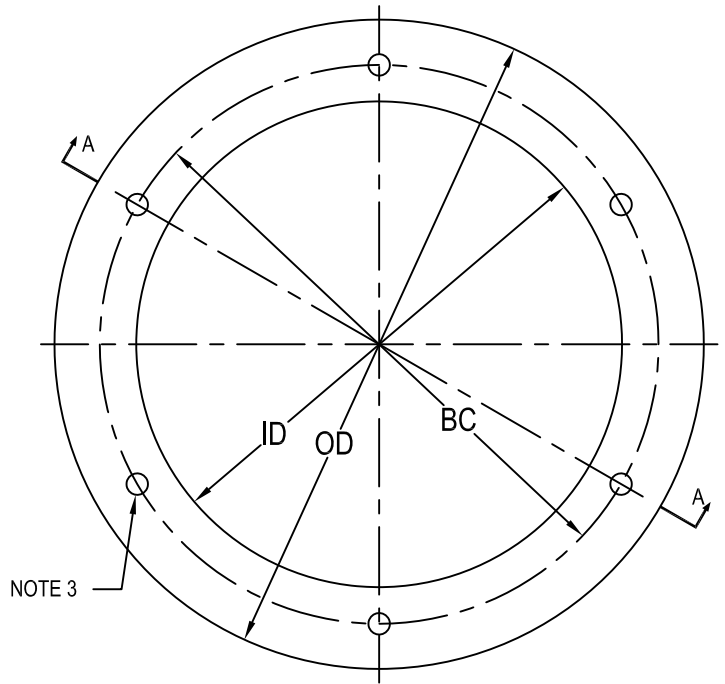
* SEE NOTE 4

E-01h (rev 0)

L-868 Class 1A Spacer Ring Bottom & Middle Sections



L-868 Size B Spacer Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=10" / AC150/5345-42, B=12", C=15"
2. Spacer Rings made to Class 1A :
1/16" to 1/4" are zinc plated with O.D. wash
5/16" to 2" are galvanized to ASTM-A123/A123M-02
3. (6) 7/16" \varnothing equally spaced, thru holes
4. Available in 1/16" increments
1/16" min. to 2 3/16" max.
5. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1 1/8") Min.
Stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)

TYPE	OD	ID	BC
AR5411 __ 12" L868B	12.5"	9.25"	10.25"
	[317.5]	[235]	[260.4]
AR5511 __ 15" L868C	15.5"	12.375"	13.25"
	[393.7]	[314]	[336.6]

[] = dimensions in metrics; mm.

L-868 Class 1A Spacer Ring Bottom / Middle / Top Sections



Size B Spacer Ring shown with double bolt pattern

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: B=12", C=15"

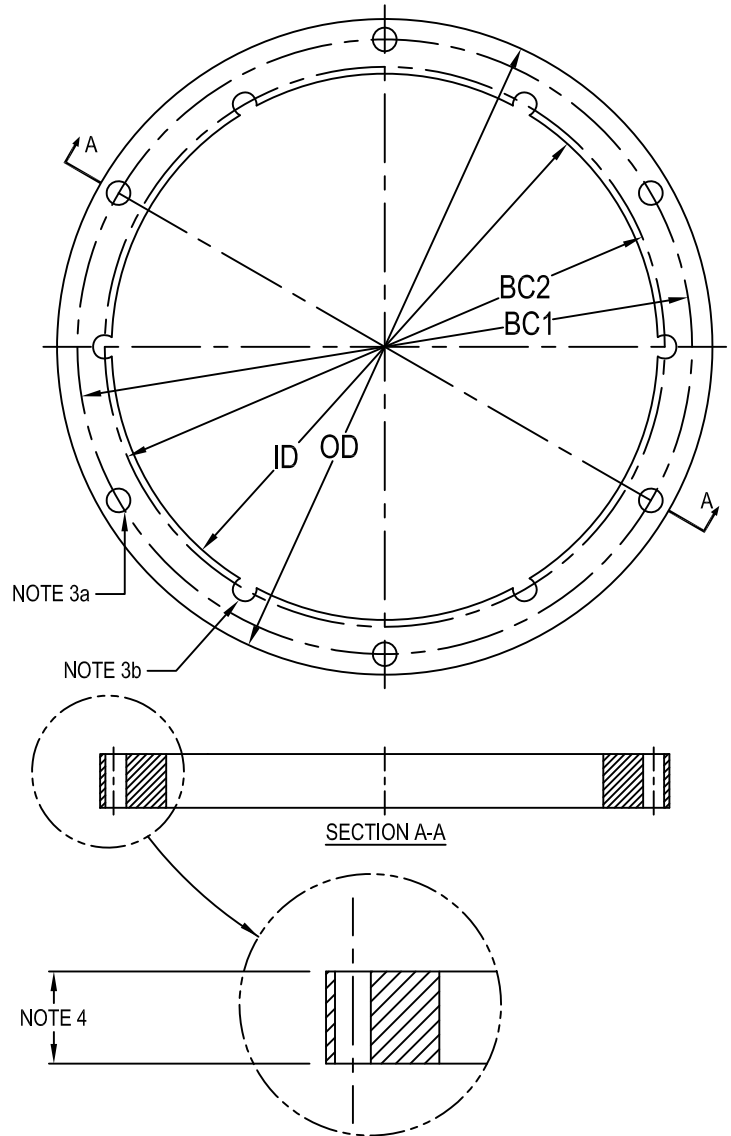
2. Spacer Rings made to Class 1A :
Galvanized to ASTM-A123/A123M-02

3a. (6) 7/16" Ø equally spaced, thru holes

3b. (6) 7/16" Ø equally spaced, partial holes

4. Available in 1/16" increments
5/16" min. to 2 3/16" max.

5. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1 1/8") Min.
Stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)



TYPE	OD	ID	BC1	BC2
AR5422 __	12"	10"	11.25"	10.25"
12" L868B	[305]	[254]	[285.8]	[260.4]
AR5522 __	15"	13"	14.25"	13.25"
15" L868C	[381]	[330.2]	[362]	[336.5]

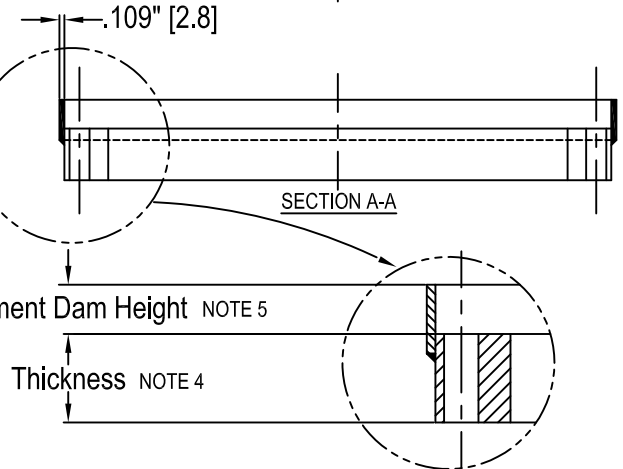
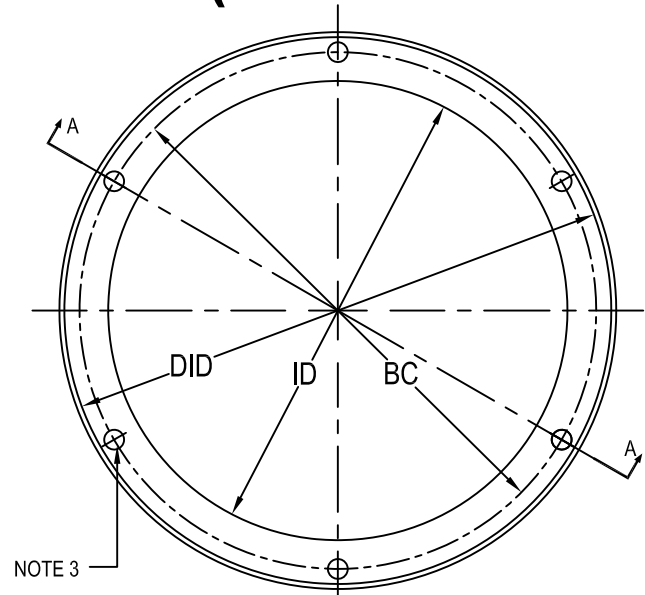
[] = dimensions in metrics; mm.

L-868 Class 1A Spacer Ring w/ Pavement Dam (Metric Version)



L-868 Class 1A Spacer Ring w/ Pavement Dam

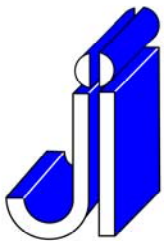
- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A-8", B-12", C-15"
A=10" / AC150/5345-42
- Spacer Rings with Pavement Dam made to Class 1A :
Are galvanized to ASTM-A123/A123M-02
- (6) 7/16" Ø equally spaced, thru holes
- Available in .125" [3.2] & .250" [6.4] to .750" [19.1]
thickness in 1/16" increments
Example of 1/8" thickness Spacer Ring Class 1A
with Pavement Dam:
AR542102Y
- * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
(Not available on 02 thickness)
Special height pavement dams available
- Spacers above 1/4" thickness are shipped with:
 - (6) M10 x 1.5 x (Ring Thickness + 30mm Minimum)
SS hex head cap screws
 - (6) 2 piece locking washers
(JI Pt. No. 10680607)



TYPE	DID	ID	BC
AR0821__YM 8" L868A	8.25" [209.6]	6.5" [165.1]	7.25" [184.2]
AR5121__YM 10" L868A See Note 1	10.25" [260.4]	8" [203.2]	9.25" [235]
AR5421__YM 12" L868B	12.25" [311.2]	10" [254]	11.25" [285.8]
* AR5521__YM 15" L868C	15.25" [387.4]	13" [330.2]	14.25" [362]
** AR5721__YM 15" L868C	17.5" [444.5]	13" [330.2]	14.25" [362]

* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.

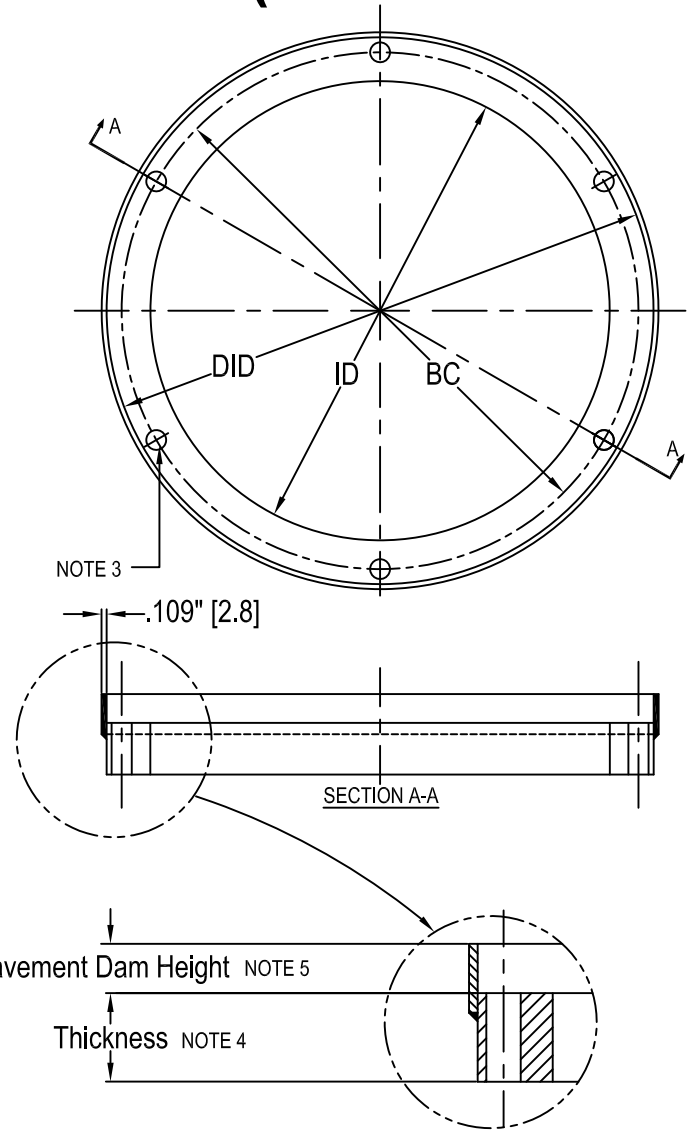


L-868 Class 1A Spacer Ring w/ Pavement Dam (Metric Version)



L-868 Class 1A Spacer Ring w/ Pavement Dam

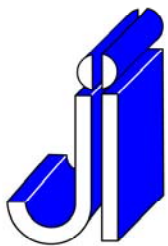
1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A-8", B-12", C-15"
2. Spacer Rings with Pavement Dam made to Class 1A :
Are galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes
4. Available in .125" [3.2] & .250" [6.4] to .750" [19.1] thickness in 1/16" increments
Example of 1/8" thickness Spacer Ring Class 1A with Pavement Dam: AR542102Y
5. 5/8" pavement dam height, standard.
1 1/8" pavement dam height standard.
* (Not available on 02 thickness)
** Special height pavement dams available
6. Spacers above 1/4" thickness are shipped with:
(6) M10 x 1.5 x (Ring Thickness + 30mm Minimum) Stainless hex head cap screws
(6) 2 piece locking washers
(JI Pt. No. 10680607)



TYPE	DID	ID	BC
AR0821__YM 8" L868A	8.25"	6.5"	7.25"
	[209.6]	[165.1]	[184.2]
AR5421__YM 12" L868B	12.25"	10"	11.25"
	[311.2]	[254]	[285.8]
* AR5521__YM 15" L868C	15.25"	13"	14.25"
	[387.4]	[330.2]	[362]
** AR5721__YM 15" L868C	17.5"	13"	14.25"
	[444.5]	[330.2]	[362]

* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.



L-868 Class 1A Spacer Ring w/ Pavement Dam



L-868 Class 1A Spacer Ring w/ Pavement Dam

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A-8", B-12", C-15"
A=10" / AC150/5345-42

2. Spacer Rings with Pavement Dam made to Class 1A :
Are galvanized to ASTM-A123/A123M-02

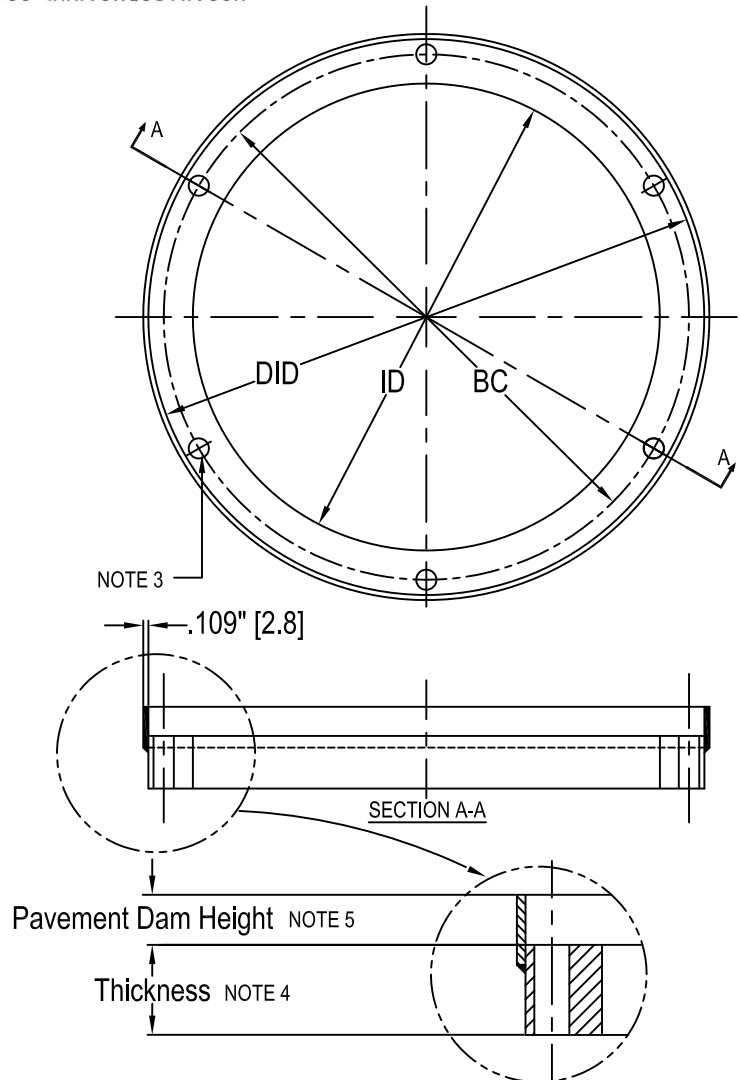
3. (6) 7/16" Ø equally spaced, thru holes

4. Available in .125" [3.2] & .250" [6.4] to .750" [19.1] thickness in 1/16" increments
Example of 1/8" thickness Spacer Ring Class 1A with Pavement Dam:

AR542102Y

5.* 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available

6. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1/8" minimum)
Stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)



TYPE	DID	ID	BC
AR0821__Y 8" L868A	8.125" [206.4]	6.5" [165.1]	7.25" [184.2]
AR5121__Y 10" L868A See Note 1	10.125" [257.2]	8" [203.2]	9.25" [235]
AR5421__Y 12" L868B	12.125" [308]	10" [254]	11.25" [285.8]
* AR5521__Y 15" L868C	15.125" [384.2]	13" [330.2]	14.25" [362]
** AR5721__Y 15" L868C	17.5" [444.5]	13" [330.2]	14.25" [362]

* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.

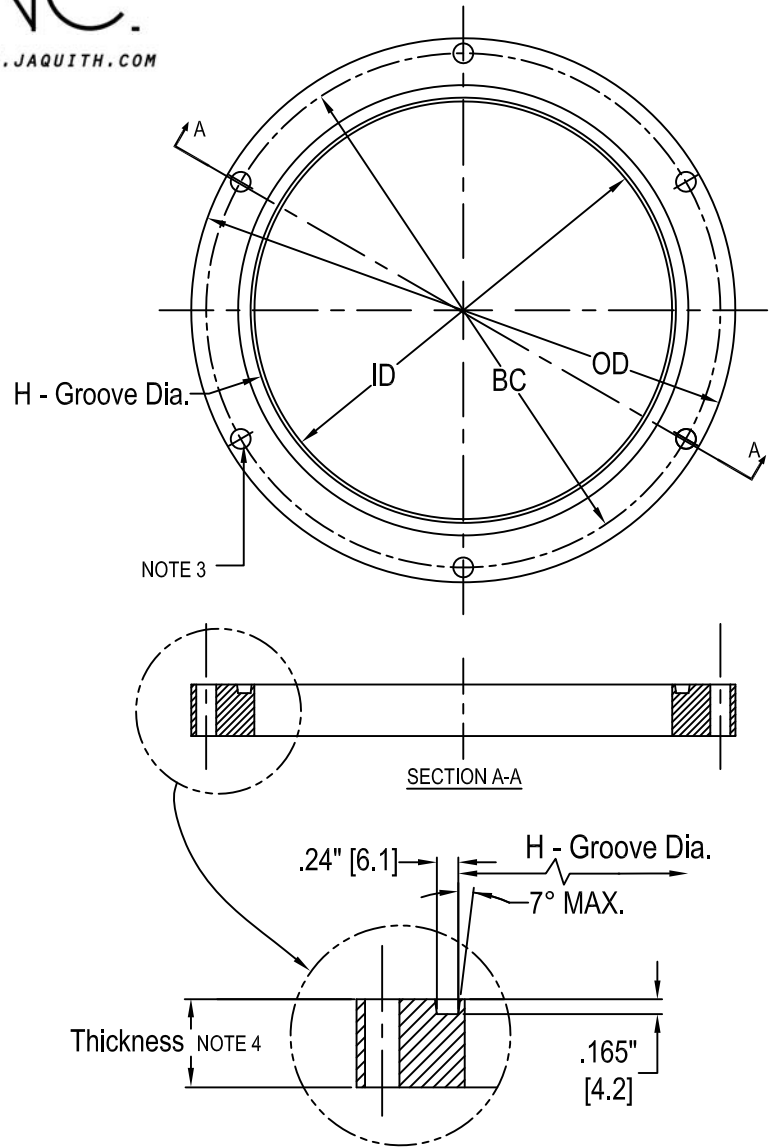
L-868 Class 1A Flange Ring



L-868 Class 1A Flange Ring

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Size: B=12", C=15"
A=10" / AC150/5345-42
2. Flange Rings made to Class 1A: are zinc plated with O.D. wash
3. (6) $\frac{7}{16}$ " \varnothing equally spaced, thru holes
4. Available from .250" to 2" thickness in 1/16" increments designated with the last 2 digits in product number (ex. 1/2" thick size B Flange Ring is AF540208)

5. Flange rings are shipped with:
 - (6) 3/8"-16 x (Ring Thickness + 1 1/8") Min. Stainless hex head cap screws
 - (6) 3/8", 2 piece locking washers (10680607)
 - (1) 'O' ring gasket
 - 10" - (10530791)
 - 12" - (10530021)
 - 15" - (10530274)



TYPE	OD	ID	BC	H
AF5102 __	10"	8"	9.25"	8.145"
10" L868A See Note 1	[254]	[203.2]	[235]	[206.9]
AF5402 __	12"	10"	11.25"	10.145"
12" L868B	[305]	[254]	[285.8]	[257.7]
AF5502 __	15"	13"	14.25"	13.145"
15" L868C	[381]	[330.2]	[362]	[333.9]

[] = dimensions in metrics; mm.

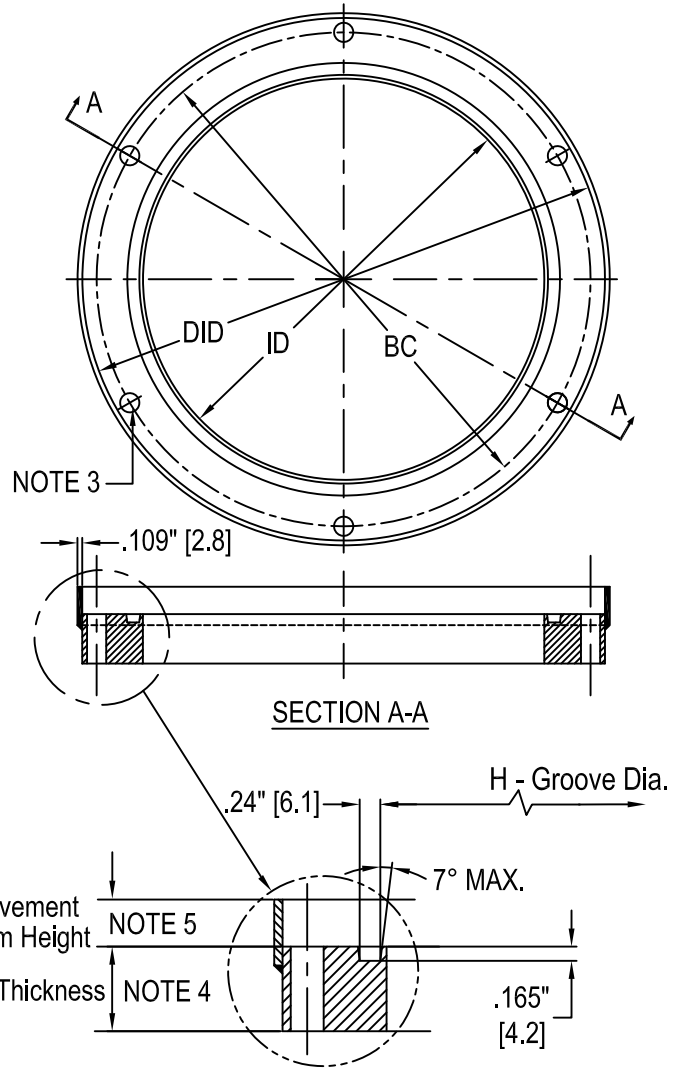
E-05h (rev 0)

L-868 Class 1A Flange Ring w/ Pavement Dam (Metric Version)



L-868 Class 1A Flange Ring w/ Pavement Dam

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: B=12", C=15"
2. Flange Rings with Pavement Dam made to Class 1A:
are zinc plated with O.D. wash per the
requirements of ASTM-B633, Type II, Class I
3. (6) 7/16" equally spaced, thru holes
4. Available from .250" to 2" thickness in
1/16" increments designated with the
last 2 digits in product number
(ex. 1/2" thick size B Flange Ring is AF540208YM)
5. * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available
6. Flange rings are shipped with:
 - (6) M10 x 1.5 x (Ring Thickness + 30mm Minimum)
Stainless hex head cap screws
 - (6) 2 piece locking washers
(JI Pt. No. 10680607)
 - (1) 'O' ring gasket
 - 12" - (10530021)
 - 15" - (10530274)



	TYPE	DID	ID	BC	H
*	AF5402__YM	12.25"	10"	11.25"	10.145"
	12" L868B	[311.2]	[254]	[285.8]	[257.7]
*	AF5502__YM	15.25"	13"	14.25"	13.145"
	15" L868C	[387.4]	[330.2]	[362]	[333.9]
**	AF5702__YM	17.375"	13"	14.25"	13.145"
	15" L868C	[441.3]	[330.2]	[362]	[333.9]

* SEE NOTE 5
** SEE NOTE 5

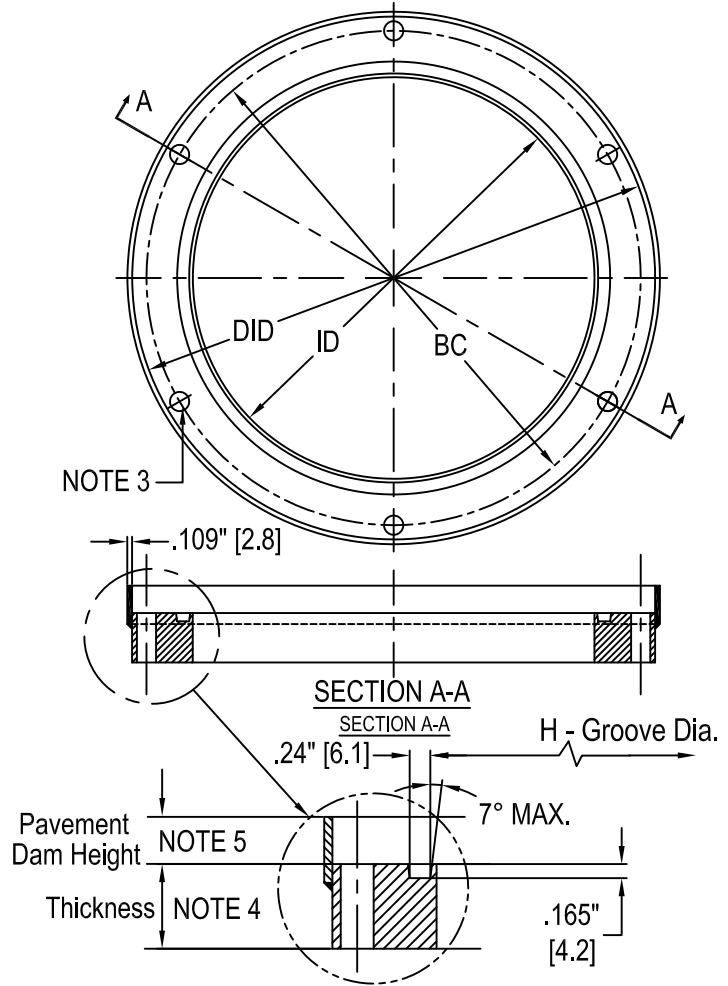
[] = dimensions in metrics; mm.

L-868 Class 1A Flange Ring w/ Pavement Dam



L-868 Class 1A Flange Ring w/ Pavement Dam

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: B=12", C=15"
A=10" / AC150/5345-42
2. Flange Rings with Pavement Dam made to Class 1A:
are zinc plated with O.D. wash
3. (6) 7/16" equally spaced, thru holes
4. Available from .250" to 2" thickness in
1/16" increments designated with the
last 2 digits in product number
(ex. 1/2" thick size B Flange Ring is AF540208Y)
5. * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available
6. Flange rings are shipped with:
(6) 3/8"-16 x Ring Thickness + 1 1/8" Min.
Stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)
(1) 'O' ring gasket
10" - (10530791)
12" - (10530021)
15" - (10530274)



TYPE	DID	ID	BC	H
* AF5102__Y 10" L868A See Note 1	10.125" [257.2]	8" [203.2]	9.25" [235]	8.145" [206.9]
* AF5402__Y 12" L868B	12.125" [308]	10" [254]	11.25" [285.8]	10.145" [257.7]
* AF5502__Y 15" L868C	15.125" [384.2]	13" [330.2]	14.25" [362]	13.145" [333.9]
** AF5702__Y 15" L868C	17.375" [441.3]	13" [330.2]	14.25" [362]	13.145" [333.9]

* SEE NOTE 5
** SEE NOTE 5

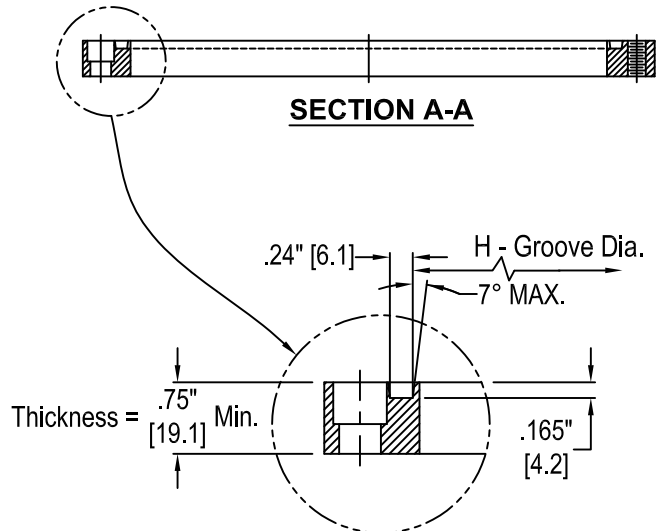
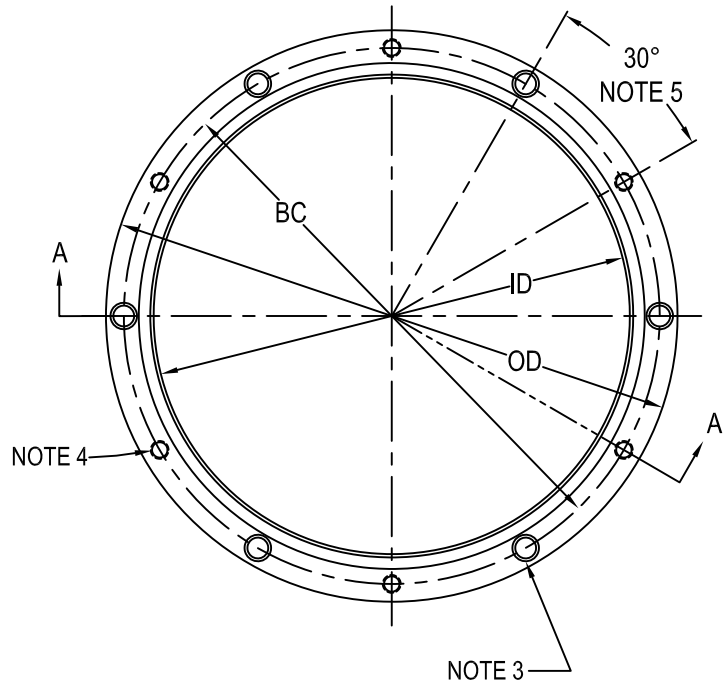
[] = dimensions in metrics; mm.

L-868 B Class 1A & 1B Flange Ring w/ Azimuth Correction



L-868 Class 1A Flange Ring w/ Azimuth Correction

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A & 1B Size: B=12"
2. Flange Rings made to Class 1A:
are zinc plated with O.D. wash
Flange Rings made to Class 1B:
are plated as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AFB543412VK)
-Also Available Are-
Flange Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "AFS" prefix (ex. - AFS543412)
3. (6) 7/16" Ø equally spaced, thru holes with 9/16" Ø x 7/16" deep counter bore
4. (6) 3/8"-16 equally spaced, tapped holes
5. For other than 30° correction, field measurements are required
6. Flange rings are shipped with:
(6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202) - Other heights are available
(6) 3/8", 2 piece locking washers (10680607)
(1) 'O' ring gasket 10" - (10530021)

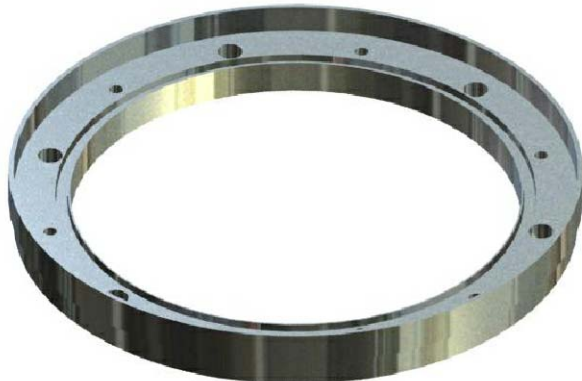


TYPE	CLASS	OD	ID	BC	H
AF543412 12" L868B	1A	12"	10"	11.25"	10.145"
		[305]	[254]	[285.8]	[257.7]
AFS543412 AFB543412VK	1B	12"	10"	11.25"	10.145"
		[305]	[254]	[285.8]	[257.7]

[] = dimensions in metrics; mm.

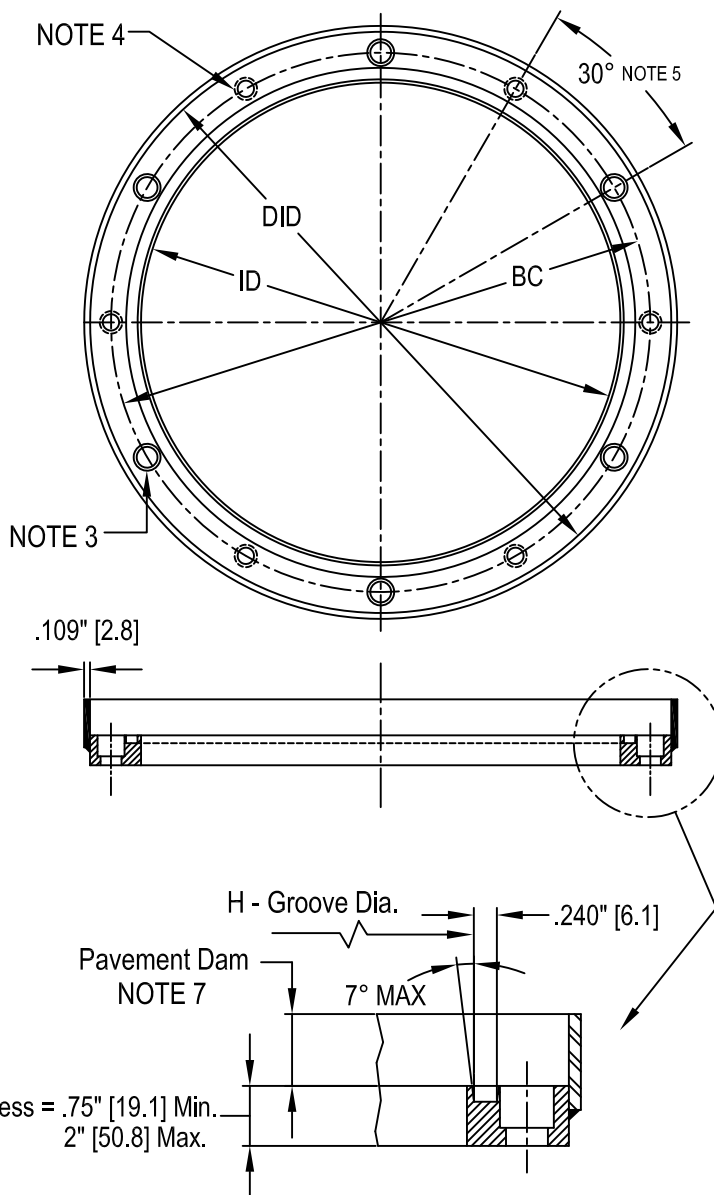
L-868 B Class 1A & 1B Flange Ring w/

Azimuth Correction & Pavement Dam



Flange Ring w/ Azimuth Correction & Pavement Dam

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A & 1B Size: B=12"
2. Flange Rings with Pavement Dam made to Class 1A: are zinc plated with O.D. wash
Flange Rings with Pavement Dam made to Class 1B: are plated as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AFB543412YVK)
-Also Available Are-
Flange Rings with Pavement Dam made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements -specified with an "AFS" prefix (ex. - AFS543412Y)
3. (6) 7/16" equally spaced, thru holes with 9/16" Ø x 7/16" deep counter bore
4. (6) 3/8"-16 equally spaced, tapped holes
5. For other than 30° correction, field measurements are required
6. Specify ring thickness in 1/16" increments by filling in missing parameters in Product Number as follows: .75" thick ring = AW543412Y (for 12/16ths thick ring)
7. 5/8" Pavement Dam height, standard
Special height pavement dams available
8. Flange rings are shipped with:
(6) 3/8"-16 x 1 1/4" Stainless hex head cap screws (10650202) - Other heights are available
(6) 3/8", 2 piece locking washers (10680607)
(6) 'O' ring gasket 10" - (10530021)



TYPE	CLASS	DID	ID	BC	H
AF5434__Y 12" L868B	1A	12.125"	10"	11.25"	10.145"
		[308]	[254]	[285.8]	[257.7]
AFS5434__Y 12" L868B	1B	12.125"	10"	11.25"	10.145"
		[308]	[254]	[285.8]	[257.7]

[] = dimensions in metrics; mm.

L-868 Class 1A Bevel Spacer Ring



L-868 Class 1A Bevel Spacer Ring

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A
Size: A=8", B=12", C=15"
* A=10" / AC150/5345-42H

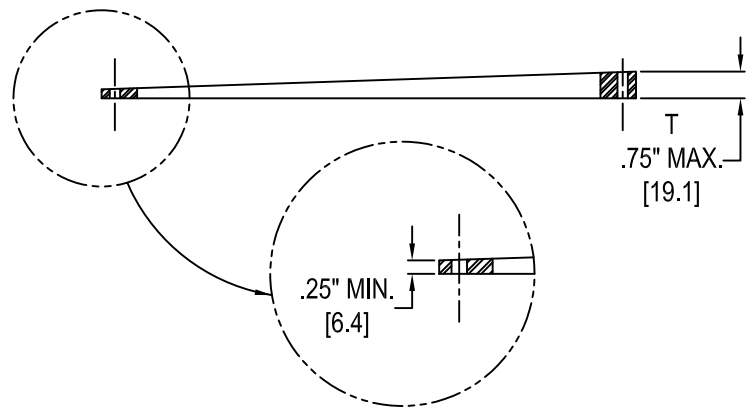
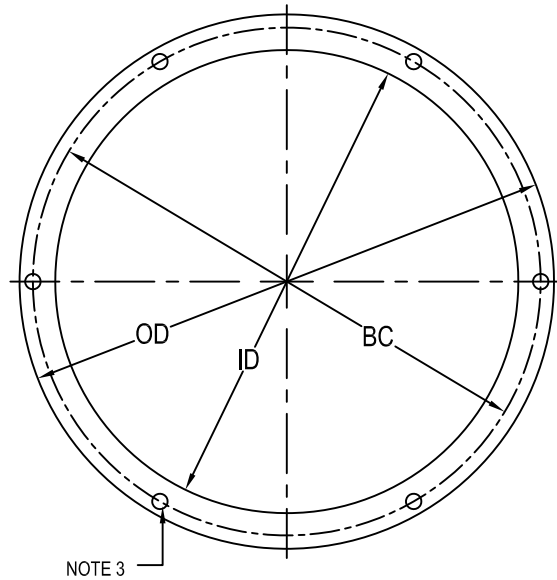
2. Bevel Spacer Rings made to Class 1A :
Galvanized to ASTM-A123/A123M-02

3. (6) 7/16" Ø equally spaced, thru holes

4. Customer to specify thickness at high and low points and their azimuth location to the nearest bolt hole (Must specify if high & low points are aligned with holes or between holes)

5. Available in 1/16" increments
1/2" Maximum Bevel

6. Spacers are shipped with:
(6) 3/8"-16 x (Max. Ring Thickness + 1 1/8") Min.
Stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)



BOTTOM/MIDDLE TO MIDDLE/TOP SECTION SPACER

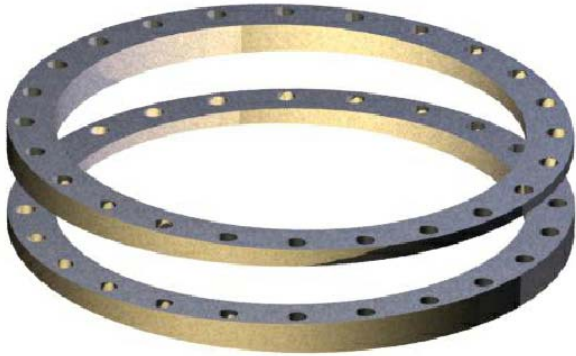
TYPE	OD	ID	BC
AR5114 10" L868A *See Note 1	10.375" [263.5]	6" [152.4]	8.25" [209.6]
AR5414 12" L868B	13.50" [342.9]	9.25" [235]	10.25" [260.4]
AR5514 15" L868C	16" [406.4]	12.375" [314.3]	13.25" [336.6]

LIGHT INTERFACE SPACER

TYPE	OD	ID	BC
AR0824 8" L868A * See Note 1	8" [203.2]	6.5" [165.1]	7.25" [184.2]
AR5124 10" L868A * See Note 1	10" [254]	8" [203.2]	9.25" [235]
AR5424 12" L868B	12" [304.8]	10" [254]	11.25" [285.8]
AR5524 15" L868C	15" [381.0]	13" [330.2]	14.25" [362]

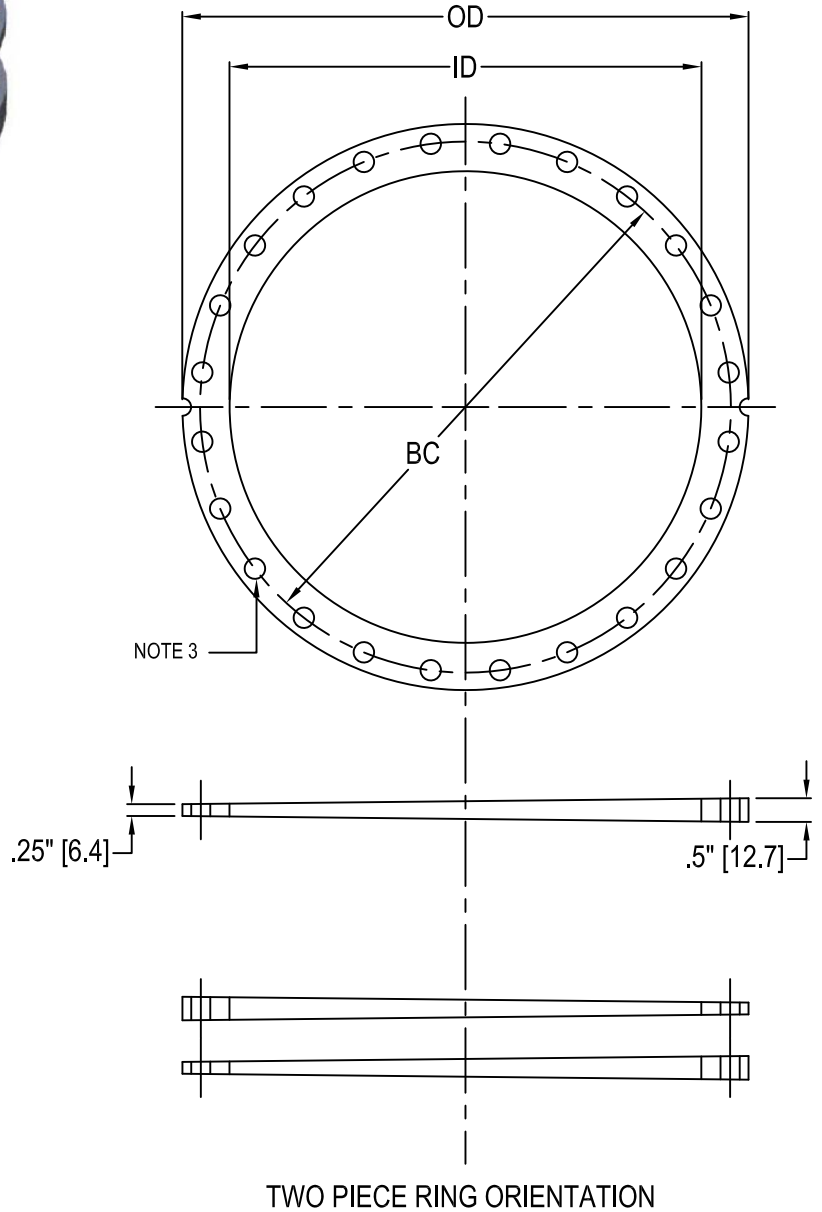
[] = dimensions in metrics; mm.

L-868 B Class 1A "Dial a Bevel" Two Piece Beveled Ring Set



"Dial a Bevel" for L-868 B light bases

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L-868 Class 1A
2. Material: Aluminum Alloy 413.1
3. (24) 7/16" \varnothing equally spaced, thru holes
4. Sold as pairs
5. Beveled Ring Set shipped with:
Bolt Packup #6108 which contains:
(6) 3/8"-16 x 3" stainless hex head cap screws (10650216)
(6) 3/8", 2 piece locking washers (10680607)



TYPE	ID	OD	BC
AR5424AL	10"	12"	11.25"
12" L868B	[254]	[304.8]	[285.8]

[] = dimensions in metrics; mm.

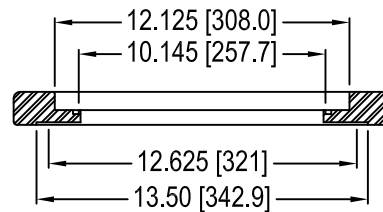
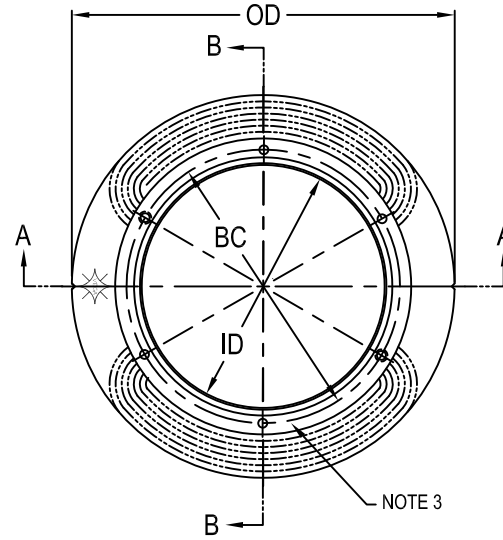
In Pavement Bi-Directional Snow Plow Ring Existing / New Construction Style 2 & 3



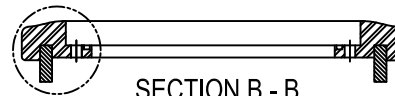
Bi-Directional Snow Plow Ring - Engineering Brief 85

1. Material: Ductile Iron
2. Finish: Black Powder Coat
3. (6) 7/16" equally spaced, thru holes
(2) opposing holes are tapped 1/2-13 for lifting eye
4. Radius on all corners 1/8" unless otherwise noted
5. Snow Plow Ring Shipped with:
10" 'O' ring, (10530021)
Bolt Packup (6109) which contains:
(6) 3/8-16 x 3 1/2" stainless hex head cap screws (10650218)
(6) 3/8", 2 piece locking washers (10680607)
6. Optional: (4) 1/2" Ø x 1 1/2" long
* Stainless Steel Spring Pins
* AW54__000 = Without Spring Pins
* AW54__00P = With Spring Pins

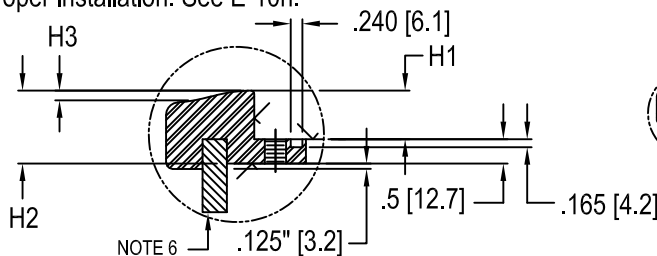
7. Recommend using AR5424AL Dial-a-Bevel Spacer Rings for proper installation. See E-10h.



SECTION A - A



SECTION B - B



TYPE	OD	ID	BC	H1	H2	H3
AW544400 * 12" L-868B STYLE 3	15.75" [400.1]	10" [254]	11.25" [285.8]	1" [25.4]	1.5" [38.1]	.25" [6.4]
AW545400 * 12" L-868B STYLE 2	17.875" [454]	10" [254]	11.25" [285.8]	1.25" [31.8]	1.75" [44.5]	.5" [12.7]

[] = dimensions in metrics; mm.

* SEE NOTE 6

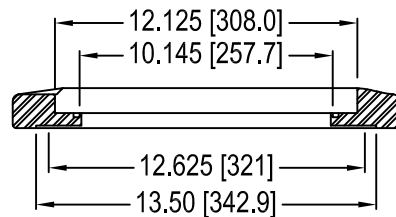
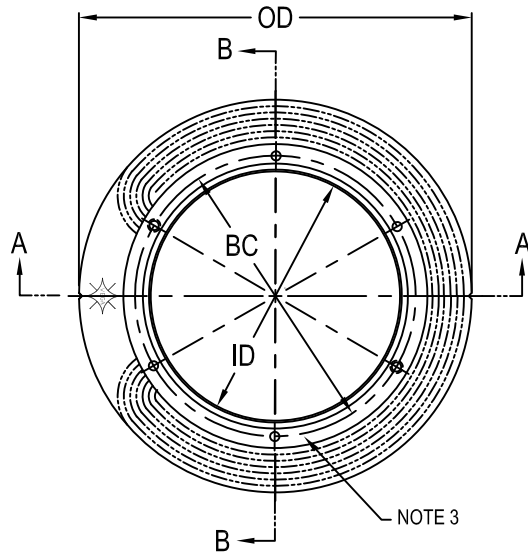
E-11h (rev 0)

In Pavement Uni-Directional Snow Plow Ring Runway / Approach Style 2 New Construction

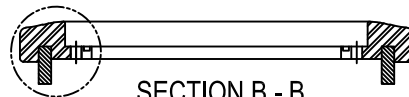


Uni-Directional Snow Plow Ring - Engineering Brief 85

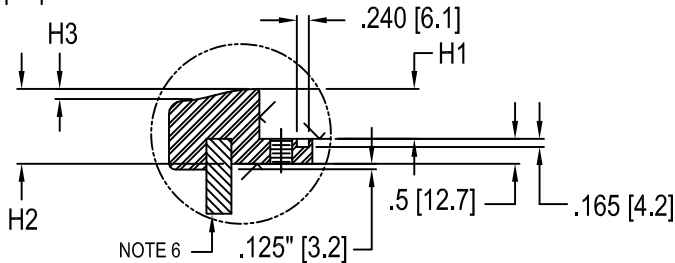
1. Material: Ductile Iron
2. Finish: Black Powder Coat
3. (6) 7/16" equally spaced, thru holes
(2) opposing holes are tapped 1/2-13 for lifting eye
4. Radius on all corners 1/8" unless otherwise noted
5. Snow Plow Ring Shipped with:
10" 'O' ring, (10530021)
Bolt Packup (6109) which contains:
(6) 3/8-16 x 3 1/2" stainless hex head cap screws (10650218)
(6) 3/8", 2 piece locking washers (10680607)
6. Optional: (4) Ø1/2" x 1 1/2" long
Stainless Steel Spring Pins
* AW546400₀ = Without Spring Pins
* AW546400_P = With Spring Pins
7. Recommend using AR5424AL Dial-a-Bevel Spacer Rings for proper installation. See E-10h.



SECTION A - A



SECTION B - B



NOTE 6

TYPE	OD	ID	BC	H1	H2	H3
AW546400 * 12" L-868B STYLE 2	17.875"	10"	11.25"	1.25"	1.75"	.5"
	[454]	[254]	[285.8]	[31.8]	[44.5]	[31.8]

[] = dimensions in metrics; mm.

* SEE NOTE 6

E-13h (rev 0)

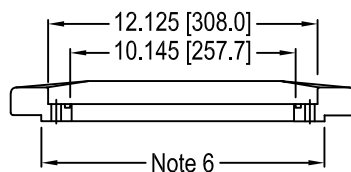
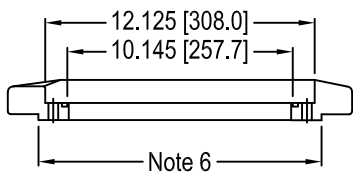
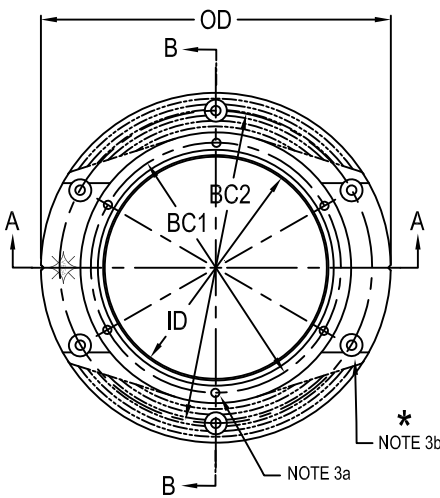
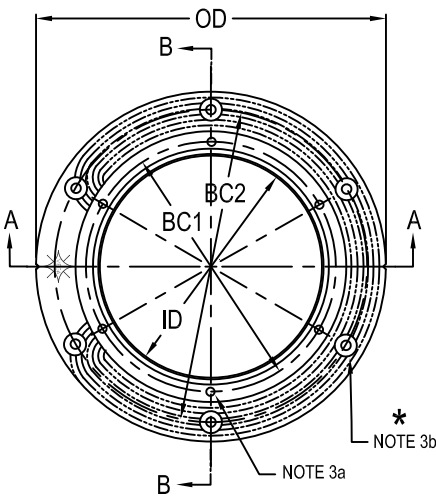
In Pavement Uni/Bi-Directional Snow Plow Ring Runway / Approach Style 2 Existing / New Construction



Uni-Directional Snow Plow Ring

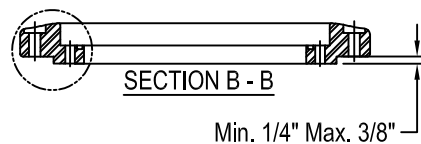
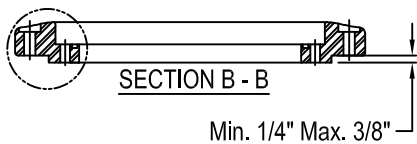
Bi-Directional Snow Plow Ring

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SECTION A - A

SECTION A - A

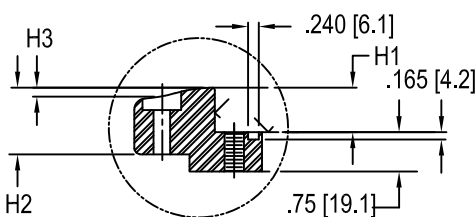


SECTION B - B

SECTION B - B

Min. 1/4" Max. 3/8"

Min. 1/4" Max. 3/8"



1. Material: Ductile Iron
2. Finish: Black Powder Coat
- 3a. (6) 3/8-16 equally spaced tapped holes
- 3b. (6) Ø7/16" equally spaced, thru holes
* with 1 1/8" Ø x 1/4" deep counter bore
NOTE: L-867D / E-1315 bolt pattern placement must be field verified for proper alignment on AW5465000 And AW5467000
4. Radius on all corners 1/8" unless otherwise noted
5. Snow Plow Ring Shipped with:
10" 'O' ring, (10530021)
Bolt Packup (6109) which contains:
(6) 3/8"-16 x 3 1/2" stainless hex head cap screws (10650218)
(6) 3/8", 2 piece locking washers (10680607)
6. AW5465 - 12.25" [312.9] throat projection for L-867D / E-1315
AW5466 - 12.875" [328.8] throat projection for L-868C
AW5467 - 12.25" [312.9] throat projection for L-867D / E-1315
AW5468 - 12.875" [328.8] throat projection for L-868C

TYPE	OD	ID	BC1	BC2	H1	H2	H3
AW5465000 *16" L867D / E-1315 STYLE 2 /UNI-DIRECT.	17.25" [400.1]	10" [254]	11.25" [285.8]	14.25" [363.9]	1.25" [31.8]	1.75" [44.5]	.5" [12.8]
AW5466000 15" L868C STYLE 2 /UNI-DIRECT.	17.25" [454]	10" [254]	11.25" [285.8]	14.25" [363.9]	1.25" [31.8]	1.75" [44.5]	.5" [12.8]
AW5467000 *16" L867D / E-1315 STYLE 2 /BI-DIRECT.	17.25" [400.1]	10" [254]	11.25" [285.8]	14.25" [363.9]	1.25" [31.8]	1.75" [44.5]	.5" [12.8]
AW5468000 15" L868C STYLE 2 /BI-DIRECT.	17.25" [454]	10" [254]	11.25" [285.8]	14.25" [363.9]	1.25" [31.8]	1.75" [44.5]	.5" [12.8]

[] = dimensions in metrics; mm.

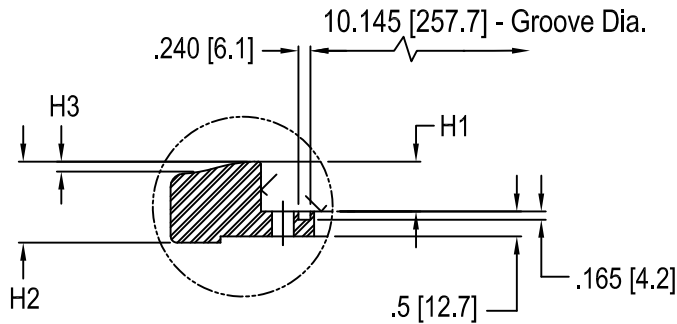
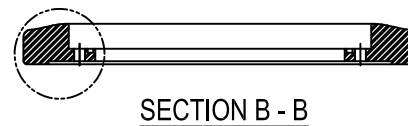
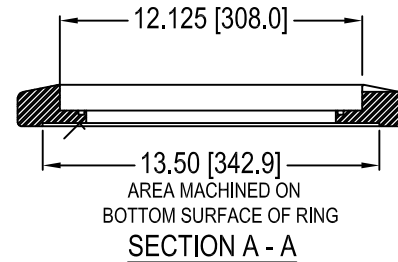
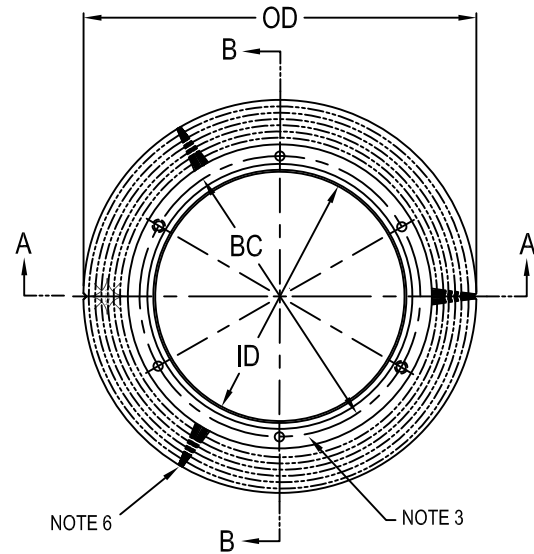
* SEE NOTE 3b

In Pavement Omni-Directional Snow Plow Ring Taxiway / Apron Style 3 New Construction



Omni-Directional Snow Plow Ring - Engineering Brief 85

1. Material: Ductile Iron
2. Finish: Black Powder Coat
3. (6) 7/16" equally spaced, thru holes
(2) opposing holes are tapped 1/2-13 for lifting eye
4. Radius on all corners 1/8" unless otherwise noted
5. Snow Plow Ring Shipped with:
10" 'O' ring, (10530021)
Bolt Packup #6109 which contains:
(6) 3/8"-16 x 3 1/2" stainless hex head cap screws (10650218)
(6) 3/8", 2 piece locking washers (10680607)
6. 3 slots for drainage.
7. Recommend using AR5424AL Dial-a-Bevel Spacer Rings for proper installation. See E-10h.



TYPE	OD	ID	BC	H1	H2	H3
AW5474000 12" L-868B STYLE 3	16"	10"	11.25"	1.13"	1.75"	.25"
	[406.4]	[254]	[285.8]	[28.6]	[44.5]	[6.4]

[] = dimensions in metrics; mm.

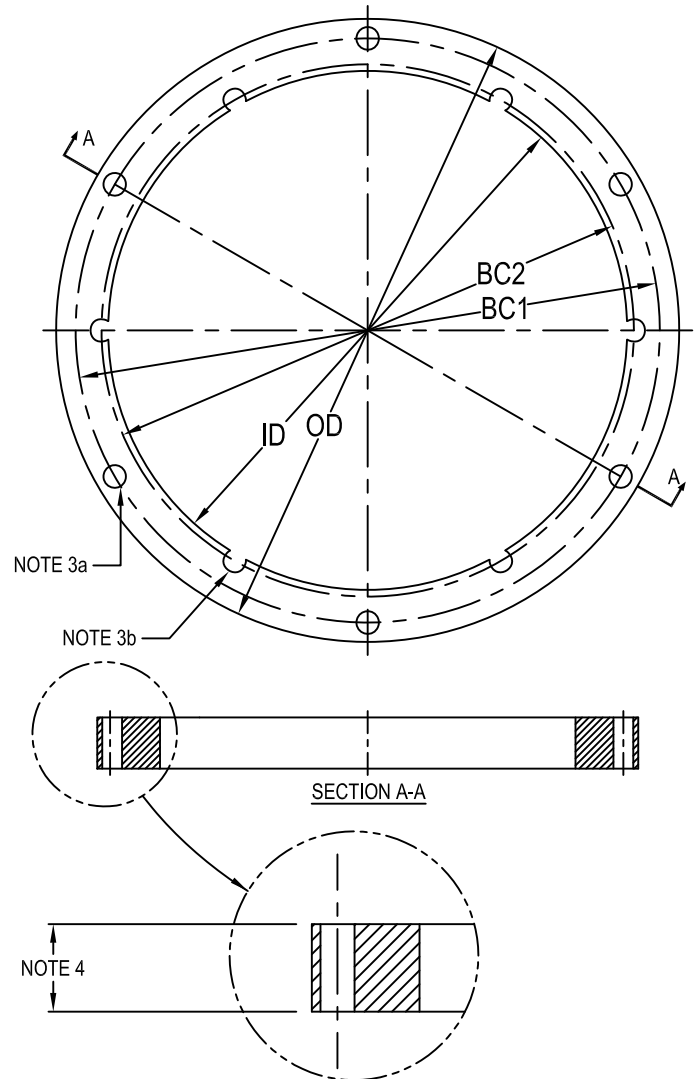
E-15h (rev 0)

L-868 Class 1B Spacer Ring Bottom / Middle / Top Sections



Size B Spacer Ring

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: B=12", C=15"
2. Spacer Rings made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR542212VK)
-Also Available Are-
Spacer Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS542212)
- 3a. (6) 7/16" Ø equally spaced, thru holes
- 3b. (6) 7/16" Ø equally spaced, partial holes
4. Available in 1/16" increments
5/16" min. to 2 3/16" max.
5. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1 1/8") Min. stainless hex head cap screws
(6) 3/8", 2 piece locking washers (JI Pt. No. 10680607)



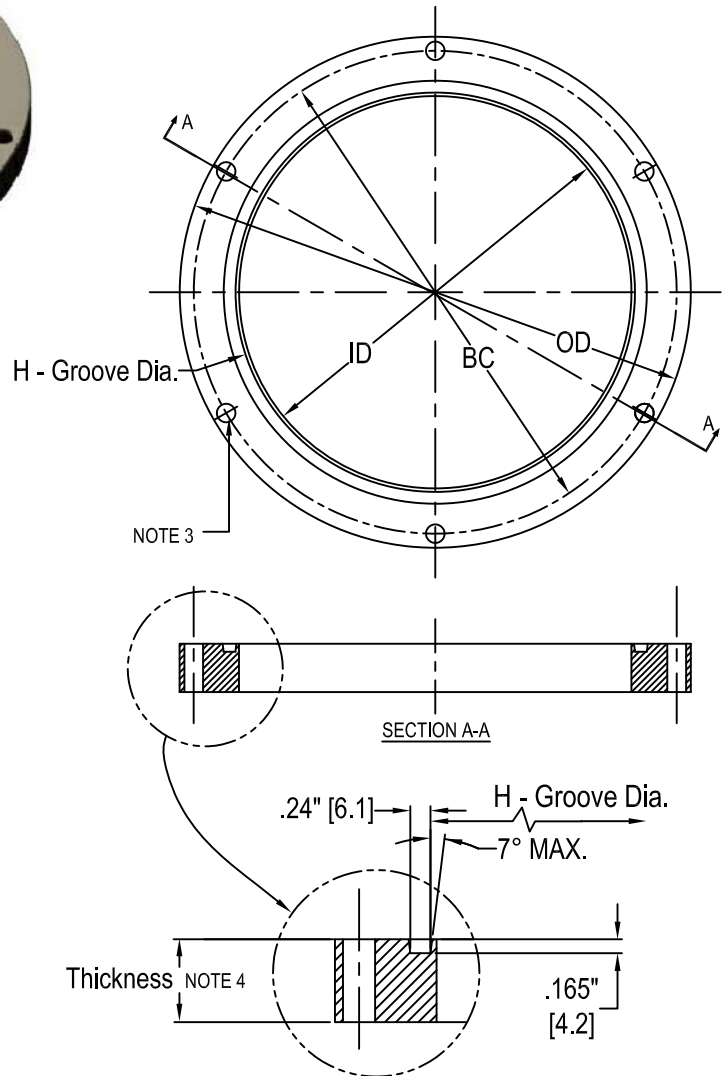
	TYPE	OD	ID	BC1	BC2
L868B	ARS5422__	12"	10"	11.25"	10.25"
12"	AR5422__VK	[305]	[254]	[285.8]	[260.4]
L868C	ARS5522__	15"	13"	14.25"	13.25"
15"	AR5522__VK	[381]	[330.2]	[362]	[336.5]

[] = dimensions in metrics; mm.

L-868 Class 1B Flange Ring



L-868 Class 1B Flange Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42

2. Flange Rings made to Class 1B:
are plated as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AF540212VK)
-Also Available Are-

Flange Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "AFS" prefix (ex. - AFS540212)

3. (6) 7/16" Ø equally spaced, thru holes

4. Available from 1/4" to 2 3/16" thickness in 1/16" increments designated with the last 2 digits in product number (ex. 1/2" thick size B Flange Ring is AF540208)

5. Flange rings are shipped with:
(6) 3/8"-16 x T + 1 1/8" stainless hex head cap screws
(6) 3/8", 2 piece locking washers (10680607)
(1) 'O' ring gasket
8" - (N/A)
10" - (10530791)
12" - (10530021)
15" - (10530274)

TYPE	OD	ID	BC	H
L868A 8" AFS0802__	8"	6.5"	7.25"	6.145"
8" AF0802__VK	[203.2]	[165.1]	[184.2]	[156.1]
See Note 1 L868A 10" AFS5102__	10"	8"	9.25"	8.145"
10" AF5102__VK	[254]	[203.2]	[235]	[206.9]
L868B 12" AFS5402__	12"	10"	11.25"	10.145"
12" AF5402__VK	[305]	[254]	[285.8]	[257.7]
L868C 15" AFS5502__	15"	13"	14.25"	13.145"
15" AF5502__VK	[381]	[330.2]	[362]	[333.9]

[] = dimensions in metrics; mm.

L-868 Class 1A Multi-Hole Spacer Ring w/ Pavement Dam



L-868 Class 1A MH Spacer Ring w/ Pavement Dam

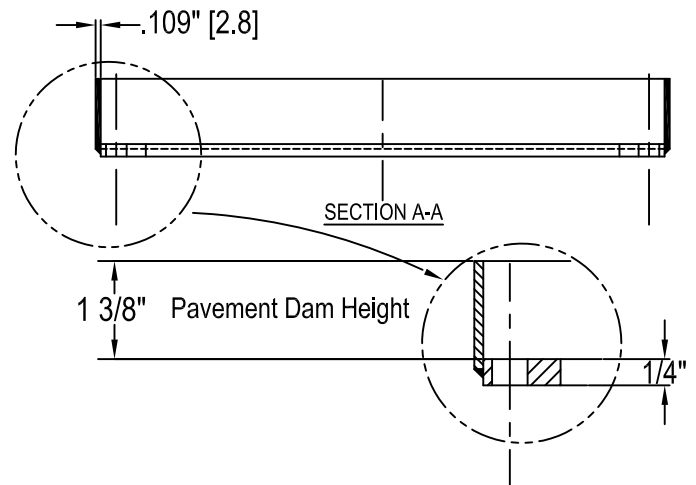
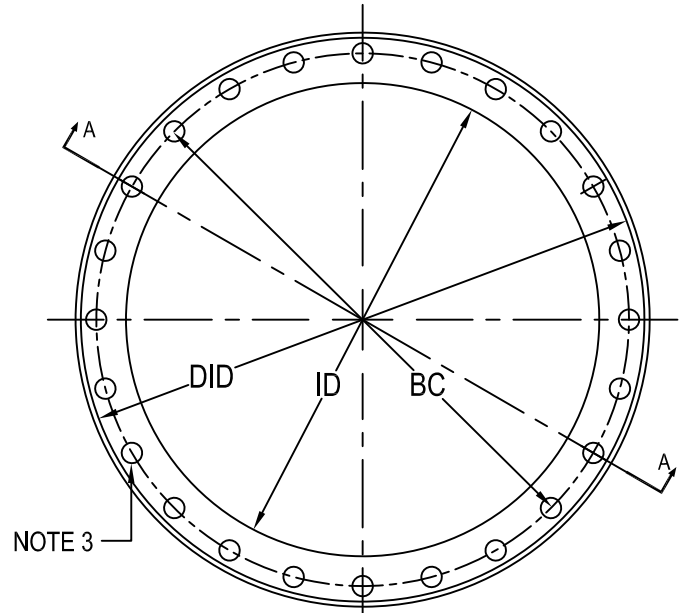
1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1A Size: B-12"

2. Galvanized to ASTM-A123/A123M

3. (24) 7/16" Ø equally spaced, thru holes

4. 1 3/8" pavement dam height, standard.

5. No hardware shipped with spacer ring



TYPE	DID	ID	BC
L868B 12"	AR542104YMH 12.125" [308]	10.0" [254]	11.25" [285.8]

[] = dimensions in metrics; mm.

L-868 Class 1B Spacer Ring w/ Pavement Dam



L-868 Class 1B Spacer Ring w/ Pavement Dam

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A-8", B-12", C-15"
A=10" / AC150/5345-42

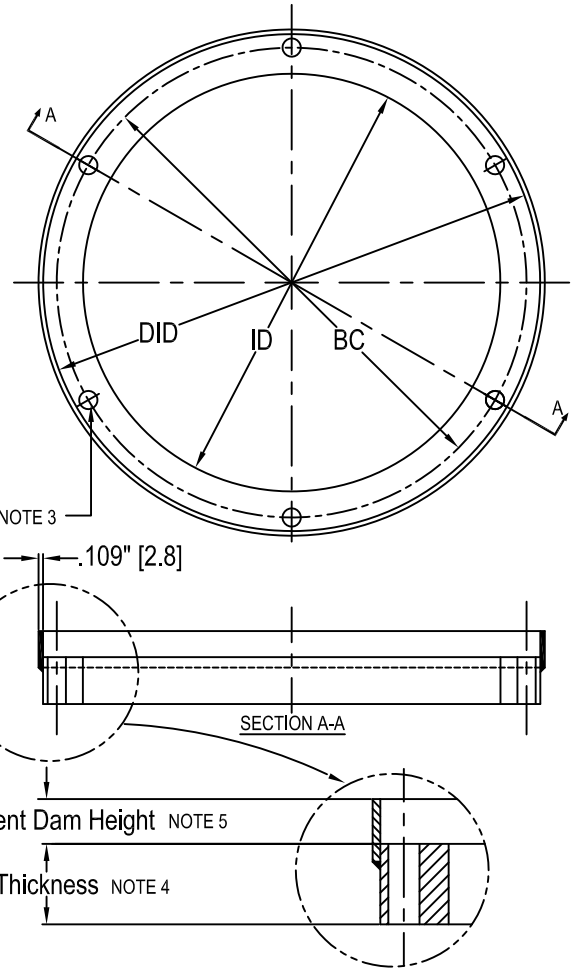
2. Spacer Rings with Pavement Dam made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR542112YVK)
-Also Available Are-
Spacer Rings with Pavement Dam made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS542112Y)

3. (6) 7/16" Ø equally spaced, thru holes

4. Available in .125" [3.2] & .250" [6.4] to .750" [19.1] thickness in 1/16" increments
Example of 1/8" thickness Spacer Rings Class 1A with Pavement Dam:
AR512102Y AR542102Y

5. * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available

6. Spacers above 1/4" thickness are shipped with: *
(6) 3/8"-16 x (Ring Thickness + 1/8" minimum) stainless hex head cap screws
(6) 3/8", 2 piece locking washers **
(JI Pt. No. 10680607)



	TYPE	DID	ID	BC
L868A 8"	ARS0821__Y	8.313"	6.5"	7.25"
	AR0821__YVK	[211.2]	[165.1]	[184.2]
SEE NOTE 1 L868A 10"	ARS5121__Y	10.313"	8"	9.25"
	AR5121__YVK	[262]	[203.2]	[235]
L868B 12"	ARS5421__Y	12.313"	10"	11.25"
	AR5421__YVK	[312.8]	[254]	[285.8]
L868C 15"	ARS5521__Y	15.313"	13"	14.25"
	AR5521__YVK	[384.2]	[330.2]	[362]
L868C 15"	ARS5721__Y	17.375"	13"	14.25"
	AR5721__YVK	[441.3]	[330.2]	[362]

* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.

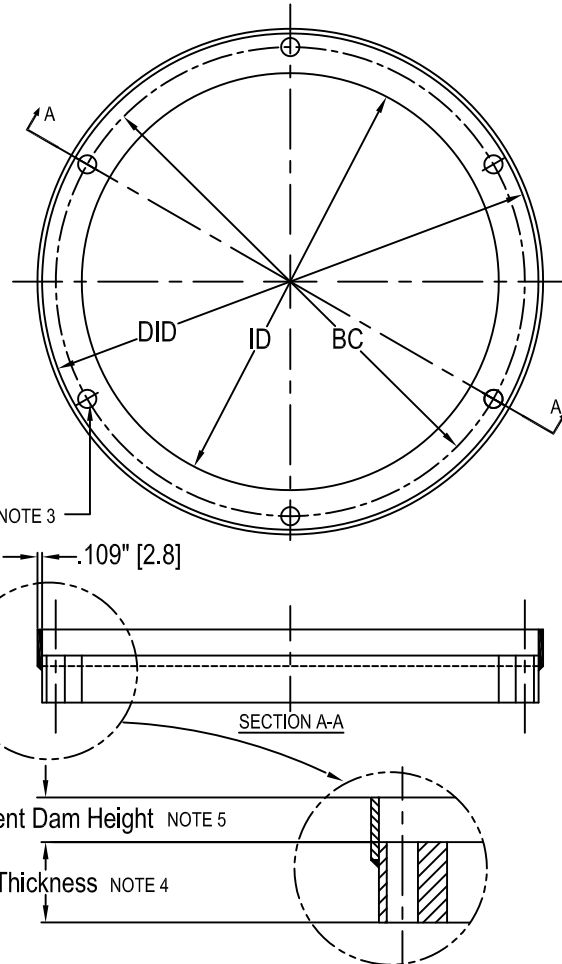


L-868 Class 1B Spacer Ring w/ Pavement Dam (For Metric Hardware)



L-868 Class 1B Spacer Ring w/ Pavement Dam

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A-8", B-12", C-15"
A=10" / AC150/5345-42 Rev C
- Spacer Rings with Pavement Dam made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR542112YVK)
-Also Available Are-
Spacer Rings with Pavement Dam made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS542112Y)



- (6) 7/16" Ø equally spaced, thru holes
- Available in .125" [3.2] & .250" [6.4] to .750" [19.1] thickness in 1/16" increments
Example of 1/8" thickness Spacer Rings Class 1A with Pavement Dam:
AR512102Y AR542102Y

- * 5/8" pavement dam height, standard.
- ** 1 1/8" pavement dam height standard.
Special height pavement dams available

- Spacers above 1/4" thickness are shipped with: *
(6) M10-1.5 x (Ring Thickness + 1/8" minimum) stainless hex head cap screws
(6) 2 piece locking washers **
(JI Pt. No. 10680607)

	TYPE	DID	ID	BC
L868A	ARS0821__YM	8.313"	6.5"	7.25"
8"	AR0821__YMK	[211.2]	[165.1]	[184.2]
SEE NOTE 1	ARS5121__YM	10.313"	8"	9.25"
L868A	AR5121__YMK	[262]	[203.2]	[235]
10"	ARS5421__YM	12.313"	10"	11.25"
L868B	AR5421__YMK	[312.8]	[254]	[285.8]
12"	ARS5521__YM	15.313"	13"	14.25"
L868C	AR5521__YMK	[384.2]	[330.2]	[362]
15"	ARS5721__YM	17.375"	13"	14.25"
L868C	AR5721__YMK	[441.3]	[330.2]	[362]

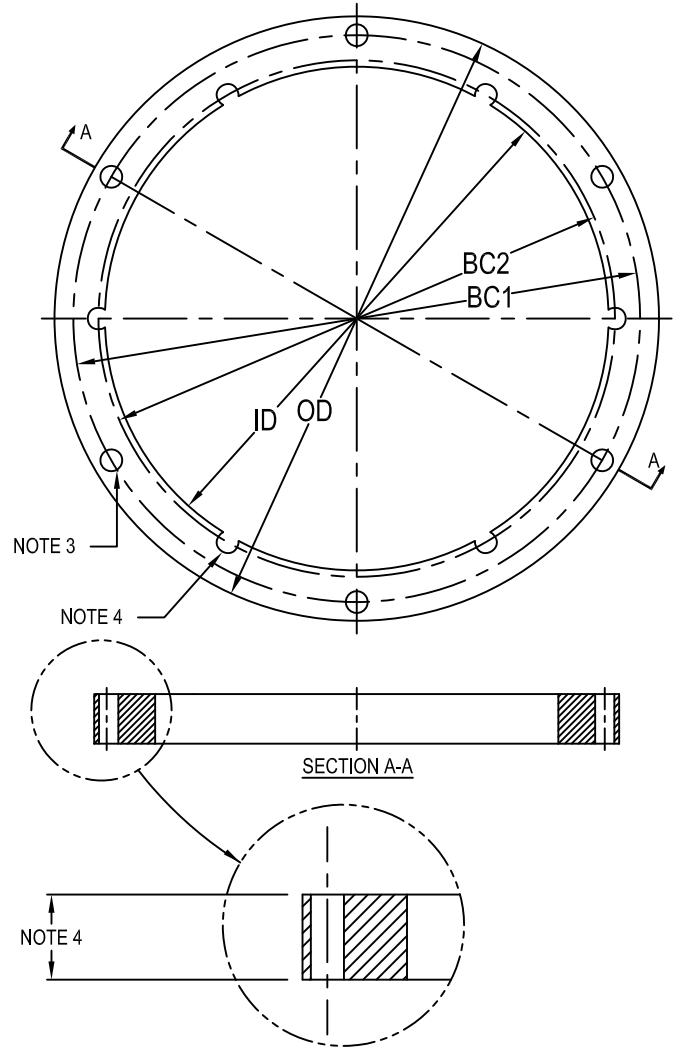
* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.

L-868 Class 1B Spacer Ring



Size B Spacer Ring shown with double bolt pattern



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42 Rev C

2. Spacer Rings made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR542112VK)
-Also Available Are-
Spacer Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS542112)

3. (6) 7/16" Ø equally spaced, thru holes

4. Available in 1/16" increments
1/16" min. to 2 1/4" max.

* Size B, 1/16" through 3/8" thick come with double bolt patterns as shown.

** Size C, single bolt pattern standard

5. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1/8" minimum) stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)

TYPE	OD	ID	BC1	BC2
L868A ARS0821 __	8"	6.50	7.25"	—
8" AR0821 __VK	[203.2]	[165.1]	[184.2]	—
SEE NOTE 1 ARS5121 __	10"	8"	9.25"	—
L868A AR5121 __VK	[254]	[203.2]	[235]	—
* L868B ARS5421 __	12"	10"	11.25"	10.25"
12" AR5421 __VK	[305]	[254]	[285.8]	[260.4]
L868C ARS5521 __	15"	13"	14.25"	13.25"
15" AR5521 __VK	[381]	[330.2]	[362]	[336.5]
L868C ARS5721 __	17.375"	13"	14.25"	—
15" AR5721 __VK	[441.3]	[330.2]	[362]	—

[] = dimensions in metrics; mm.

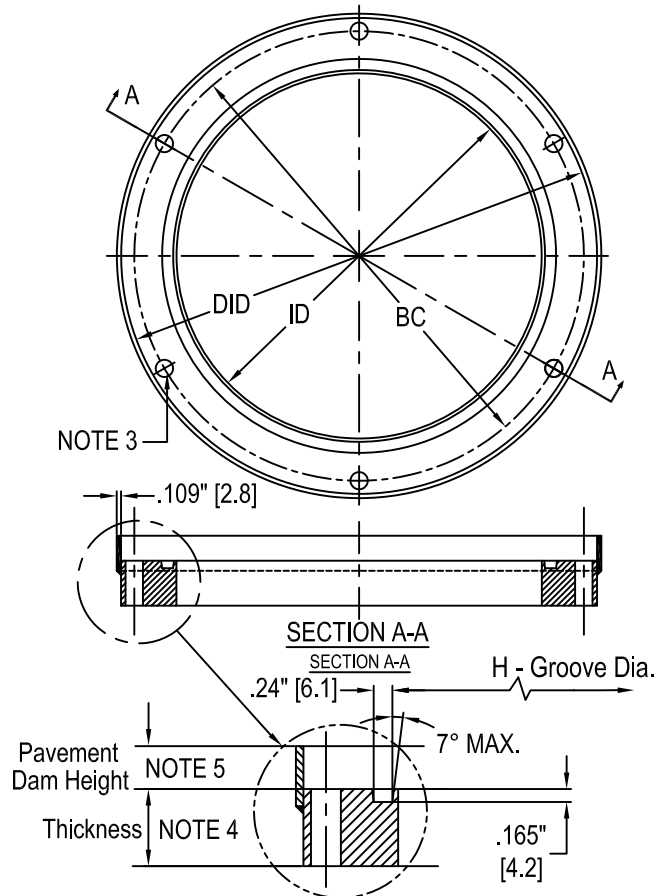
* SEE NOTE 4

L-868 Class 1B Flange Ring w/ Pavement Dam



L-868 Class 1B Flange Ring w/ Pavement Dam

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42
- Flange Rings with Pavement Dam made to Class 1B: are plated as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AF540212YVK)
-Also Available Are-
Flange Rings with Pavement Dam made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements -specified with an "AFS" prefix (ex. - AFS540212)
- (6) 7/16" equally spaced, thru holes
- Available from 1/4" to 2 3/16" thickness in 1/16" increments designated with the last 2 digits in product number (ex. 1/2" thick size B Flange Ring is AF540208Y)



- * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available *
- Flange rings are shipped with:
(6) 3/8"-16 x Ring Thickness + 1 1/8" Min. *
stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607) *
(1) 'O' ring gasket
8" - (N/A) *
10" - (10530791) *
12" - (10530021) *
15" - (10530274) **

	TYPE	DID	ID	BC	H
L868A 8"	AFS0802__Y	8.313"	6.5"	7.25"	6.145"
	AF0802__YVK	[211.2]	[165.1]	[184.2]	[156.1]
SEE NOTE 1 L868A 10"	AFS5102__Y	10.313"	8"	9.25"	8.145"
	AF5102__YVK	[262]	[203.2]	[235]	[206.9]
L868B 12"	AFS5402__Y	12.313"	10"	11.25"	10.145"
	AF5402__YVK	[312.8]	[254]	[285.8]	[257.7]
L868C 15"	AFS5502__Y	15.313"	13"	14.25"	13.145"
	AF5502__YVK	[384.2]	[330.2]	[362]	[333.9]
L868C 15"	AFS5702__Y	17.375"	13"	14.25"	13.145"
	AF5702__YVK	[441.3]	[330.2]	[362]	[333.9]

* SEE NOTE 5
** SEE NOTE 5

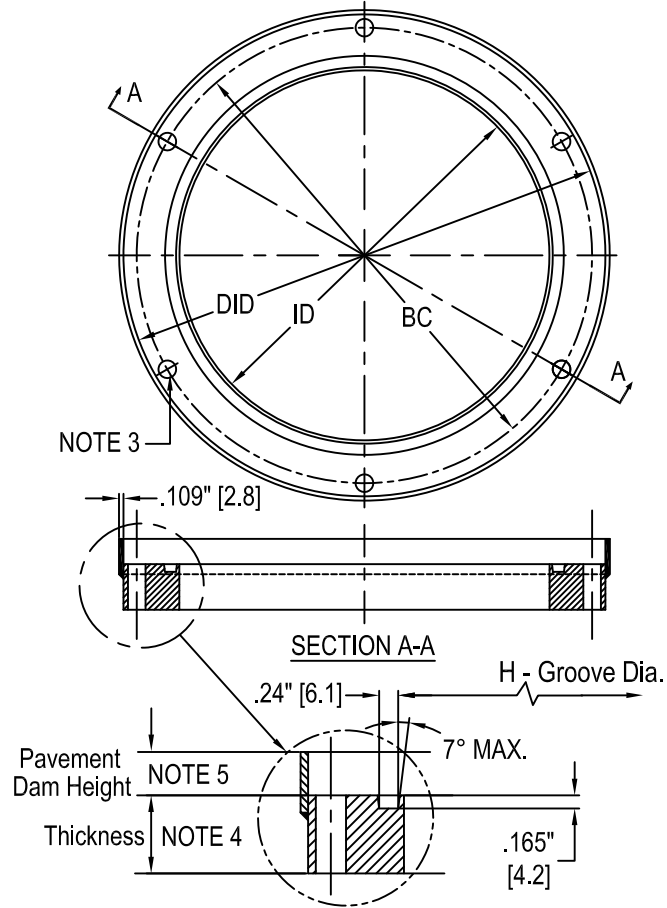
[] = dimensions in metrics; mm.

L-868 Class 1B Flange Ring w/ Pavement Dam (For Metric Hardware)



L-868 Class 1B Flange Ring w/ Pavement Dam

- Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
A=10" / AC150/5345-42
- Flange Rings with Pavement Dam made to Class 1B: are plated as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AF540212YVK)
-Also Available Are-
Flange Rings with Pavement Dam made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements -specified with an "AFS" prefix (ex. - AFS540212)
- (6) 7/16" equally spaced, thru holes
- Available from 1/4" to 2 3/16" thickness in 1/16" increments designated with the last 2 digits in product number (ex. 1/2" thick size B Flange Ring is AF540208Y)



- * 5/8" pavement dam height, standard.
** 1 1/8" pavement dam height standard.
Special height pavement dams available *
- Flange rings are shipped with:
 - (6) M10-1.5 x Ring Thickness + 1 1/8" Min.* stainless hex head cap screws
 - (6) 2 piece locking washers (JI Pt. No. 10680607) *
 - (1) 'O' ring gasket
 - 8" - (N/A)
 - 10" - (10530791)
 - 12" - (10530021)
 - 15" - (10530274)

	TYPE	DID	ID	BC	H
L868A 8"	AFS0802__YM	8.313"	6.5"	7.25"	6.145"
	AF0802__YMK	[211.2]	[165.1]	[184.2]	[156.1]
SEE NOTE 1 L868A 10"	AFS5102__YM	10.313"	8"	9.25"	8.145"
	AF5102__YMK	[262]	[203.2]	[235]	[206.9]
L868B 12"	AFS5402__YM	12.313"	10"	11.25"	10.145"
	AF5402__YMK	[312.8]	[254]	[285.8]	[257.7]
L868C 15"	AFS5502__YM	15.313"	13"	14.25"	13.145"
	AF5502__YMK	[384.2]	[330.2]	[362]	[333.9]
L868C 15"	AFS5702__YM	17.375"	13"	14.25"	13.145"
	AF5702__YMK	[441.3]	[330.2]	[362]	[333.9]

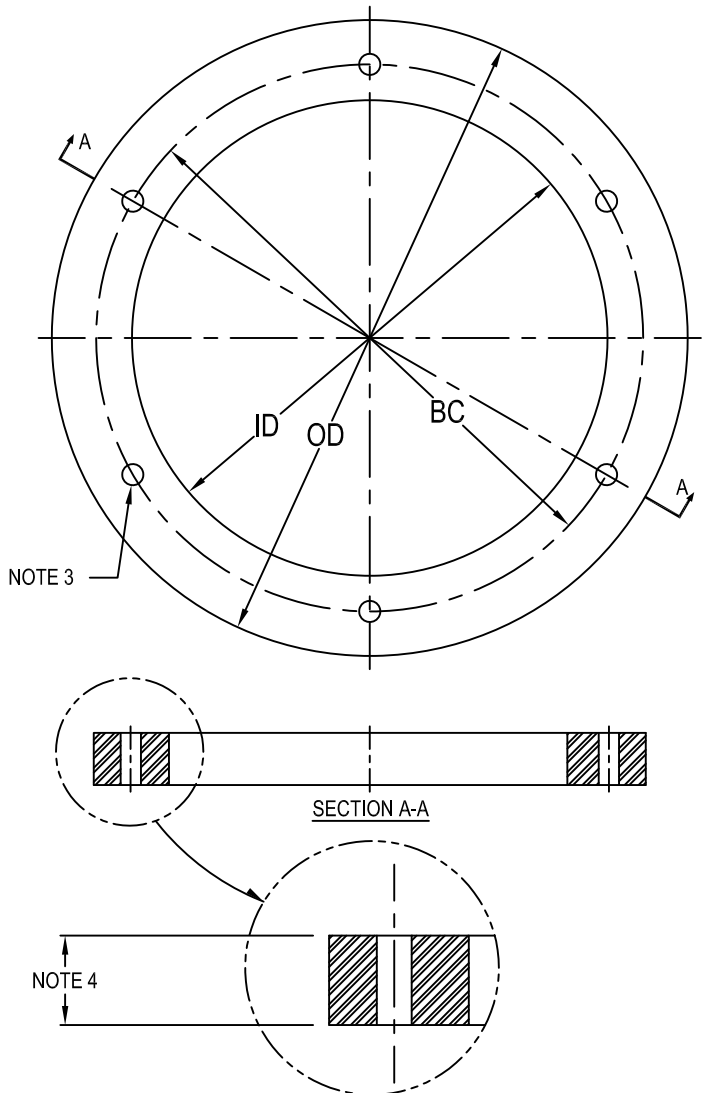
* SEE NOTE 5
** SEE NOTE 5

[] = dimensions in metrics; mm.

L-868 Class 1B Spacer Ring Bottom / Middle Sections



L-868 Size B Spacer Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=10" / AC150/5345-42, B=12", C=15"
2. Spacer Rings made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR541112VK)
-Also Available Are-
Spacer Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS541112)
3. (6) 7/16" Ø equally spaced, thru holes
4. Available in 1/16" increments
1/16" min. to 2 3/16" max.
5. Spacers above 1/4" thickness are shipped with:
(6) 3/8"-16 x (Ring Thickness + 1 1/8") Min. stainless hex head cap screws
(6) 3/8", 2 piece locking washers
(JI Pt. No. 10680607)

	TYPE	OD	ID	BC
L868A 10"	ARS5111 __	10"	6"	8.25"
	AR5111 __VK	[254]	[152.4]	[209.5]
L868B 12"	ARS5411 __	12"	9.25"	10.25"
	AR5411 __VK	[305]	[235]	[260.4]
L868C 15"	ARS5511 __	15"	12.375"	13.25"
	AR5511 __VK	[381]	[314]	[336.6]

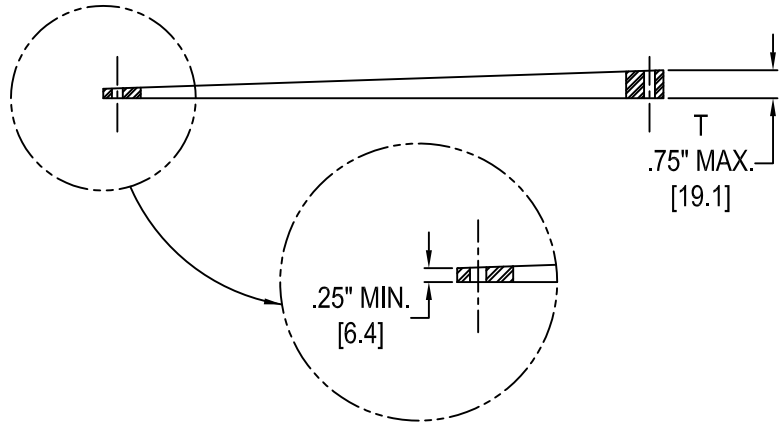
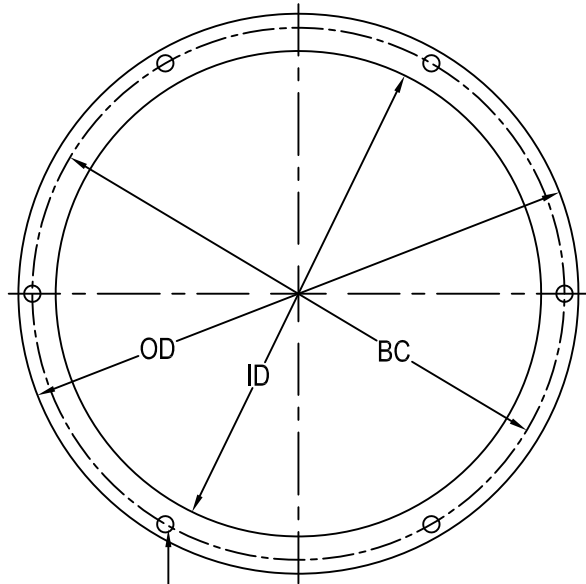
[] = dimensions in metrics; mm.

E-21h (rev 0)

L-868 Class 1B Bevel Spacer Ring



L-868 Class 1B Bevel Spacer Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868 class 1B
Size: A=8", B=12", C=15"
* A=10" / AC150/5345-42
2. Spacer Rings made to Class 1B :
Are finished as per Class 1A plus they are sealed with Vega Kote anti-corrosion barrier coating specified with a "VK" suffix on Part Number (ex.- AR5424VK)
-Also Available Are-
Spacer Rings made from 300 Series Stainless Steel which comply with Class 1B corrosion resistance requirements-specified with an "ARS" prefix (ex.- ARS5424)
3. (6) 7/16" Ø equally spaced, thru holes
4. Customer to specify thickness at high and low points and their azimuth location to the nearest bolt hole (Must specify if high & low points are aligned with holes or between holes)
5. Available in 1/16" increments
3/4" Maximum Bevel
6. Spacers are shipped with:
(6) 3/8"-16 x (Max. Ring Thickness + 1 1/8") Min. stainless hex head cap screws
(6) 3/8", 2 piece locking washers (JI Pt. No. 10680607)

TYPE	PART NO.	OD	ID	BC
SEE NOTE 1 L868A 8"	ARS0824	8"	6.5"	7.25"
	AR0824VK	[203.2]	[165.1]	[184.2]
SEE NOTE 1 L868A 10"	ARS5124	10"	8"	9.25"
	AR5124VK	[254]	[203.2]	[235]
L868B 12"	ARS5424	12"	10"	11.25"
	AR5424VK	[305]	[254]	[285.8]
L868C 15"	ARS5524	15"	13"	14.25"
	AR5524VK	[381]	[330.2]	[362]

[] = dimensions in metrics; mm.

In Pavement Adapter Style Snow Plow Ring

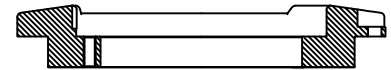
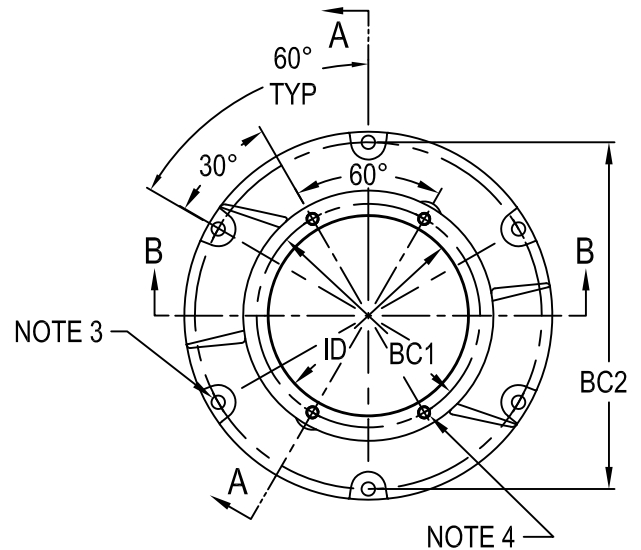


Bi-Directional Snow Plow Ring - Engineering Brief 85

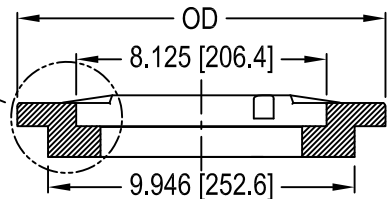
1. Material: Ductile Iron
2. Finish: Black Powder Coat
3. (6) 7/16" equally spaced, thru holes
4. (4) 3/8" - 16 threaded thru holes as shown
5. Snow Plow Ring Shipped with:
 - Bolt Packup #6106 which contains:
 - (6) 3/8"-16 x 2 1/2" stainless hex head cap screws (10650214)
 - (6) 3/8", 2 piece locking washers (10680607)
 - Bulk Packed Hardware #6151:
 - (2) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
 - (2) 3/8", 2 piece locking washers (10670607)
 - (2) 3/8"-16 stainless locating pins (6225HE)
6. Various aperture opening arrangements are available.

Designate by adding the following suffix to the Product No.

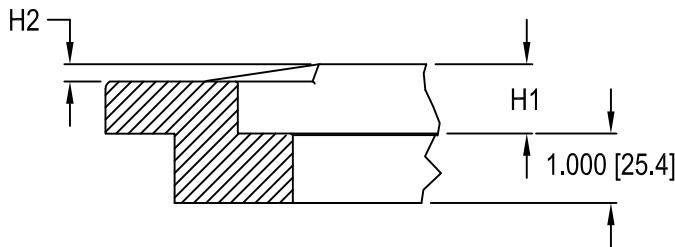
- AW5008HLED1 - SINGLE APERTURE
- AW5008HLED11 - DOUBLE APERTURE
- AW5008HLED11C - DOUBLE APERTURE FOR CURVE
- AW5008HLEDO - OMNI-DIRECTIONAL



SECTION A - A



SECTION B - B



JI PRODUCT NO.	OD	ID	BC1	BC2	H1	H2
AW5008HLED + SUFFIX	11.94"	6.47"	7.25"	11.25"	1"	.38"
8" L-868A SEE NOTE #6 STYLE 3	[303.3]	[164.3]	[184.2]	[285.8]	[25.4]	[9.5]

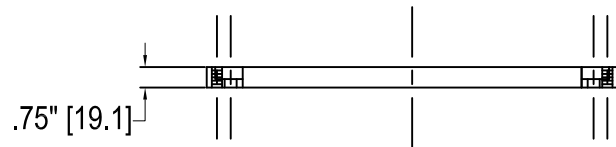
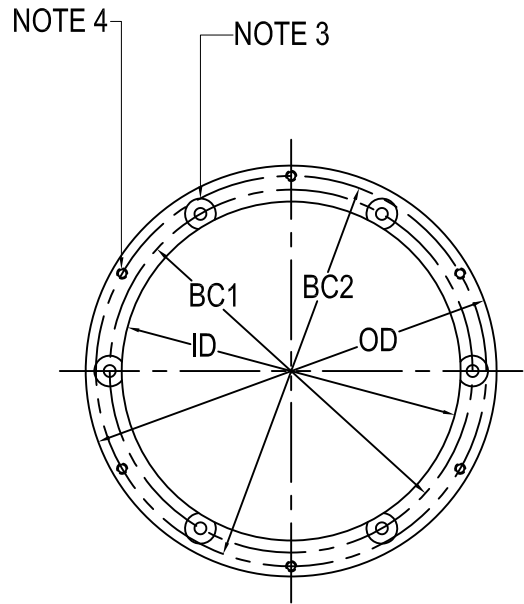
[] = dimensions in metrics; mm.

Conversion Ring for converting bolt patterns



Conversion Ring

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: B=12", C=15"
2. Conversion Ring galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 3/8" deep counter bore
4. (6) 3/8"-16 equally spaced, tapped holes
5. Conversion rings are shipped with Bolt Packup #6100:
(6) 3/8"-16 x 1" stainless hex head cap screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)



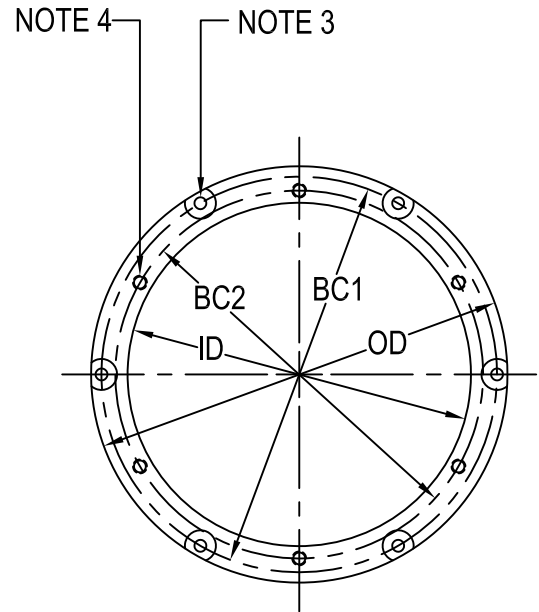
TYPE	OD	ID	BC1	BC2
AA5413	12"	9.25"	10.25"	11.25"
SIZE B	[304.8]	[235]	[260.4]	[285.8]
AA5513	15"	12.375"	13.25"	14.25"
SIZE C	[381]	[314.3]	[336.6]	[362]

[] = dimensions in metrics; mm.

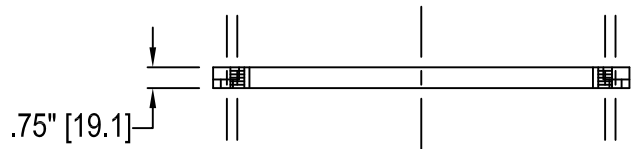
Conversion Ring for converting bolt patterns



Conversion Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: B=12", C=15"
2. Conversion Ring galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 3/8" deep counter bore
4. (6) 3/8"-16 equally spaced, tapped holes
5. Conversion rings are shipped with Bolt Packup #6100:
(6) 3/8"-16 x 1" stainless hex head cap screws (10650198)
(6) 3/8", 2 piece locking washers (10680607)



TYPE	OD	ID	BC1	BC2
AA5423	12"	9.25"	11.25"	10.25"
SIZE B	[304.8]	[235]	[285.8]	[260.4]
AA5523	15"	12.375"	14.25"	13.25"
SIZE C	[381]	[314.3]	[362]	[336.6]

[] = dimensions in metrics; mm.

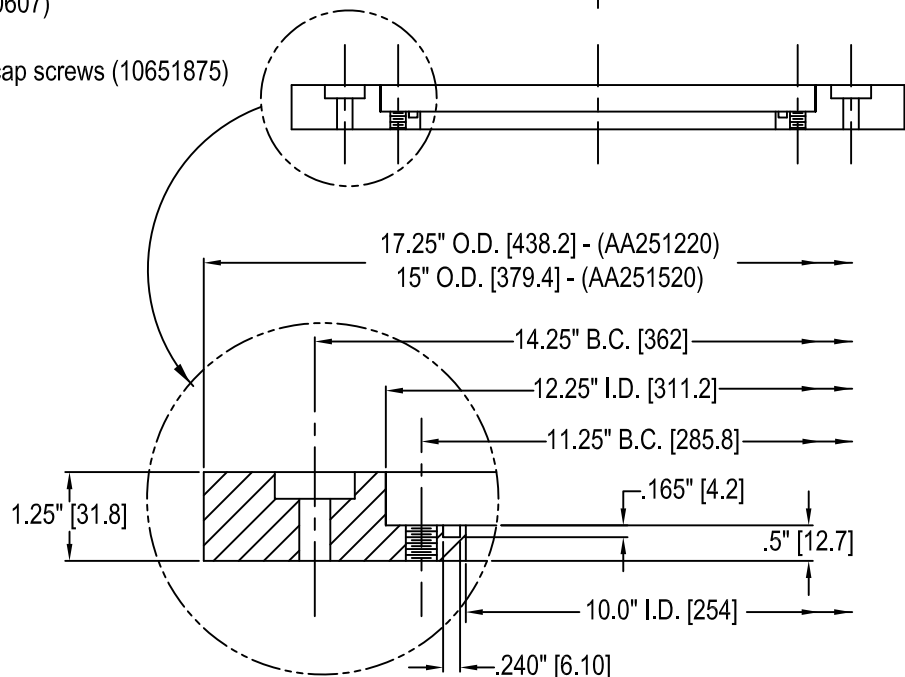
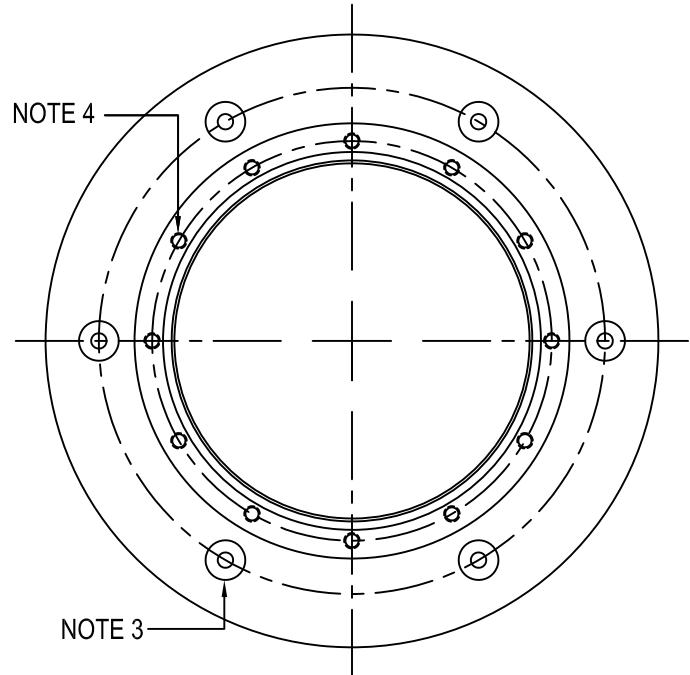
Adapter Plate

14 $\frac{1}{4}$ " B.C. to 11 $\frac{1}{4}$ " B.C.
17 $\frac{1}{4}$ " O.D. - (AA251220)
15" O.D. - (AA251520)



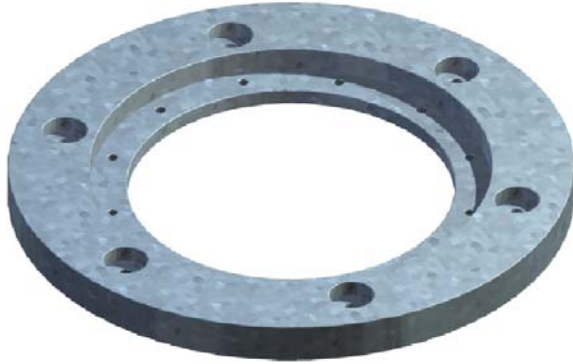
Adapter Plate

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
2. Adapter Plates are zinc plated with O. D. wash
3. (6) 7/16" equally spaced, thru holes with 1 1/8" \varnothing x 3/8" deep counter bore
 (2) 1/2"-13 tapped holes 180° apart.
4. (12) 3/8"-16 equally spaced, tapped holes
5. Adapter Plates are shipped with:
 - (1) "O" ring gasket (10530021)
 - Bolt packup #6101 which contains:
 - (6) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
 - (6) 3/8", 2 piece locking washers (10680607)
 - Bolt packup #6114 which contains:
 - (6) 3/8"-16 x 1 1/2" stainless hex head cap screws (10651875)



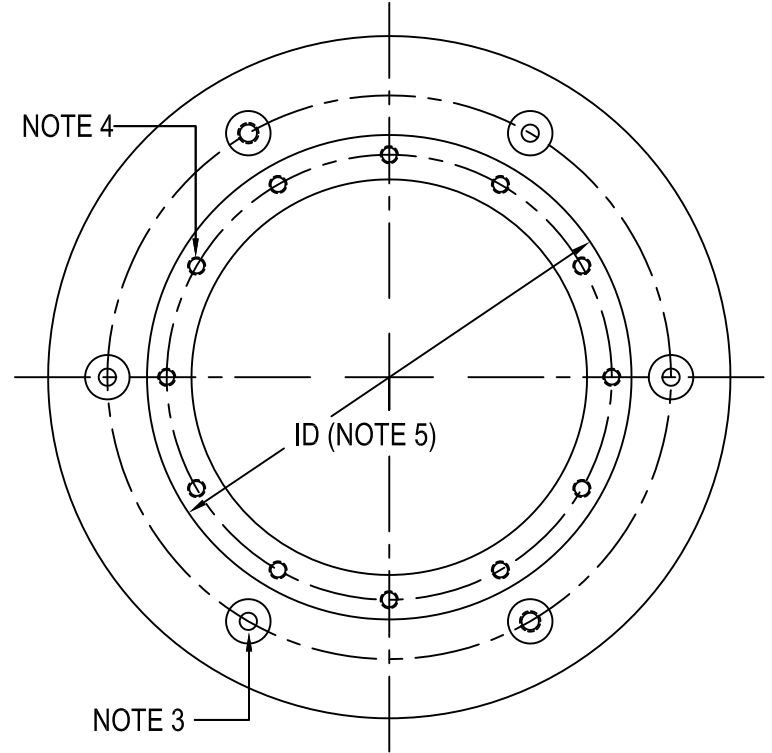
[] = dimensions in metrics; mm.

Adapter Plate Type B - Modified AA251220CDE AA251220EXT

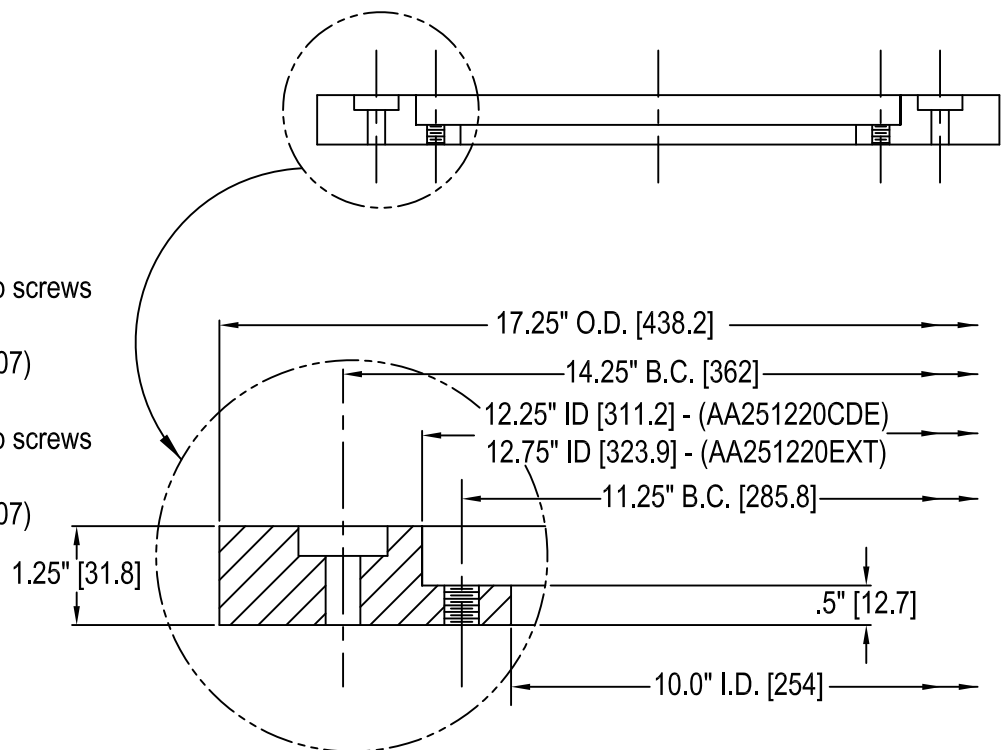


AA2512-20 CDE Adapter Plate

1. Manufactured in accordance to FAA Advisory Circular AC150/5345-42 (Current Revision) and FAA E-1315 specification.
2. Adapter Plates are galvanized to ASTM-A123/A123M-02
3. (6) 7/16" \varnothing equally spaced, thru holes with 1 3/8" \varnothing x 1/2" deep counter bore
(2) 1/2"-13 tapped holes 180° apart.
4. (12) 3/8"-16 equally spaced, tapped holes
5. -CDE has 12 1/4" ID
-EXT has 12 3/4" ID



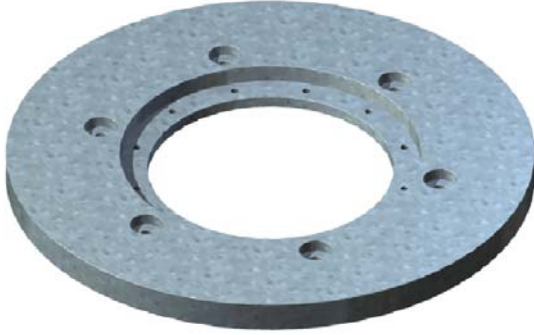
6. Adapter Plates are shipped with:
Bolt packup #6101 which contains:
(6) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
(6) 3/8", 2 piece locking washers (10680607)
Bolt packup #6102 which contains:
(6) 3/8"-16 x 1 1/2" stainless hex head cap screws (10650205)
(6) 3/8", 2 piece locking washers (10680607)



[] = dimensions in metrics; mm.

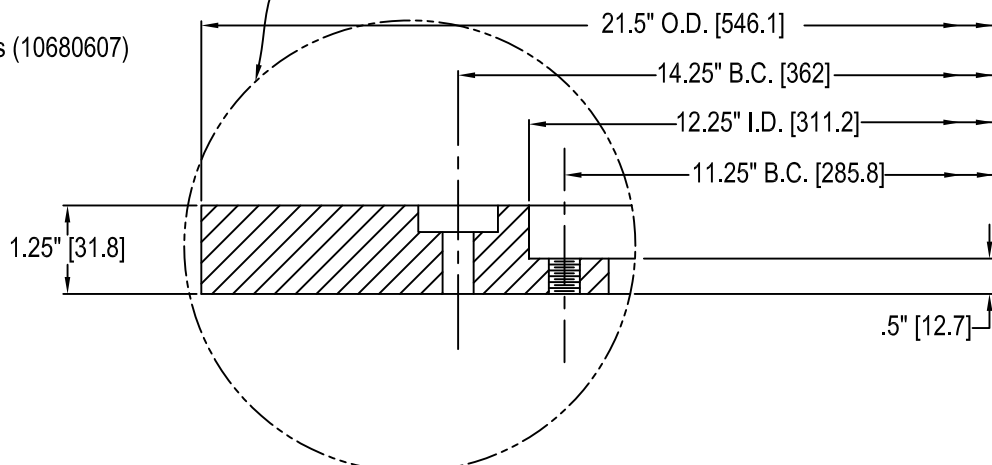
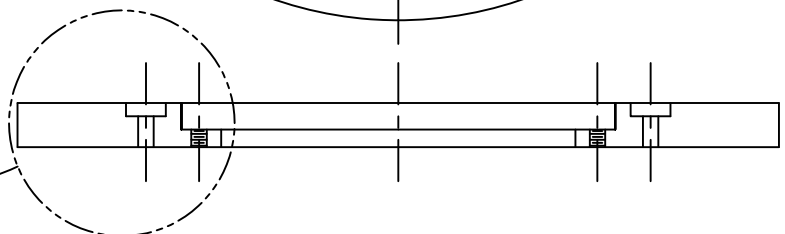
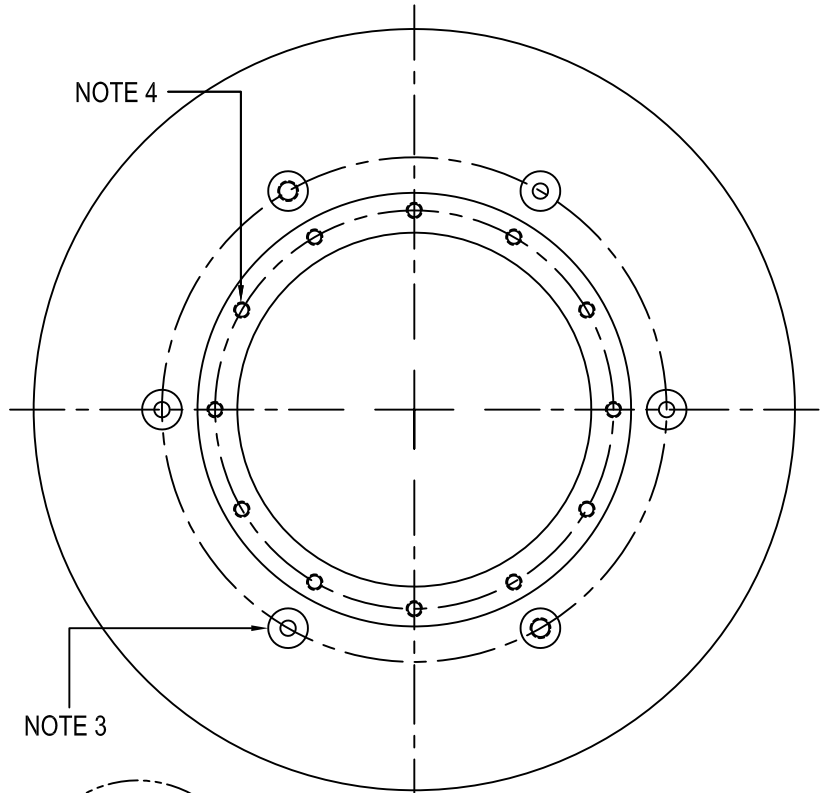
Adapter Plate Type B

Modified for Replacement of FAA E-2491 Light



AA2512-20 CDEX Adapter Plate

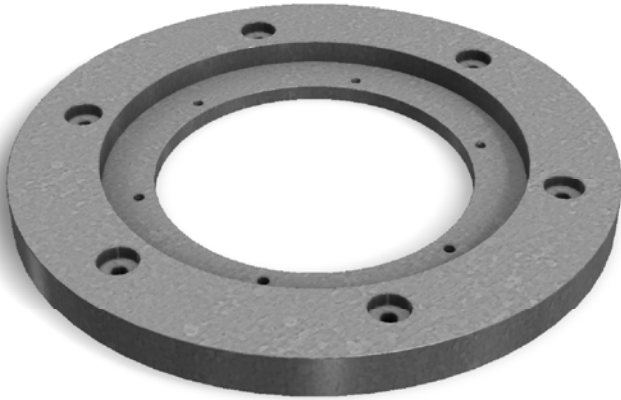
1. Manufactured in accordance to FAA-E-1315A specifications (Modified)
2. Adapter Plates are galvanized to ASTM-A123/A123M-02
3. (4) 9/16" equally spaced, thru holes & (2) 5/8"-11, tapped holes 180° apart with 1 3/8" Ø x 1/2" deep counter bore
4. (12) 3/8"-16 equally spaced, tapped holes
5. Adapter Plates are shipped with:
Bolt packup #6101 which contains:
(6) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
(6) 3/8", 2 piece locking washers (10680607)
Bolt packup #6102 which contains:
(6) 3/8"-16 x 1 1/2" stainless hex head cap screws (10650205)
(6) 3/8", 2 piece locking washers (10680607)
6. Use only with LB4A



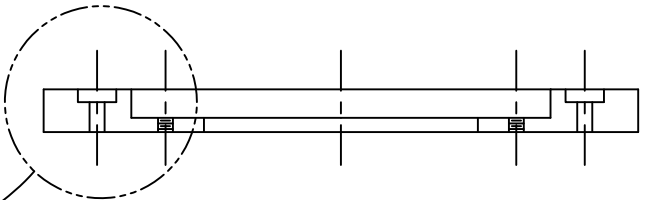
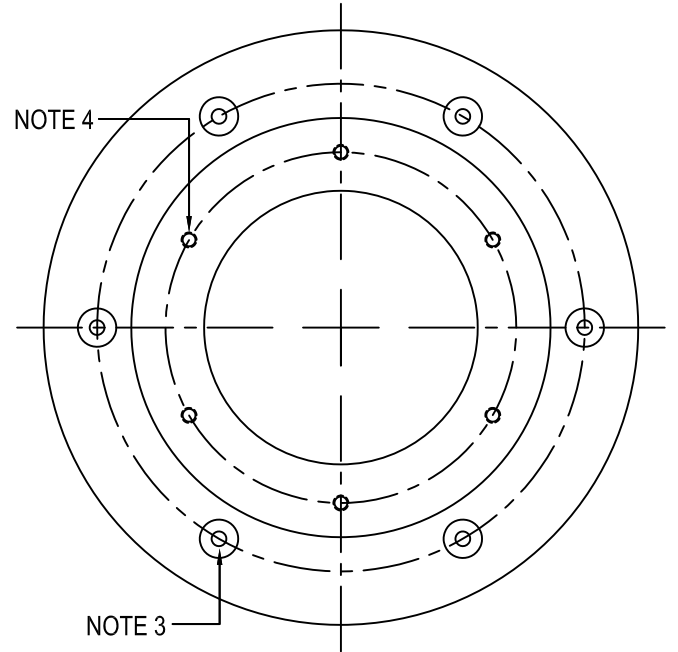
[] = dimensions in metrics; mm.

Adapter Plate

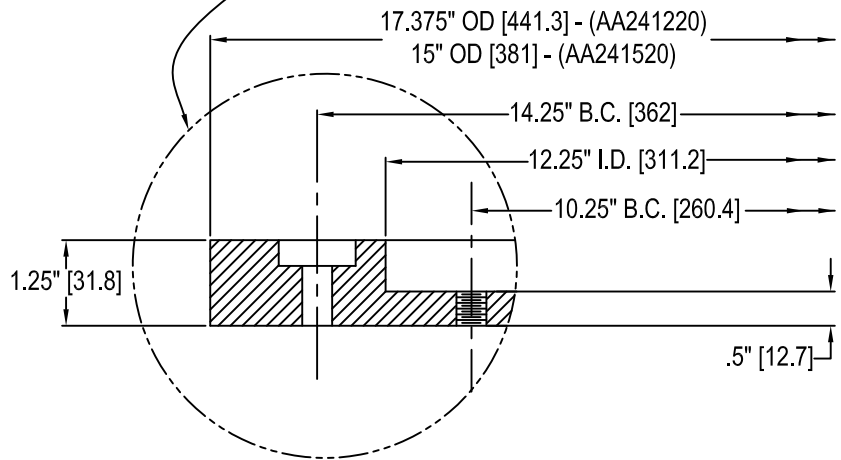
14 1/4" B.C. to 10 1/4" B.C.
 17 3/8" O.D. - (AA241220)
 15" O.D. - (AA241520)



AA2412-20 Adapter Plate



1. Manufactured in accordance to FAA-E-1315A specification
2. Adapter Plates galvanized to ASTM-A123/A123M-02
3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" x 3/8" deep counter bore
 (2) 1/2"-13 tapped holes 180° apart.
4. (6) 3/8"-16 equally spaced, tapped holes
5. Adapter Plates are shipped with:
 Bolt packup #6101 which contains:
 (6) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
 (6) 3/8", 2 piece locking washers (10680607)
 Bolt packup #6102 which contains:
 (6) 3/8"-16 x 1 1/2" stainless hex head cap screws (10650205)
 (6) 3/8", 2 piece locking washers (10680607)



[] = dimensions in metrics; mm.

F-06h (rev 0)



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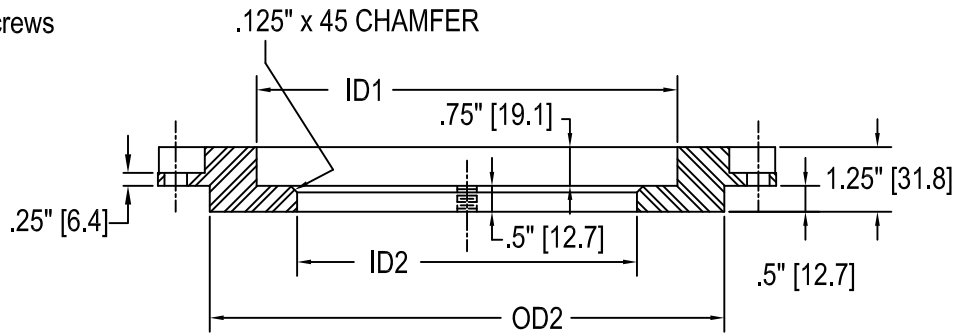
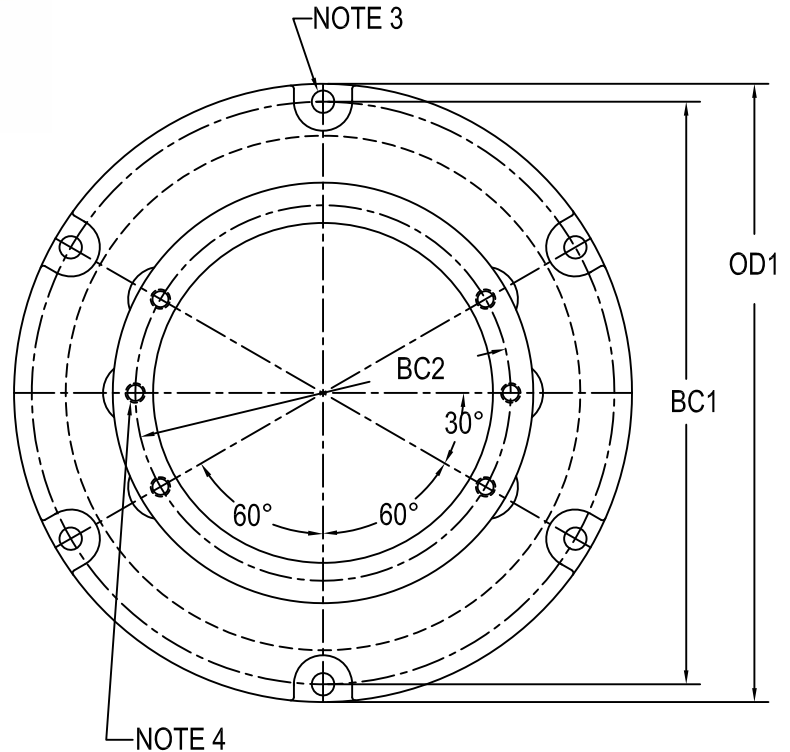
Adapter Plate

For 12" L-868 Base to 8" Inset Light METRIC



AA1228-20 Adapter Plate

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: B=12"
2. Material: Ductile Iron Casting
Finish: Powder Coated Black
3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 1/2" deep counter bore
4. (6) M10-1.5 tapped holes
5. Metric Adapter Plates are shipped with:
 - (2) M10x1.5x30mm stainless hex head cap screws (10652820)
 - (2) 2 piece locking washers (10680607)
 - (1) Bolt Set (6100M) containing:
 - (6) M10x1.5x30mm stainless hex head cap screws (10652820)
 - (6) 2 piece locking washers (10680607)



TYPE	OD1	BC1	OD2	ID1	BC2	ID2
AA122820M	11.938"	11.25"	9.938"	8.125"	7.25"	6.563"
12" L868B	[303.2]	[285.8]	[252.4]	[206.4]	[184.2]	[166.7]

[] = dimensions in metrics; mm

F-07.1h (rev 1)

Adapter Plate

For 12" L-868 Base to 8" Inset Light



AA1228-20 Adapter Plate

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: B=12"

2. Adapter Plates are galvanized to ASTM-A123/A123M-02

Cast version available -Vega Kote black

3. (6) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø x 1/2" deep counter bore

4. Standard Plate: (6) 3/8"-16 tapped holes

* Metric Plate: (6) M10-1.5 tapped holes

5. Standard Adapter Plates are shipped with:

(2) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)

(2) 3/8", 2 piece locking washers (10680607)

(1) Bolt Set (6100) containing:

(6) 3/8"-16 x 1" stainless hex head cap screws (10650198)

(6) 3/8", 2 piece locking washers (10680607)

* Metric Adapter Plates are shipped with:

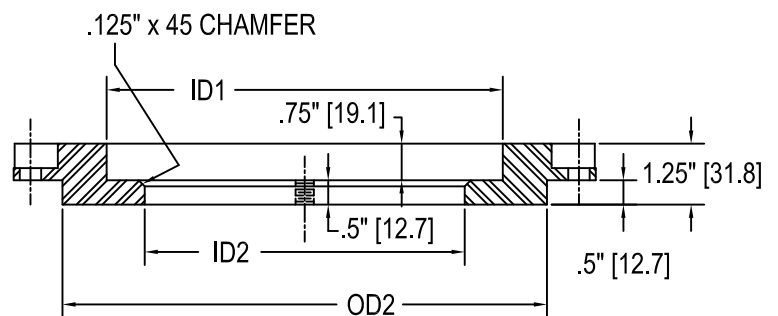
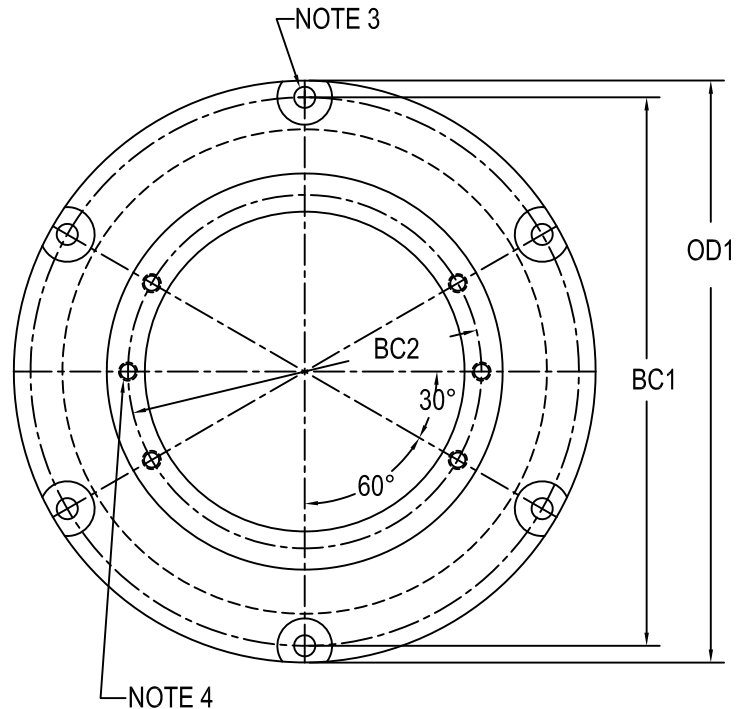
(2) M10x1.5x30mm stainless hex head cap screws (10652820)

(2) 3/8", 2 piece locking washers (10680607)

(1) Bolt Set (6100M) containing:

(6) M10x1.5x30mm stainless hex head cap screws (10652820)

(6) 3/8", 2 piece locking washers (10680607)



Add "M" to the end of the part number to note Metric Adapter Plate*

TYPE	OD1	BC1	OD2	ID1	BC2	ID2
AA122820	11.938"	11.25"	9.938"	8.125"	7.25"	6.563"
12" L868B	[303.2]	[285.8]	[252.4]	[206.4]	[184.2]	[166.7]

[] = dimensions in metrics; mm

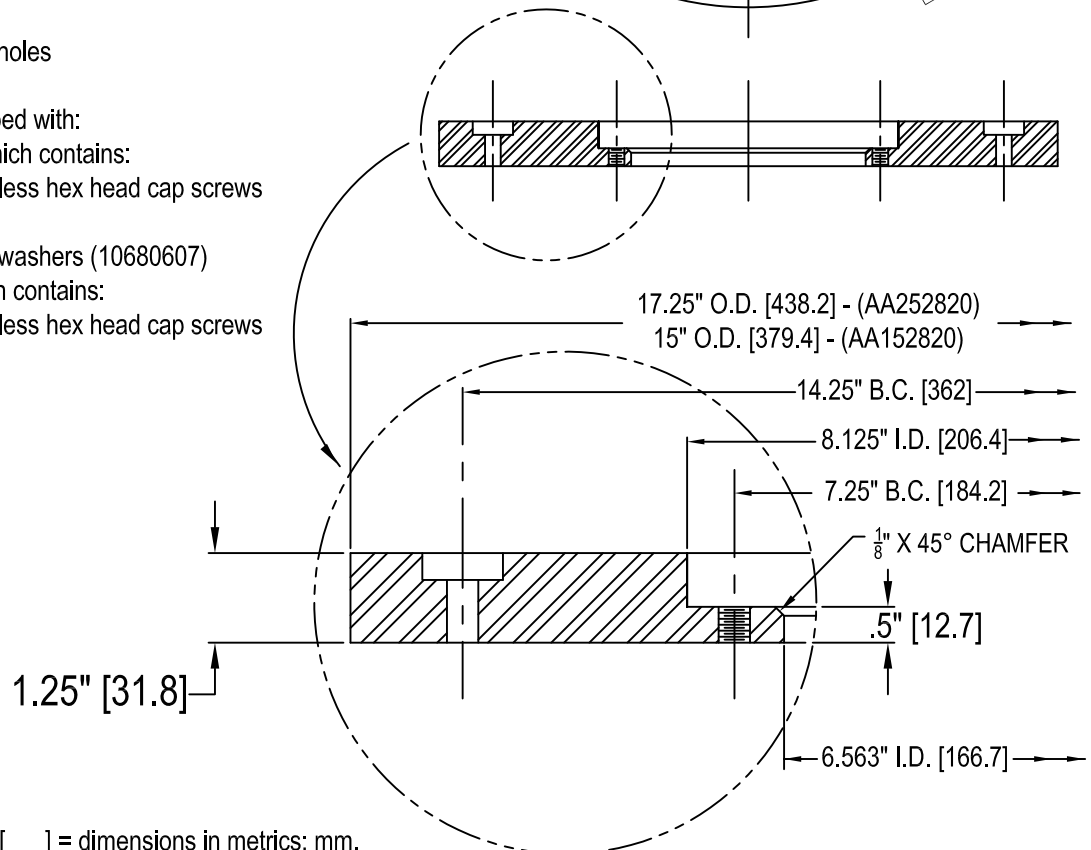
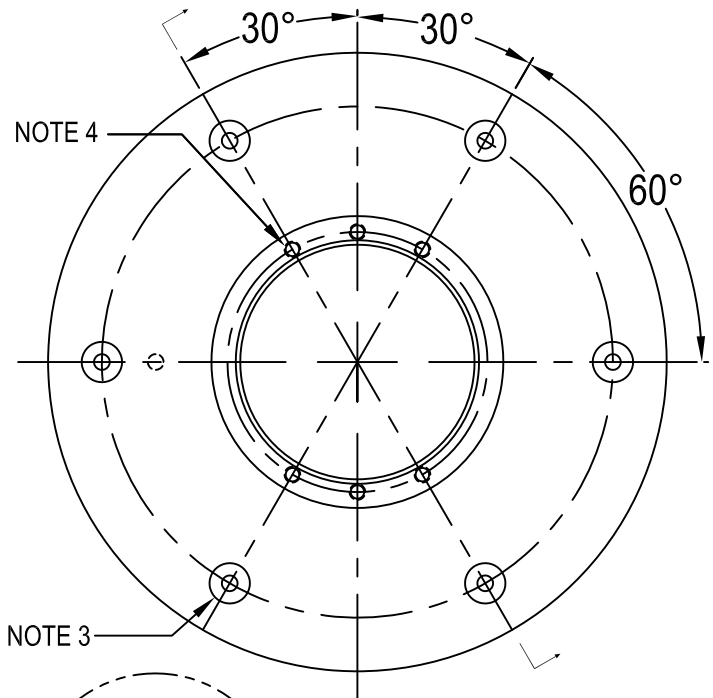
Adapter Plate

14¹/₄" B.C. to 7¹/₄" B.C.
17¹/₄" O.D. - (AA252820)
15" O.D. - (AA152820)

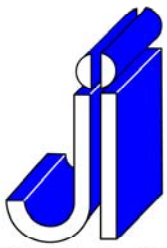


Adapter Plate

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision)
2. Material is structural Grade A36 Hot Rolled Steel
3. Adapter Plates are Hot Dip Galvanized to ASTM-A123/A123M-02
4. (6) 7/16" equally spaced, thru holes with 1 1/8" Ø x 3/8" deep counter bore
(2) 1/2"-13 tapped holes 180° apart.
5. (6) 3/8"-16 UNC tapped holes
6. Adapter Plates are shipped with:
 Bolt packup #6102 which contains:
 (6) 3/8"-16 x 1 1/2" stainless hex head cap screws (10650205)
 (6) 3/8", 2 piece locking washers (10680607)
 Bolt packup #6151 which contains:
 (2) 3/8"-16 x 1 1/2" stainless hex head cap screws (10651875)



[] = dimensions in metrics; mm.



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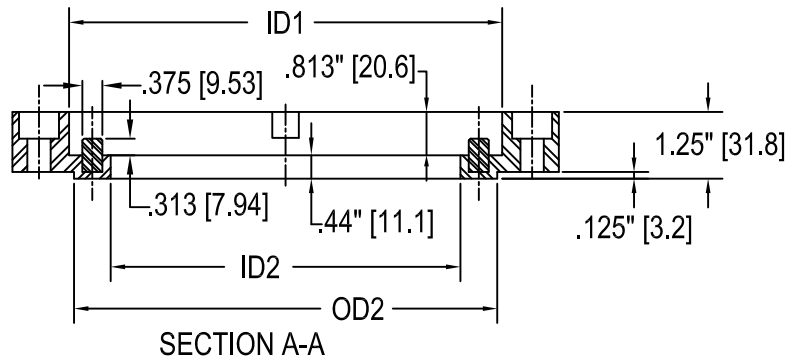
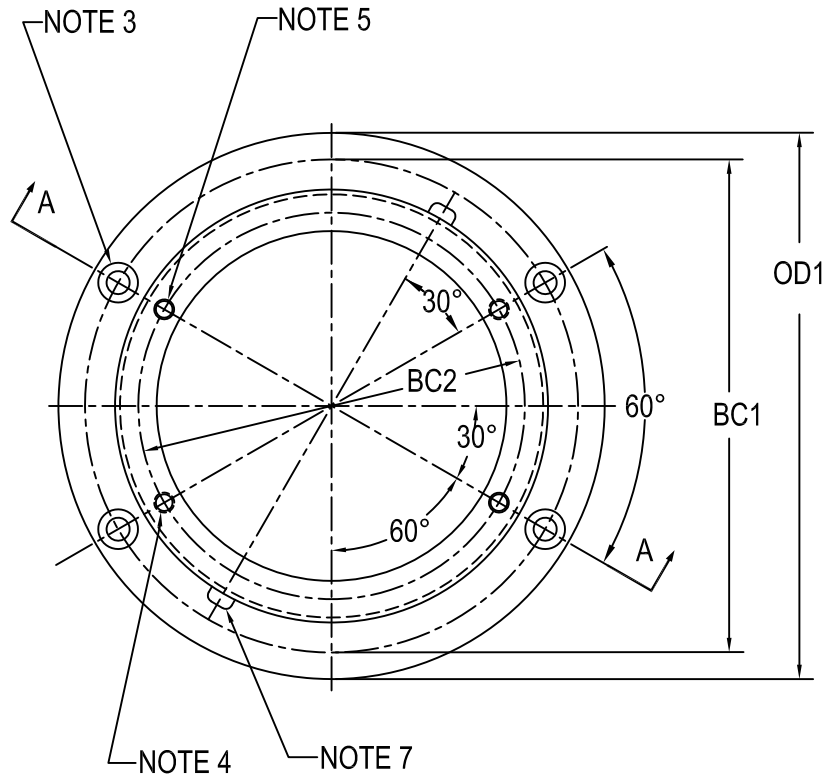
Adapter Plate

For 10" L-868 Base to 8" Inset Light



AAS102820 Adapter Ring

1. Designed to comply with FAA Advisory Circular AC150/5345-42 (Current Revision)
Size: A=10"
2. These Adapter Plates are made from Type 304 Stainless Steel
3. (4) 7/16" Ø thru holes with 3/4" Ø x 1/2" deep counterbores.
4. (2) 3/8"-16 UNC tapped holes located 180° apart (metric threads available)
5. (2) 3/8" dia. x 5/16" Protrusion SS Pins 180° apart
6. (2) machined notches for ease of fixture extraction.
7. These Adapter Plates are shipped with:
 - (2) 3/8"-16 x 1 1/4" stainless hex head cap screws (10650202)
 - (4) 3/8"-16 x 2" stainless hex head cap screws (10672040)
 - (6) 3/8", 2 piece locking washers (10680607)



Add "M" to the end of the part number to note Metric Adapter Plate*

TYPE	OD1	BC1	OD2	ID1	BC2	ID2
AAS102820	10.250"	9.25"	7.938"	8.145"	7.25"	6.540"
10" L868A	[260.3]	[234.9]	[201.6]	[206.9]	[184.2]	[166.1]

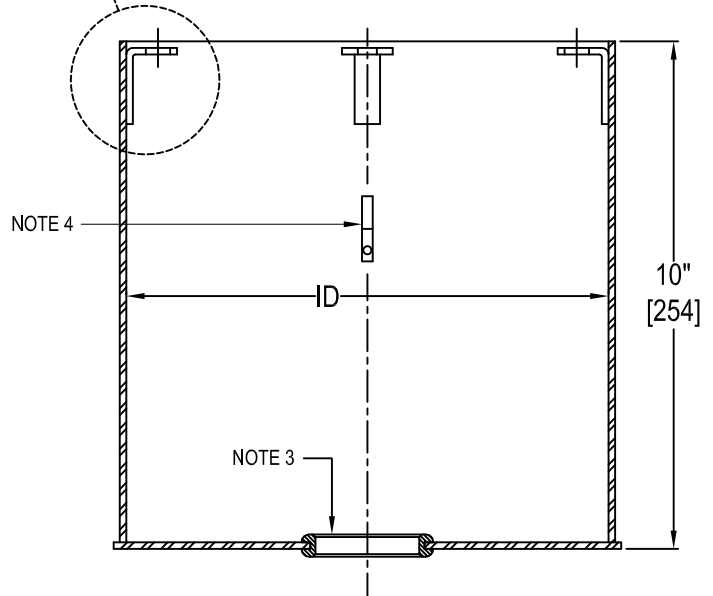
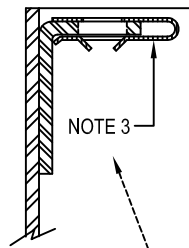
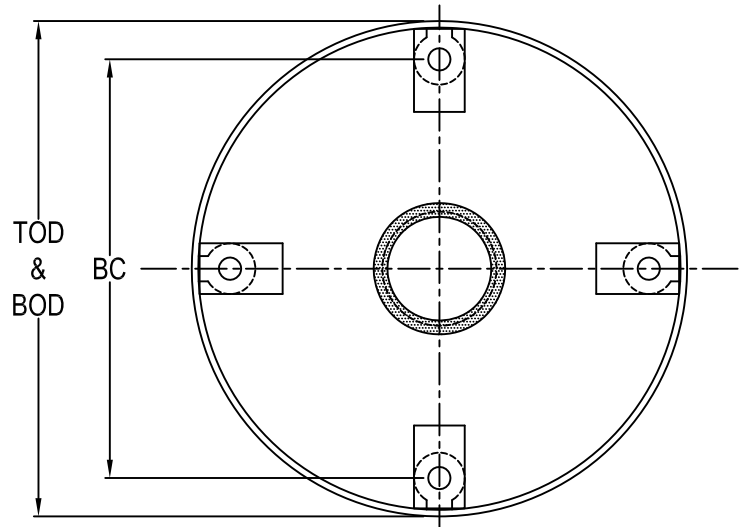
[] = dimensions in metrics; mm

F-09h (rev 0)

G.A. Style Light Base



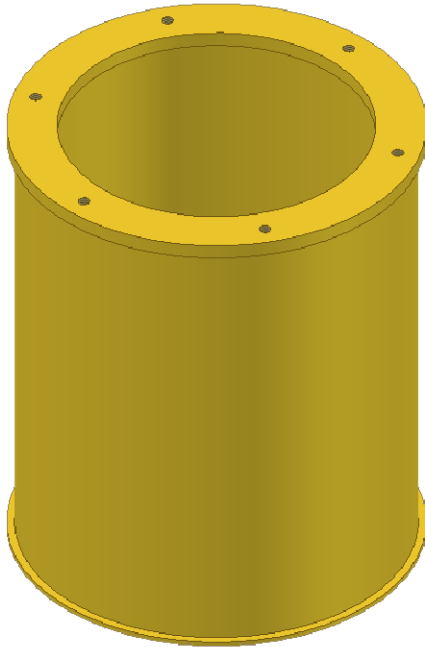
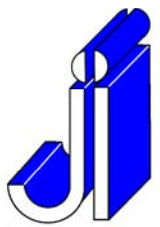
G.A. Style Light Base



1. Manufactured in accordance to G.A. Guidelines
2. Finish: Yellow Aviation Powder Coat
3. Supplied with:
 - (1) 1 1/2" Solid Flex Connex (10531172)
 - (4) 5/16" Tinnerman Nuts (30680439)
 Flex Connex Grommet is shipped separately
4. Ground Straps are available:
Internal, External, or Both
5. Tops Available:
 - 1) -M = 6133
 - 2) -VA = 6015
 - 3) -LA = 6133 with
 - (2) 2" Flex Connex Grommets @ 0° - 180° plus Internal and External Ground Straps

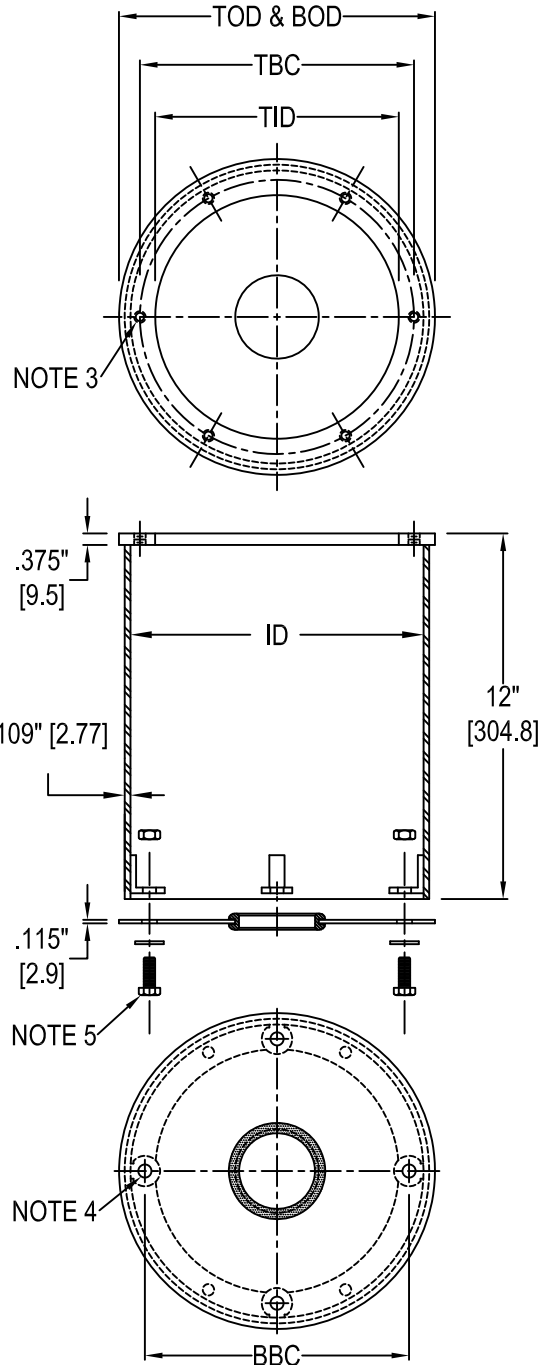
TYPE	ID	TOD & BOD	BC
AW9169	9.5"	10"	8.25"
	[241.3]	[254]	[209.6]

[] = dimensions in metrics; mm



G.A. Style Light Base

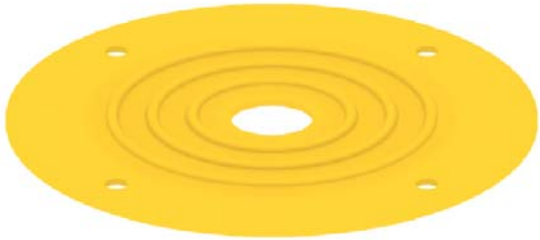
1. Manufactured in accordance G.A. Guidelines
2. Finish: Yellow Aviation Powder Coat
3. (6) 3/8"-16 equally spaced, tapped holes
4. (4) 1/2"Ø equally spaced, thru holes
5. Bottom disc assembled with:
 - (4) 3/8"-16 x 1" stainless hex head cap screws (10650198)
 - (4) 3/8"-16 SS Hex Nuts (10680719)
 - (4) 3/8" Flat Washers (20681034)
6. Shipped with:
 - (1) 2" Solid Flex Connex (10531105)
 - (4) 3/8"-16 x 1" stainless hex head cap screws (10650198)
 - (4) 3/8", 2 piece locking washers (10680607)
 - Flex Connex Grommet are shipped separately
7. Other options: Contact Factory



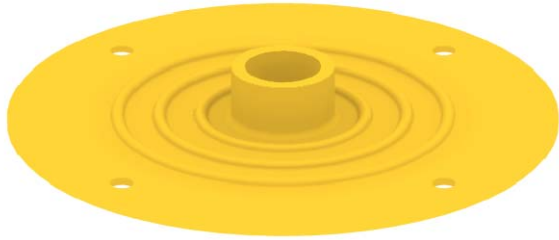
TYPE	ID	TOD & BOD	TID	TBC	BBC
AW9170	9.75"	10.375"	7.875"	9.25"	8.25"
	[247.7]	[263.5]	[200]	[235]	[209.6]

[] = dimensions in metrics; mm

G.A. Style Base Plate

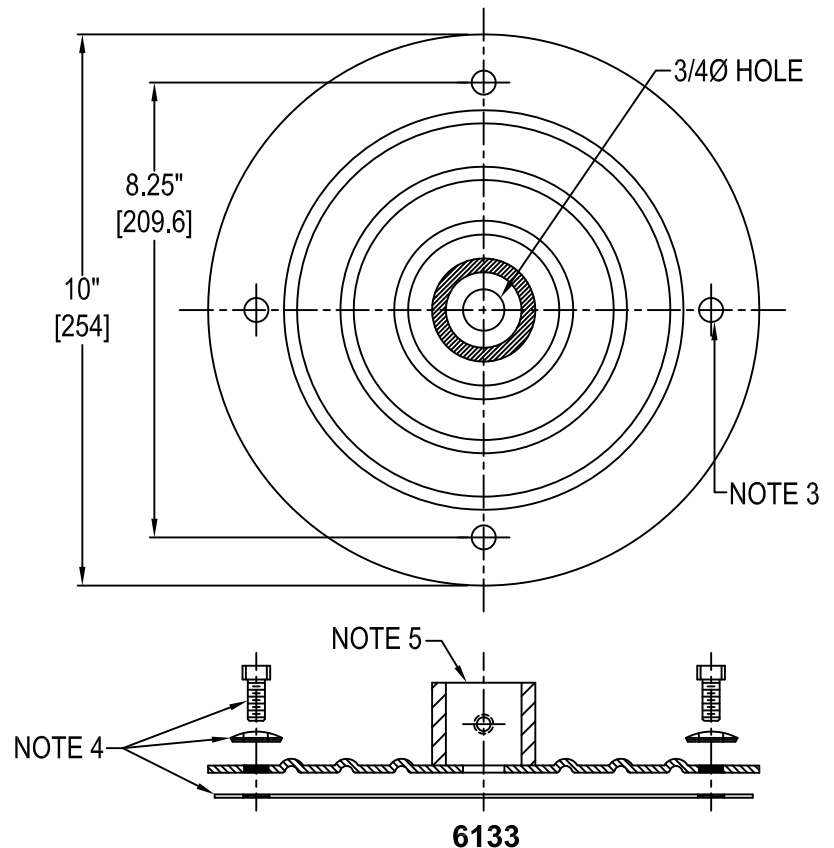
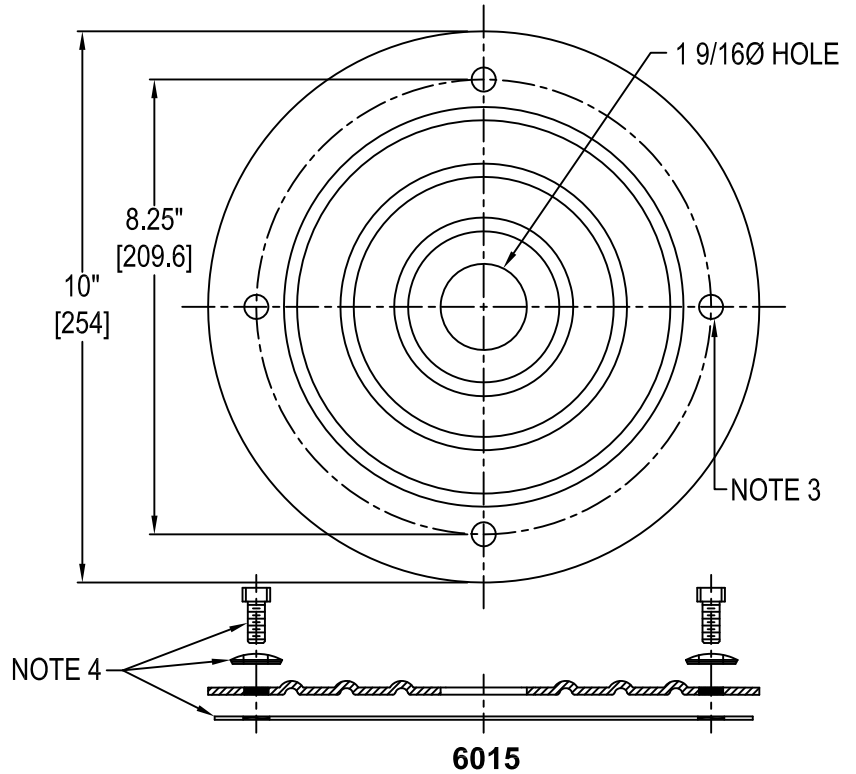


6015



6133

G.A. Style Base Plate



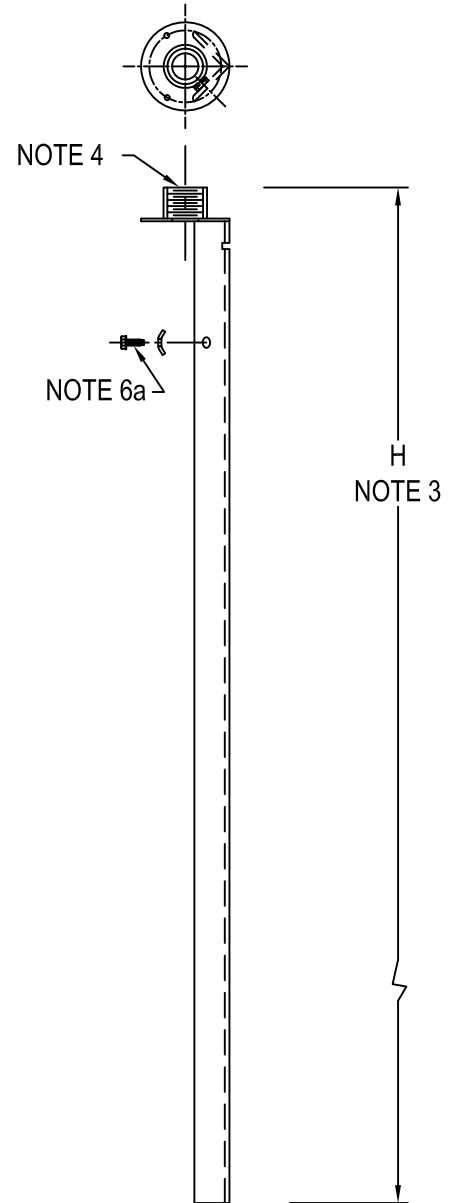
1. Manufactured in accordance to G.A. Guidelines
2. Finish: Yellow Aviation Powder Coat.
3. (4) 7/16" Ø equally spaced, thru holes
4. Supplied with:
 - (1) Poly Gasket (10531594)
 - (4) 5/16"-18 Hex Head Bolts x 3/4" Long (10640193)
 - (4) 5/16" Seal Washers (10681998)
5. Coupling: 1 7/8" OD x 1 3/8" ID (6134)

[] = dimensions in metrics; mm.

Mounting Stake L-895

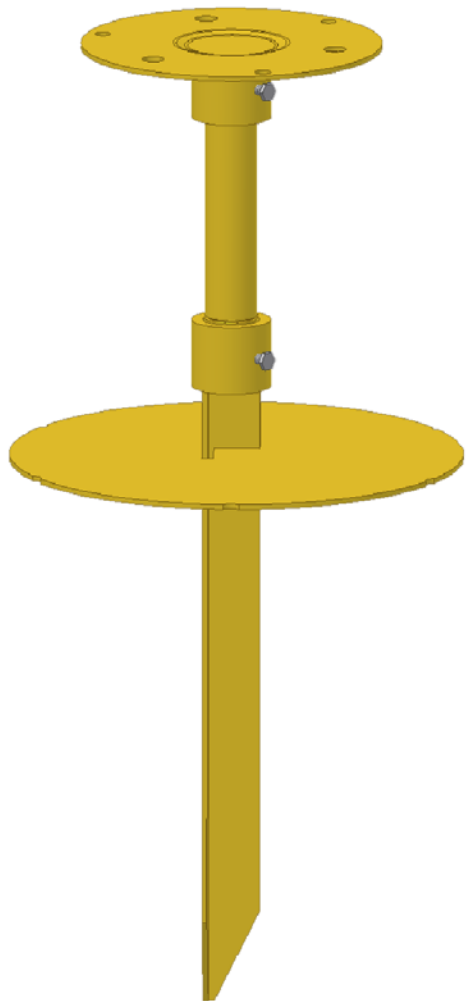


L-895 Mounting Stake (AW2202 shown)



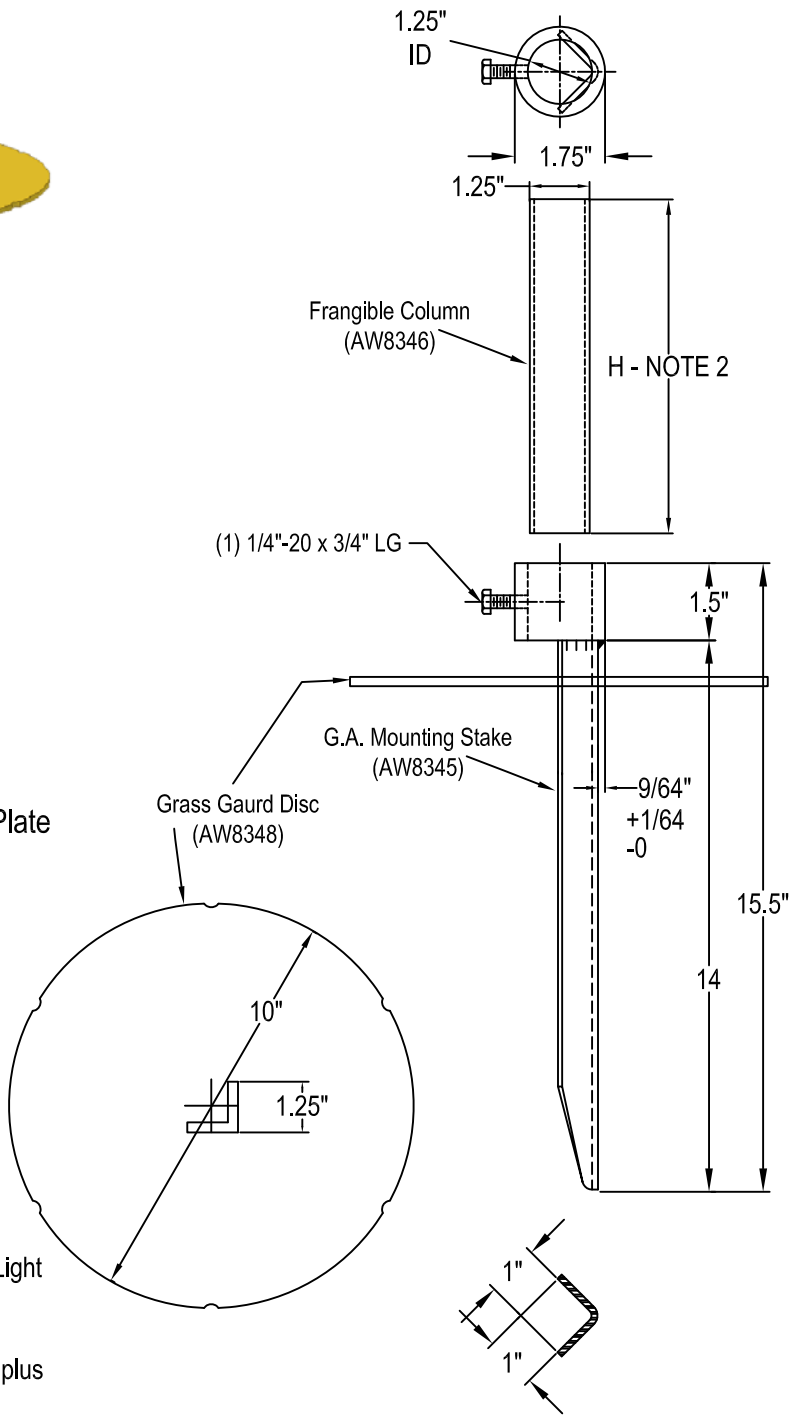
1. Approved and Certified to FAA Advisory Circular AC-150/5345-42 (Current Revision) L895 Class 1
2. Mounting stakes are galvanized to ASTM-A123/A123M-02
3. Stakes are offered in (3) size lengths:
 AW220_30 (30 inch length)
 AW220_36 (36 inch length)
 AW220_60 (60 inch length)
4. Threads are clean and uncoated, thread sizes are designated as such:
 2 = denotes 2"-11½ NPS (e.g. AW2202)
 5 = denotes 1½-12 UNF (e.g. AW2205)
 for 2" BSP threads, use BSG suffix (e.g. AW2202BSG)
5. Ships with:
 Hardware packup (6119) which contains:
 (1) 2 hole cable clamp (8094)
 (2) #10-24 x 1¾" SS machine screws (1066-1012)
6. Optional:
 a. (1) Ground clip AW0923 (see page I-09) with
 (1) 1/4"-20 x 1" self tapping screw (1064-5064)

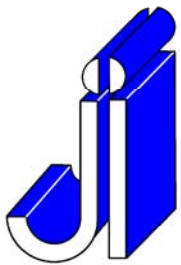
G.A. Mounting Stake & Accessories



AW1601 Ground Stake
 w/ CARMANAH #601 Mounting Plate

1. All Material = A-36 Steel
 Finish: Yellow Powdercoat
2. Frangible Column Height:
 AW8346 = 7" (STANDARD)
 AW8359 = 24" (OPTION)
3. AW1601 Includes the following:
 (1) AW8345 G.A. Mounting Stake
 (1) AW8346 7" Lg Frangible Column
 (1) AW8347 Mounting Plate for #601 Light
4. AW1601GG Includes the following:
 Everything Included with the AW1601 plus
 (1) AW8348 Grass Guard Disc



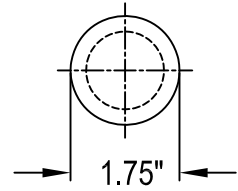


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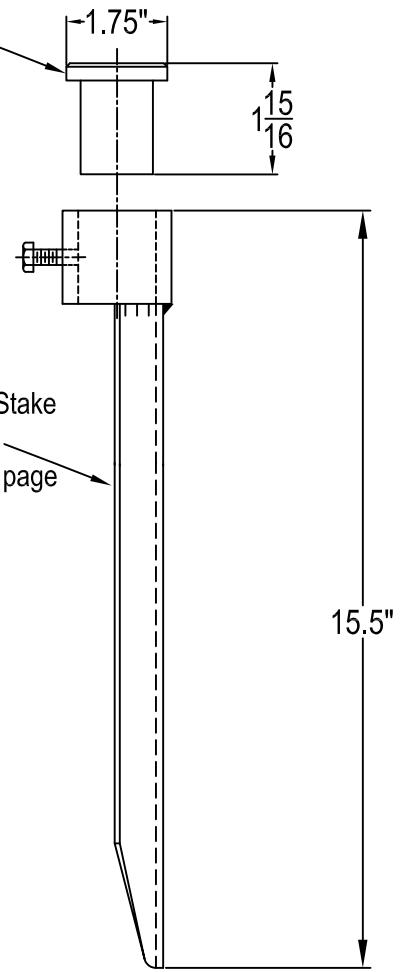
Installation Adapter



AW1699JTP

Installation Adapter
(AW1699JTP)

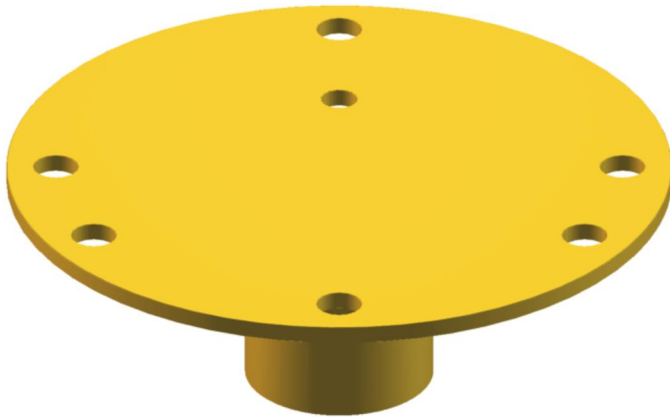
G.A. Mounting Stake
(AW8345)
For details, see page
G-05f-rev1



1. The AW1699JTP Installation Adapter prevents damage to stake interface coupling of the AW1601 as it is driven into the ground.

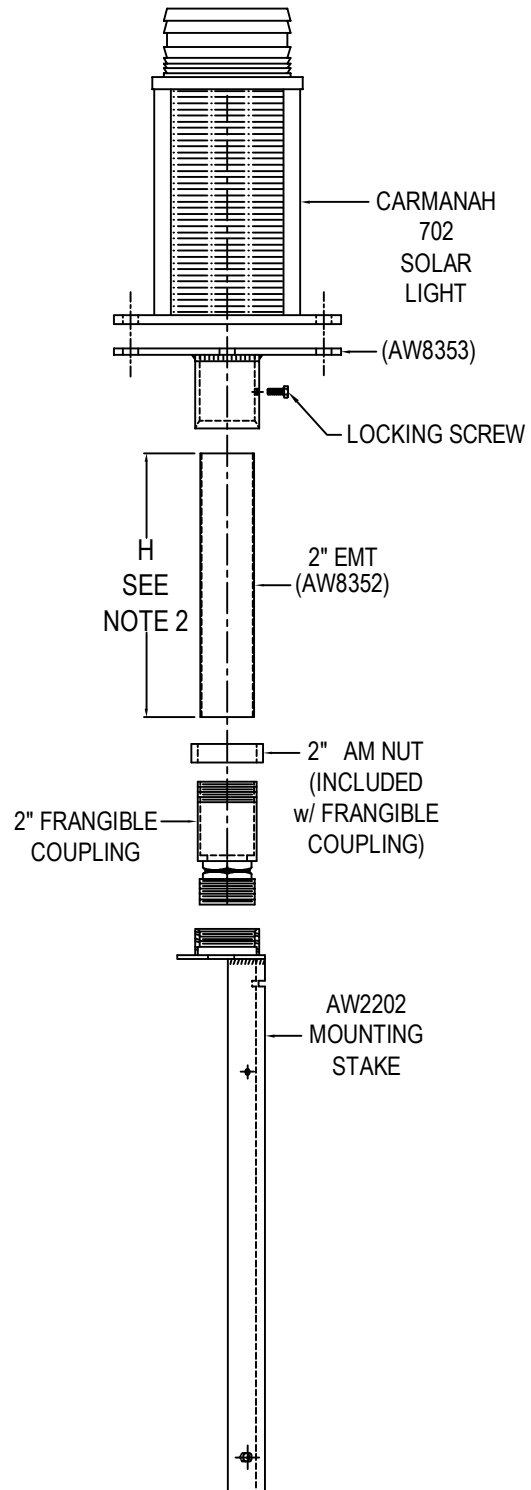
2. The AW1699JTP is reusable

Carmanah 702 Mounting System

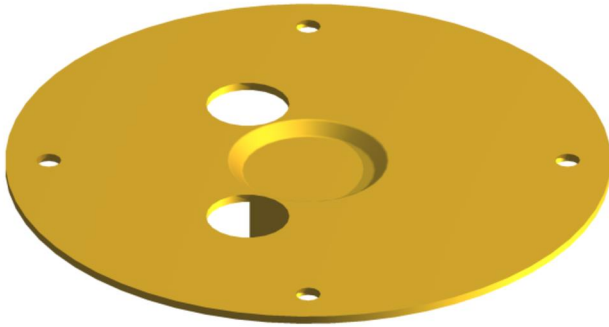


AW8353 - Carmanah 702 Mounting Plate

1. The AW8353 is designed specifically for the Installation of Carmanah s 702 solar light (Other interfaces available)
2. H Height Re uired. Standard is 10.75", other heights are available
3. Finish: Yellow Aviation Powder Coat
4. Set-up shown is with attached to a AW2202 (see page G-04h-rev0) but can be attached to various fixtures
5. Hardware to attach light is not included with AW8353



Avlite A 70 Mounting System



AW8343 - Avlite A 70 Mounting Plate

1. The AW8343 is designed specifically for the installation of Avlite s A 70 solar light
 (For other interfaces contact Jaquith Industries)

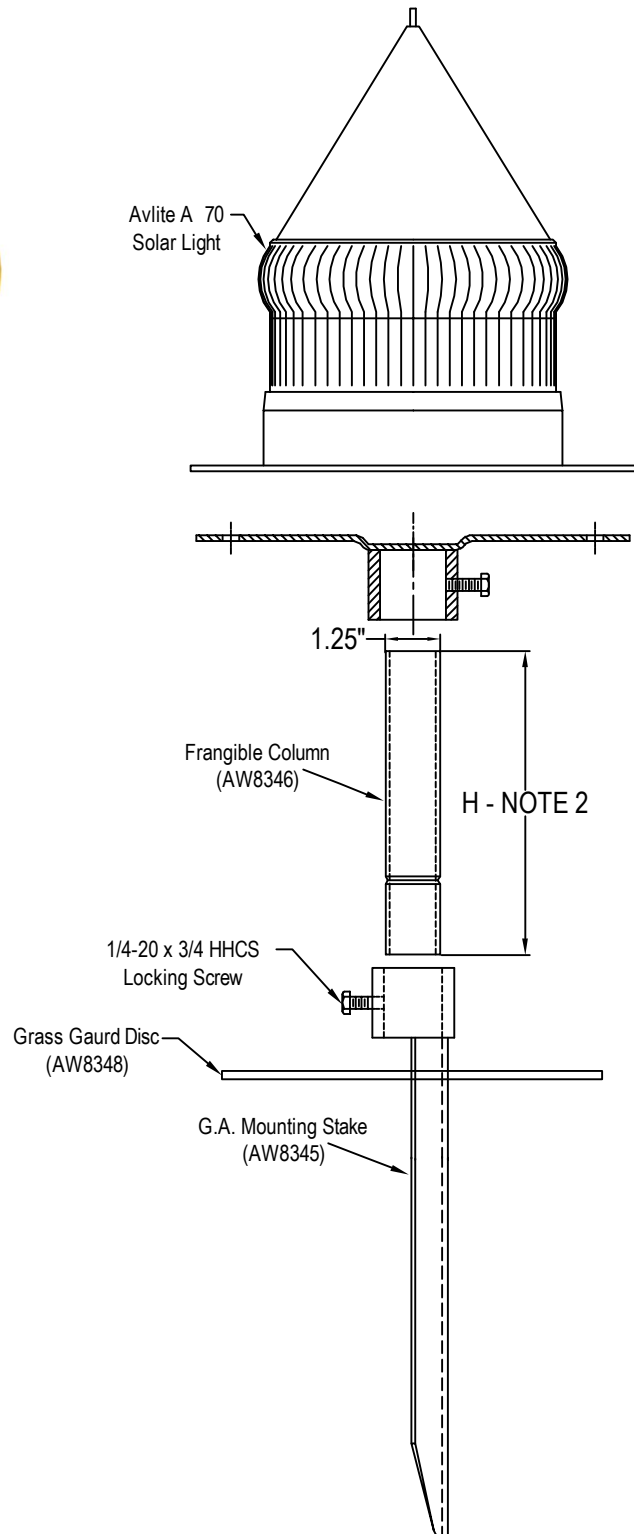
2. Frangible Column Height:

AW8346 7"

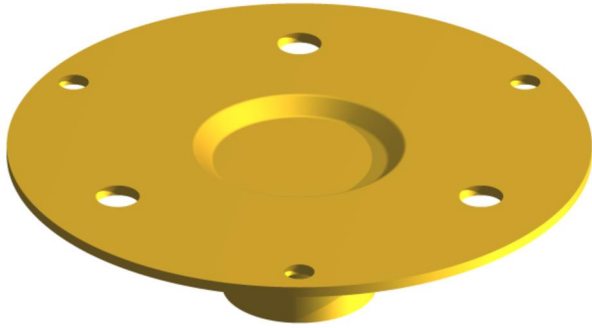
AW8359 24"

3. All Material A-36 Steel

Finish: Aviation Yellow Powdercoat

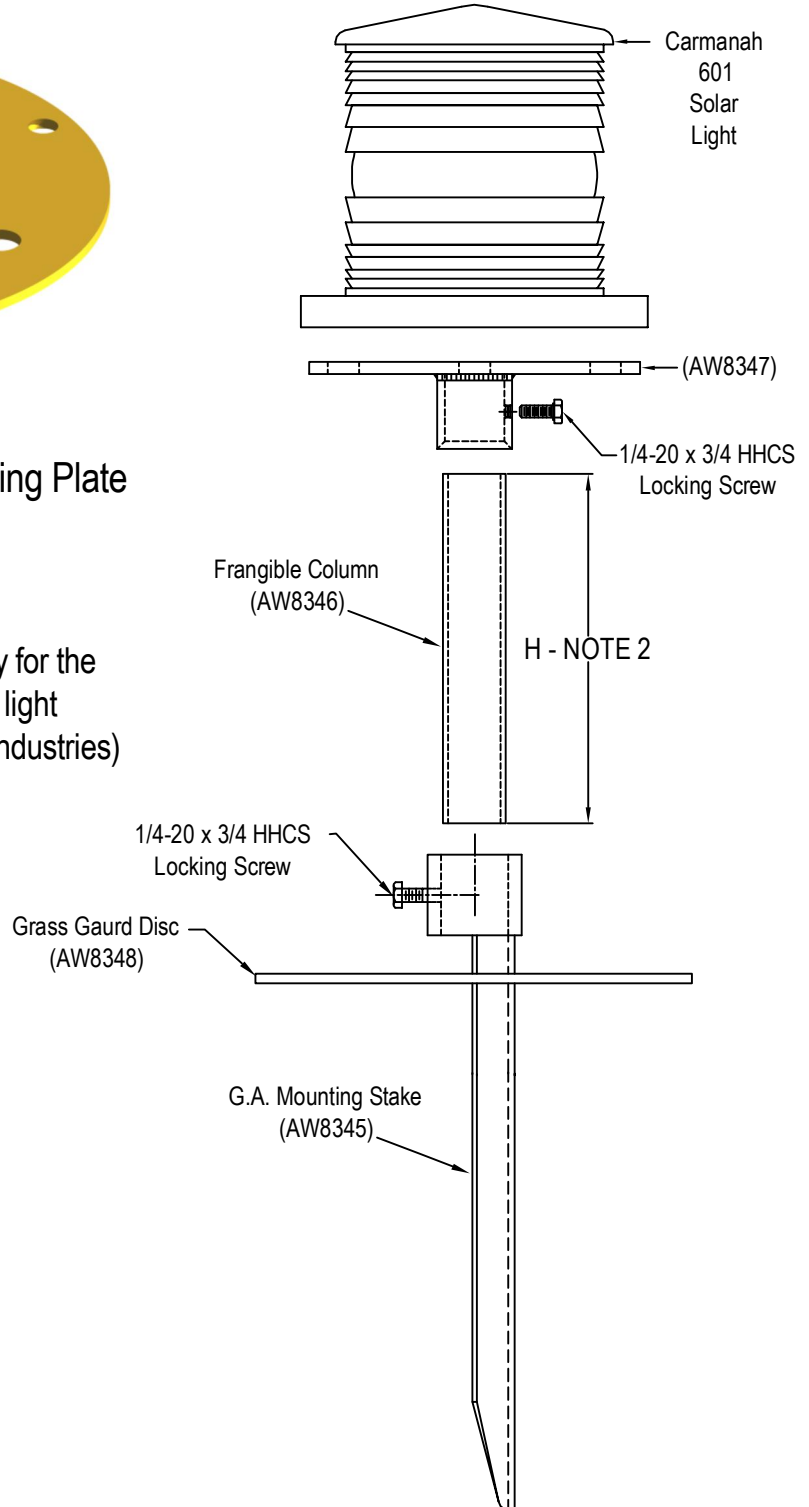


Carmanah 01 Mounting System

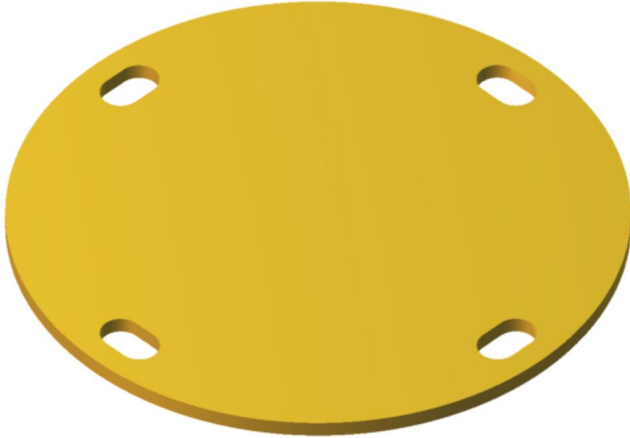


AW8347 - Carmanah 601 Mounting Plate

1. The AW8347 is designed specifically for the installation of Carmanah's 601 solar light
 (For other interfaces contact Jaquith Industries)
2. Frangible Column Height:
 AW8346 7"
 AW8359 24"
3. Material: A-36 Steel
 Finish: Aviation Yellow Powdercoat

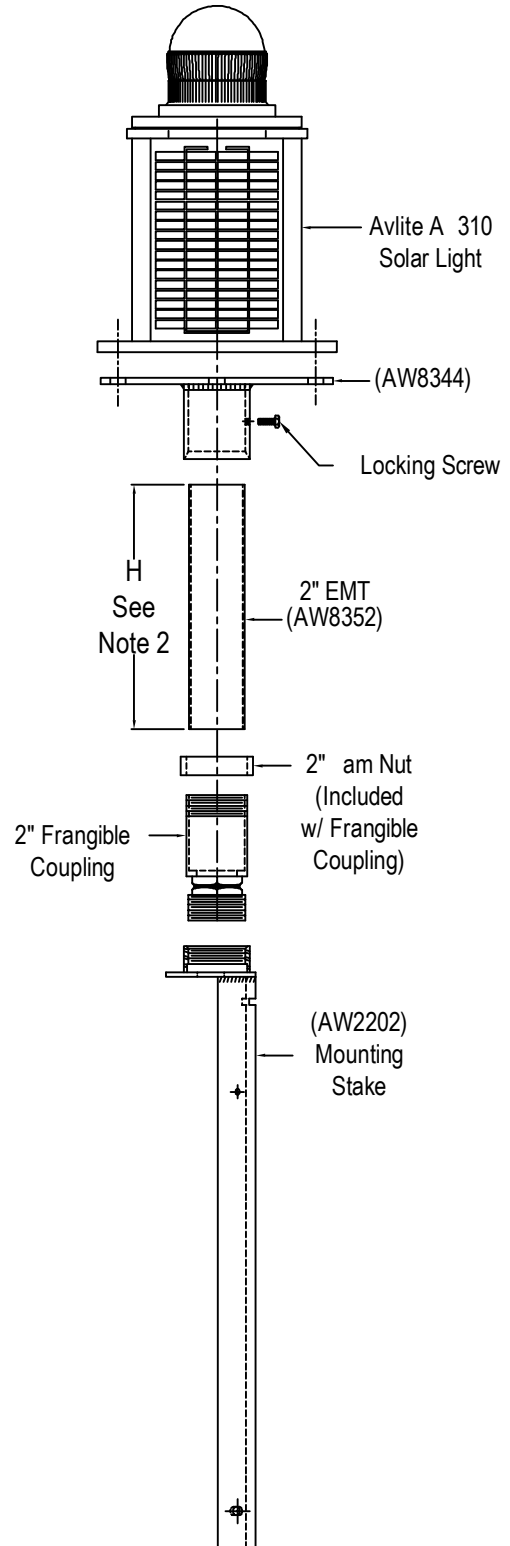


Avlite A 10 Mounting System



AW8344 - Avlite A 310 Mounting Plate

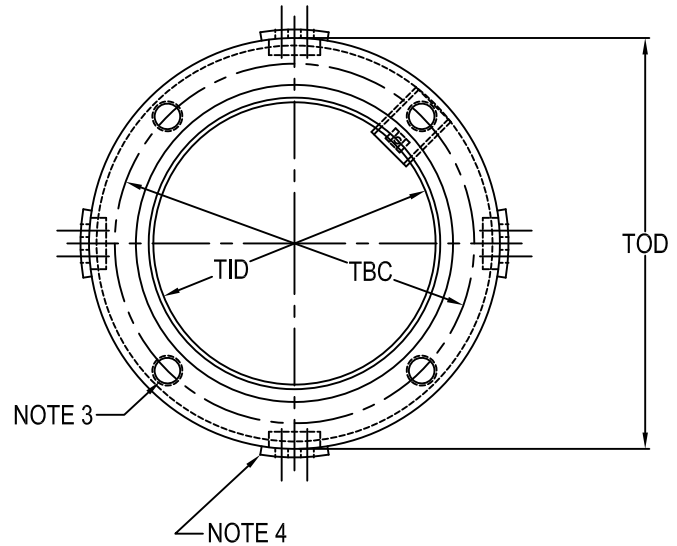
1. The AW8344 is designed specifically for the Installation of Avlite s A 310 solar light (Other interfaces available)
2. H Height Re uired. Standard is 10.75", other heights are available
3. Finish: Yellow Aviation Powder Coat
4. Set-up shown is with attached to a AW2202 (see page G-04h-rev0) but can be attached to various fixtures
5. Hardware to attach light is not included with AW8344



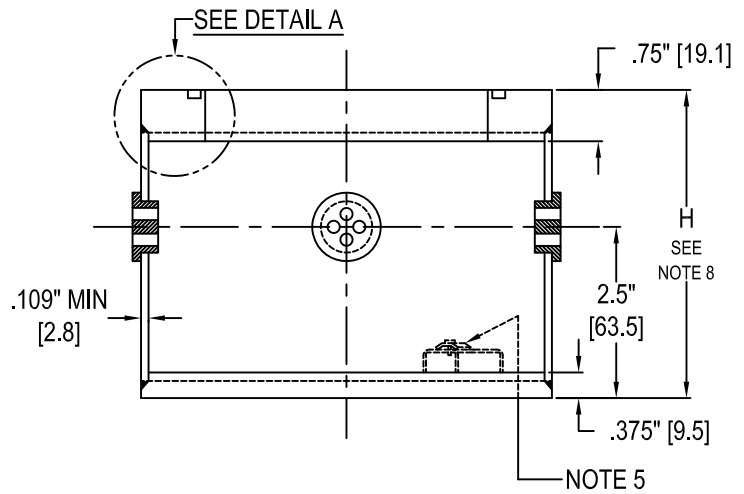
Junction Box FAA L-869



Junction Box

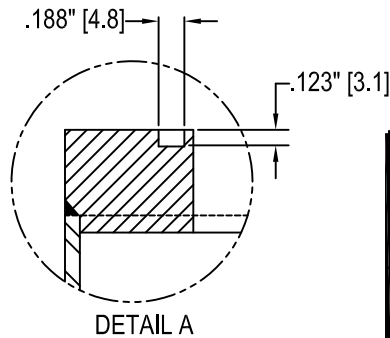


1. Approved and Certified to FAA Advisory Circular AC150/5345-42 Rev C L-869
Size: 6"
2. Junction Boxes are Zinc Plated to QQZ-325
3. (4) 3/8"-16 equally spaced, tapped holes
4. Junction boxes are shipped with:
 - (4) 3/8"-16 x 3/4" stainless hex head cap screws (10650196)
 - (1) 'O' ring gasket (10530289)
 - (4) AW0921 Port Grommets with (4) # 10 GA. Wire
5. For ground applications, use AW7650 (AW0923 ground clip, See Dwg # I-11)
6. Covers are sold separately



7. Covers Available:
See Dwg # H-03

8. H = height required
4 1/2" Standard height



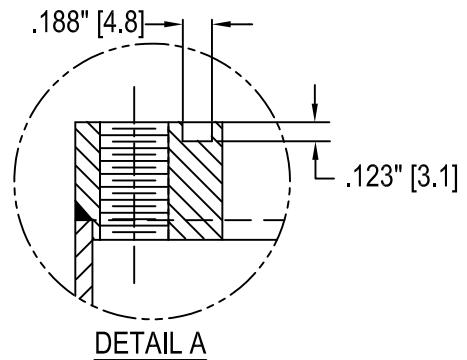
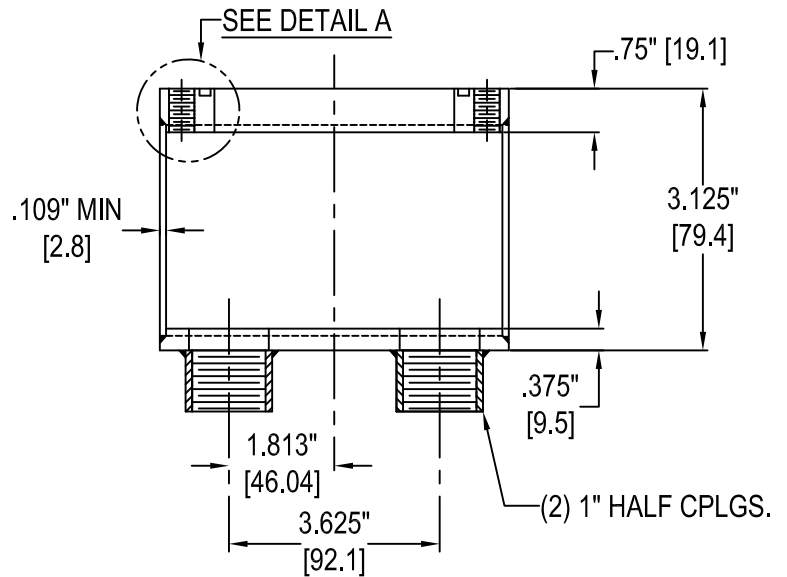
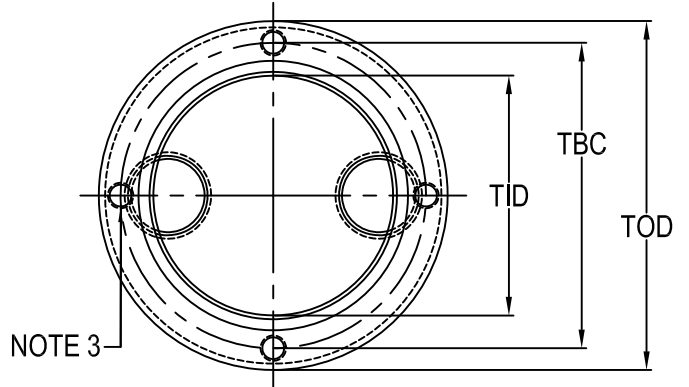
TYPE	TOD	TBC	TID	GROUND
AW7600	6"	5.25"	4.125"	NO
6" L869	[152.4]	[133.4]	[104.8]	
AW7650	6"	5.25"	4.125"	YES
6" L869	[152.4]	[133.4]	[104.8]	

[] = dimensions in metrics; mm.

Junction Box FAA L-869



Junction Box

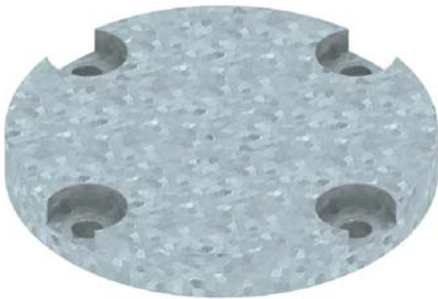


1. Approved and Certified to FAA Advisory Circular AC150/5345-42 Rev C L-869 Size: 6"
2. Junction Boxes are Zinc Plated to QQZ-325
3. (4) 3/8"-16 equally spaced, tapped holes
4. Junction boxes are shipped with:
(4) 3/8"-16 x 3/4" stainless hex head cap screws (10650196)
(1) 'O' ring gasket (10530289)
5. Covers are sold separately
6. Covers Available:
See Dwg # H-03

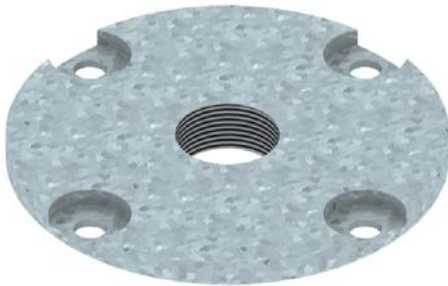
TYPE	TID	TBC	TOD
AW7609	4.25"	5.25"	6"
6" L869	[108]	[133.4]	[152.4]

[] = dimensions in metrics; mm

Cover Plate for L-869 Light Bases



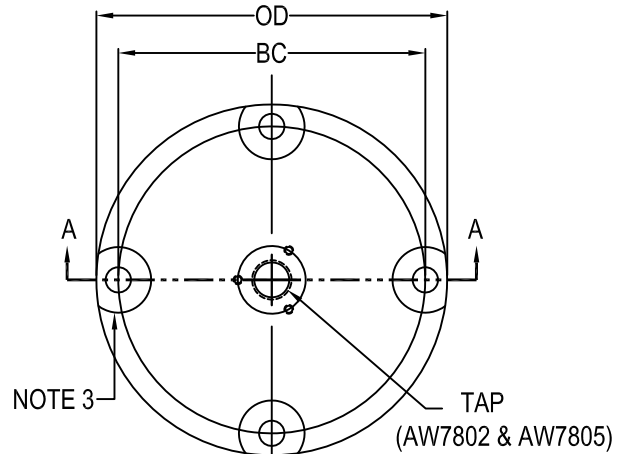
AW7601



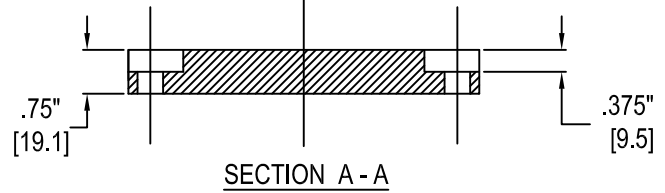
AW7805

Cover Plate for L-869 Bases

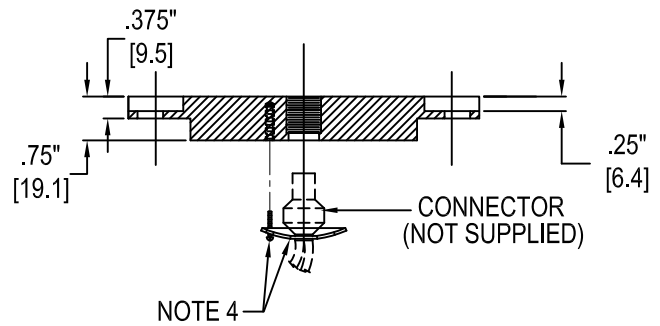
1. Approved and Certified to FAA Advisory Circular AC150/5345-42 Rev C
L-869
Size: 6"
2. Cover Plate is galvanized to ASTM-A123/A123M-02
3. (4) 7/16" Ø equally spaced, thru holes with 1 1/8" Ø counter bore
4. Cover plate with tapped opening is shipped with:
Hardware packup #6120 which contains:
(1) 3 hole L 823 cable clamp (8089)
(3) #10-24 x 1 1/2" SS machine screws (10670781)
5. *Contact factory for variations :
- GROUNDING
- ENGRAVING



(AW7601)



(AW7802) & (AW7805)



TYPE	BC	OD	TAP
AW7601	5.25"	6"	N/A
6" L869	[133.4]	[152.4]	N/A
AW7802	5.25"	6"	2" NPS
6" L869	[133.4]	[152.4]	[50.8]
AW7805	5.25"	6"	1 1/2" NF
6" L869	[133.4]	[152.4]	[38.1]

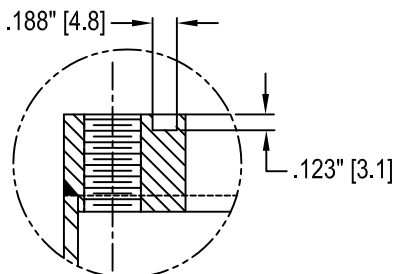
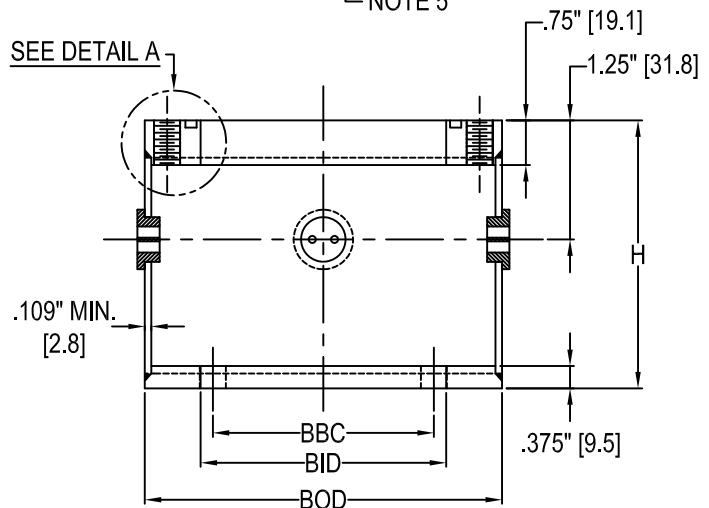
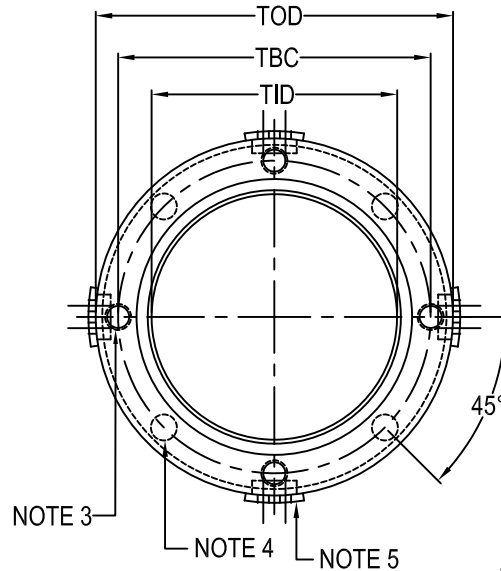
[] = dimensions in metrics; mm

Junction Box Extension FAA L-869



Junction Box Extension

1. Approved and Certified to FAA Advisory Circular AC150/5345-42 Rev C L-869 Size: 6"
2. Junction Box Extensions are Zinc Plated to QQZ-325
3. (4) 3/8"-16 equally spaced, tapped holes
4. (4) 7/16" equally spaced, thru holes
5. Junction box extensions are shipped with:
 - (4) 3/8"-16 x 3/4" stainless hex head cap screws (10650196)
 - (1) 'O' ring gasket (10530289)
 - (1) AW0922 Port Grommet with (2) # 12 GA. Wire
 - (3) AW0921 Port Grommets with (4) # 10 GA. Wire

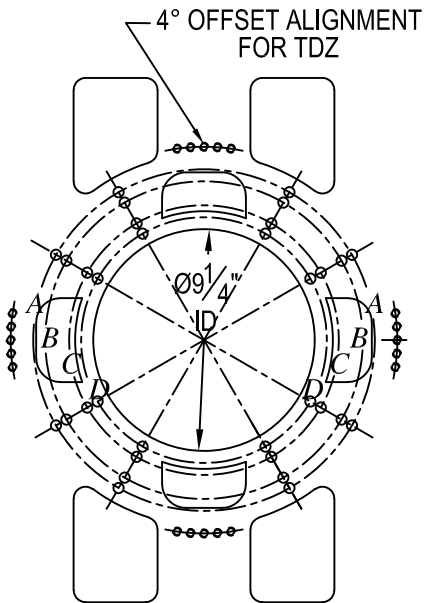
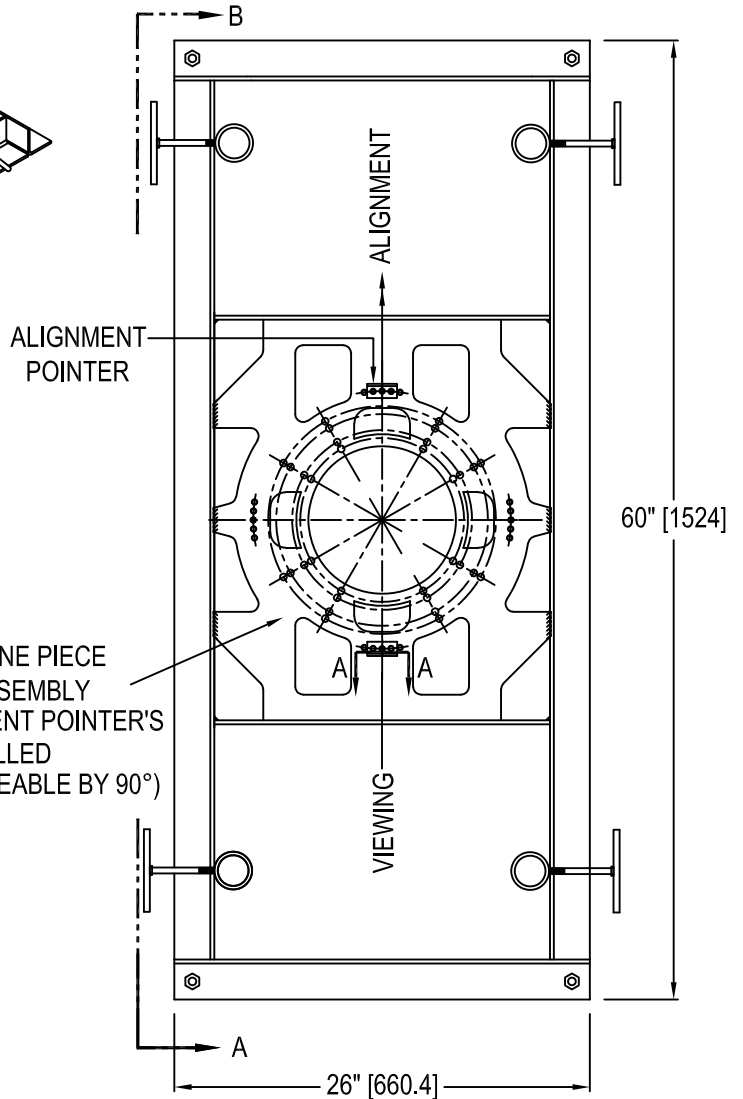
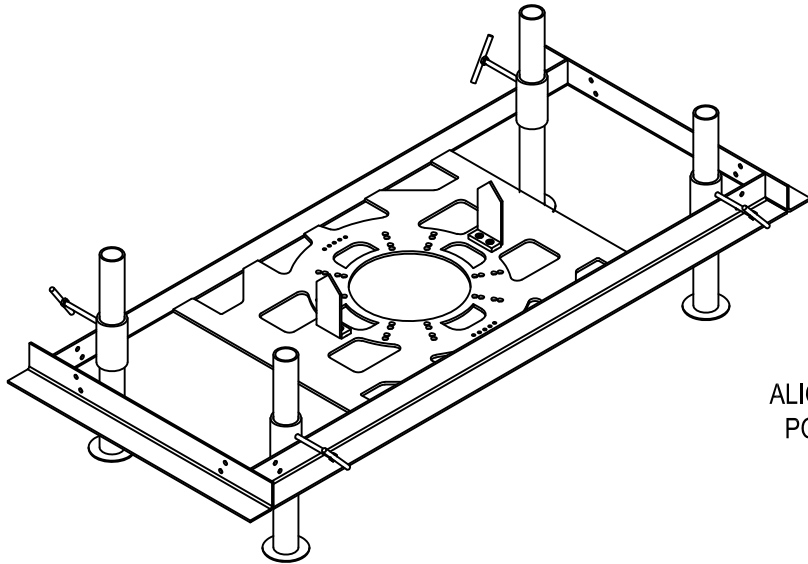


DETAIL A

TYPE	AW7602	AW7603	AW7604	AW7605	AW7606	AW7607	AW7608
H	6" L869	6" L869	6" L869	6" L869	6" L869	6" L869	6" L869
	2"	2 1/8" - 3"	3 1/8" - 4"	4 1/8" - 5"	5 1/8" - 6"	6 1/8" - 7"	7 1/8" - 8"
TID/BID	4.125" [104.8]						
TBC/BBC	5.25" [133.4]						
TOD/BOD	6" [152.4]						

[] = dimensions in metrics; mm.

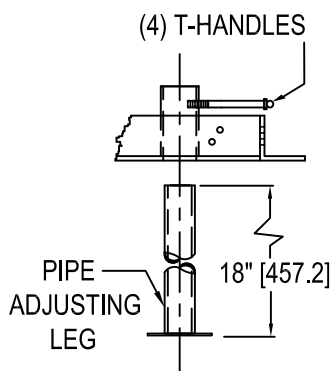
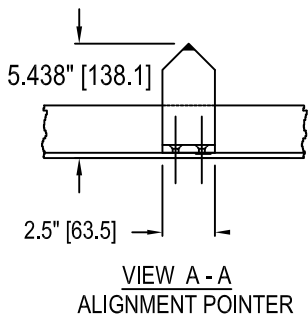
Setting Fixture AW9100A



BOLT PATTERN IDENTIFICATION

INTERNAL ONE PIECE
FRAME ASSEMBLY
WITH ALIGNMENT POINTER'S
INSTALLED
(FIELD ROTATEABLE BY 90°)

NOTE: BULK PACKED IN SEPARATE BOX:
 (2) ALIGNMENT POINTER ASSY'S (8518)
 (4) 1/4-20 X 1/2" LG FLAT HD MACHINE SCREWS (1066-1748)
 (4) PIPE ADJUSTING LEG ASS'Y (8623)
 (4) T-HANDLE ASS'Y (8626)



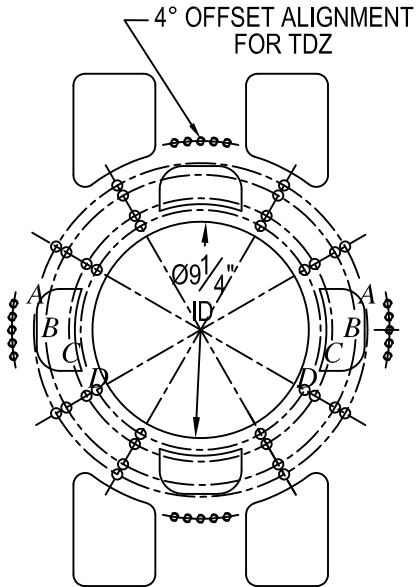
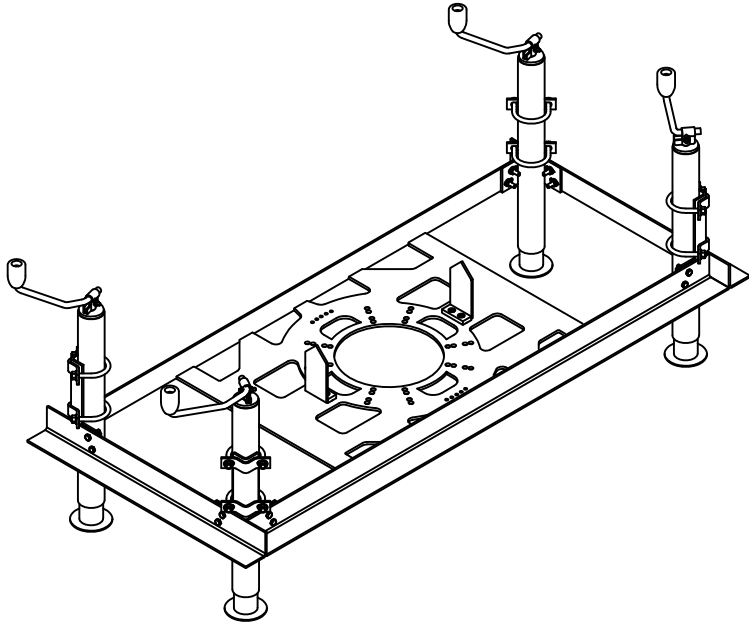
**PARTIAL
ELEVATION VIEW B**

AW9100A

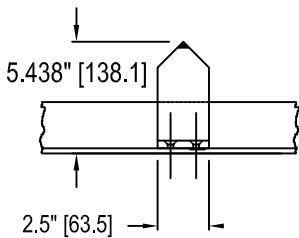
BOLT CENTER	BC	QTY. 7/16" HOLE
A	14.25" [362]	4
B	13.25" [336.6]	4
C	11.25" [285.8]	4
D	10.25" [260.4]	4

[] = dimensions in metrics; mm

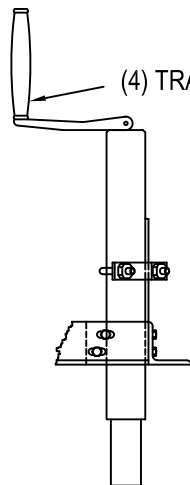
Setting Fixture AW9101A



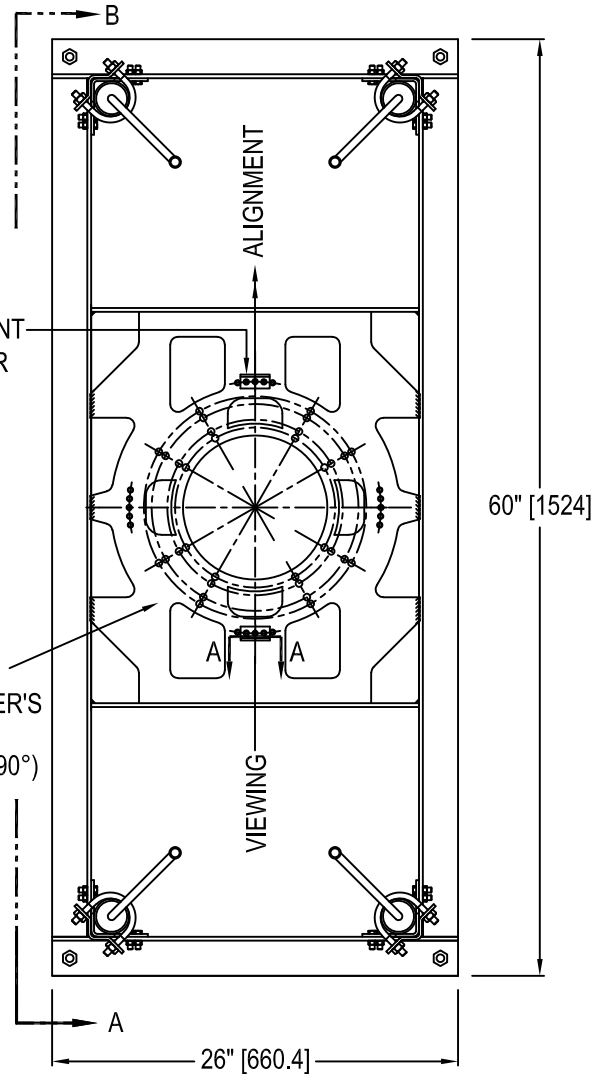
BOLT PATTERN IDENTIFICATION



**VIEW A-A
ALIGNMENT POINTER**



**PARTIAL
ELEVATION VIEW A**

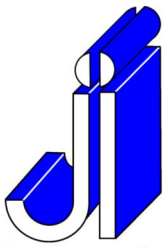


- NOTE: BULK PACKED IN SEPARATE BOX:**
- (2) ALIGNMENT POINTER ASSY'S (8518)
 - (4) JACK BRACKETS (8525)
 - (4) LEVELING JACKS (8524)
 - (8) U-BOLTS (1068-9101) 3/8" WITH NUTS
 - (4) 1/4-20 X 3/4" LG FLAT HD MACHINE SCREWS (1066-1748)
 - (16) 5/16-18 WIZ-LOCK NUTS (1068-1777)
 - (16) HEX HEAD CAP SCREWS 5/16-18x1 1/4" LG YZD (1064-2045)
 - (16) 5/16" YZD FLAT WASHERS (1068-1902)
 - (16) 3/8" YZD FLAT WASHERS (1068-1903)

AW9101A

BOLT CENTER	BC	QTY. 7/16" HOLE
A	14.25" [362]	4
B	13.25" [336.6]	4
C	11.25" [285.8]	4
D	10.25" [260.4]	4

[] = dimensions in metrics; mm



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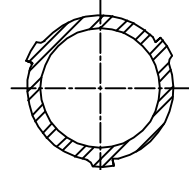
Base Plate Tap

for 1-1/2" & 2" tapped base plates

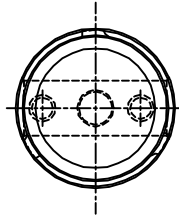
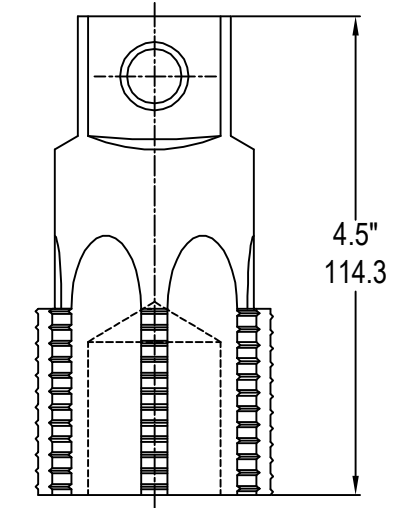
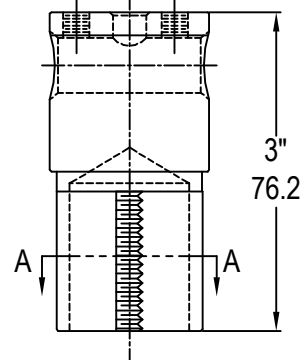
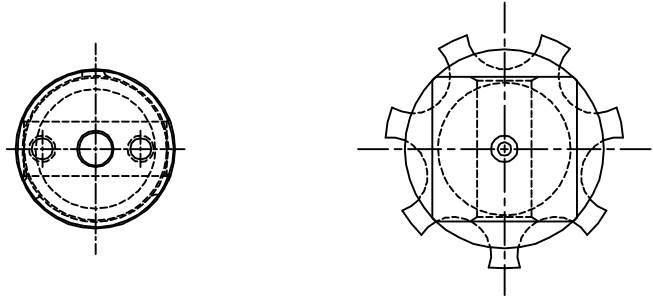


Base Plate Tap AW7015

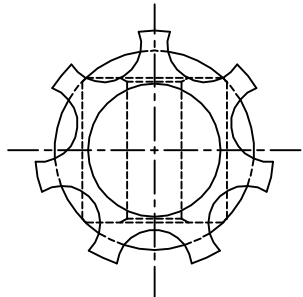
1. For the restoration of damaged threads in either 1-1/2" and 2" Tapped Base Plates
2. Taps have recess on the bottom that allows for re-tapping without removal of L823 secondary connector
3. Each Tap includes 15" Torque Bar



SECTION A-A



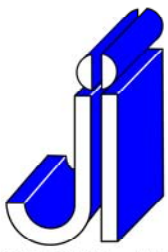
AW7015
1-1/2"-12



AW7020
2" NPS

dimensions in metrics mm

-02h (rev 0)



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INDUSTRIES INC.



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Wrench For Frangible Couplings



Wrench AW7011

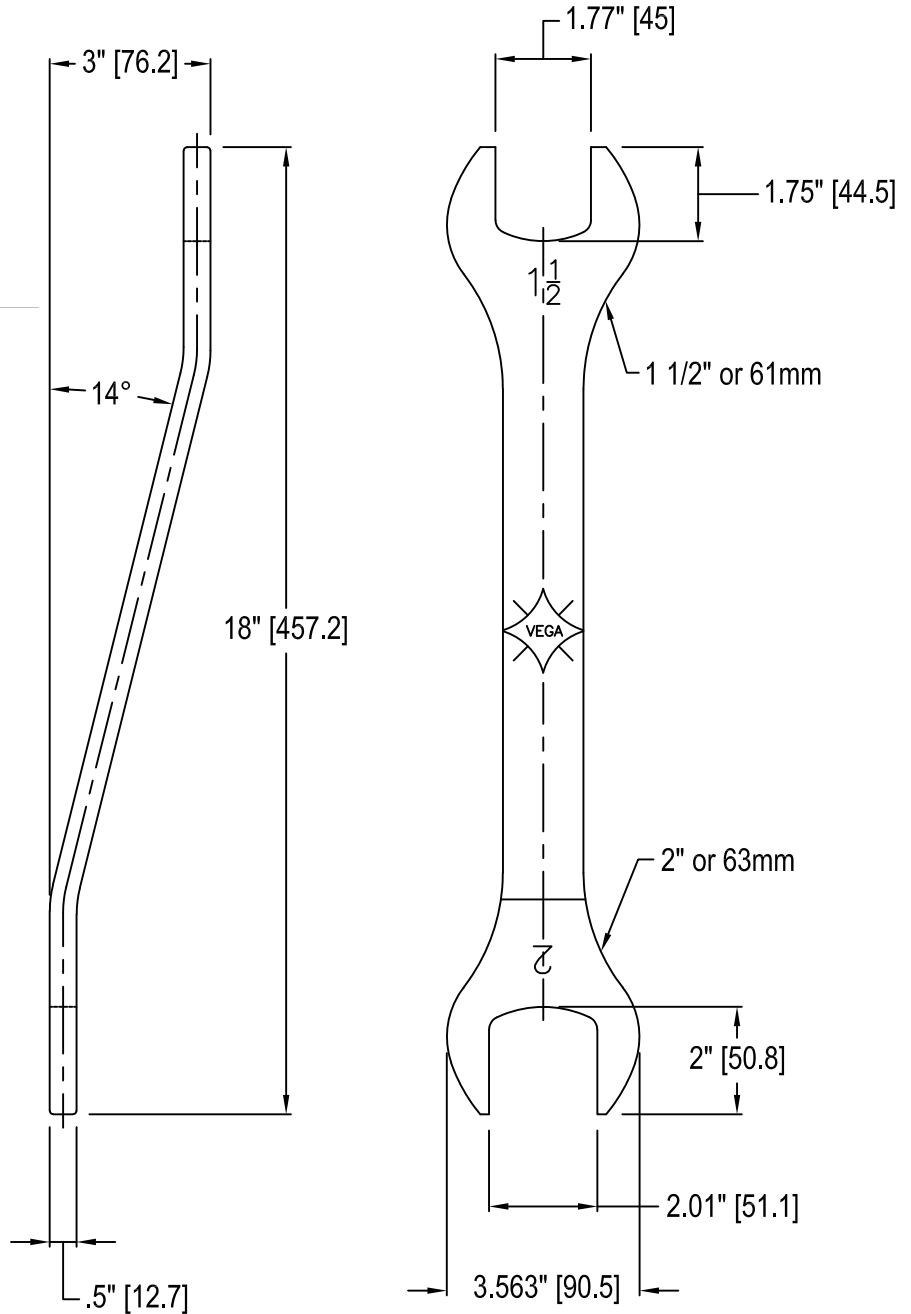
1. Material : 6061-T6 Aluminum
2. Finish : Anodized
3. Weight : Approximately 1-1/2 lbs

AW7010 - METRIC

61 mm & 63 mm

AW7011 - ENGLISH

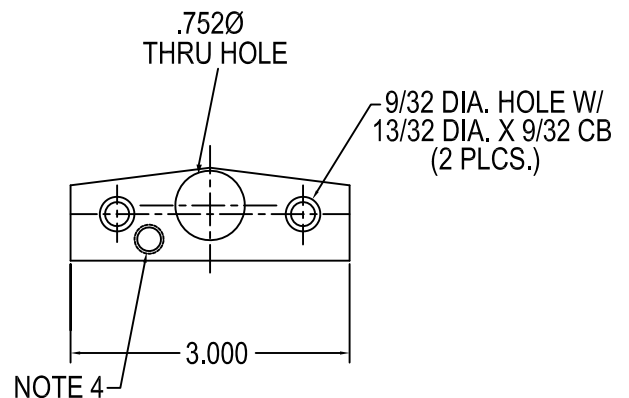
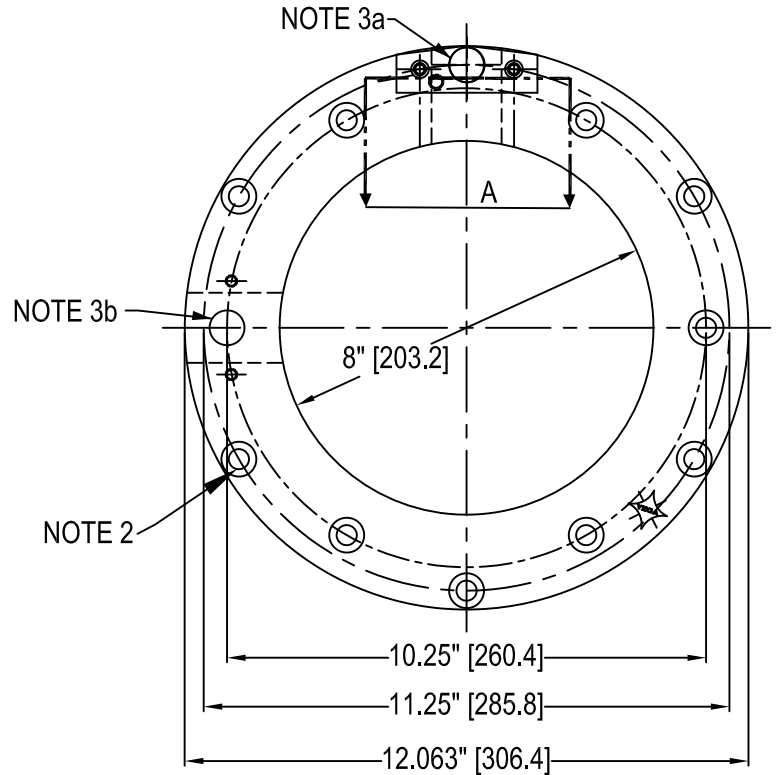
1 1/2" & 2"



Drill Fixture L-867B / L-868B



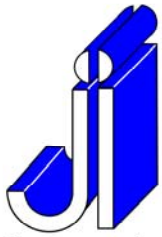
AW7012 KIT



Section View A

1. Drill Plates are zinc plated with O. D. wash
2. (11) 7/16" \varnothing equally spaced, thru holes with 82° counter sink
- 3a. 11.25" BC, (1) 3/4" \varnothing hole for Drill & Tap Bushings
- 3b. 10.25" BC, (1) 3/4" \varnothing hole for Drill & Tap Bushings
4. (1) Bushing Lock Screw (10671000)
5. Fixtures are shipped as a kit with:
 - (1) 5/16" Drill Bushing (10901001)
 - (1) 5/16" H.D. Drill (10901004)
 - (1) 5/32" Drill Bushing (10901002)
 - (1) 5/32" H.D. Drill (10901003)
 - (1) #3 Screw Extractor (10671001)
 - (1) "Z" Drill Bushing (10901000)
 - (1) 3/8"-16 x 6" Extension Tap (10900055)
 - (6) 3/8"-16 x 1" Flat Allen Head Screws (10640059)
 - (1) Carry Bag (10907014)

[] = dimensions in metrics; mm.



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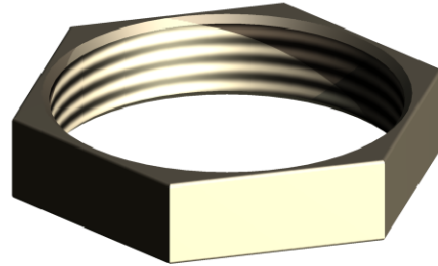


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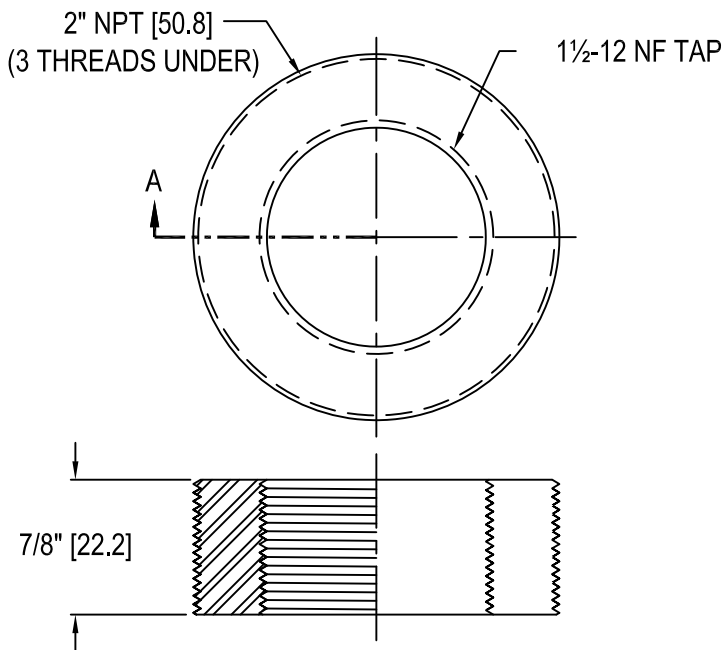
Base Plate Accessories



2" TO 1 1/2"
REDUCER



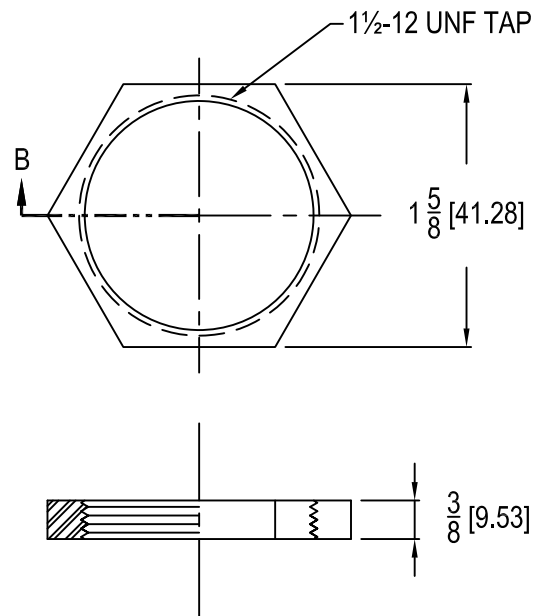
1 1/2" COUPLING
LOCK NUT



PARTIAL SECTION A

NOTES :

1. Material : Cast iron
2. P/N : AW5925
3. Zinc Plated



PARTIAL SECTION B

NOTES :

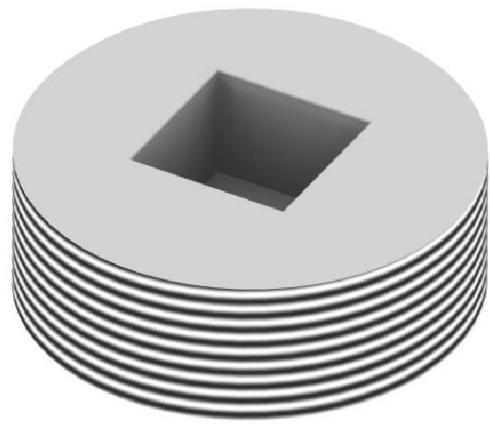
1. Material : A36 Steel
2. P/N : AW7016
3. Zinc Plated

[] = dimensions in metrics; mm

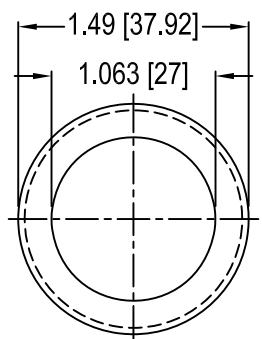
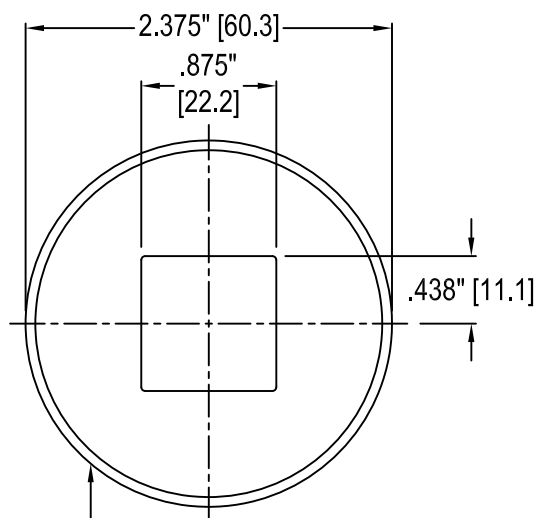
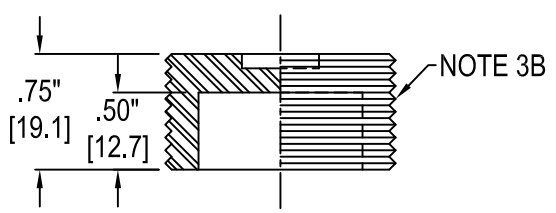
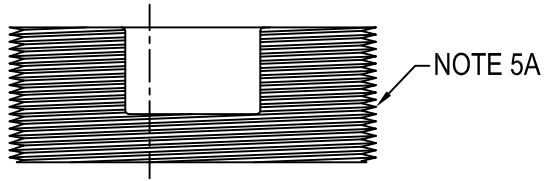
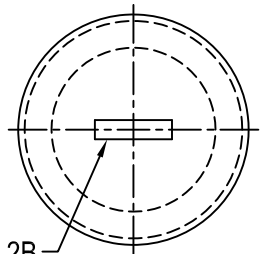
I-05h (rev 0)

PIPE PLUGS

1½"-12 UNF & 2"-11½ NPT



2" NPT Countersunk Pipe Plug (AW5920)



NOTE 4A

AW5920

AW0317

- 1A. Manufactured in accordance to FAA D-5225 Specifications
- 2A. Material : Cold rolled bar
- 3A. Finish : Zinc plated
- 4A. .063" x 45° chamfer both sides
- 5A. 2" [50.8] NPT tap

- 1B. Material : Aluminum
- 2B. 1/8" x 1/2" x 3/32" deep Screwdriver Slot
- 3B. 1 1/2" [38.1] UNF Tap
- 4B. Recommend using Anti-seize compound when installing

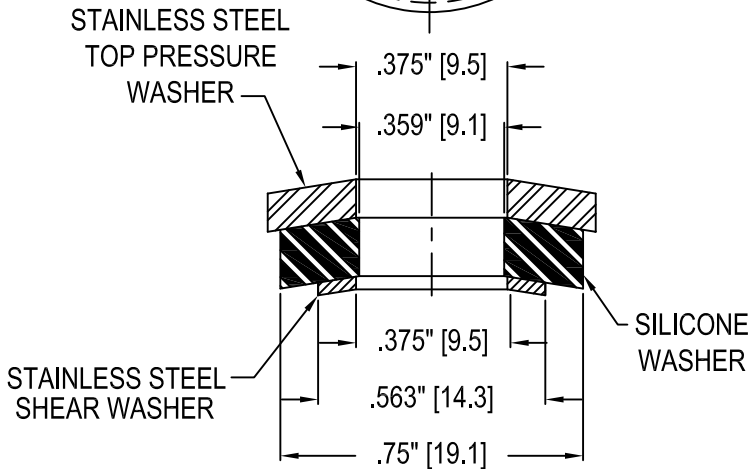
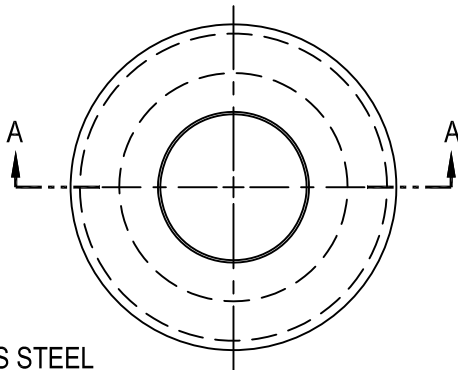
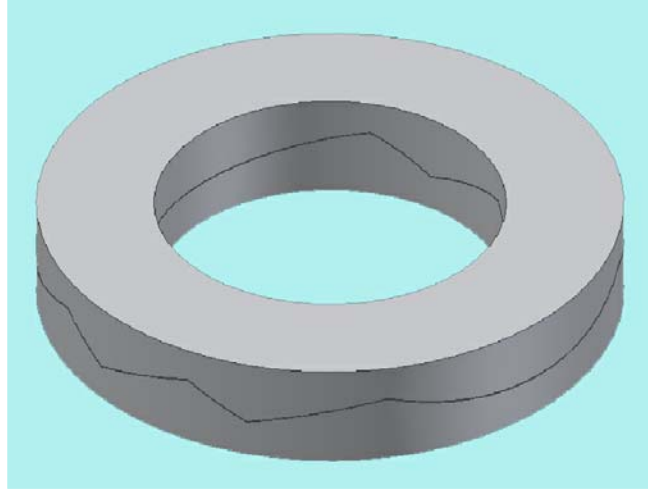
[] = dimensions in metrics; mm.



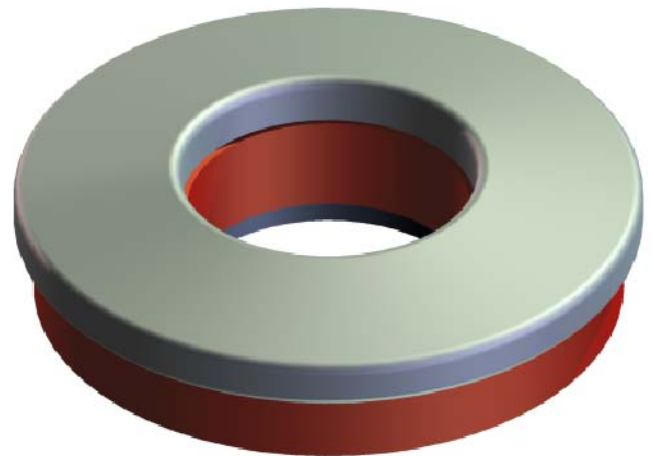
Seal Washer 2 Piece Locking Washer

NORD-LOCK 2 PIECE LOCKING WASHER

10680607



SECTION A - A

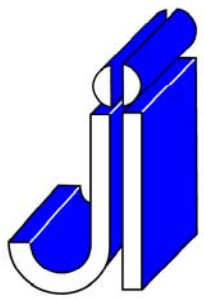


AW0914

SEALWASHER

[] = dimensions in metrics; mm

I-07h (rev 0)

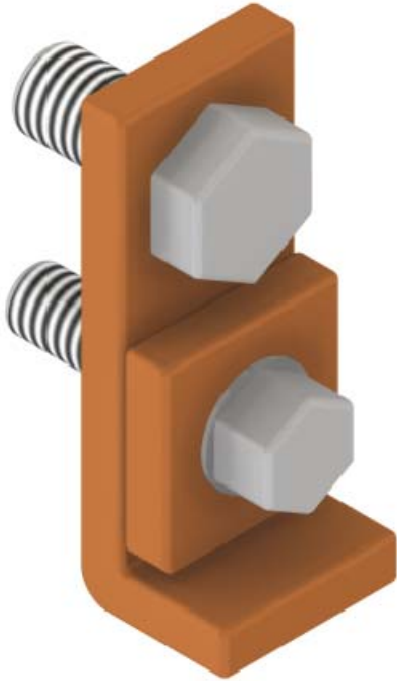


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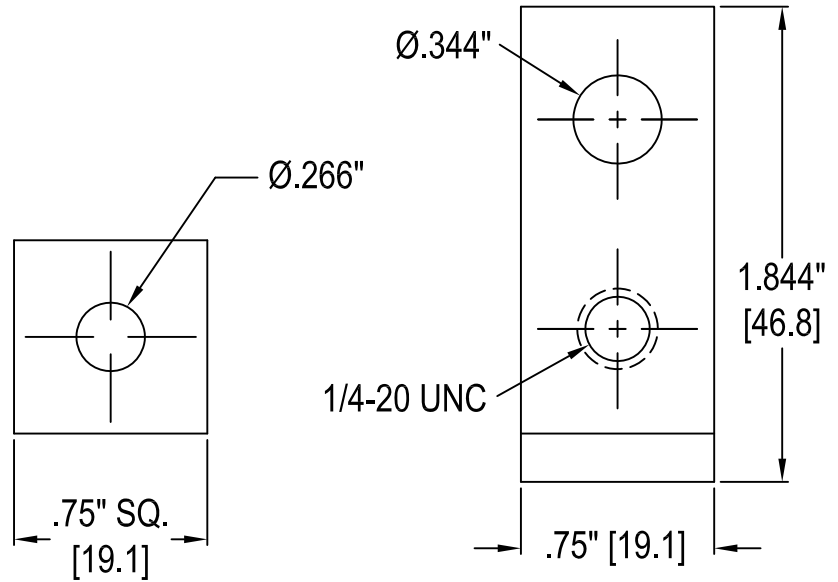


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Copper Ground Clamp



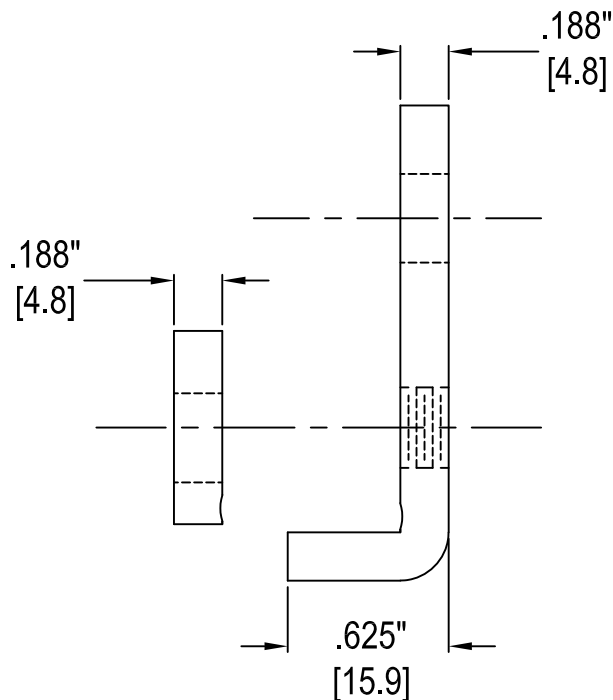
AWS0919 Ground Clamp



Material: Copper

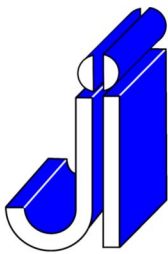
Bolt Packup includes:

- | | |
|--------------------------|-------------|
| 5/16"-18 x 1/4" SS HHCS | (1065-5031) |
| 5/16"-18 SS Wiz-Lock Nut | (1068-1778) |
| 1/4"-20 x 1" SS HHCS | (1068-0190) |



[] = dimensions in metrics; mm.

I-08h (rev 0)

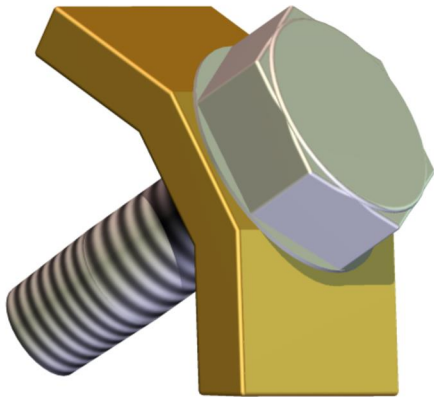


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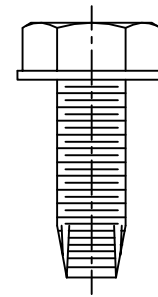
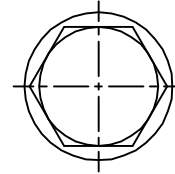


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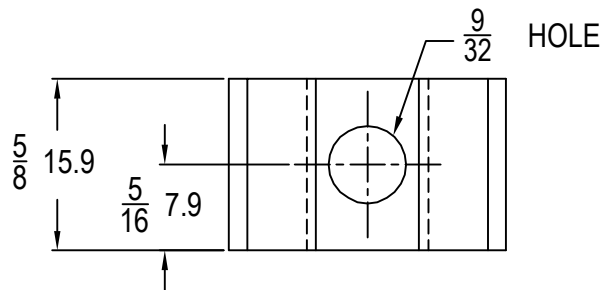
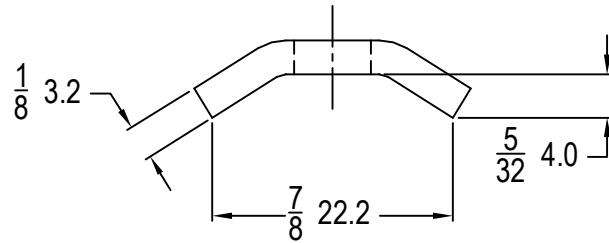
Brass Ground Clamp for ounting Stakes



Brass Ground Clamp AW0923



1/4"-20 x 1"
SELF TAPPING SCREW
(10645064)

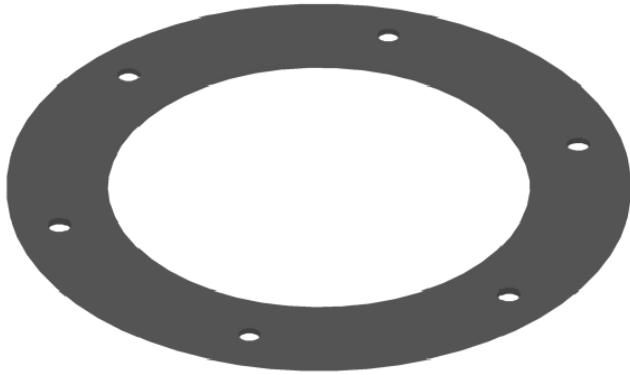


AW092
Matl. : BRASS

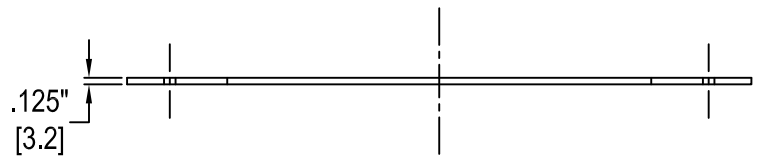
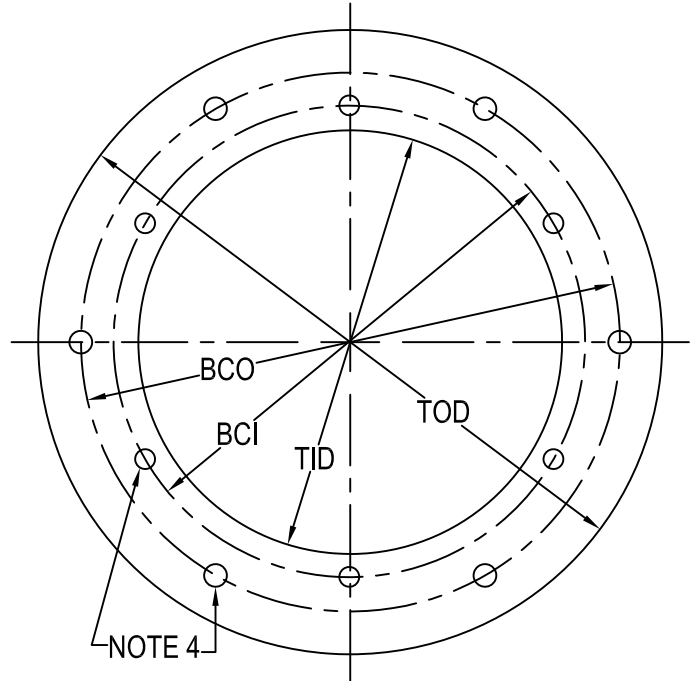
-09h (rev 0)



Gasket for L-867 & L895



Neoprene Durometer 55 (10530287)



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L867
Size: B=12", D=16", E=24"

2. Material: Neoprene Durometer 55

* 3. Material: Neoprene R431 (Foam)
(Alaskan Application)

4. (6) 7/16" Ø equally spaced, thru holes

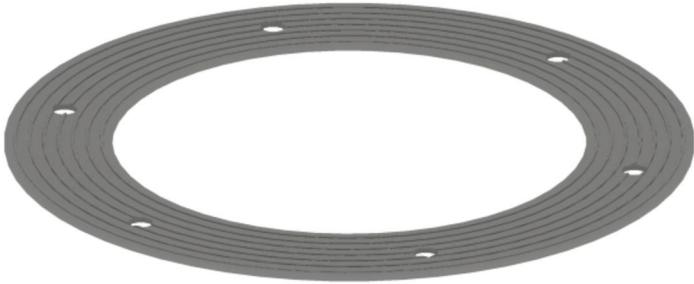
TYPE	TOD	BCO	BCI	TID	OLD P/N
10530287	11.938"	11.25"	10.25"	9"	A2052
12" L867B	[303.2]	[285.8]	[260.4]	[228.6]	
* 10532042	11.938"	————	10.25"	9"	AK2052
12" L867B	[303.2]	————	[260.4]	[228.6]	
10530281	15.938"	14.25"	————	12.438"	A6052
16" L867D	[404.8]	[362]	————	[315.9]	
10533055	23.75"	21.5"	————	20"	A7052
24" L867E	[603.3]	[546.1]	————	[508]	

[] = dimensions in metrics; mm.

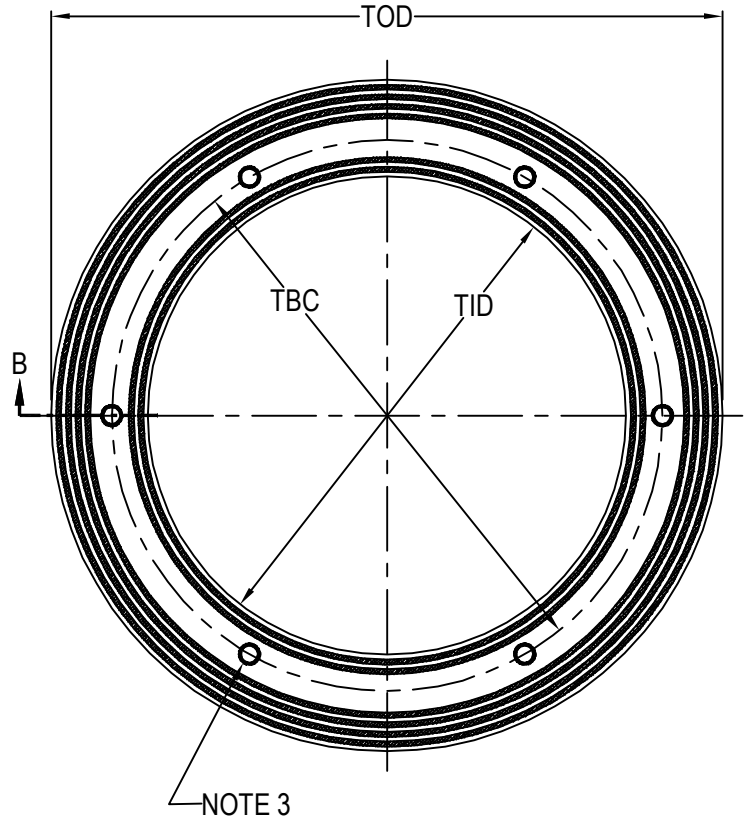
* = SEE NOTE 3

J-01h (rev 0)

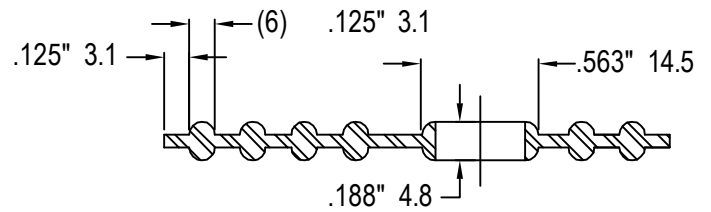
Gasket for B1 B & B4 Silicone



Silicone Gasket



1. Manufactured in accordance to FAA-E-1315a
2. Material: Silicone Rubber, Class II, grade 60 per spec. MIL-R-5847 C
MIL-B-8954, PL ASNMT-69-3
3. (6) 7/16" evenly spaced, thru holes



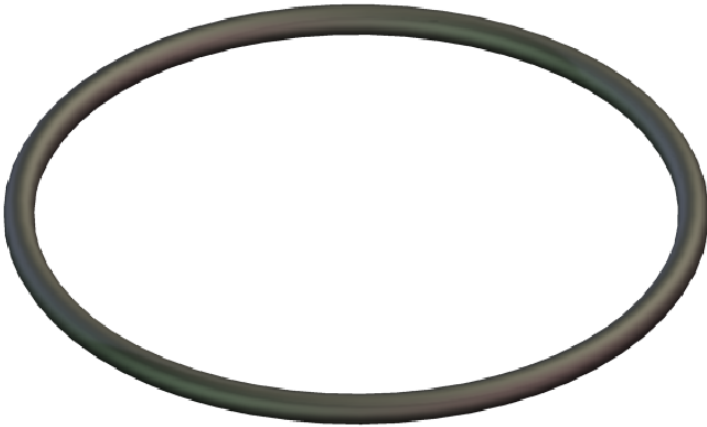
PARTIAL SECTION B
105 08

TYPE	TOD	TBC	TID	OLD P/N
105 08	17.375"	14.25"	12.375"	A6050
16"	441.3	362	314.3	

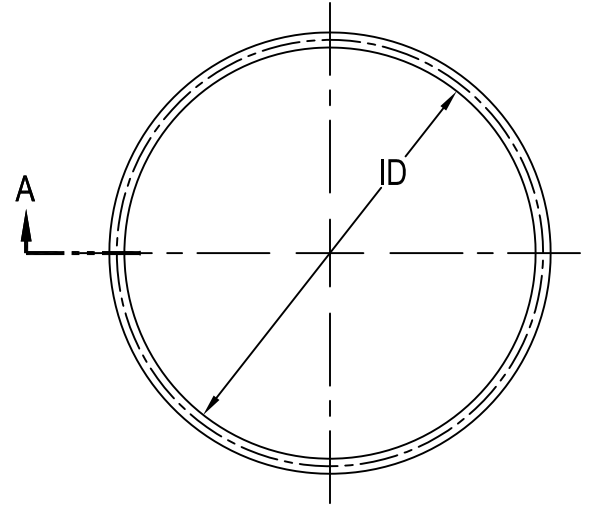
dimensions in metrics mm.

-02h (rev 0)

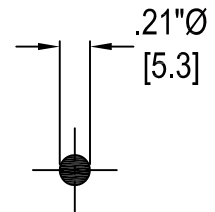
Gasket Silicone 'O' Ring



Silicone 'O' Ring



1. Approved and Certified to FAA Advisory Circular AC150/5345-42 (Current Revision) L868
Size: B=12", C=15"
A=10" / AC150/5345-42



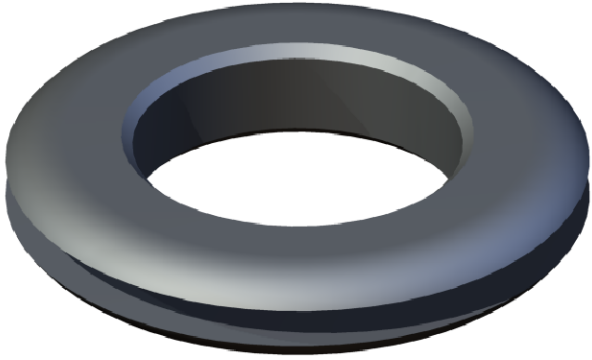
PARTIAL SECTION A

2. Material: Silicone Rubber, high and low temperature resistant
Mil R 5847 C,
Fed. spec. ZZ-R-765

TYPE	ID	OLD P/N
10530289 6" L869	4.375" [111.1]	A0926 (obsolete)
10530791 10 " L868A	8.16" [207.3]	A0906 (obsolete)
10530021 12" L868B	10.16" [258]	A0904
10530274 15" L868C	13.6" [334.3]	A0903

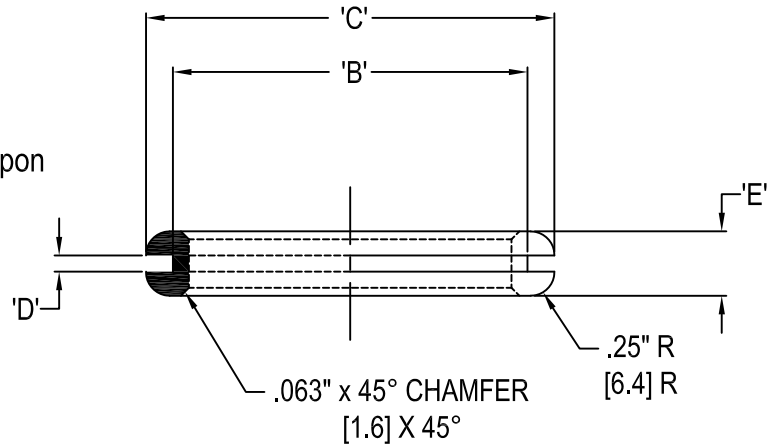
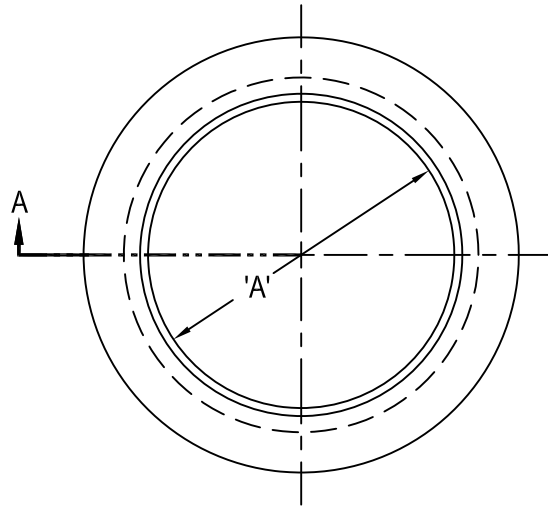
[] = dimensions in metrics; mm.

FLEX CONNEX & SOLID GROMMETS



FLEX CONNEX & SOLID GROMMET

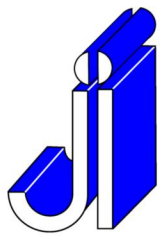
1. Approved and Certified to FAA Advisory Circular 150/5345-42 (Current Revision)
2. Material: Neoprene 55 durometer minimum
3. Nonstandard I. D. sizes with Solid Flex Connex upon request
4. Flex connex shipped in bulk only



PARTIAL SECTION A

CLASS IA & CLASS IB						
CONDUIT SIZE	3/4"	1"	1 1/2"	2"	3"	4"
'A'	1"	1.313"	1.875"	2.375"	3.5"	4.5"
'B'	1.375"	1.688"	2.25"	2.75"	3.875"	4.938"
'C'	1.875"	2.188"	3"	3.375"	4.5"	5.75"
'D'	.125"	.125"	.125"	.125"	.125"	.125"
'E'	.5"	.5"	.5"	.5"	.5"	.5"
SOLID	10531094	10531095	10531172	10531105	10531100	10533092
FLEX	10531082	10531083	10531171	10531093	10531099	10532041

[] = dimensions in metrics; mm

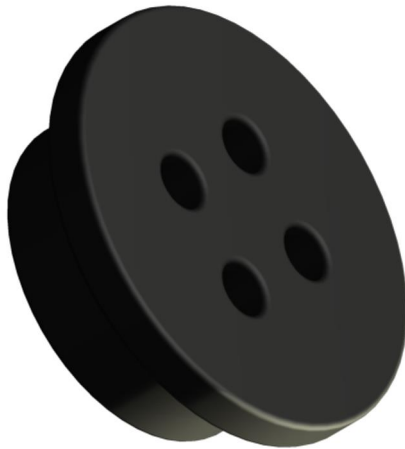


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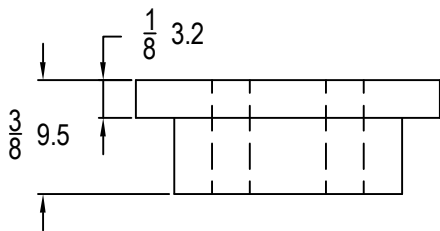
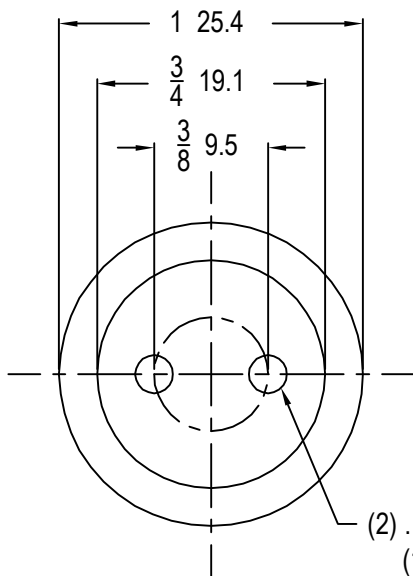


Wire Grommet

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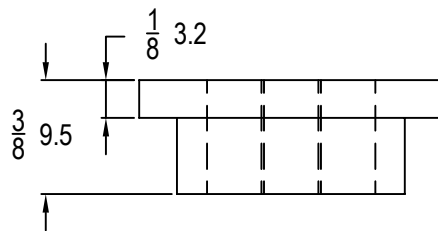
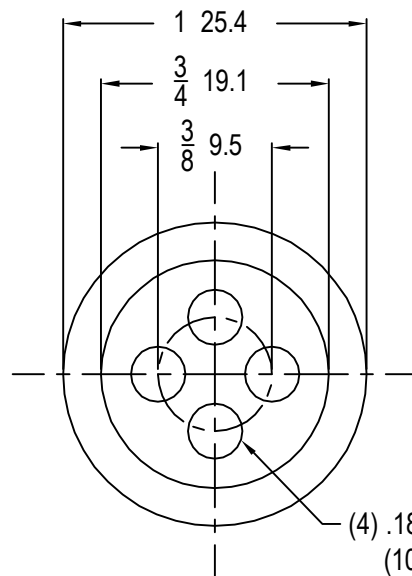
AW0921



AW0922

(OLD p/n: A0922)

Matl.: NEOPRENE



AW0921

(OLD p/n: A0921)

Matl.: NEOPRENE

dimensions in metrics mm

**BOLT SET
 W/ LOCK
 WASHERS
 (STAINLESS)**



TYPICAL BOLT SET WITH LOCKWASHERS

1. Bolt sets comply with the requirements of FAA Advisory Circular 150/5345-42 (Current Revision)
2. All bolts are fully threaded 3/8-16 Hex Head Cap Screws.
3. Lockwashers are 2-piece "wedge-locking" style glued together in pairs for ease of installation. To order separately use Jaquith Part Number 1068-0607.
4. Material for the bolts is grade 304 Stainless Steel
5. Material for the lockwashers is grade 316 Stainless Steel
6. Bolt sets come packed (6) in a plastic envelope with an installation instruction sheet enclosed.
7. If grade 304 Stainless Steel Hex Nuts are required order separately as Jaquith Part Number 1068-0719.

BOLT SET PART NUMBERS	
JAQUITH PART NUMBER	BOLT LENGTH
6100	1" [25.4]
6101	1 1/4" [31.7]
6102	1 1/2" [38.1]
6103	1 3/4" [44.4]
6104	2" [50.8]
6105	2 1/4" [57.1]
6106	2 1/2" [63.5]
6107	2 3/4" [69.8]
6108	3" [76.2]
6109	3 1/2" [88.9]
6110	5" [127.0]
6111	4" [101.6]
6130	6" [152.4]

[] = dimensions in metrics; mm

BOLT SET (STAINLESS STEEL)



TYPICAL BOLT SET

1. Bolt sets comply with the requirements of FAA Advisory Circular 150/5345-42 (Current Revision)
2. All bolts are fully threaded 3/8-16 Hex Head Cap Screws.
3. Material for the bolts is grade 304 Stainless Steel
4. Bolt sets come packed (6) per plastic envelope.

BOLT SET PART NUMBERS	
JAQUITH PART NUMBER	BOLT LENGTH
6599	1/2" [12.7]
6600	1" [25.4]
6601	1 1/4" [31.7]
6602	1 1/2" [38.1]
6603	1 3/4" [44.4]
6604	2" [50.8]
6605	2 1/4" [57.1]
6606	2 1/2" [63.5]
6607	2 3/4" [69.8]
6608	3" [76.2]
6609	3 1/2" [88.9]
6610	4" [101.6]
6611	5" [127.0]

[] = dimensions in metrics; mm

COATED BOLT SET W/LOCK WASHERS



G.B.A. BOLT SET WITH LOCKWASHERS

1. Bolt sets comply with the requirements of FAA Advisory Circular 150/5345-42 (Current Revision)
2. All bolts are fully threaded 3/8-16 Hex Head Cap Screws.
3. Lockwashers are 2-piece "wedge-locking" style glued together in pairs for ease of installation.
4. Material for the bolts is grade 5 Carbon Steel Polytetrafluoroethylene (PTFE) coated.
5. Material for the lockwashers is grade 316 Stainless Steel
6. Bolt sets come packed (6) in a plastic envelope with an installation instruction sheet enclosed.

BOLT SET PART NUMBERS	
JAQUITH PART NUMBER	BOLT LENGTH
6100CO	1" [25.4]
6101CO	1 1/4" [31.7]
6102CO	1 1/2" [38.1]
6103CO	1 3/4" [44.4]
6104CO	2" [50.8]
6105CO	2 1/4" [57.1]
6106CO	2 1/2" [63.5]
6107CO	2 3/4" [69.8]
6108CO	3" [76.2]
6109CO	3 1/2" [88.9]
6110CO	5" [127.0]
6111CO	4" [101.6]
6130CO	6" [152.4]

[] = dimensions in metrics; mm

COATED BOLT SET



G.B.A. BOLT SET

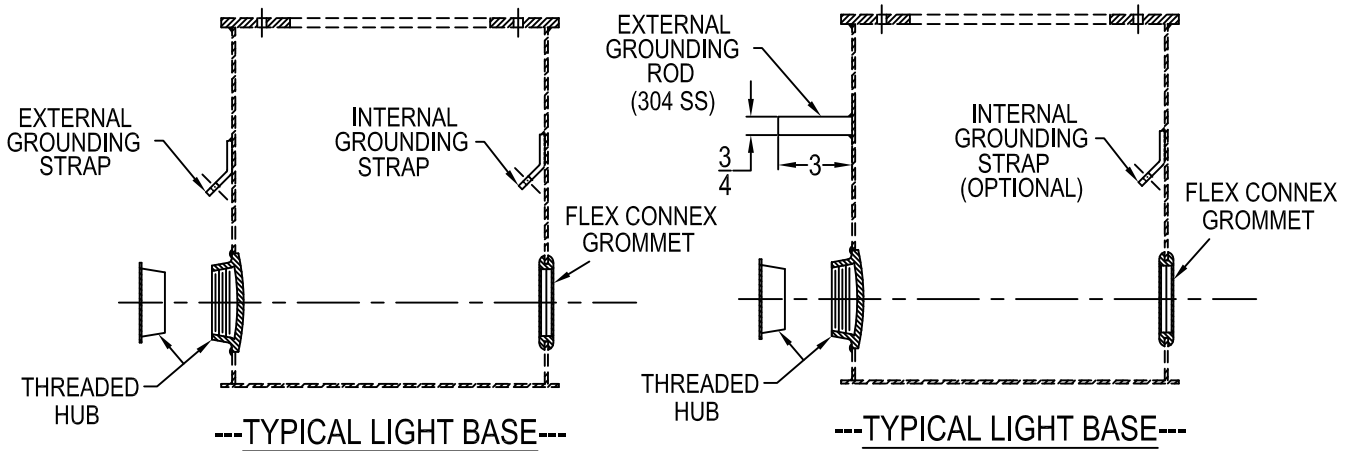
1. Bolt sets comply with the requirements of FAA Advisory Circular 150/5345-42 (Current Revision)
2. All bolts are fully threaded 3/8-16 Hex Head Cap Screws.
3. Material for the bolts is grade 5 Carbon Steel Polytetrafluoroethylene (PTFE) coated.
4. Bolt sets come packed (6) in a plastic envelope with an installation instruction sheet enclosed.

BOLT SET PART NUMBERS	
JAQUITH PART NUMBER	BOLT LENGTH
6599CO	1/2" [12.7]
6600CO	1" [25.4]
6601CO	1 1/4" [31.7]
6602CO	1 1/2" [38.1]
6603CO	1 3/4" [44.4]
6604CO	2" [50.8]
6605CO	2 1/4" [57.1]
6606CO	2 1/2" [63.5]
6607CO	2 3/4" [69.8]
6608CO	3" [76.2]
6609CO	3 1/2" [88.9]
6610CO	4" [101.6]
6611CO	5" [127.0]

[] = dimensions in metrics; mm

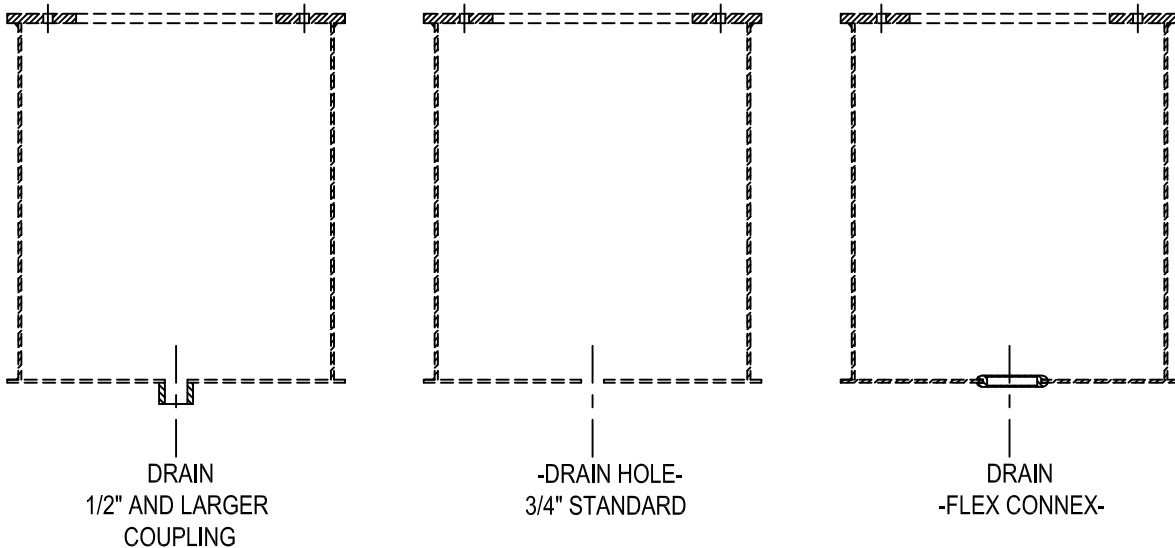
OPTIONAL FEATURES

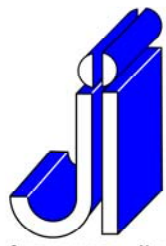
---LIGHT BASE GROUNDING OPTIONS---



---LIGHT BASE DRAINS---

STD. LOCATION'S (SHOWN)
NON STD. LOCATION'S ARE AVAILABLE





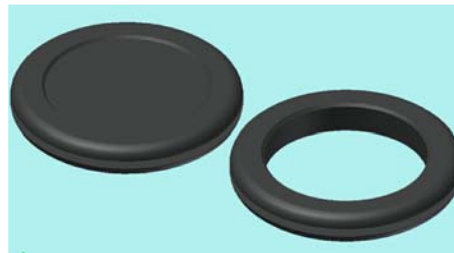
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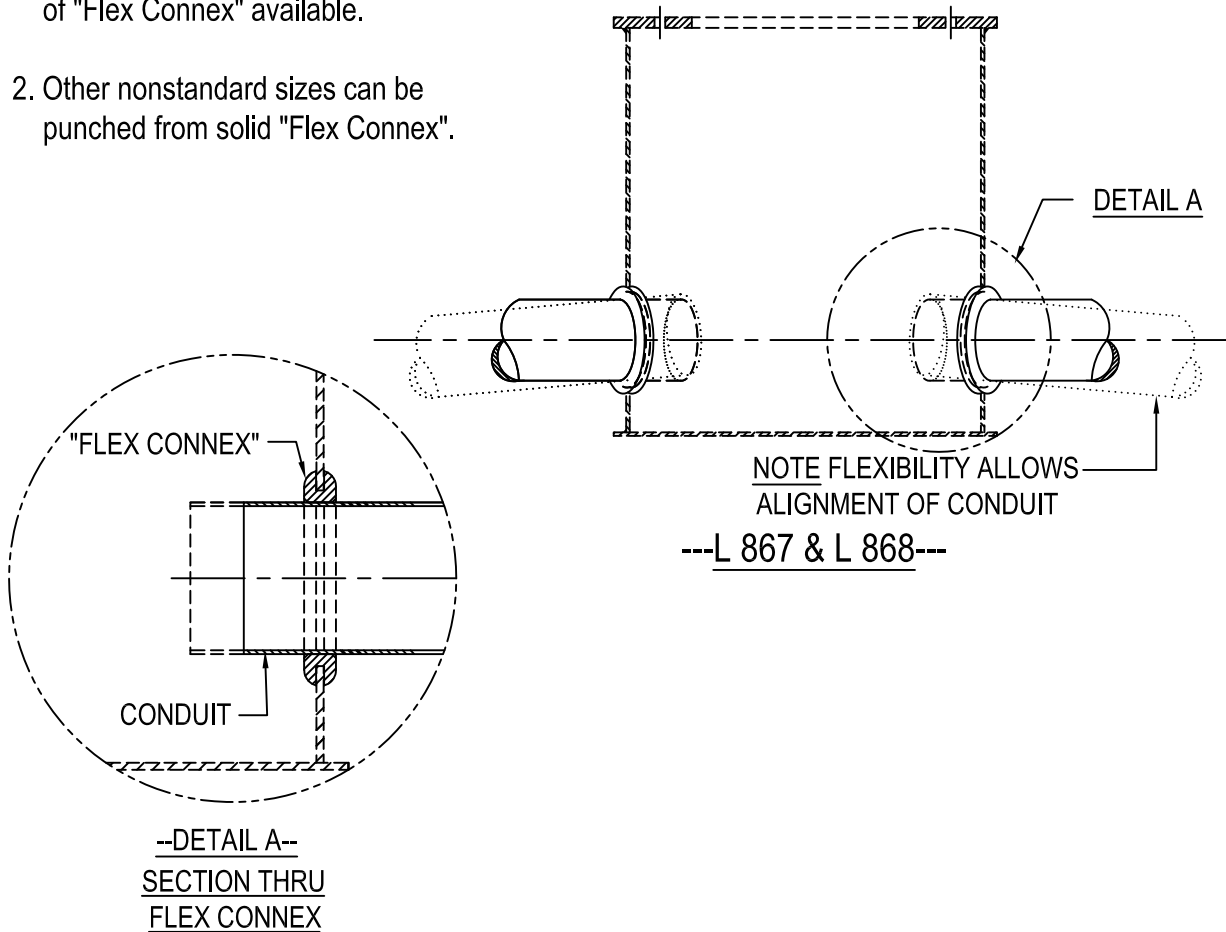


Light Bases with "FLEX CONNEX"



Solid Grommets punched to size

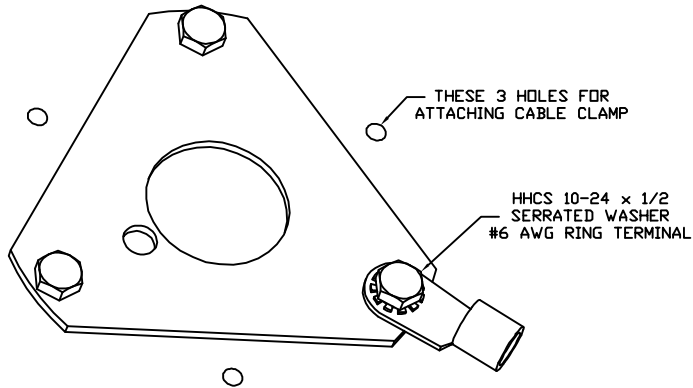
1. See dwg. # J-04 for other sizes of "Flex Connex" available.
2. Other nonstandard sizes can be punched from solid "Flex Connex".



K-02h (rev 0)

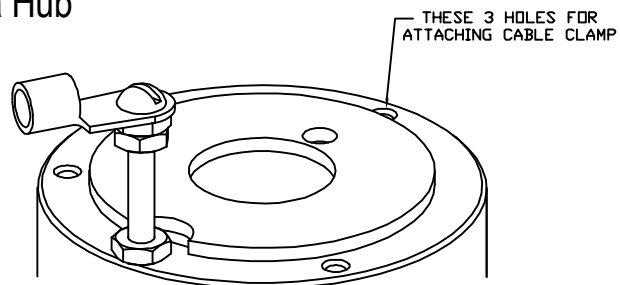
Base Plate & Cover Grounding Options

1. For Grounding Heavy Base Plates and Covers with threaded openings



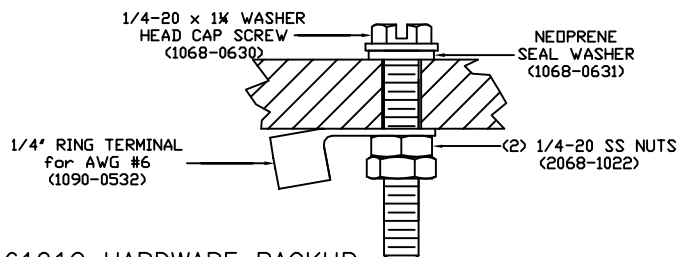
6125G HARDWARE PACKUP

2. For Grounding Base Plates with a Hub



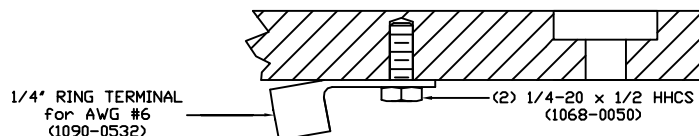
6120G HARDWARE PACKUP

3. For Cover Plates and Heavy Base Plates (less than 3/4" thick)



6121G HARDWARE PACKUP

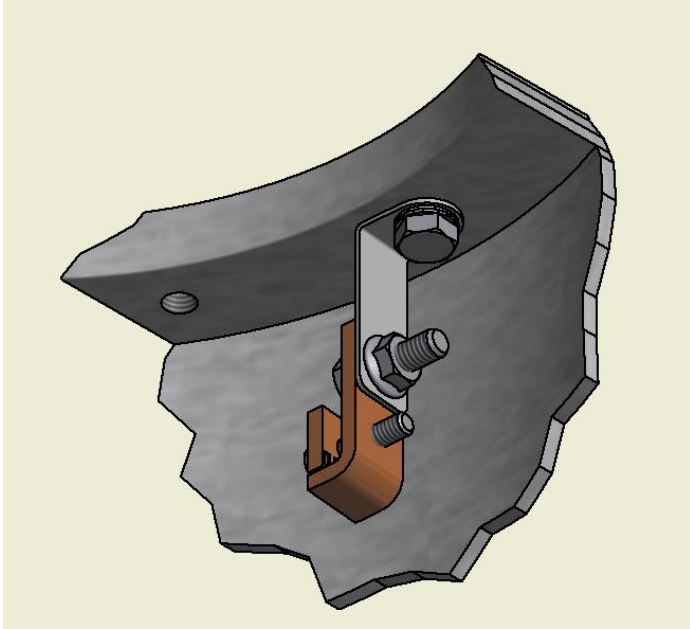
4. For Cover Plates and Heavy Base Plates (3/4" and thicker)



6124G HARDWARE PACKUP

AWS0927 & AWS0928 Retrofit

Grounding Bracket With AWS0919 Ground Clamp Assembly



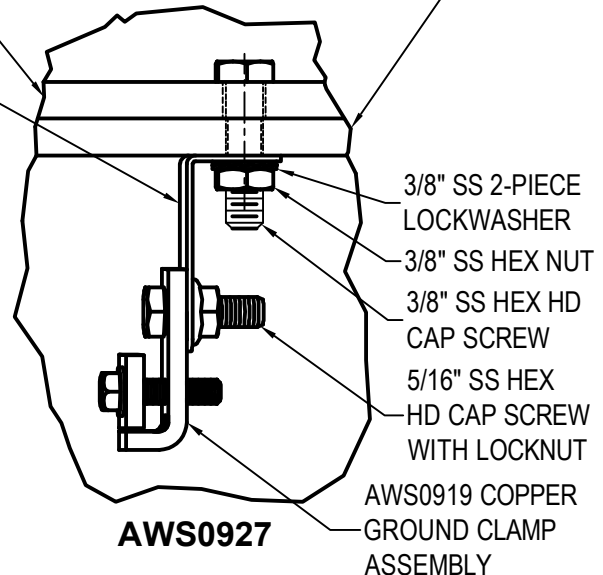
**AWS0928 RETROFIT GROUNDING BRACKET
WITH AWS0919 GROUND CLAMP ASSEMBLY**

SS RETROFIT GROUNDING
BRACKET $\frac{3}{4}$ " WIDE X 1" X 2"

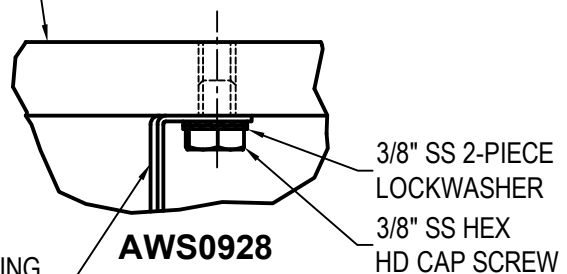
1. Material for Retrofit Grounding Bracket and all attaching hardware is 300 series stainless steel.
2. For L868 use one of (6) available tapped holes for attachment.
3. Drill & Tap an additional hole in Top Flange of L867 light Base
4. AWS0927 Retrofit Grounding Bracket Pickup consists of the following items:
 - (1) - SS Retrofit Grounding Bracket Pt.No. 8262
 - (1) - Copper Ground Clamp Assembly Pt.No. AWS0919
 - (1) - 3/8-16 x 1 $\frac{1}{2}$ " Lg Hex Head Cap Screw Pt.No. 1065-0205
 - (1) - $\frac{3}{8}$ " SS 2-Piece Lockwasher Pt.No. 1068-0607
 - (1) - $\frac{3}{8}$ " SS Hex Nut Pt.No. 1068-0719
 - (1) - 5/16-18 x 1 $\frac{1}{4}$ " Lg SS Hex Hd Cap Screw Pt.No. 1065-5031
 - (1) - 5/16-18 SS Locknut Pt.No. 1068-1778
5. AWS0928 Retrofit Grounding Bracket Pickup consists of the following items:
 - (1) - SS Retrofit Grounding Bracket Pt.No. 8262
 - (1) - Copper Ground Clamp Assembly Pt.No. AWS0919
 - (1) - 3/8-16 x 1 $\frac{1}{2}$ " Lg Hex Head Cap Screw Pt.No. 1065-1702
 - (1) - $\frac{3}{8}$ " SS 2-Piece Lockwasher Pt.No. 1068-0607
 - (1) - 5/16-18 x 1 $\frac{1}{4}$ " Lg hex Head Cap Screw Pt.No. 1065-5031
 - (1) - 5/16-18 Locknut Pt.No. 1068-1778

TOP FLANGE OF L868 BOTTOM SECTION, L868
MIDDLE SECTION OR L867 EDGE LIGHT BASE

BOTTOM FLANGE OF L868 TOP SECTION,
L868 EXTENSION OR L867 EXTENSION



L868 TOP FLANGE OF LIGHT BASE, TOP
SECTION OR EXTENSION - SEE NOTE #2
L867 TOP FLANGE -SEE NOTE #3



SS RETROFIT GROUNDING
BRACKET $\frac{3}{4}$ " WIDE X 1" X 2"