Track Shutters—180^0 Bi-fold

Guidelines and Specs:

Material： available for all shutter materials.

Stile: 50.8mm, 57.1mm rabbet and butt stiles are available,
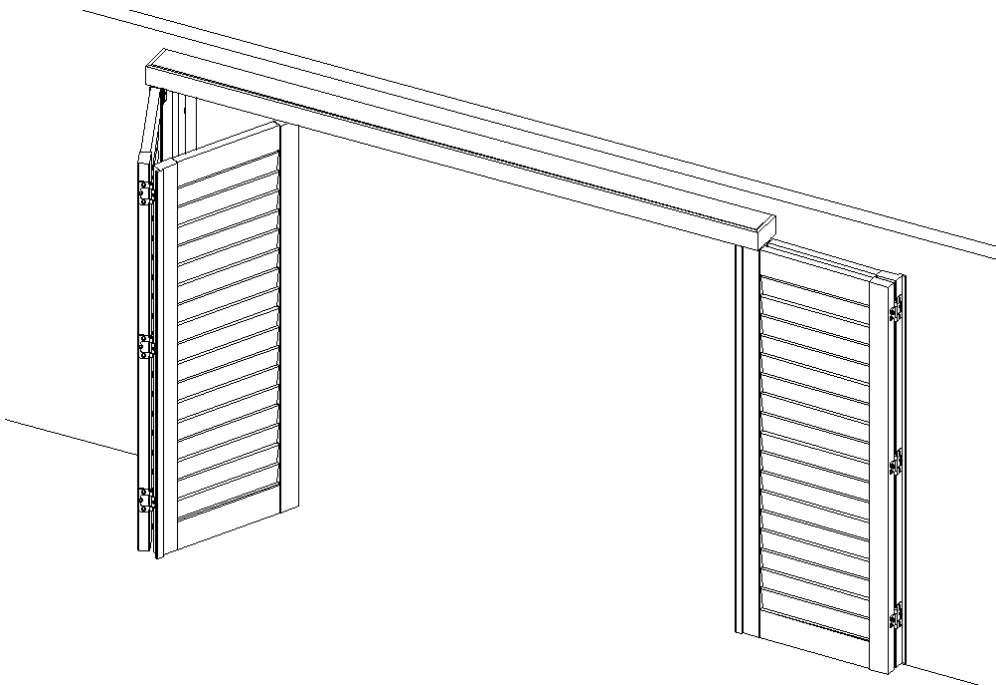   Center stile is not available.

Panel size limitation: same as the regular shutter spec.

Size Definition:

Outside Mount
Max frame-to-frame width: window width + 89mm
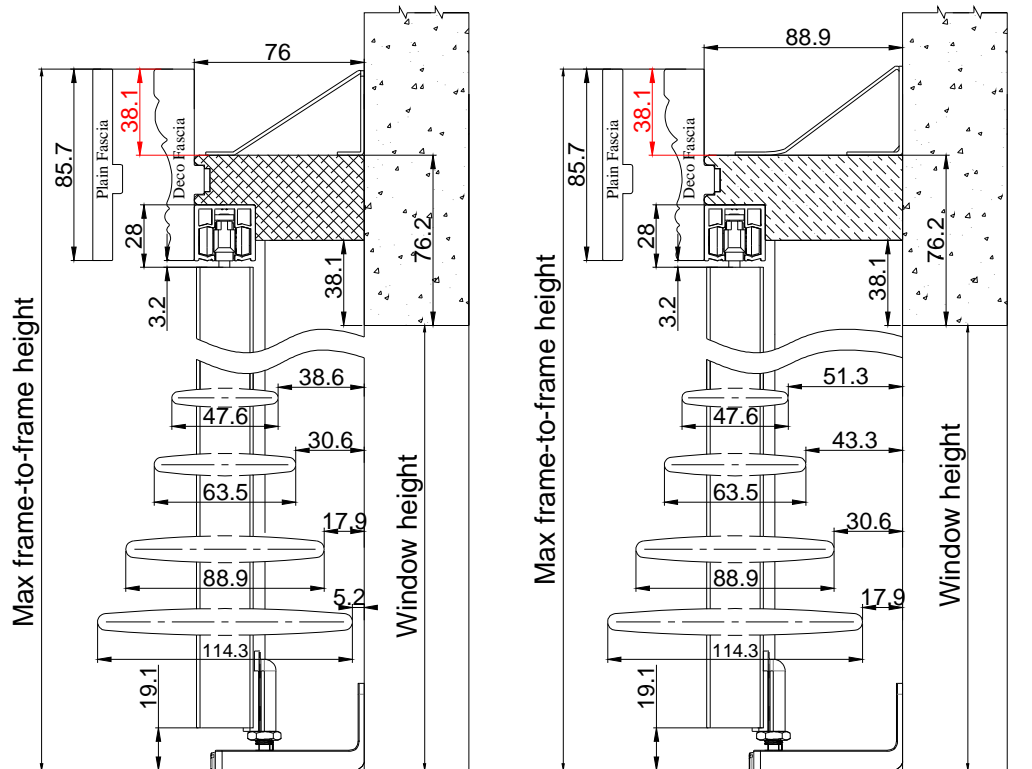Max frame-to-frame height: window height + 114.3mm

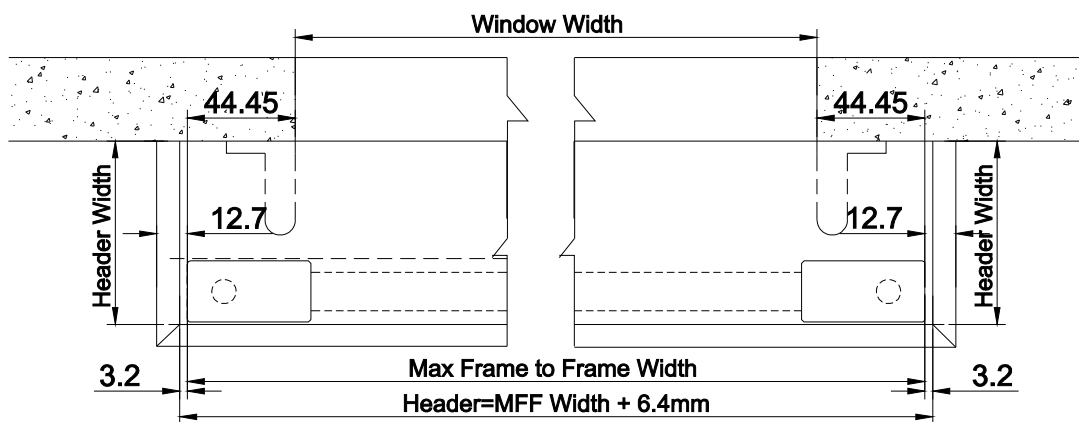Track is pre-installed on the header; standard 1 track only.

Mounting Options: Outside Mount only

Side View

Top View

Without Casing

Fascia return will protrude the panel about 12.7mm for each side.

With Existing Casing

16mm existing casing width 16mm

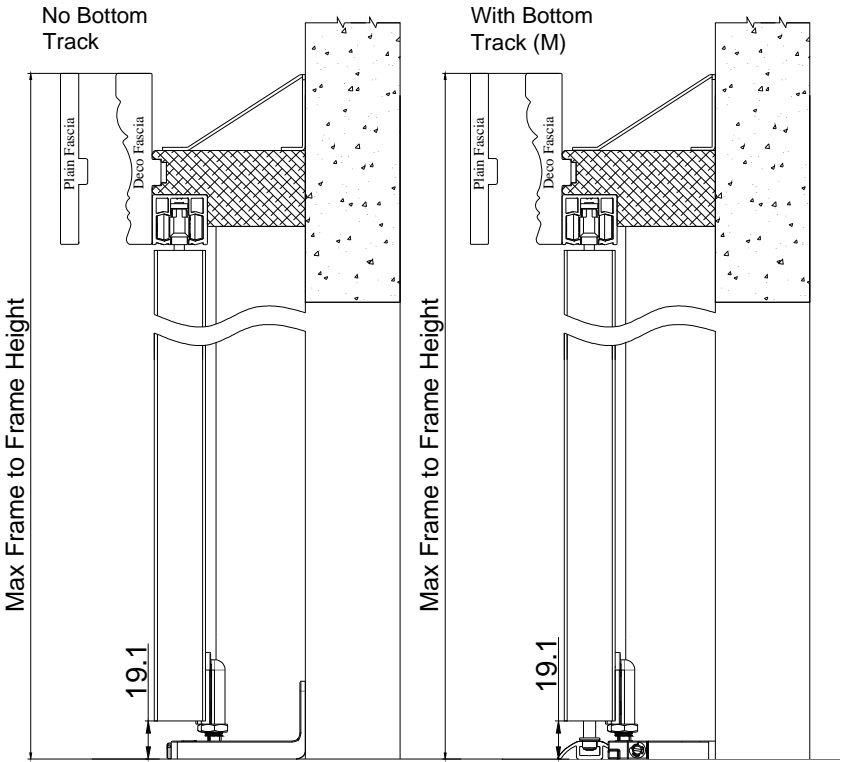MFF width=existing casing width + 32mm

Total width=existing casing width + 32+35mm

MFF Height
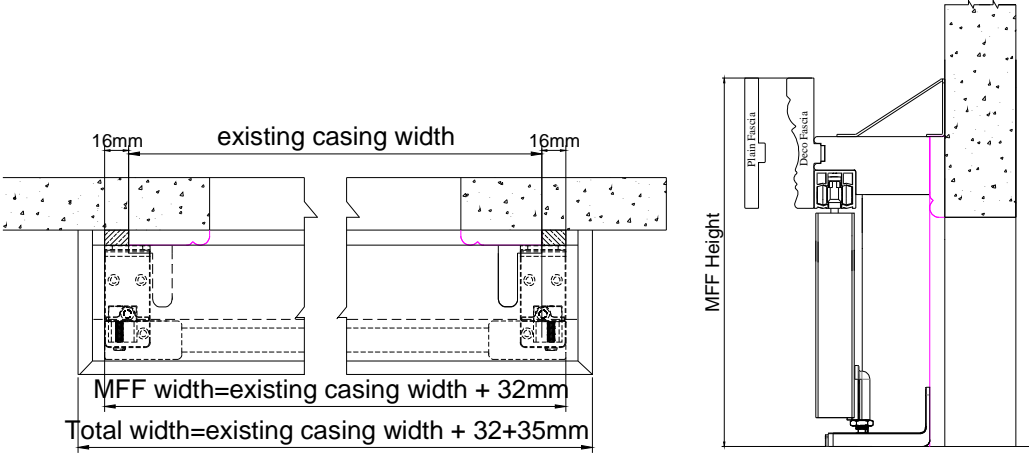
✧ Bottom Track: Optional.
✧ For multi-fold panels, it is suggested to be with bottom track.

No Bottom Track   With Bottom Track

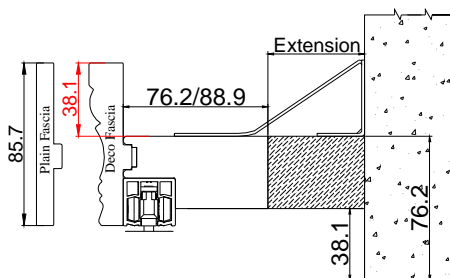No Bottom Track

With Bottom Track (M)

Max Frame to Frame Height

19.1

Max Frame to Frame Height

19.1

✧ Header Extension: Optional
✧ Custom extension up to 50.8mm for Header
✧ When extension is needed, the header will protrude the panel 7.9mm for each side and the fascia return will protrude the panel 17.5mm for each side.
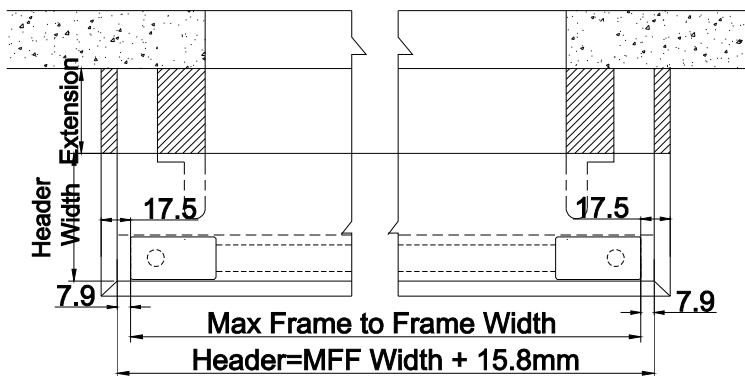
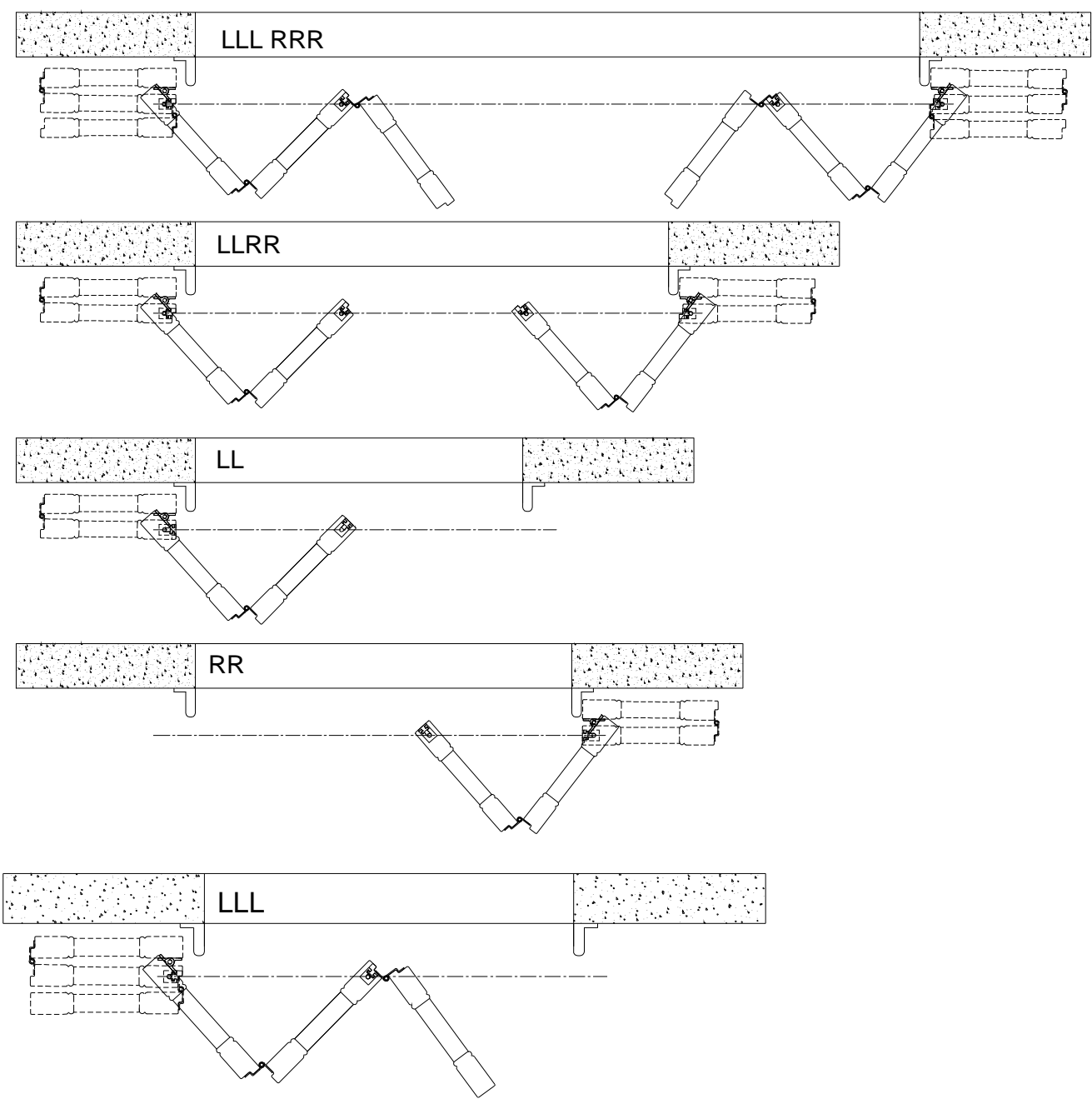✧ The extension will be pre-attached.

For 180 Bi-fold, if Bottom Pivot L Bracket is required, the extension for the L shape light block will be 45mm in width. Please see picture below:
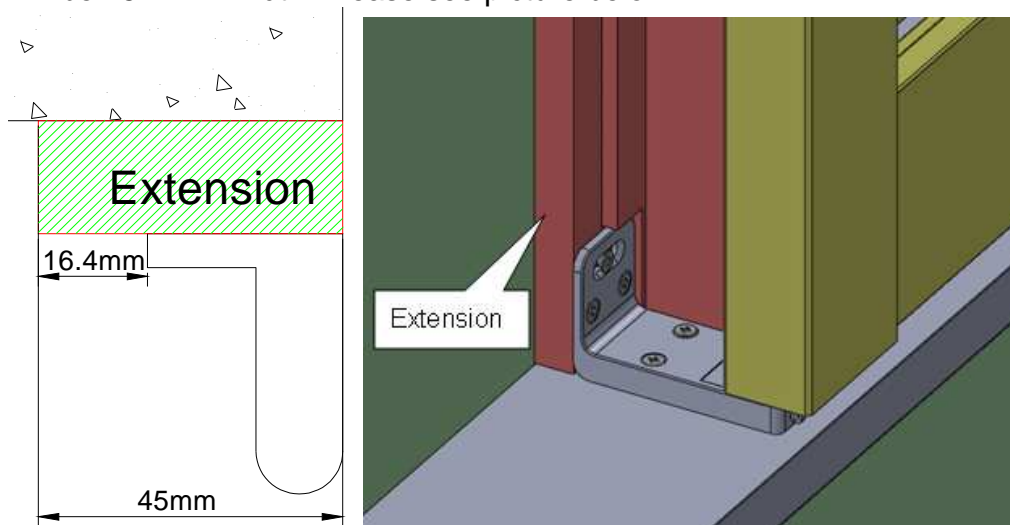
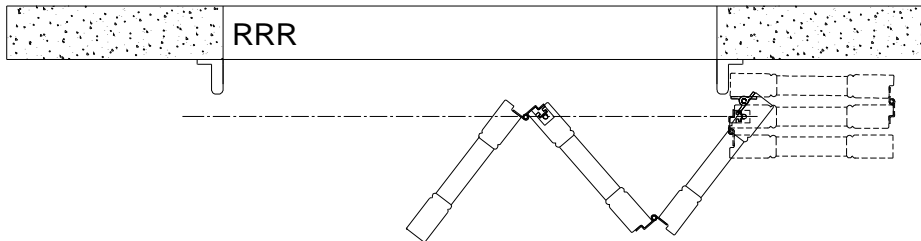| Blindtex Custom Shutter Specification					
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Panel Configuration：

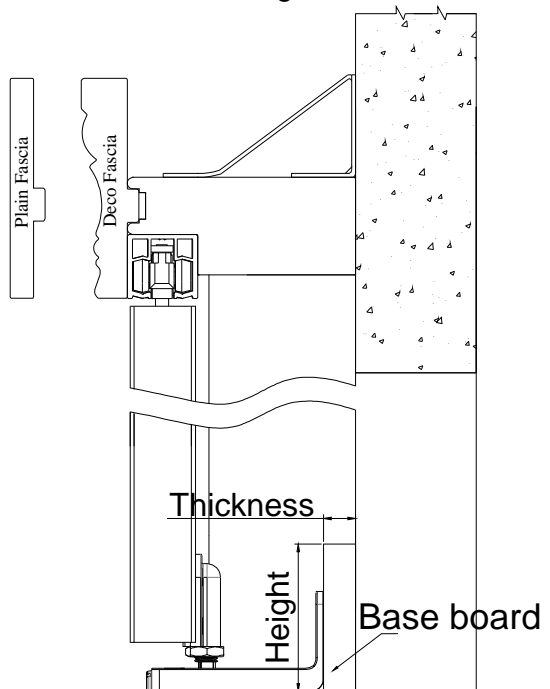| Blindtex Custom Shutter Specification					
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RRR

Notes:

If there is no baseboard to the wall, 76mm header can be used.

If there is baseboard to the wall, then it should be as below:
1. If base board thickness is less or equal to 15.9mm, 89mm header can be used.
2. If base board thickness is over 15.9mm, it is suggest using the 76mm header with build out.
   And the build out thickness=base board thickness-3.2mm.

Please see the drawing below:

Plain Fascia

Deco Fascia

Thickness

Height

Base board

180^0 Bi-fold Track Shutters Framing Materials (For waterproof ABS, only plain fascia is available)

Type	Header/ Bottom board Dimension	Top Fascia Dimension	L Shape Light Block Strip Dimension
Header & Top Fascia & Light Block Strip & Bottom board	76mm	85.7mm	39mm
	89mm		52mm

Note: For U shape bottom track with bottom board, the bottom board depth is 19mm and width will match with the header.

180^0 Bi-fold Track Shutters Hardware Box

Parts
Wrench
Hinge Pin
Support L Bracket (based on the length of header)
63.5mm screws for support L bracket
18.5mm screws for support L bracket
Bottom Pivot Bracket
38.1mm screws for bottom pivot bracket
63.5mm screws for Frame

Track Shutters—90^0 Bi-fold

Guidelines and Specs:

Material：available for all shutter materials.

Stile: 41.3mm, 50.8mm, 57.1mm rabbet and butt stiles are available,
Center stile is not available.
.

Panel size limitation: same as the normal shutter spec.

Size Definition:
Outside Mount
Max frame-to-frame width: window width + 89mm
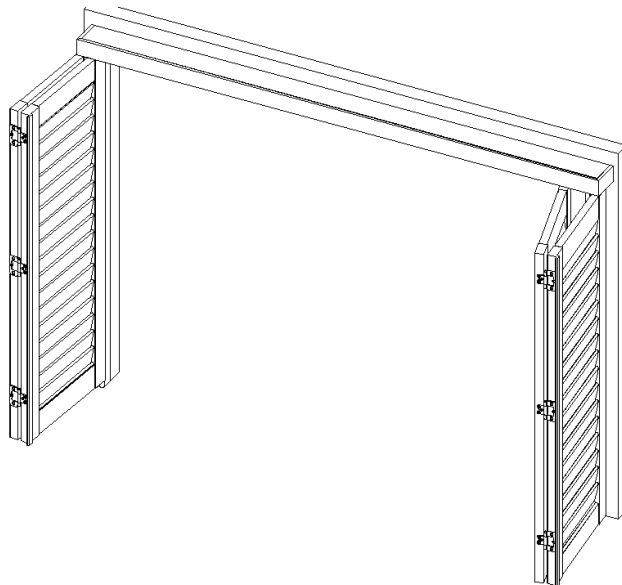Max frame-to-frame height: window height + 114.3mm
Semi-Inside Mount
Max frame-to-frame width: window width – 3.2mm
Max frame-to-frame height: window height + 34.9mm
Inside Mount
Max frame-to-frame width: window width – 3.2mm
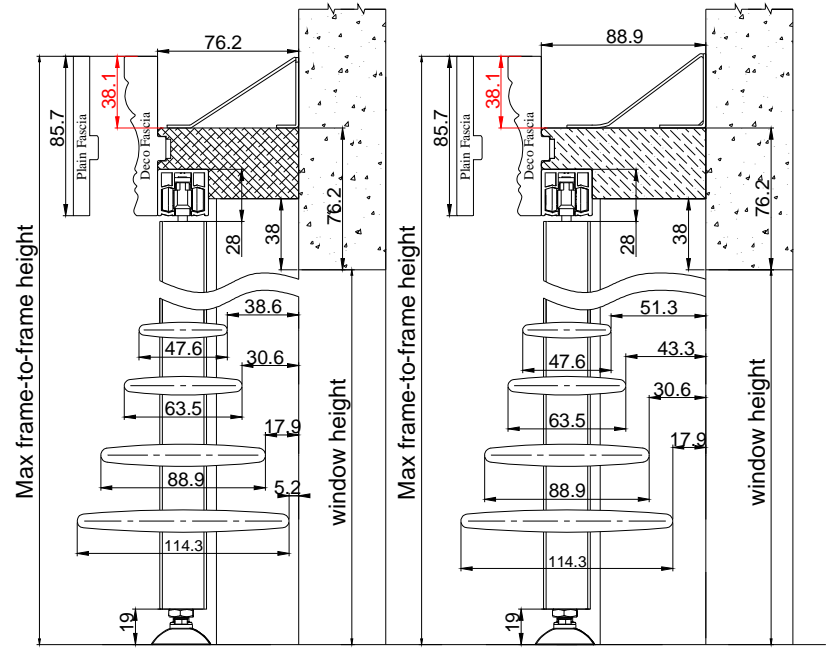Max frame-to-frame height: window height – 3.2mm

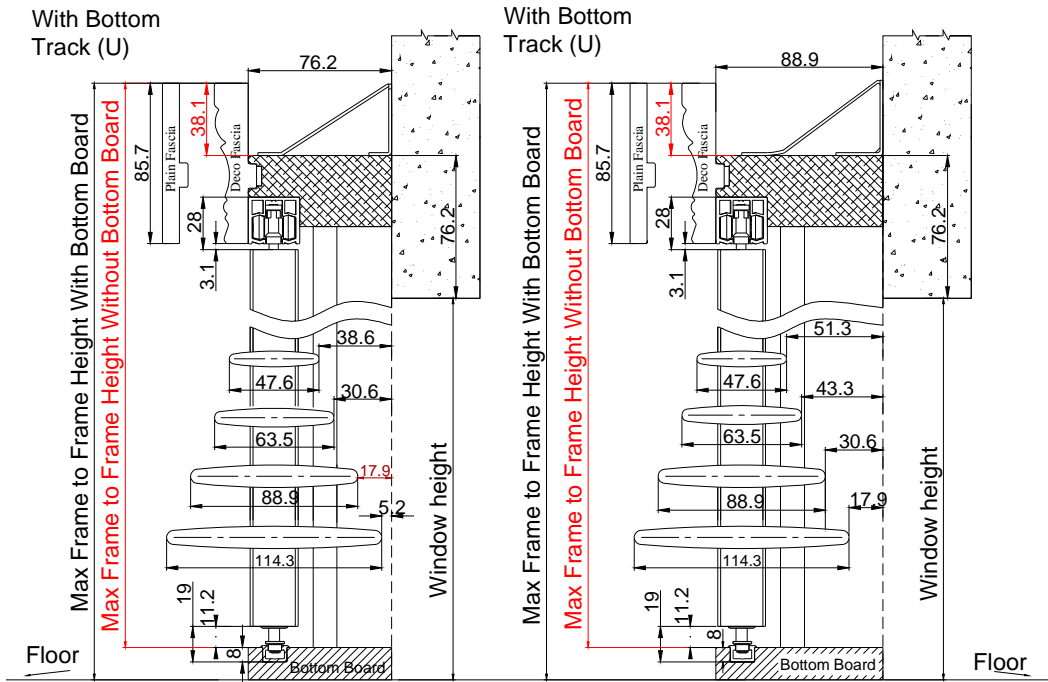Track is pre-installed on the header; standard 1 track only.

Mounting Options: Outside Mount
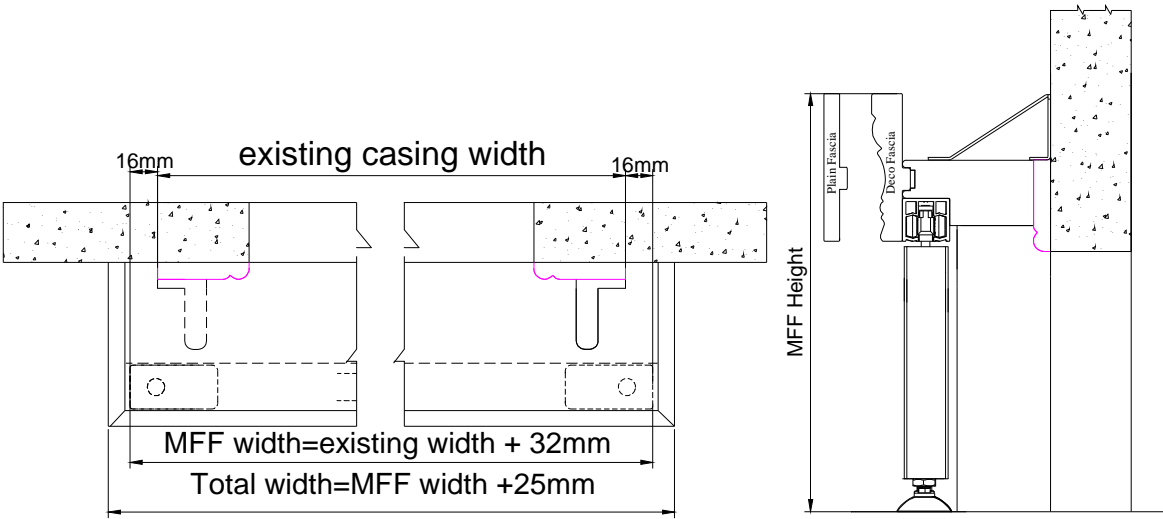
Side View

Side View (U Track w/Bottom Board)

Without Casing

Top View

Fascia return will protrude the panel about 12.7mm for each side.

With Existing Casing

Semi-Inside/Inside Mount

Side View

Inside Mount   Semi-inside Mount

Side View (U Track w/Bottom Board)

Semi-Inside Mount   Inside Mount
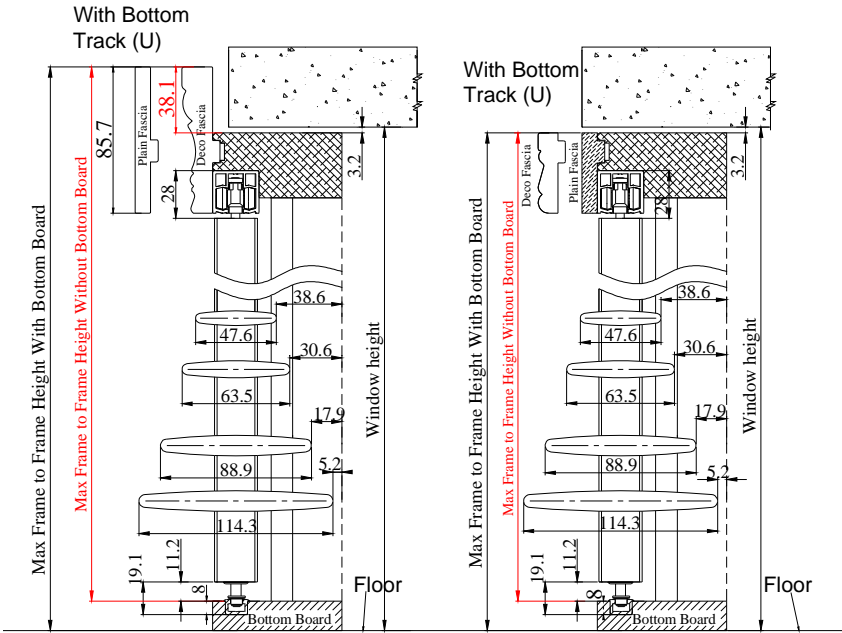
Blindtex Custom Shutter Specification				
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Semi-Inside Mount Top View

Window Width

1.6mm [1/16"]   1.6mm [1/16"]

6.35mm [$\frac{1}{4}$"]   6.35mm [$\frac{1}{4}$"]

Overall Panel Width = Window Width -12.7mm[$\frac{1}{2}$"]

MFF Width=Header Width = Window Width -3.2mm[$\frac{1}{8}$"]

Inside Mount Top View

Window Width

44.45mm [1$\frac{3}{4}$"]   44.45mm [1$\frac{3}{4}$"]

6.35mm [$\frac{1}{4}$"]   6.35mm [$\frac{1}{4}$"]

1.6mm [$\frac{1}{16}$"]   Overall Panel Width=Window Width-12.7mm(1/2")   1.6mm [$\frac{1}{16}$"]

MFF Width=Header Width=Window Width-3.2mm(1/8")
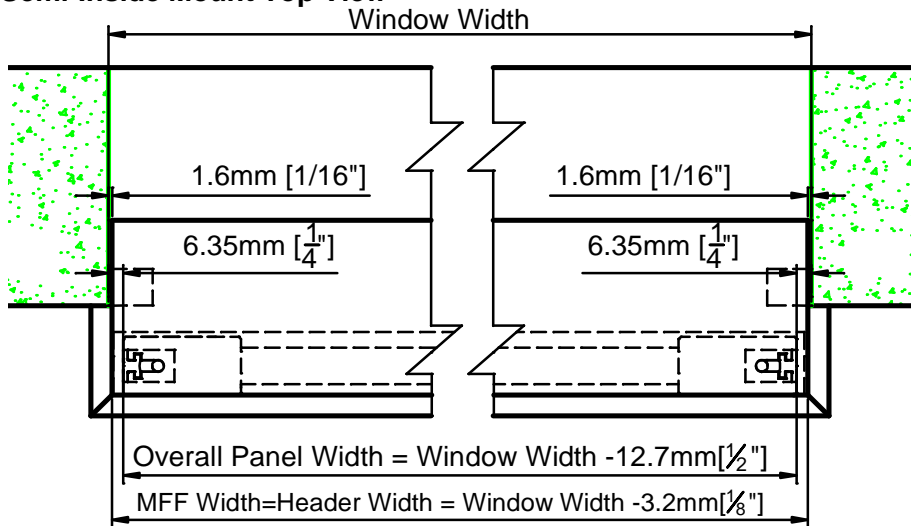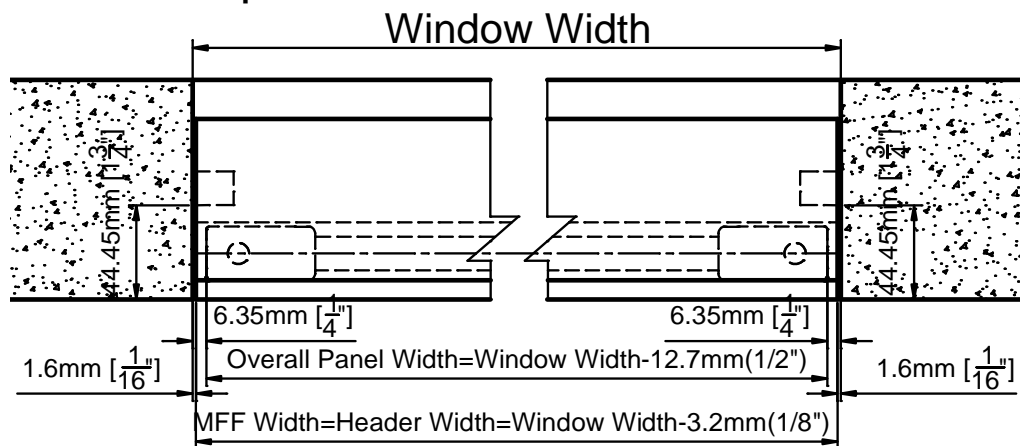
◇ Header Extension: Optional
◇ Custom extension up to 50.8mm for Header
◇ The extension will be pre-attached.
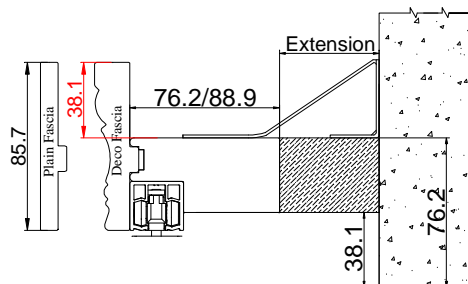
Extension

38.1   76.2/88.9

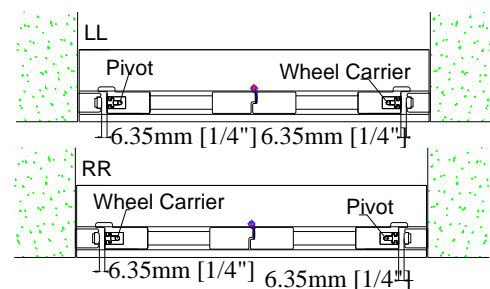85.7   Plain Fascia   Deco Fascia   76.2
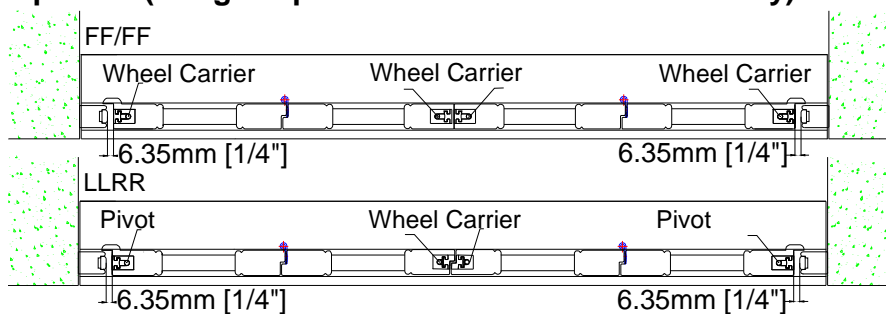
38.1

Panel Configuration：
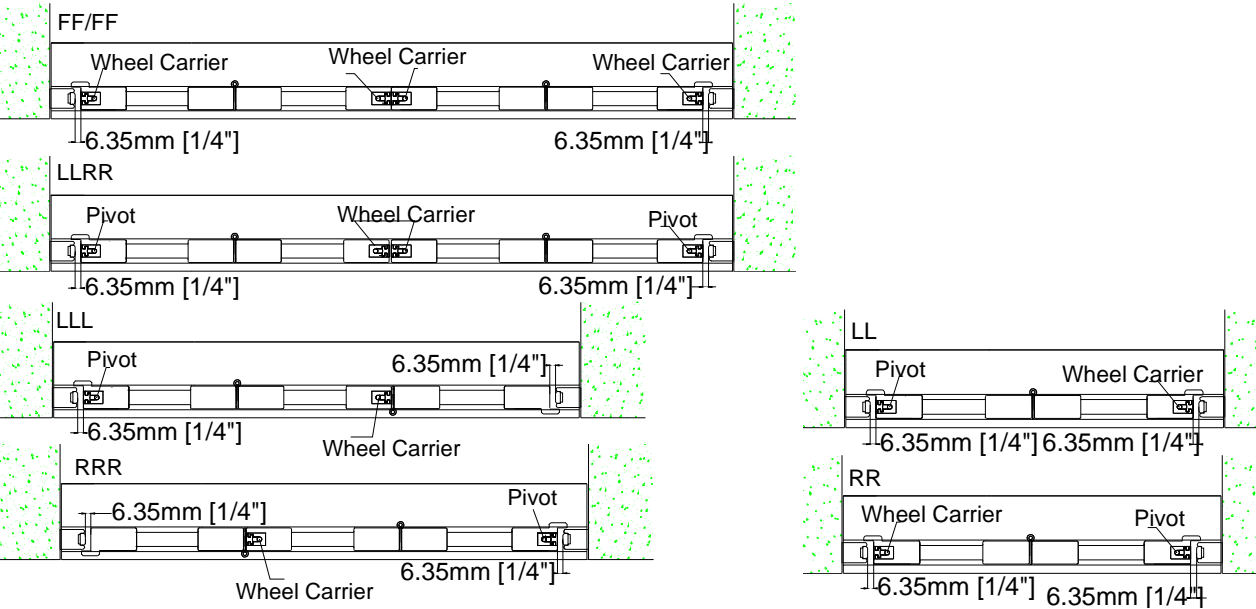
LL or RR
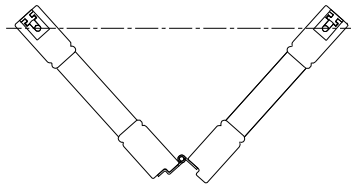
LLRR
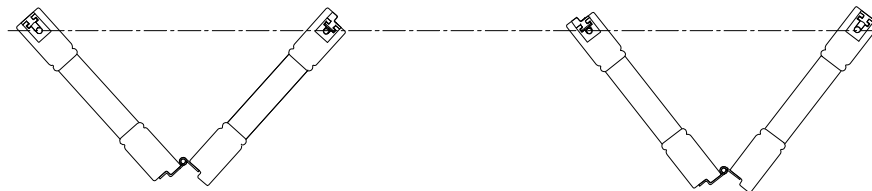
Optional (Hang Strip for Inside Mount for Wood Only)

FF/FF

LLRR
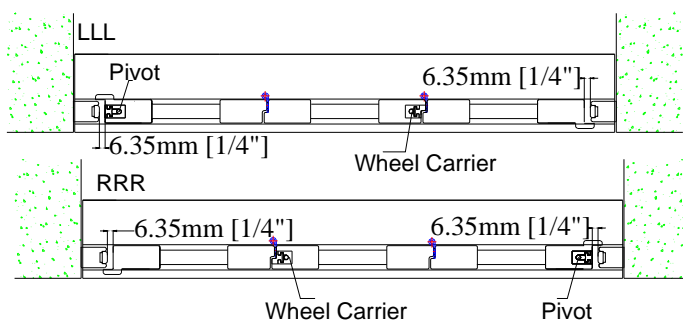
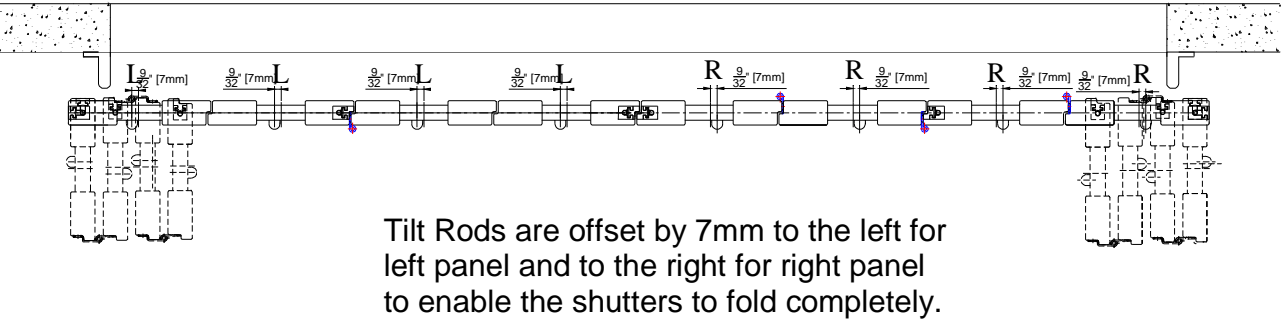Note: When Butt/Rabbet Stile is required, the stile next to the hang strip will be astragal stile.

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FF/FF — Wheel Carrier, Wheel Carrier, Wheel Carrier — 6.35mm [1/4"] — 6.35mm [1/4"]

LLRR — Pivot, Wheel Carrier, Pivot — 6.35mm [1/4"] — 6.35mm [1/4"]

LLL — Pivot, 6.35mm [1/4"], 6.35mm [1/4"], Wheel Carrier

RRR — 6.35mm [1/4"], Pivot, Wheel Carrier, 6.35mm [1/4"]

LL — Pivot, Wheel Carrier, 6.35mm [1/4"] 6.35mm [1/4"]

RR — Wheel Carrier, Pivot, 6.35mm [1/4"], 6.35mm [1/4"]

90^0 Multi-Fold Track Shutters

Panel Configuration: LLLL, RRRR, or LLLLRRRR
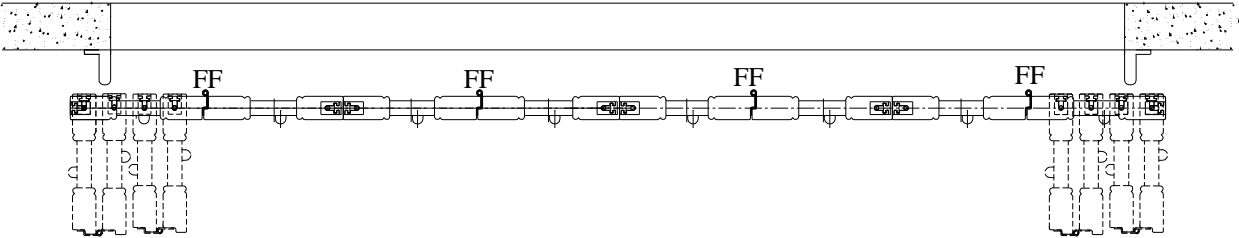
Tilt Rods are offset by 7mm to the left for left panel and to the right for right panel to enable the shutters to fold completely.

90^0 Floating Panels
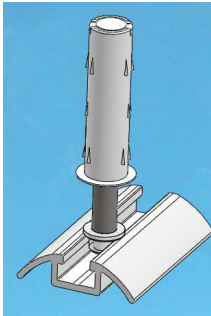
- Two or four panels can be hinged together, fold and slide to either direction
- Application comes with wheel carrier, spring loaded guide and floor track
- Can be used on large window

Note:

1. For 90^0 Floating Panels outside mount/semi-inside mount without side boards but with fascia returns, the 2016 Stopper will be supplied by default. The gap between the fascia return and the panel is 5mm each side.
   The 2016 stopper can also be used in the center or any position of the top track as an option.

2016 Stopper
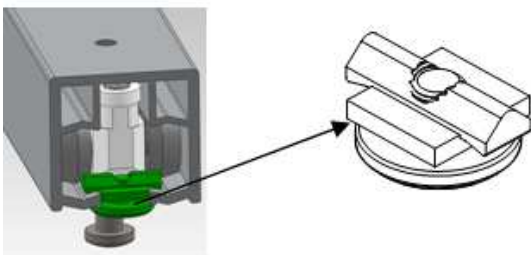
Please see drawing below to show the gap.

Stopper   Stopper

5.1mm [3/16"]   5.1mm [3/16"]
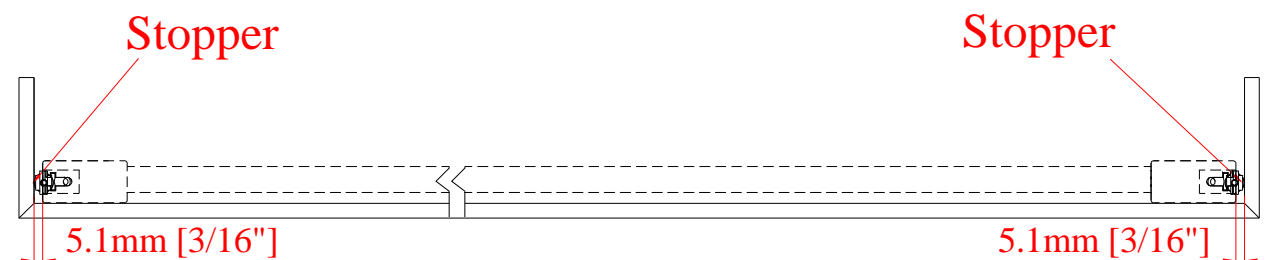
2. When rabbet stile required, the meeting stile of unhinged stiles will be butt stile by default. E.g.: Butt stile is default supplied between L/F, F/F, F/R panels.

90⁰ Bi Fold Track Shutters Framing Materials (For waterproof ABS, only plain fascia is available)

Type		Header/ Bottom Board Dimension	Top Fascia Dimension	Light Block Strip Dimension	Hang Strip Dimension
Header & Top Fascia& Light Block Strip Bottom Board	Outside Mount	76mm	85.7mm	39mm	
		89mm		52mm	
	Inside Mount	76mm	47mm	15.9mmx19mm	27.4mmx22.2mm
	Semi-Inside Mount	76mm	85.7mm	15.9mmx19mm	

Note: It will be L shape light block strip for outside mount.
For U shape bottom track with bottom board, the bottom board depth is 19mm and width will match with the header.

Frame Hinged Bi-fold

Available Stile: Rabbet Stile Only
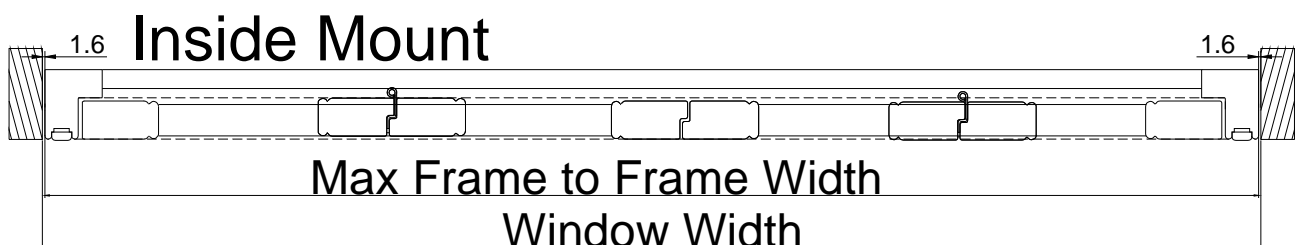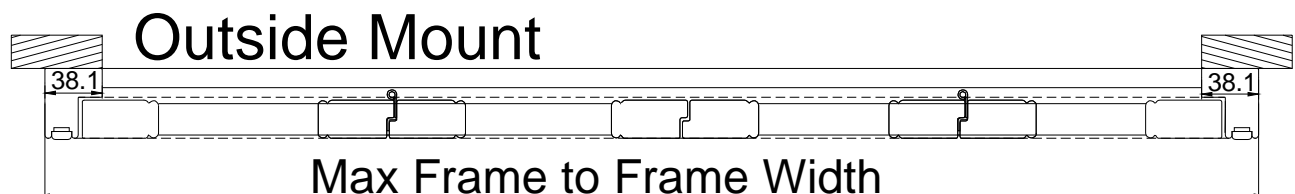**Available Frame type**
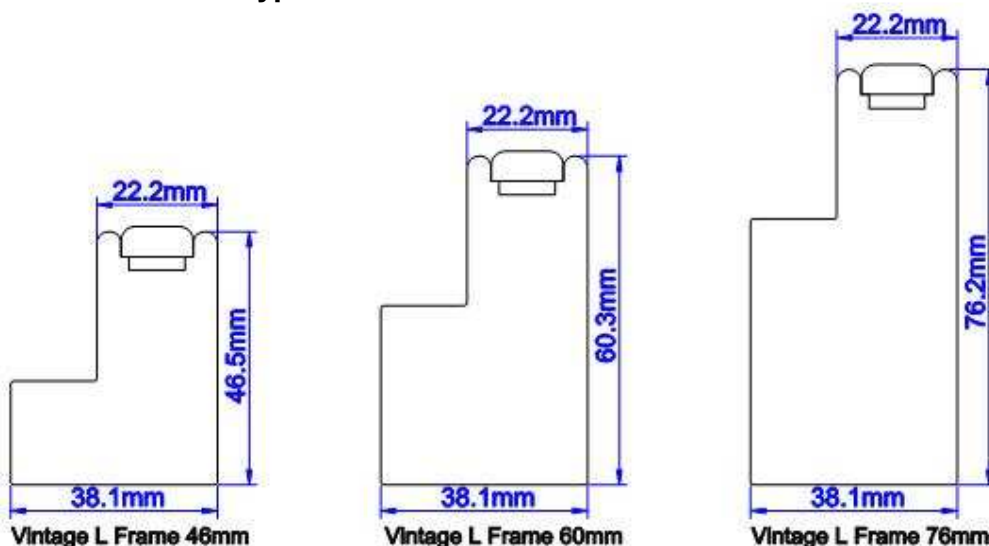
Vintage L Frame 46mm   Vintage L Frame 60mm   Vintage L Frame 76mm

Vintage Hang Strip with 11.5mm light block: For single direction bi-fold or multi-fold shutter with even panel qty, the frame on the unhinged side will be Vintage Hang Strip with 11.5mm light block, the height of the Vintage Hang Strip will match with that of the hinged side frame. For non-wood shutters like MDF/MDF+ etc., the Vintage Hang Strip will be made in wood with surcharge.
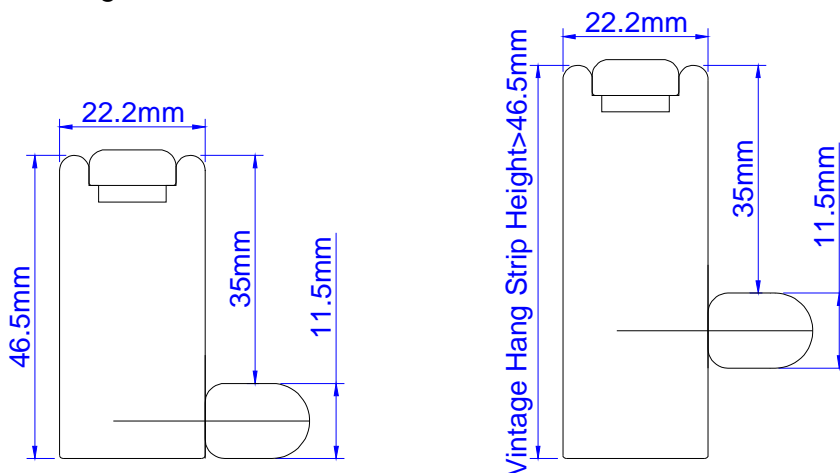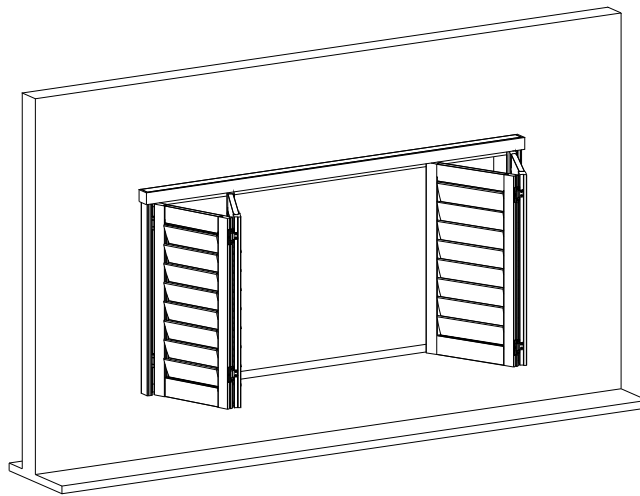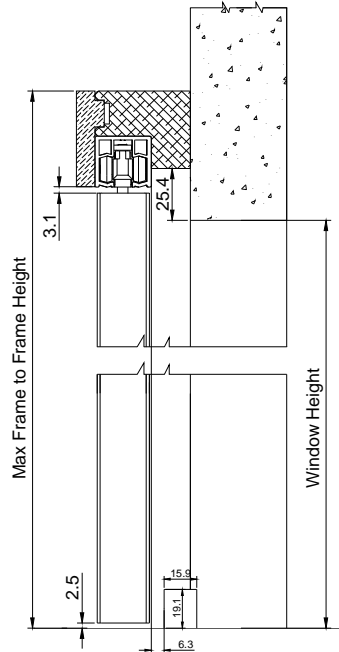
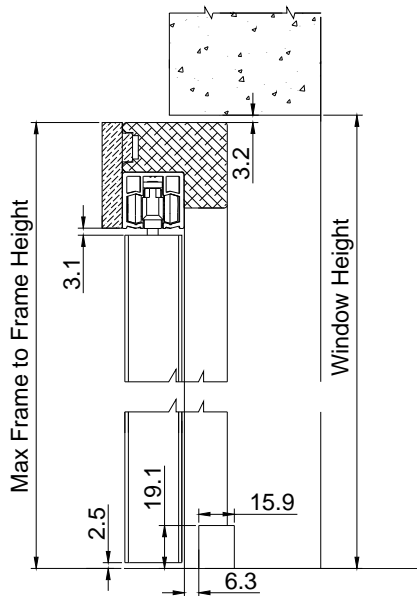**Top View**
Hinged at Left or Right with wheel assembly at top;

Outside Mount

38.1   38.1

Max Frame to Frame Width

Inside Mount

1.6   1.6

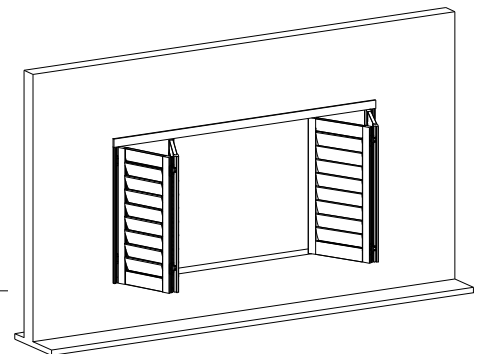Max Frame to Frame Width
Window Width

Side View

Outside Mount

Semi-Inside   Inside Mount
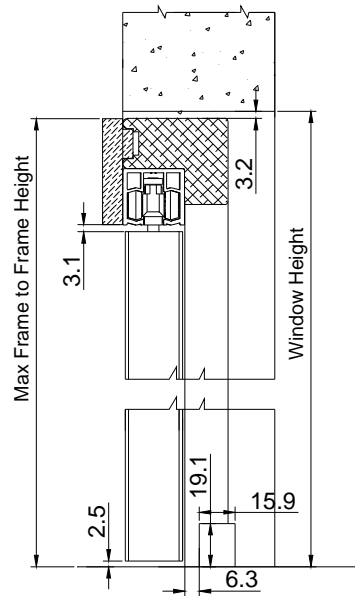
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For frame hinged bi-fold track shutter used as door, the bottom gap will be 19mm by default. Please specify "Used As Door" on the order form.
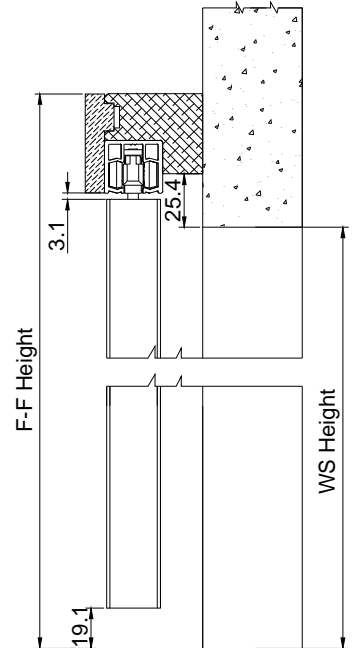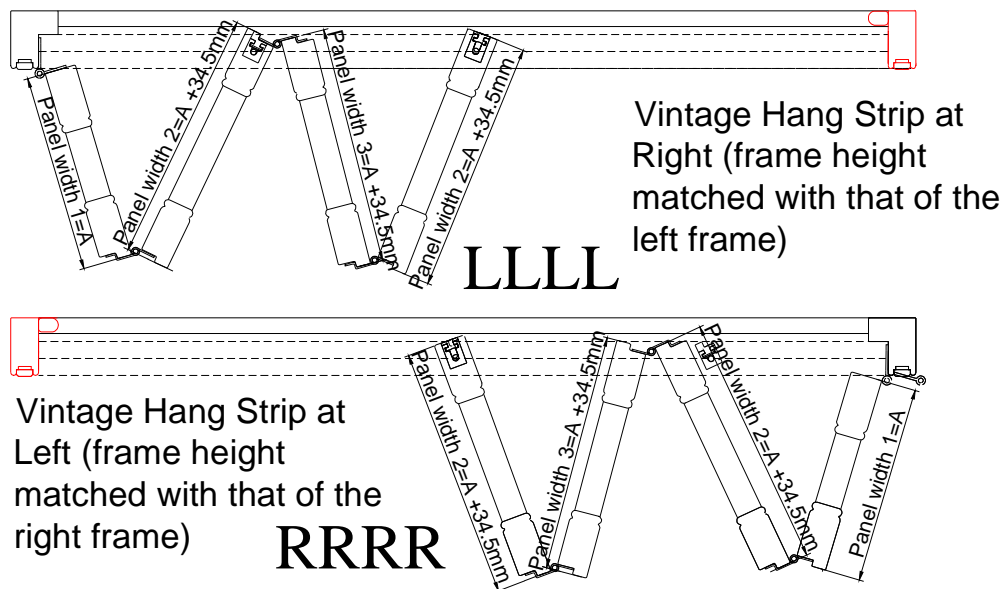
Panel Configuration (uneven panel width)
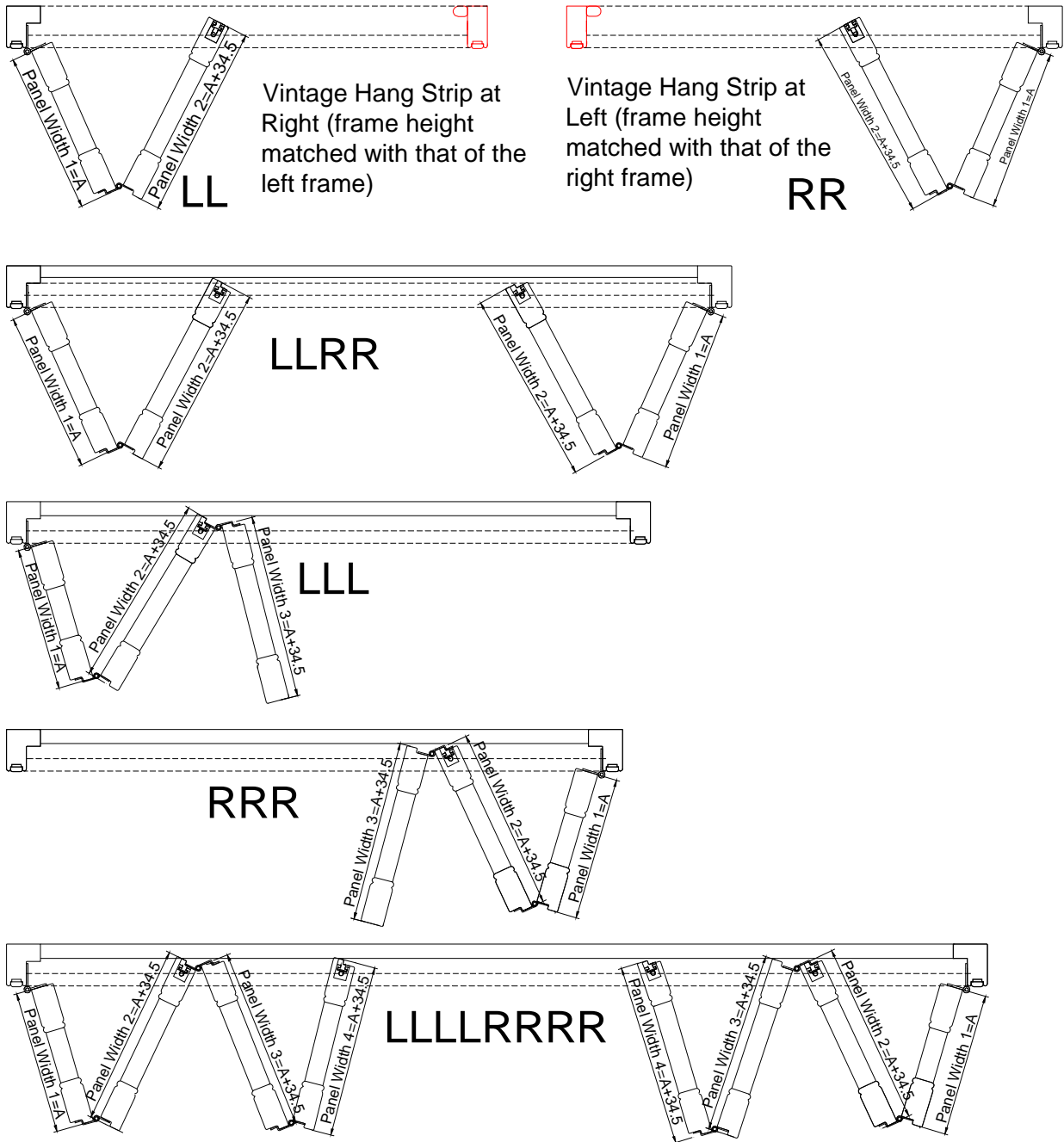
Vintage Hang Strip at Right (frame height matched with that of the left frame)

LL

Vintage Hang Strip at Left (frame height matched with that of the right frame)

RR

LLRR

LLL

RRR

LLLLRRRR

Panel width 1=A
Panel width 2=A +34.5mm
Panel width 3=A +34.5mm
Panel width 2=A +34.5mm

LLLL

Vintage Hang Strip at Right (frame height matched with that of the left frame)

Vintage Hang Strip at Left (frame height matched with that of the right frame)

RRRR

Panel width 2=A +34.5mm
Panel width 3=A +34.5mm
Panel width 2=A +34.5mm
Panel width 1=A

Notes:
1. Only available for 3-Sides + bottom light block (4-sides is not available); Panels can be folded and open at 90 degree;

90°
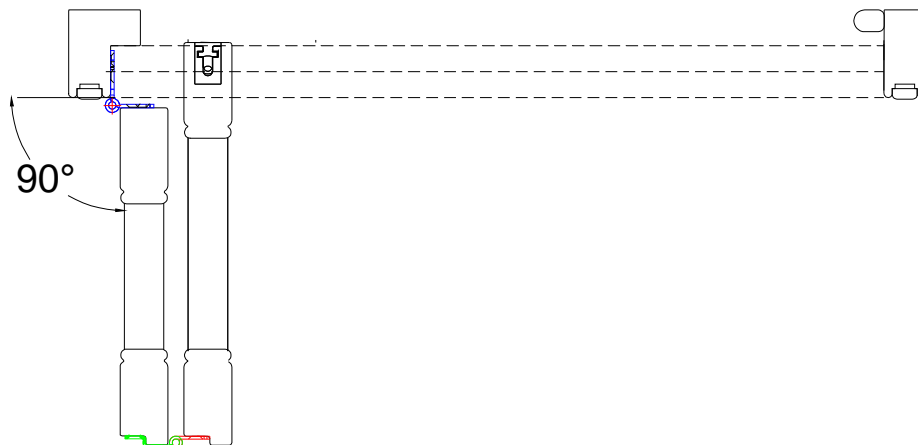
2. Frames available: Only Vintage L Frame
1) For top frame, the insert will be replaced by top fascia;
2) Top track will be pre-attached to the top frame;
3) Frame will be pre-drilled with screw holes same as regular shutters.

Ring Pull and Bolt: The ring pull will be provided as an option for both 90 &180 degree bi-fold Track Shutters; and for frame hinged bi-fold, the ring pull will be supplied as default. Please refer to the specification of Bolt and Ring Pull for the location. Customer needs specify bolt and ring pull location on the order form.

Ring pull color will match the hinge color.

Track Dimension:

Top Track   M Shape Bottom Track

U Shape Bottom Track
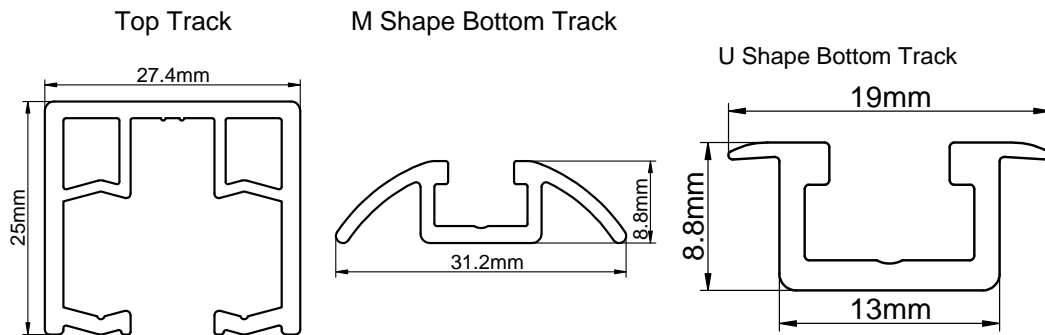
Note: If apply to U shape bottom track, the bottom board should be needed otherwise the customer need slot the floor to install the bottom track. Bottom Board size will match with the header.

End Caps will be supplied for M shape bottom track for outside / semi-inside mount:
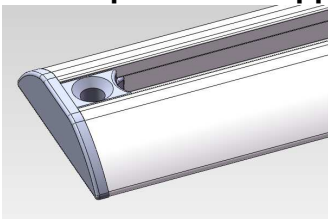
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Extra Magnets will be supplied for Bifold hinges: (only for the most top and bottom hinges)
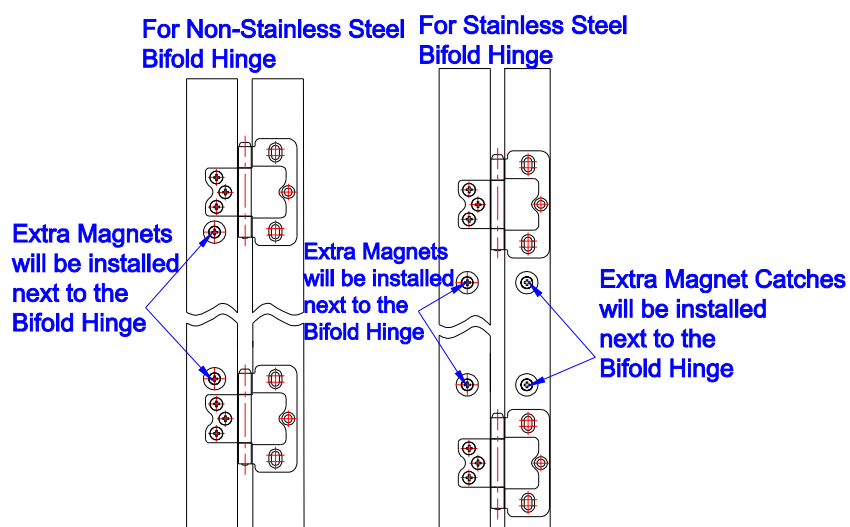
Side Magnets: applied to the meeting stiles of LR panels
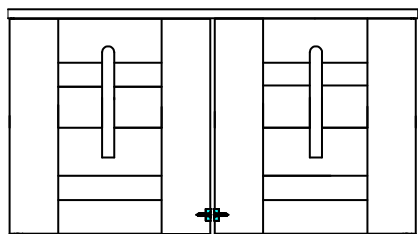
Extra magnet and Side Magnet: will be supplied for all materials except waterproof ABS shutters.

90⁰ Bi Fold Track Shutters Hardware Box

Parts
Wrench
Hinge Pin
Support L Bracket (based on the length of header)
63.5mm screws for support L bracket
18.5mm screws for support L bracket
Bottom Pivot Bracket
38.1mm screws for bottom pivot bracket
63.5mm screws for Frame

Notes:

For waterproof ABS, when 76mm header is selected, the header will make as 60.3mm (Vintage L frame for ABS) + 15.9mm extension.

When 89mm header is selected, the header will make as 60.3mm (Vintage L frame for ABS) + 28.6mm extension.

The extension for both header sizes will be pre-attached.

For waterproof ABS, only plain fascia is available.

Hardware:

Hardware for 90 degree Bi-fold Tracking system:

Top pivot assembly:
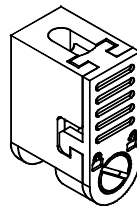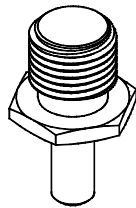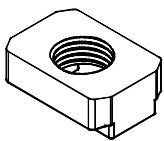
Top Pivot Locking nut   Top Pivot (M10)   Panel hanger(for Butt Stile)

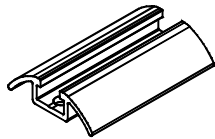**Bottom pivot assembly:**
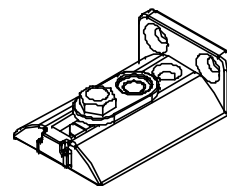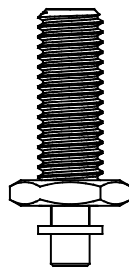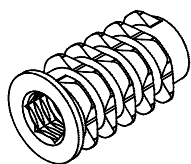
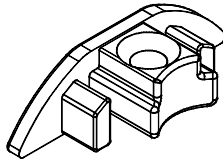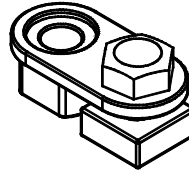Double teeth nut   Bottom Pivot(M8)   48mm Bottom Pivot L bracket
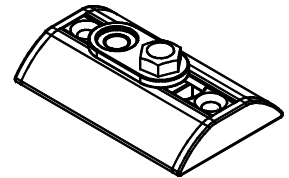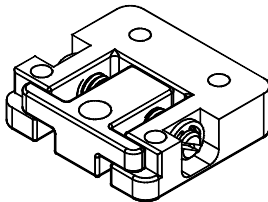
+

Aluminum Bottom Track M(9)

2pcs Aluminum Bottom Track M(9) end cap

+
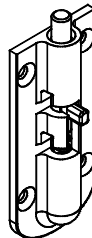
90 degree bottom pivot support

=

90 degree bottom pivot bracket assembly

180 degree Bi-fold Tracking system with hardware:
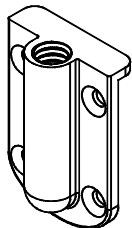**Top pivot assembly:**
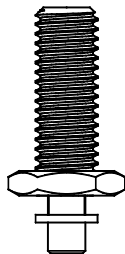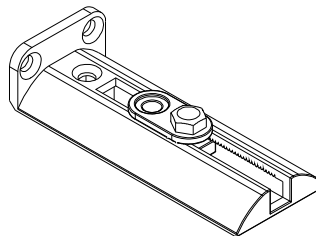
180°Track Pivot Bracket

180°Top Pivot

Bottom pivot assembly (with L shape bottom pivot):
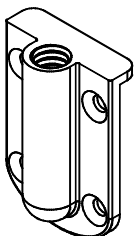
180°Bottom Pivot Support
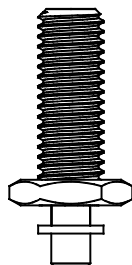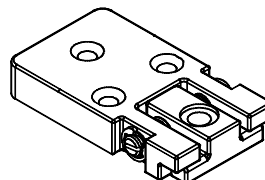
Bottom Piv ot (M8)

81mm Bottom Pivot L Bracket

Bottom pivot assembly (with plain bottom pivot):

180°Bottom Pivot Support

Bottom Pivot (M8)

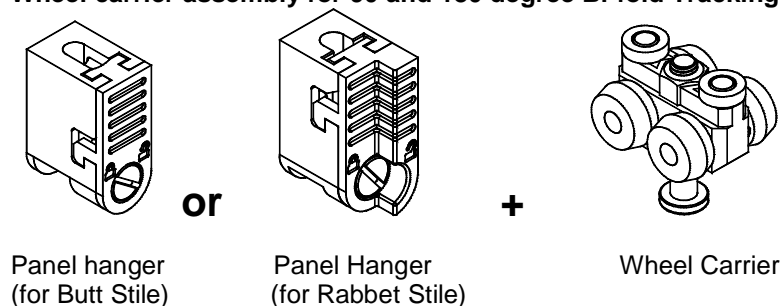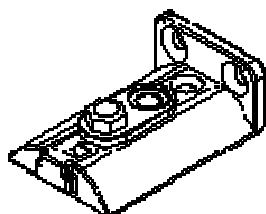180°Bottom Pivot Plain Bas e

Wheel carrier assembly for 90 and 180 degree Bi-fold Tracking system:

or   **+**

Panel hanger
(for Butt Stile)

Panel Hanger
(for Rabbet Stile)

Wheel Carrier
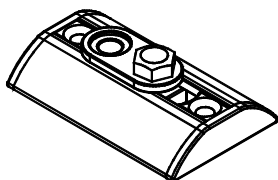
Bottom Pivot Bracket for 90° Bifold:

For 90° Bifold Track Shutter, there will be 2 types of Bottom Pivot Brackets available.


For Inside Mount, 48mm Bottom Pivot L Bracket will be supplied as default;

For Semi-Inside or Outside Mount, 90 degree bottom pivot bracket assembly will be supplied as default.

For 90° Bifold Track Shutter with bottom track, onl y the 90 degree bottom pivot support will be pre-installed in the bottom track, no bottom pivot bracket will be supplied by default.
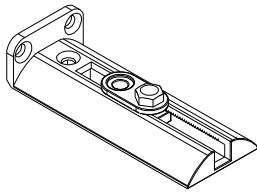
90 degree bottom pivot support
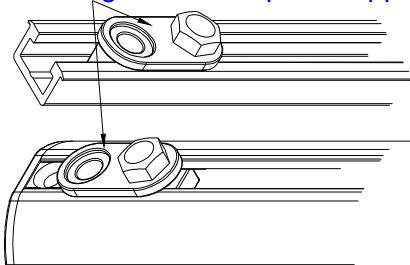
Blindtex Custom Shutter Specification					
Code	**EM-021**		Page	**27 / 27**	
Edition	**O**	2014 Bi-fold Track	Compiler		
Effective Date	**2016/07/01**		Reviewer		

Bottom Pivot Bracket for 180°Bifold:

For 180°Bifold Track Shutter, there will be 2 type s of Bottom Pivot Brackets available.

For 180°Bifold Track Shutter without bottom track, 81mm Bottom Pivot L Bracket will be supplied as default.
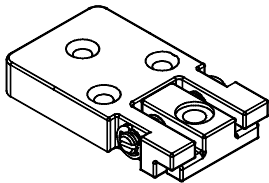
For 180° Bifold Track Shutter with bottom track, 18 0° Bottom Pivot Plain Base will be supplied as default.

The Claim Limitation Date for Shipping Damage for Airfreight Orders:
For all airfreight orders with shipping damages, claims must be submitted within 2 weeks after the date of receipt.