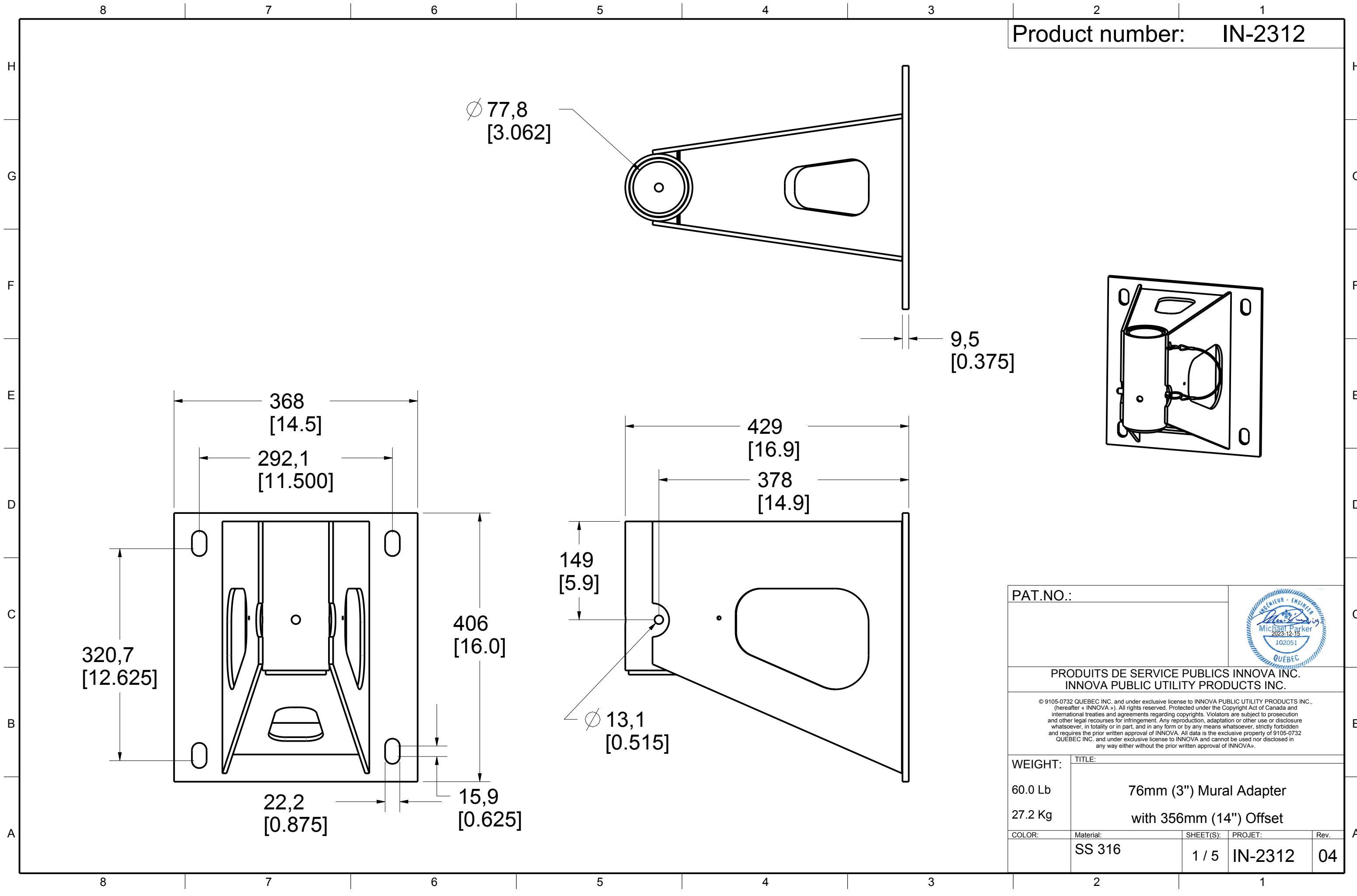



Product number: IN-2312

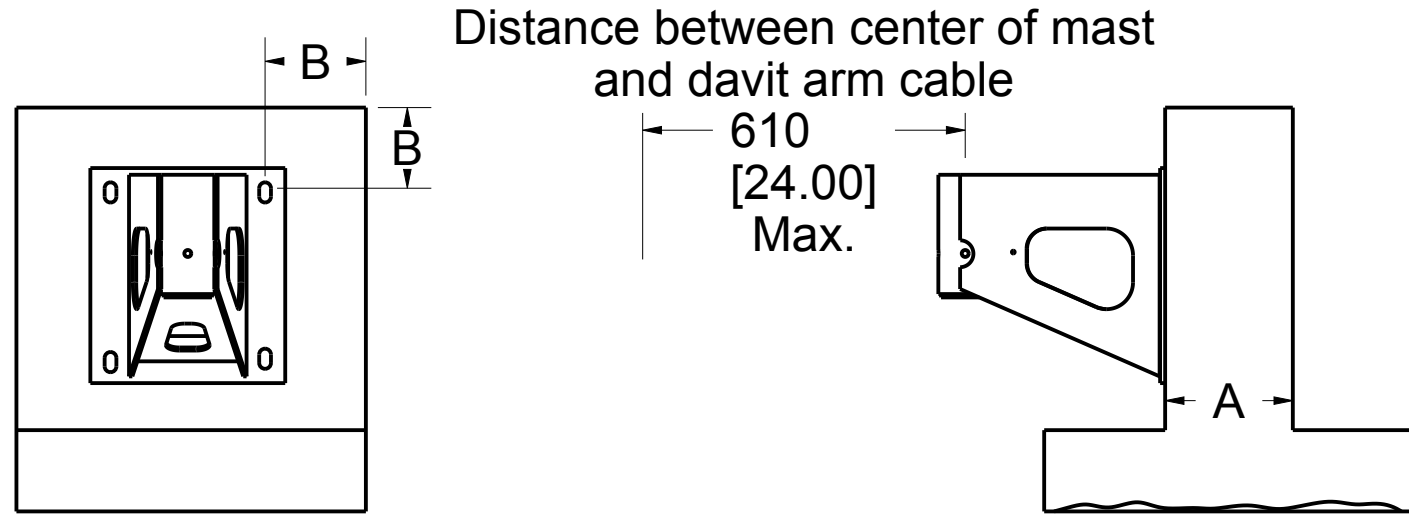


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WEIGHT:	TITLE:			
60.0 Lb	76mm (3") Mural Adapter			
27.2 Kg	with 356mm (14") Offset			
COLOR:	Material:	SHEET(S):	PROJET:	Rev.
	SS 316	1 / 5	IN-2312	04

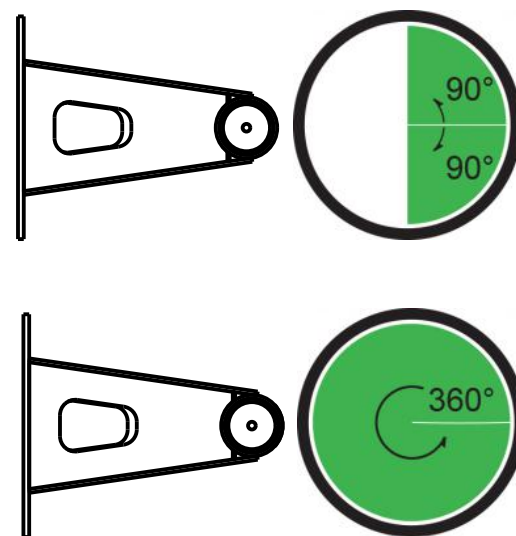
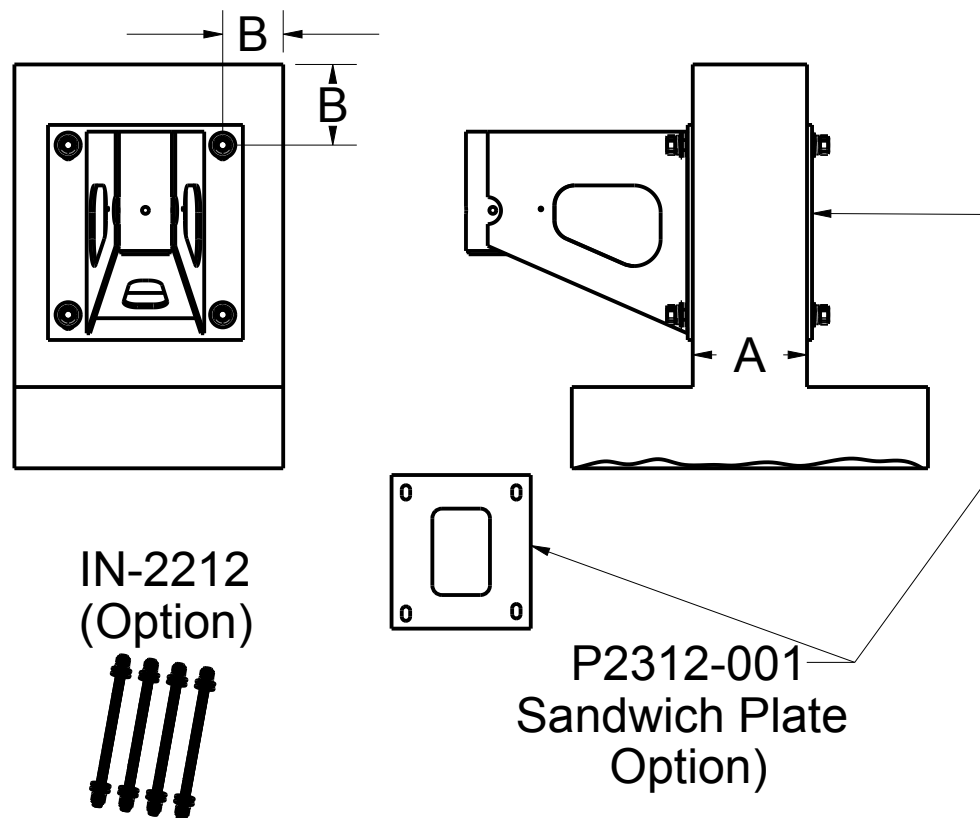
Mural Adapter Installation Requirements

Product number: **IN-2312**

Full Thickness Installation



Sandwich Installation



ANSI, CSA, OSHA

	Full thickness	Example *	Sandwich	Example *
Minimum thickness (A)	Refer to fastener manufacturer specifications	241 mm (9.50")	To be determined by the local engineer	216 mm (8.50")
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	22,9 kN (5 148 lbf)	22,9 kN (5 148 lbf)	22,9 kN (5 148 lbf)	22,9 kN (5 148 lbf)
Maximum moment applied to the structure	15,8 kN•m (139 842 lbf•in)	15,8 kN•m (139 842 lbf•in)	15,8 kN•m (139 842 lbf•in)	15,8 kN•m (139 842 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:

60.0 Lb
27.2 Kg

TITLE:

76mm (3") Mural Adapter
with 356mm (14") Offset

COLOR:

Material:
SS 316

SHEET(S):

2 / 5

PROJET:

IN-2312

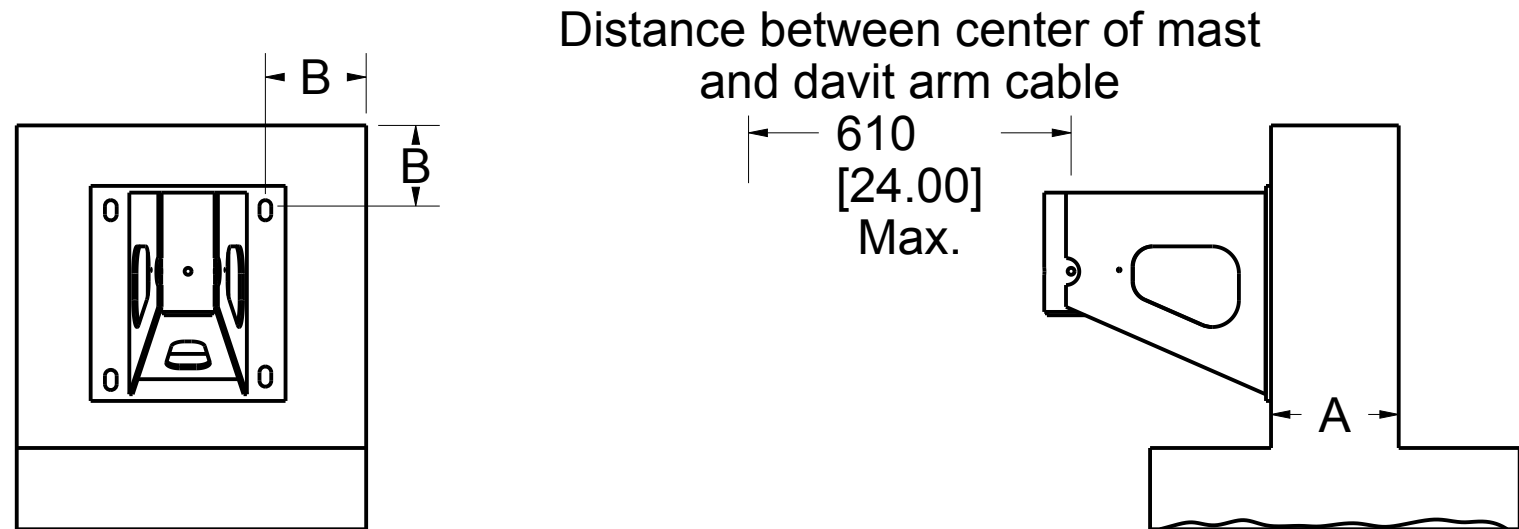
Rev.

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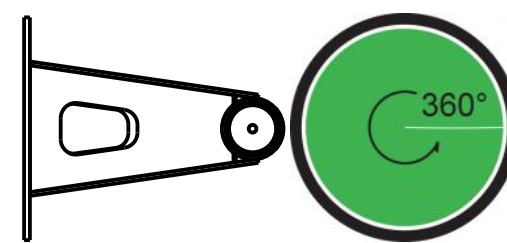
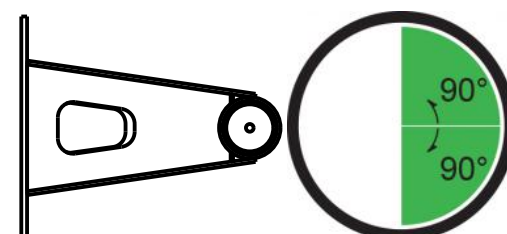
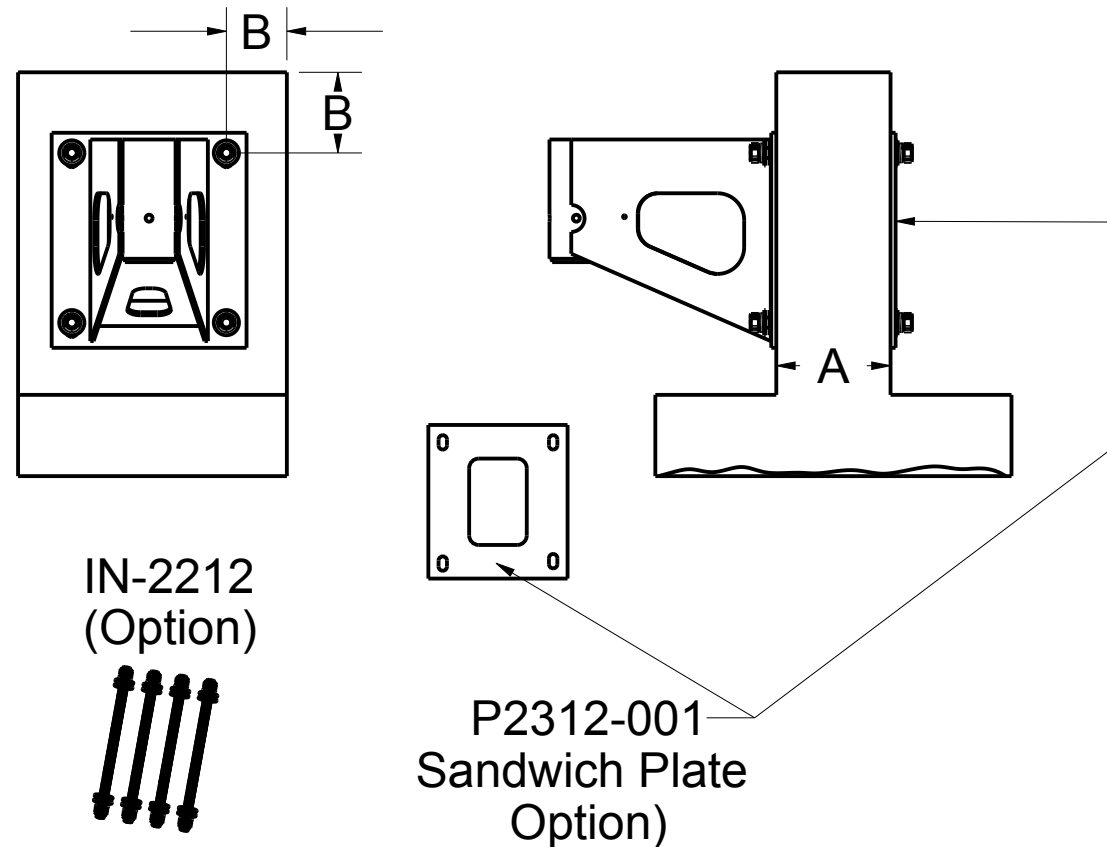
Mural Adapter Installation Requirements

Product number: **IN-2312**

Full Thickness Installation



Sandwich Installation



EN 795, TS16415		
	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	N / A
Minimum pullout strength per fastener	18,6 kN (4 181 lbf)	18,6 kN (4 181 lbf)
Maximum moment applied to the structure	12,8 kN•m (113 289 lbf•in)	12,8 kN•m (113 289 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 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. Tolerance of flatness around adapter contour and wall shall not exceed 3/8" (9,5mm).

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60.0 Lb 27.2 Kg	76mm (3") Mural Adapter with 356mm (14") Offset			
COLOR:	Material:	SHEET(S):	PROJET:	Rev.
	SS 316	3 / 5	IN-2312	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 :	1,580 kN•m	(13 984 lbf•in)
Maximum design moment :	15,8 kN•m	(139 842 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

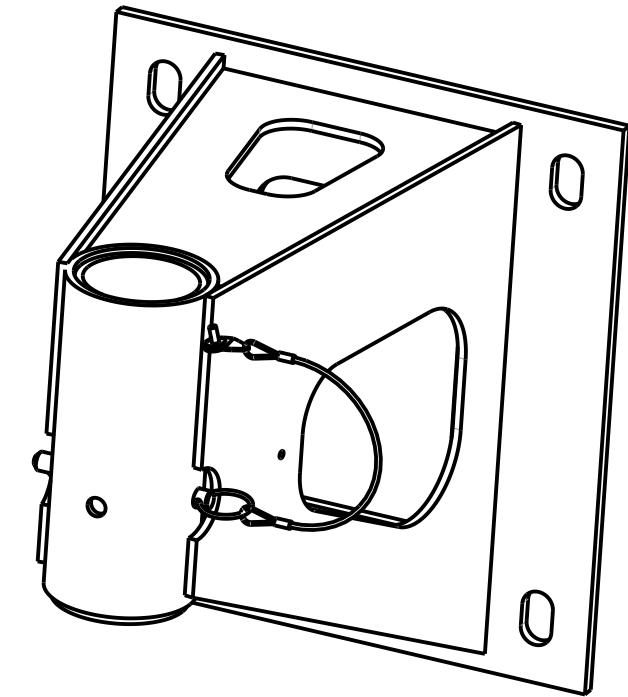
MATERIAL AND CONSTRUCTION

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-2312**



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27.2 Kg				
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	SS 316	4 / 5	IN-2312	04

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Product number: IN-2312

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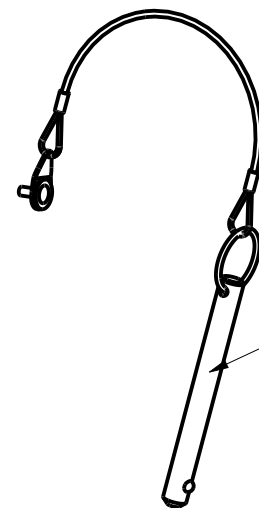
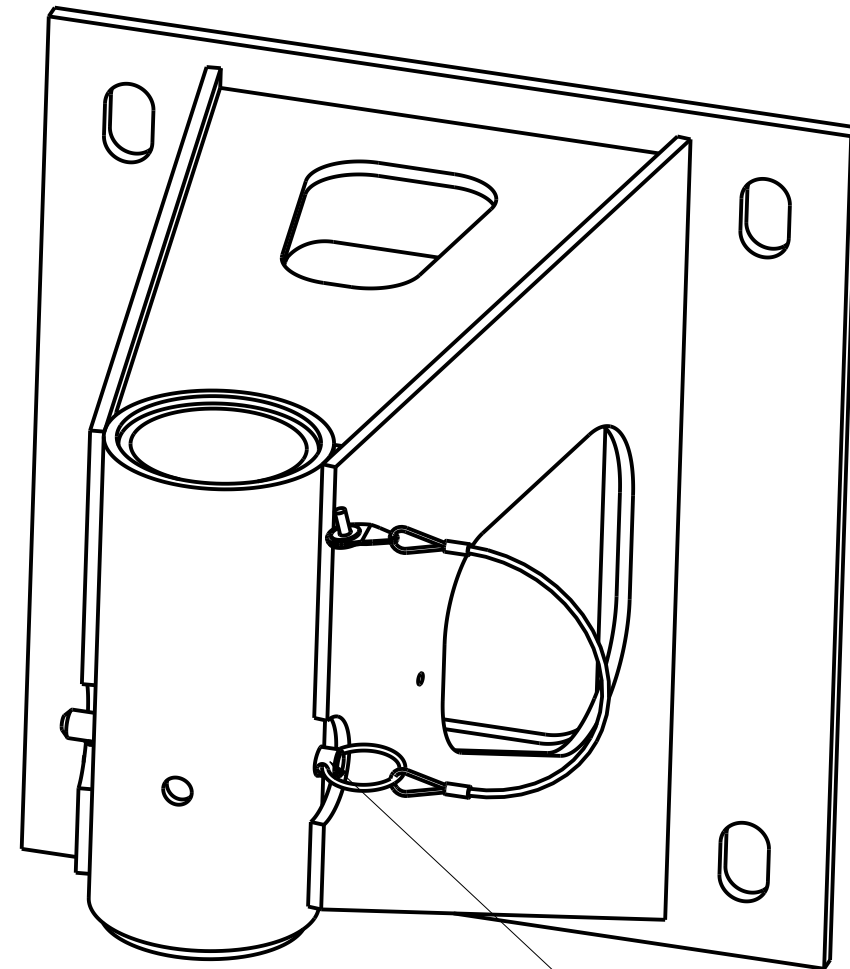
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	SS 316	5 / 5	IN-2312	04

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