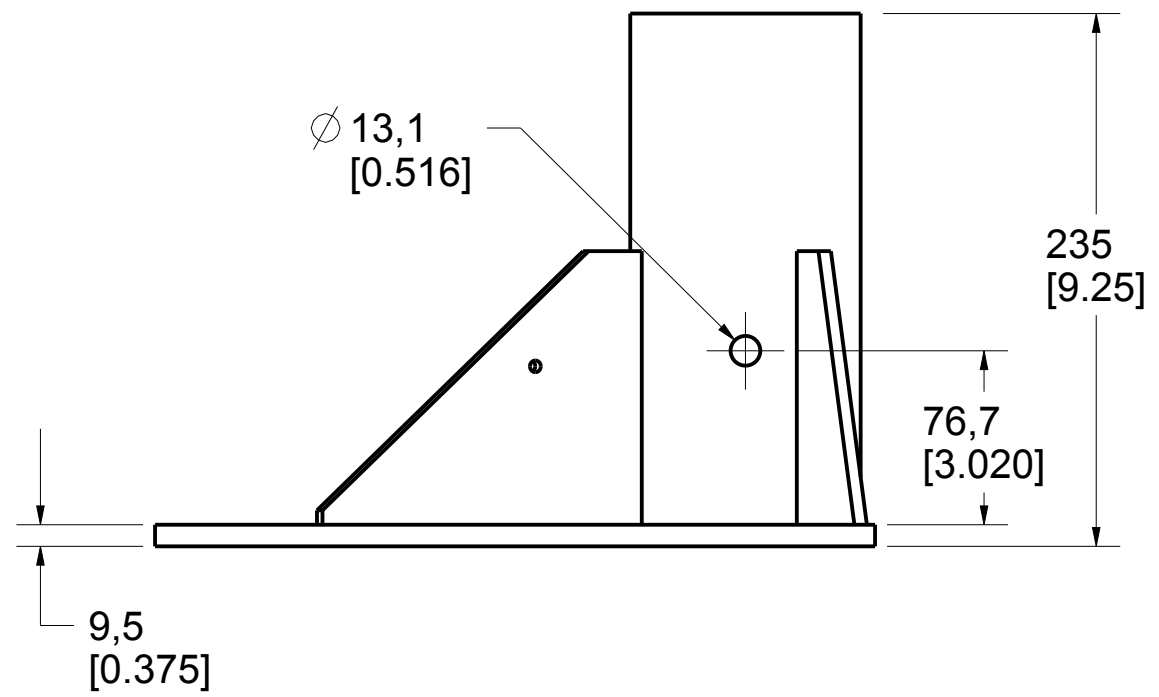
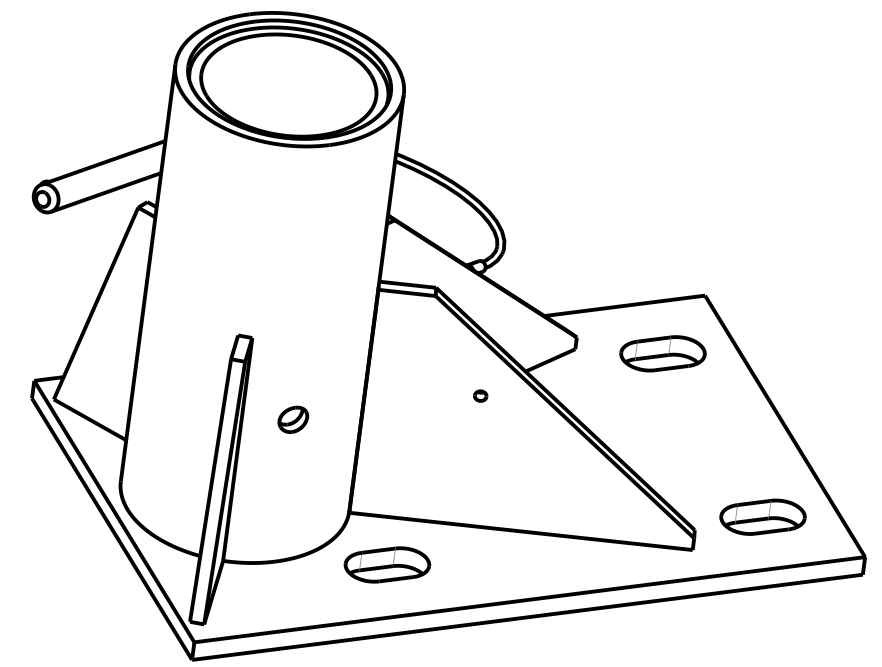
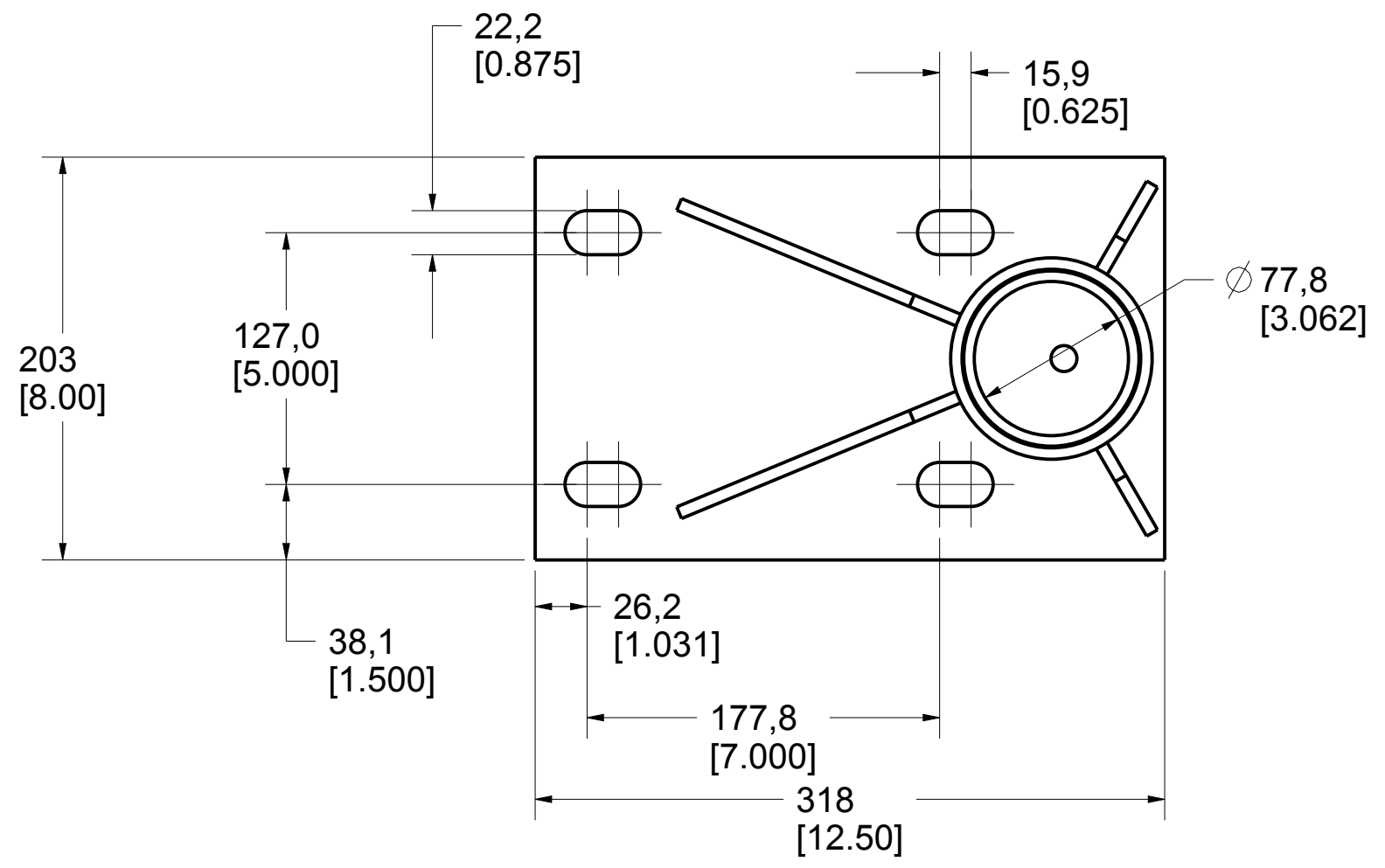


Product number: IN-2311

H
G
F
E
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B
A



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WEIGHT:	TITLE:			
22.0 Lb	76mm (3") Floor Adapter			
10.0 Kg				
COLOR:	Material:	SHEET(S):	PROJET:	Rev.
	SS 316	1 / 5	IN-2311	04

H
G
F
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C
B
A

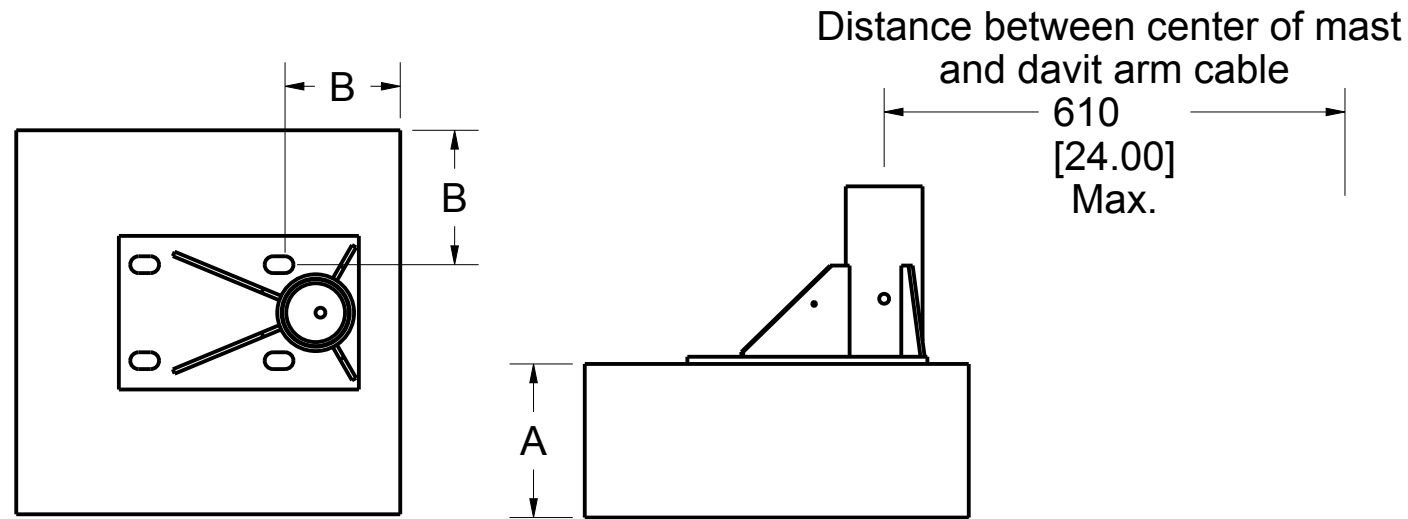
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8 7 6 5 4 3 2 1

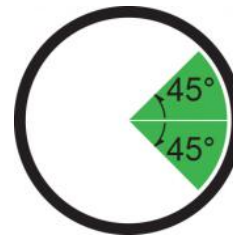
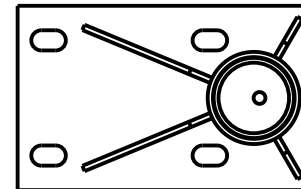
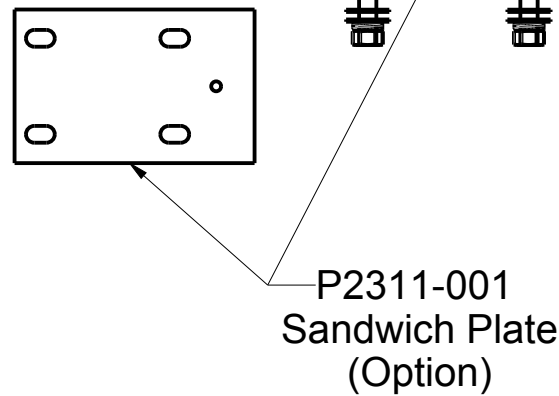
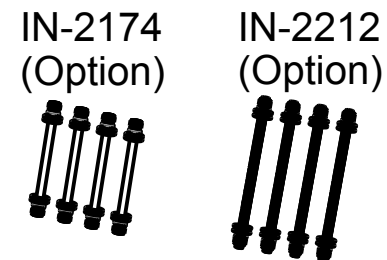
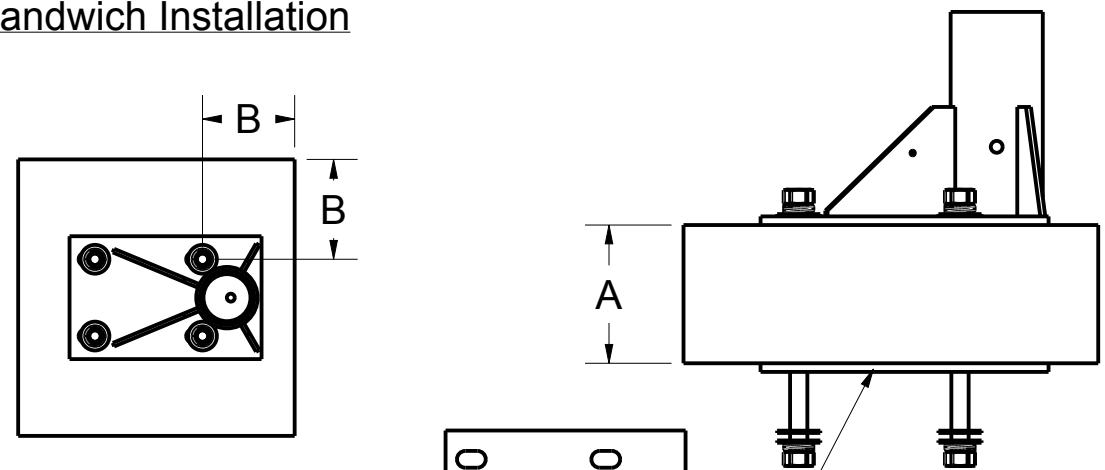
Base Installation Requirements

Product number: **IN-2311**

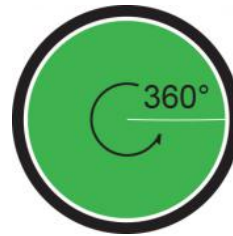
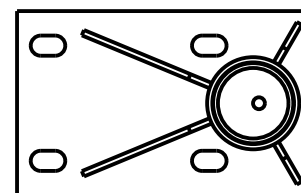
Full Thickness Installation



Sandwich Installation



Permissible Working Angle



Permissible Angle of Recuperation

ANSI, CSA, OSHA

	Full thickness	Example *	Sandwich	Example *
Minimum thickness (A)	Refer to fastener manufacturer specifications	203 mm (8.00")	To be determined by the local engineer	152 mm (6.00")
Minimum edge distance (B)	Refer to fastener manufacturer specifications	152 mm (6.00")	To be determined by the local engineer	152 mm (6.00")
Embedment depth	Refer to fastener manufacturer specifications	152 mm (6.00")	N / A	N / A
Minimum pullout strength per fastener	18,7 kN (4 204 lbf)	18,7 kN (4 204 lbf)	18,7 kN (4 204 lbf)	18,7 kN (4 204 lbf)
Maximum moment applied to the structure	9,8 kN•m (86 400 lbf•in)	9,8 kN•m (86 400 lbf•in)	9,8 kN•m (86 400 lbf•in)	9,8 kN•m (86 400 lbf•in)
Maximum vertical load applied to the structure	22,3 kN (5 000 lbf)	22,3 kN (5 000 lbf)	22,3 kN (5 000 lbf)	22,3 kN (5 000 lbf)

Note:

1. It is the responsibility of the local engineer to assure installation compliance.
2. To be installed with 3/4" (M20) minimum ϕ stainless steel anchors. Smaller anchors must be validated by the local engineer.
3. All other variation must be approved by the local engineer.
4. *Typical installation concrete for 21 MPa (3000 psi) and 0.2% gross area rebar reinforcement.
5. Tolerance of flatness around adapter contour and wall shall not exceed 3/8" (9,5mm).

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WEIGHT:

22.0 Lb
10.0 Kg

TITLE:

76mm (3") Floor Adapter

COLOR:

Material:
SS 316

SHEET(S):

2 / 5

PROJET:

IN-2311

Rev.

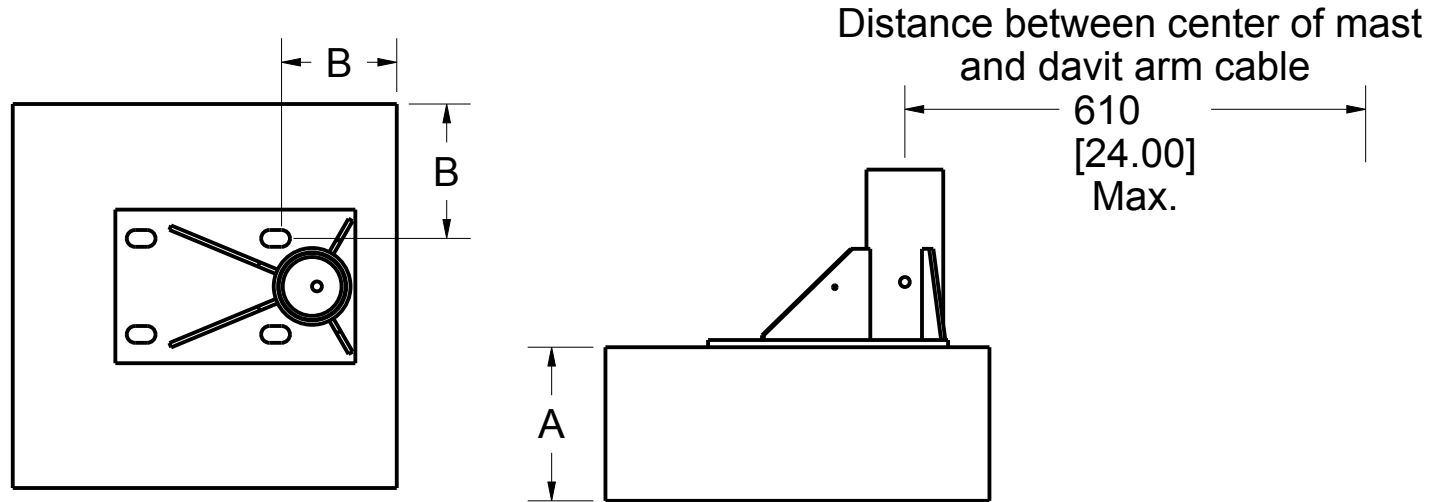
04

Base Installation Requirements

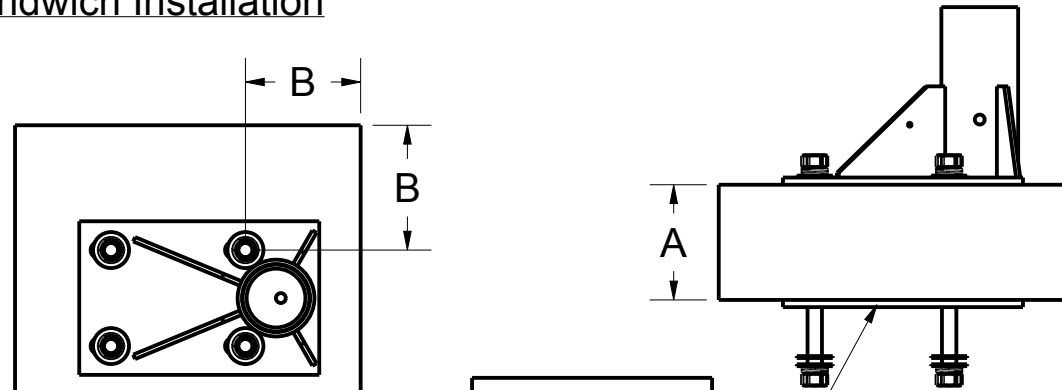
Product number: **IN-2311**

EN 795, TS16415

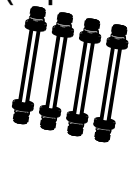
Full Thickness Installation



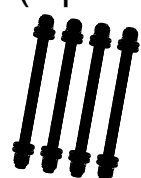
Sandwich Installation



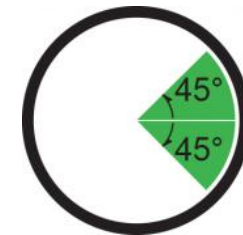
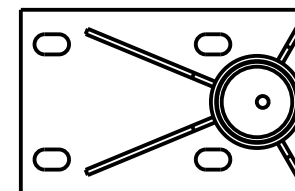
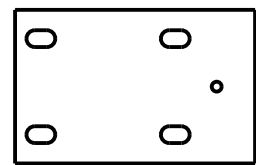
IN-2174
(Option)



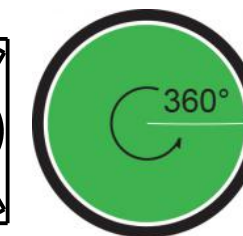
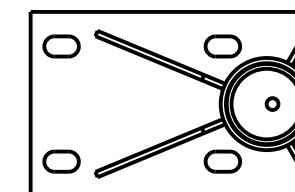
IN-2212
(Option)



P2311-001
Sandwich Plate
(Option)



Permissible Working Angle

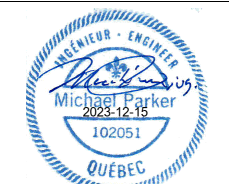


Permissible Angle of Recuperation

	Full thickness	Sandwich
Minimum thickness (A)	Refer to fastener manufacturer specifications	To be determined by the local engineer
Minimum edge distance (B)	Refer to fastener manufacturer specifications	To be determined by the local engineer
Embedment depth	Refer to fastener manufacturer specifications	To be determined by the local engineer
Minimum pullout strength per fastener	15,2 kN (3 417 lbf)	15,2 kN (3 417 lbf)
Maximum moment applied to the structure	7,9 kN•m (69 921 lbf•in)	7,9 kN•m (69 921 lbf•in)
Maximum vertical load applied to the structure	13,0 kN (2 923 lbf)	13,0 kN (2 923 lbf)

- Note:
1. It is the responsibility of the local engineer to assure installation compliance.
 2. To be installed with 3/4" (M20) minimum \varnothing stainless steel anchors. Smaller anchors must be validated by the local engineer.
 3. All other variation must be approved by the local engineer.
 4. Tolerance of flatness around adapter contour and wall shall not exceed 3/8" (9,5mm).

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WEIGHT:

22.0 Lb
10.0 Kg

TITLE:

76mm (3") Floor Adapter

COLOR:

Material:

SS 316

SHEET(S):

3 / 5

PROJET:

IN-2311

Rev.

04

SPECIFICATIONS

This equipment is considered as part of a personal fall arrest system (PFAS).
 It is only to be used in conjunction with a personal fall arrest system that limits the maximum arrest force (MAF) to 6,0 kN.

Working load limit (WLL) :	164 kg	(360 lb)
Minimum breaking strength :	16,0 kN	(3 600 lbf)
Maximum working moment :	0,976 kN•m	(8 640 lbf•in)
Maximum design moment :	9,8 kN•m	(86 400 lbf•in)

STANDARDS

Name	Classification	Year	Users
ANSI Z359.1		2007	1
CSA Z259.2.1		1998	1
OSHA 1910.66 AppC			1
EN 795		2012	1
TS 16415		2013	2

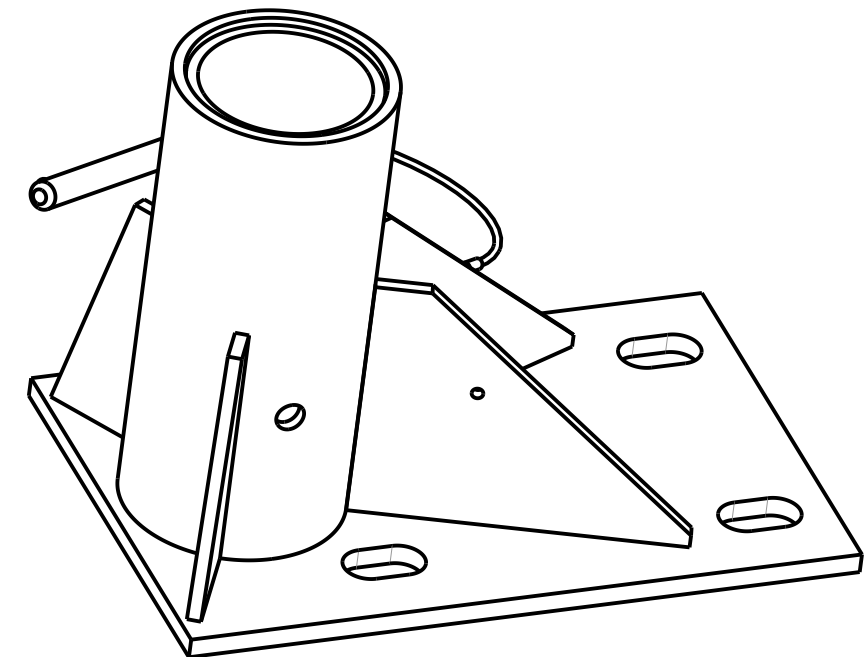
MATERIAL AND CONSTRUCTION

Structure : Stainless Steel 316
 Hardware : Stainless Steel
 Welding certification : Steel / Stainless Steel : CSA W59.18 / CSA W47.1 and AWS D1.6

RESTRICTIONS

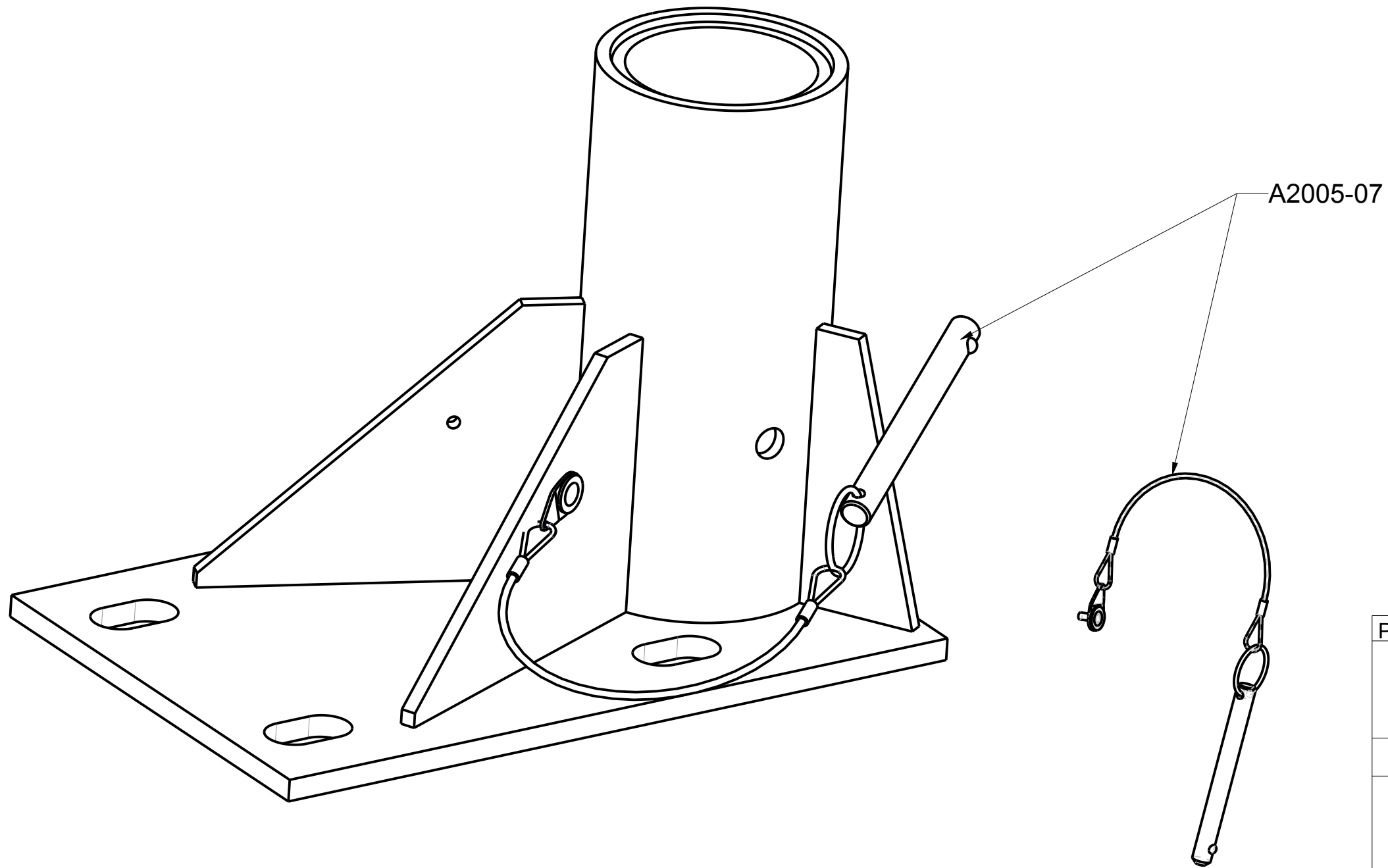
This equipment is to be used only with products approved by Innova Public Utility Products Inc.
 This equipment must always be operated on a level surface.
 Ensure that all hardwares and connecting pins are properly installed before use.
 In the occurrence of a fall or that the safety of the equipment is in doubt, the equipment must be immediately removed from service and inspected by qualified personnel before reuse.


Product number: **IN-2311**



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WEIGHT:	TITLE:			
22.0 Lb	76mm (3") Floor Adapter			
10.0 Kg				
COLOR:	Material:	SHEET(S):	PROJET:	Rev.
	SS 316	4 / 5	IN-2311	04

Product number: IN-2311



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WEIGHT:	TITLE:			
22.0 Lb	76mm (3") Floor Adapter			
10.0 Kg				
COLOR:	Material:	SHEET(S):	PROJET:	Rev.
	SS 316	5 / 5	IN-2311	04