



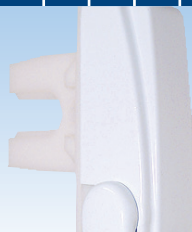
WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS



WINDOW TECHNOLOGY – TECHNICAL DOCUMENTATION | SECTION 02T.1



Casement & Awning Windows Hardware



Securing technology for you





02T.1

Casement & Awning Hardware

Dyad Arm Operator for Casement Windows..... 02T.1.5

Dual Arm Operator & Track for Casement Windows..... 02T.1.7

Stud Brackets for Casement Operators..... 02T.1.9

Cover & Fold-in Handle Kit for Operators..... 02T.1.9

Fenix Evo Cover & Fold-in Handle Kit for Operators..... 02T.1.10

Bracket for Casement Operators..... 02T.1.10

Scissor Arm Operator for Awning Windows..... 02T.1.11

Snap-on 10" & 14" Adjustable Hinges02T.1.13

Awning Fixed Hinges 02T.1.14

Multipoint Locking Handles.....02T.1.15

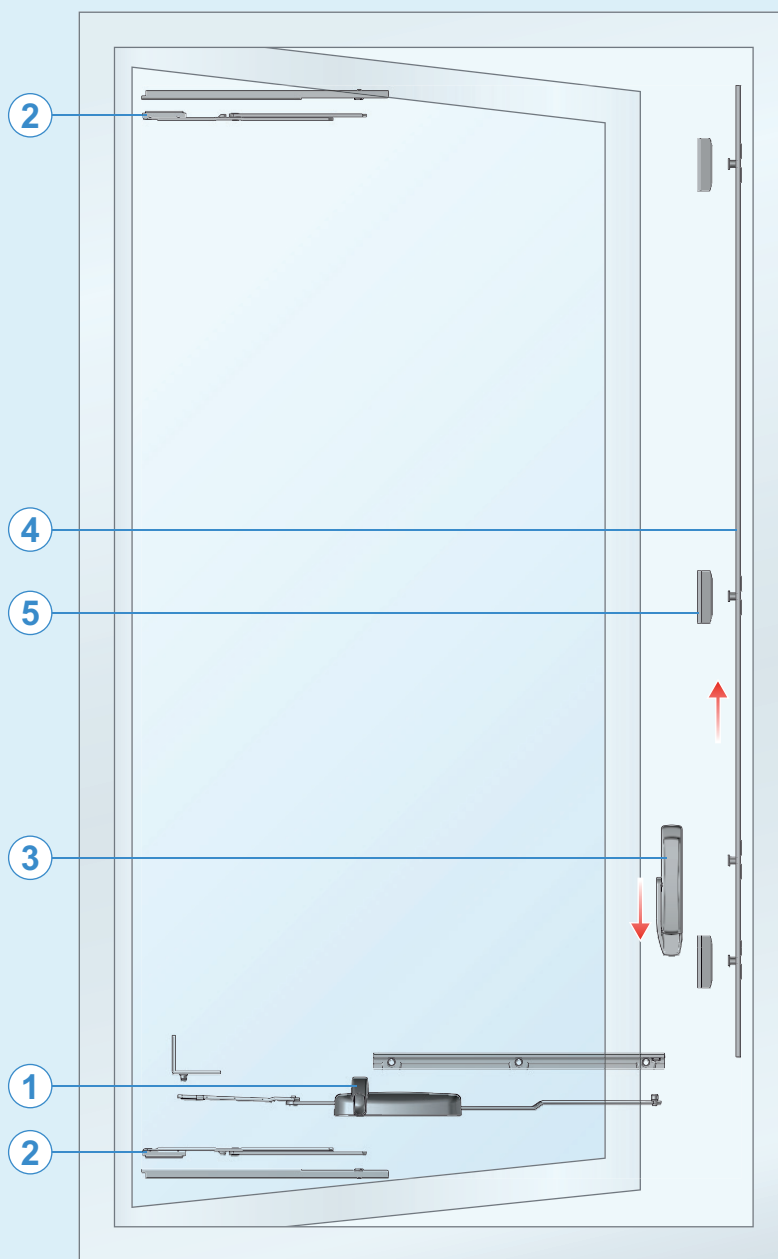
Single Point Locking Handles.....02T.1.17

Series 6-C2700 Multipoint Locking Bars 02T.1.18

Multipoint Keepers 02T.1.19

Single Point Keepers..... 02T.1.21

Snubbers..... 02T.1.22



INSIDE VIEW

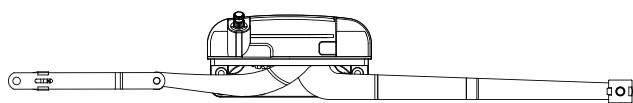
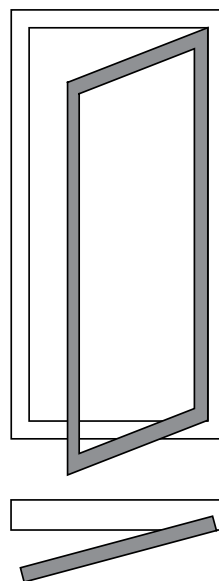
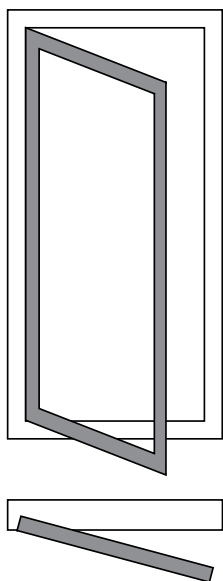
Casement window

- | | |
|---|---------------------------------|
| 1 | Operator with bracket and track |
| 2 | Casement hinges |
| 3 | Multipoint locking handle |
| 4 | Multipoint locking bar |
| 5 | Keepers |



OUTSWING WINDOWS

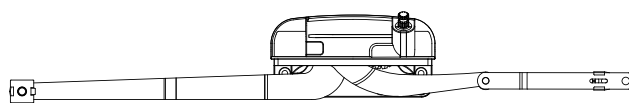
(VIEWED FROM OUTSIDE)



LEFT HAND OPERATOR

6-C2331-00-L-*

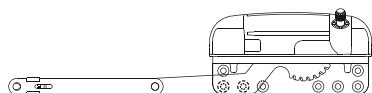
(use cover kit type A)



RIGHT HAND OPERATOR

6-C2331-00-R-*

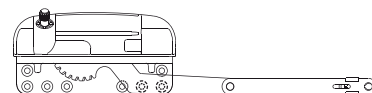
(use cover kit type B)



LEFT HAND OPERATOR

6-C2332-00-L-*

(use cover kit type B)



RIGHT HAND OPERATOR

6-C2332-00-R-*

(use cover kit type A)



HALF REACHING WEDGE (A)

9-C0148-00-A-6

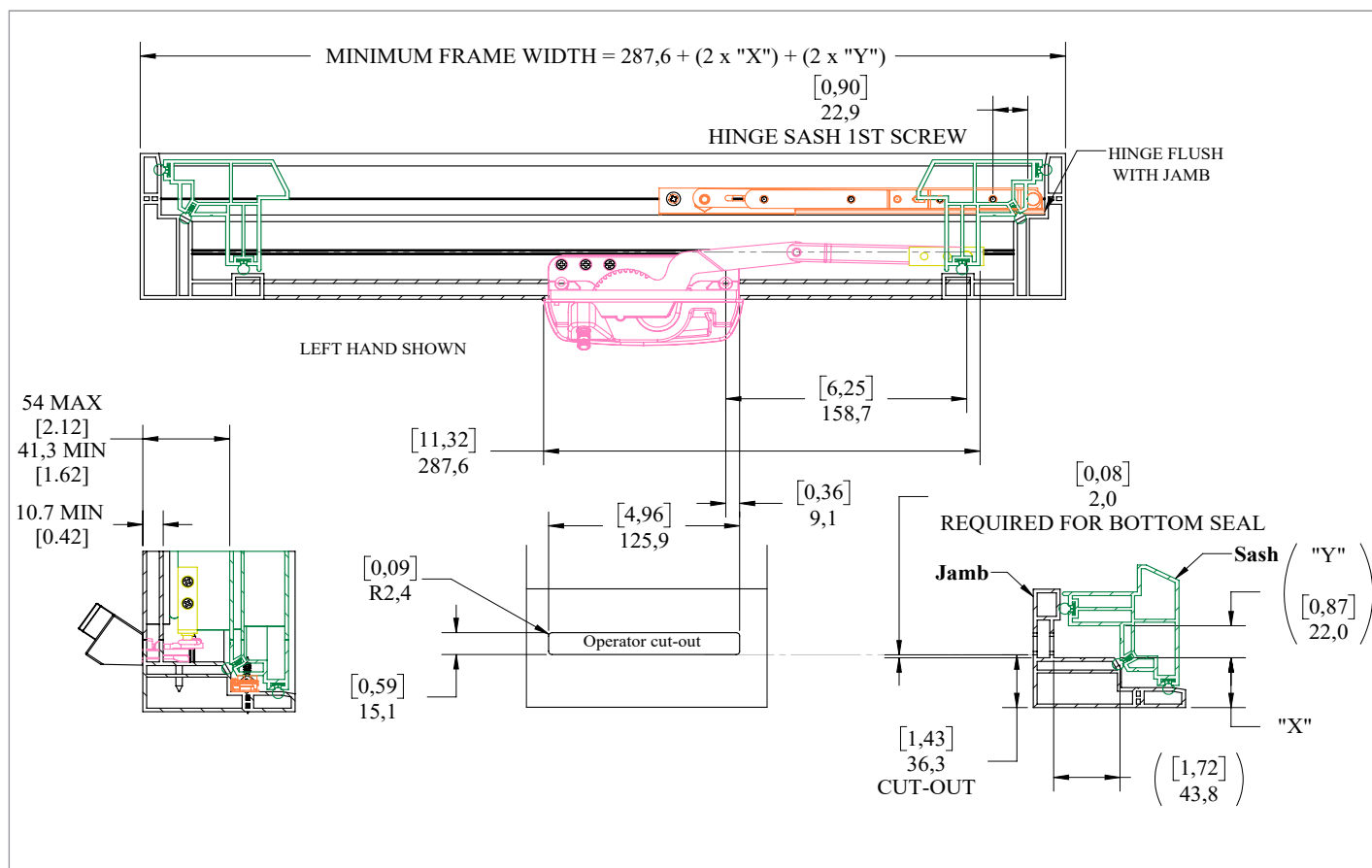


HALF REACHING WEDGE (B)

9-C0148-00-B-6

Casement & Awning Window Hardware

Window Casement System



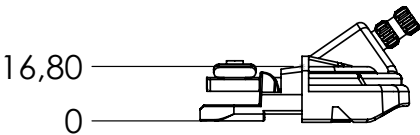
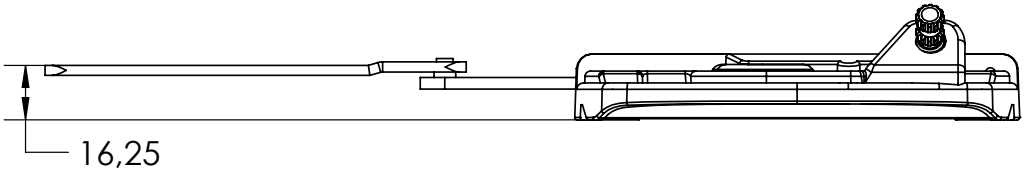
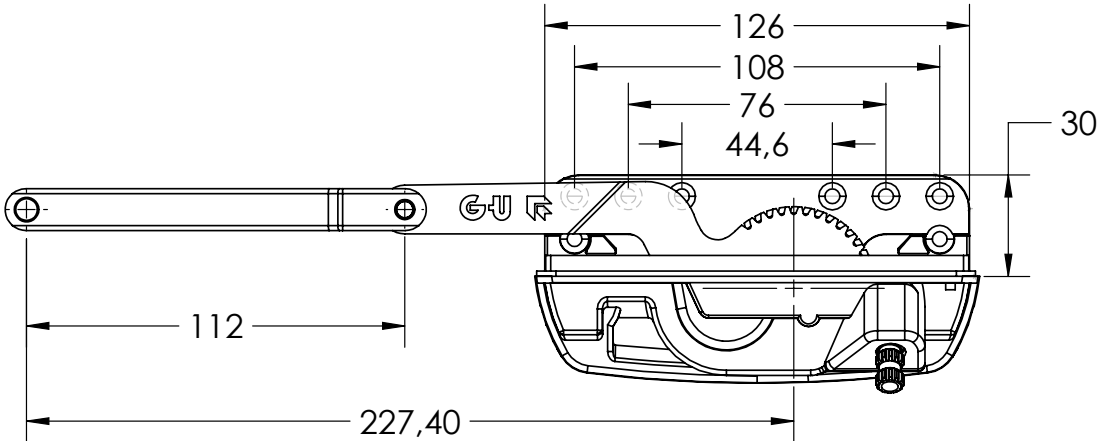
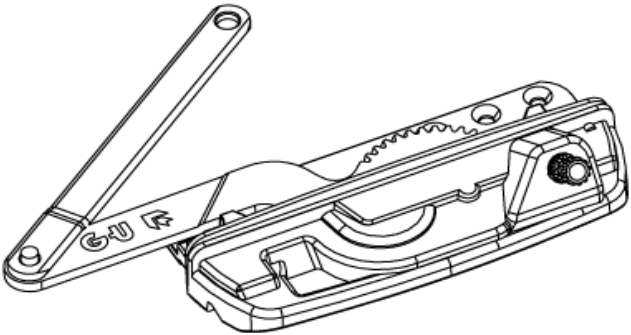
02
1



Dyad Arm Casement Operator

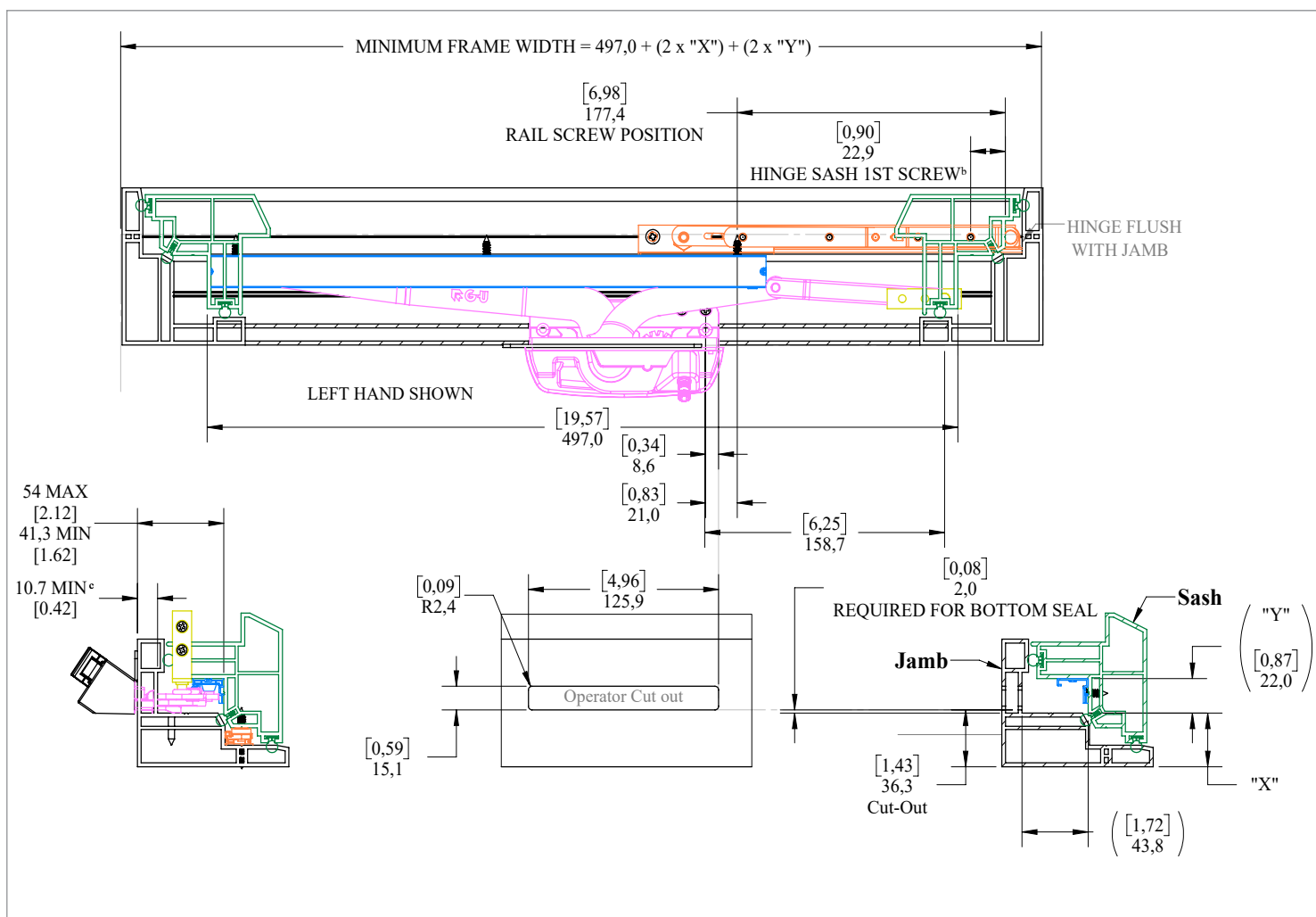
Description	Part Number
Operator	6-C2332-00-L/R-8

RIGHT HAND SHOWN



Casement & Awning Window Hardware

Window Casement System

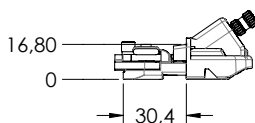
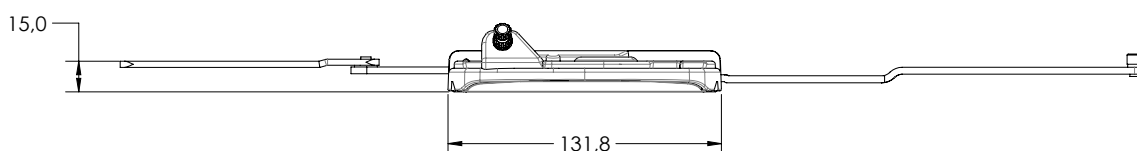
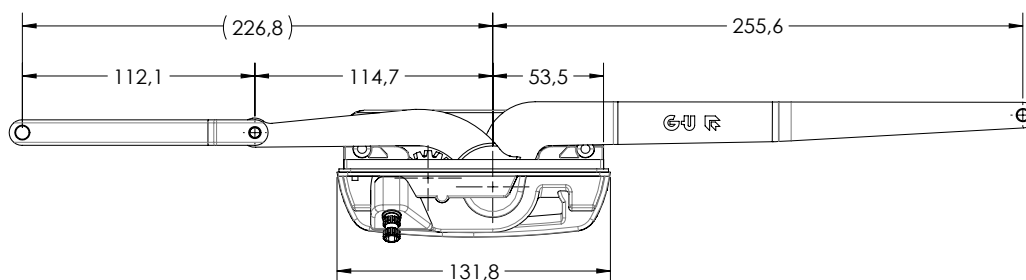
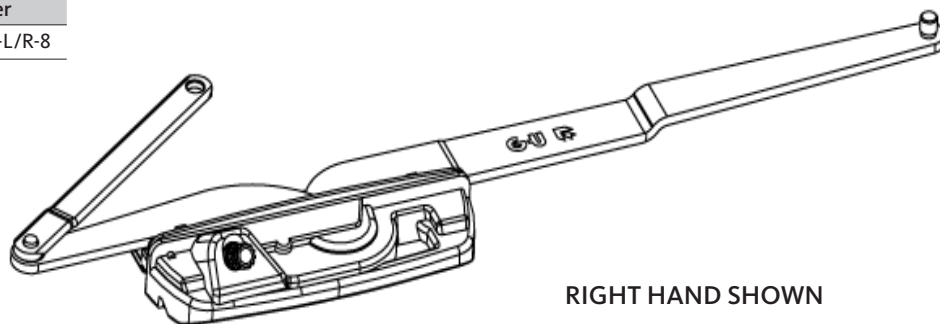


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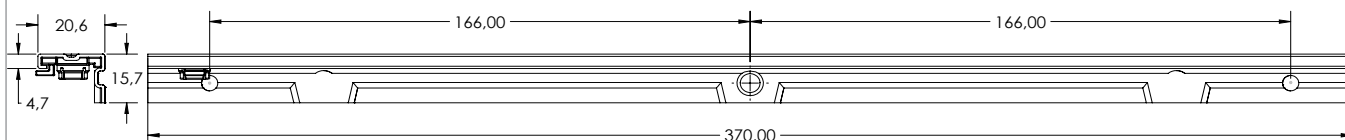
Dual Arm Casement Operator

Description	Part Number
Operator	6-C2331-00-L/R-8



Track for Dual Arm Casement Operator

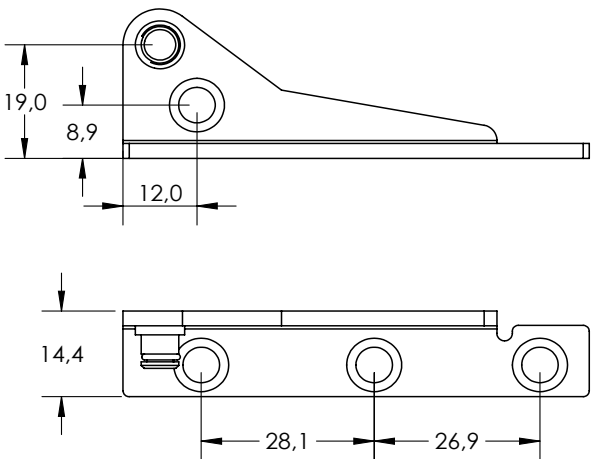
Description	Part Number
Track	9-C2336-00-0-8



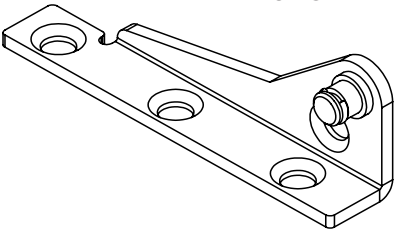


Stud Bracket for Casement Operator

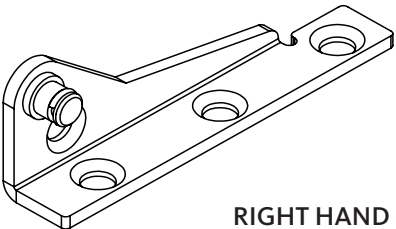
Description	Part Number
Bracket	6-C2607-25-L/R-2



LEFT HAND SHOWN



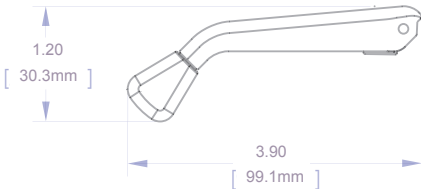
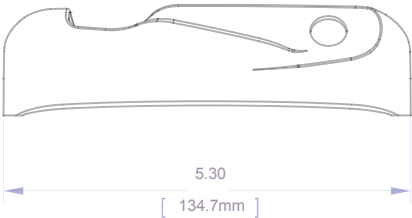
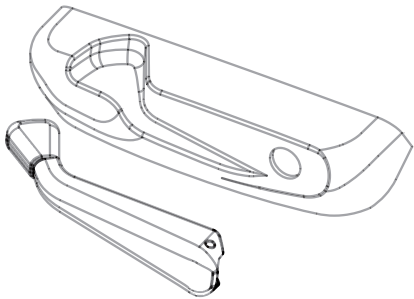
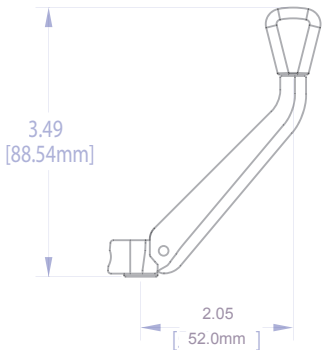
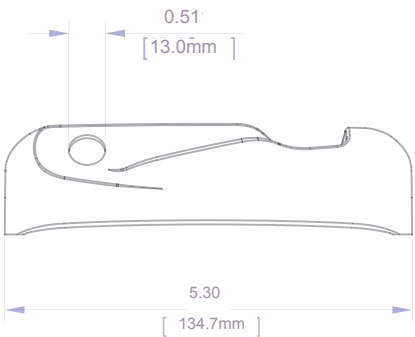
RIGHT HAND SHOWN



02
1

Fenix Classic Cover & Fold-in Handle Kit

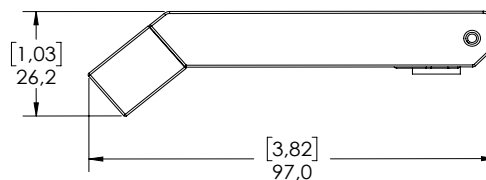
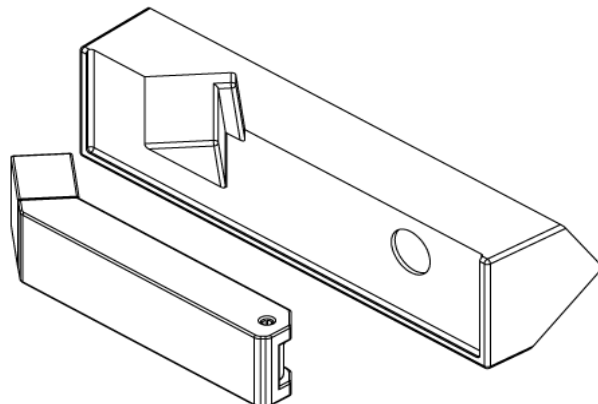
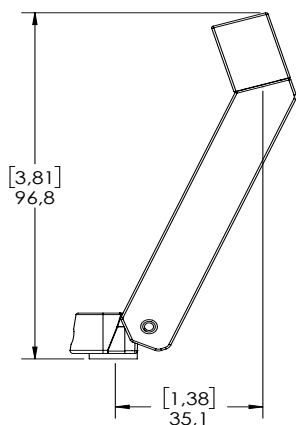
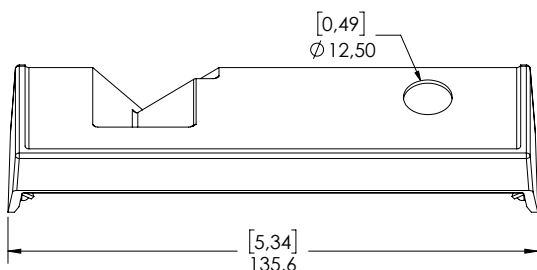
Description	Part Number
Kit type A	6-C2345-00-A-*
Kit type B	6-C2345-00-B-*





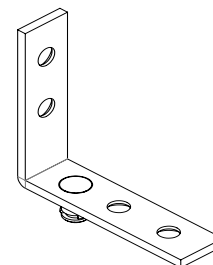
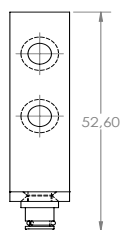
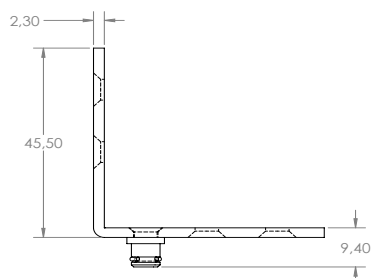
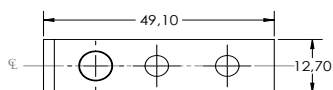
FENIX EVO Removable Cover & Fold-in Handle kit

Description	Part Number
Kit type A	6-C2350-00-A-*
Kit type B	6-C2350-00-B-*



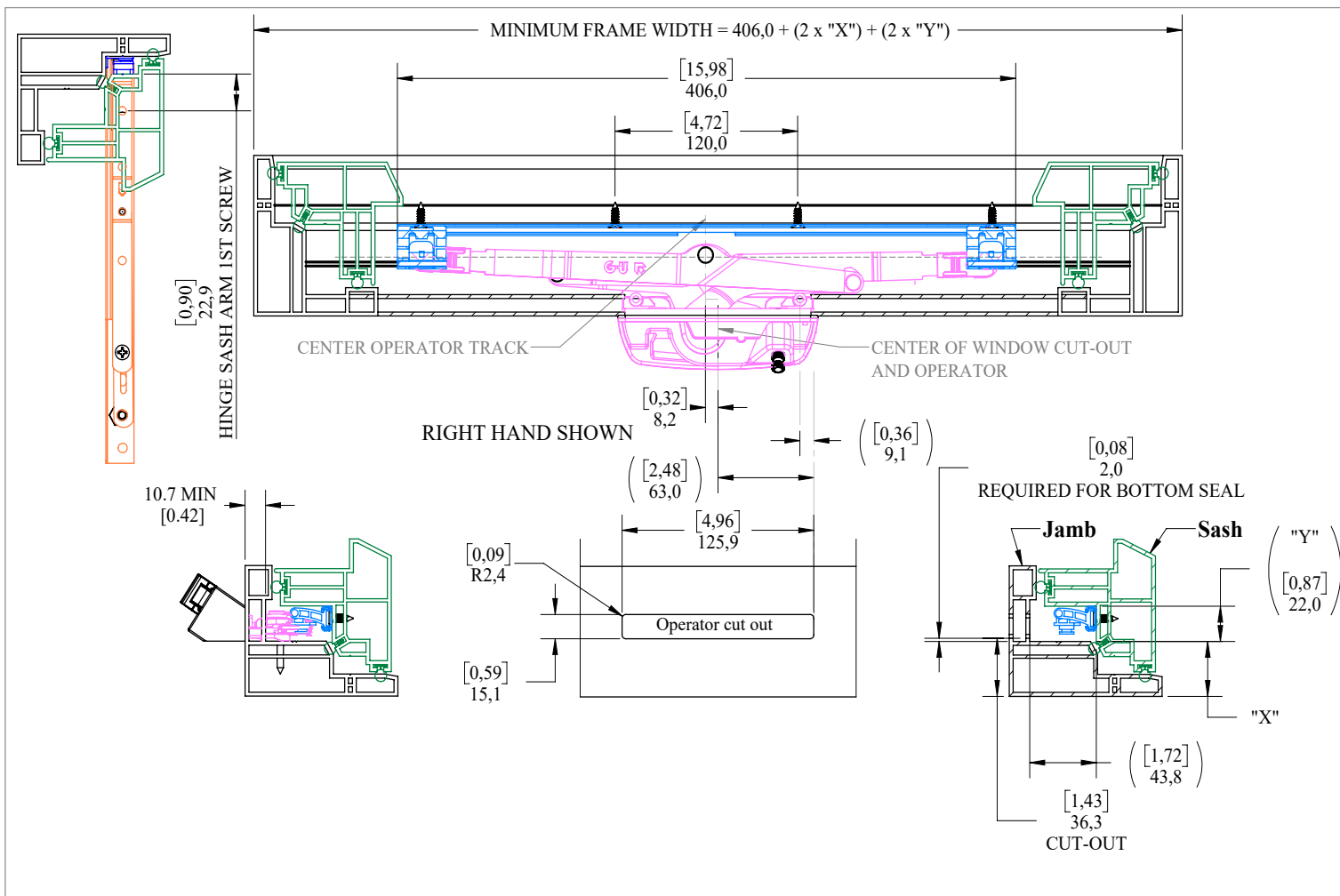
Bracket for Casement Operator

Description	Part Number
90° Bracket	6-C2320-00-0-8



Casement & Awning Window Hardware

Window Awning System

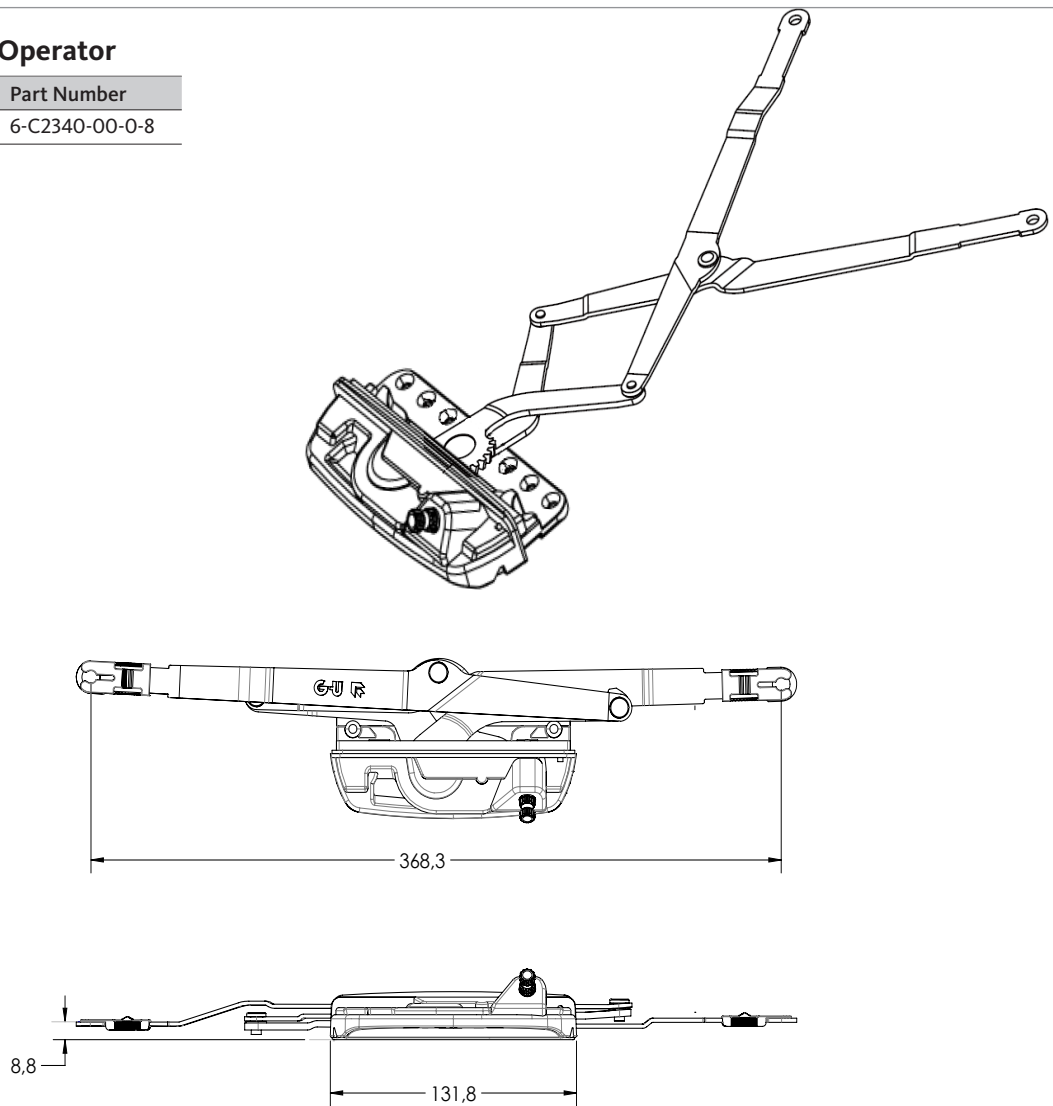


02
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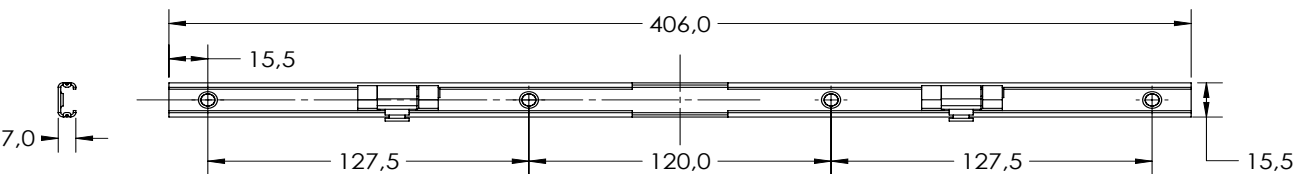
Scissor Arm Awning Operator

Description	Part Number
Operator	6-C2340-00-0-8



Track for Awning Operator

Description	Part Number
Track	9-C2335-00-0-8



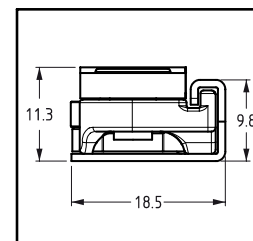
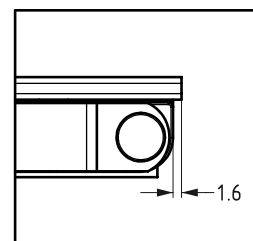
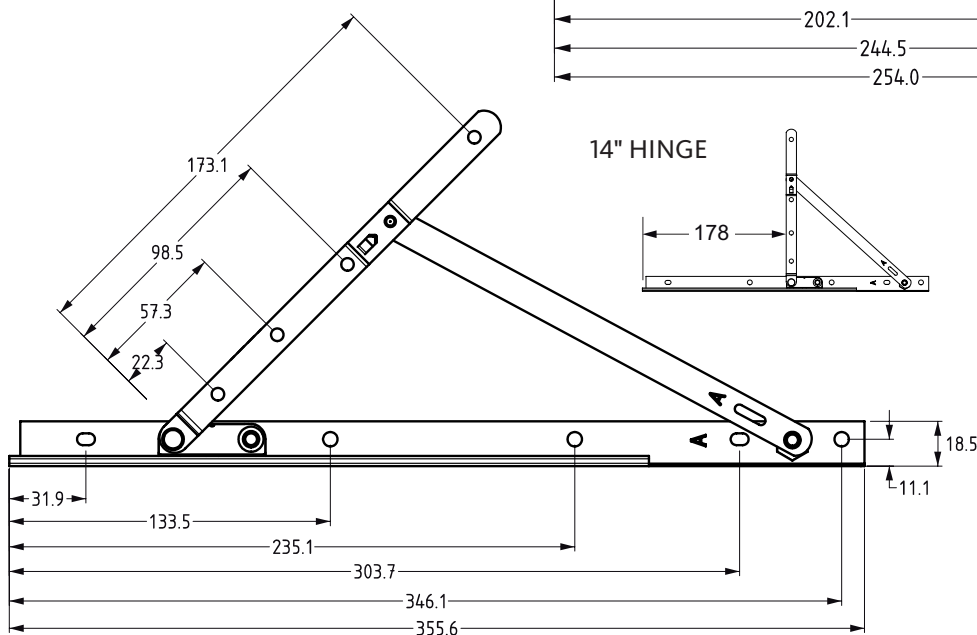
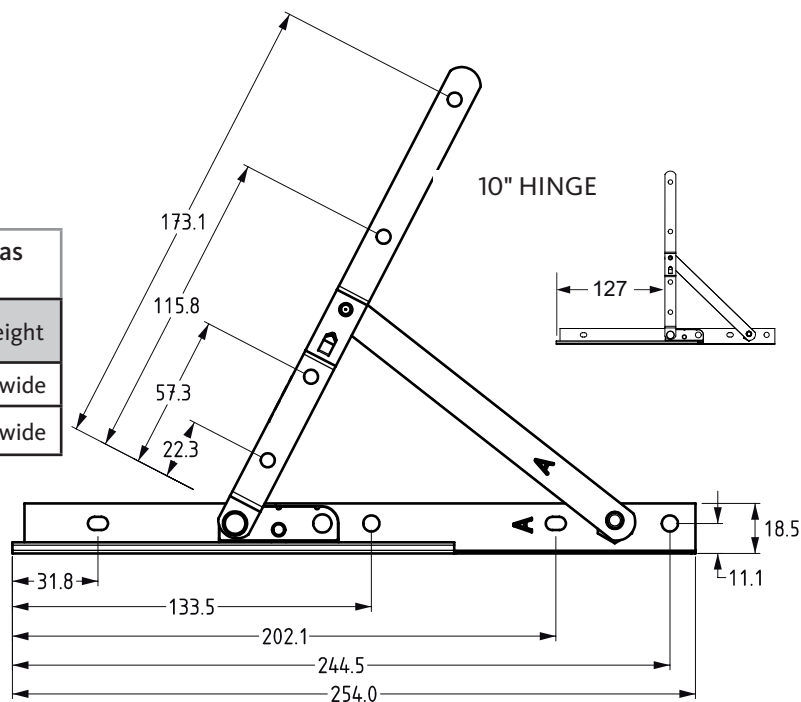


Snap-on 10" & 14" Adjustable Hinges

Description	Part Number
Arms for 10" hinge	6-C2431-10-P-8
Tracks for 10" hinge	6-C2480-10-P-8
Arms for 14" hinge	6-C2431-14-P-8
Tracks for 14" hinge	6-C2480-14-P-8

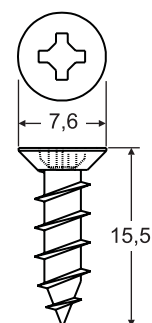
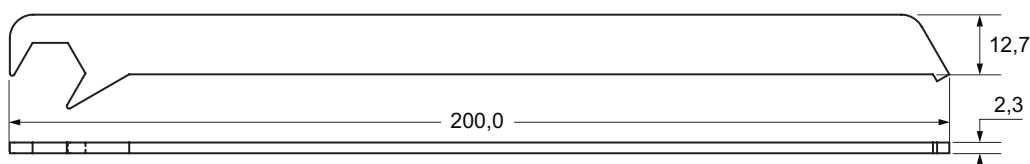
Ferco Casement hinges recommendations (as certified to AAMA 904)

Casement hinges	Sash width range	Sash max weight
10" hinges	10"-36"	90lbs at 36" wide
14" hinges	14"-36"	90lbs at 36" wide



Hinge Accessories

Description	Part Number
13mm (1/2") wrench	9-C2452-20-0-1
#10 x 5/8" (16mm) screws	9-C9681-1M-0-8



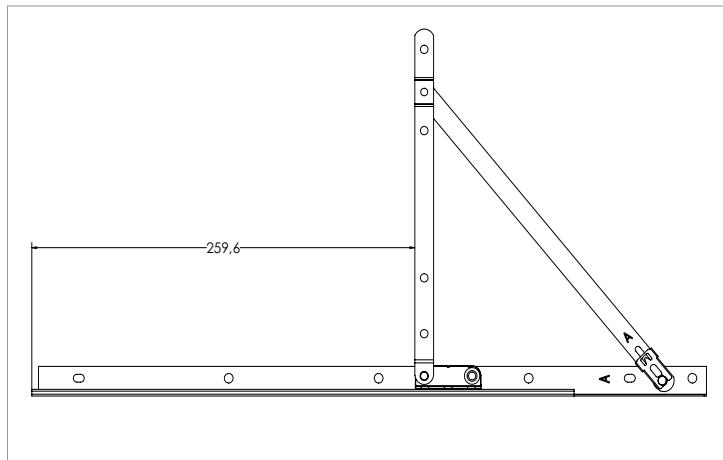


Awning Fixed Hinges (25 pairs arms and 25 pairs track per box)

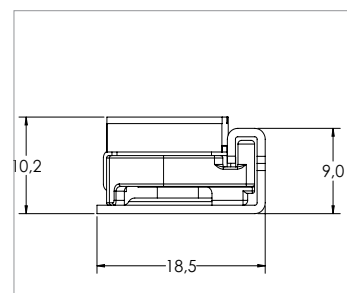
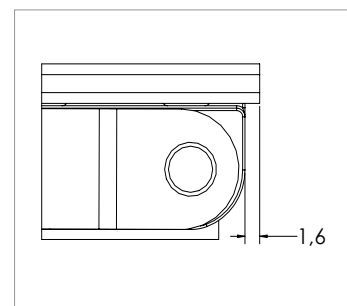
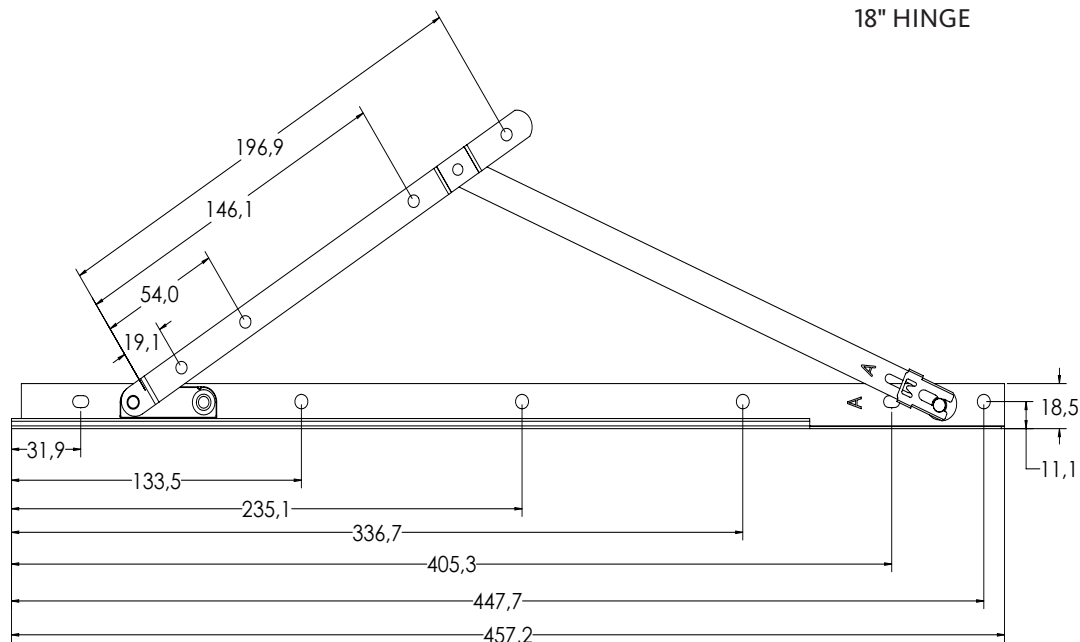
Description	Part Number
14" hinge	6-C2472-14-P-8B
18" hinge	6-C2472-18-P-8B
22" hinge	6-C2472-22-P-8B
26" hinge	6-C2472-26-P-8B

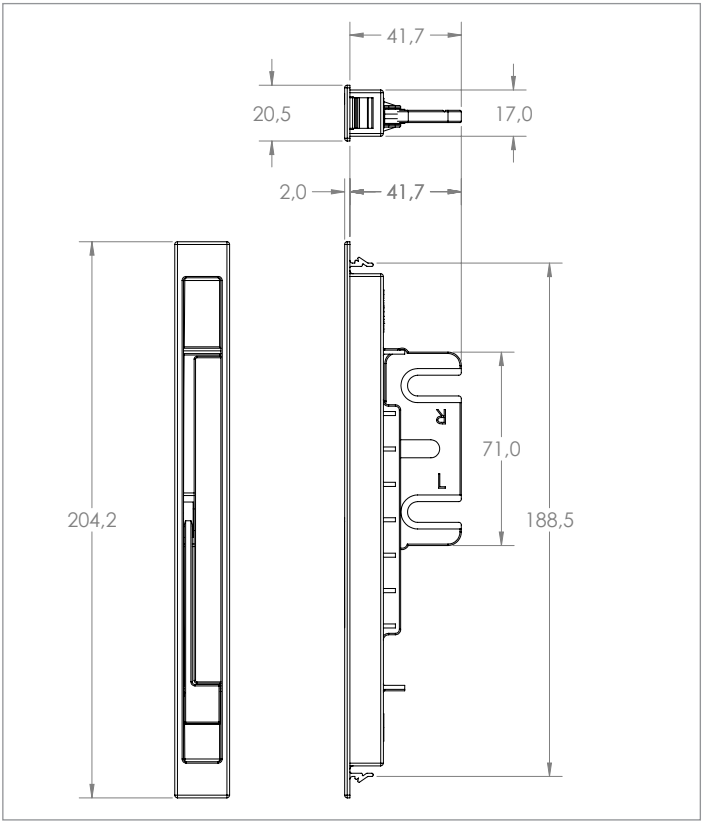
Ferco awning hinges recommendations (as certified to AAMA 904)

Awning hinges	Sash width range	Sash max weight
14" hinges	14"-36"	60lbs at 36" high
18" hinges	18"-36"	60lbs at 36" high
22" hinges	22"-36"	60lbs at 36" high
26" hinges	26"-36"	60lbs at 36" high



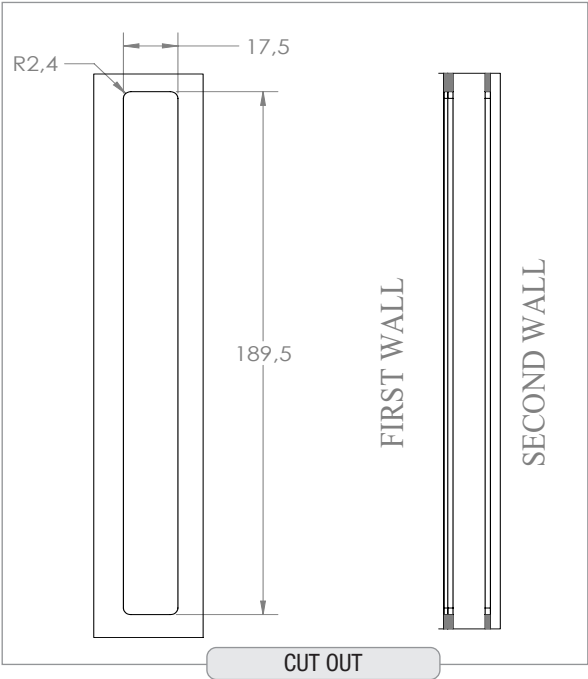
18" HINGE





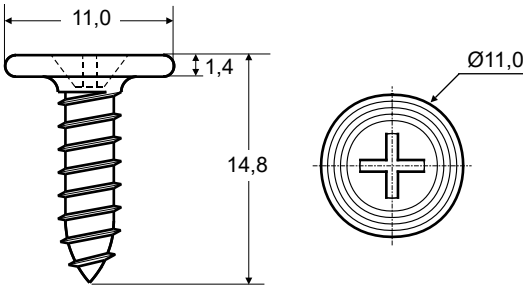
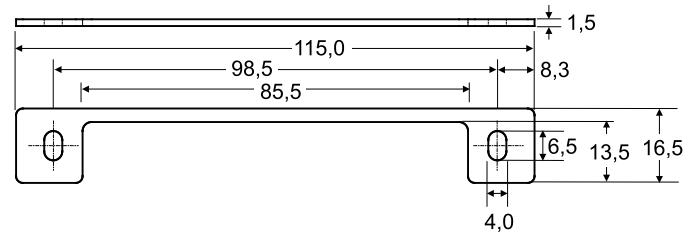
Fenix Evo Cover & Handle Kit

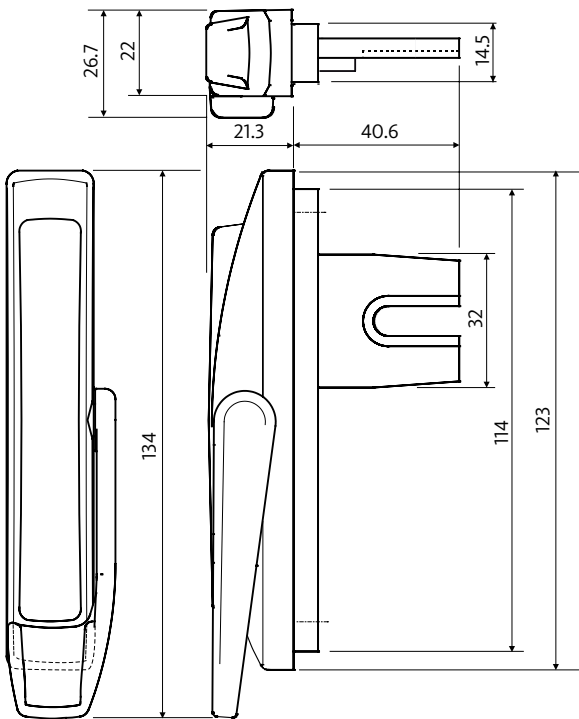
Description	Part Number
Locking handle	6-C2350-00-0-*



Locking Handle Accessories

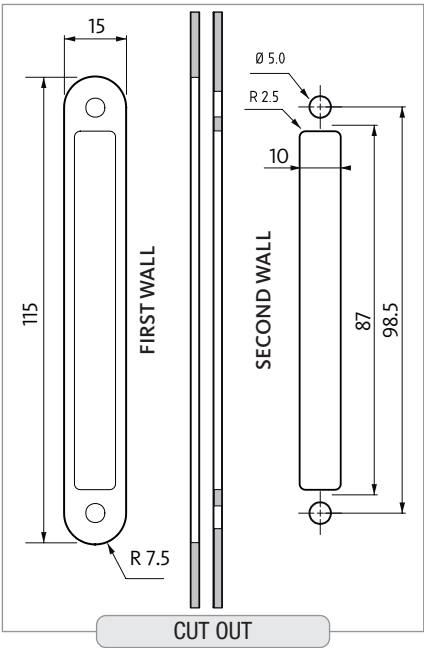
Description	Part Number
Fixing bracket	9-C2720-04-0-0
#8 x 1/2" (12mm) screws	9-C2451-2C-0-1 (long)





Multipoint Locking Handle

Description	Part Number
Locking handle	6-C7010-35-0-*

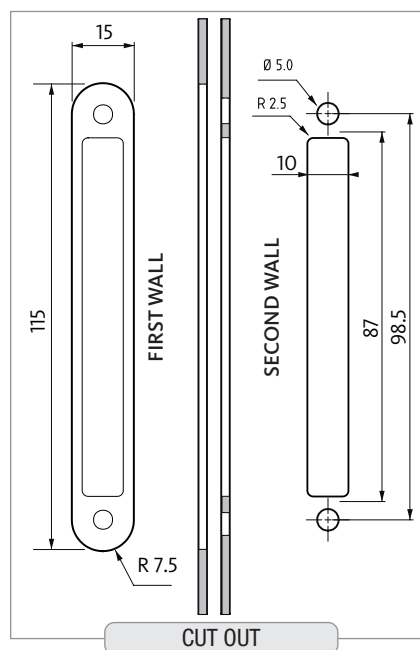
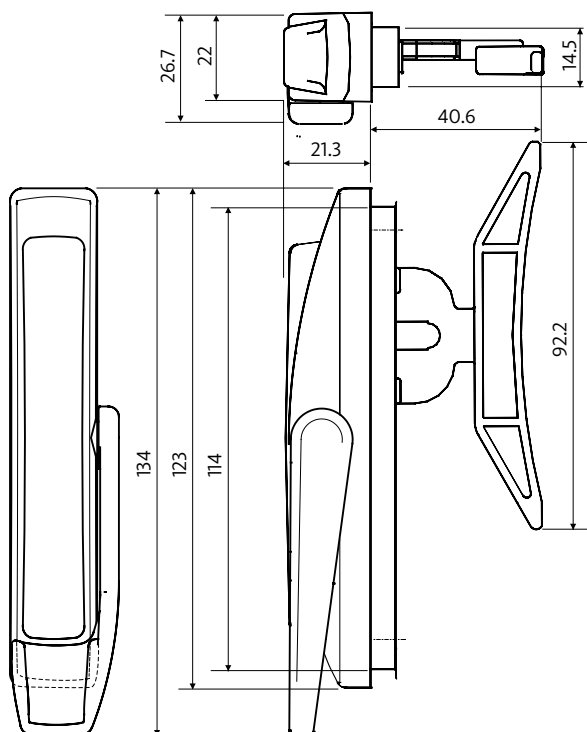


CUT OUT



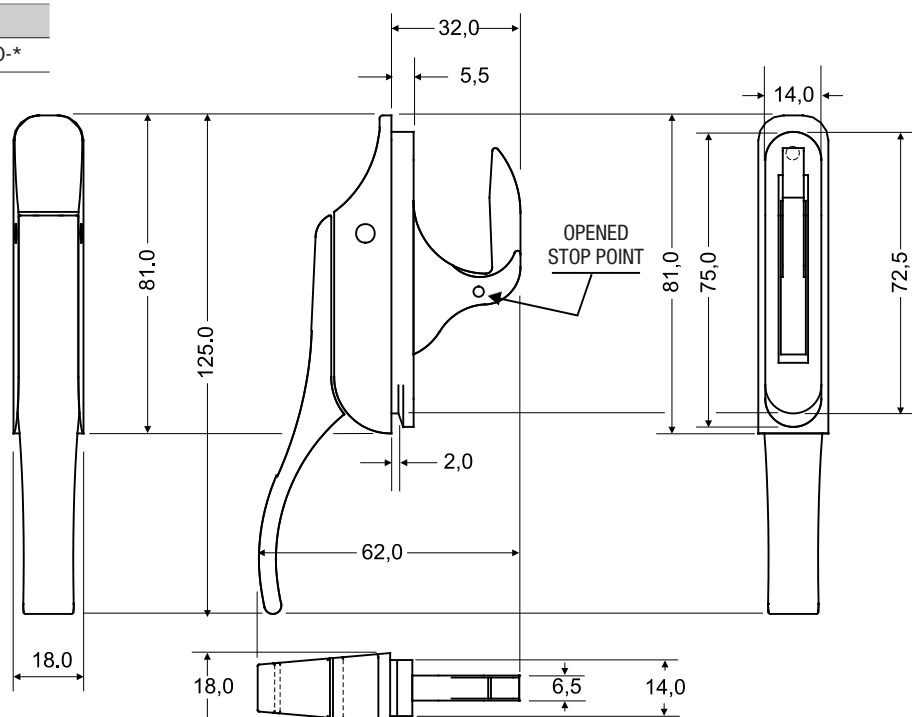
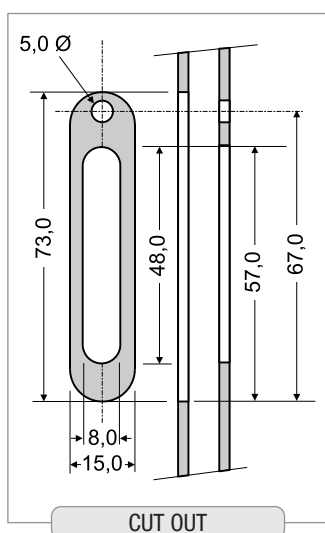
Single Point Locking Handle

Description	Part Number
Locking handle	6-C7011-00-0-*



Single Point Locking Handle

Description	Part Number
Locking handle	6-C6470-00-0-*



Casement & Awning Window Hardware

Series 6-C2700 Multipoint Locking Bars

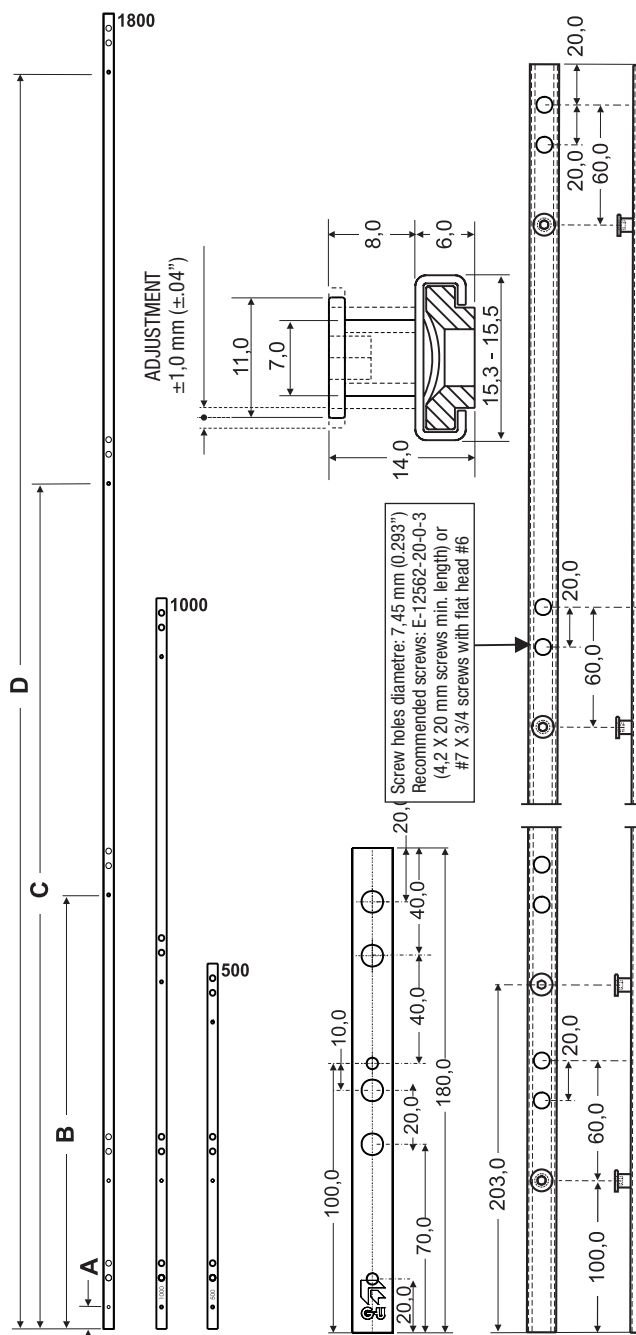


Locking Bars with 8mm Cams

Dim. (mm)	Dim. (in)	Part Number
180	7	6-C2700-02-0-0
380	15	6-C2700-04-0-0
500	20	6-C2700-05-0-0
600	24	6-C2700-06-0-0
700	28	6-C2700-07-0-0
800	32	6-C2700-08-0-0
900	36	6-C2700-09-0-0
1000	40	6-C2700-10-0-0
1100	43	6-C2700-11-0-0
1200	47	6-C2700-12-0-0
1300	51	6-C2700-13-0-0
1400	55	6-C2700-14-0-0
1500	59	6-C2700-15-0-0
1600	63	6-C2700-16-0-0
1700	67	6-C2700-17-0-0
1800	71	6-C2700-18-0-0
1900	75	6-C2700-19-0-0
2000	79	6-C2700-20-0-0

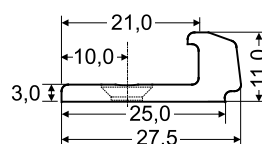
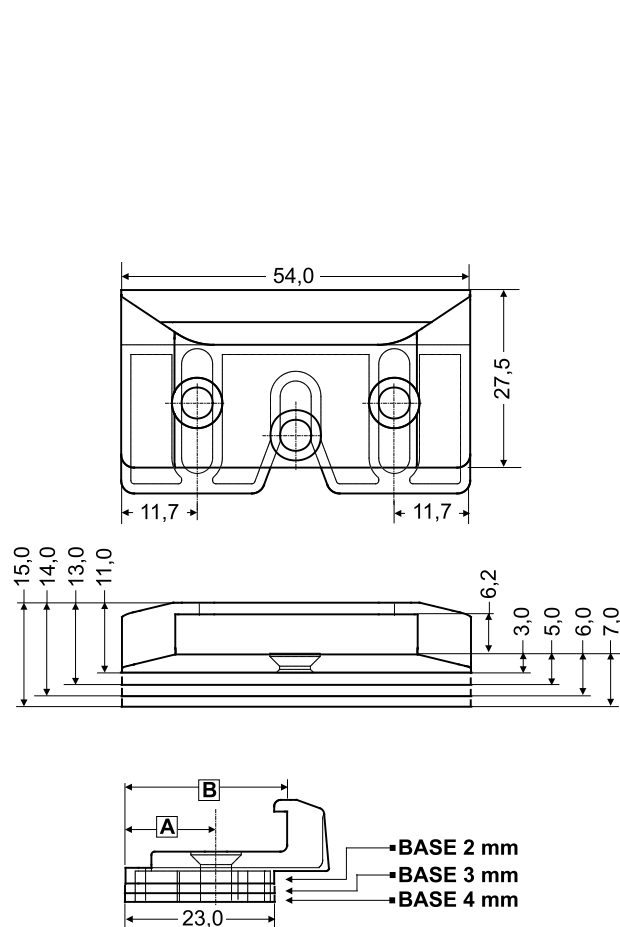
Only available on special request

Sizes	Locking cam positions			
	A	B	C	D
180	100	-	-	100
380	100	-	-	300
500	100	-	-	420
600	100	-	-	520
700	100	-	-	620
800	100	-	-	720
900	100	-	-	820
1000	100	475	-	920
1100	100	525	-	1020
1200	100	575	-	1120
1300	100	625	-	1220
1400	100	675	-	1320
1500	100	725	-	1420
1600	100	526	1023	1520
1700	100	560	1090	1620
1800	100	594	1157	1720
1900	100	626	1223	1820
2000	100	660	1290	1920

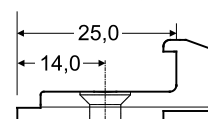




Keepers 11 - 13 - 14 and 15mm



BASE 0 : 9-C2423-00-0-7

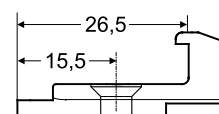


POSITION 1

BASE 2 : 9-C2423-21-0-7

BASE 3 : 9-C2423-31-0-7

BASE 4 : 9-C2423-41-0-7

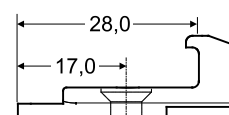


POSITION 2

BASE 2 : 9-C2423-22-0-7

BASE 3 : 9-C2423-32-0-7

BASE 4 : 9-C2423-42-0-7

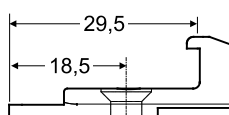


POSITION 3

BASE 2 : 9-C2423-23-0-7

BASE 3 : 9-C2423-33-0-7

BASE 4 : 9-C2423-43-0-7

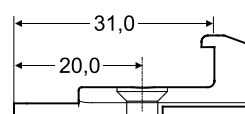


POSITION 4

BASE 2 : 9-C2423-24-0-7

BASE 3 : 9-C2423-34-0-7

BASE 4 : 9-C2423-44-0-7

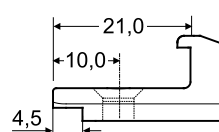


POSITION 5

BASE 2 : 9-C2423-25-0-7

BASE 3 : 9-C2423-35-0-7

BASE 4 : 9-C2423-45-0-7

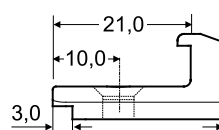


POSITION 6

BASE 2 : 9-C2423-26-0-7

BASE 3 : 9-C2423-36-0-7

BASE 4 : 9-C2423-46-0-7

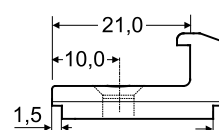


POSITION 7

BASE 2 : 9-C2423-27-0-7

BASE 3 : 9-C2423-37-0-7

BASE 4 : 9-C2423-47-0-7



POSITION 8

BASE 2 : 9-C2423-28-0-7

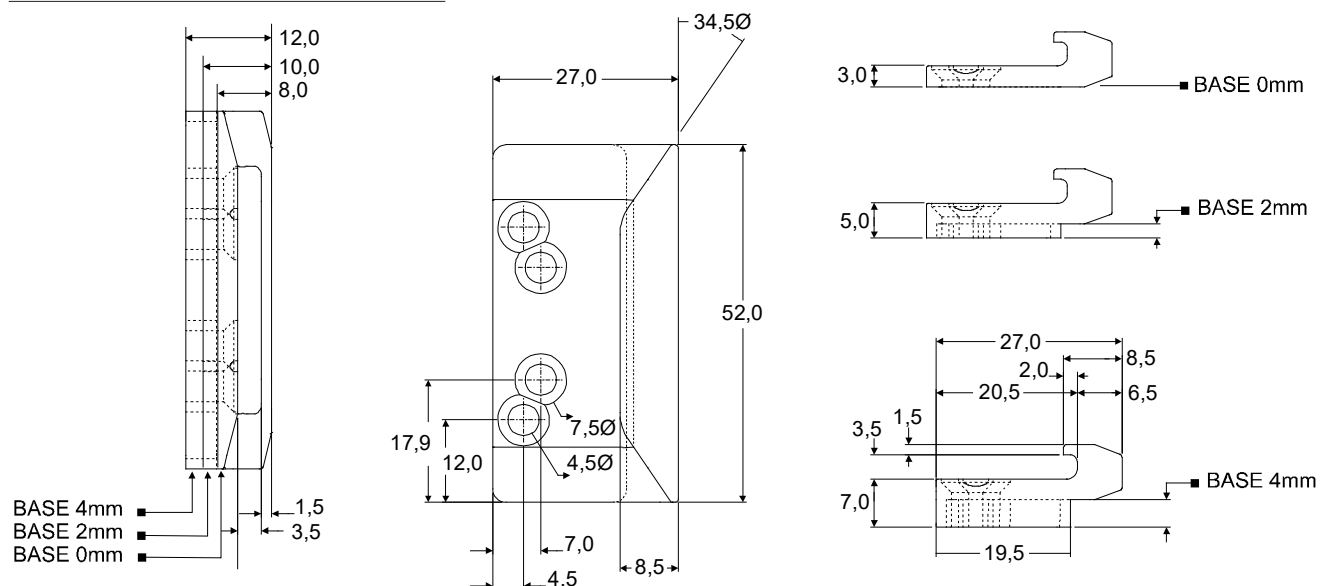
BASE 3 : 9-C2423-38-0-7

BASE 4 : 9-C2423-48-0-7



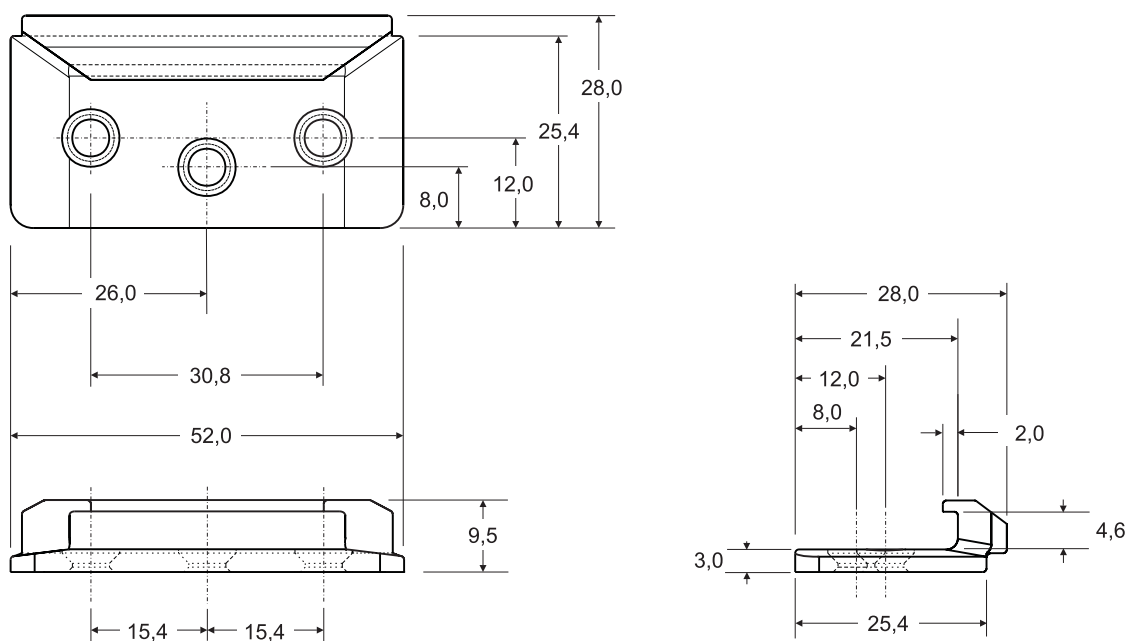
Keepers 8 - 10 and 12mm

Description	Part Number
Keeper with base 0mm	9-C2420-00-0-7
Keeper with base 2mm	9-C2420-02-0-7
Keeper with base 4mm	9-C2420-04-0-7



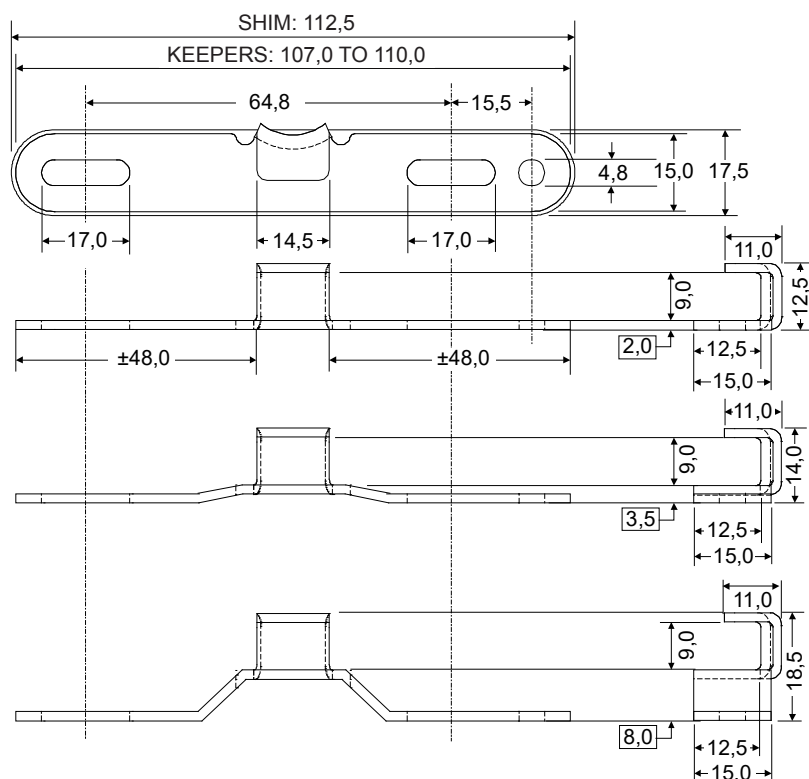
Keepers 9,5mm

Description	Part Number
Keeper	9-C2311-00-0-0



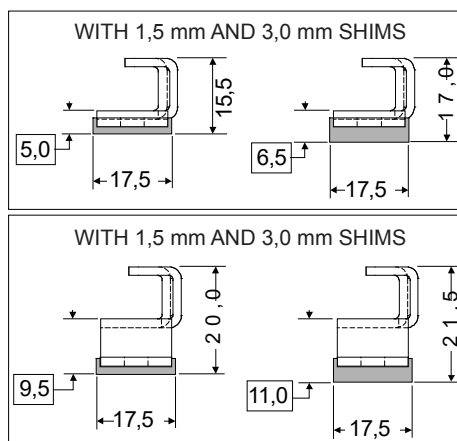
Casement & Awning Window Hardware

Single Point Keepers



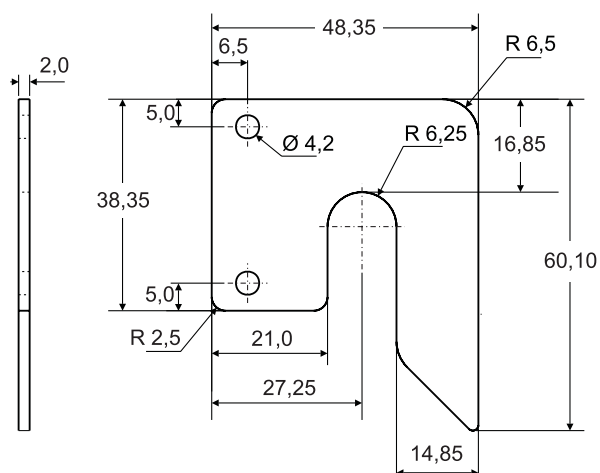
Keepers

Description	Part Number
Keeper 2mm height	9-C2440-02-0-8
Keeper 3,5mm height	9-C2440-03-0-1
Keeper 5mm height (with nylon shim)	6-C2440-05-0-1
Keeper 6,5mm height (with nylon shim)	6-C2440-06-0-1
Keeper 8mm height	9-C2440-08-0-1
Keeper 9,5mm height (with nylon shim)	6-C2440-09-0-1
Keeper 11mm height (with nylon shim)	6-C2440-11-0-1



Keeper

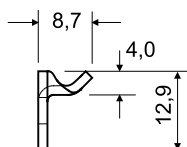
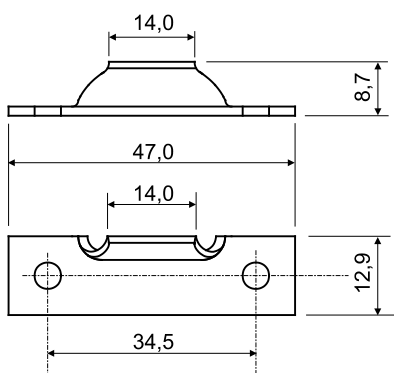
Description	Part Number
Keeper	9-C2725-00-0-2



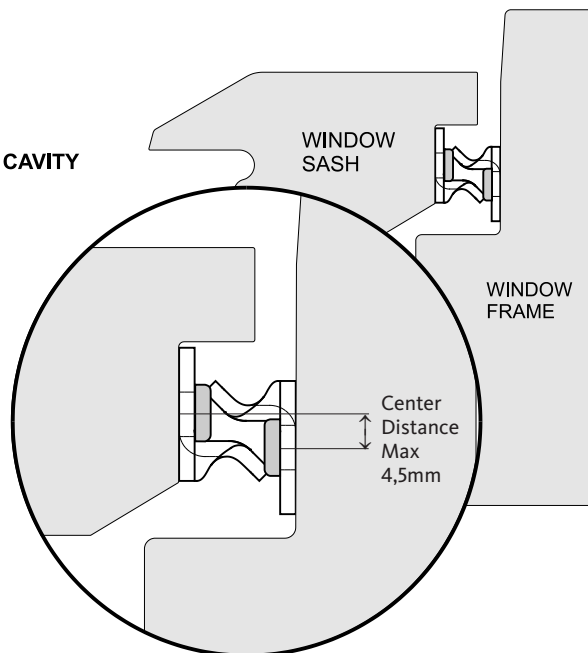


Snubber

Description	Part Number
Snubber	9-C9202-09-0-*



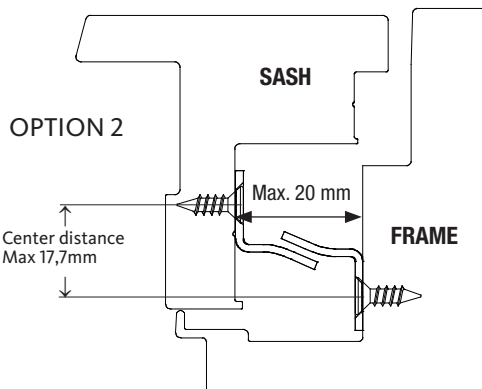
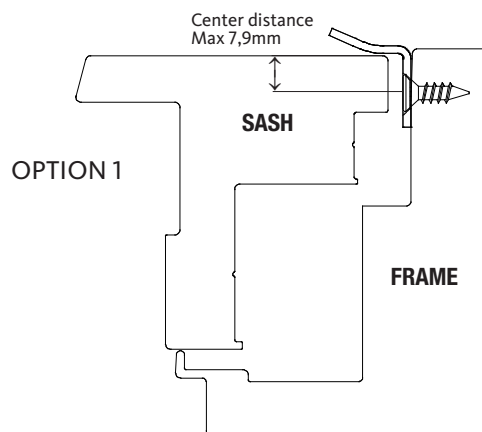
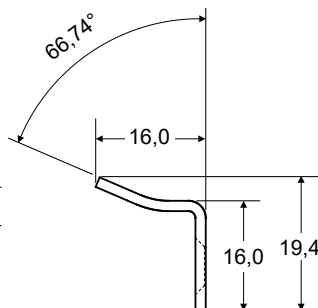
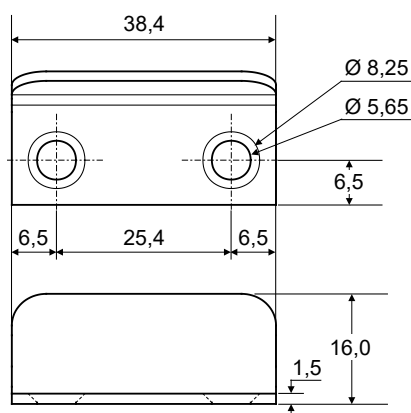
HINGE CAVITY



*Center distance to be validated according to the profile

Snubber (exterior)

Description	Part Number
Snubber	9-C2723-00-0-7

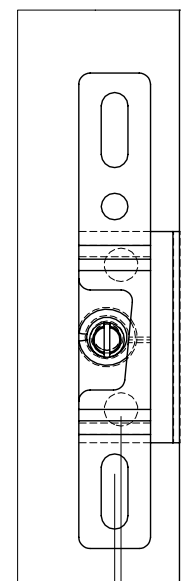
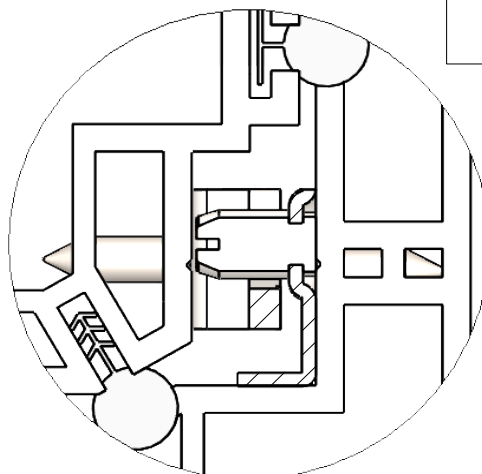
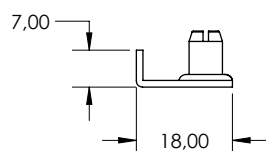
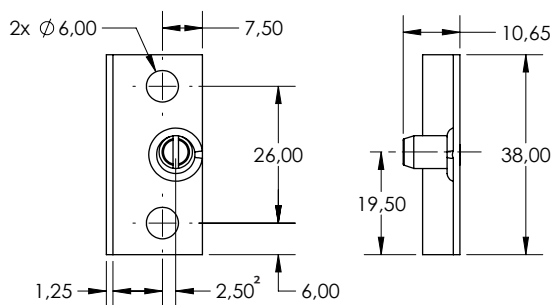
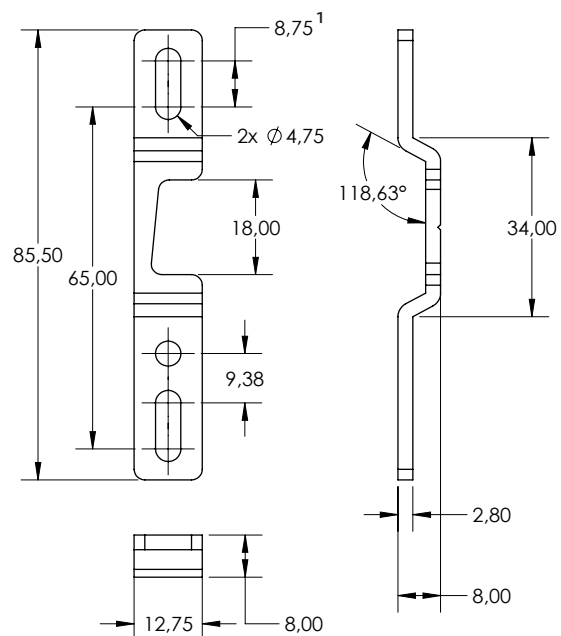


*Center distance to be validated according to the profile

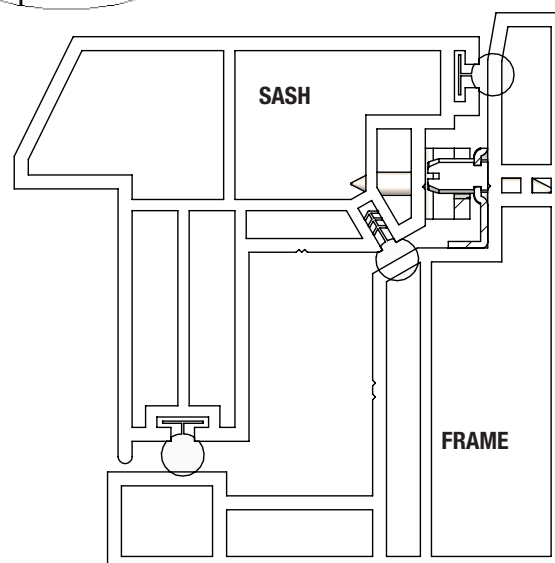


Adjustable Snubber

Description	Part Number
Snubber	6-C9207-00-0-1



Center distance
Max 1,1mm



02
1

¹ +/- 0.42mm compression adjustment

² +/- 0.50mm compression adjustment



A series of horizontal lines for taking notes, spanning the width of the page below the FERCO logo.



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