



Fall Protection

**3M™ DBI-SALA®
Anchor and Cable
System for Roofs**

Technical Data Sheets

Technical Data Sheet	Description	Page
1426	Typical Anchor and Cable System	3
1427	Typical Trapezoidal Anchor	4
1428	Typical Standing Seam Anchor	5
1429	Typical Bitumen Anchor	6
1430	Typical PVC Anchor	7
1431	Typical All Membrane Anchor	8
7240128	Anchor Baseplate 405 x 405 H	9
7241136	Anchor Baseplate 405 x 405 H	10
7241137	Anchor Baseplate 405 x 405 BL	11
7241138	Anchor Baseplate 350 x 440 H	12
7241139	Anchor Baseplate 350 x 440 BL	13
7241238	Anchor Baseplate 450 x 550 H	14
7241140	Anchor Baseplate 550 x 450 BL	15
7241356	Anchor Baseplate 450 x 660 H	16
7241357	Anchor Baseplate 450 x 660 BL	17
7241149	Anchor Module End / Corner Top Fix	18
7241150	Anchor Module Intermediate Top Fix	19
7241151	Anchor Module End / Corner Bitumen	20
7241152	Anchor Module Intermediate Bitumen	21
7241153	Anchor Module End / Corner PVC	22
7241154	Anchor Module Intermediate PVC	23
7241155	Anchor Module End / Corner All Membrane	24
7241156	Anchor Module Intermediate All Membrane	25
7240166	8mm Hex Swage Tensioner	26
7241429	Dampener, Small	27
7241430	Hex Swage Stud, Pass Through	28
7234011	Hex Swage Toggle	29
7234246	Hex Swage Toggle, Ball Stop Shoulder	30
7234012	Hex Joiner	31
7240211	8mm 7x7 SS Cable	32
7200691	8mm Detachable Traveler	33
7241420	Detachable Traveler - No Wheels	34
7241408	90-Degree Post-Mount Corner Bracket	35
7241411	45-Degree Post-Mount Corner Bracket	36
7241413	Variable Intermediate Bracket	37

Technical Data Sheet	Description	Page
7241412	Intermediate Bracket	38
7241161	Anchor System Eye & Pin	39
7241168	RA Single Point Eye	40
7241166	Anchor Throw Plate Kit	41
7234005	7.7 Rivet	42
7234028	Maxi Clamp Z	43
7234008	Maxi Clamp E	44
7234029	Maxi Clamp U	45
7241180	Anchor Concrete Fixing 150mm x 4	46
7241181	Anchor Concrete Fixing 300mm x 4	47
7241279	Anchor Concrete Fixing 500mm x 4	48
7241182	Anchor Toggle Fixing 150mm x 4	49
7241183	Anchor Toggle Fixing 300mm x 4	50
7241280	Anchor Toggle Fixing 500mm x 4	51
7241236	Anchor Standing Seam Bearer	52
7241175	Anchor Standing Seam Bearer 600mm	53
7241316	Anchor Standing Seam Bearer 610mm (24")	54
7241232	Anchor Tag EMEA LA	55

TECHNICAL DATA SHEET: 1426

Typical Anchor and Cable System

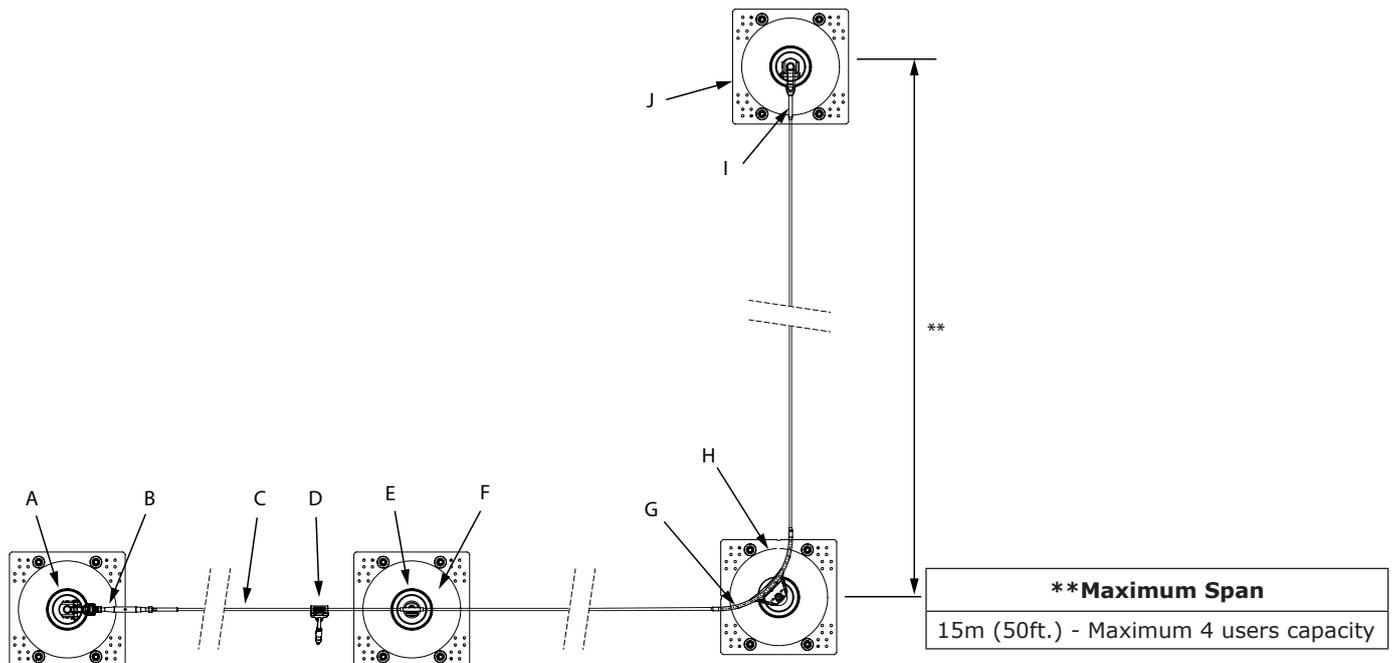


Fall Protection

APPLICATION:

The 3M™ DBI-SALA® Anchor and Cable System for Roofs is a horizontal lifeline system that allows continuous uninterrupted access to all areas of a roof.

In multiple-span horizontal lifeline systems, designed under ANSI Z359.6 or CSA Z259.16 to permit multiple users in multiple spans, it is the responsibility of the installer (and not of 3M) to include in the system documentation, the design considerations and details which ensure a single event or circumstance will not causing multiple users in multiple spans to fall within a very short time.



	Component	Part Number
A	RoofSafe Anchor System Eye & Pin	7241161
B	8mm Hex Swage Tensioner	7240166
C	8mm 7x7 SS Cable	7240211
D	Detachable Traveler - No Wheels 8mm Detachable Traveler	7241420* 7200691*
E	Intermediate Bracket	7241412
F	Anchor Module Intermediate Top Fix Anchor Module Intermediate Bitumen Anchor Module Intermediate PVC Anchor Module Intermediate All Membrane	7241150* 7241152 7241154* 7241156*
G	90-Degree Post-Mount Corner Bracket 45-Degree Post-Mount Corner Bracket Variable Intermediate Bracket	7241408 7241411* 7241413*
H	Anchor Module End / Corner Bitumen Anchor Module End / Corner Top Fix Anchor Module End / Corner PVC Anchor Module End / Corner All Membrane	7241151 7241149* 7241153* 7241155*
I	Hex Swage Toggle	7234011
J	Anchor Baseplate 405 x 405 H Anchor Baseplate 405 x 405 H Anchor Baseplate 405 x 405 BL Anchor Baseplate 350 x 440 H Anchor Baseplate 550 x 450 BL Anchor Baseplate 450 x 660 BL Anchor Baseplate 450 x 660 H	7240128* 7241136 7241137* 7241138* 7241140* 7241357* 7241356*

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 1427

Typical Trapezoidal Anchor

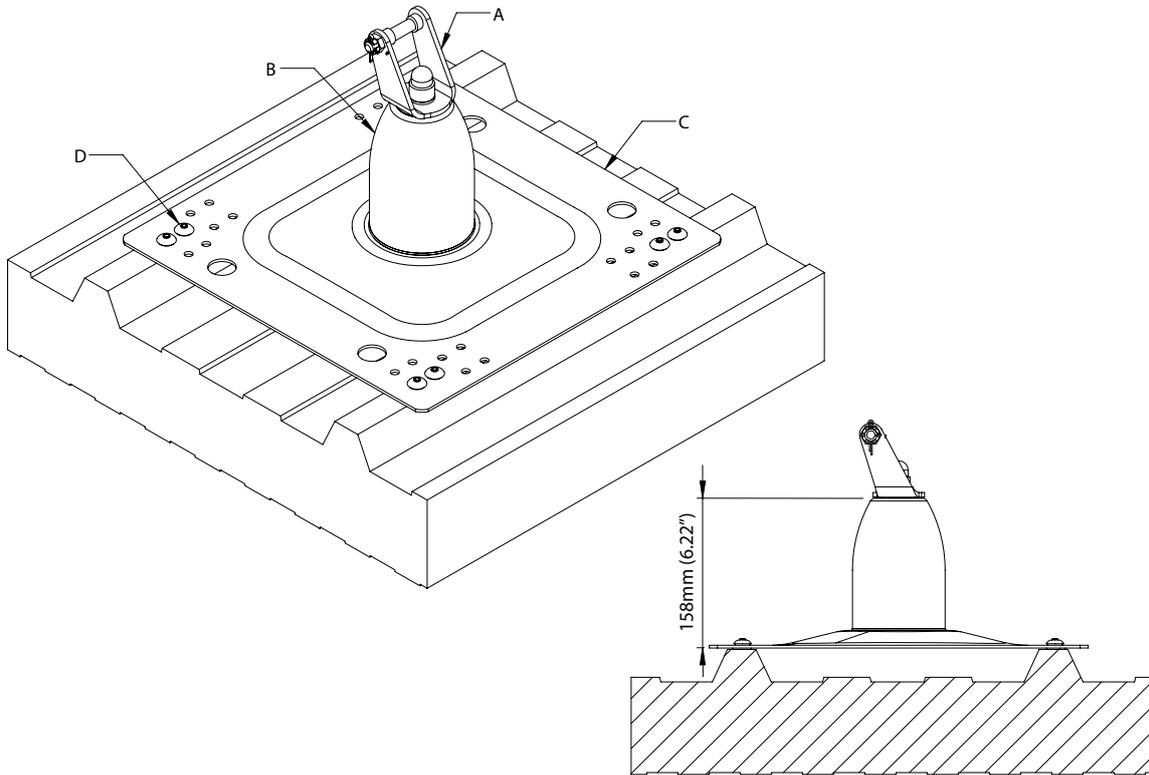


APPLICATION:

Select appropriate top component (A), module (B), baseplate (C) and fixings (D) to make up the correct configuration.

Note: For fitting to River-Therm and SpeedDeck roof types, please refer to data sheets for the relevant support bearers.

For more detailed component information, refer to the individual data sheets.



	Component	Part Number
A	90-Degree Post-Mount Corner Bracket	7241408*
	45-Degree Post-Mount Corner Bracket	7241411*
	Variable Intermediate Bracket	7241413*
	Intermediate Bracket	7241412*
	Anchor System Eye & Pin	7241161
	RA Single Point Eye EMEA	7241167*
B	Anchor Module End / Corner Top Fix	7241149*
	Anchor Module Intermediate Top Fix	7241150*
C	Anchor Baseplate 405 x 405 H	7241136
	Anchor Baseplate 405 x 405 BL	7241137*
	Anchor Baseplate 350 x 440 H	7241138*
	Anchor Baseplate 350 x 440 BL	7241139*
	Anchor Baseplate 450 x 550 H	7241238*
	Anchor Baseplate 550 x 450 BL	7241140*
	Anchor Baseplate 450 x 660 H	7241356*
	Anchor Baseplate 450 x 660 BL	7241357*
D	7.7 Rivet	7234005

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 1428

Typical Standing Seam Anchor

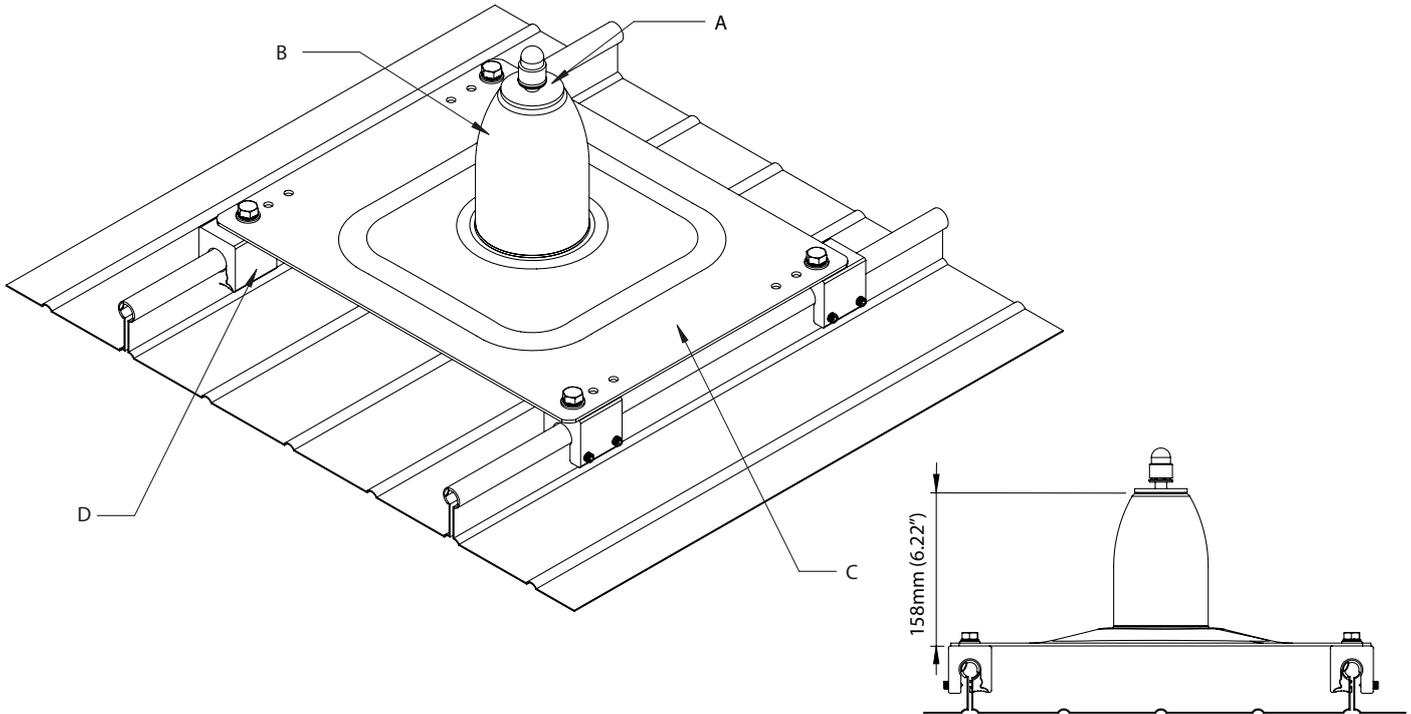


APPLICATION:

Select appropriate top component (A), module (B), baseplate (C) and fixings (D) to make up the correct configuration.

Note: For fitting to River-Therm and SpeedDeck roof types, please refer to data sheets for the relevant support bearers.

For more detailed component information, refer to the individual data sheets.



	Component	Part Number
A	90-Degree Post-Mount Corner Bracket	7241408*
	45-Degree Post-Mount Corner Bracket	7241411*
	Variable Intermediate Bracket	7241413*
	Intermediate Bracket	7241412*
	Anchor System Eye & Pin	7241161*
	RA Single Point Eye EMEA	7241167*
B	Anchor Module End / Corner Top Fix	7241149*
	Anchor Module Intermediate Top Fix	7241150*
C	Anchor Baseplate 405 x 405 BL	7241137*
	Anchor Baseplate 350 x 440 H	7241138
	Anchor Baseplate 350 x 440 BL	7241139*
	Anchor Baseplate 450 x 550 H	7241238*
	Anchor Baseplate 550 x 450 BL	7241140*
	Anchor Baseplate 450 x 660 H	7241356*
	Anchor Baseplate 450 x 660 BL	7241357*
D	Maxi Clamp E	7234008*
	Maxi Clamp U	7234029*
	Maxi Clamp Z	7234028*

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 1429

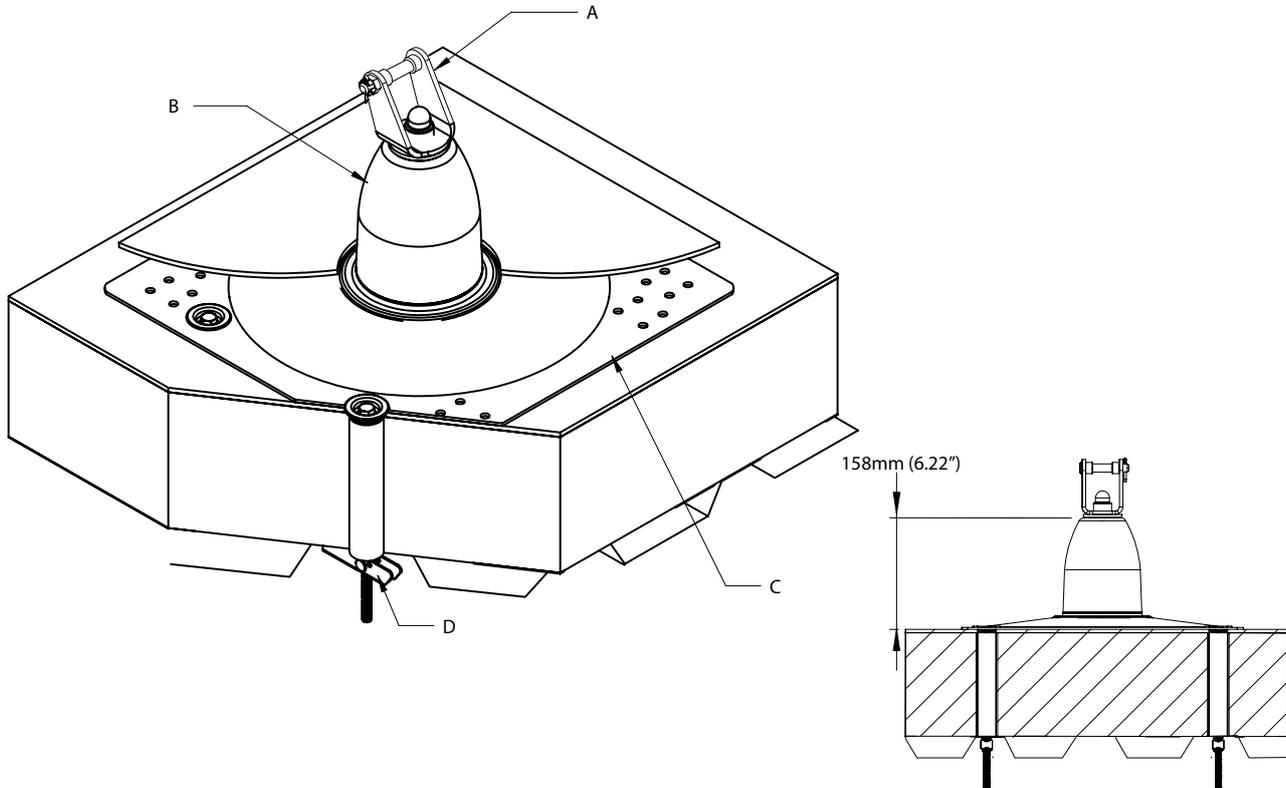
Typical Bitumen Anchor



APPLICATION:

Select appropriate top component (A), module (B), baseplate (C) and fixings (D) to make up the correct configuration.

For more detailed component information, refer to the individual data sheets.



	Component	Part Number
A	90-Degree Post-Mount Corner Bracket	7241408*
	45-Degree Post-Mount Corner Bracket	7241411*
	Variable Intermediate Bracket	7241413*
	Intermediate Bracket	7241412*
	Anchor System Eye & Pin	7241161
	RA Single Point Eye EMEA	7241167*
B	Anchor Module End / Corner Bitumen	7241151*
	Anchor Module Intermediate Bitumen	7241152*
C	Anchor Baseplate 405 x 405 H	7241136
	Anchor Baseplate 405 x 405 H	7240128*
	Anchor Baseplate 405 x 405 BL	7241137*
	Anchor Baseplate 350 x 440 H	7241138*
	Anchor Baseplate 350 x 440 BL	7241139*
	Anchor Baseplate 550 x 450 BL	7241140*
	Anchor Baseplate 450 x 660 BL	7241357*
D	Anchor Toggle Fixing 150mm x 4	7241182
	Anchor Toggle Fixing 300mm x 4	7241183*
	Anchor Concrete Fixing 500mm x 4	7241279*
	Anchor Concrete Fixing 150mm x 4	7241180*
	Anchor Concrete Fixing 300mm x 4	7241181*
	Anchor Toggle Fixing 500mm x 4	7241280*

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 1430

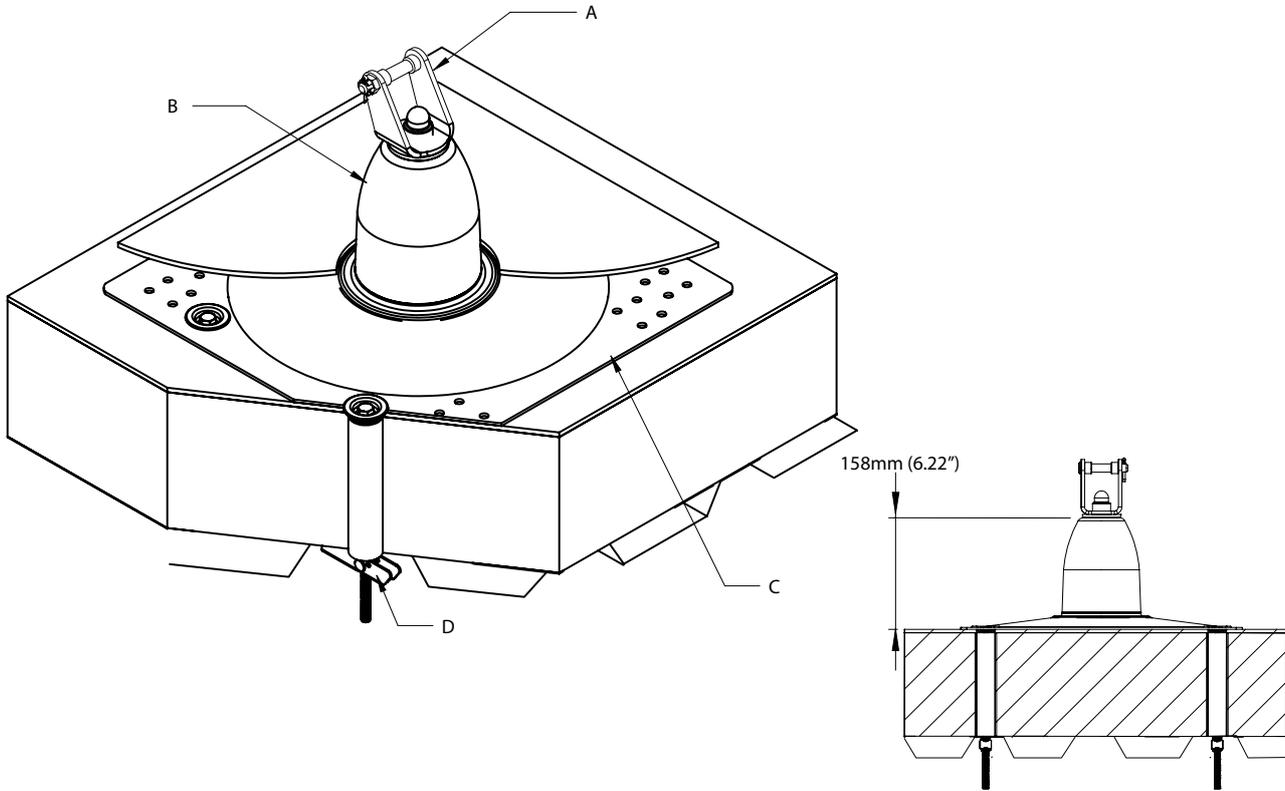
Typical PVC Anchor



APPLICATION:

Select appropriate top component (A), module (B), baseplate (C) and fixings (D) to make up the correct configuration.

For more detailed component information, refer to the individual data sheets.



	Component	Part Number
A	90-Degree Post-Mount Corner Bracket	7241408*
	45-Degree Post-Mount Corner Bracket	7241411*
	Variable Intermediate Bracket	7241413*
	Intermediate Bracket	7241412*
	Anchor System Eye & Pin	7241161
	RA Single Point Eye EMEA	7241167*
B	Anchor Module End / Corner PVC	7241153
	Anchor Module Intermediate PVC	7241154*
C	Anchor Baseplate 405 x 405 H	7241136
	Anchor Baseplate 405 x 405 H	7240128*
	Anchor Baseplate 405 x 405 BL	7241137*
	Anchor Baseplate 350 x 440 H	7241138*
	Anchor Baseplate 350 x 440 BL	7241139*
	Anchor Baseplate 550 x 450 BL	7241140*
	Anchor Baseplate 450 x 660 BL	7241357*
D	Anchor Toggle Fixing 150mm x 4	7241182
	Anchor Toggle Fixing 300mm x 4	7241183*
	Anchor Concrete Fixing 500mm x 4	7241279*
	Anchor Concrete Fixing 150mm x 4	7241180*
	Anchor Concrete Fixing 300mm x 4	7241181*
	Anchor Toggle Fixing 500mm x 4	7241280*

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 1431

Typical All Membrane Anchor

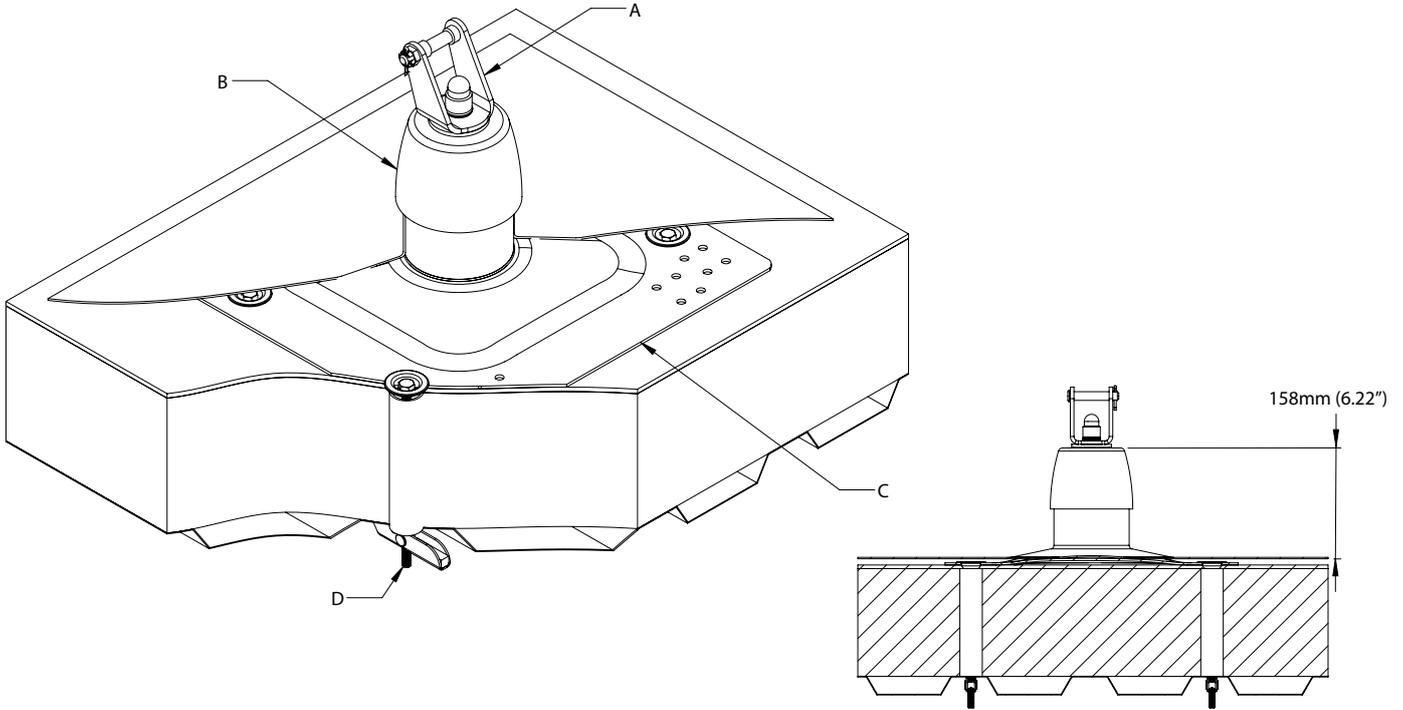


APPLICATION:

Select appropriate top component (A), module (B), baseplate (C) and fixings (D) to make up the correct configuration.

Note: Sealing of the roof anchor should be done to the membrane manufacturer's technical specification.

For more detailed component information, refer to the individual data sheets.



	Component	Part Number
A	90-Degree Post-Mount Corner Bracket	7241408*
	45-Degree Post-Mount Corner Bracket	7241411*
	Variable Intermediate Bracket	7241413*
	Intermediate Bracket	7241412*
	Anchor System Eye & Pin	7241161
	RA Single Point Eye EMEA	7241167*
B	Anchor Module End / Corner All Membrane	7241155*
	Anchor Module Intermediate All Membrane	7241156*
C	Anchor Baseplate 405 x 405 H	7241136
	Anchor Baseplate 405 x 405 H	7240128*
	Anchor Baseplate 405 x 405 BL	7241137*
	Anchor Baseplate 350 x 440 H	7241138*
	Anchor Baseplate 350 x 440 BL	7241139*
	Anchor Baseplate 550 x 450 BL	7241140*
	Anchor Baseplate 450 x 660 BL	7241357*
D	Anchor Toggle Fixing 150mm x 4	7241182
	Anchor Toggle Fixing 300mm x 4	7241183*
	Anchor Concrete Fixing 500mm x 4	7241279*
	Anchor Concrete Fixing 150mm x 4	7241180*
	Anchor Concrete Fixing 300mm x 4	7241181*
	Anchor Toggle Fixing 500mm x 4	7241280*

*This item is different from the one illustrated.

TECHNICAL DATA SHEET: 7240128

Anchor Baseplate 405 x 405 H

Part No: 7240128

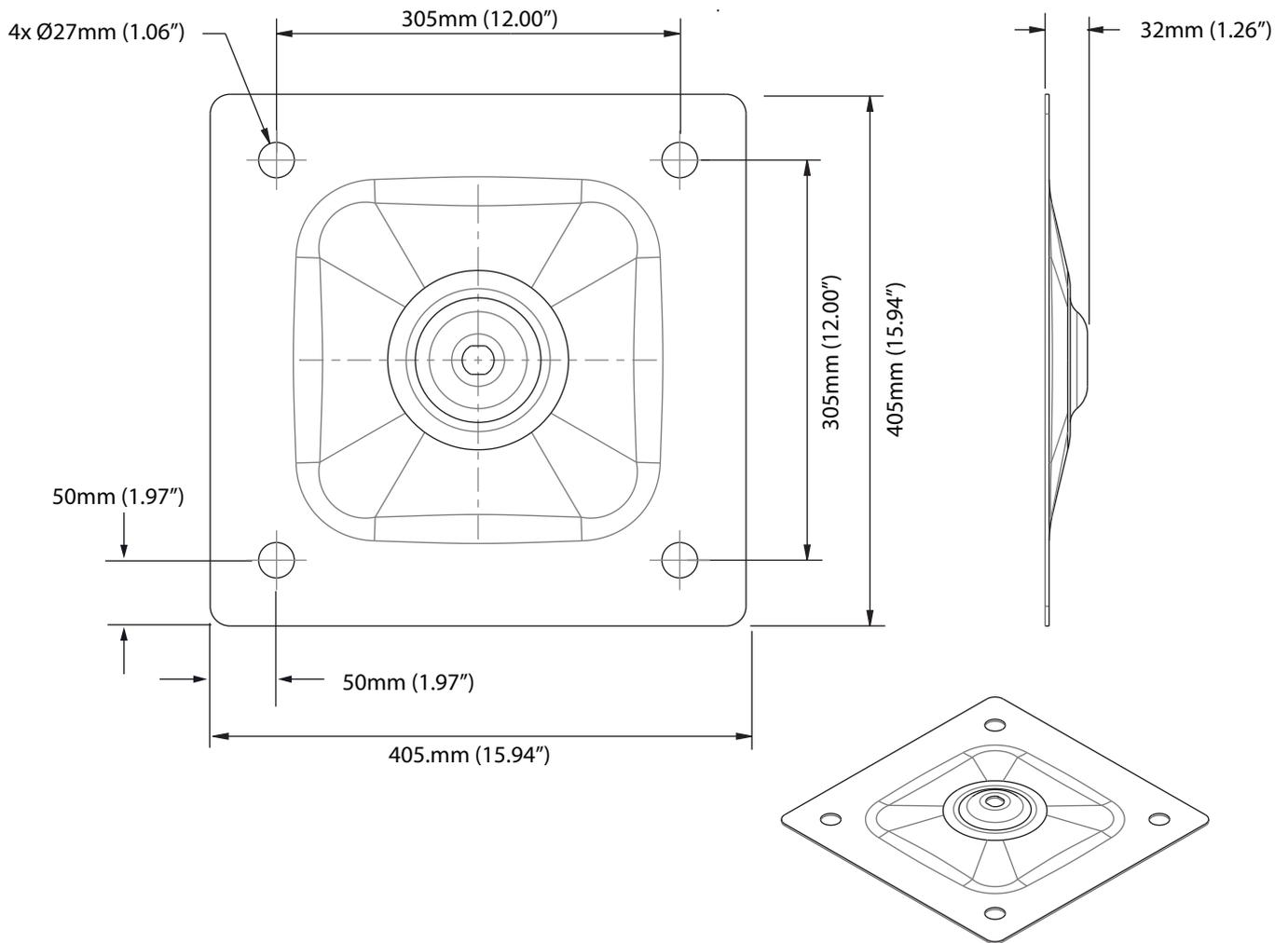


Fall Protection

APPLICATION:

The Anchor Baseplate 405 x 405 H can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
1.38 (3)	22.2 (5000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Baseplate 450 x 550 H	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241136

Anchor Baseplate 405 x 405 H

Part No: 7241136

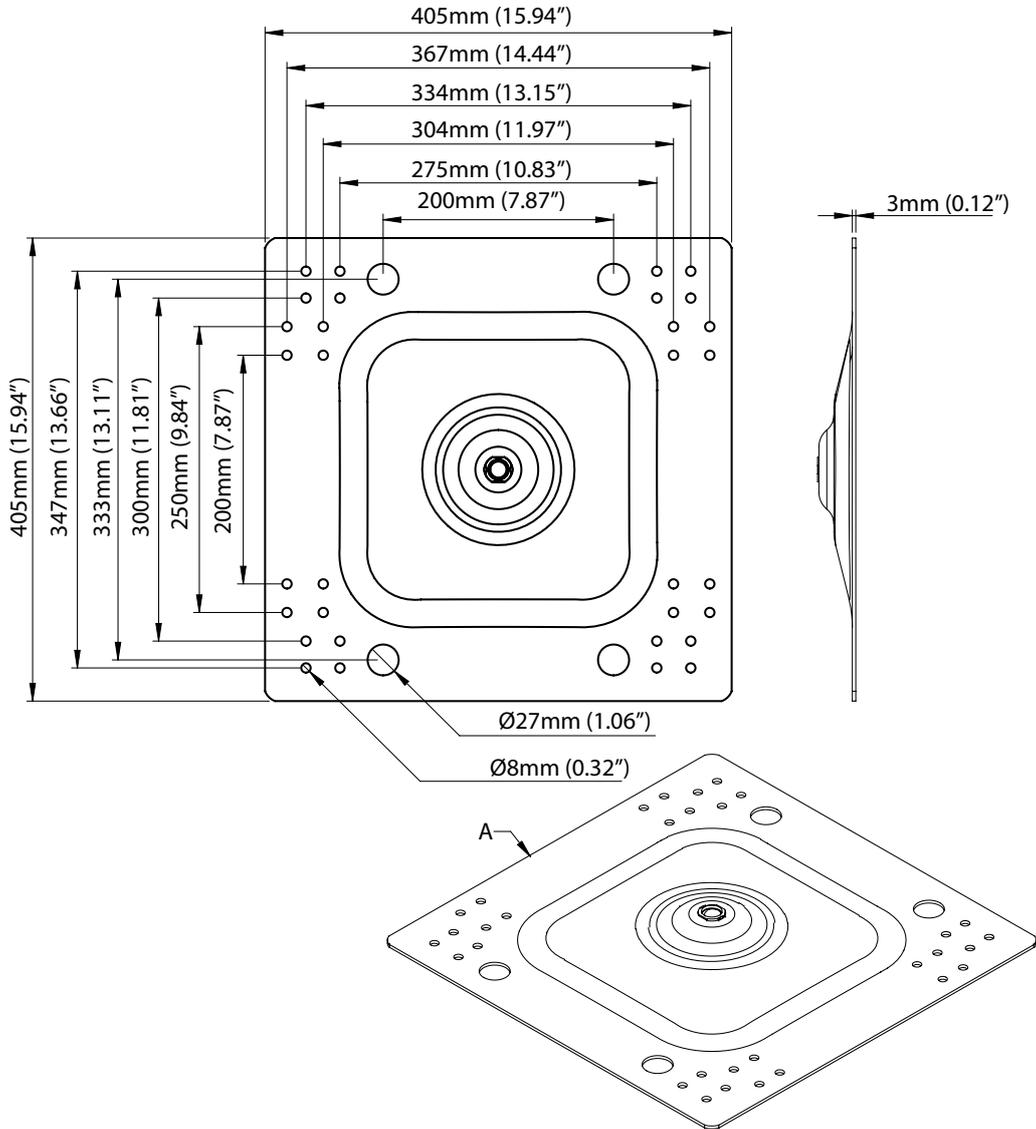


Fall Protection

APPLICATION:

The Anchor Baseplate 405 x 405 H can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
1.38 (3)	22.2 (5000)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A	1	Anchor Baseplate 405 x 405 H	Aluminum Anodized

TECHNICAL DATA SHEET: 7241137

Anchor Baseplate 405 x 405 BL

Part No: 7241137



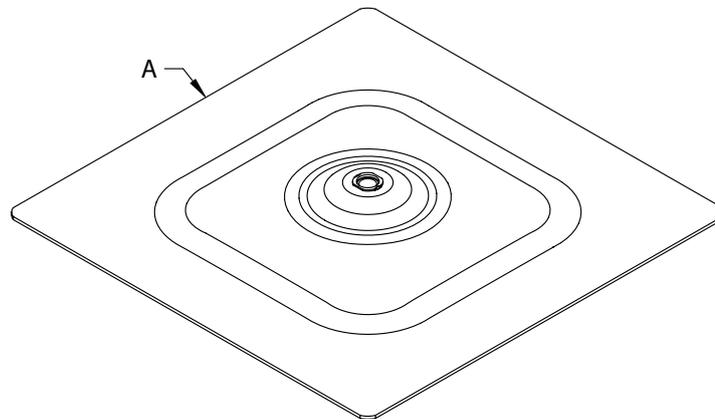
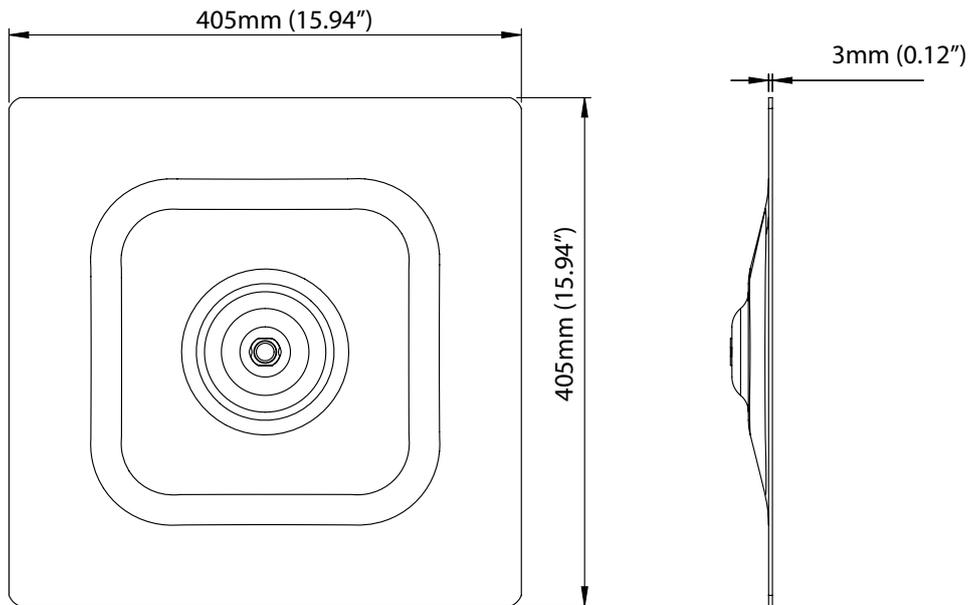
Fall Protection

APPLICATION:

The Anchor Baseplate 405 x 405 BL can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

The baseplate is left blank to allow the installer to drill holes to the appropriate width.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
1.41 (3.1)	22.2 (5000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Baseplate 405 x 405 BL	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241138

Anchor Baseplate 350 x 440 H

Part No: 7241138

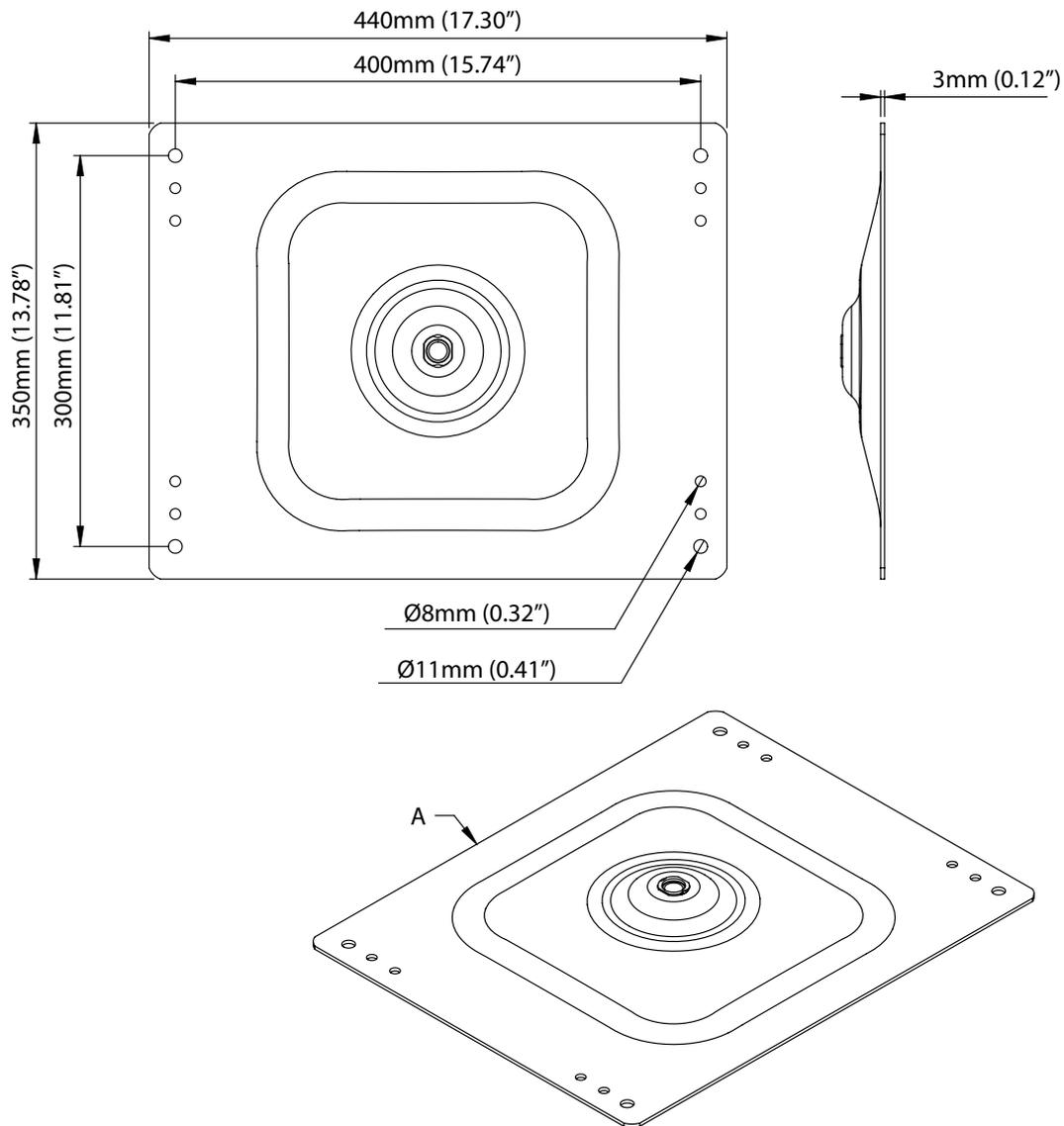


Fall Protection

APPLICATION:

The Anchor Baseplate 350 x 440 H can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution. 11mm holes are suitable for clamps on standing seam roofs. 8mm holes are suitable for rivets on trapezoidal (sp) roofs.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
1.25 (2.8)	22.2 (5000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Baseplate 350 x 440 H	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241139

Anchor Baseplate 350 x 440 BL

Part No: 7241139



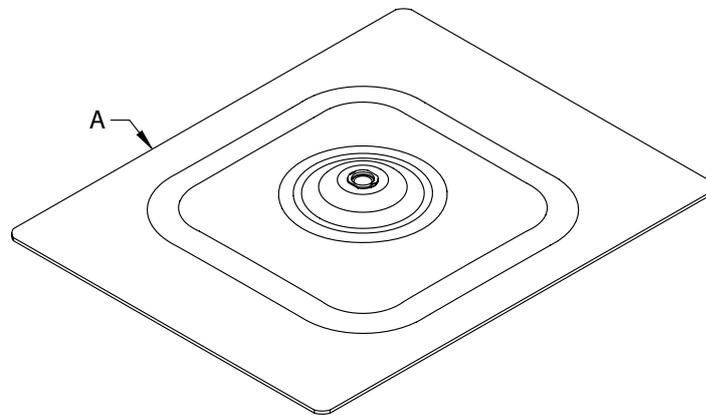
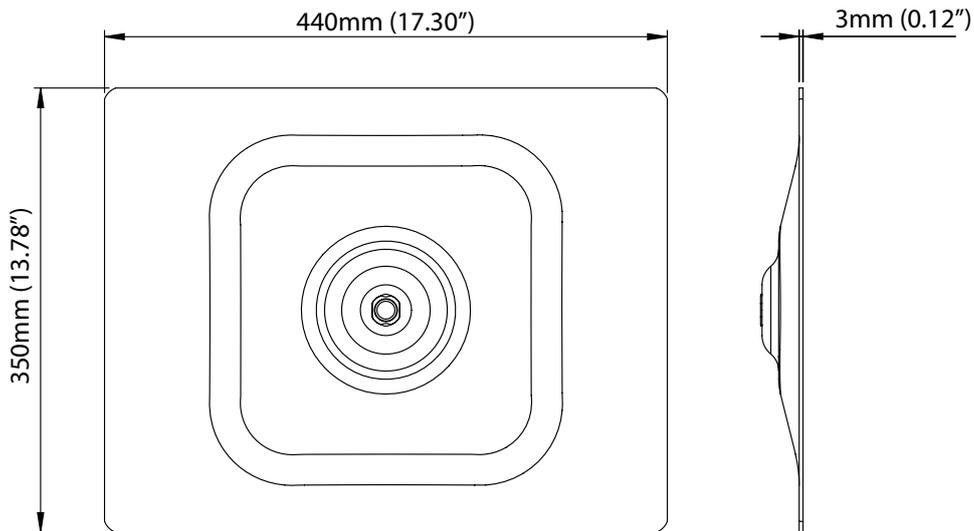
Fall Protection

APPLICATION:

The Anchor Baseplate 350 x 440H can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

The baseplate is left blank to allow the installer to drill holes to the appropriate width.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
1.33 (2.9)	22.2 (5000)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A	1	Anchor Baseplate 350 x 440 BL	Aluminum Anodized

TECHNICAL DATA SHEET: 7241238

Anchor Baseplate 450 x 550 H

Part No: 7241238

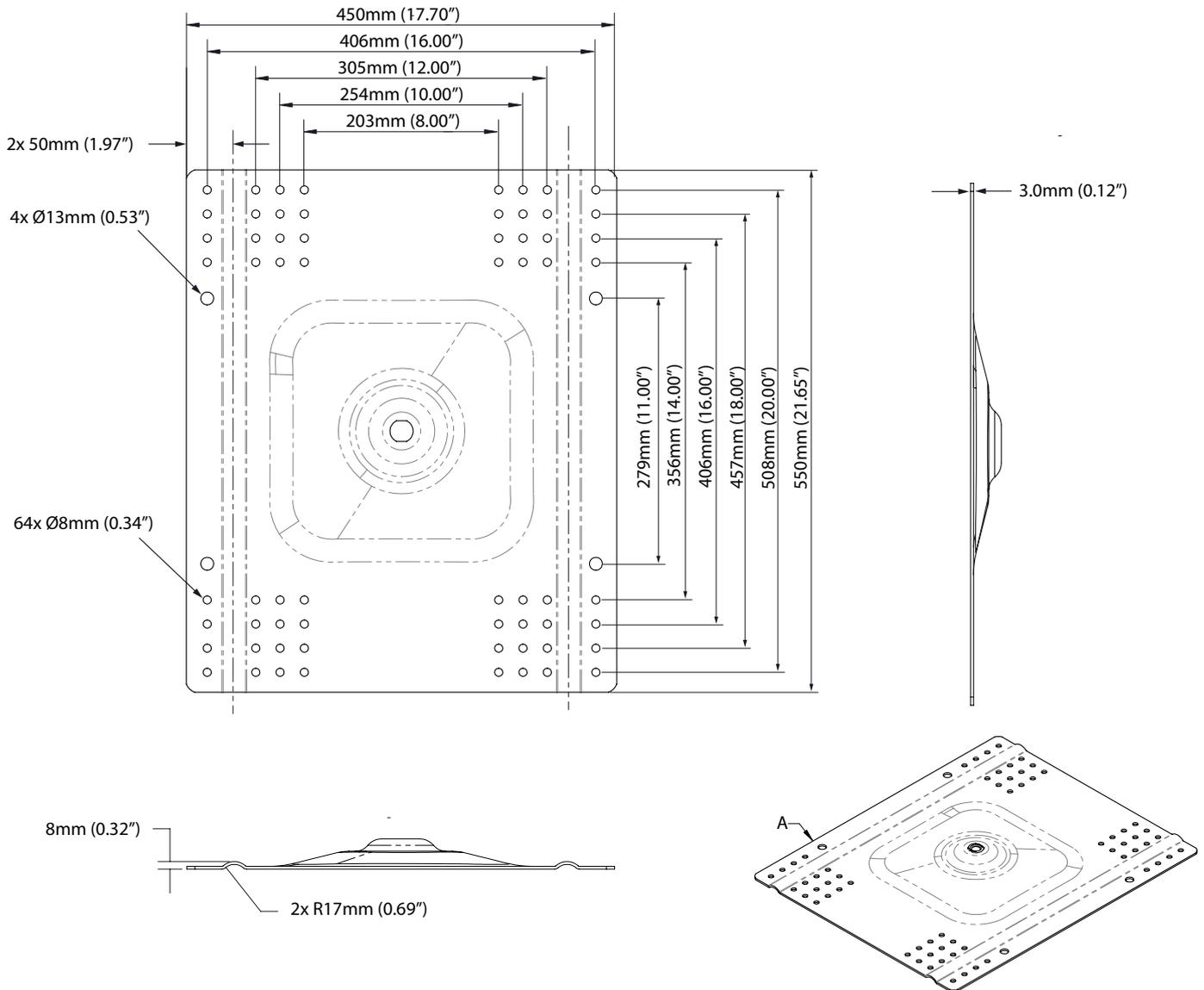


Fall Protection

APPLICATION:

The Anchor Baseplate 450 x 550 H can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
2.1 (4.6)	22.2 (5000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Baseplate 405 x 405 H	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241140

Anchor Baseplate 550 x 450 BL

Part No: 7241140



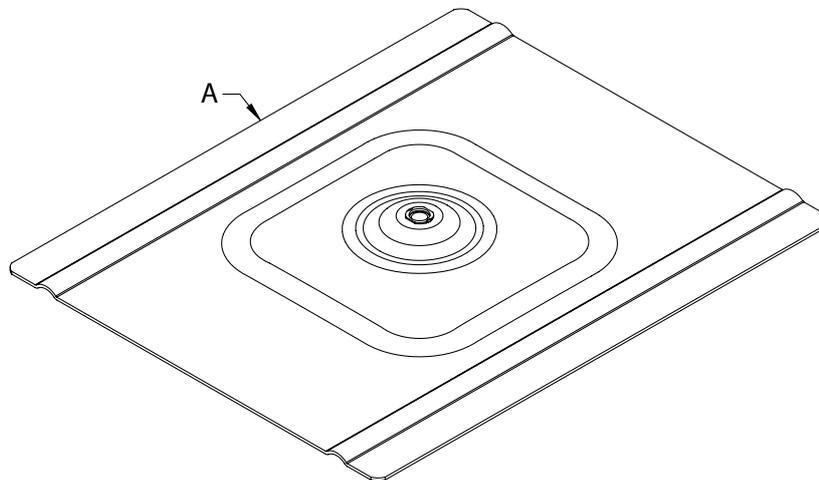
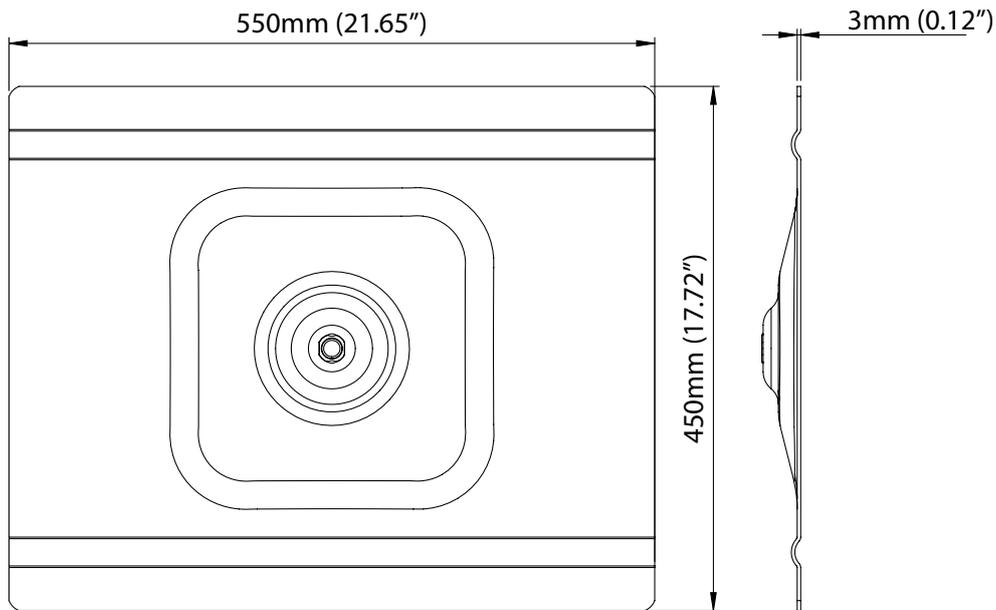
Fall Protection

APPLICATION:

The Anchor Baseplate 550 x 450 BL can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

The baseplate is left blank to allow the installer to drill holes to the appropriate width.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
2.11 (4.7)	22.2 (5000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Baseplate 550 x 450 BL	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241356

Anchor Baseplate 450 x 660 H

Part No: 7241356

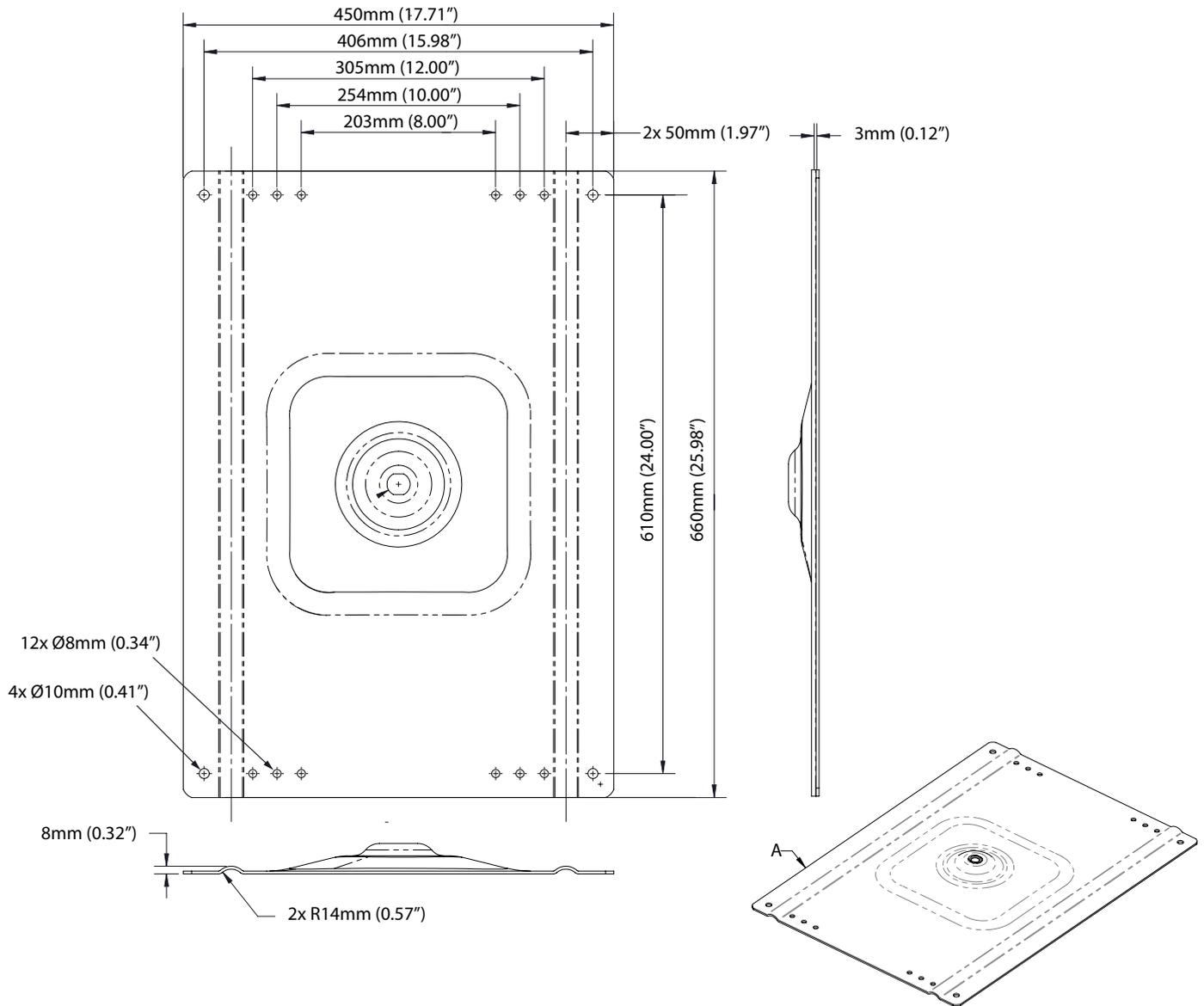


Fall Protection

APPLICATION:

The Anchor Baseplate 450 x 660 H was designed for use with 24" standing seam spacing commonly found in North America but can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component and fixing solution.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
2.4 (5.3)	22.2 (5000)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A 1	Anchor Baseplate 450 x 660 H	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241357

Anchor Baseplate 450 x 660 BL

Part No: 7241357



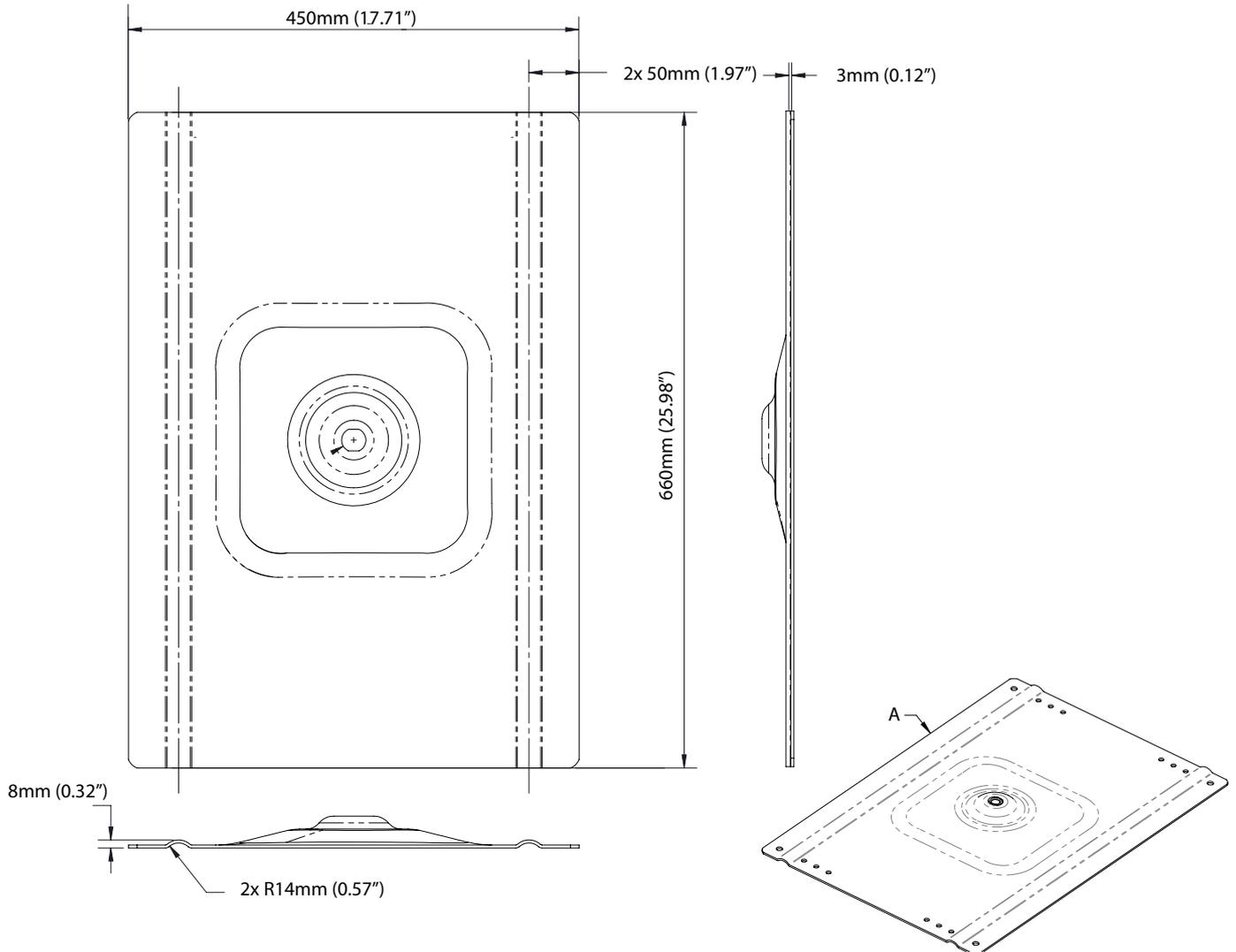
Fall Protection

APPLICATION:

The Anchor Baseplate 450 x 660 BL was designed for use with 24" standing seam spacing commonly found in North America but can be used on any compatible roof type in conjunction with the appropriate Anchor Module, top component, and fixing solution.

The baseplate is left blank to allow the installer to drill holes to the appropriate width.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
2.4 (5.3)	22.2 (5000)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish	
A	1	Anchor Baseplate 450 x 660 BL	Aluminum	Anodized

TECHNICAL DATA SHEET: 7241149

Anchor Module End / Corner Top Fix

Part No: 7241149

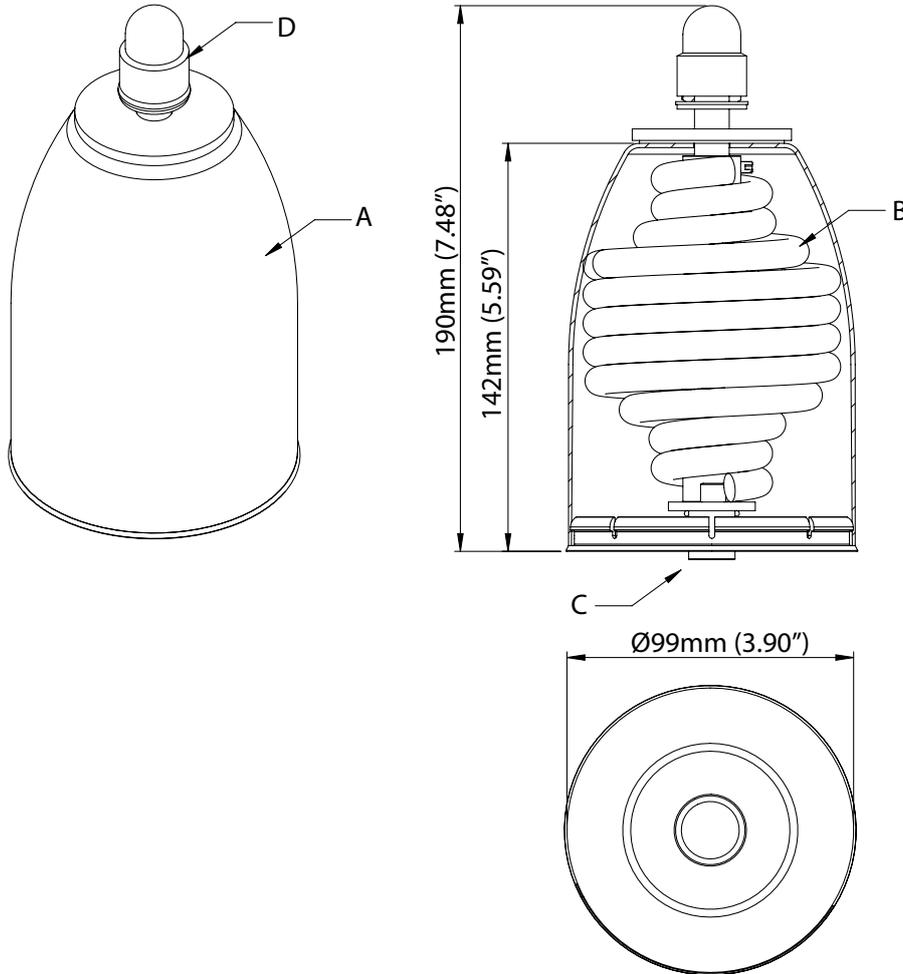


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an end or corner anchor for top fix applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
2.53 (5.6)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Can	Aluminum	Anodized
B	1	Coil	Steel	Zinc Coating
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241150

Anchor Module Intermediate Top Fix

Part No: 7241150

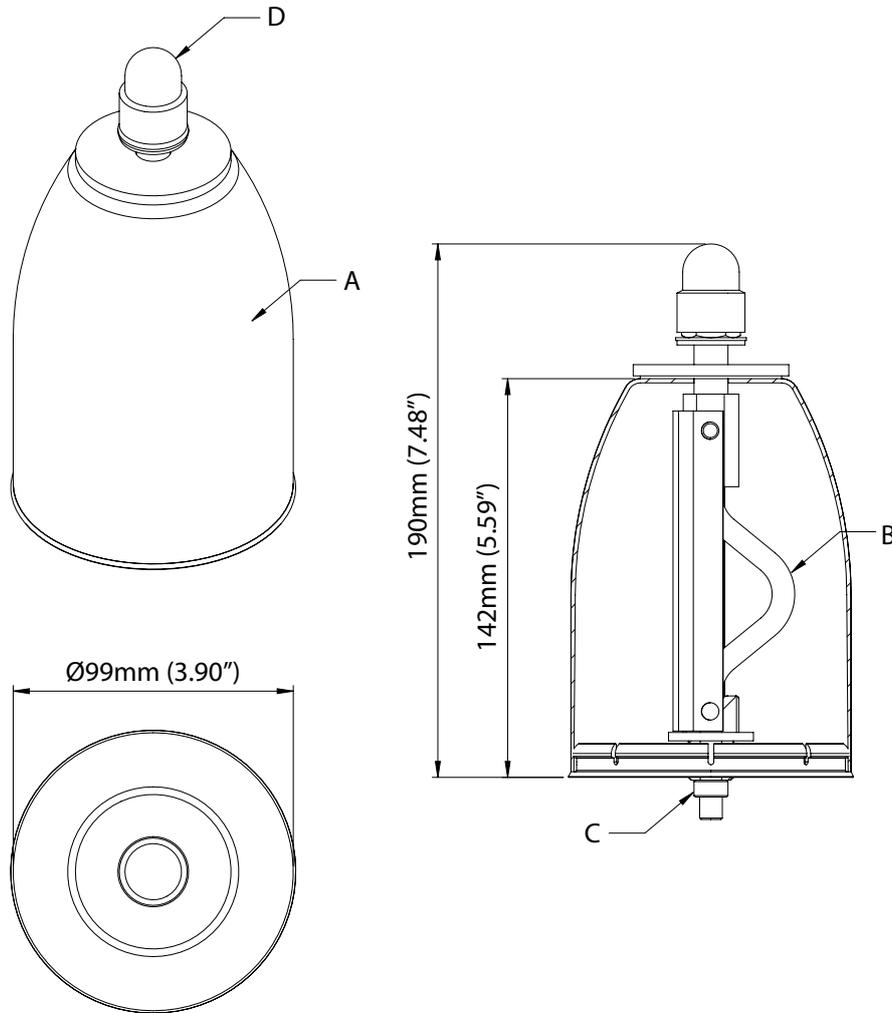


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an intermediate anchor for top fix applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.51 (1.1)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Can	Aluminum	Anodized
B	1	Intermediate Core	Steel / Stainless Steel	Zinc Coating / Natural
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241151

RoofSafe Anchor Module End / Corner Bitumen

Part No: 7241151

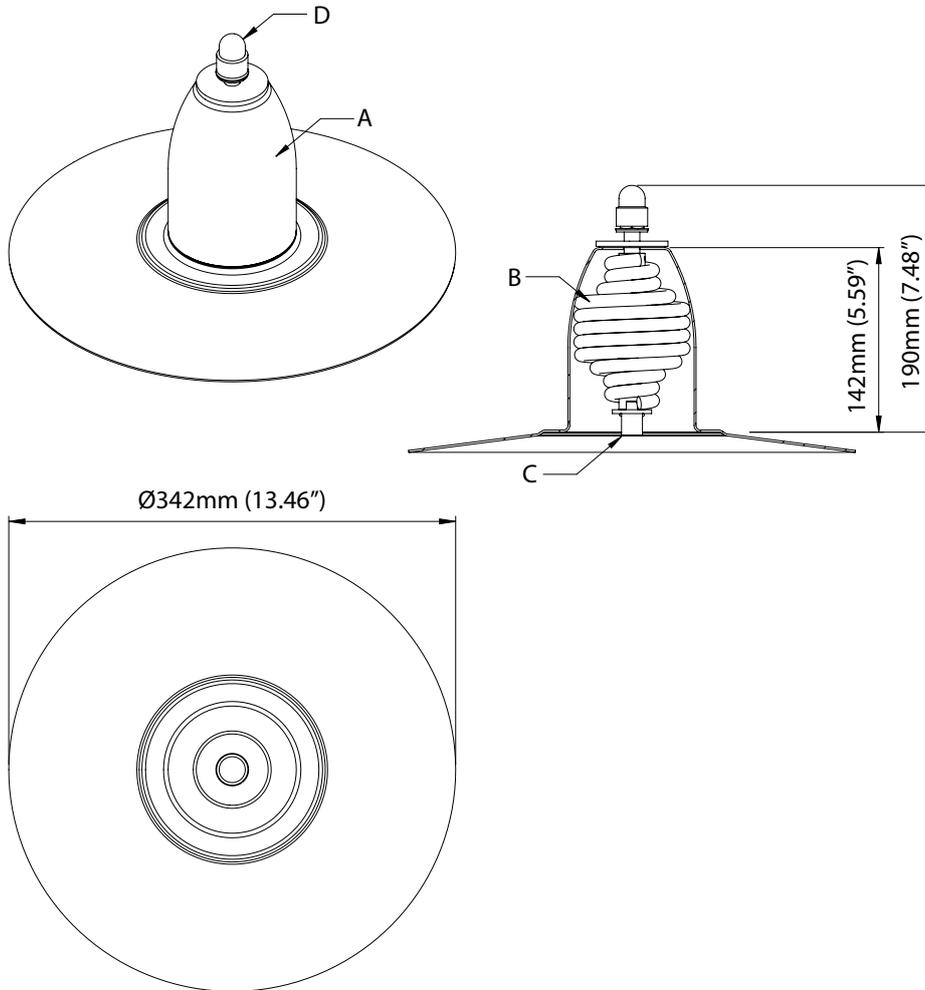


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an end or corner anchor for bitumen applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
2.8 (6.2)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Weather Shroud	Aluminum	Anodized
B	1	Coil	Steel	Zinc Coating
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241152

Anchor Module Intermediate Bitumen

Part No: 7241152

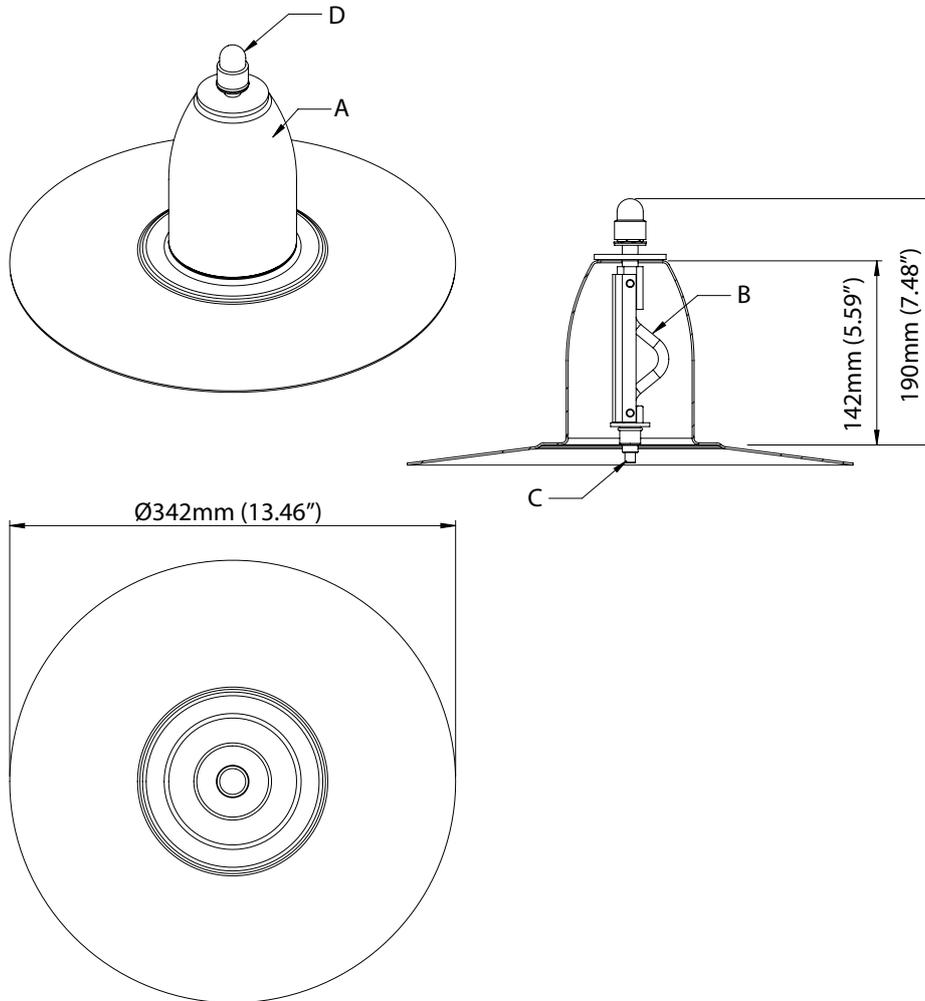


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an intermediate anchor for bitumen applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.78 (1.7)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Weather Shroud	Aluminum	Anodized
B	1	Intermediate Core	Steel / Stainless Steel	Zinc Coating / Natural
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241153

Anchor Module End / Corner PVC

Part No: 7241153

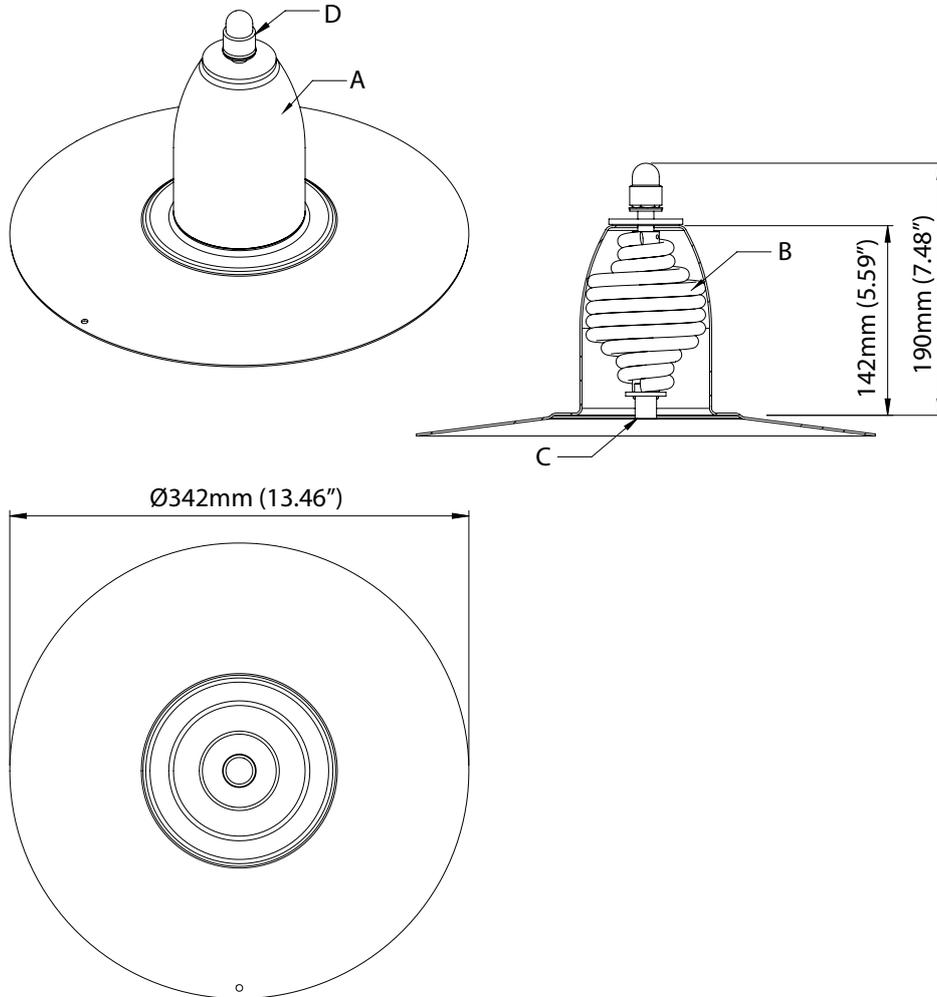


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an end or corner anchor for PVC applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
2.95 (6.5)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Weather Shroud	Aluminum	PVC Coated
B	1	Coil	Steel	Zinc Coating
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241154

Anchor Module Intermediate PVC

Part No: 7241154

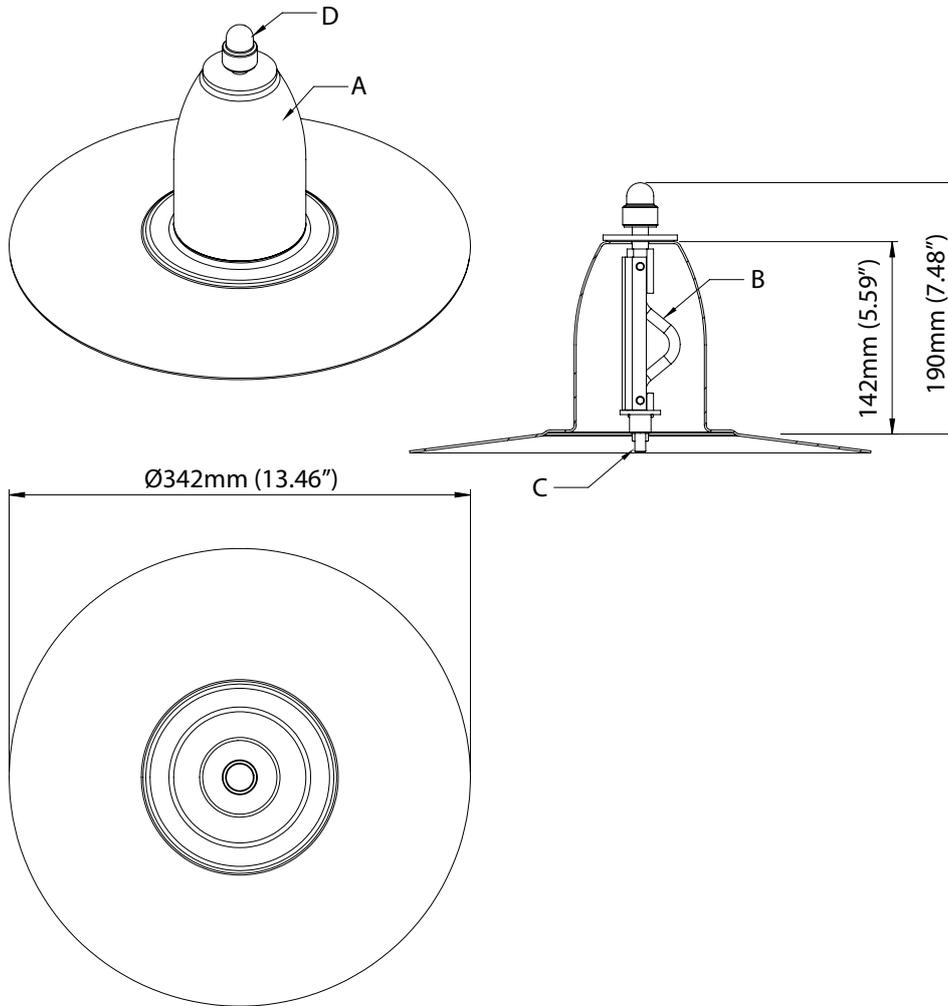


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an intermediate anchor for PVC applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.93 (2.1)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Weather Shroud	Aluminum	PVC Coated
B	1	Intermediate Core	Steel / Stainless Steel	Zinc Coating / Natural
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241155

Anchor Module End / Corner All Membrane

Part No: 7241155

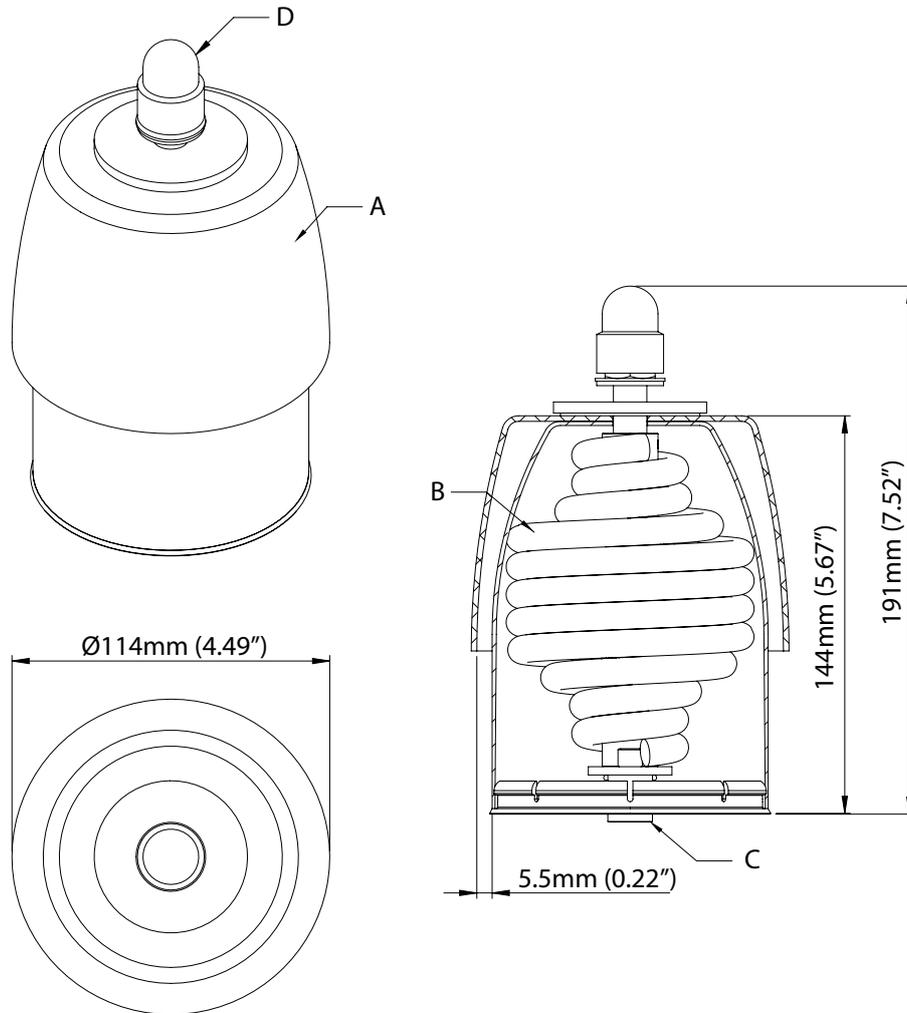


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an end or corner anchor for all membrane applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
2.59 (5.7)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Can / Weather Cap	Aluminum / ABS Plastic	Anodized / Natural
B	1	Coil	Steel	Zinc Coating
C	1	Fixings	Steel	Zinc Coating
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7241156

Anchor Module Intermediate All Membrane

Part No: 7241156

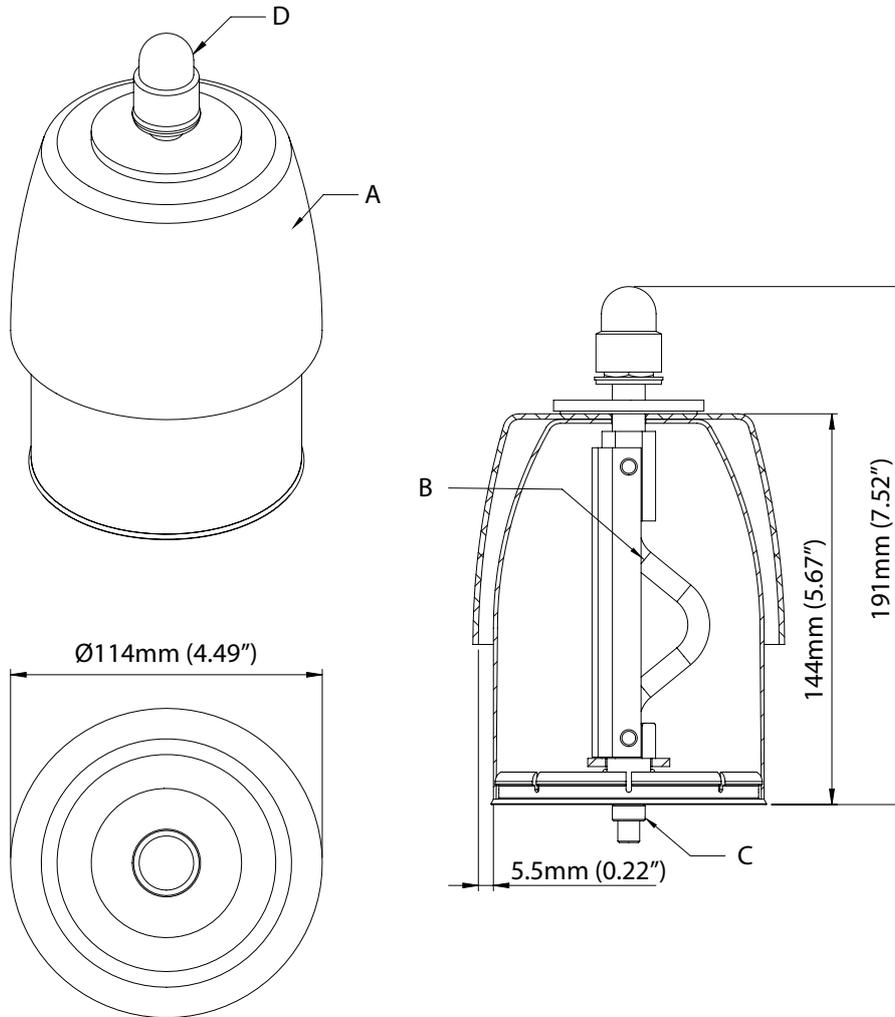


Fall Protection

APPLICATION:

The Anchor Module is to be used in conjunction with relevant baseplate and top component to create an intermediate anchor for all membrane applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.57 (1.3)	22.2 (5000)	40 (30)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Can / Weather Cap	Aluminum / ABS Plastic	Anodized / Natural
B	1	Intermediate Core	Steel / Stainless Steel	Zinc Coating / Natural
C	1	Fixings	A470 Stainless Steel	Natural
D	1	M12 Nut & Nut Cap	A470 Stainless Steel / UV Stabilized Black Polyethylene	Natural/Natural

TECHNICAL DATA SHEET: 7240166

8mm Hex Swage Tensioner

Part No: 7240166



Fall Protection

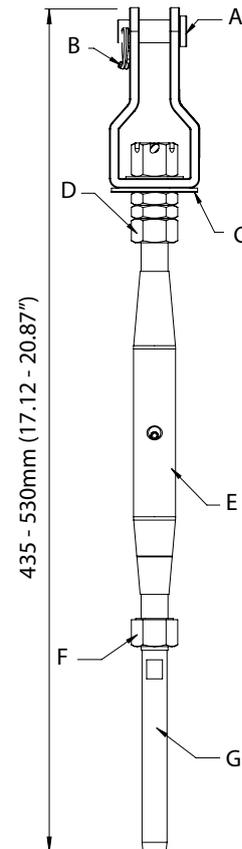
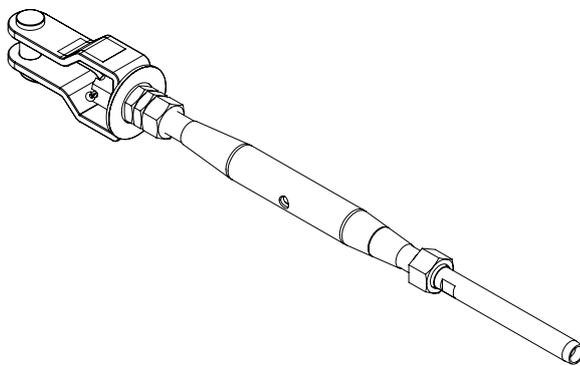
APPLICATION:

The tensioner unit is attached to the anchor point using the clevis pin and split pin. It is used to set the tension of the cable in horizontal applications.

Refer to installation instructions for information on assembly and installation.

For use with 8mm 7x7 or 1x19 cable only.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Cable Tensioning kN (lbf)
0.85 (1.9)	38 (8540)	0.8 (180)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Clevis Pin	316 Stainless Steel	Natural / Electropolished
B	1	Cotter Pin	316 Stainless Steel	Natural / Electropolished
C	1	Tension Indicator Disc	316 Stainless Steel	Natural / Electropolished
D	1	Lock Nut	316 Stainless Steel	Natural / Electropolished
E	1	Turn Buckle	316 Stainless Steel	Natural / Electropolished
F	1	Lock Nut	316 Stainless Steel	Natural / Electropolished
G	1	Stud	316 Stainless Steel	Natural / Electropolished

TECHNICAL DATA SHEET: 7241429

Dampener, Small

Part No: 7241429

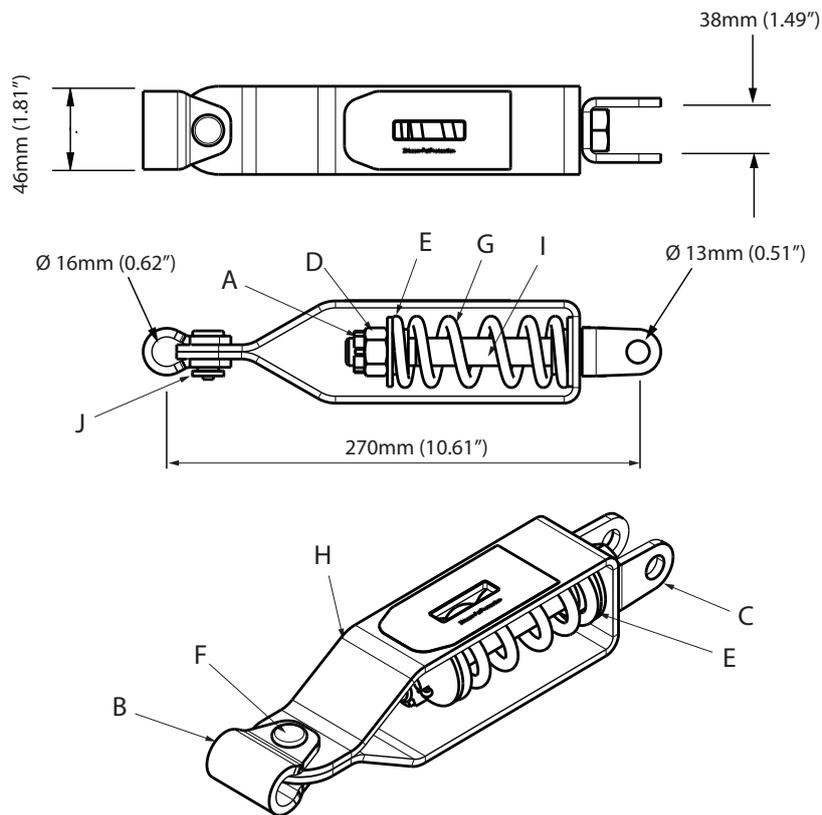


Fall Protection

APPLICATION:

The Dampener is for use in systems where horizontal lifeline energy absorption is not required but tension indication is. Also can be used in systems where mechanical and thermal cyclic loading are likely as a means to reduce the effects these external loads have on the system components through changes in tension.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Cable Tensioning kN (lbf)
1.8 (4)	38 (8540)	0.8 (180)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Cotter Pin	316 Stainless Steel	Electropolished
B	1	Anchoring Clevis	316 Stainless Steel	Electropolished
C	1	System Clevis	316 Stainless Steel	Natural
D	1	M16 Castle Nut	316 Stainless Steel	Natural
E	2	M16 Shoulder Washer	316 Stainless Steel	Natural
F	1	Rivet	316 Stainless Steel	Natural
G	1	Spring	316 Stainless Steel	Black Powder Coat
H	1	Forming Dampener	316 Stainless Steel	Electropolished
I	1	M16 Bolt	316 Stainless Steel	Natural
J	1	Rivet Cup	316 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7241430

Hex Swage Stud, Pass Through

Part No: 7241430



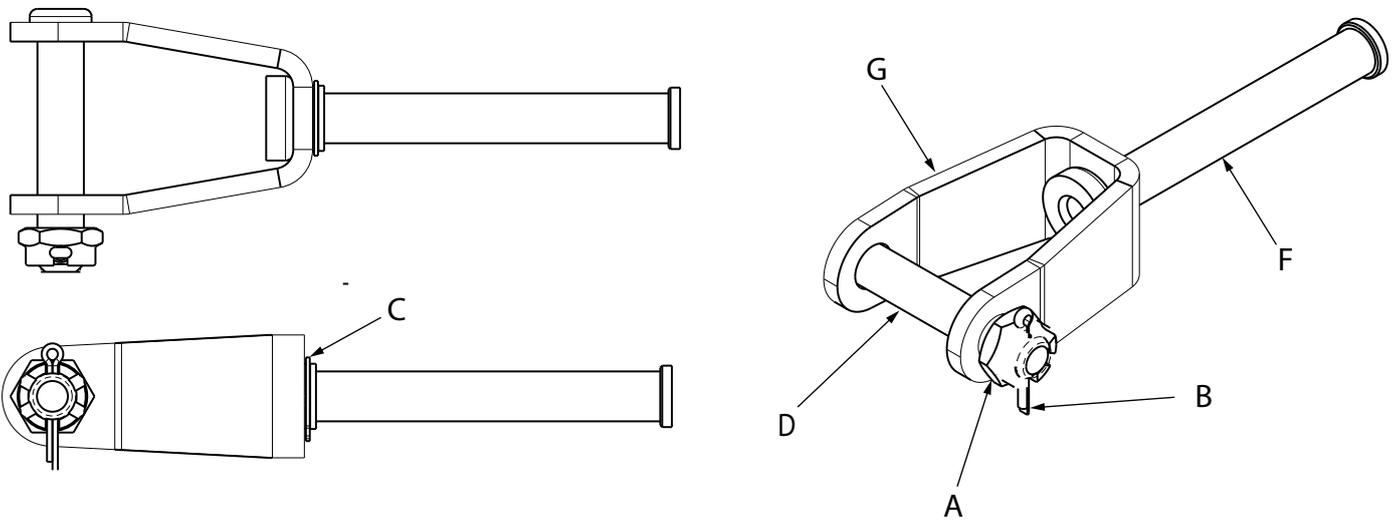
Fall Protection

APPLICATION:

The Pass Through Hex Swage Stud is used to terminate cable at one end of system and allows cable to pass through for tensioning prior to swaging.

For use with 8mm 7x7 or 1x19 cable only. Refer to installation instructions for information on assembly and installation.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.34 (0.7)	38 (8540)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	M12 Castle Nut	316 Stainless Steel	Natural
B	1	Split Pin	316 Stainless Steel	Natural
C	1	Retaining Ring	316 Stainless Steel	Natural
D	1	Pin	316 Stainless Steel	Natural
E	1	Clevis	316 Stainless Steel	Electropolished
F	1	Swage Terminal	316 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7234011

Hex Swage Toggle

Part No: 7234011



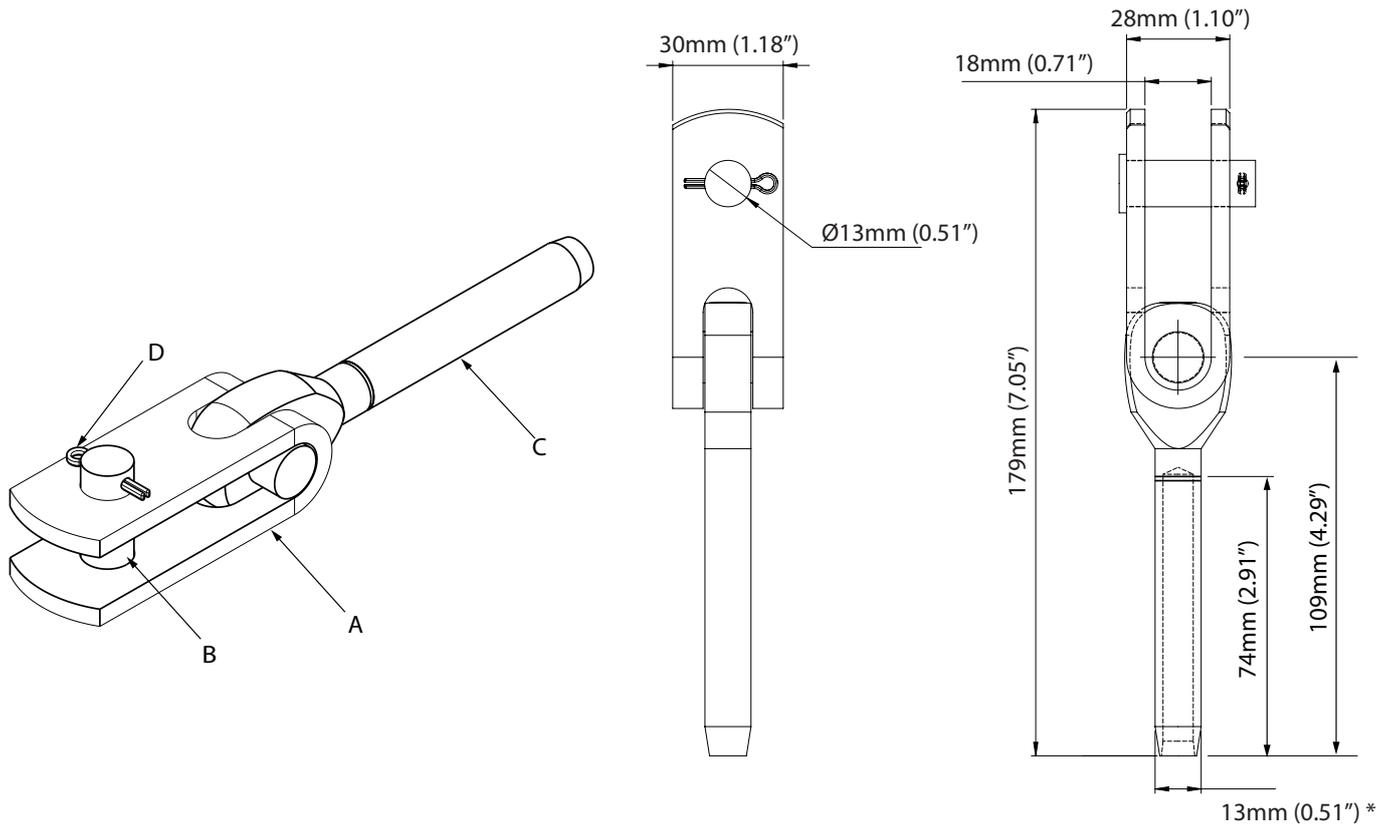
Fall Protection

APPLICATION:

Used to terminate cable at one end of system. For use with 8mm 7x7 or 1x19 cable only.

Refer to installation instructions for information on assembly and installation.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.33 (0.7)	38 (8540)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Shackle	316 Stainless Steel	Electropolished
B	1	Clevis	316 Stainless Steel	Electropolished
C	1	Swage Terminal	316 Stainless Steel	Electropolished
D	1	Split Pin	316 Stainless Steel	Electropolished
*		Before Swaging		

TECHNICAL DATA SHEET: 7234246

Hex Swage Toggle, Ball Stop Shoulder

Part No: 7234246



Fall Protection

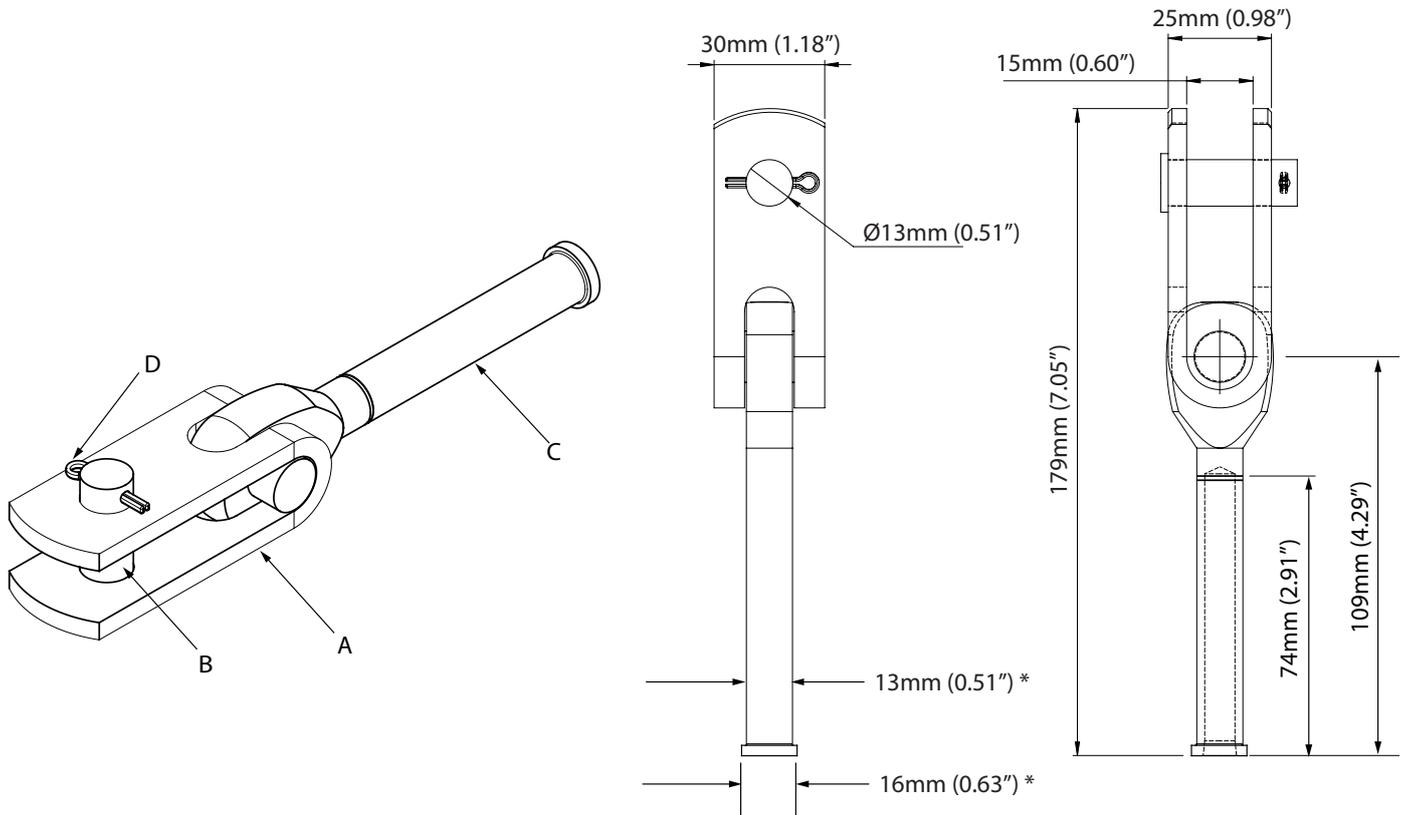
APPLICATION:

This swage toggle is designed to interface with the end stop ball component and provides a machined shoulder to hold the ball in place at the end of the system.

For use with 8mm 7x7 or 1x19 cable only.

Refer to installation instructions for information on assembly and installation.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.33 (0.7)	38 (8540)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Shackle	316 Stainless Steel	Electropolished
B	1	Clevis	316 Stainless Steel	Electropolished
C	1	Swage Terminal	316 Stainless Steel	Electropolished
D	1	Split Pin	316 Stainless Steel	Electropolished
*		Before Swaging		

TECHNICAL DATA SHEET: 7234012

Hex Joiner

Part No 7234012



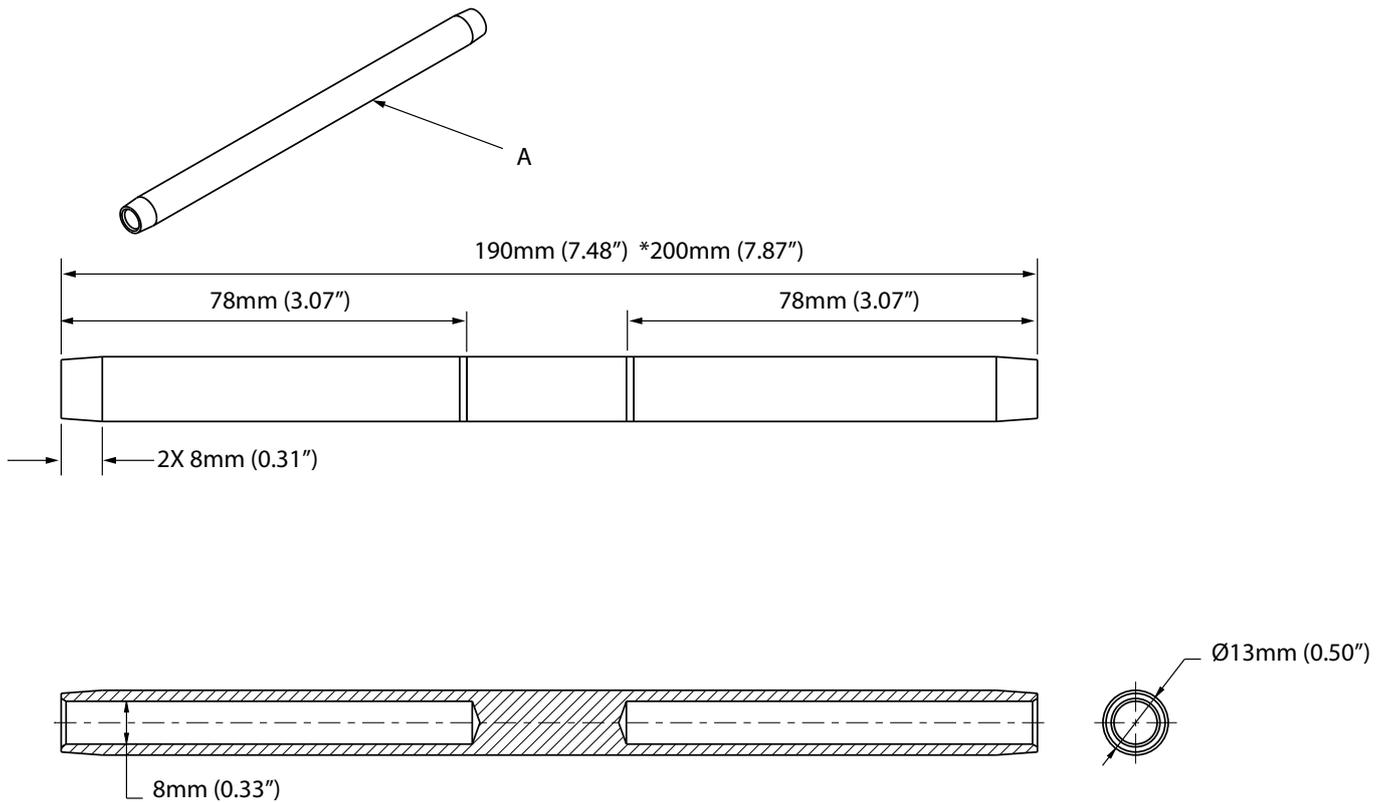
Fall Protection

APPLICATION:

The Hex Joiner is used to join to sections of cable together. For use with 8mm 7x7 or 1x19 cable only.

Refer to installation instructions for information on assembly and installation.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.12 (0.3)	38 (8540)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Hex Swage Joiner	316 Stainless Steel	Natural
*		After Swaging		

TECHNICAL DATA SHEET: 7240211

8mm 7x7 SS Cable

Part No: 7240211

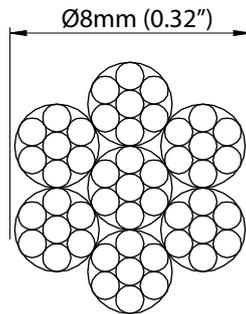


Fall Protection

APPLICATION:

The 8mm Cable is used for 8mm Permanent Horizontal Lifeline applications.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.242 / m (0.162 / ft)	38.7 (8700)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	8mm 7 x 7 Stainless Steel Cable	316 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7200691

8mm Detachable Traveler

Part No: 7200691



Fall Protection

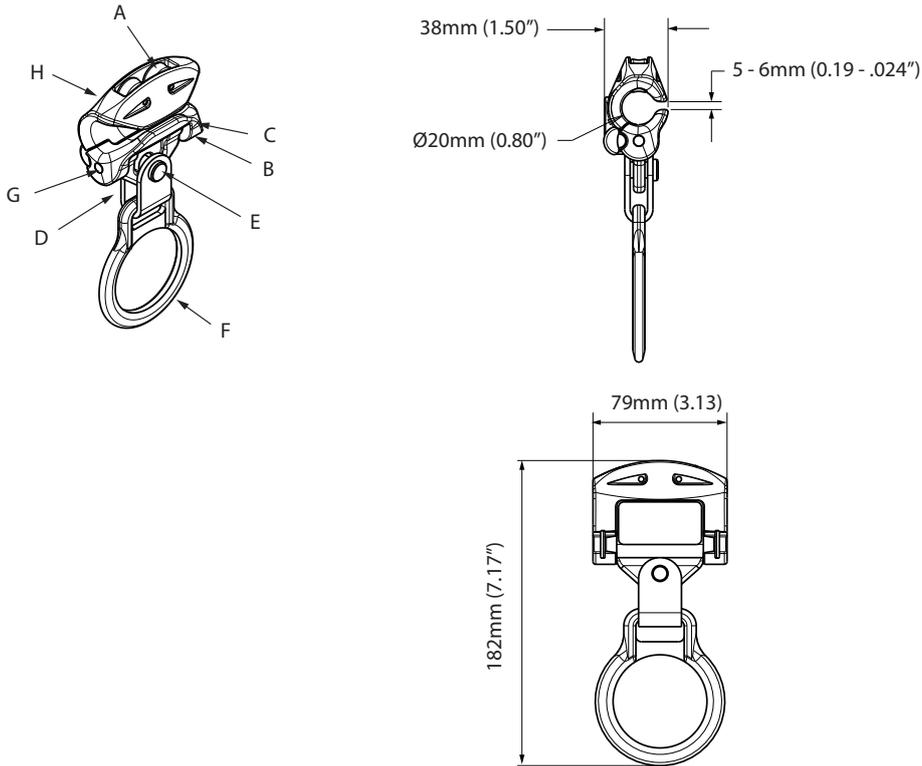
APPLICATION:

For use as an attachment device for a single user in conjunction with DBI-SALA 8mm Horizontal Lifeline Systems.

To prolong the life of the product, do not leave on the system when not in use.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)

Maximum Capacity includes user weight and any additional equipment they may be carrying (clothing, tools, etc.).



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Maximum Capacity kg (lb.)
0.6 (1.3)	16 (3600)	140 (310)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	2	Roller	Nylon	Natural
B	1	Detachable Lower Body	17-4 Stainless Steel	Electropolished
C	2	Spring (Internal)	316 Stainless Steel	Natural
D	1	Traveler Clevis	316 Stainless Steel	Natural
E	1	Traveler Rivet	316 Stainless Steel	Natural
F	1	D-Ring	Forged Carbon Steel	Zinc Plate
G	1	Pin	17-4 Stainless Steel	Natural
H	1	Upper Body	17-4 Stainless Steel	Electropolished

TECHNICAL DATA SHEET: 7241420

Detachable Traveler - No Wheels

Part No: 7241420



Fall Protection

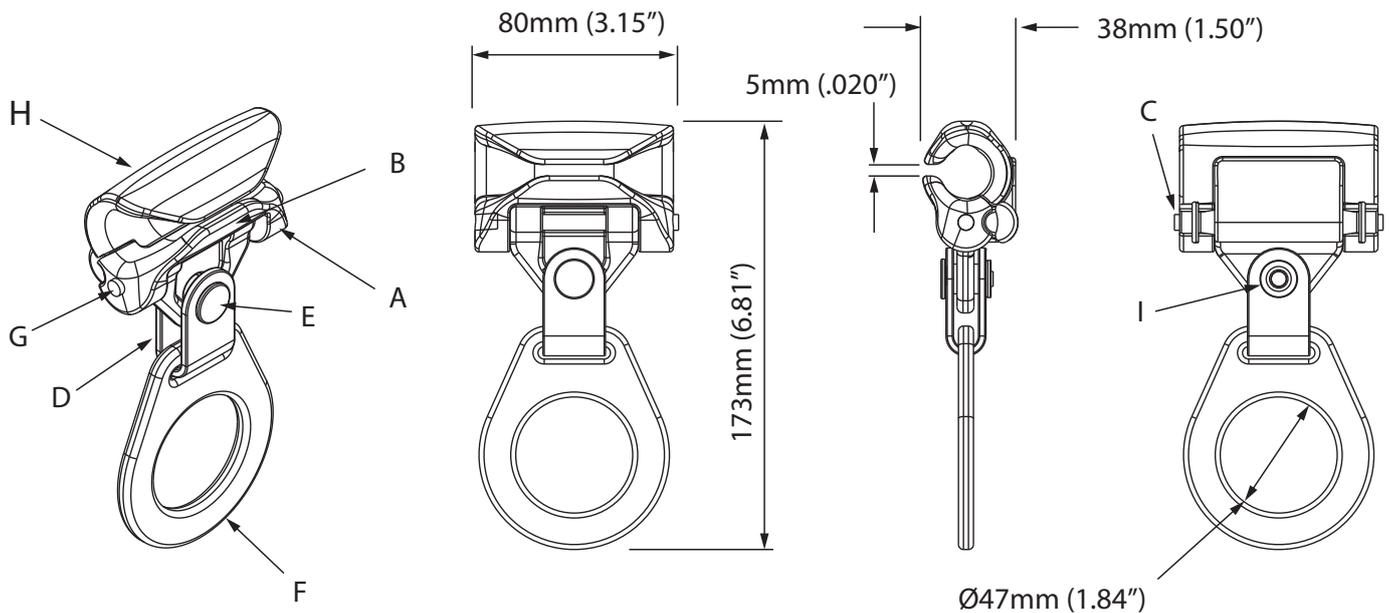
APPLICATION:

For use as an attachment device for a single user in conjunction with DBI-SALA 8mm Horizontal Lifeline Systems.

To prolong the life of the product, do not leave on the system when not in use.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)

Maximum Capacity includes user weight and any additional equipment they may be carrying (clothing, tools, etc.).



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Maximum Capacity kg (lb.)
0.78 (1.7)	22.2 (5000)	140 (310)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Detachable Lower Body	17-4 Stainless Steel	Nickel
B	2	Spring (Internal)	316 Stainless Steel	Natural
C	2	Detachable Locking Pin	15-5 Stainless Steel	Electropolished
D	1	Traveler Clevis	316 Stainless Steel	Electropolished
E	1	Traveler Rivet	316 Stainless Steel	Natural
F	1	D-Ring	316 Stainless Steel	Electropolished
G	1	Pin	316 Stainless Steel	Natural
H	1	Upper Body	17-4 Stainless Steel	Nickel
I	1	Rivet Cup	316 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7241408

90-Degree Post-Mount Corner Bracket

Part No: 7241408



Fall Protection

APPLICATION:

The 90-Degree Post-Mount Corner Bracket may be mounted on the floor or upon an anchorage post.

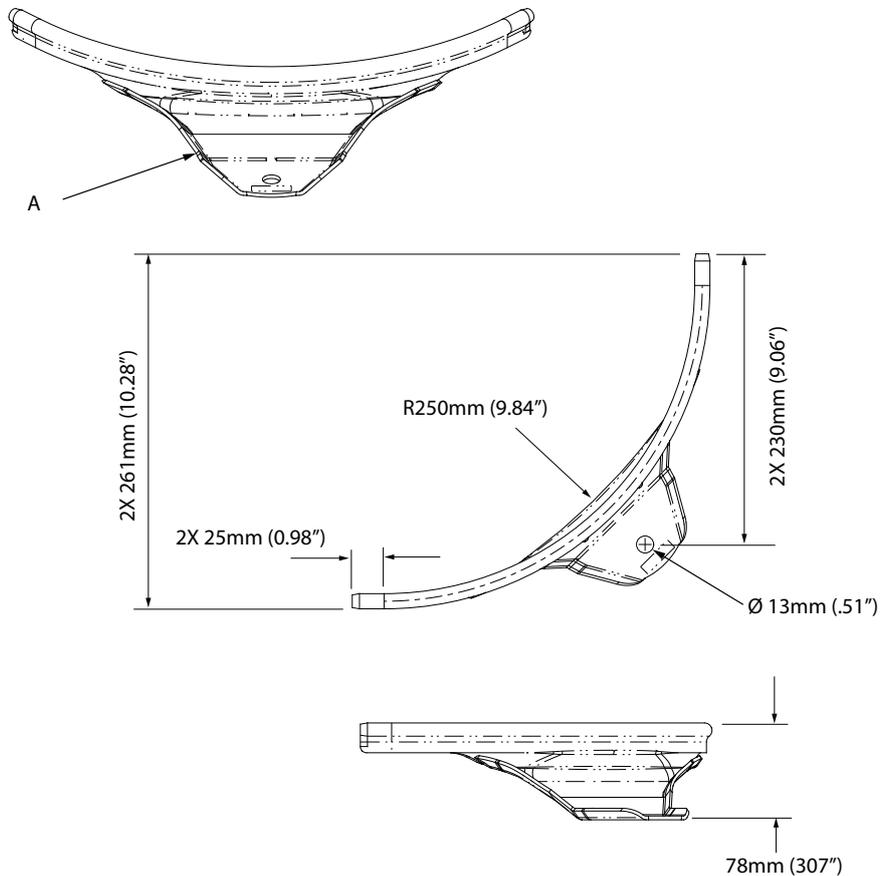
The 90-Degree Post-Mount Corner Bracket is used to accommodate system cable redirection at 90-degree angles. wswswOnly to be used with 7241422 11kN (2500 lbf) energy absorber or on an End/Corner Module.

Minimum grade A4-70 M12 (or 316 Stainless Steel, 100,000psi, 1/2 -13 inch) fasteners should be used to fix bracket to structure at a recommended torque of 50 N-m (37 ft-lb) [30 N-m (22 ft-lb) for fitting to an anchor].

Fixing shall support at least twice the load values stated in the technical report from the 3M DBI-SALA Installed Systems Calculation Software for the system layout, components, number of users, and SRD or Lanyard connecting device.

Tip-over post-mounted applications are not currently supported by the calculation software and should be designed for 22.2 kN (5000 lbf) in all directions of loading.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.6 (1.32)	22.2 (5000)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A 1	90-Degree Post-Mount Corner Bracket	316 Stainless Steel	Electropolished

TECHNICAL DATA SHEET: 7241411

45-Degree Post-Mount Corner Bracket

Part No: 7241411



Fall Protection

APPLICATION:

The 45-Degree Post-Mount Corner Bracket may be mounted on the floor or upon an anchorage post.

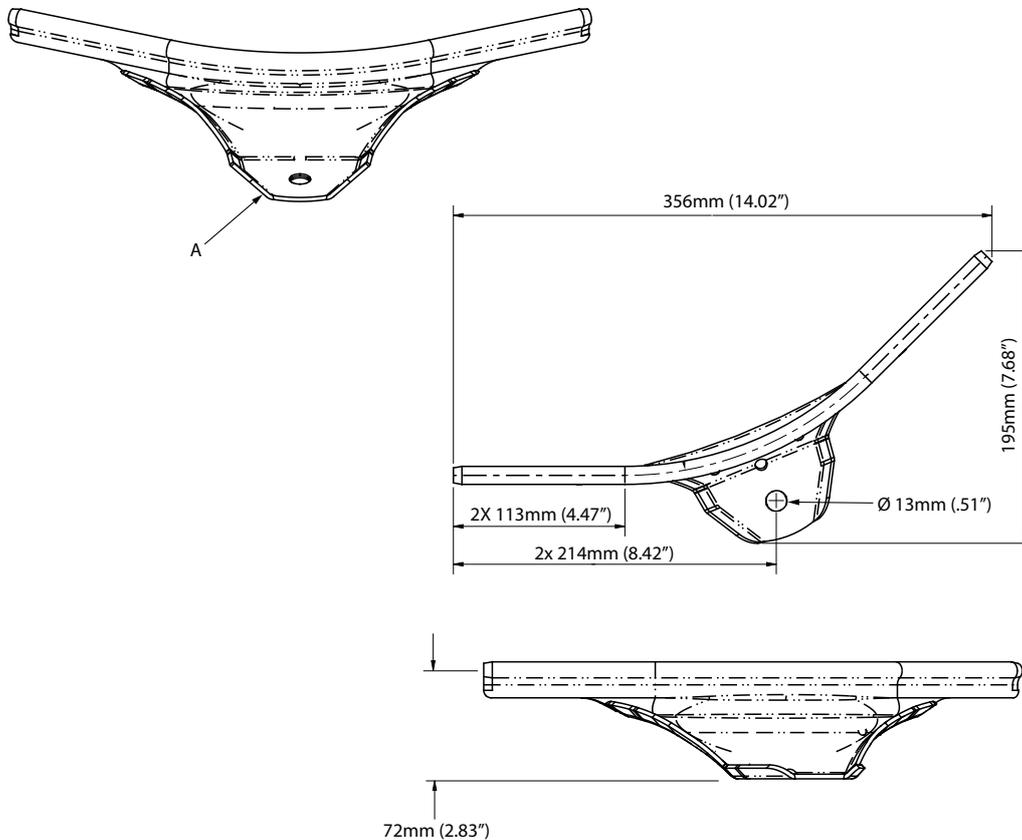
The 45-Degree Post-Mount Corner Bracket is used to accommodate system cable redirection at 45-degree angles. Only to be used with 7241422 11kN (2500 lbf) energy absorber or on an End/Corner Module.

Minimum grade A4-70 M12 (or 316 Stainless Steel, 100,000psi, 1/2 -13 inch) fasteners should be used to fix bracket to structure at a recommended torque of 50 N-m (37 ft-lb) [30 N-m (22 ft-lb) for fitting to an anchor].

Fixing shall support at least twice the load values stated in the technical report from the 3M DBI-SALA Installed Systems Calculation Software for the system layout, components, number of users, and SRD or Lanyard connecting device.

Tip-over post-mounted applications are not currently supported by the calculation software and should be designed for 22.2 kN (5000 lbf) in all directions of loading.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Cable Tensioning kN (lbf)
0.5 (1.1)	22.2 (5000)	0.8 (180)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	45-Degree Post-Mount Corner Bracket	316 Stainless Steel	Electropolished

TECHNICAL DATA SHEET: 7241413

Variable Intermediate Bracket

Part No: 7241413



Fall Protection

APPLICATION:

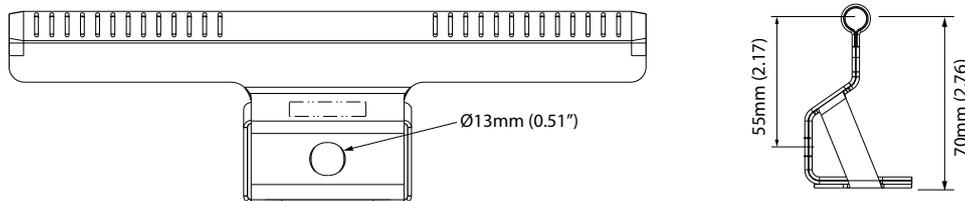
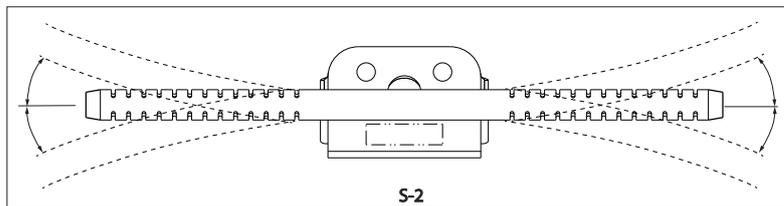
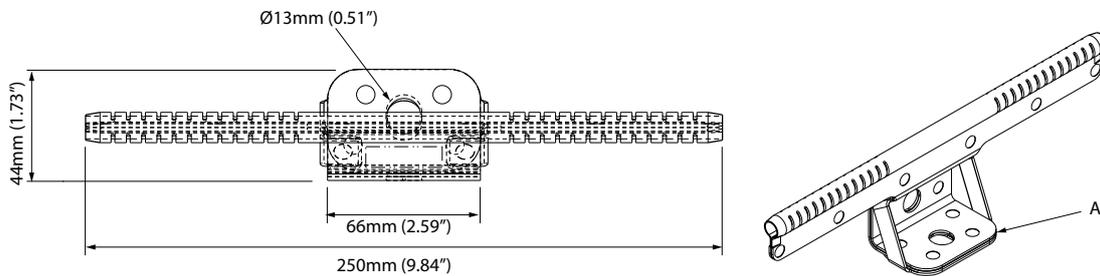
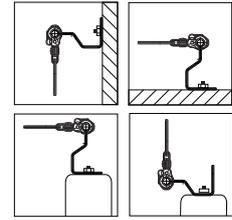
The Variable Intermediate Bracket is used to accommodate system cable redirection at small angles. Field formable at time of installation. Post, floor, or wall mounting.

Minimum grade A4-70 M12 (or 316 Stainless Steel, 100,000psi, 1/2 -13 inch) fasteners should be used to fix bracket to structure at a recommended torque of 50 N-m (37 ft-lb) [30 N-m (22 ft-lb) for fitting to an anchor].

Fixing shall support at least twice the load values stated in the technical report from the 3M DBI-SALA Installed Systems Calculation Software for the system layout, components, number of users, and SRD or Lanyard connecting device.

Tip-over post-mounted applications are not currently supported by the calculation software and should be designed for 22.2 kN (5000 lbf) in all directions of loading.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Breaking Strength kN (lbf)	Cable Tensioning kN (lbf)	(S-1) Cable Exit Angle	(S-2) Formation Angle
0.3 (0.7)	30 (6750)	0.8 (180)	15° Maximum	15° Maximum

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A 1	Variable Intermediate Bracket	316 Stainless Steel	Electropolished

TECHNICAL DATA SHEET: 7241412

Intermediate Bracket

Part No: 7241412



Fall Protection

APPLICATION:

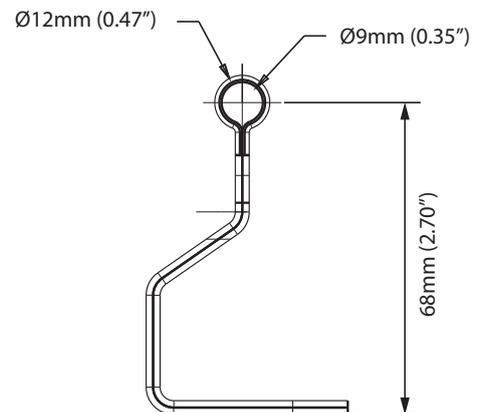
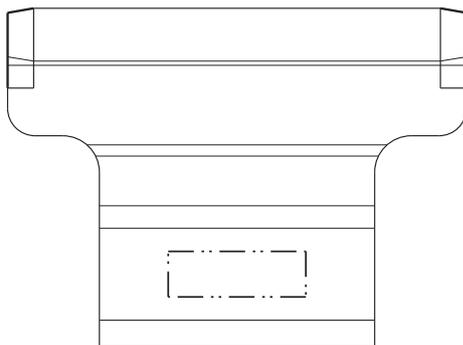
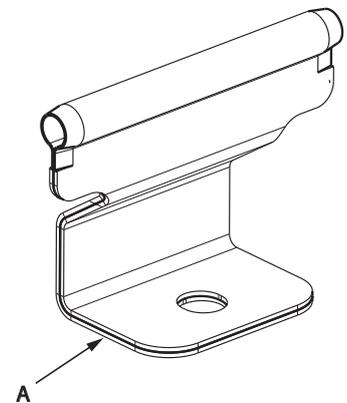
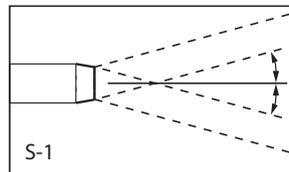
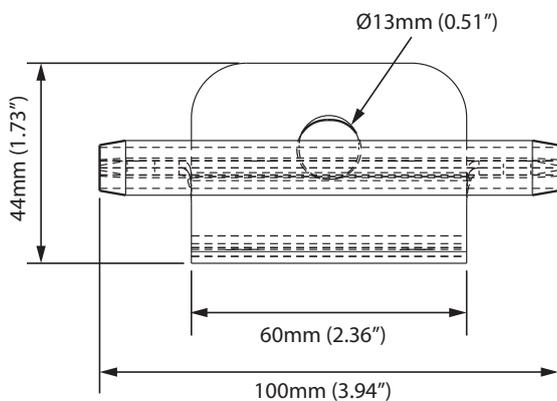
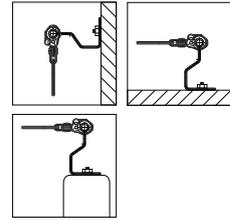
The Intermediate Bracket for may be mounted on the floor or wall, or upon an anchorage post.

Minimum grade A4-70 M12 (or 316 Stainless Steel, 100,000psi, 1/2 -13 inch) fasteners should be used to fix bracket to structure at a recommended torque of 50 N-m (37 ft-lb) [30 N-m (22 ft-lb) for fitting to an anchor].

Fixing shall support at least twice the load values stated in the technical report from the 3M DBI-SALA Installed Systems Calculation Software for the system layout, components, number of users, and SRD or Lanyard connecting device.

Tip-over post-mounted applications are not currently supported by the calculation software and should be designed for 22.2 kN (5000 lbf) in all directions of loading.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Cable Tensioning kN (lbf)	(S-1) Cable Exit Angle
0.2 (0.4)	38 (8540)	0.8 (180) or 5.0 (1125)	15° Maximum (0° for 5kN Tension)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish
A 1	Intermediate Bracket	316 Stainless Steel	Electropolished

TECHNICAL DATA SHEET: 7241161

Anchor System Eye & Pin

Part No: 7241161



Fall Protection

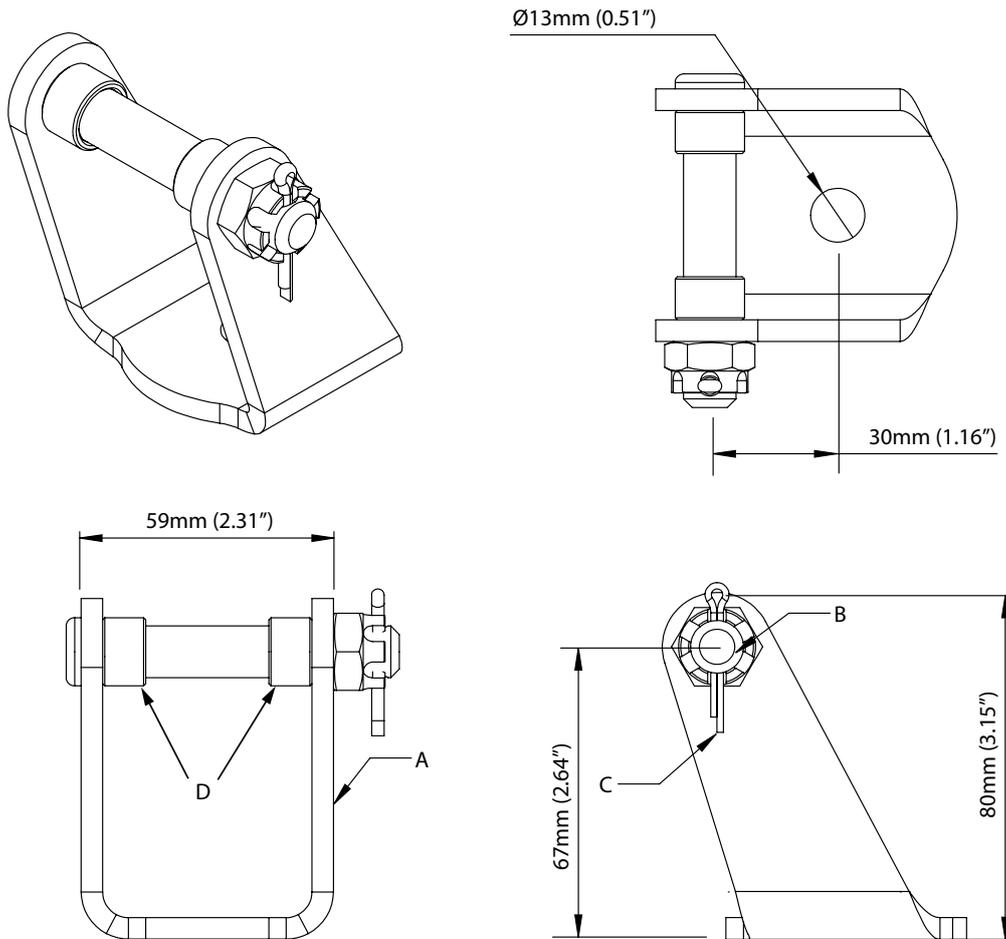
APPLICATION:

The Anchor System Eye and Pin should be fitted to an End Anchor in an 8mm Anchor and Cable System. M12 A470 SS Bolt, Nyloc Nut, and Washer as supplied with post.

Minimum grade A4-70 M12 (or 316 Stainless Steel, 100,000psi, 1/2 -13 inch) Fasteners should be used to fix bracket to structure at a recommended torque of 50 N-m (37 ft-lb) [30 N-m (22 ft-lb) for fitting to an anchor].

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)

Note: To be used ONLY on End/Corner Anchors. Do not fit to Intermediate Anchors.



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.34 (0.7)	22.2 (5000)	30 (22)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor System Eye	316 Stainless Steel	Electropolished
B	1	Anchor System Eye Pin	316 Stainless Steel	Electropolished
C	1	Split Pin	316 Stainless Steel	Electropolished
D	2	Spacer	Nylon	Natural

TECHNICAL DATA SHEET: 7241168

RA Single Point Eye

Part No: 7241168

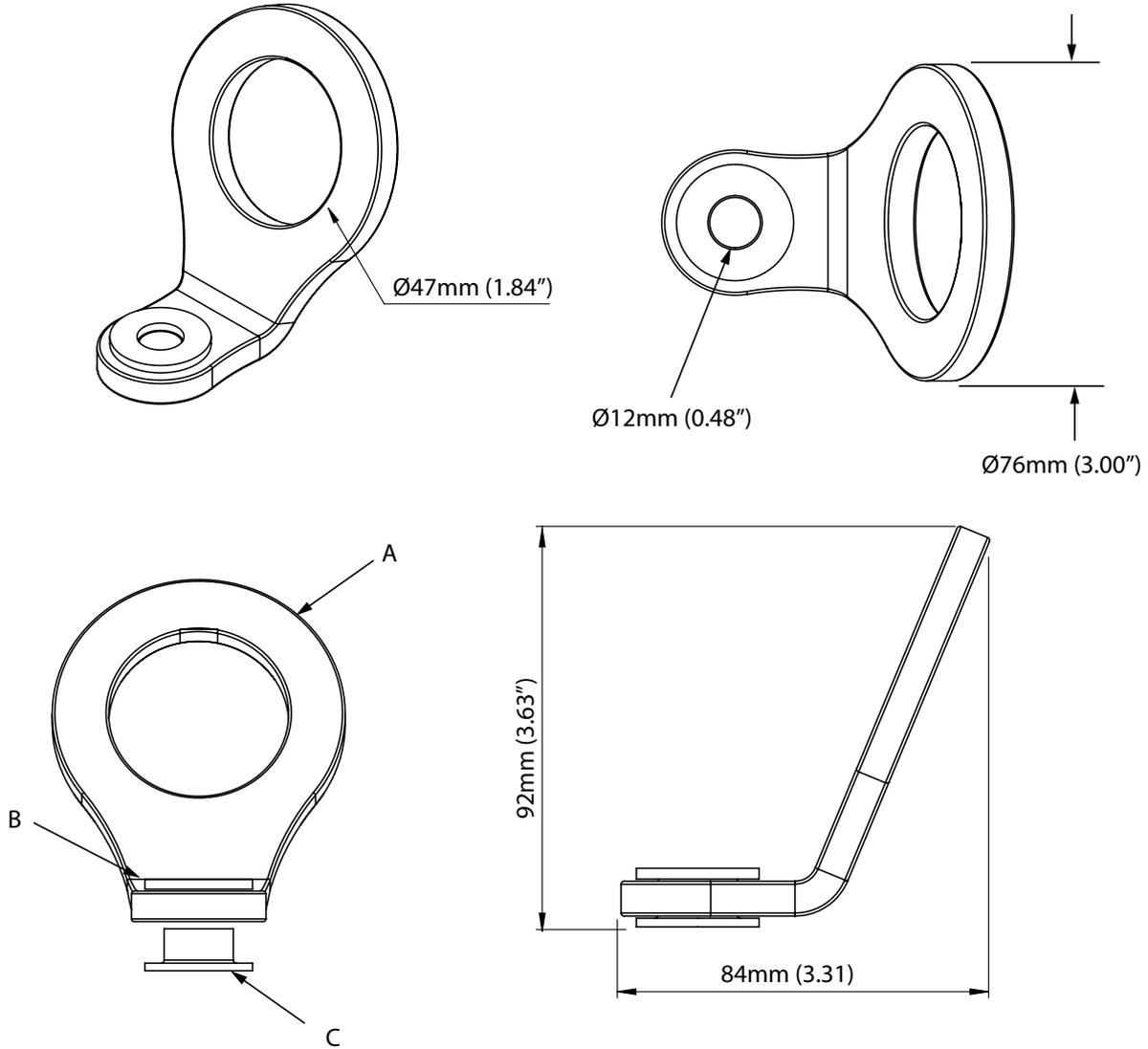


Fall Protection

APPLICATION:

Used in conjunction with 3M DBI-SALA Anchors to create a single-point attachment for a single user.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)	Installation Torque N-m (ft-lb)
0.8 (1.8)	26 (5850)	30 (22)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	RA Single Point Eye	316 Stainless Steel	Polished
B	1	M12 Washer	316 Stainless Steel	Polished
C	1	RA Rotation Sleeve	316 Stainless Steel	Polished

TECHNICAL DATA SHEET: 7241166

Anchor Throw Plate Kit

Part No: 7241166



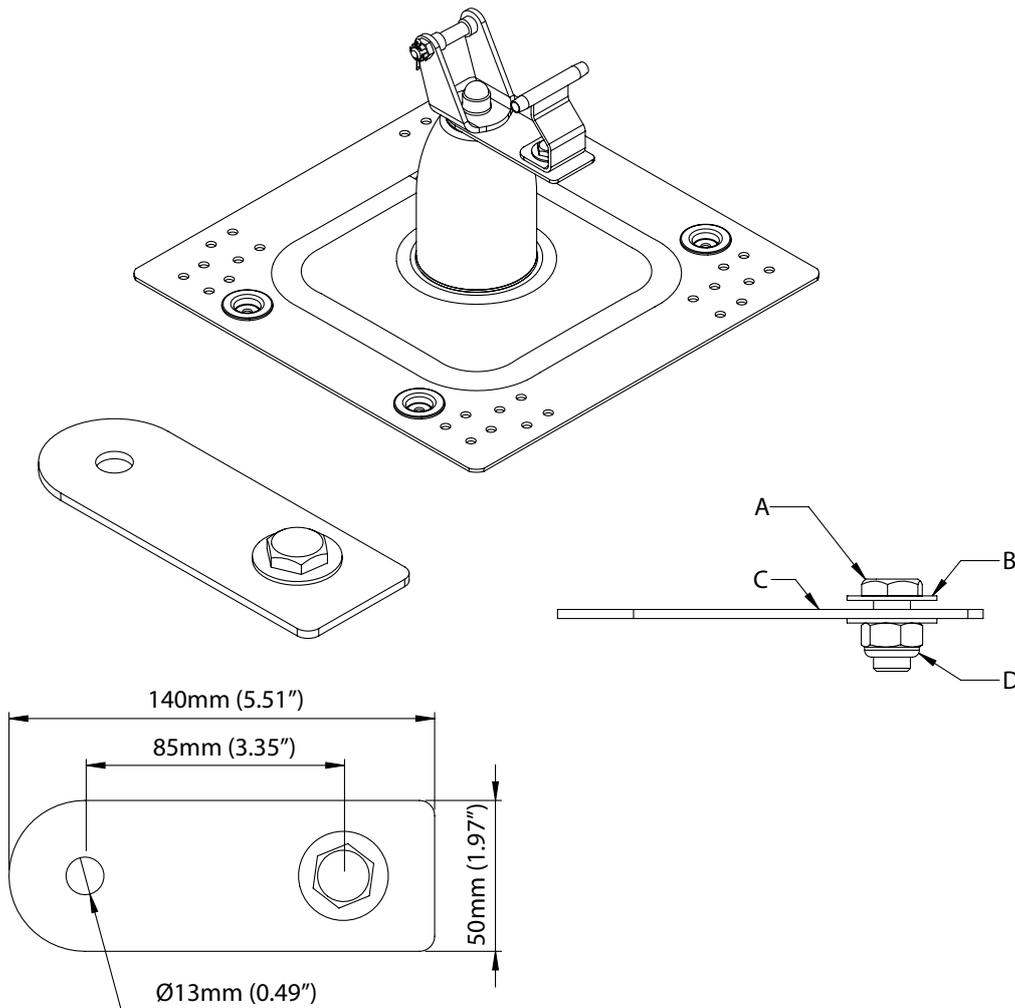
Fall Protection

APPLICATION:

The Anchor Throw Plate Kit is for use with an End / Corner Anchor to allow two systems to intersect on the same post.

Note: Additional fasteners are provided to attach the plate. 3M DBI-SALA Anchor sold separately. Cannot be used with old style Force Management Anchors.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Minimum Breaking Strength kN (lbf)
0.164 (0.4)	40 (9000)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	M12x25 Set Screw	A470 Stainless Steel	Natural
B	1	M12 Flat Washer	A470 Stainless Steel	Natural
C	1	Anchor Throw Plate	316 Stainless Steel	Electropolished
D	1	M12 Nylon Insert Lock Nut	A470 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7234005

7.7 Rivet

Part No: 7234005



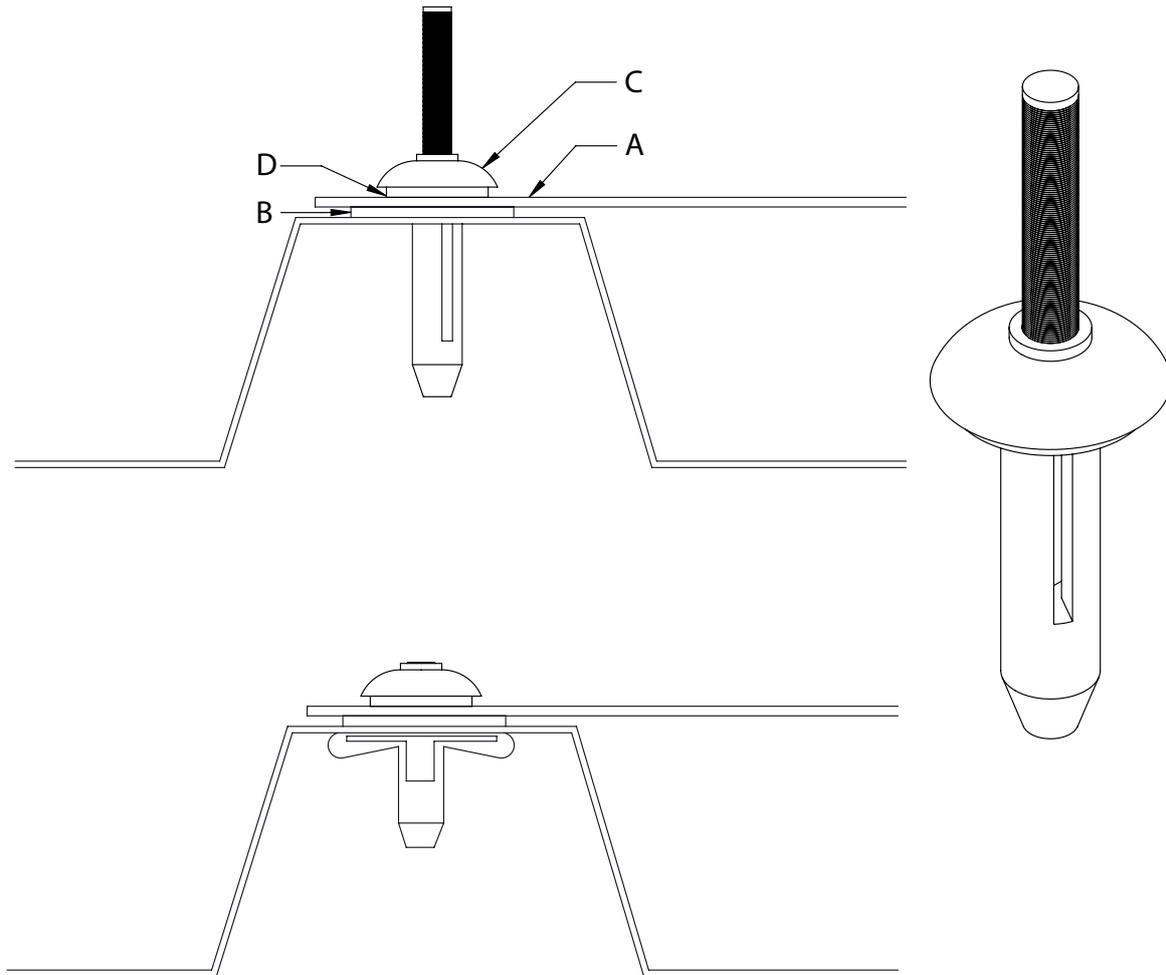
Fall Protection

APPLICATION:

The 7.7 Rivet is used in conjunction with 3M DBI-SALA Anchors and Rail for installation on trapezoidal roof profiles (composite/built-up/secret fix) and for joining the Rail to spreader plates.

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Single Rivet - Shear Strength = 6.8kN (1530 lbf) / Tensile Strength = 5kN (1125 lbf) / Grip Range = 1 to 9.5mm



A	Baseplate
B	Sealing Tape

PART SPECIFICATION:

Net Weight kg (lb.)
0.67 / 100 (1.48 / 100)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
C	1	Rivet	6000 Series Aluminum Alloy	Natural
D	1	Washer	Neoprene	Natural

TECHNICAL DATA SHEET: 7234028

Maxi Clamp Z

Part No: 7234028



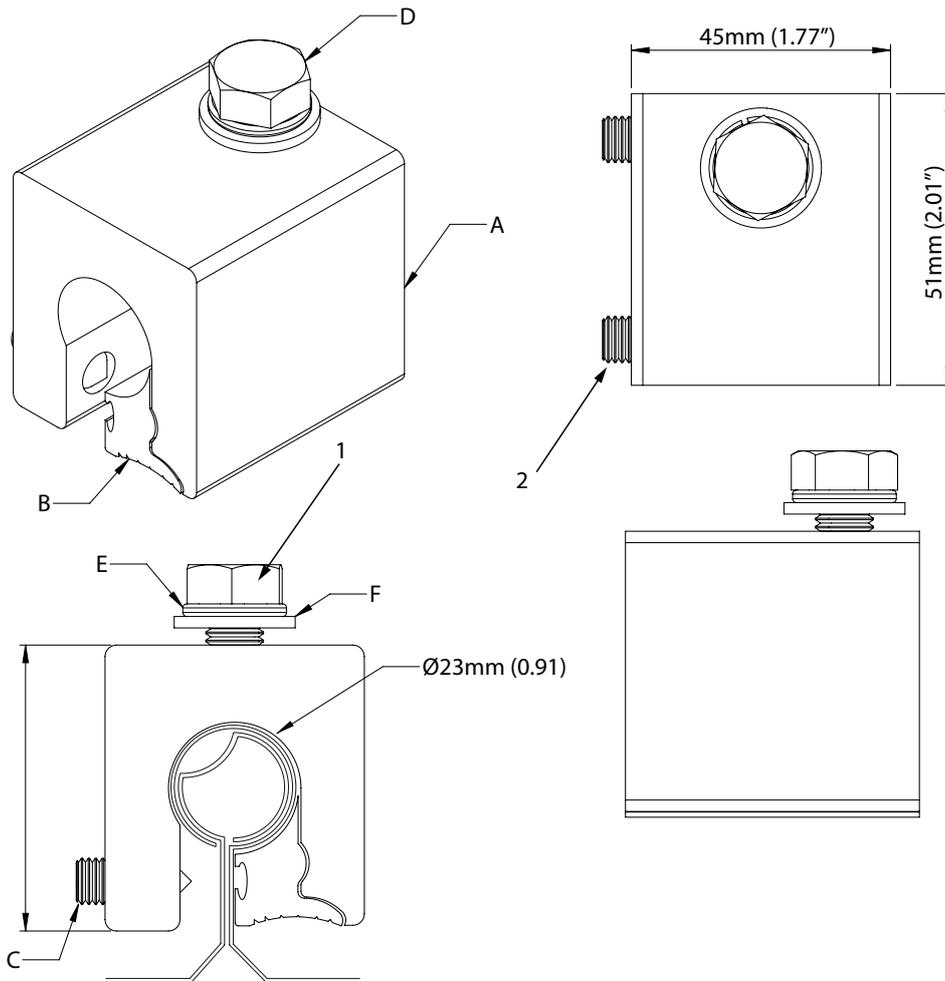
Fall Protection

APPLICATION:

The Maxi Clamp is used to attach 3M DBI-SALA Anchors and Rail to bulb-type standing seam roof profiles.

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Torque -1 N-m (ft-lb)	Torque -2 N-m (ft-lb)
0.26 (0.6)	30 (22)	15 (11)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Body	6000 Series Aluminum Alloy	Natural
B	1	Insert	6000 Series Aluminum Alloy	Natural
C	2	3/8" x 1/2" Set Screw	A470 Stainless Steel	Natural
D	1	M10 x 20 Fastener	A470 Stainless Steel	Natural
E	1	M10 Spring Washer	A470 Stainless Steel	Natural
F	1	M10 Flat Washer	A470 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7234008

Maxi Clamp E

Part No: 7234008



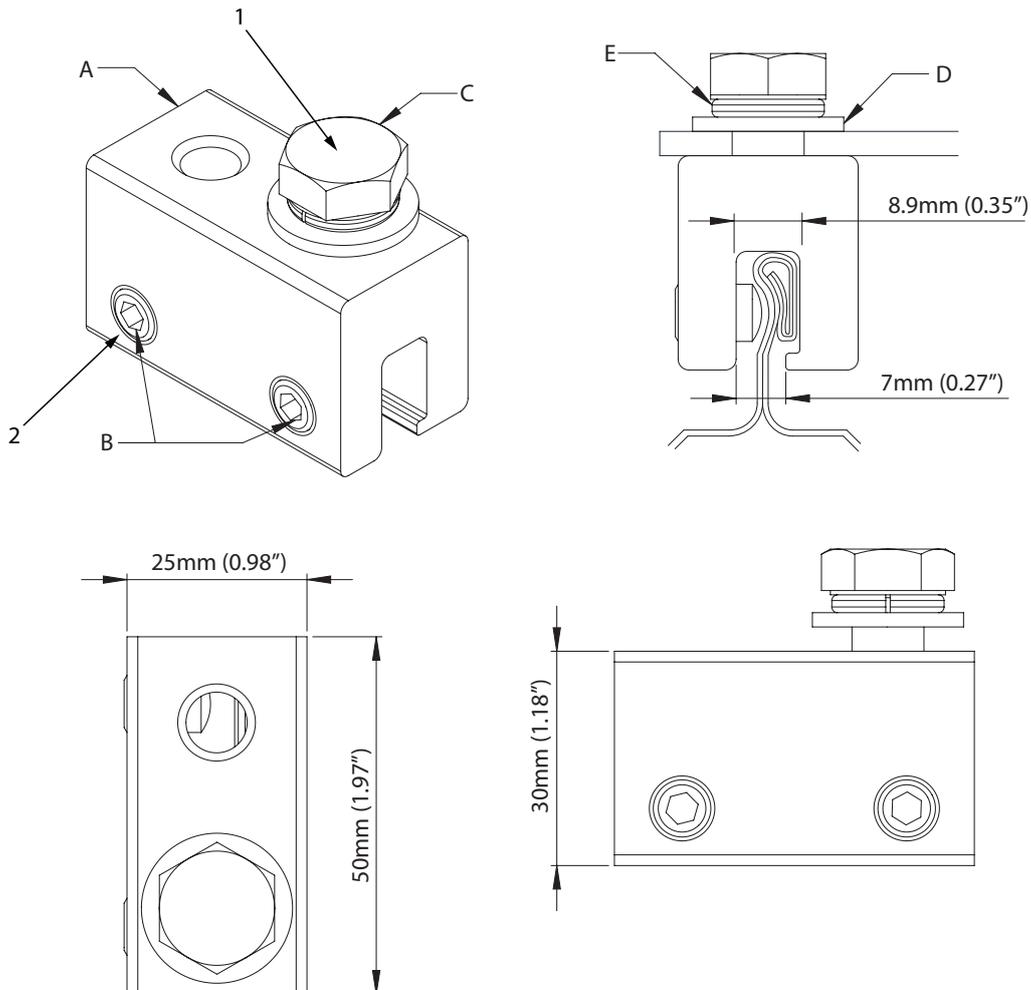
Fall Protection

APPLICATION:

The Maxi Clamp is used to attach 3M DBI-SALA Anchors and Rail to a variety of standing seam roof profiles.

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Torque - 1 N-m (ft-lb)	Torque - 2 N-m (ft-lb)
0.13 (0.3)	30 (22)	15 (11)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Body	6000 Series Aluminum Alloy	Natural
B	2	3/8" x 1/2" Set Screw	A470 Stainless Steel	Natural
C	1	M10 x 20 Fastener	A470 Stainless Steel	Natural
D	1	M10 Spring Washer	A470 Stainless Steel	Natural
E	1	M10 Flat Washer	A470 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7234029

Maxi Clamp U

Part No: 7234029



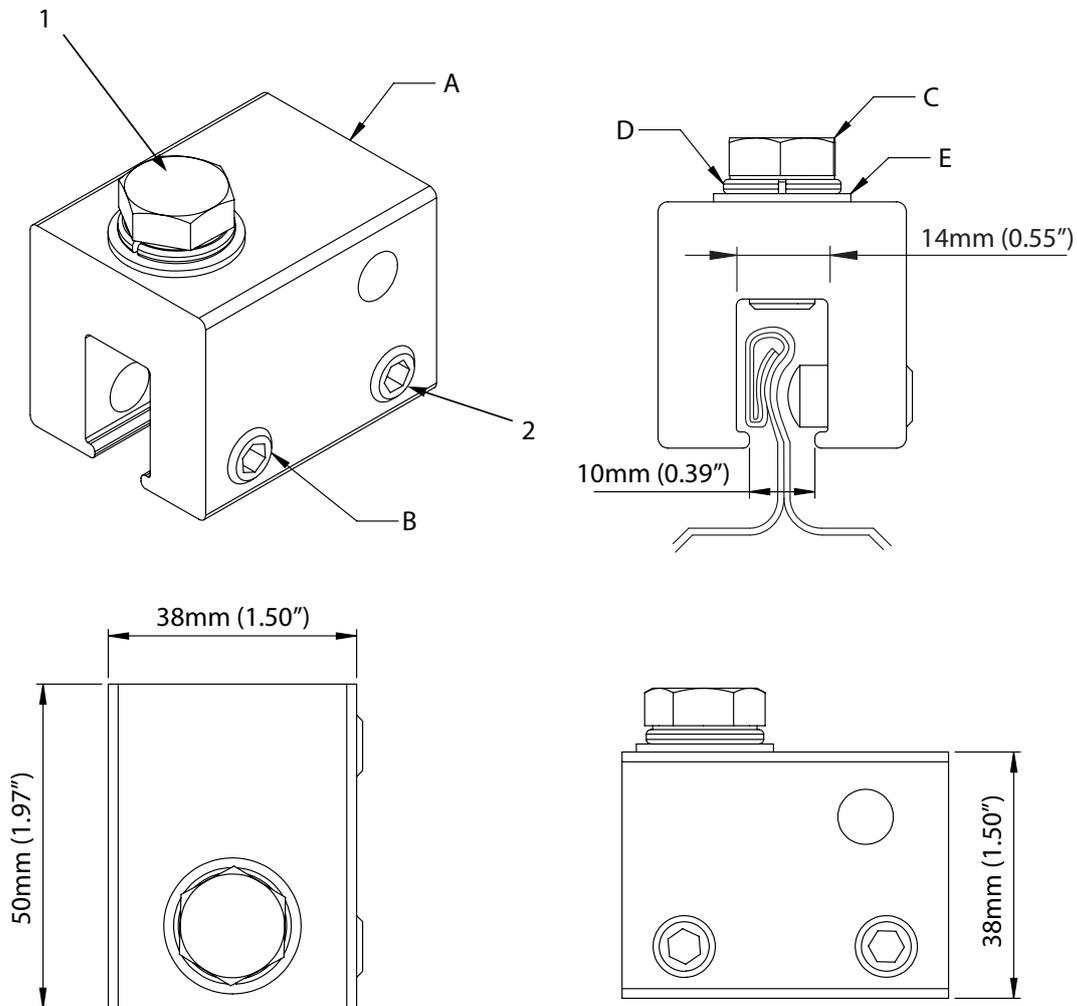
Fall Protection

APPLICATION:

The Maxi Clamp is used to attach the 3M DBI-SALA Anchors and Rail to a variety of standing seam roof profiles.

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



PART SPECIFICATION:

Net Weight kg (lb.)	Torque -1 N-m (ft-lb)	Torque -2 N-m (ft-lb)
0.218 (0.5)	30 (22)	15 (11)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Body	6000 Series Aluminum Alloy	Natural
B	2	3/8" x 1/2" Set Screw	A470 Stainless Steel	Natural
C	1	M10x20 Fastener	A470 Stainless Steel	Natural
D	1	M10 Flat Washer	A470 Stainless Steel	Natural
E	1	M10 Spring Washer	A470 Stainless Steel	Natural

TECHNICAL DATA SHEET: 7241180

Anchor Concrete Fixing 150mm x 4

Part No: 7241180



Fall Protection

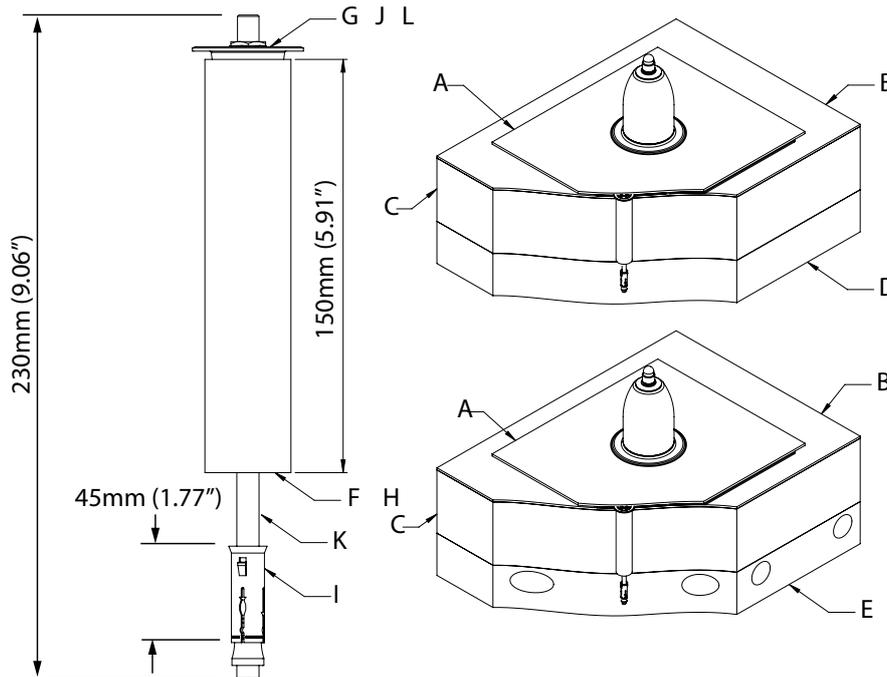
APPLICATION:

The Anchor Concrete Fixing is used in conjunction with 3M DBI-SALA Anchors and Rail for installation into concrete.

The Anchor Concrete Fixing is suitable for solid or hollow concrete. Solid concrete must have a minimum strength of 25 N/mm² (3600psi) and hollow concrete must have a minimum strength of 55 N/mm² (8000psi).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Old Membrane
C	Insulation
D	Concrete with Insulation
E	Hollow Core Concrete with Insulation

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
0.603 (1.3)	15 (11.0)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
F	1	Foam Insulation	Polyethylene Foam	Natural
G	1	Cup Washer	Carbon Steel	Zinc Flake
H	1	Alignment Tube ID 27mm (1.06") OD 31 (1.22")	PVC	Natural
I	1	M8 Concrete Fixing	Carbon Steel	Zinc Plating
J	1	M8 Washer	Carbon Steel	Zinc Flake
K	1	M8 Threaded Rod	Grade 8.8 Steel	Zinc Plating
L	1	M8 Nut	Grade 8.8 Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241181

Anchor Concrete Fixing 300mm x 4

Part No: 7241181



Fall Protection

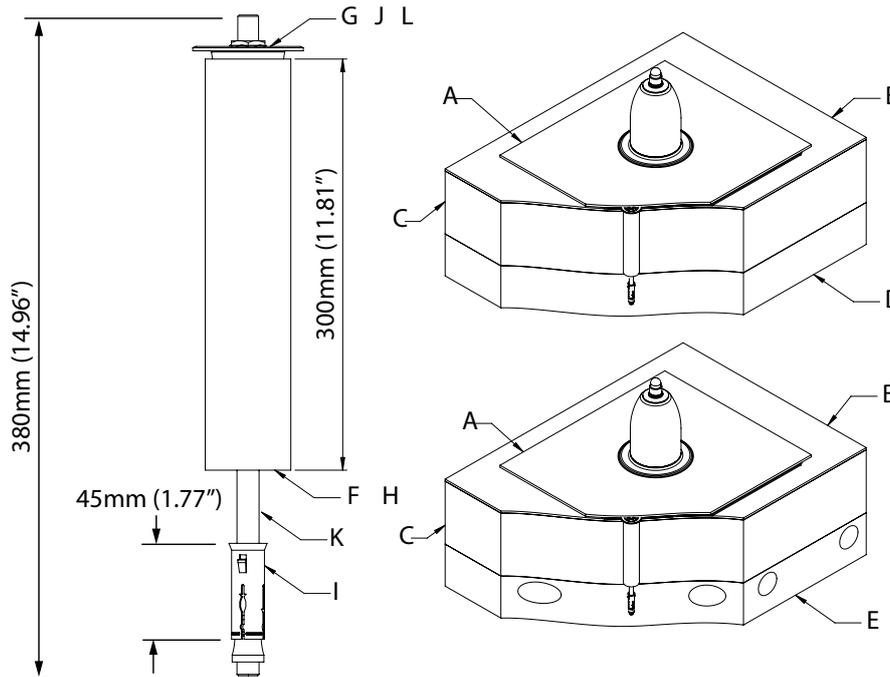
APPLICATION:

The Anchor Concrete Fixing is used in conjunction with 3M DBI-SALA Anchors and Rail for installation into concrete.

The Anchor Concrete Fixing is suitable for solid or hollow concrete. Solid concrete must have a minimum strength of 25 N/mm² (3600psi) and hollow concrete must have a minimum strength of 55 N/mm² (8000psi).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Existing Membrane
C	Insulation
D	Concrete with Insulation
E	Hollow Core Concrete with Insulation

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
0.971 (2.1)	15 (11.0)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
F	1	Foam Insulation	Polyethylene Foam	Natural
G	1	Cup Washer	Carbon Steel	Zinc Flake
H	1	Alignment Tube ID 27mm (1.06\"/>		
I	1	M8 Concrete Fixing	Carbon Steel	Zinc Plating
J	1	M8 Washer	Carbon Steel	Zinc Flake
K	1	M8 Threaded Rod	Grade 8.8 Steel	Zinc Plating
L	1	M8 Nut	Grade 8.8 Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241279

Anchor Concrete Fixing 500mm x 4

Part No: 7241279



Fall Protection

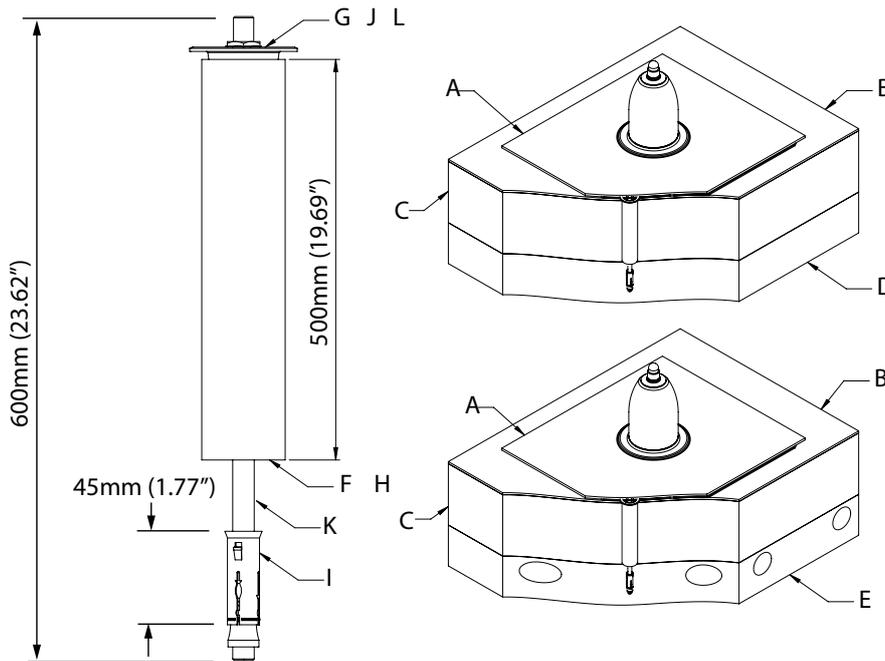
APPLICATION:

The Anchor Concrete Fixing is used in conjunction with 3M DBI-SALA Anchors and Rail for installation into concrete.

The Anchor Concrete Fixing is suitable for solid or hollow concrete. Solid concrete must have a minimum strength of 25 N/mm² (3600psi) and hollow concrete must have a minimum strength of 55 N/mm² (8000psi).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Existing Membrane
C	Insulation
D	Concrete with Insulation
E	Hollow Core Concrete with Insulation

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
1.6 (3.5)	15 (11.0)

COMPONENT SPECIFICATION:

Qty.	Component	Material	Finish	
F	1	Foam Insulation	Polyethylene Foam	Natural
G	1	Cup Washer	Carbon Steel	Zinc Flake
H	1	Alignment Tube ID 27mm (1.06") OD 31 (1.22")	PVC	Natural
I	1	M8 Concrete Fixing	Carbon Steel	Zinc Plating
J	1	M8 Washer	Carbon Steel	Zinc Flake
K	1	M8 Threaded Rod	Grade 8.8 Steel	Zinc Plating
L	1	M8 Nut	Grade 8.8 Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241182

Anchor Toggle Fixing 150mm x 4

Part No: 7241182



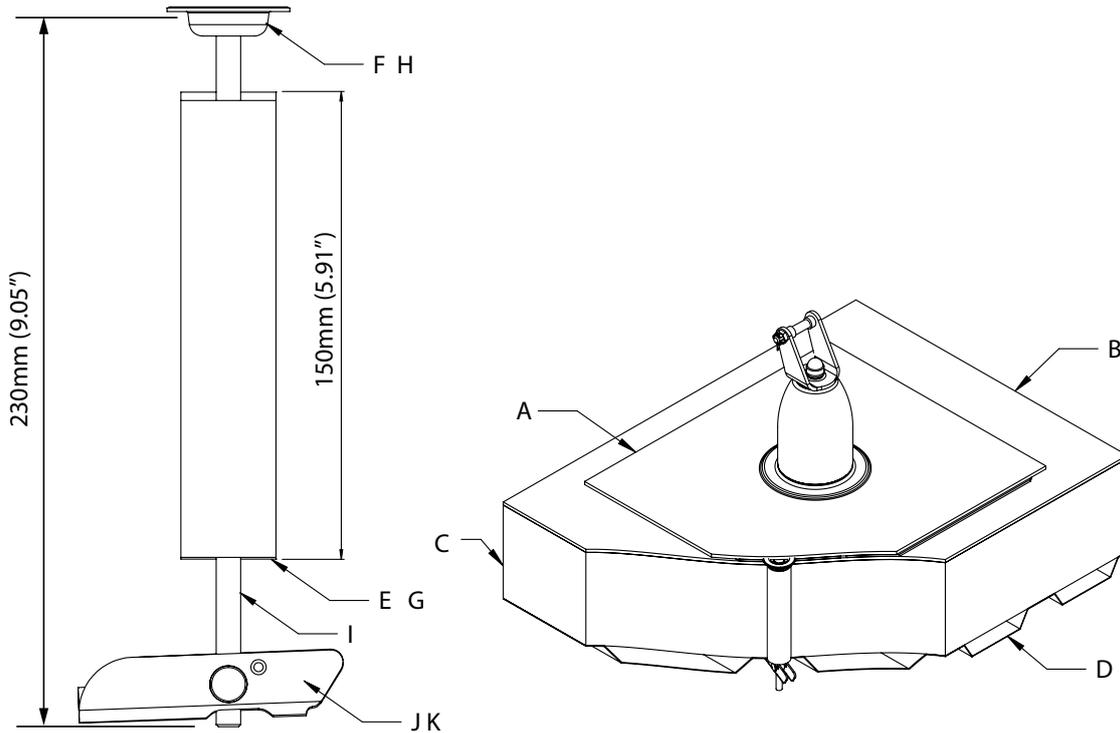
Fall Protection

APPLICATION:

The Anchor Toggle Fixing is used in conjunction with 3M DBI-SALA Anchors for installation on flat roofs on trapezoidal and plywood deck (Minimum of 18mm [0.71"] thick).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Existing Membrane
C	Insulation
D	Deck

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
0.755 (1.7)	15 (11.0)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Foam Insulation	Polyethylene Foam	Natural
F	1	Cup Washer	Carbon Steel	Zinc Flake
G	1	Alignment Tube ID 27mm (1.06") OD 31 (1.22")	PVC	Natural
H	1	M8 Washer	Carbon Steel	Zinc Flake
I	1	M8 Bolt	Grade 8.8 Steel	Zinc Plating
J	1	M8 Barrel Nut	Carbon Steel	Zinc Plating
K	1	Toggle Forming	Carbon Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241183

Anchor Toggle Fixing 300mm x 4

Part No: 7241183



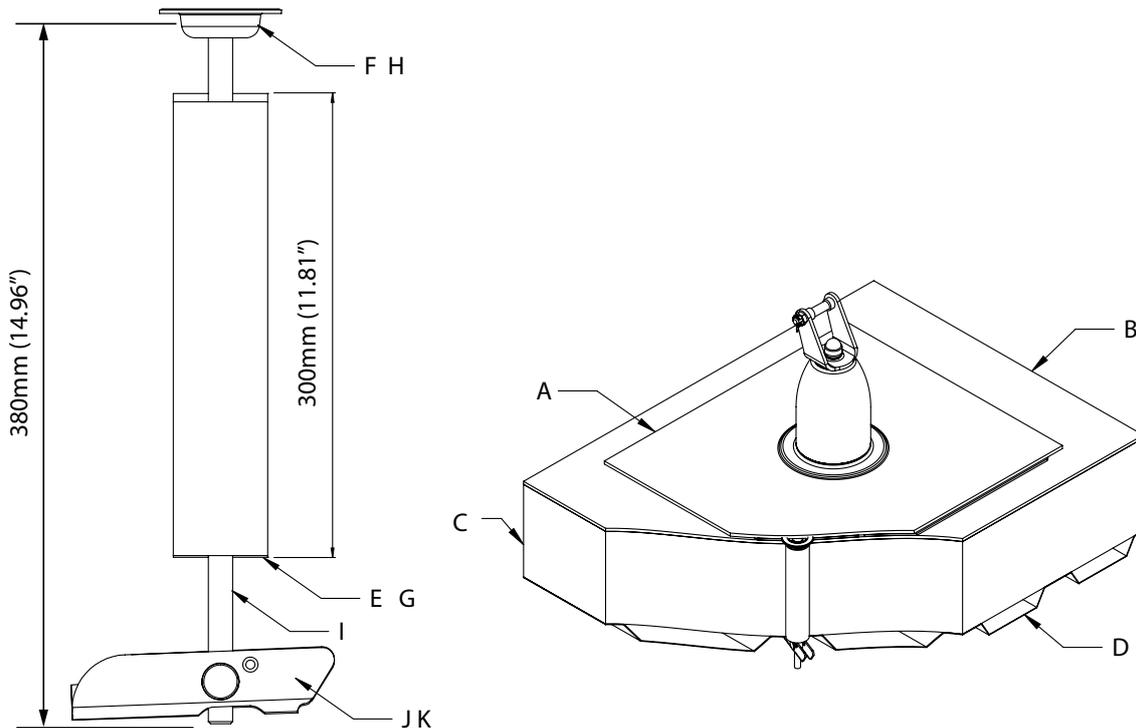
Fall Protection

APPLICATION:

The Anchor Toggle Fixing is used in conjunction with 3M DBI-SALA Anchors for installation on flat roofs on trapezoidal and plywood deck (Minimum of 18mm [0.71"] thick).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Existing Membrane
C	Insulation
D	Deck

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
1.14 (2.5)	15 (11.0)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Foam Insulation	Polyethylene Foam	Natural
F	1	Cup Washer	Carbon Steel	Zinc Flake
G	1	Alignment Tube ID 27mm (1.06") OD 31 (1.22")	PVC	Natural
H	1	M8 Washer	Carbon Steel	Zinc Flake
I	1	M8 Bolt	Grade 8.8 Steel	Zinc Plating
J	1	M8 Barrel Nut	Carbon Steel	Zinc Plating
K	1	Toggle Forming	Carbon Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241280

Anchor Toggle Fixing 500mm x 4

Part No: 7241280



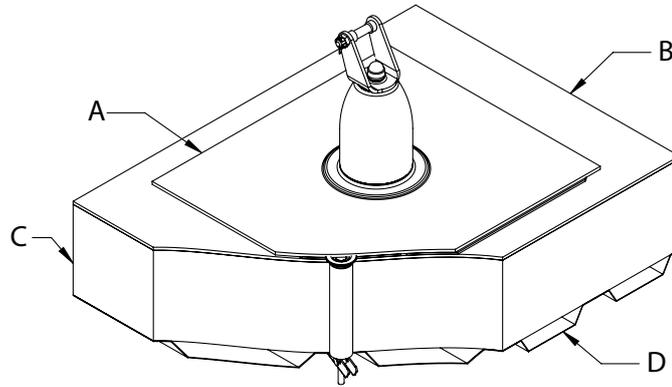
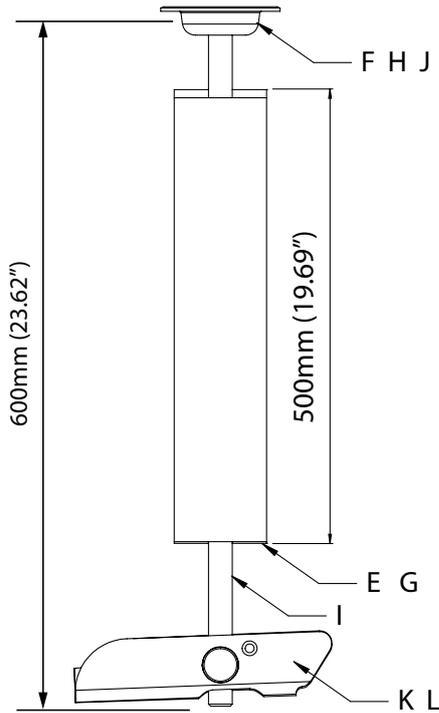
Fall Protection

APPLICATION:

The Anchor Toggle Fixing is used in conjunction with 3M DBI-SALA Anchors for installation on flat roofs on trapezoidal and plywood deck (Minimum of 18mm [0.71"] thick).

Fixing in application shall be designed to withstand a minimum of 5kN (1125 lbf) in shear and tension at each corner of the Anchor Baseplate.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	New Membrane
B	Existing Membrane
C	Insulation
D	Deck

PART SPECIFICATION:

Net Weight kg (lb.)	Installation Torque N-m (ft-lb)
1.5 (3.3)	15 (11.0)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Foam Insulation	Polyethylene Foam	Natural
F	1	Cup Washer	Carbon Steel	Zinc Flake
G	1	Alignment Tube ID 27mm (1.06") OD 31 (1.22")	PVC	Natural
H	1	M8 Washer	Carbon Steel	Zinc Flake
I	1	M8 Threaded Rod	Grade 8.8 Steel	Zinc Plating
J	1	M8 Nut	Grade 8.8 Steel	Zinc Plating
K	1	M8 Barrel Nut	Carbon Steel	Zinc Plating
L	1	Toggle Forming	Carbon Steel	Zinc Plating

TECHNICAL DATA SHEET: 7241236

Anchor Standing Seam Bearer

Part No: 7241236



Fall Protection

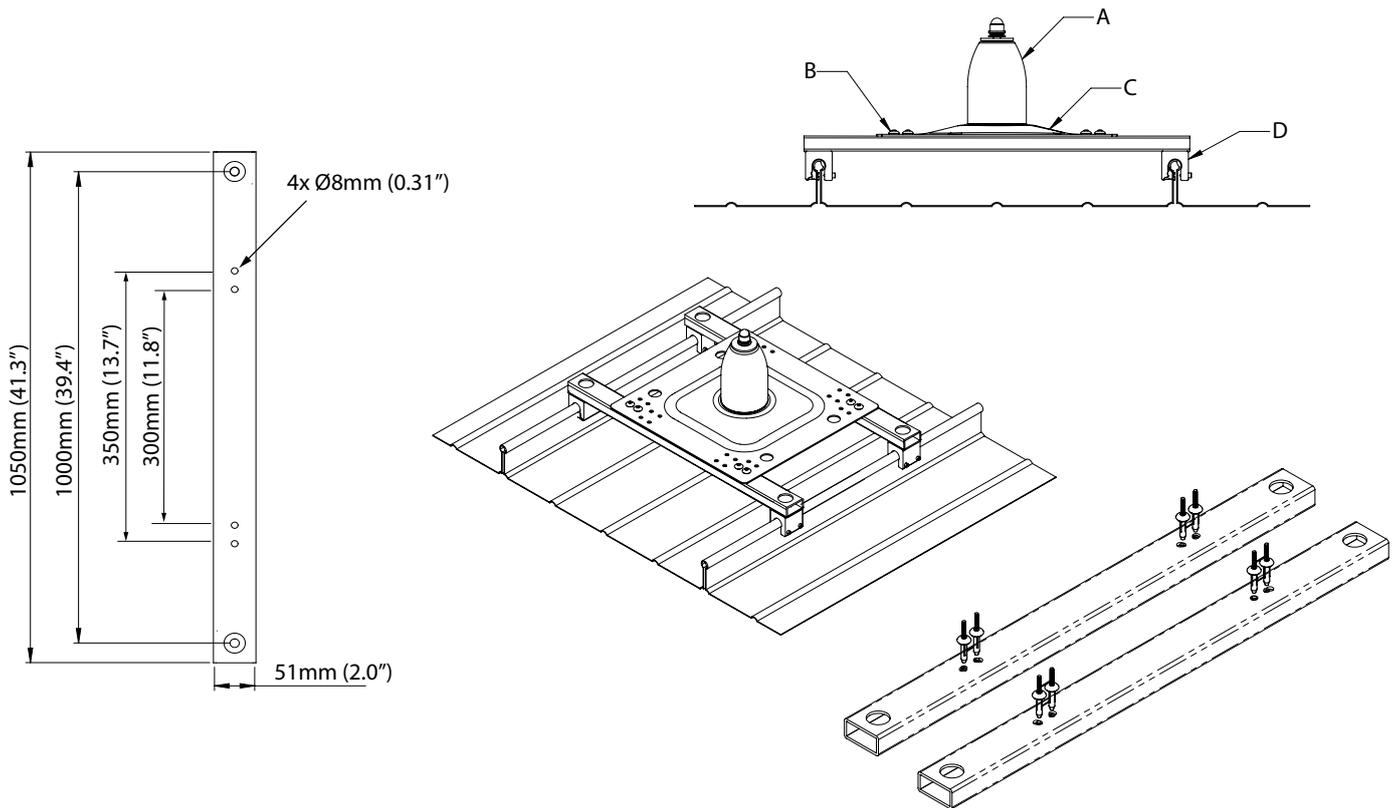
APPLICATION:

The Anchor Standing Seam Bearer is used in conjunction with 3M DBI-SALA Anchors for installation on standing seam roof profiles with a seam width of greater than 500mm.

Pack contains 2 bearers, suitable for one anchor.

Note: 3M DBI-SALA Anchor and Clamps sold separately.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	Anchor Module EC Top Fix (7241141)*
B	7.7 Rivet 100 (7234005)* 7.7 Rivet 500 (7234006)*
C	Anchor Baseplate 405x405 H (7241136)*
D	Clamp*
*	Order Separately

PART SPECIFICATION:

Net Weight kg (lb.)
1.46 (3.2)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Anchor Standing Seam Bearer	6000 Series Aluminum Alloy	Powder Coated

TECHNICAL DATA SHEET: 7241175

Anchor Standing Seam Bearer 600mm

Part No: 7241175



Fall Protection

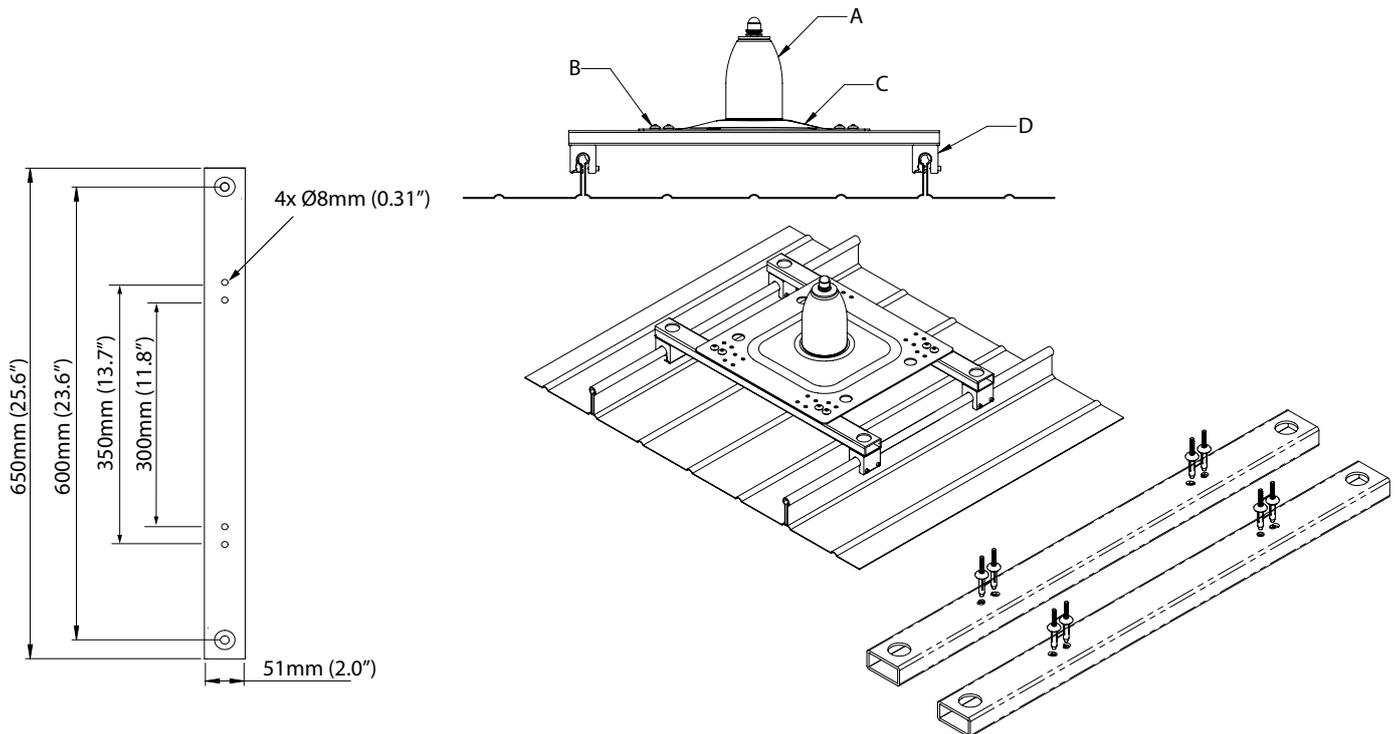
APPLICATION:

The Anchor Standing Seam Bearer is used in conjunction with 3M DBI-SALA Anchors for installation on standing seam roof profiles with a seam width of greater than 500mm.

Pack contains 2 bearers, suitable for one anchor.

Note: 3M DBI-SALA Anchor and Clamps sold separately.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	Anchor Module EC Top Fix (7241141)*
B	7.7 Rivet 100 (7234005)* 7.7 Rivet 500 (7234006)*
C	Anchor Baseplate 405x405 H (7241136)*
D	Clamp*
*	Order Separately

PART SPECIFICATION:

Net Weight kg (lb.)
1.46 (3.2)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Anchor Standing Seam Bearer 600mm	6000 Series Aluminum Alloy	Natural

TECHNICAL DATA SHEET: 7241316

Anchor Standing Seam Bearer 610mm (24")

Part No: 7241316



Fall Protection

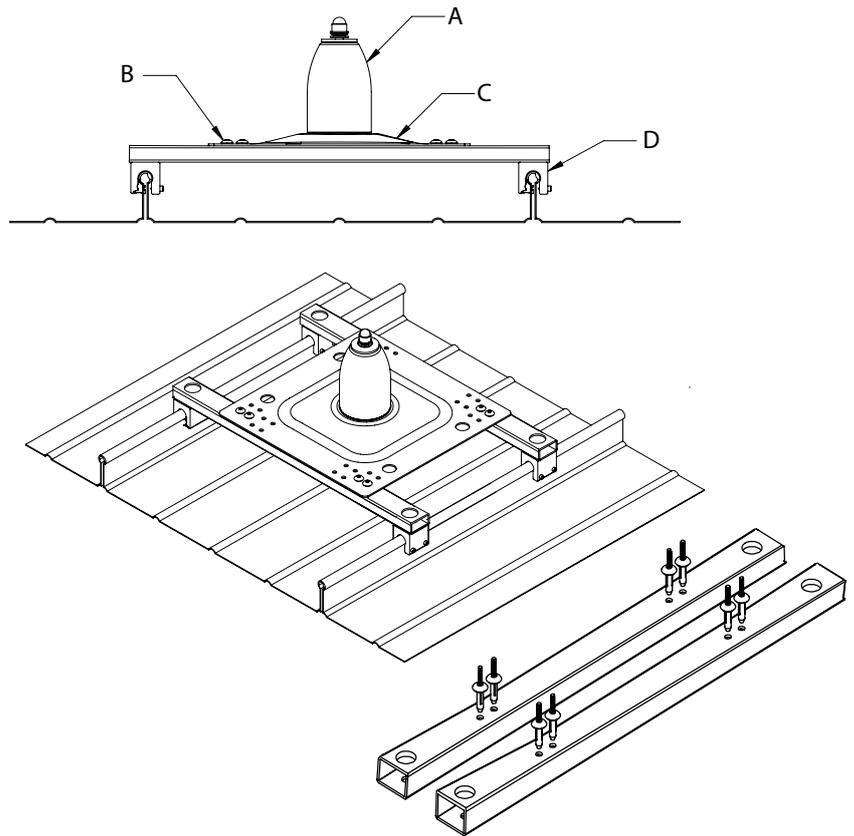
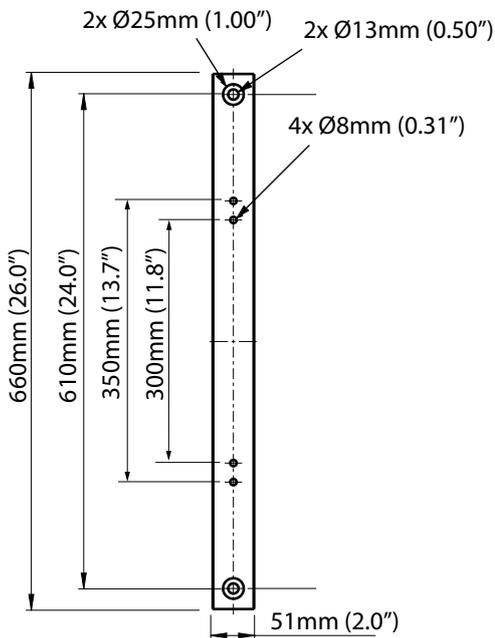
APPLICATION:

The Anchor Standing Seam Bearer is used in conjunction with 3M DBI-SALA Anchors for installation on standing seam roof profiles with a seam width of 24".

Pack contains 2 bearers, suitable for one anchor.

Note: 3M DBI-SALA Anchor and Clamps sold separately.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)



A	Anchor Module EC Top Fix (7241141)*
B	7.7 Rivet 100 (7234005)* 7.7 Rivet 500 (7234006)*
C	Anchor Baseplate 405x405 H (7241136)*
D	Clamp*
*	Order Separately

PART SPECIFICATION:

Net Weight kg (lb.)
1.46 (3.2)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
E	1	Anchor Standing Seam Bearer 610mm	6000 Series Aluminum Alloy	Natural

TECHNICAL DATA SHEET: 7241232

Anchor Tag EMEA LA

Part No: 7241232



Fall Protection

APPLICATION:

The Anchor Tag is for use on all cable systems (Languages: English, Spanish, Dutch, German, French, Portuguese, Italian, and Swedish).

The Anchor Tag must be attached in a visible location near the start of the system. It is completed by the installer with essential information for the user.

Operating Temperature Range: 120°C (248°F) to -50°C (-58°F)

90mm (3.54")

Installation Date / Instaldatum / Fecha de instalación / Montagedatum / Date d'installation / Data da instalação / Data installazione / Installationsdatum	
Installed By / Geïnstalleerd door / Instalado Por / Montiert durch / Installateur / Instalado por / Installato da / Installerad av	
Contact Number / Contactnr. / Tel. de contacto / Kontakttelefon / Téléphone / Nº de Contacto / Numero contato / Kontaktnummer	
Min. Ground Clearance (m) / Min. vrije-voelruimte (m) / Distancia mínima hasta el suelo (m) / Mindestabstand zum Boden (m) / Hauteur libre minimale (m) / Altura mínima libre (m) / Distancia libre mínima da terra (m) / Min. höjd ovanför marken	
Max. Users Per System / Max. aantal gebruikers per systeem / Máximo de usuarios por sistema / Maximale Benutzer pro System / Nombre maximal d'utilisateurs par système / Nº máximo de utilizadores por sistema / Max. användare per system	
Max. Users Per Span / Max. aantal gebruikers per overspanning / Máximo de usuarios por vano / Höchstzahl der Benutzer pro Spannweite / Nombre maximal d'utilisateurs par portée / Nº máximo de utilizadores por vão / N. utenti max. per sezione / Max. användare per skena	
Next Service Date / Datum volgende keuring / Próxima fecha de revisión / Termin der nächsten Wartung / Prochaine date d'ent.retien / Data da próxima inspeção / Data prossima manutenzione / Nästa servicedatum	
System Serial No. / Seriennummer / Número de serie del sistema / Seriennummer des Systems / Numéro de série / Nº de série do sistema / N. di serie sistema / Systemets serienr.	
Use Energy Absorbing Lanyards / Gebruik energie-absorberende verbindingslijnen / Usar cables de absorción de energía / Verwenden Sie fallstämpfende Sicherheits-Anschlusse / Utilisez des bingies à absorption d'énergie / Usar cordas com amortecedor de energia / Utilizzare funi ad assorbimento d'energia / Använd energiupptagande torep	

EN795: 2012 Type C
CEN TS 16415:2013 Type C
OSHA 1926.502
AS/NZS 1891.2

7241184 Rev. E

3M.com/FallProtection

215mm (8.45")

PART SPECIFICATION:

Net Weight kg (lb.)
0.009 (0.02)

COMPONENT SPECIFICATION:

	Qty.	Component	Material	Finish
A	1	Anchor Tag	Aluminum 5005	Anodized. Screen printed & low temperature baked.