Window and vertical awning

VertiTex II

VertiTex II Zip | Rail | Rope

The **VertiTex II** vertical awning offers protection from the dazzling sun, prevents the patio and indoors from becoming uncomfortably hot and shelters you from prying eyes. Flooring, carpets, curtains and furniture are also preserved. Despite this you can still see outside, depending on the fabric type. Regardless of whether it's for the patio roof, pergola awning, window, balcony or conservatory: the VertiTex II is always perfect. Thanks to its compact design, the many versions and versatile protection against prying eyes and the weather, it is a real all-rounder among vertical awnings. The extremely small cassette adapts unobtrusively to any building facade.

UPDATE
october 2019

Page 255,
Technical drawing
replaced

Page 260,
Technical drawing
replaced

Whether it's the zip, rail or rope version: these plus points apply to all VertiTex II versions.

Round and square design:
The cassette and guide rails are available in square and round designs, each in the sizes 75 mm, 92 mm and 112 mm.

Attachment installation:
With widths up to 250 cm the simple attachment of the cassette to the guide rails ensures easy installation.

Zip

For high winds
Cassette size 92 and 112 mm

weinor Opti-Flow-System®:
The tube doesn't bow under load resulting in the fabric being better positioned

Adjustable centre bracket:
For use with larger cassette widths. It is adjustable and compensates for any installation allowances

Flush cover plate:
Closes at the push of a button with elegant integrated logo

Zip technology:
Held captive on the side, no light gap

VertiTex II Highlights

Indented rope:
Practical installation with attractive appearance if the rope guide cannot be on the outside

Rail

Universal use
Cassette size 92 and 75 mm

Rope

For a light appearance
Cassette size 92 and 75 mm

Rotatable bearing:
So the bottom rail runs smoothly, even with high winds

Beautifully-shaped rope holder:
For an attractive look down to the smallest detail

VertiTex II Benefits

New modern design – in two shapes

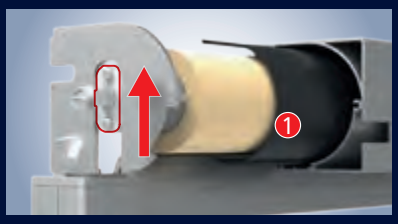
The VertiTex II is available in different cassette sizes as well as in a square and round version. What makes the vertical awning a true asset for any facade:

- Attractive design
- Preferred colour to match the facade's appearance
- Wide selection of fabrics – including many seamless without irritating transverse seams
- Sheer fabrics: Perluca and Soltis®
  (Soltis® not in combination with VertiTex II Zip)

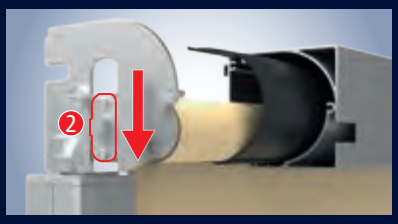
Patented Opti-Flow-System® for better fabric positioning

A taut fabric needs a straight roller tube. weinor solves this challenge with a floating fabric roller bearing. As a result, the fabric and roller tube are supported along the entire length when rolling it up and unrolling it from the bottom of the cassette and glide profile.
Benefits:

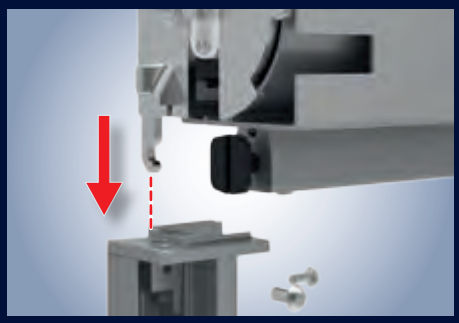
- The fabric positioning is ideal even for fabrics up to 6 metres wide (max. 15 m²)
- Specially coated glide profile means the fabric enjoys long-lasting protection



Roller tube is unrolled: the glide profile (1) supports the roller tube along its entire length and thus effectively prevents sagging.



Roller tube is rolled up: the roller tube steadily rolls into its holder (2). The glide profile continues to provide support along its entire length.



Cantilever housing bracket

The VertiTex II can also be installed up to 250 cm wide without any wall brackets, by just attaching the cassette to the guide rails. The guide rails are optionally available in a version without drilled holes. They are smooth and therefore ideal for invisible installation – e.g. in the recess/reveal.

- Ideal for retrofitting business
- Panel mounting if there's no room for brackets, e.g. in the smallest niches, recess or on top

Adjustable centre bracket*

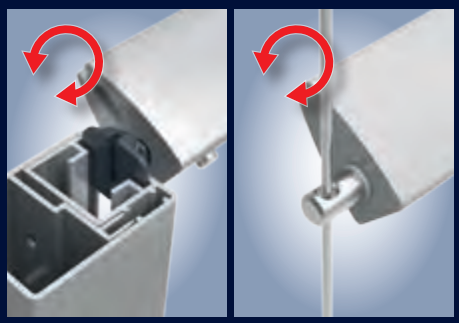
A centre bracket is required with widths of 260 cm or more. It is adjustable upwards and can therefore compensate for any installation allowances.
The centre bracket also prevents the cassette from sagging and therefore supports the weinor Opti-Flow-System®.
An adjustment screw is located at the bottom in the bracket which can be used to continuously raise the cassette by 5 mm.

* Does not apply to VertiTex II with intended ropes

Flush cover caps with button

The cassette cover caps are flush and really easily closed using the button.

- Fast installation because no screwing is required
- Beautiful seamless look
- Elegantly integrated logo

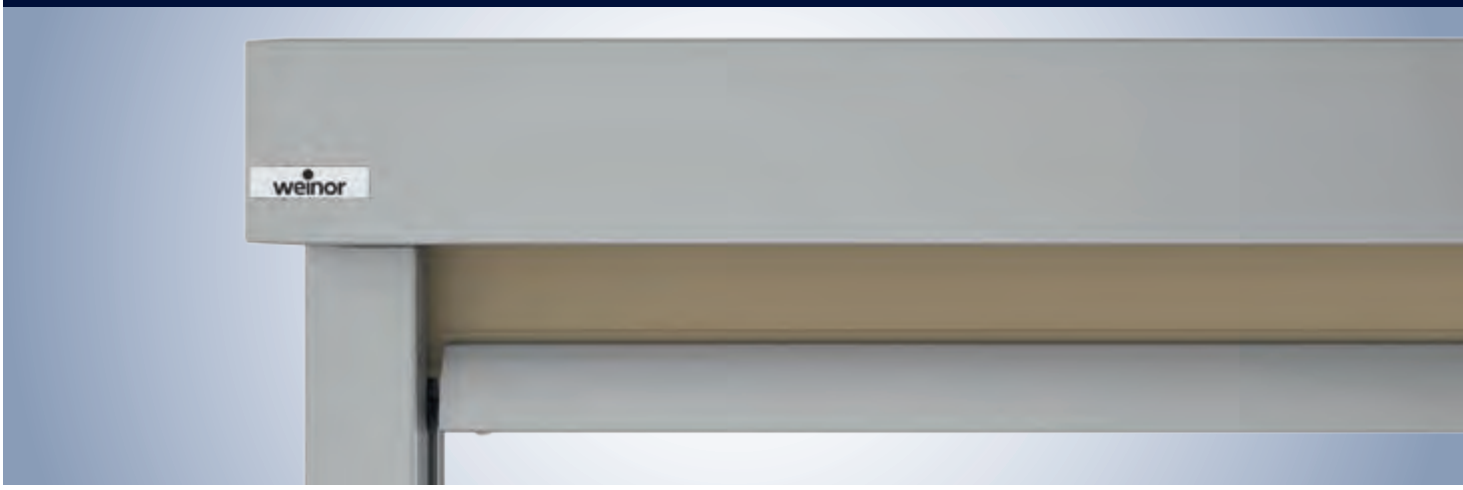


Rotatable bottom rail bearing

The bottom rail with rotatable bearings ensures stable and secure running. It prevents jamming with all VertiTex II versions – even in high winds.

VertiTex II Guide Versions

VertiTex Zip – the wind-resistant version



The VertiTex II Zip is recommended in more windy areas.
The fabric is held captive on both sides. The benefits:

- Guide rails with zip system for better fabric positioning
- Very wind-resistant
- Insect-repelling
- No light gaps at the side
- Extremely quiet operation
- Minimal noise in windy conditions
- System height up to 300 cm

The zip system

High wind stability and smooth running is ensured among other things by:

- The elastic attachment of the fabric guide profile
- The stable guiding of the fabric by the side zip
- The bottom rail balanced weight
- Movable bottom rail support brackets
- The 2-part guide rails with fixed screw

Setting up the guide rail with bottom rail support bracket to the fabric

Threaded zip system without a light gap at the side

VertiTex II Rail – the universal version

The VertiTex II with guide rail is recommended in slightly less windy areas. The fabric is reliably guided in the rail with the bottom rail. A small light gap remains between the fabric and rail.

- Bottom rail runs in the slider inside the guide rail
- System height up to 400 cm
- Greater installation allowance compared to VertiTex II Zip

VertiTex II Rope/Indented rope – the light version

The VertiTex II with rope guide is the ideal solution for a delicate and light look.

- Less space required at the sides
- Good air circulation as the fabric hangs virtually free
- Narrow gap between the fabric and rope
- Chic rope holder for an attractive look down to the smallest detail
- System height up to 400 cm

Front view

Rear view

Only from weinor: the VertiTex II rope guide can be indented, if required. This doesn't just look beautiful but is also much more practical, depending on the use (max. 300 cm system height).

VertiTex II Technology

VertiTex II versions	VertiTex II Zip
Technology	
Width (min. | max.)	70 cm | 600 cm
Max. height of system	300 cm
Max. shadeable area	15 m^2
Cassette type 75 (86 x 75 mm)	—
Cassette type 92 (101 x 92 mm)	●
Cassette type 112 (121 x 112 mm)	○
Multi-section unit	○
Motor drive	●
Gear drive	—
Installation alternatives	can be installed on walls, ceilings and jambs
Wind resistance class in accordance with DIN 13561	3
Wind force on the Beaufort scale (km/h)	6 (to 49 km/h)
Accessories	
Fixing materials	see Installation section
Radio control	○ see weinor/Somfy radio controls
No remote	● see weinor permanently wired
Frame colours	
47 standard frame colours	●
Over 150 other RAL colours	○
9 trend colours	●
Other structural colours	○
Fabric collections (max. system height)	
screens by weinor® StarScreen	○ (300 cm)
screens by weinor® Perluca	● (300 cm)
screens by weinor® Soltis® 86/92*	—
weinor collections (acrylic and polyester)	● (220 cm)
screens by weinor® fibreglass screen	○ (300 cm)

● standard ○ optional — unavailable

* Soltis® fabrics have a plastic surface that is washable and durable at the same time. However, this easy to clean surface produces static friction on the fabric, which partly leads to it not rolling up smoothly. This brief jerking movement does not impair the product's function and durability in any way.
Please note that the Soltis® fabrics which are not in the screens by weinor® collection have a surcharge and longer delivery times.

Please note: the weinor product range may vary depending on the country.

VertiTex II Technology

	VertiTex II Rail	VertiTex II Rope	VertiTex II Intended rope
	70 cm | 600 cm	70 cm | 600 cm	70 cm | 600 cm
	400 cm for max. width of 350 cm	400 cm for max. width of 350 cm	300 cm for max. width of 480 cm
	14.4 m^2	14.4 m^2	14.4 m^2
	● up to system height of 300 cm	● up to system height of 300 cm	● up to system height of 300 cm
	● system heights of 301 cm and above	● system heights of 301 cm and above	—
	—	—	—
	○	○	○
	●	●	●
	—	—	—
	can be installed on walls, ceilings and jambs		
	2	2	2
	5 (to 38 km/h)	5 (to 38 km/h)	5 (to 38 km/h)
	see Installation section		
	○ see weinor/Somfy radio controls		
	● see weinor permanently wired		
	●	●	●
	○	○	○
	●	●	●
	○	○	○
	○ (400 cm)	○ (400 cm)	○ (300 cm)
	● (220 cm)	● (220 cm)	● (220 cm)
	●/○ (400 cm)	●/○ (400 cm)	●/○ (300 cm)
	● (220 cm)	● (220 cm)	● (220 cm)
	○ (300 cm)	○ (300 cm)	—

Product benefits in comparison

VertiTex II system comparison	VertiTex II Zip	VertiTex II rail	VertiTex II rope/ VertiTex WeiTop
System properties due to type of guide			
Wind stability	●●●	●●	●
Wind protection	●●●	●●	●
Quiet running	●●	●	●●
Sun protection	●●●	●●	●●
Air circulation	●	●●	●●●
Insect screen	●●	●	●
Installation flexibility	●●	●●	●●●
Sideways light gap	no light gap	with sideways light gap	with sideways light gap

●●● excellent ●● very good ● good

VertiTex II system comparison	VertiTex II Zip	VertiTex II rail	VertiTex II rope	VertiTex WeiTop
VertiTex II application ranges				
Windows	●	●	●	—
Balconies	●	●	●	—
Terrazza Originale / Plus DR160	—	—	—	●
Terrazza Originale / Plus DR220	●	●	●	—
Terrazza Pure	●	●	●	—
PergoTex II	●	●	●	—

● available — unavailable

Note: Please note that the privacy protection depends on the fabric quality. Please see the screens by weinor® collection for more detailed information.

03

Available fabrics for the VertiTex II

Selection of fabrics

There are different fabric types available for the VertiTex II. For vertical shading we recommend the fabrics from the screens by weinor® collection. Due to the different fabric qualities, a suitable woven fabric can be selected according to the application. You can find the maximum system heights per woven fabric type and unit width in the tables below.
You can find more details and the fabric qualities in the screens by weinor® collection booklet.

VertiTex II Zip

Fabric type		Soltis® 86, 92		StarScreen	Perluca	Acrylic		Polyester	Fibreglass screen
Unit width (cm)		177	267	325	240	120	240	120	up to 320*
Height of system (cm)	Cassette (mm)								
0 – 100	92	–	–	N	N	N	N	N	N
101 – 160	92	–	–	N	N	Q	N	Q	N
161 – 220	92	–	–	N	N**	Q	N	Q	N***
221 – 250	112	–	–	N	Q	–	Q	–	N
251 – 300	112	–	–	N	Q	–	Q	–	N/Q

* For max. unit widths see collection boxes ** Perluca max. 215 cm system height *** Cassette 92 max. 200 cm system height

VertiTex II rail, rope and indented rope

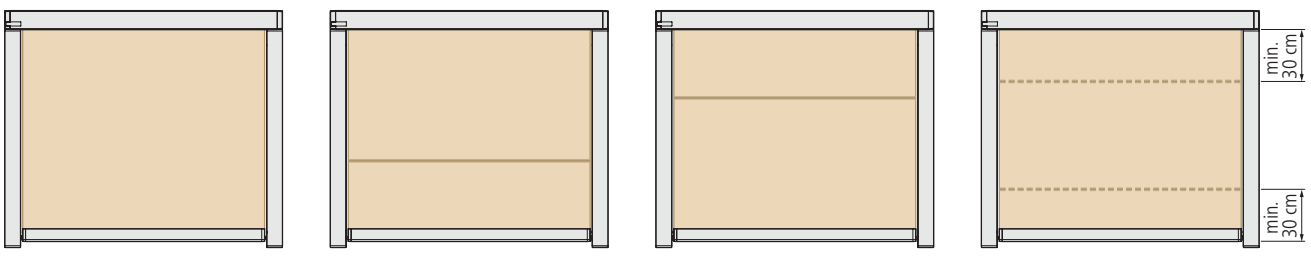
Fabric type		Soltis® 86, 92		StarScreen	Perluca		Acrylic		Polyester	Fibreglass screen
Unit width (cm)		177	267	325	120	240	120	240	120	up to 320*
Height of system (cm)	Cassette (mm)									
0 – 100	75/92	N	N	N	N	N	N	N	N	N
101 – 160	75/92	N	N	N	Q	N	Q	N	Q	N
161 – 220	75/92	Q	N	N	Q	N**	Q	N	Q	N
221 – 250	75/92	Q	N	N	–	–	–	–	–	N cassette 92
251 – 300	75/92	Q	Q	N	–	–	–	–	–	Q/N cassette 92
301 – 340	92	Q	Q	Q	–	–	–	–	–	–
341 – 400	92	–	Q	Q	–	–	–	–	–	–

* For max. unit widths see collection boxes ** Perluca max. 215 cm system height

N Seamless: seamless fabric
Q Transverse seam: fabric with transverse seam; structure of fabric runs crosswise, transverse seam always in the bottom or top third
– Not available

The structure of the fabric is runs crosswise, please note this with striped patterns.

VertiTex II, seamless (S) /transverse seam (T)



Seamless

Transverse seam in the bottom third (standard, no surcharge)

Transverse seam in the top third (on request, no surcharge)

Preferred transverse seam position

Recommendation: Use extra-wide fabrics to avoid a transverse seam.

General notes

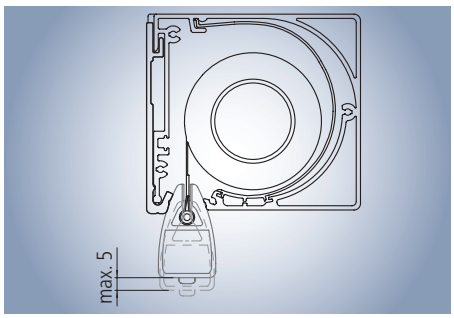
**Vertical awnings and textile screens are primarily used as pure sun and glare protection.
weinor products comply with the current state of the art where the Guideline for the estimation of awning product characteristics and the Guideline for the estimation of manufactured awning fabrics are applied. The guidelines can be obtained from the ITRS industry association (www.itrs-ev.com).**

Important information about awning fabrics for vertical awnings
The following factors may influence the appearance with vertical awnings (excerpt from the Guideline for the estimation of manufactured awning fabrics, 12.2016).

V-shaped waves
V-shaped waves may appear symmetrically coming from the top edge with wider systems as well as with units as facade systems with brackets as mounting technology. The reasons for this are the fabric's dead weight and structure as well as the sagging waves and loads on the brackets and/or facade substructure.

Markings across the fabric
The bunching up of the awning is the result of it being connected to the roller tube and transverse seams. This may leave marks across the fabric (due to the winding up) and is technically unavoidable. These effects do not have a negative impact on the quality, function or service life of the fabrics and are not a reason for rejection.

Creasing
Zip guided fabrics have slight creases around the edge in particular. This may occur as the fabric and zip lie on top of each other and have to cover different distances when being wound up. Resulting in the fabric being rolled up several times over the circumference on the edge when being wound up. This appears as a crease when extended. Its appearance is accentuated by the weather conditions. This optical effect does not impair the function and is therefore not a reason for rejection.



Bottom rail bowing under load
The bottom rail bowing under load is caused by the interaction of different materials, geometries and fabric designs. As a result, it cannot be prevented that there may be an up to 5 mm uneven submergence of the projection profile when closing the cassette. The awning fabric is not visible and still lies protected in the cassette.

Quality
weinor tested the VertiTex II with 10,000 operating cycles.
This corresponds to the highest class 3 in accordance with EN 14201 (Testing method for mechanical endurance).

VertiTex II Controls

BiConnect control components
High-quality electric drives allow the VertiTex II to run safely and comfortably. Thanks to the weinor Opti-Flow-System® and a torque limiter, it always closes perfectly. There are two options available for the BiConnect control.

weinor BiConnect radio technology

Product	Electronics	BiConnect control	Remote receiver	Transmitter
VertiTex II	VertiTex II drive	• BiConnect remote-controlled motor integrated into cassette (recommendation)	Elero RollTop-868 remote-controlled motor Elero SunTop-868 remote-controlled motor (cassette 112 mm)	• BiEasy 1M/5M/15M Go! hand transmitter • App • 1MW-3V wall transmitter
VertiTex II	VertiTex II drive	• External BiRec receiver	BiRec MA-K	• BiEasy 1M/5M/15M Go! hand transmitter • App • 1MW-3V wall transmitter

Somfy RTS radio technology

Product	Electronics	Somfy RTS control	Remote receiver	Transmitter
VertiTex II	VertiTex II drive	• External Somfy RTS receiver	Somfy Universal Receiver RTS	• Telis 1 RTS Pure/Telis 1 Soliris RTS Pure/Telis 4 RTS Pure/Telis 4 Soliris RTS Pure hand transmitter • Smoove 1 wall transmitter

Somfy io-homecontrol® radio technology

Product	Electronics	Somfy io-homecontrol control	Remote receiver	Transmitter
VertiTex II	VertiTex II drive	• Somfy io remote-controlled motor integrated into cassette	Somfy io remote-controlled motor	• Situo 1 io Pure/Situo 5 io Pure/Situo 5 io Pure Variation A/M hand transmitter • Smoove 1 io Pure Shine wall transmitter

Hard wired with Somfy control

Product	Electronics	Firmly wired Somfy control	Controls
VertiTex II	VertiTex II drive	• Somfy control for awning drive	e.g. Soliris Smoove Uno

Hard wired (existing switch/power supply on site)

Product	Electronics	Firmly wired control	Controls
VertiTex II	VertiTex II drive	• Awning commutator for the awning drive	e.g. Double rocker switches (on site)

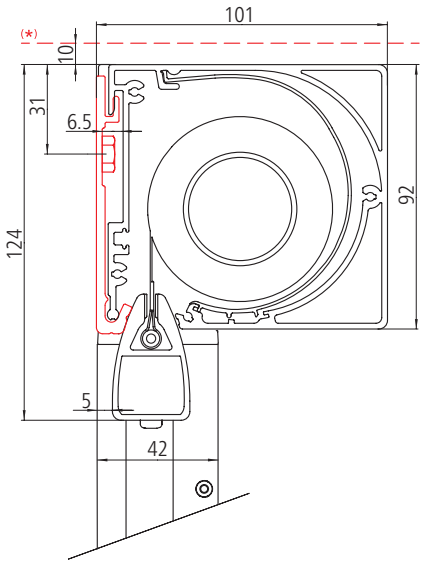
Note:
Please see the "Accessories" technical brochure for further details regarding the drive and control.
Motor drives: There may be slightly different handling characteristics (e.g. when running in the drop profile) depending on the motor type and control.

Some options are subject to a surcharge. For prices, please refer to the weinor awnings price list.

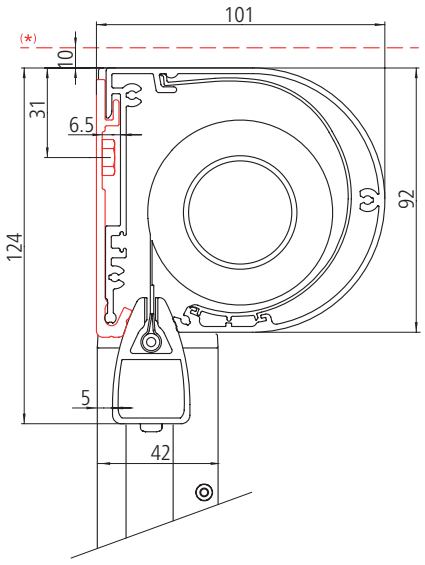
VertiTex II Planning

VertiTex II Zip – installation on walls and embrasures

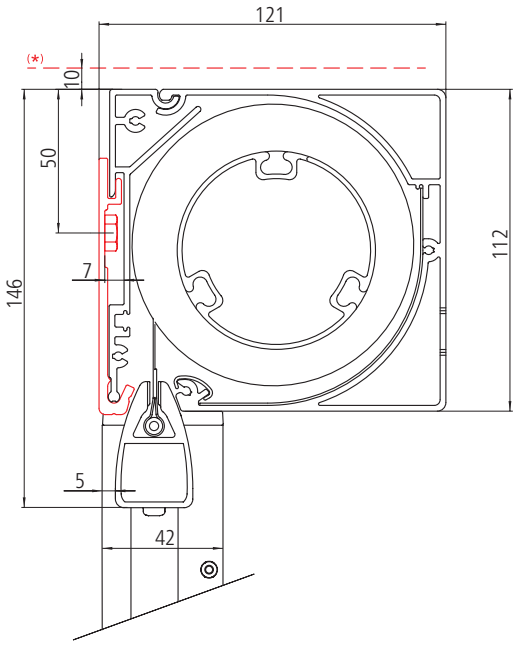
Cassette type 92, square



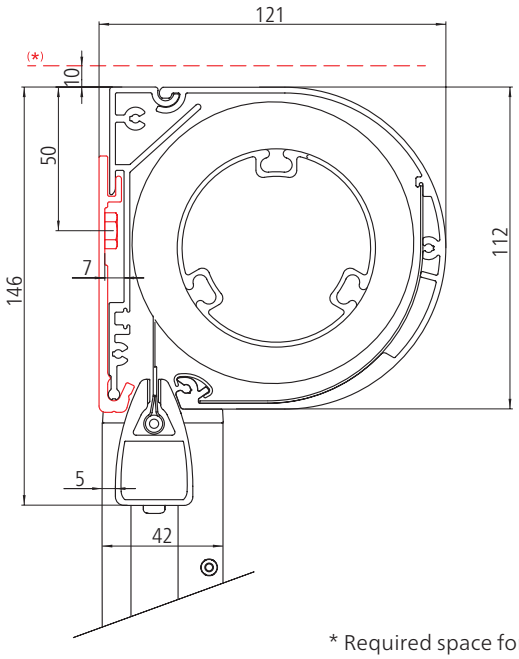
Cassette type 92, round



Cassette type 112, square



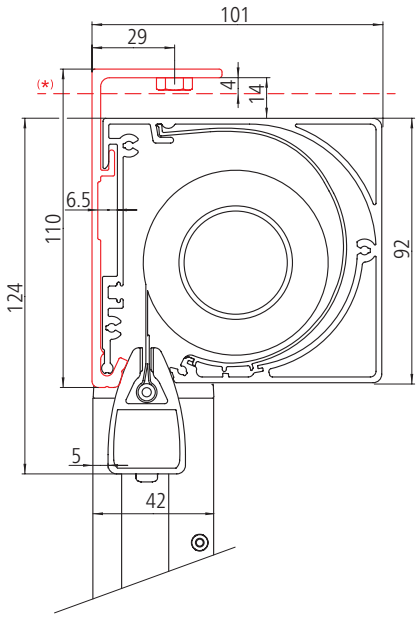
Cassette type 112, round



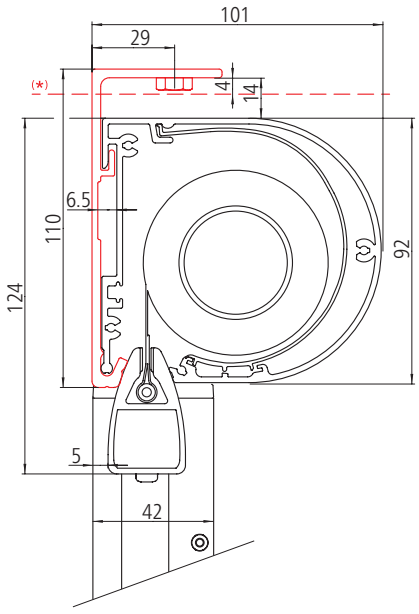
* Required space for installation

VertiTex II Zip – installation on ceilings and embrasures

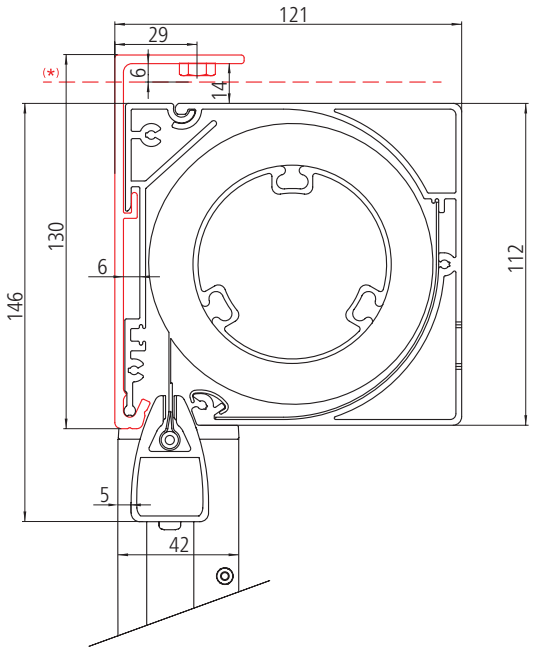
Cassette type 92, square



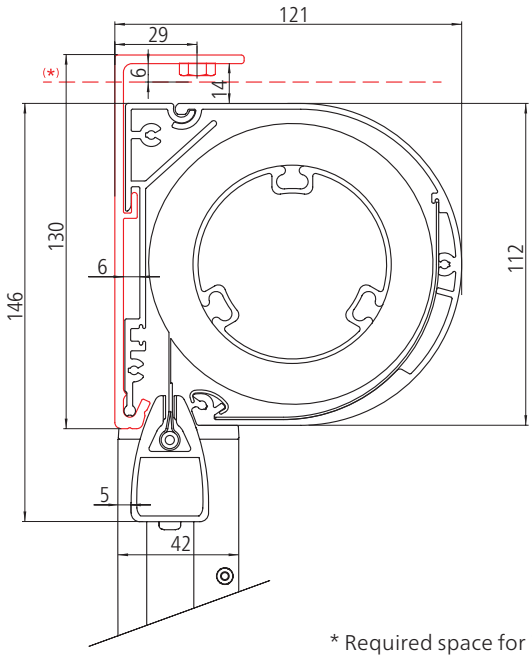
Cassette type 92, round



Cassette type 112, square



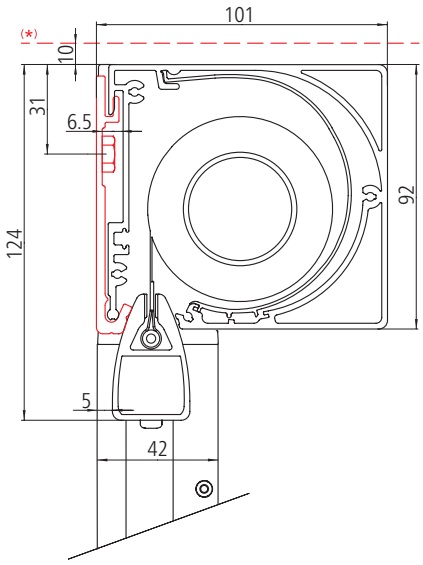
Cassette type 112, round



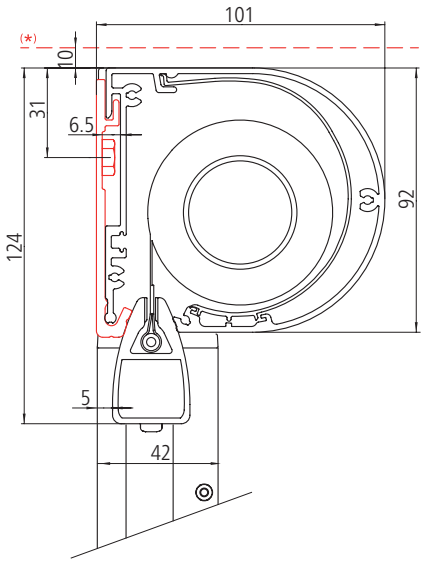
* Required space for installation

VertiTex II Rail – wall mounting

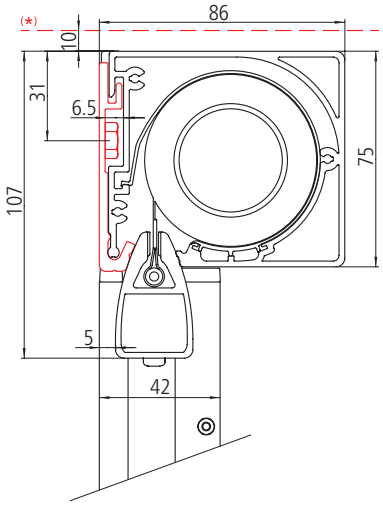
Cassette type 92, square



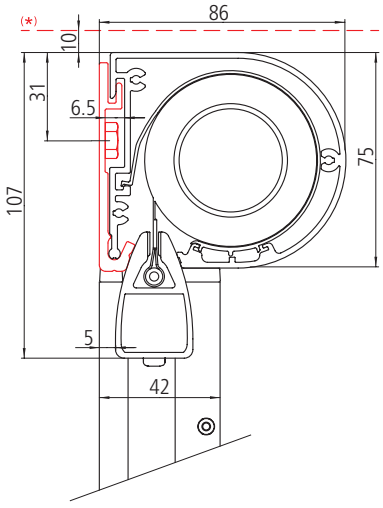
Cassette type 92, round



Cassette type 75, square



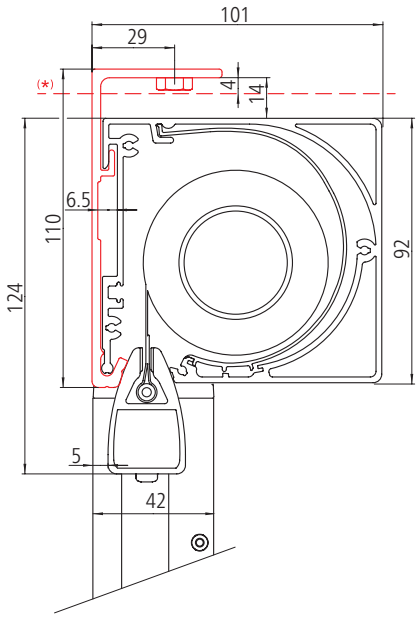
Cassette type 75, round



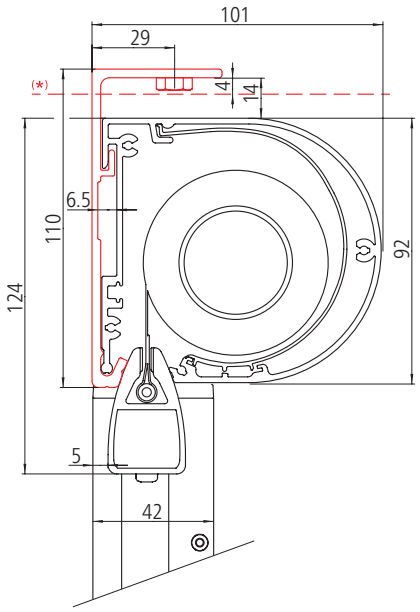
* Required space for installation

VertiTex II Rail – roof mounting

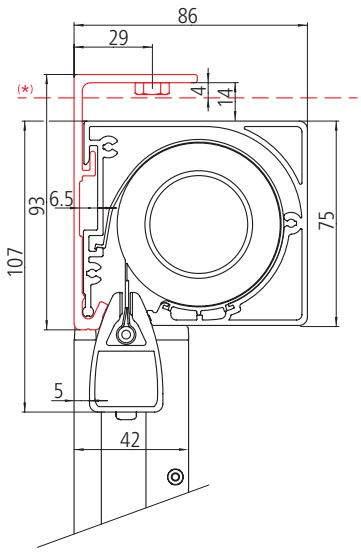
Cassette type 92, square



Cassette type 92, round

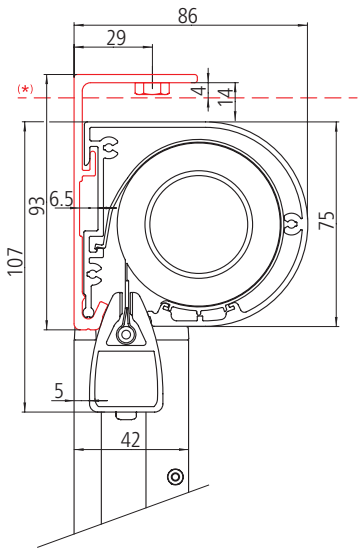


Cassette type 75, square



Cassette type 75, round

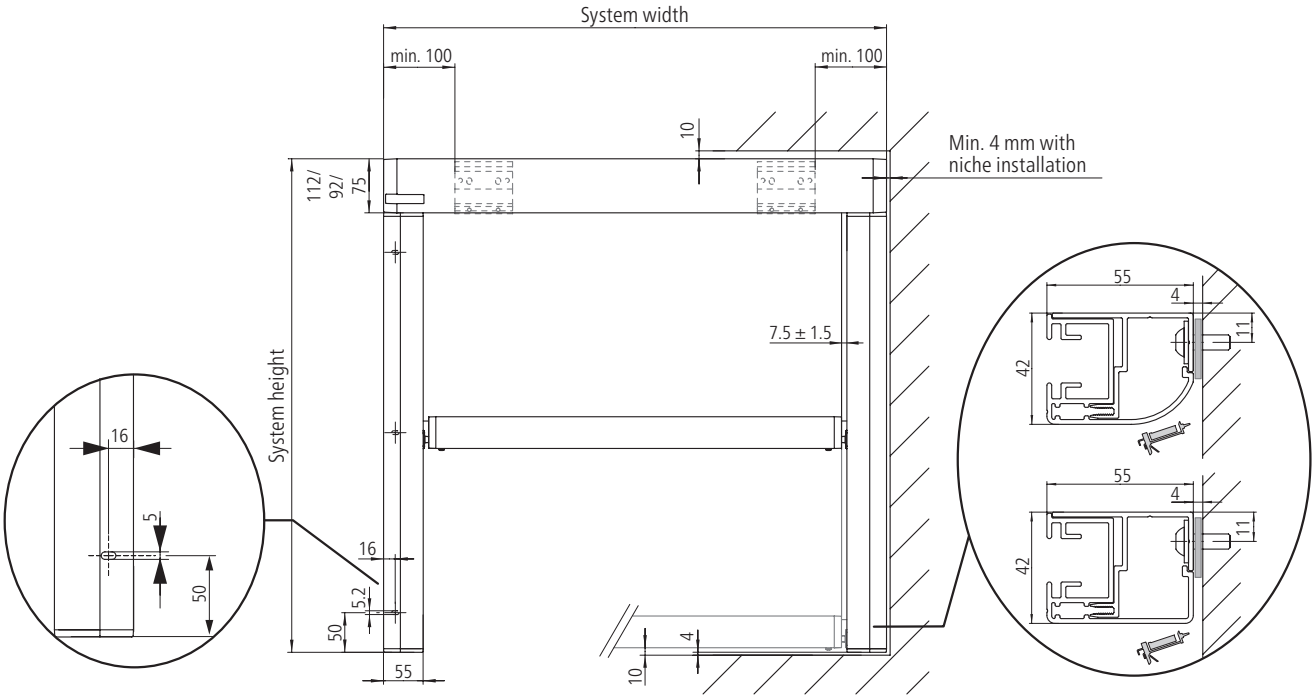
Update

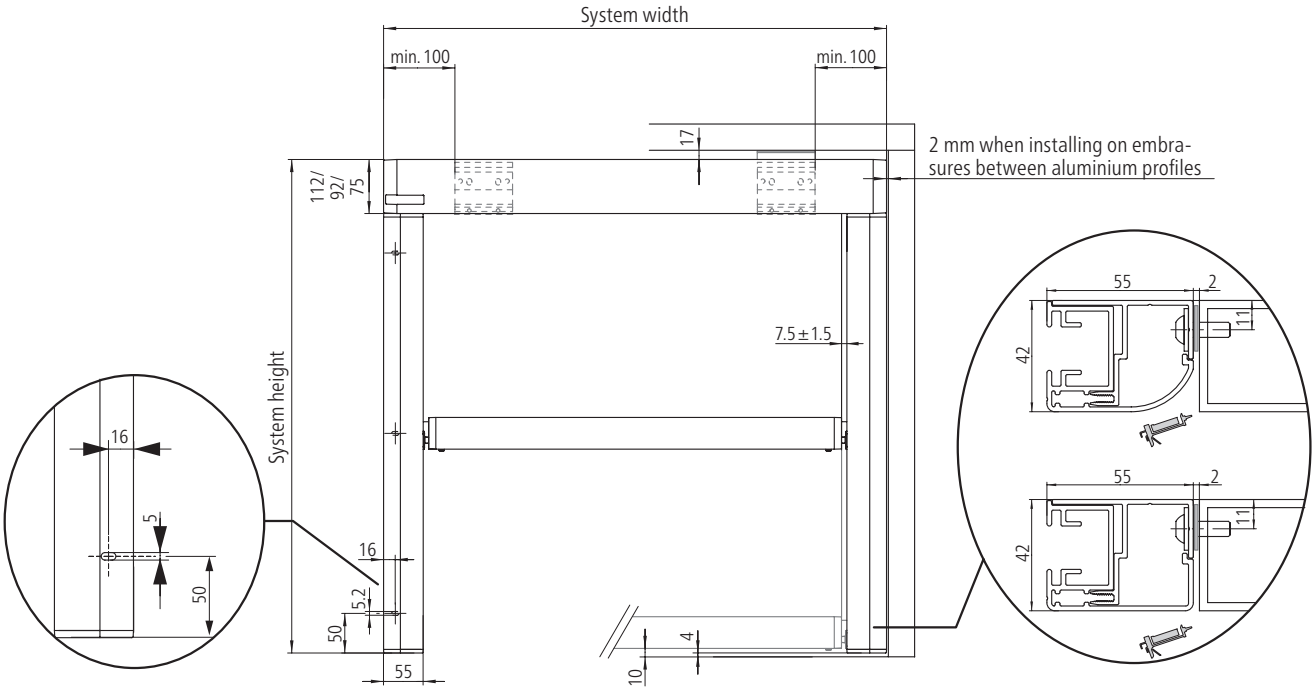


* Required space for installation

VertiTex II Zip /Rail – illustrations

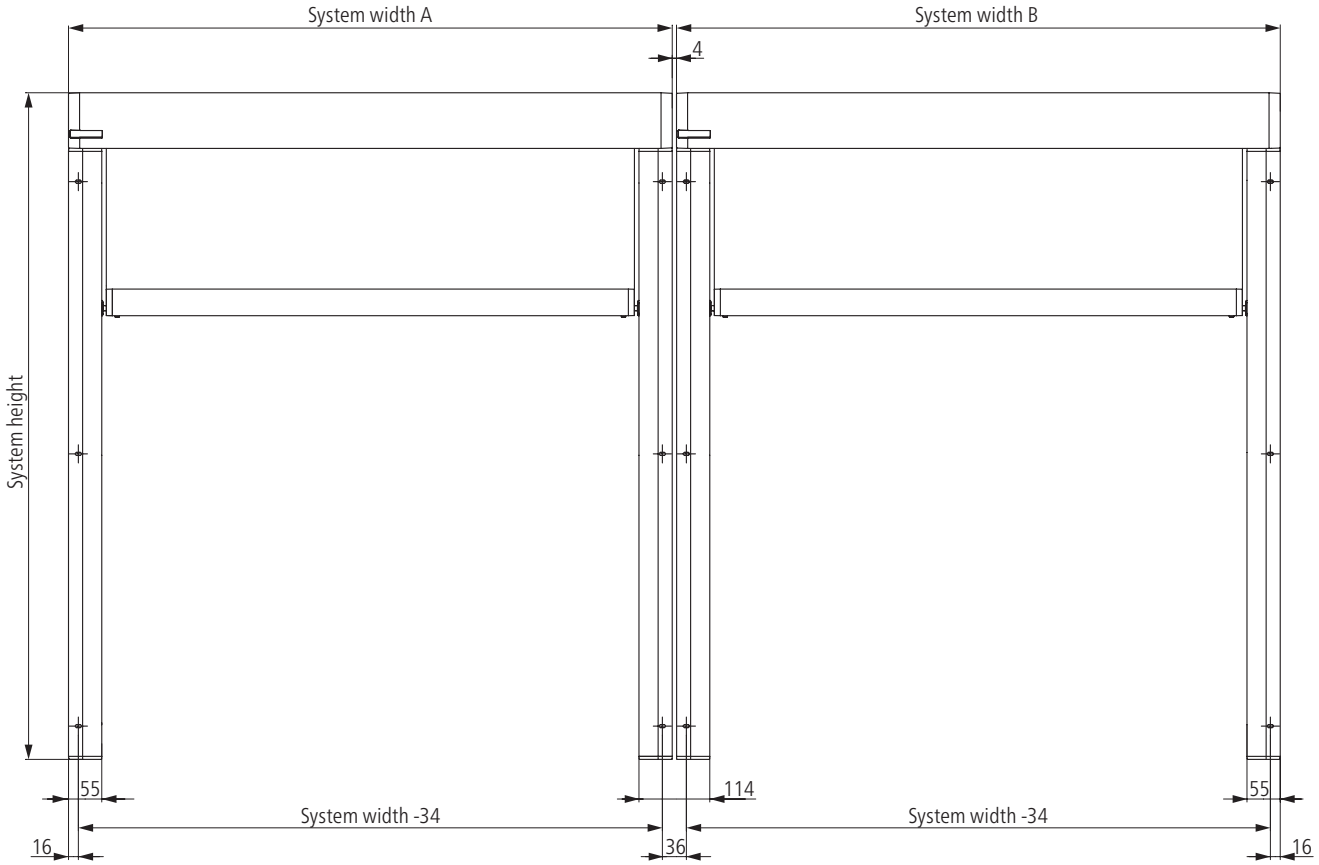
Installation situation for VertiTex II
Zip (cassette type 92 and 112)
Rail (cassette type 75 and 92)
Dimensioning for wall and niche installation.





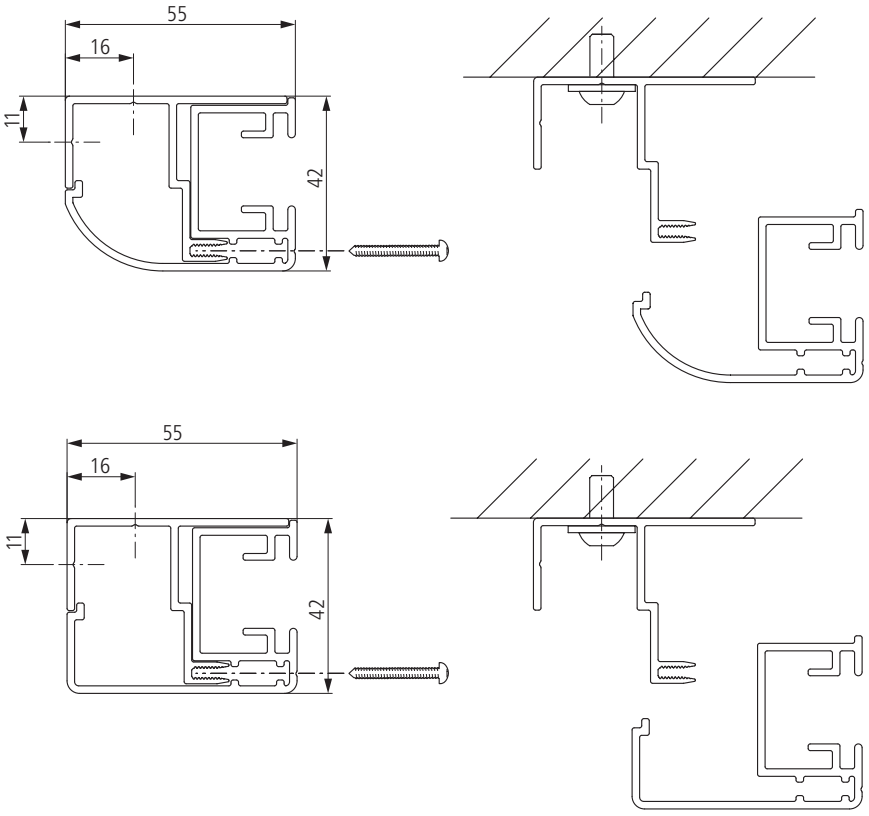
VertiTex II Zip /Rail – illustrations

Determining the system width for installation of multi-section units



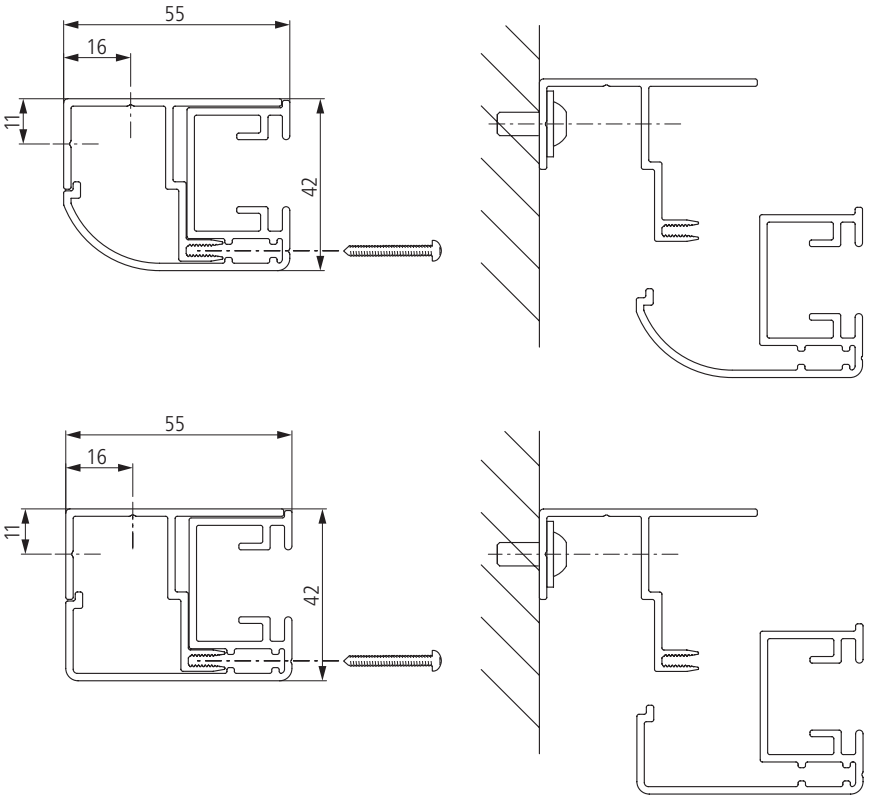
VertiTex II Zip /Rail – cross-sections

Guide rail wall mounting



Drilled holes are provided as standard for wall mounting.

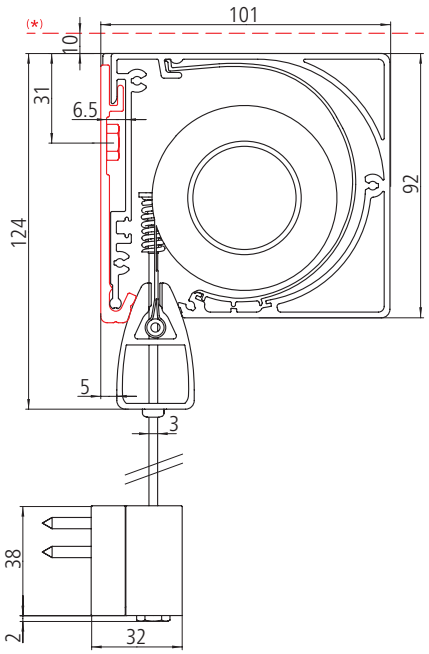
Guide rail niche installation



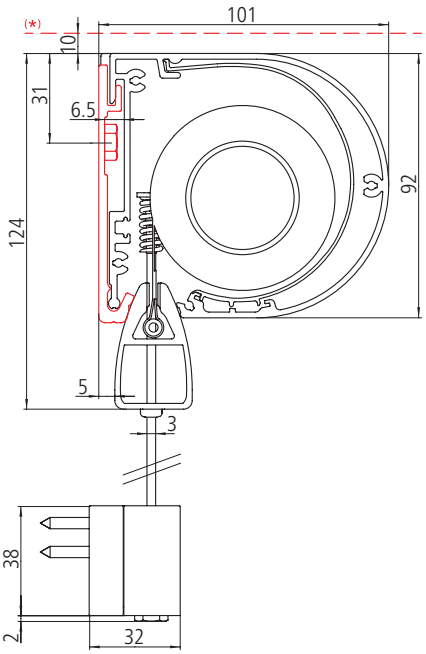
The guide rails can also be ordered without drilled holes for mounting. The drilled holes for niche installation have to be made on site.

VertiTex II Rope – wall mounting

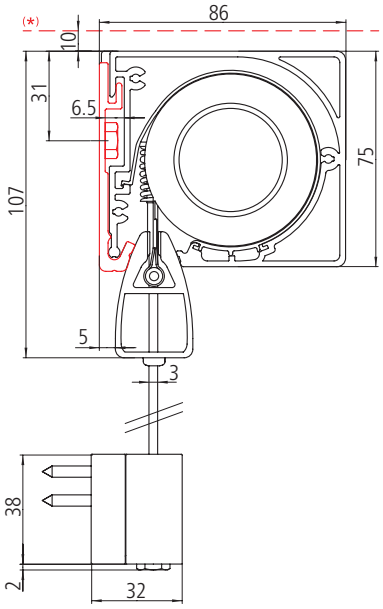
Cassette type 92, square



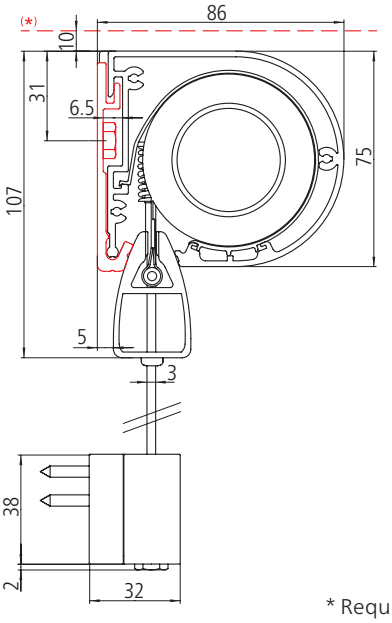
Cassette type 92, round



Cassette type 75, square

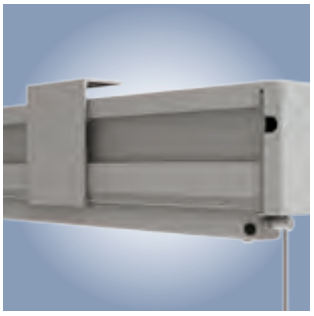


Cassette type 75, round

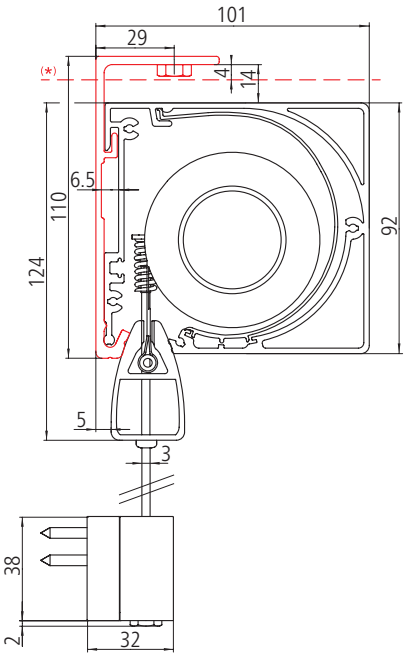


* Required space for installation

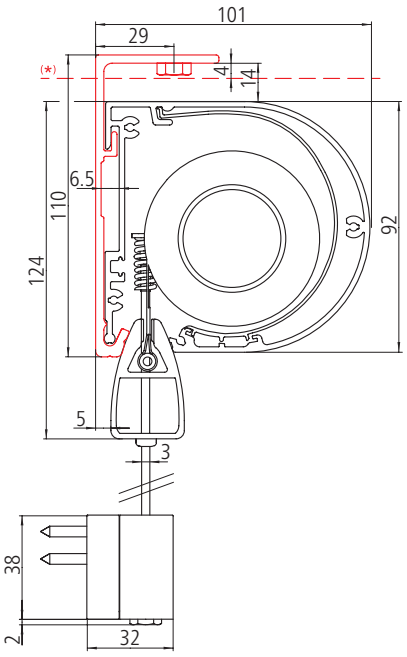
VertiTex II Rope – roof mounting



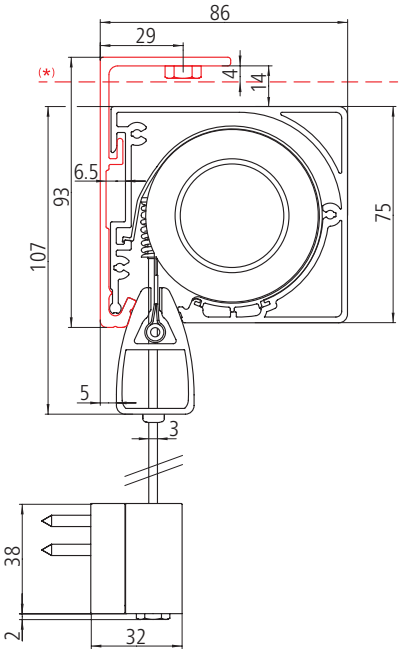
Cassette type 92, square



Cassette type 92, round

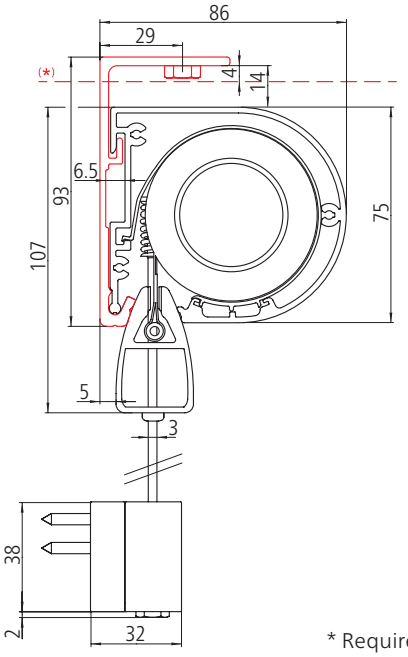


Cassette type 75, square



Cassette type 75, round

Update

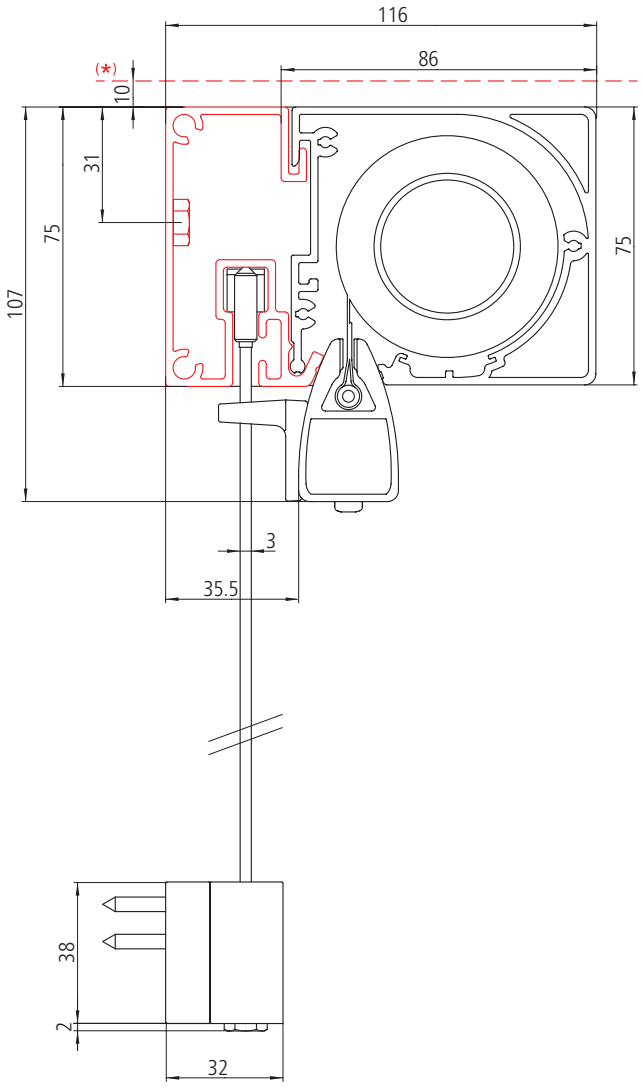


* Required space for installation

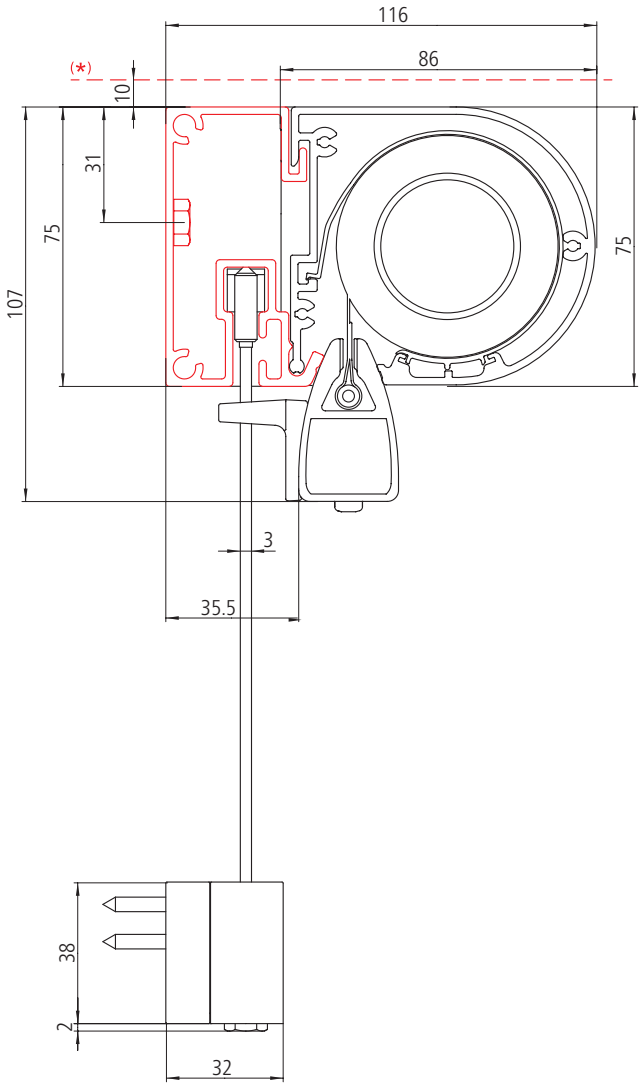
VertiTex II Indented rope – wall mounting

Indented rope guides are only possible with a 75 mm cassette.

Cassette type 75, square

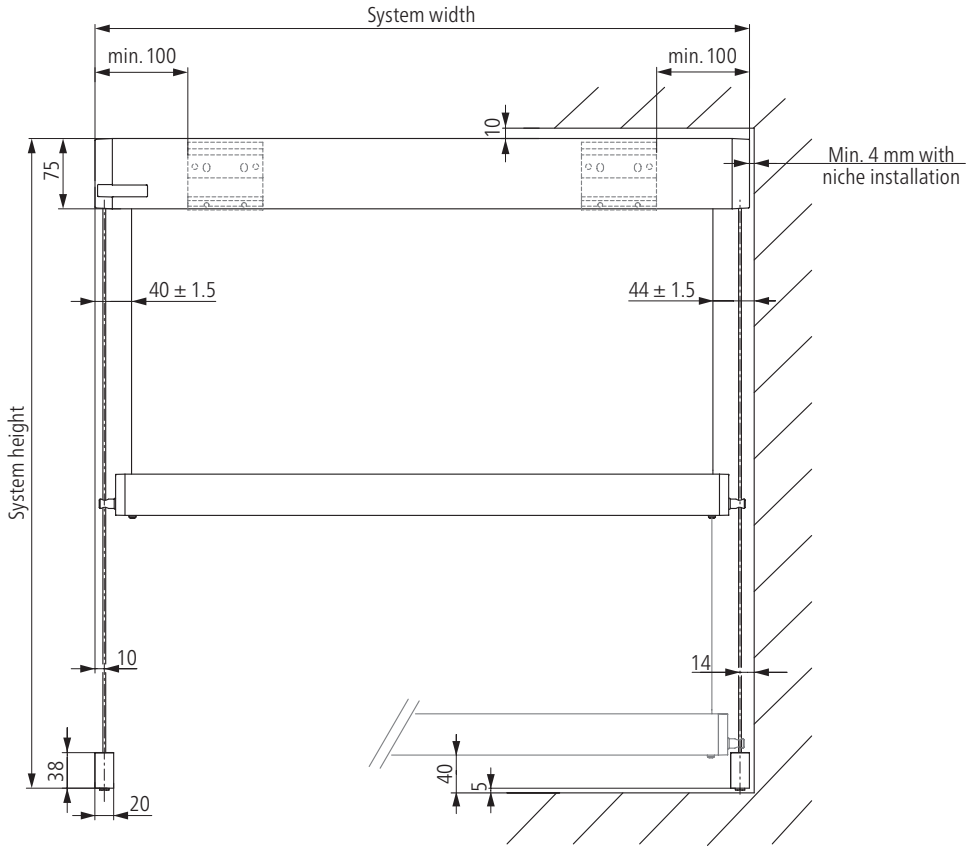


Cassette type 75, round

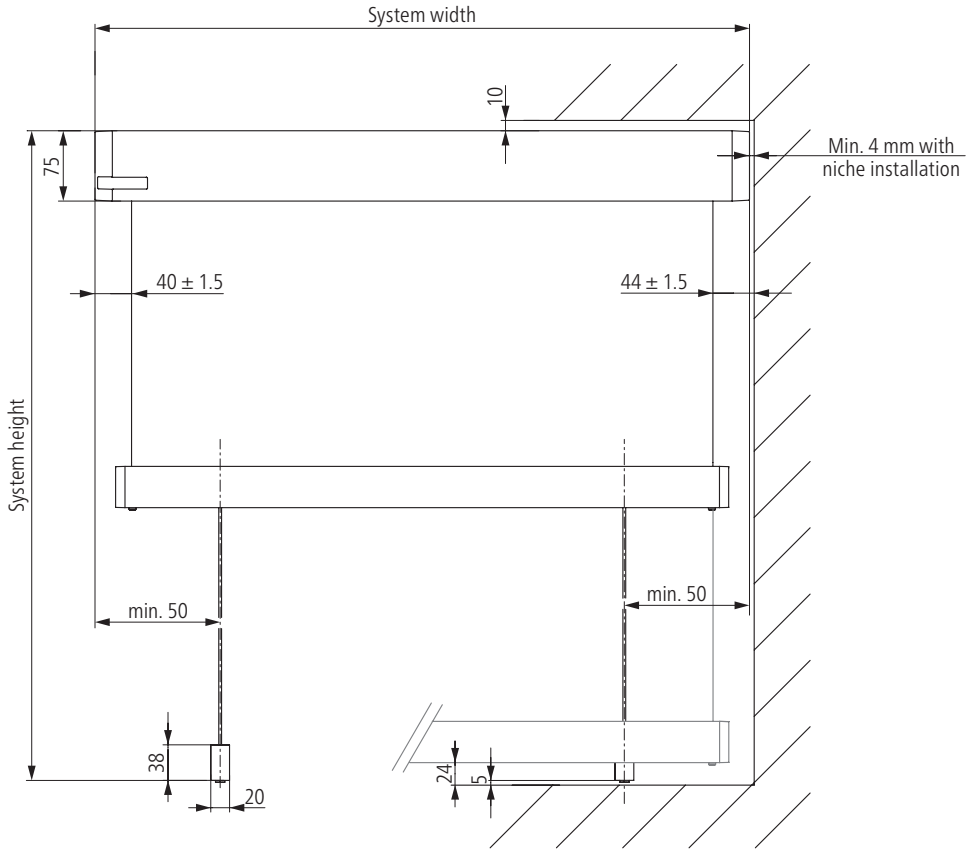


* Required space for installation

VertiTex II Rope – illustrations



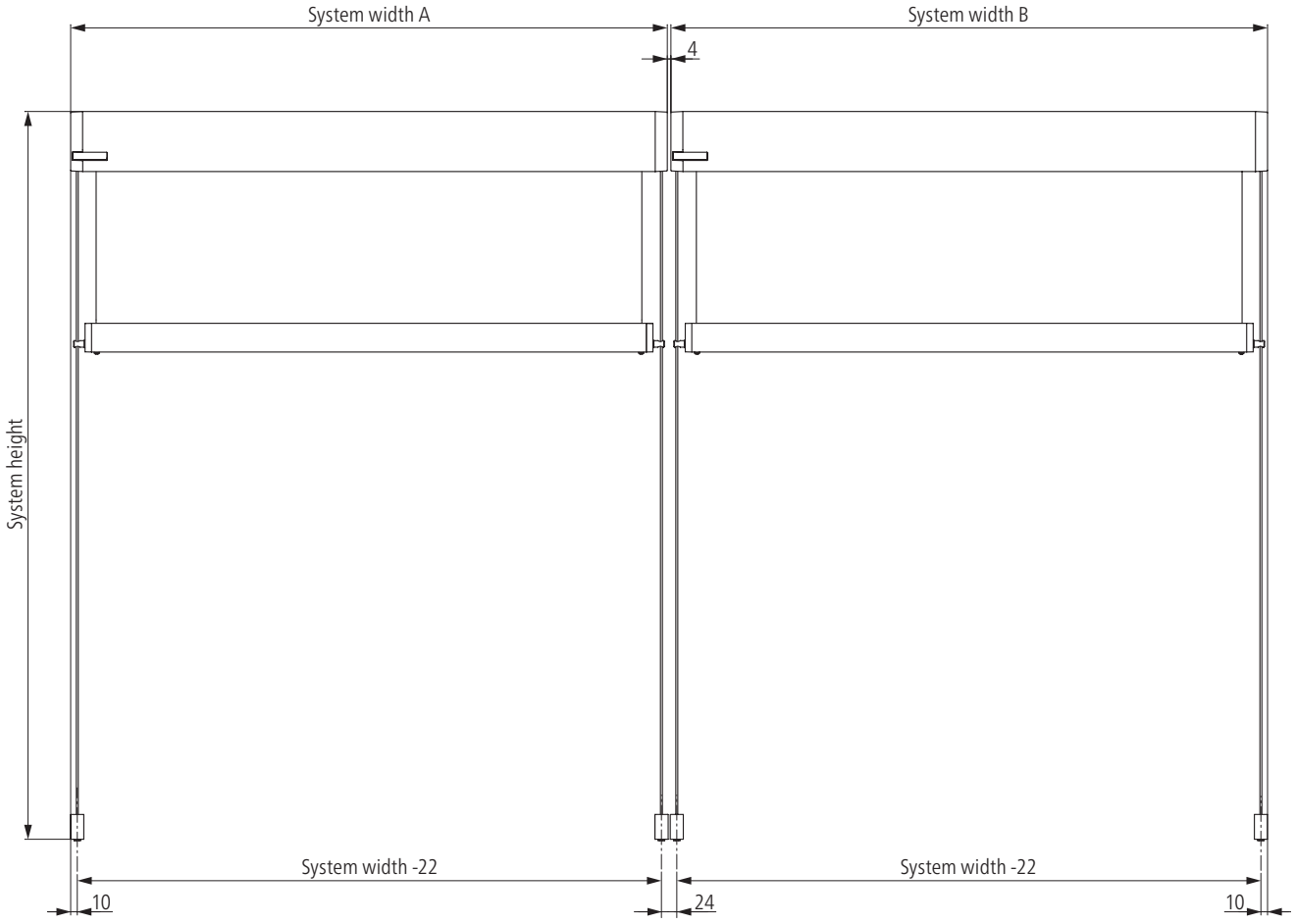
Installation situation for VertiTex II Rope, cassette type 75
for wall and niche installation



Installation situation for VertiTex II indented rope, cassette type 75
for wall and niche installation

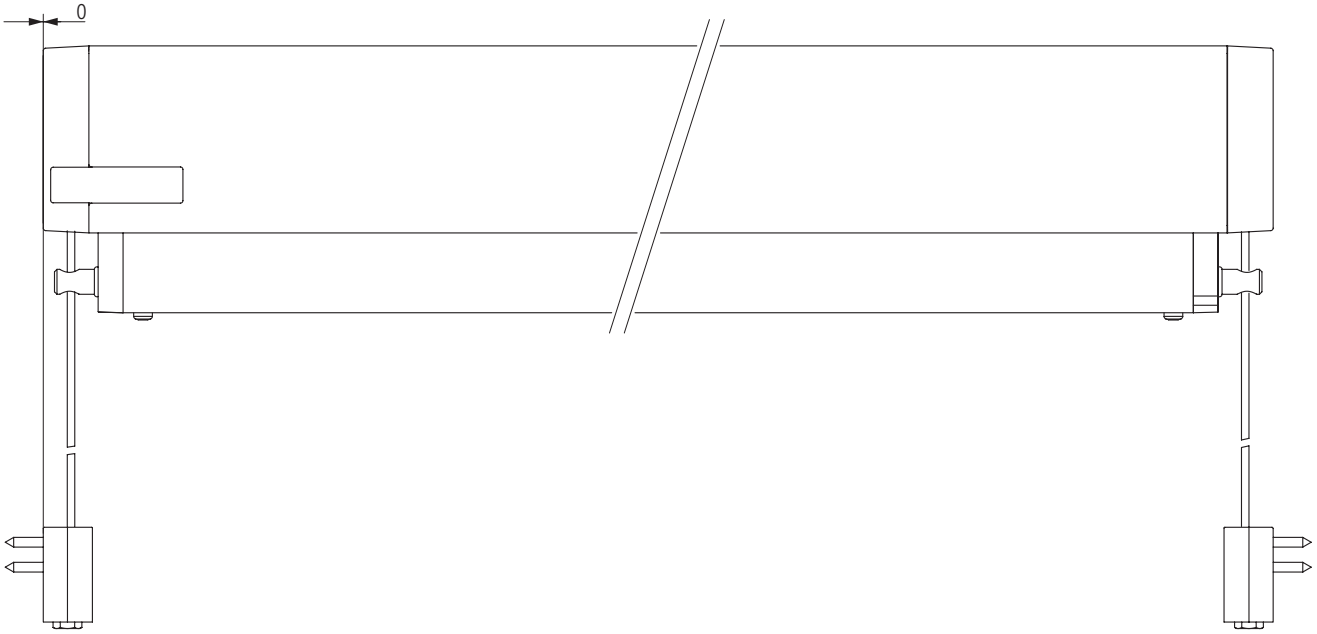
VertiTex II Rope – illustrations

Determining the system width for installation of multi-section units

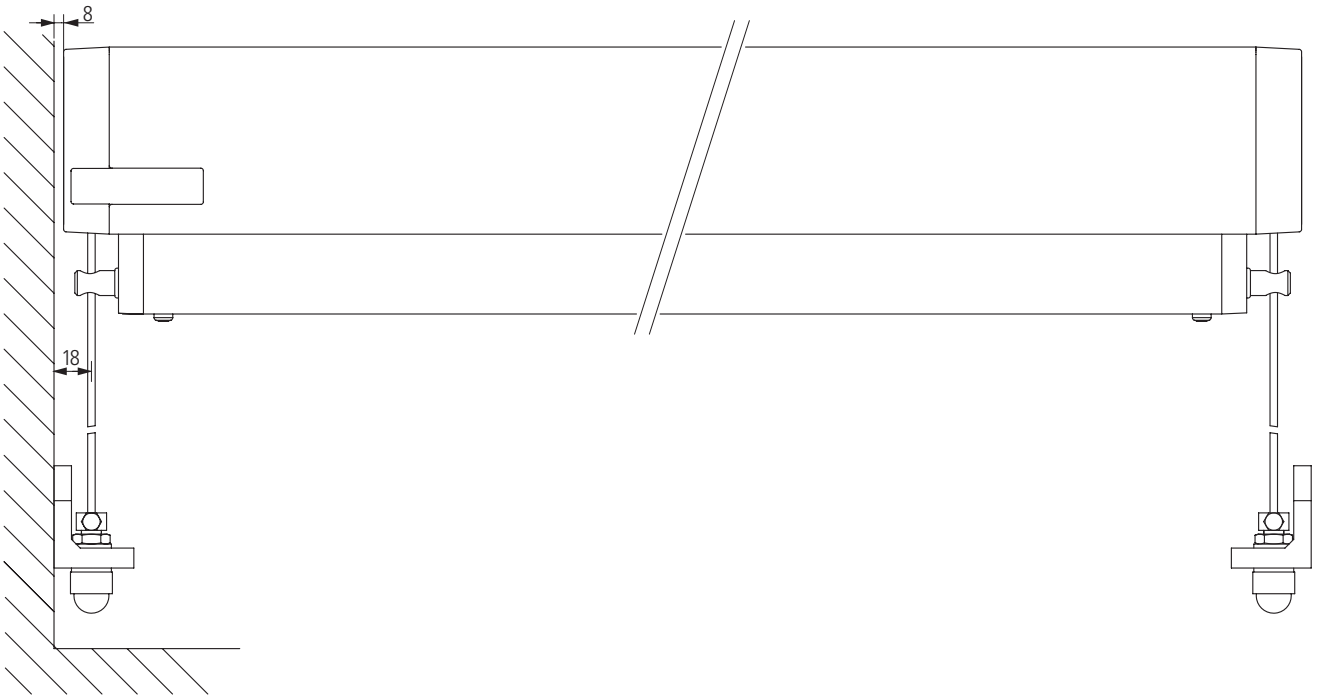


VertiTex II Rope – rope holder in embrasure

Rope holder mounting on side, flush with cassette width
VertiTex 38 x 20 x 20 mm rope holder (120579)



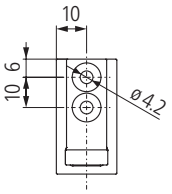
Rope holder mounting on the side with 8 mm offset for expansion joint in the embrasure
Mini VertiTex rope holder (110636)

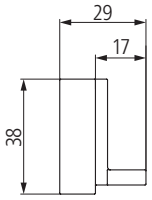


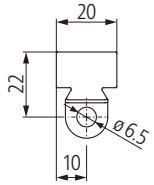
VertiTex II Installation

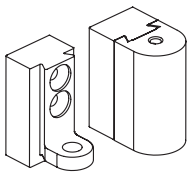
Rope holder for VertiTex II Rope

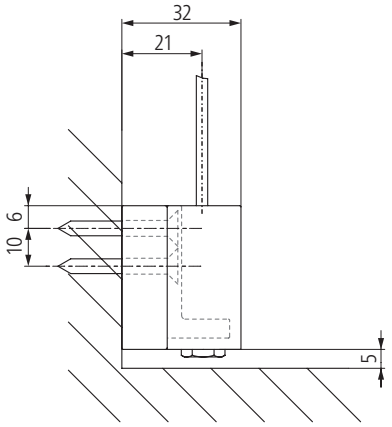
VertiTex 38 x 20 x 32 mm standard rope holder (120578)



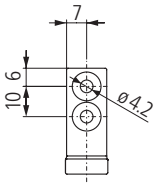


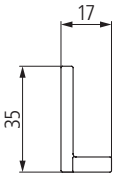


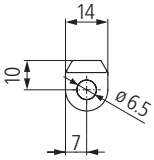


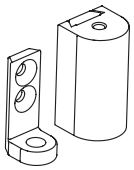


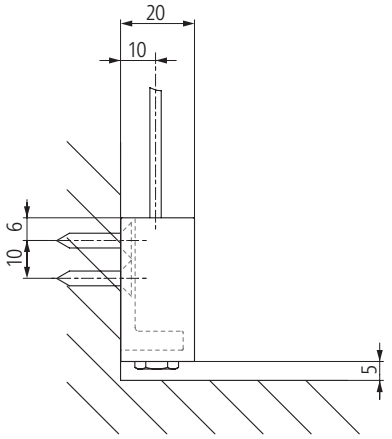
VertiTex 38 x 20 x 20 mm rope holder (120579)



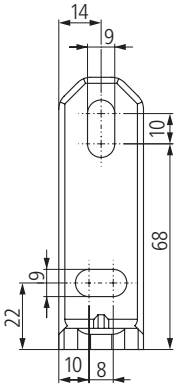


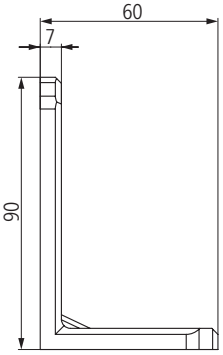


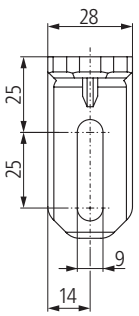


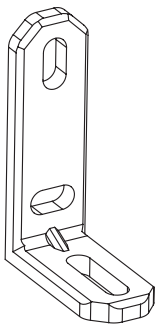


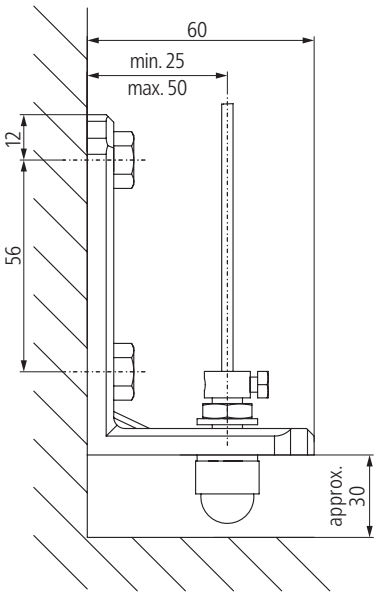
Large rope holder (102008)





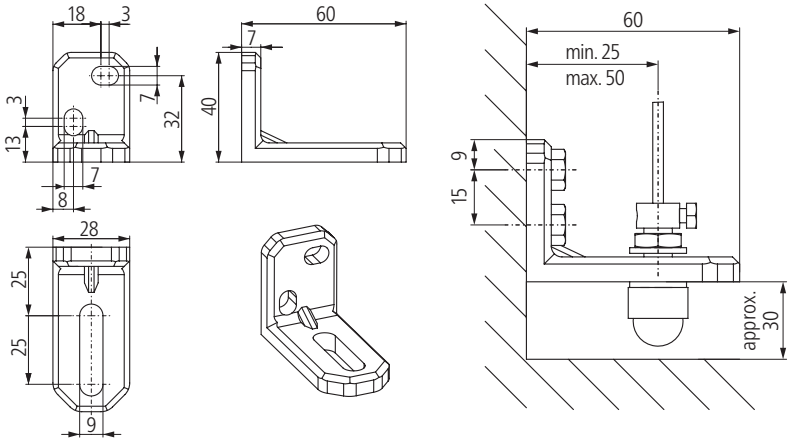




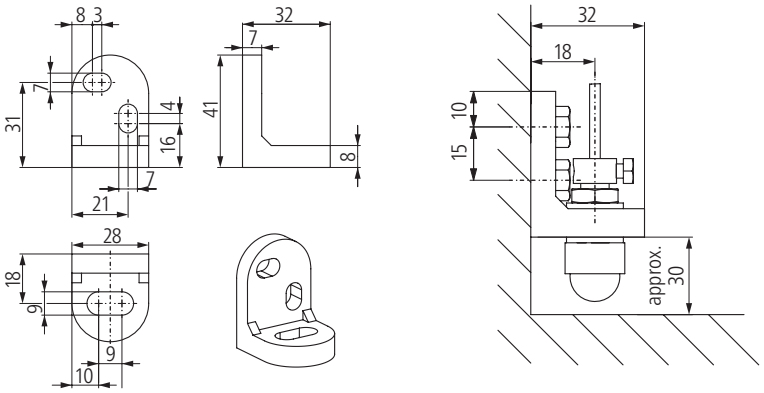


Rope holder for VertiTex II Rope

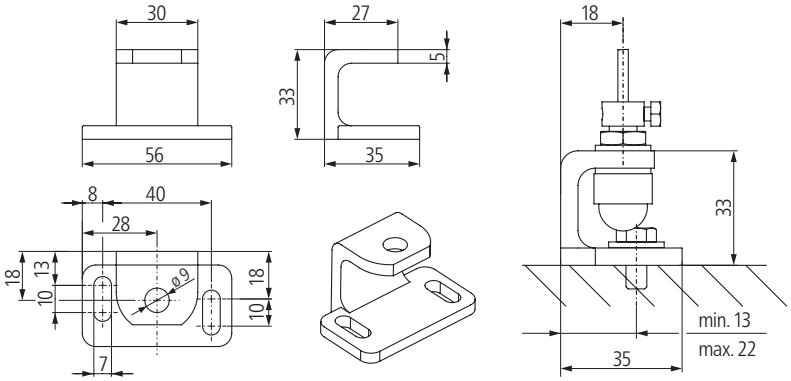
Small rope holder (102007)



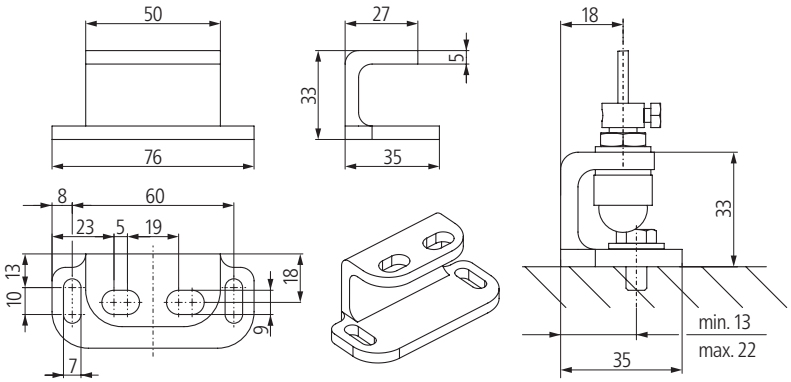
Mini rope holder (110636)



Windowsill rope holder (103189)

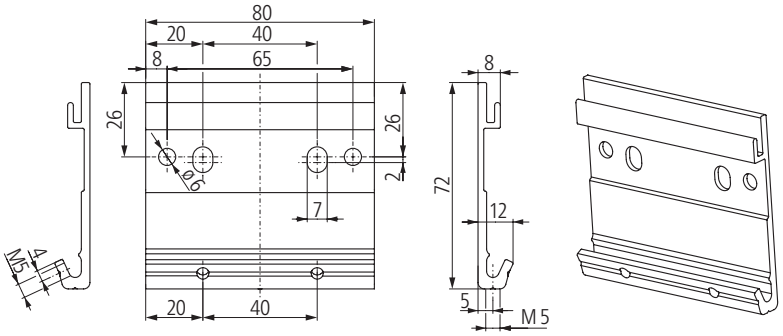


Double windowsill rope holder (110494)

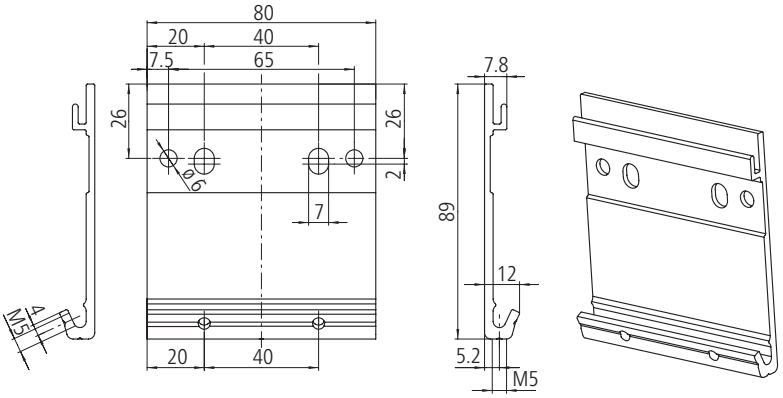


Wall mounting – brackets

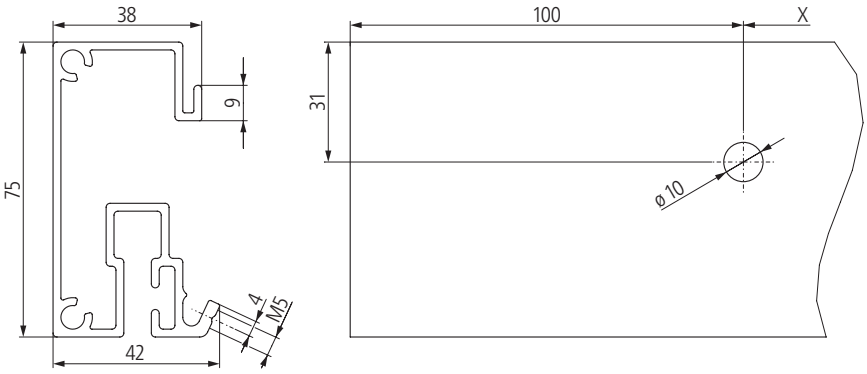
Cassette type 75 wall bracket (121173)



Cassette type 92/112 wall bracket (121174)

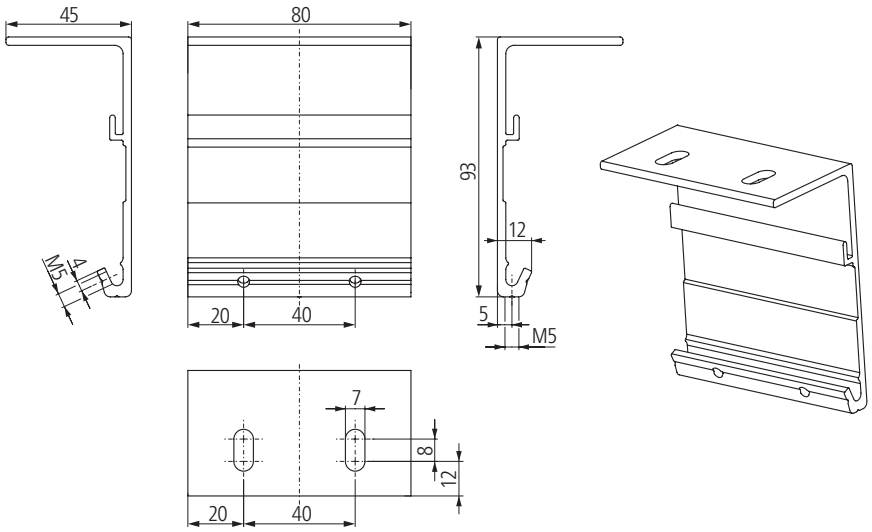


Continuous wall bracket for VertiTex II Indented rope

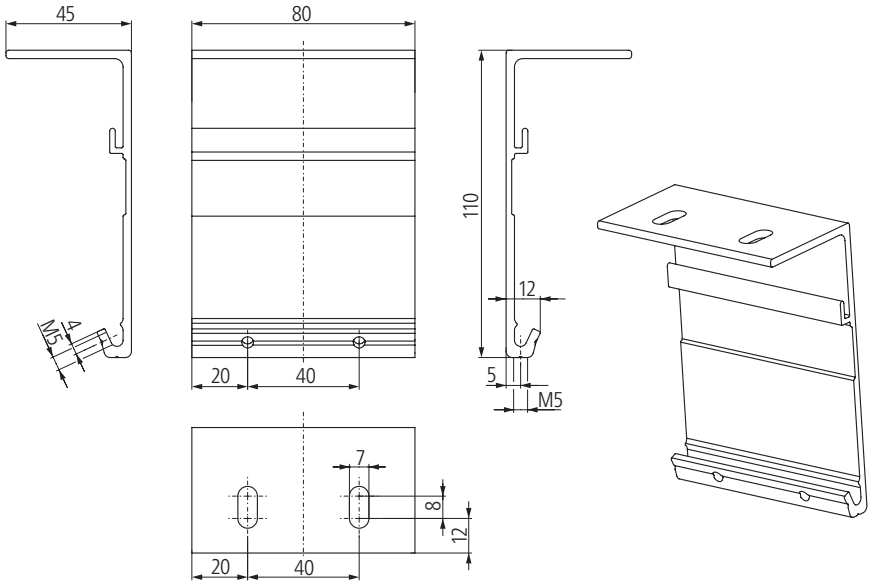


Roof mounting – brackets

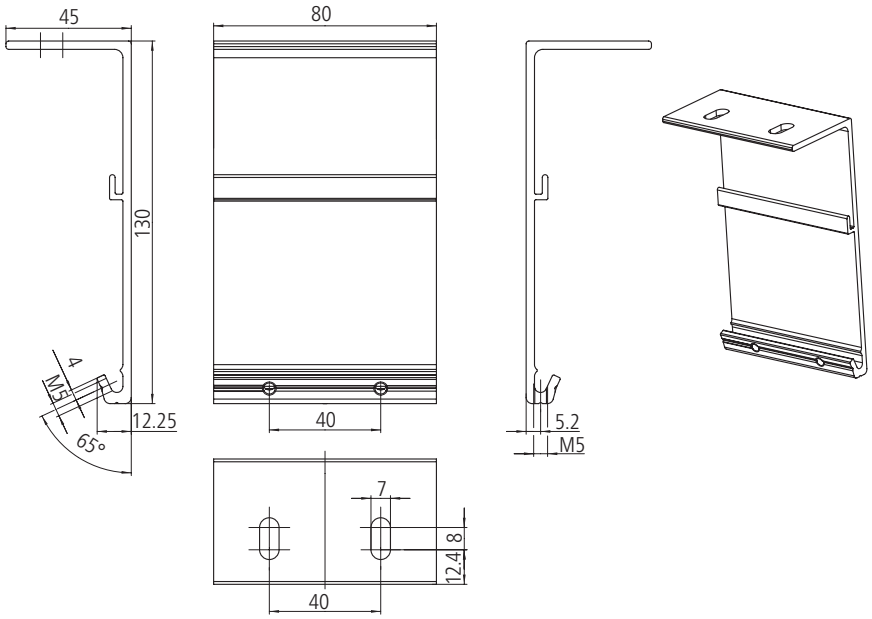
Cassette type 75 ceiling bracket (121175)



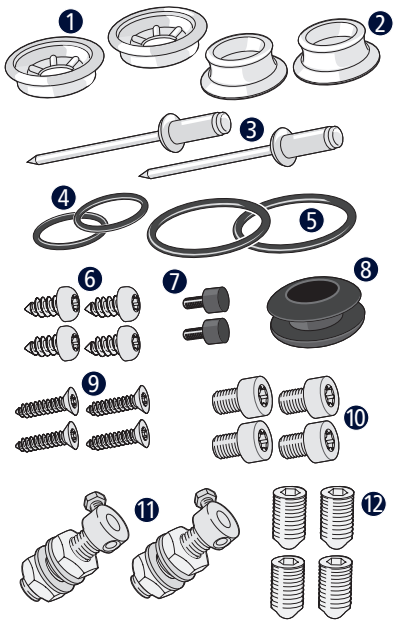
Cassette type 92 ceiling bracket (121176)



Cassette type 112 ceiling bracket (121910)



Small parts replacement set VertiTex II

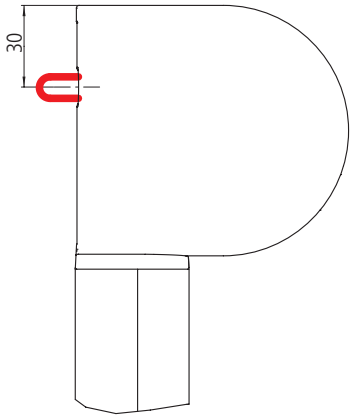


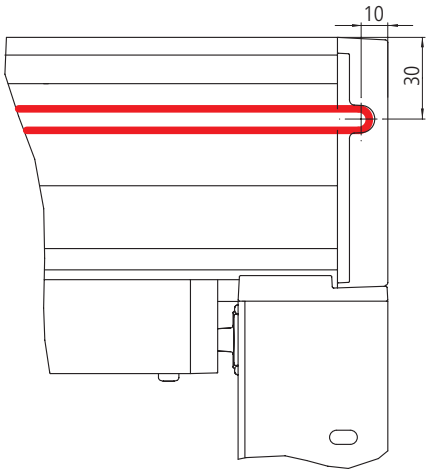
1. 2x button spring part D14, 3 x 4.3 mm
2. 2x button ball part D14, 2 x 4.4 mm
3. 2x blind rivet 4 x 8 x 9 mm
4. 2x o-ring 12 x 8 x 2 mm
5. O-ring 17 x 2 mm
6. Flat self-tapping screw with ISR ST3, 9 x 9.5 mm
7. Buffer
8. 1x cable sleeve 8/10/4 mm
9. Self-tapping countersunk hex head screws ST3, 5 x 16 mm
10. Socket head cap screw with ISR M6 x 8 mm
11. Rope tensioner
12. 4x M5x4 grub screw with hexagon

Small parts replacement set VertiTex II: 125370

Cable outlet versions for Zip/Rail/Rope (indented)

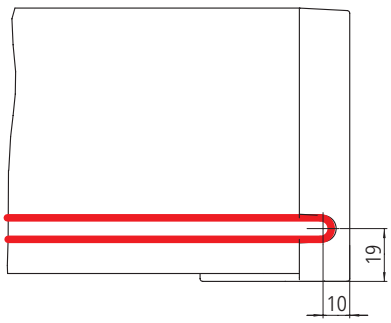
Back-fitted cable outlet

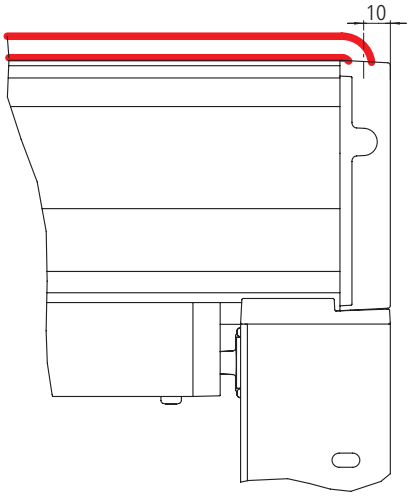




Standard design
Dimensions apply to all cassettes and sizes.

Top-fitted cable outlet





A hole can be drilled in the cap on site
Dimensions apply to all cassettes and sizes.

Premium quality
made in Germany

Awning

Awning
with Valance Plus
and Tempura

AWNINGS

Awning
with Valance Plus
and Paravento

Pergola awning
Plaza Viva
and Paravento

PERGOLA AWNINGS

CUSTOMISED,
SYSTEMISED **SOLUTIONS**

Pergola awning
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and Tempura

Pergola awning
weinor PergoTex II
with VertiTex II

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patio roof
with Sottezza II
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Glasoase® with
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WGM Top and full glass
sliding door w17 easy

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We reserve the right to make technical changes as well as changes in range and product portfolio. For technical reasons, the colours may appear slightly different when printed.

As of: 10/2019 Z

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