



TECHNICAL MANUAL

INTERIOR FABRIC ROLLER BLINDS

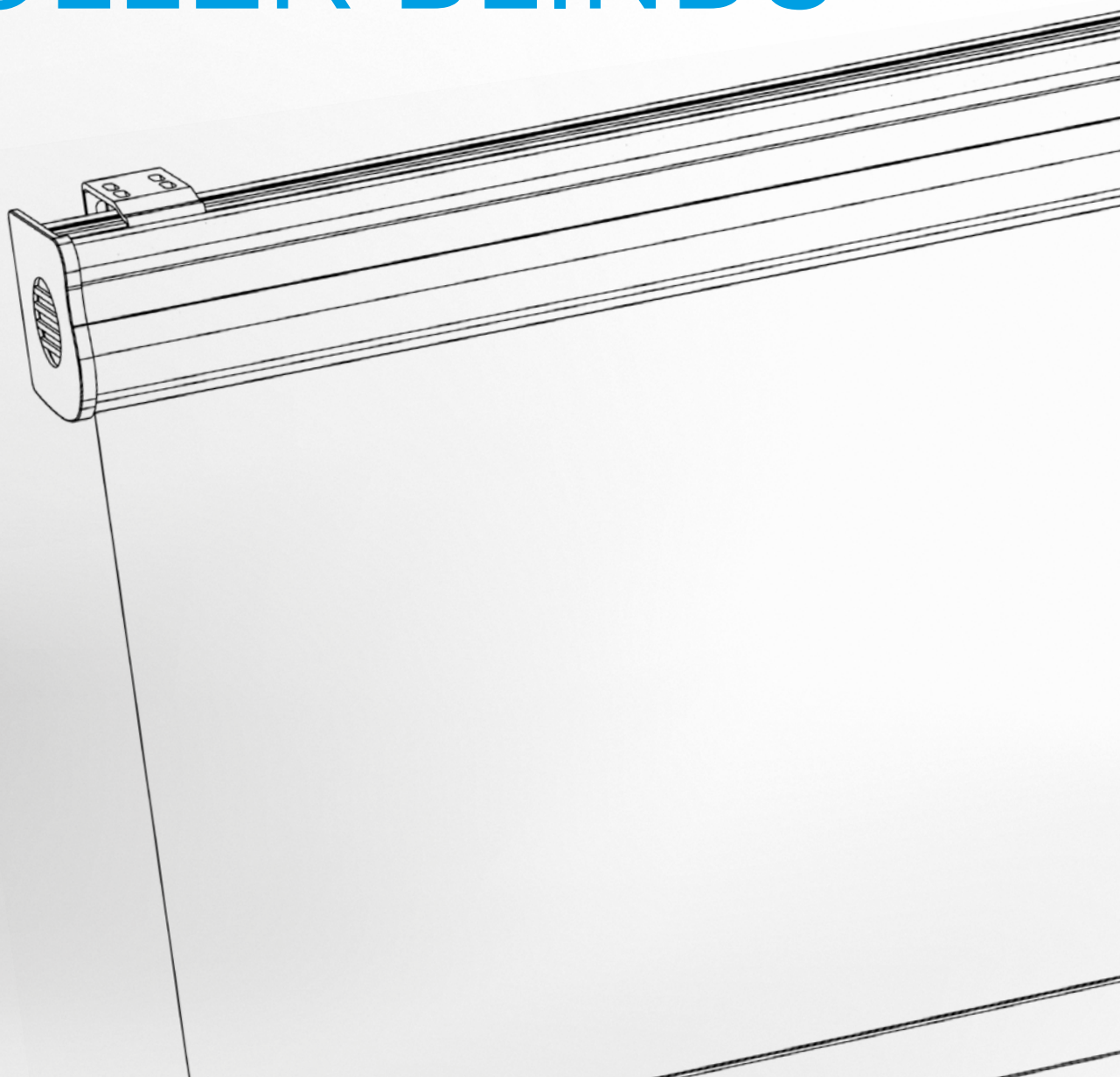


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Products in this assortment group are always measured from the interior.

Due to continuous development of our products, we reserve the right to slight differences in design from the illustrations.

ISOTRA *Quality*

A brand symbolizing years of tradition, innumerable investments into research and development, use of high-quality materials, technological advancement, reliable work of hundreds of employees and many more parameters, which together form one whole - the final product of the company ISOTRA.

Luna

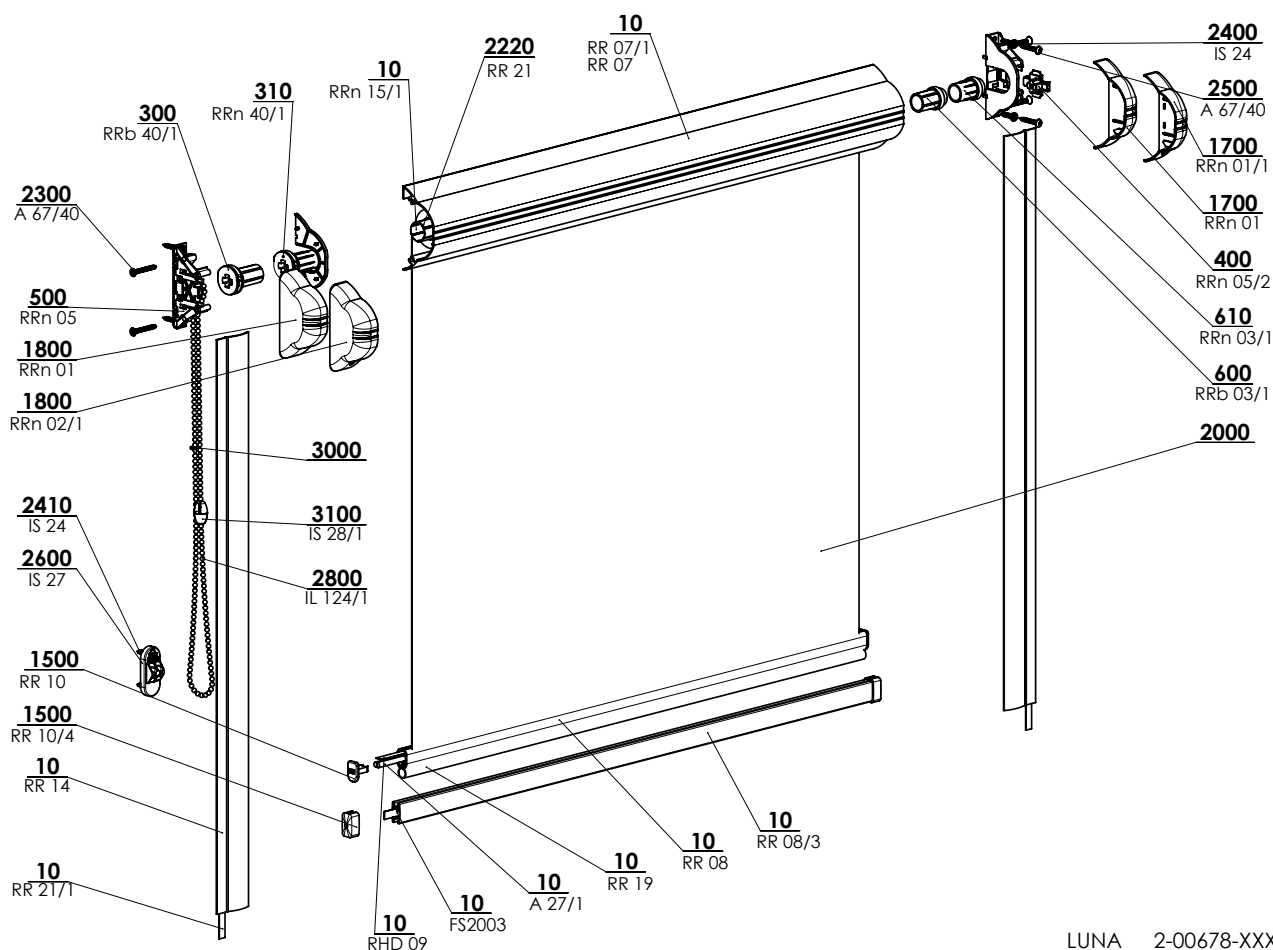


- ▲ Roller blind with aluminium or plastic covering rail.
- ▲ The side guides prevent light penetration along the sides

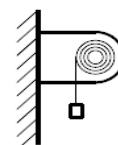
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Luna Interior Roller Blind

Basic Product Specification



LUNA 2-00678-XXXX-E



A - winding towards window (standard)

Manual control

Thin chain $\varnothing$ 3.2 for raising and dropping roller blind (colour matching profile colour).

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant. Minimum length of control for roller blind with the fabric day-night equals the height of roller blind.

Specification

	Thin tube	Head rail		Bottom profile for classic design		Guidance
						Guiding channel flat
Trade name Dimensions (mm) Material	RRn 15/1 $\varnothing$ 15 Fe	RR 07 66 x 35 x 1 Al	RR 07/1 66 x 35 x 1 PVC	RR 08 10 x 15 Al	RR 08/3 8 x 16 Fe	RR 14 33,5 x 4 x 1 Al
Color		Standard: RAL 8014 brown, RAL 9003 white Extra charge: RAL 9006 silver, RAL 8004 chestnut, RAL 1002 beige, RAL 1015 ivory				

Standard dimensions

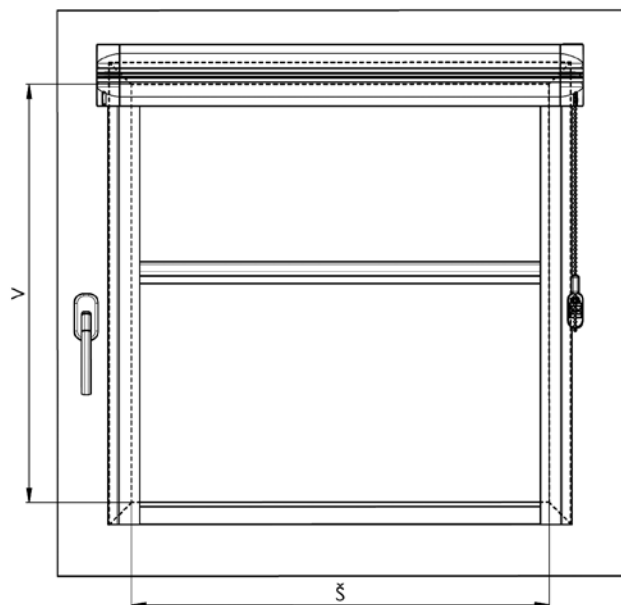
Width (mm)		Height (mm)		Max. guaranteed area (m ²)
min.	max.	min.	max.	max.
300	1400	300	1700	1,5

Luna (2-00678-0001)

Position	Item name	Abbreviation	Drawing number
10	Head rail - Al	RR 07	7-300212-xxxx
10	Flat wire Fe/Zn	A 27/1	6-000144-0000
10	Plastic tape 6mm	RHD 09	6-001294-0000
10	Bottom rail rubber seal	RR 19	6-001307-xxxx
10	Adhesive tape, double	RR 21/1	6-001311-0000
10	Ensuring ribbon 8x0,4mm	FS2003	6-017815-0000
10	Tube Fe 15mm with tape	RRn15/1	6-011145-0000
10	Bottom rail Fe	RR 08/3	6-011146-xxxx
10	Bottom rail Al	RR 08	3-00213-8014
10	Guide rail flat profile - Al	RR 14	7-300214-xxxx
300	Control - tube 15	RRb40/1	2-00825-0000
310	Control	RRn40/1	2-00679-0000
400	Driving	RRn05/2	3-01870-0000
500	Board	RRn05	3-01869-0000
600	Driving case (Fe tube 15)	RRb03/1	3-01983-0000
610	Driving case	RRn03/2	3-01874-0000
1500	Bottom Al rail cover	RR 10	3-00209-xxxx
1500	Bottom rail cover	RR 10/4	6-011132-xxxx
1700	Cover R	RRn01/1	3-01872-xxxx
1700	Cover complete	RRn01	3-01974-xxxx
1800	Cover L	RRn02/1	3-01871-xxxx
1800	Cover complete	RRn01	3-01974-xxxx
1200	Fabric		see Fabric swatch
2220	Adhesive tape, double	RR 21	6-001310-0000
2300	Screw 3,5x25 mm	A 67/40	6-010717-0001
2400	Screw 3,5x12 mm	IS 24	6-000965-0001
2410	Screw 3,5x12 mm	IS 24	6-000965-0001
2500	Screw 3x25 mm	A 67/40	6-010717-0001
2600	Chain holder	IS 27	2-00004-xxxx
2800	Chain - thin	IL 124/1	6-000957-xxxx
3000	Chain connector	IS 28	3-00047-xxxx
3100	Chain connector	IS 28/1	2-01039-xxxx

Luna Interior Roller Blind

Measurement and Assembly Manual



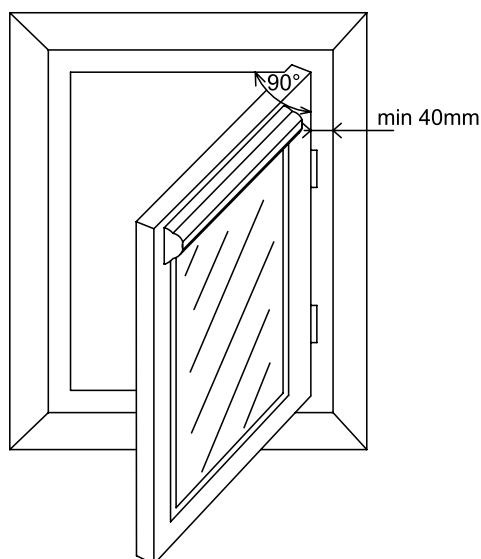
1. Assembly in window wings:

Ordering dimensions (dimensions of finished roller blind):

roller blind width W = width from left top of glazing bar to right top of glazing bar, at the attachment point of the roller blind. In the case of windows with a square glazing bar the roller blind width is equal to the width of the glass pane, including the rubber or silicone seal. In case of off set or otherwise shaped glazing bars the measurement should be consulted.

roller blind height H = the height from the top of the glazing bar to the bottom of the glazing bar.

Note: In the case of the off set LUNA roller blind the total dimensions of the roller blind is specified including the top section, side plates with covers.



Note:

In order to be able to open the window to 90°, the minimum distance between the window wing frame and window lining must be 40 mm.

Luna Interior Roller Blind

Measurement and Assembly Manual

Note: For installation of the Luna roller blind the minimum depth of the glazing bar is 14 mm.

Tools for Assembly:

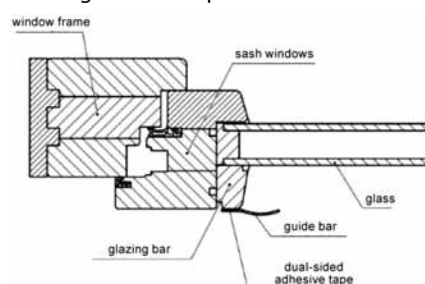
- tape measure
- drill, drill bits
- bits PZ1, PZ2
- pencil, cutter, scissors
- degreasing agent (soapy water, technical benzene, etc.)

	Installation of side plate R+L	Attachment of top section	Attachment of chain mechanism
screw	3 x 12	3 x 20	3,9 x 16
drill Ø	2 mm	–	3 mm

Assembly:

- Remove the side covers of the roller blind RRn 02/1 and RRn 01 (left control), by pulling towards yourself.
- Place the roller blind onto the window wing and check that it fits the window width. Check that the blind control elements are on the correct side, we recommend marking the position of the screws, using the openings in both side plates, onto the glazing bar of the window wing; take care that the roller blind is horizontal!
- We recommend you check the quantity and type of supplied screws and pre-drill four holes for attaching the roller blind using a thin drill bit.
- Using the supplied screws attach the roller blind to the glazing bars on the left side and also on the right side. In case of off set or otherwise shaped glazing bars it is necessary to place distance washers under the roller blind and guide bars (not included in delivery).
- Using the supplied screws attach the roller blind to the glazing bars on the left side and also on the right side. In case of off set or otherwise shaped glazing bars it is necessary to place distance washers under the roller blind and guide bars (not included in delivery).
- If screws cannot be used to attach the roller blind, attach double-sided adhesive tape along the entire length of the top section RR 07, as well as on the bottom surfaces of both side plates, and attach the roller blind to the window which must be thoroughly cleaned and degreased.
- Place the side covers back onto the roller blind.
- Installation of guide bars:
Check the correct length of the guide bars, remove the protective layer from the double-sided adhesive tape and attach the guide bars to a thoroughly cleaned and degreased glazing bar according to the diagram below.

- Setting bottom stop:

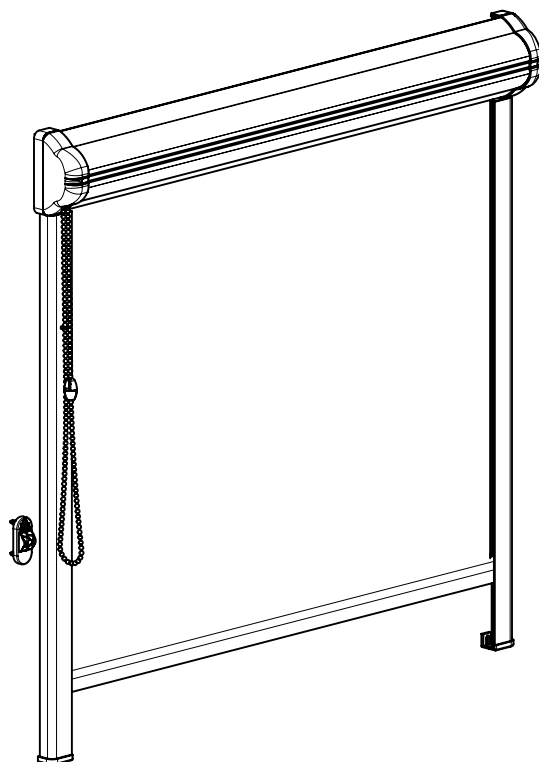
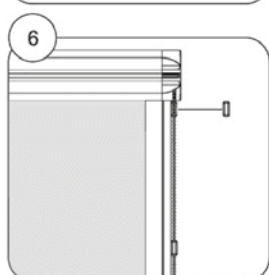
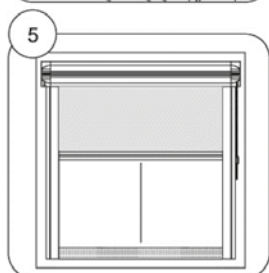
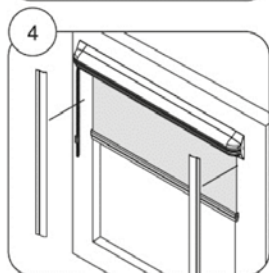
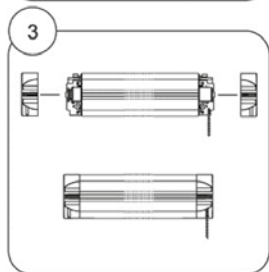
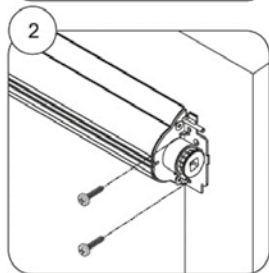
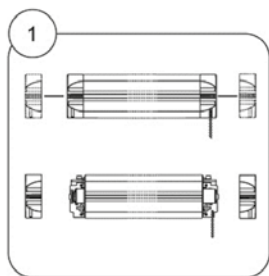


- Drop the blind to the bottom position and attach the chain coupling IS 28 to the chain so that it touches the top side cover and close the coupling with an audible click. Screw tight the chain arrester.

Luna Interior Roller Blind

Measurement and Assembly Manual

The Roller blind is installed according to norm about security elements EN 13120.



Nemo

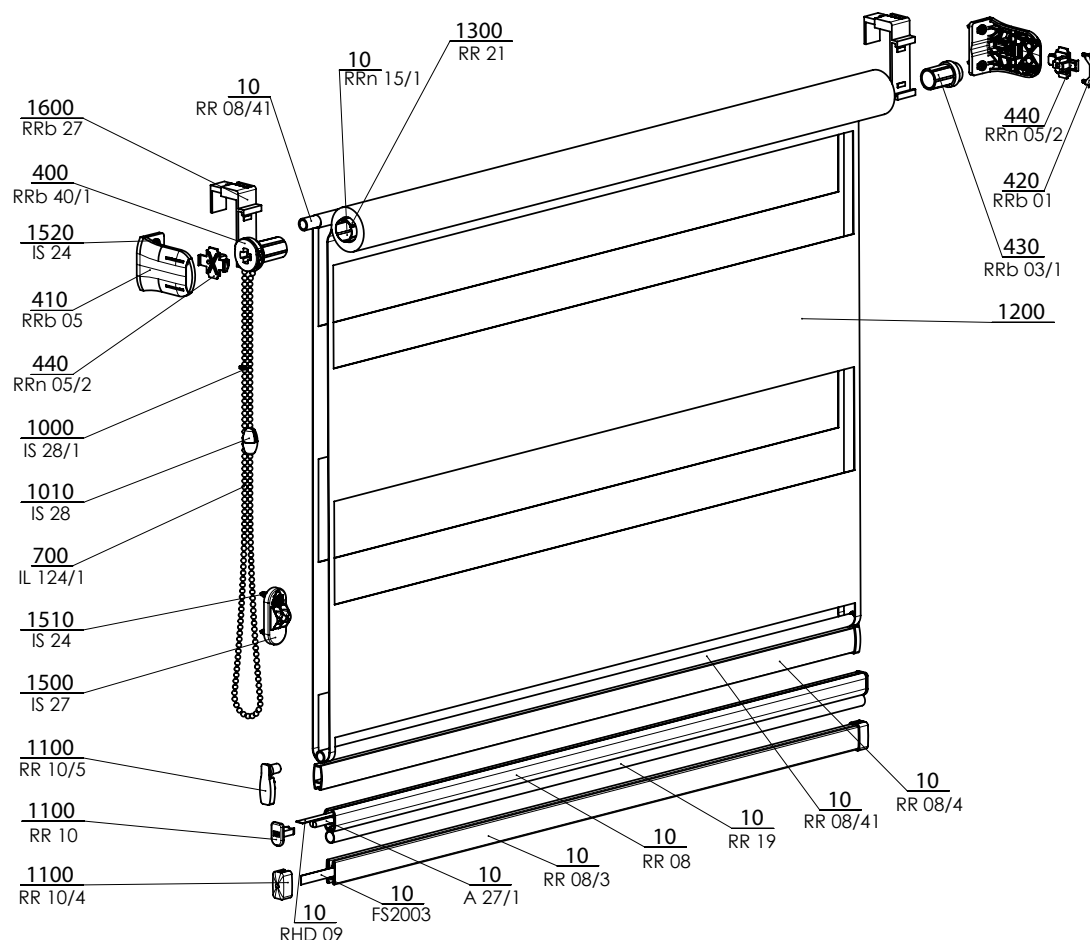


- ▲ Roller blind on side consoles without cover profile
- ▲ Available with classic fabric or day/night fabric
- ▲ Simple design and white colour of components
- ▲ Easy control by chain
- ▲ Assembly on side consoles or suspension on the window frame (without drilling)

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Nemo Interior Roller Blind

Basic Product Specification



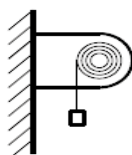
NEMO 2-00820-XXXX-C

Manual control

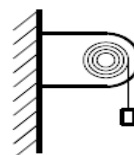
Thin chain $\varnothing$ 3.2 for raising and dropping roller blind (colour matching profile colour).

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant. Minimum length of control for roller blind with the fabric day-night equals the height of roller blind.

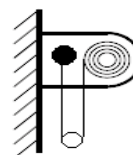
A - winding towards window (standard)



B - winding away from window



C - winding towards window (day-night)



Specification

	Thin tube	Bottom profile for classic design			Bottom profile for day-night design
Trade name	RRn 15/1	RR 08/4	RR 08	RR 08/3	RR 08/4 + tube RR08/41
Dimensions (mm)	$\varnothing$ 15	8 x 16	10x15	8 x 16	8 x 16 + $\varnothing$ 8
Material	Fe	Al	Al	Fe	Al + Fe tube
					
Color		RAL 9003 white			

Brake	Atypical	Assembly
standard	no	onto wing onto side brackets onto wing using hangers (no drilling)

Plastic components in white colour.

Due to the development of the product, it is possible to adapt the product.

Standard dimensions

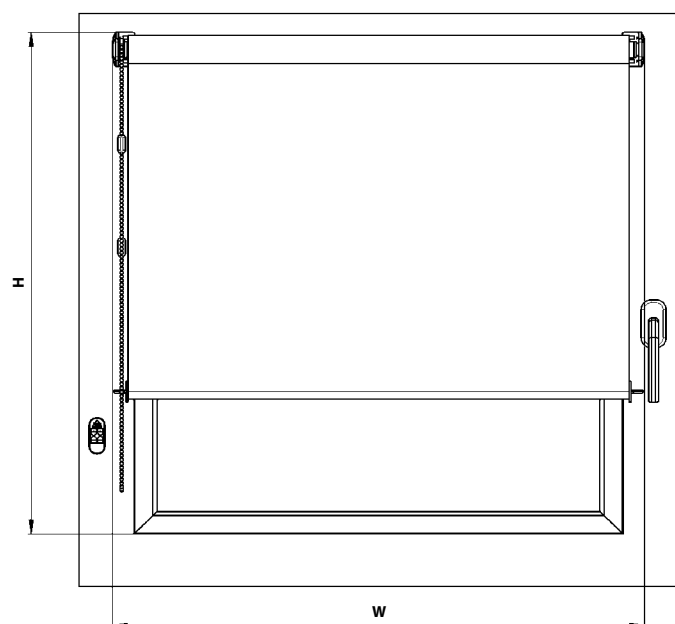
Width (mm)		Height (mm)		Max. guaranteed area (m ²)
min.	max.	min.	max.	max.
300	1400	300	1700	1,5

Nemo (2-00820-0001)

Position	Item name	Abbreviation	Drawing number
10	Flat wire Fe/Zn	A 27/1	6-000144-0000
10	Plastic tape 6mm	RHD 09	6-001294-0000
10	Bottom rail rubber seal	RR 19	6-001307-9010
10	Ensuring ribbon 8x0,4mm	FS2003	6-017815-0000
10	Tube Fe 15mm with tape	RRn15/1	6-011145-0000
10	Bottom rail Fe	RR 08/3	6-011146-xxxx
10	Bottom rail Al	RR 08/4	6-011162-9010
10	Tube Al	RR 08/41	6-011163-9010
10	Bottom rail Al	RR 08	3-00213-8014
400	Rollite control - tube 15	RRb40/1	2-00825-0000
410	Rollite bracket	RRb05	3-01980-9010
420	Rollite bracket cover	RRb01	3-01981-9010
430	Driving case (Fe tube 15)	RRb03/1	3-01983-0000
440	Driving	RRn05/2	3-01870-0000
700	Chain - thin	IL 124/1	6-000957-xxxx
1000	Chain connector	IS 28	3-00047-9010
1010	Chain connector	IS 28/1	2-01039-9010
1100	Bottom Al rail cover - 9006	RR 10	3-00209-9006
1100	Bottom rail cover	RR 10/4	6-011132-xxxx
1100	Weight cover - Day/Night	RR 10/5	6-011164-9010
1200	Fabric		see Fabric swatch
1300	Adhesive tape, double	RR 21	6-001310-0000
1500	Chain holder	IS 27	2-00004-9010
1510	Screw 3,5x12	IS 24	6-000965-0001
1520	Screw 3,5x12	IS 24	6-000965-0001
1600	Top bracket (set) - screwless	RRb27	6-011147-9010

Nemo Interior Roller Blind

Measurement and Assembly Manual



Assembly onto window wing:

Ordering dimensions (dimensions of finished roller blind):

Roller blind width W = actual width including control mechanism and side brackets of roller blind. The shaded area (fabric width) is 32 mm smaller than the actual width of the roller blind.

Roller blind height H = total height including side brackets of roller blind.

Tools for Assembly:

- drill, drill bits
- tape measure
- bit PZ2
- pencil, cutter, scissors

	Assembly of side plate R+L	Attachment of chain mechanism
screw	3 x 12	3,9 x 16
drill Ø	2 mm	3 mm

Assembly:

- Check the roller blind to make sure it corresponds to the required width.
- Mark the holes for attachment of the roller blind plastic side parts and drill the holes with a smaller drill bit (two anchoring points for one part), the roller blind must be fitted in a horizontal position.
- Attach the side brackets using the supplied screws.
- Insert the shaft of the roller blind, at the opposite end to the control end, into the do component with the cross pin, inserted in the side bracket.
- Fit the component with the cross pin onto the control side and insert this entire segment into the grooves of the roller blind side bracket.
- Fix the inserted shaft against falling out face covers.
- Using the second chain coupling set the bottom end position.
- Check the functionality of the roller blind and brake.

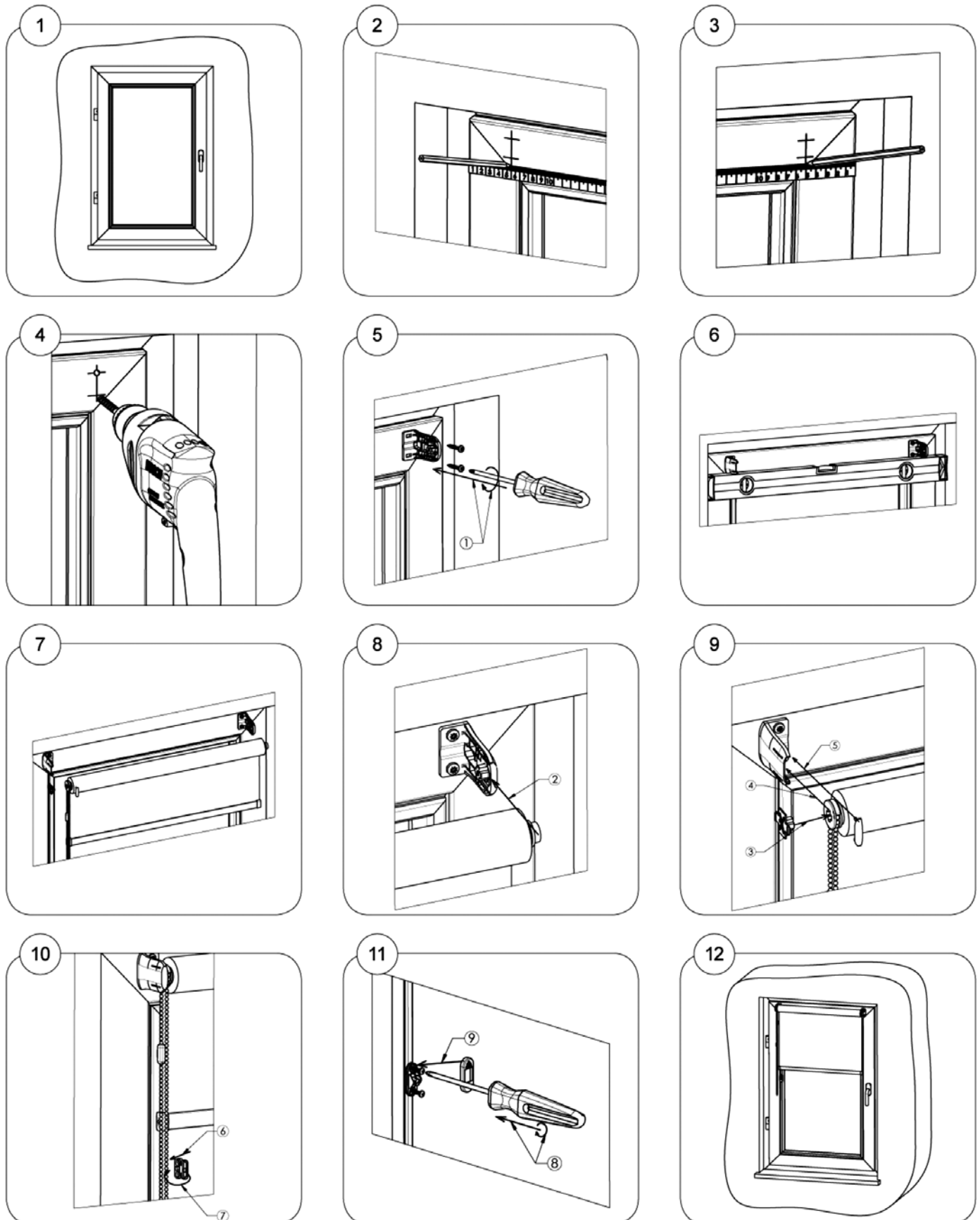
The roller blind can also be installed as a **day/night fabric version**. Prior to attaching the shaft into the side brackets the end of the fabric with section must be attached into the prepared holes in these brackets.

The roller blind can also be installed using **special hangers** without the need to screw into the window wing. The side brackets are inserted from the side into special hangers and these are then attached into window top bar.

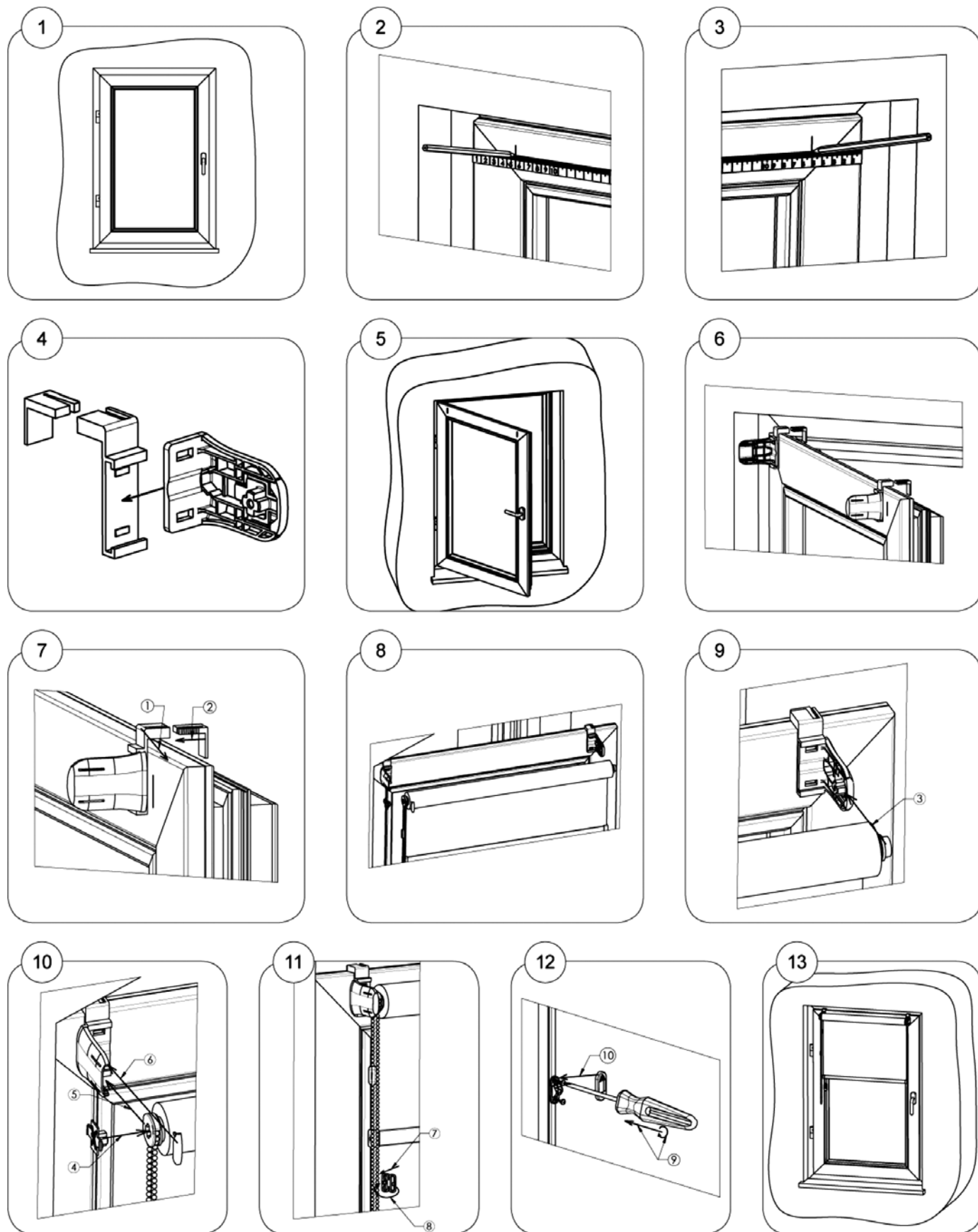
Nemo Interior Roller Blind

Measurement and Assembly Manual

Assembly onto side brackets



Assembly using hangers

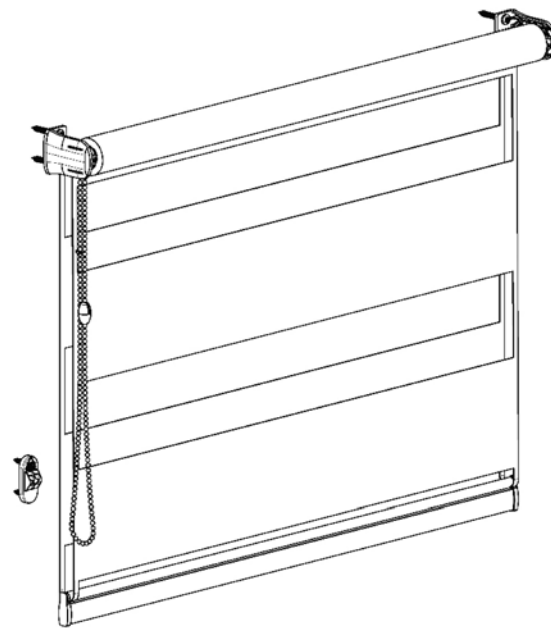
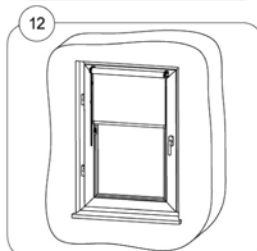
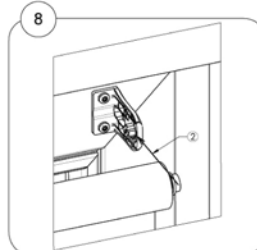
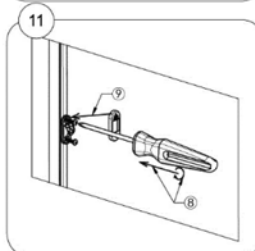
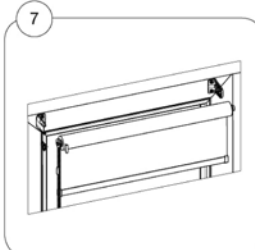
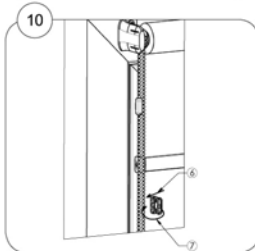
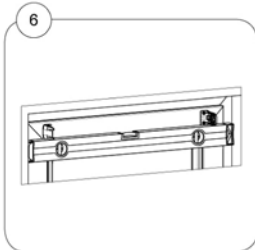
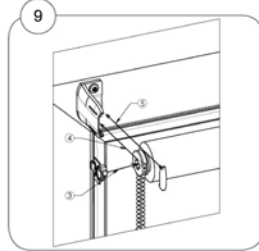
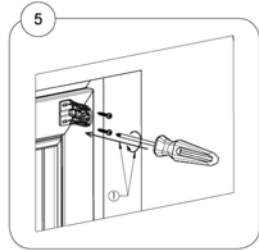
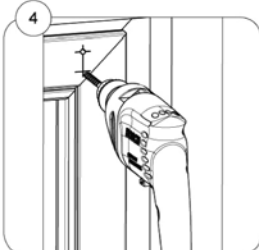
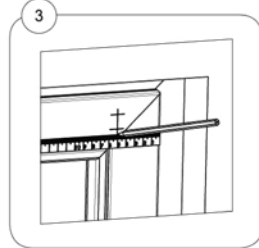
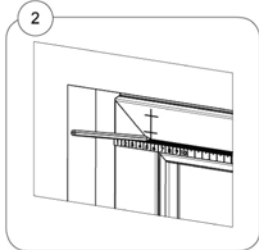
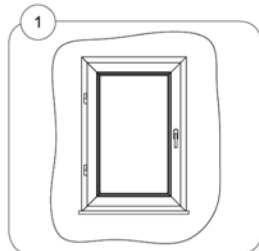


Nemo Interior Roller Blind

Measurement and Assembly Manual

The Roller blind is installed according to norm about security elements EN 13120.

Assembly into side brackets



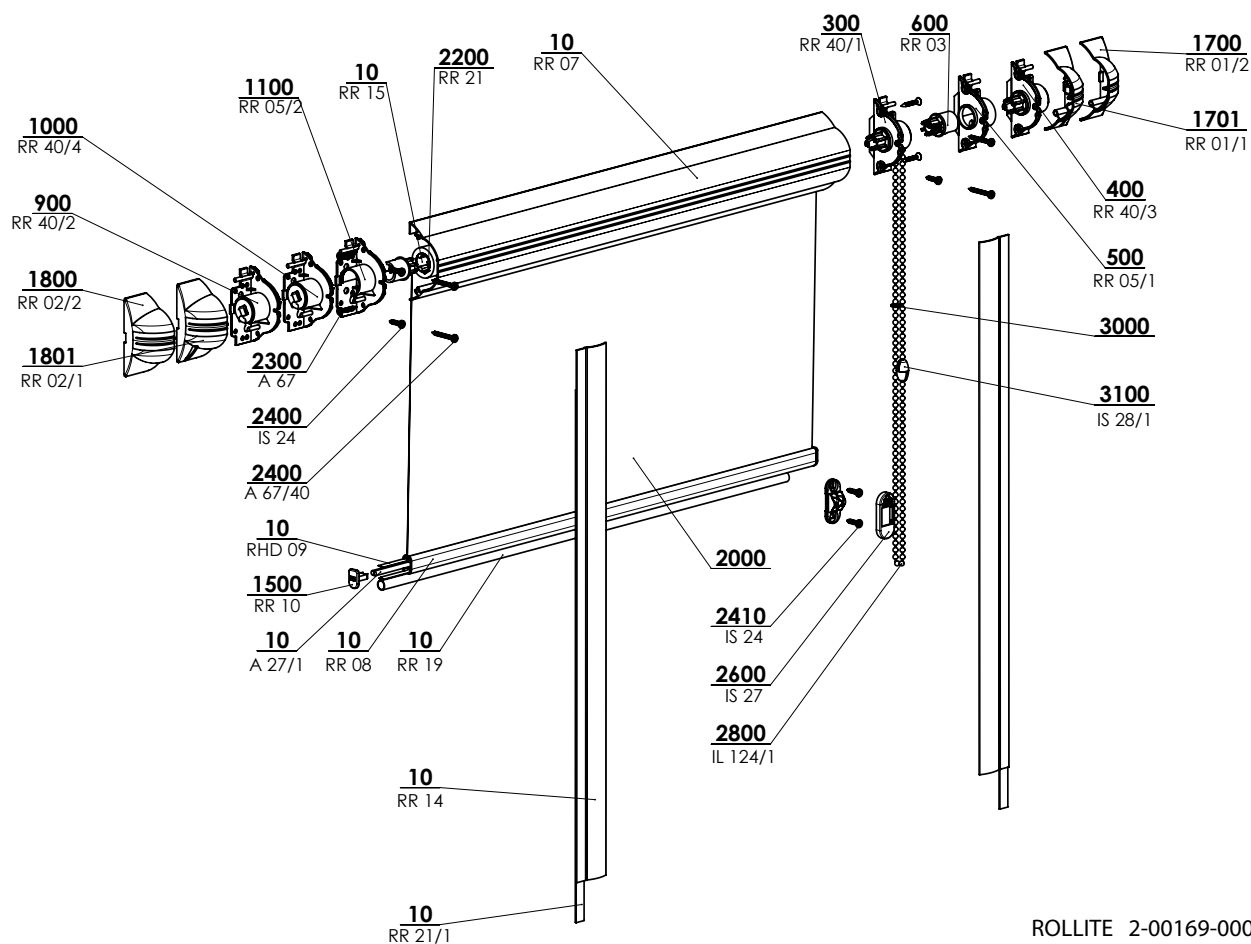


- ▲ Roller blind with an aluminium cover profile
- ▲ Aluminium guidance bars prevent the penetration of light at the sides
- ▲ Wide colour range of fabrics used
- ▲ Profiles and bars in six RAL colour shades.

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Rollite Interior Roller Blind

Basic Product Specification



Manual Control

A thin ball-chain with diameter of Ø 3,2 mm for pulling the roller blind up and down (color consistent with rail color).

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

Specification

	Head Rail	Bottom Rail	Guiding Channel	Brake	Assembly
Commercial Name	RR 07	RR 08	RR 14	standard	into window wing
Dimension (mm)	66 x 35 x 1	15 x 10	33.5 x 4.1 x 1.05		
Material	Al	Al	Al		
					
Color	Standard: RAL 9010 white RAL 8014 brown	Extra Charges: RAL 1002 beige RAL 1015 ivory RAL 8004 chestnut RAL 9006 silver			

Plastic components in the rail color.

Due to the development of the product, it is possible to adapt the product.

Standard Dimensions

Width (mm)		Height (mm)		Max. guaranteed area (m²)
min.	max.	min.	max.	max.
300	1400	300	1700	1,5

We do not make atypical designs.

Rollite (2-00169-0001)

Position	Item name	Abbreviation	Drawing number
10	Flat wire Fe/Zn	A 27/1	6-000144-0000
10	Plastic tape 6mm	RHD 09	6-001294-0000
10	Bottom rail rubber seal	RR 19	6-001307-xxxx
10	Adhesive tape, double	RR 21/1	6-001311-0000
10	Bottom rail - Fe	RR 08/3	6-011146-xxxx
10	Head rail round - Al	RR 07	7-300212-xxxx
10	Guide rail flat profile - Al	RR 14	7-300214-xxxx
10	Winding roller	RR 15	7-300215-0000
300	Brake right up to 1.5 m2	RR 40/1	2-00015-0000
400	Brake right over 1.5 m2	RR 40/3	2-00017-0000
500	Side board - right	RR 05/1	3-00206-0000
600	Valve case	RR 03	3-00204-0000
900	Brake left up to 1.5 m2	RR 40/2	2-00016-0000
1000	Brake left over 1.5 m2	RR 40/4	2-00018-0000
1100	Side board - left	RR 05/2	3-00207-0000
1500	Bottom rail cover Al	RR 10	3-00209-xxxx
1700	Side cover - right	RR 01/2	3-00201-xxxx
1701	Side cover with hole - right	RR 01/1	3-00200-xxxx
1800	Side cover - left	RR 02/2	3-00203-xxxx
1801	Side cover with hole - left	RR 02/1	3-00202-xxxx
1200	Fabric		see Fabric swatch
2200	Adhesive tape, double	RR 21	6-001310-0000
2300	Screw 3x20mm	A 67	6-000175-PU22
2400	Screw 3,5x12	IS 24	6-000965-0001
2400	Screw 3x25mm	A 67/40	6-010717-0001
2410	Screw 3,5x12	IS 24	6-000965-0001
2600	Chain holder	IS 27	2-00004-xxxx
2800	Chain - thin	IL 124/1	6-000957-xxxx
3000	Chain connector		3-00047-xxxx
3100	Chain connector	IS 28/1	2-01039-xxxx

Rollite Interior Roller Blind

Measurement and Assembly Manual

Rollite with flat leading bar

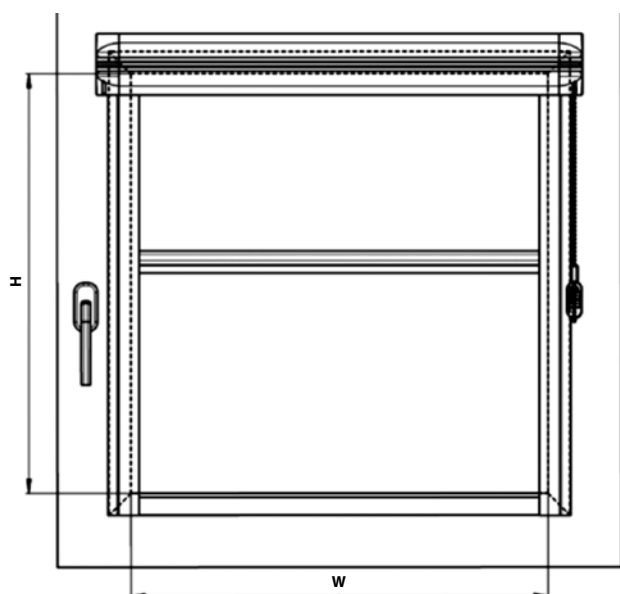
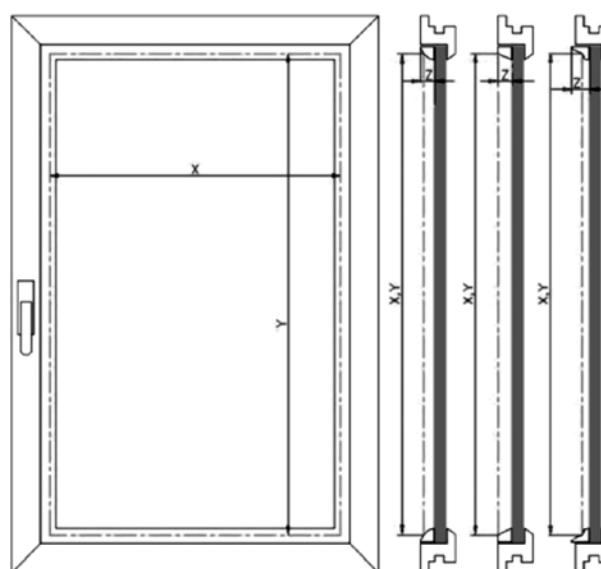


Diagram of measurement for various glazing bars



1. Measurement

The width and height of the light hole in the window wing is measured in the following manner:

W.... (width)

The measurement is from the left top point of the glazing bar to the right top point of the glazing bar on the top in the place of fixation of the blind. For windows with a perpendicular glazing bar, the width of the blind is equal to the width of the glass, including any rubber or silicon sealing. For specially formed glazing bars, it is necessary to consult the measurements with the manufacturer.

The height of the blind is produced with a precision of millimetres from the width of 300 mm up to the width of 1,400 mm.

It is recommended to consult with the manufacturer if dimensions are outside the stated limits.

H (height)

Measurements are taken the same as the width, i.e. from the upper top of the glazing bar to the lower top of the glazing bar; this height is then written into the order form.

The height of the blind is produced with a precision of millimetres up to the height of 1,700 mm.

Maximum guaranteed area: 1.5 m²

It is recommended to consult with the manufacturer if dimensions are outside the stated limits.

2. Assembly

Assemble exactly according to this manual to prevent redundant assembly errors and other related problems.

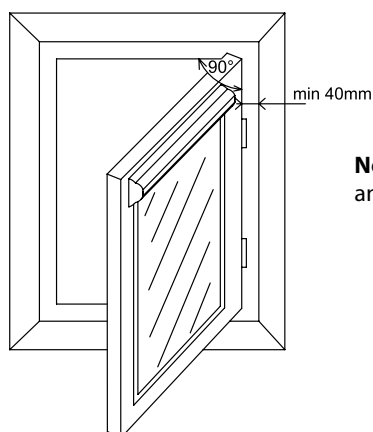
Aids for assembly:

- tape measure
- pencil
- cordless drilling machine, bit PZ2
- drills

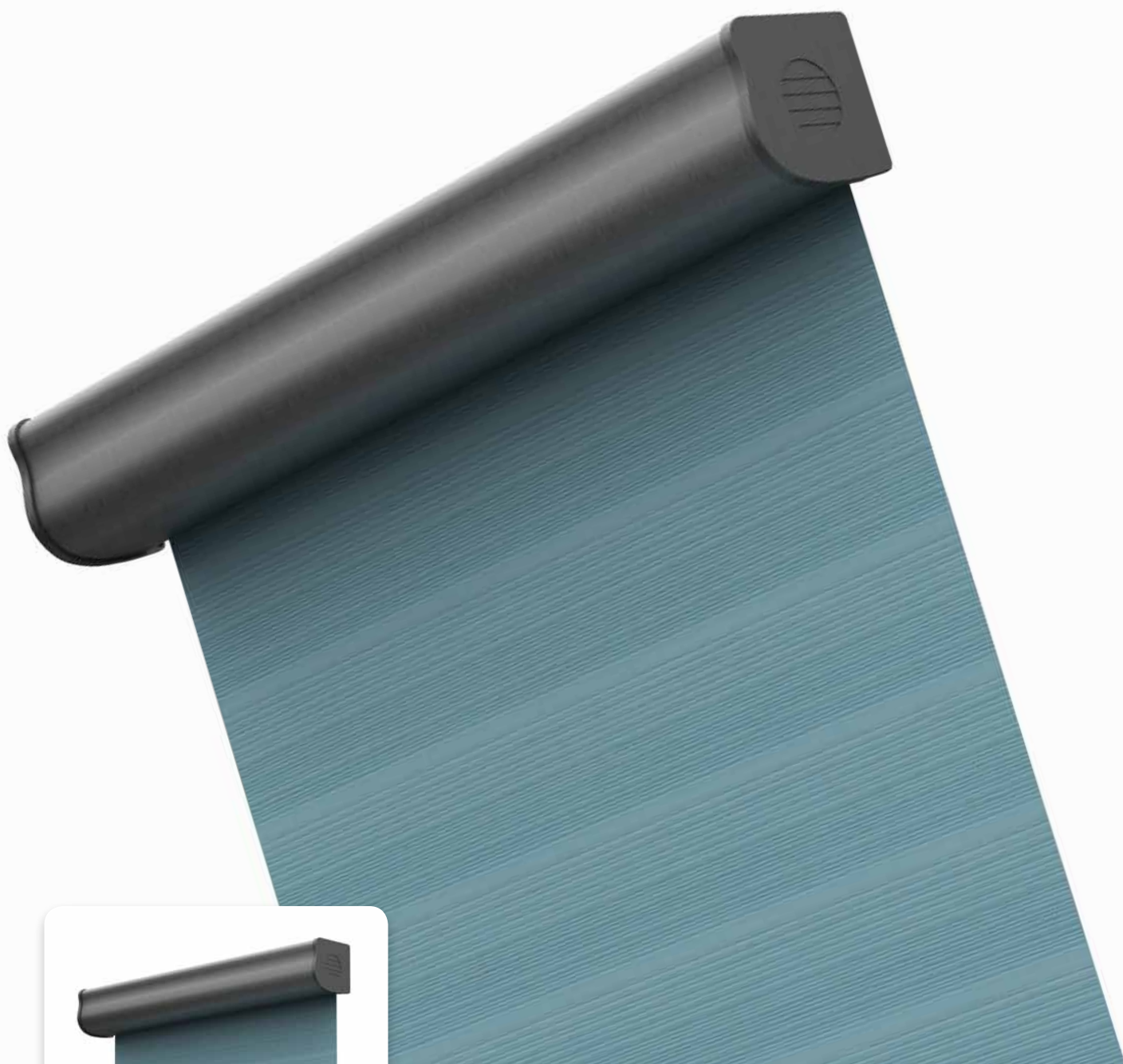
	For assembly of side board R+L	For fixation of the upper profile	For fixation of the holder of the chain
screw	3 x 12	3 x 20 / 3 x 25*	3,9 x 16
drill Ø	2 mm	-----	3 mm

Inspection:

before assembly we recommend inspecting all parts after the delivery of the goods to prevent any problems. Any defects or comments concerning the assembly or blinds must be notified to the manufacturer.



Notification: To open the window to 90°, the distance between the frame and the window wing and the reveal must be a minimum of 4 cm.

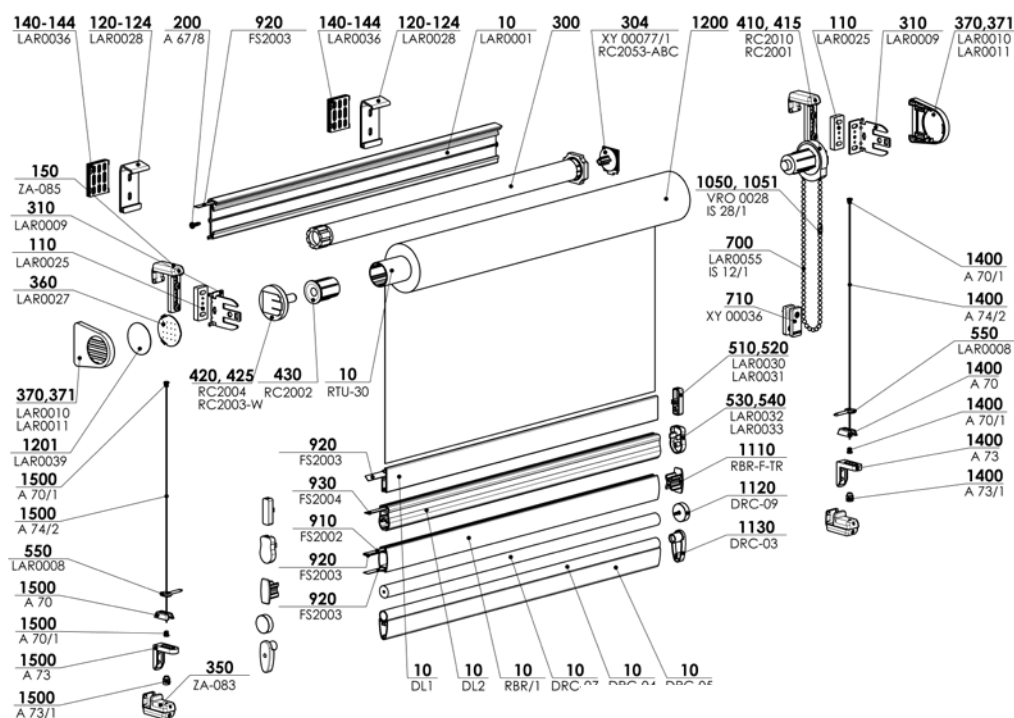


- ▲ Modern and design element of interior,
- ▲ wide range of fabrics including day-night ones,
- ▲ variability of design (3 types of cover boxes, only brackets or mounting brackets),
- ▲ possibility of manual or engine control,
- ▲ choice of placing more roller blinds in one box.
- ▲ Larra SCREEN - Soltis86, Soltis92, SCR3005

ISOTRA *Quality*

Interior roller blind LARRA ECO 30/ LARRA 30, LARRA ECO/ LARRA 30 with assembly profile

Basic product specification



Specification

LAR30, LAR30mp 2-01427-XXXX-D

Tube 30mm – max. width of roller blind 2200mm

Control: metal chain 4,5mm, motor ISOTRA BASIC, motor Somfy WT

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

For the day-night version, the chain is supplied in an “endless”, so called loop design.

Plastic chain: colour: white or gray

Metal chain: chrome / satin / black nickel

	Assembly holder	Assembly profile	Lower profile			Lower profile day-night*		Guidance	
Commercial name	LAR0009+LAR0025+LAR0010/LAR0011	LAR0001	DL1	DL2	RBR/1	DRC05+DRC04	DRC07	L+U	L+K
Dimension (mm)	62x54x26	51x17	30x8	30x18	30x15	36x14	Ø15		
Material	metal + plastic + plastic	Al	Al	Al	Al	Al+Al	Al		
Color	Standard: RAL 9003 white	Extra Charges: elox stainless satine							

* for fabric Rhodos - only bottom rail DRC07

Covers for profile RBR-F-A-43 in transparent color. Profile is possible to cover by fabric. Due to the development of the product, it is possible to adapt the product.

Standard dimensions

Fabric		Width (mm)		Height (mm)	
Weight (g/m ²)	Thickness (mm)	min.*	max.	min.	max.
up to 170	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 260	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 365	up to 0,5	300/600	2200	300	3500
over 365	up to 0,5	300/600	2200	300	3500
Fabric day-night					
Corfu		300/600	2200	300	2600
Cyprus		300/600	2200	300	2300
Parga		300/600	2200	300	4600
Rhodos		300/600	2200	300	3600
Zakynthos		300/600	2200	300	2800

* chain/motor

LARRA ECO 30/ LARRA 30, LARRA ECO/ LARRA 30 with assembly profile (2-01427-XXXX)

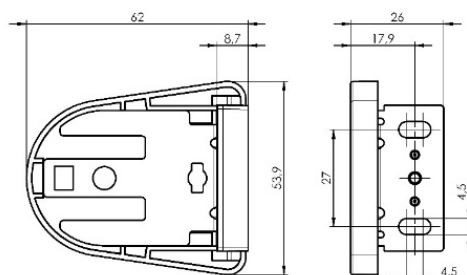
Position	Item name	Abbreviation	Drawing number
10	Mounting profile	LAR0001	7-303106-XXXX
10	Winding roll, Ø 30 mm - self-adhesive	RTU-30	6-010805-0030
10	Bottom rail - flat	DL1	7-303152-XXXX
10	Bottom rail - wave	DL2	7-303174-XXXX
10	Bottom rail AL - fabric cover white/elox	RBR/1 XXXX	7-302578-XXXX
10	Bottom rail day-night white/elox - round	DRC-07-W/A	6-015471-XXXX
10	Tube bottom day-night white/elox	DRC-04-W/A	6-011135-XXXX
10	Bottom rail day-night white/elox	DRC-05-W/A	6-011134-XXXX
110	Pad	LAR0025	3-03146-XXXX
120-124	Wall bracket - mounting profile - S - complete	LAR0028	2-01508-XXXX
140-144	Pad under the holder	LAR0036	3-03345-0000
150	Top holder white*	ZA-085	6-019290-0000
200	Screw 3,5x13, DIN 7504 M, Zn	A 67/8	6-003146-0000
300	Motors (ISOTRA BASIC)		see table Motors
300	Motors (SOMFY)		see table Motors
302	Holder of motor Somfy 28 WT	RC2053-ABC	6-015170-0002
310	Holder COULISSE - ejection 33 mm	LAR0009	3-03111-XXXX
350	Tension angle 25 mm, white*	ZA-083	6-017593-0001
360	Cover - side cap - S	LAR0027	3-03148-XXXX
370	Side caps - holder - logo - S	LAR0010	3-03128-XXXX
371	Side caps - holder - logo hole - S	LAR0011	3-03129-XXXX
410	Metallic control mechanism 28	RC2010	6-014565-XXXX
415	Plastic control mechanism 28	RC2001	6-014545-XXXX
420	Adjustable pin + carrier white/grey/black - set	RC2004	6-014457-XXXX
425	Fixed pin	RC2003	6-014806-XXXX
430	Pipe end piece 28 white/black/grey	RC2002	6-014546-XXXX
510	Plug - bottom profile - square	LAR0030	3-03153-XXXX
520	Plug - bottom profile - square - wire	LAR0031	3-03154-XXXX
530	Plug - bottom profile - wave	LAR0032	3-03175-XXXX
540	Plug - bottom profile - wave - wire	LAR0033	3-03174-XXXX
550	Bottom rail cover - eye	LAR0008	3-00024-0000
700	Endless chain thick metal	LAR0055/02	2-00608-0002
700	Chain thick (4,5x6mm) detachable	IS 12/1	3-01514-XXXX
700	Endless chain thick	IS 12/51	2-00608-0003
710	Fixed pulley	XY 00036	2-01045-0000
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4mm	FS2003	6-017815-0000
930	Tape 10x0.8 with double-sided adhesive tape	FS2004	6-017816-0000
1050	Chain connector 4,5 mm metal	VRO 0028	6-008792-XXXX
1051	Chain connector assembly	IS 28/1	2/01039-XXXX
1110	Cover for bottom rail RBR	RBE-F-TR	6-012454-00TR
1120	Cover round - day-night white/grey	DRC-09-W/A	6-015472-XXXX
1130	Cover set - day-night	DRC-03	6-011136-XXXX
1200	Fabric		see Fabric swatch
1201	Fabric to logo in the side cap	LAR0039	3-03344-0000
1400	Guidance - wire/guiding channel LARRA RIGHT		see Guidance
1500	Guidance - wire/guiding channel LARRA LEFT		see Guidance
1400,1500	Clamping screw	A 70/1	6-011204-PU22
1400,1500	Steel wire 0,9 mm	A 74/2	6-000181-0000
1400,1500	Spacer - fixed	A 70	3-00129-0000
1400,1500	Console angle	A 73	6-015710-0000
1400,1500	Clamping screw	A 73/1	6-015709-PU22

*Without mounting profile, cannot be used with D/N fabric

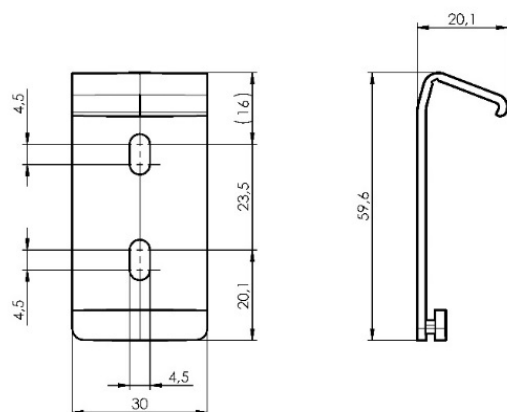
Interior roller blind LARRA ECO 30/ LARRA 30, LARRA ECO/ LARRA 30 with assembly profile

Holders

Assembly holder



Wall holder - Larra 30 with assembly profile LAR0028 (2-01508)



Holder number for roller blind with assembly profile

Roller blind width (mm)	Holder numbers (pc)
0 - 900	2
901 - 1600	3
1601 - 2200	4

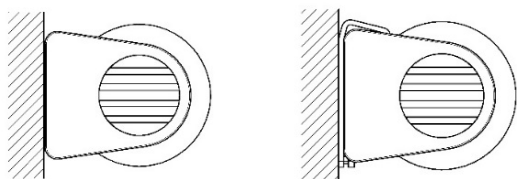
The axis of the edge holder must be 40-50 mm from the edge of the roller blind.

Mounting

Wall mounting

Larra 30

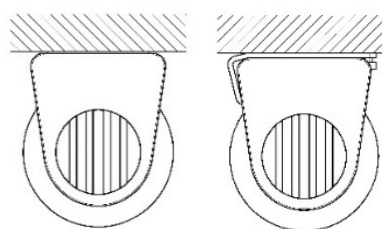
Larra 30 with assembly profile



Ceiling mounting

Larra 30

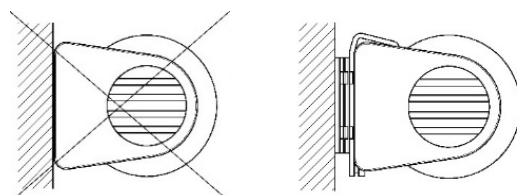
Larra 30 with assembly profile



Wall mounting - fabric day-night

Larra 30

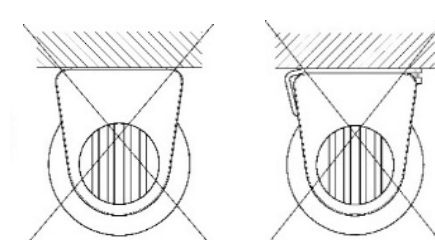
Larra 30 with assembly profile



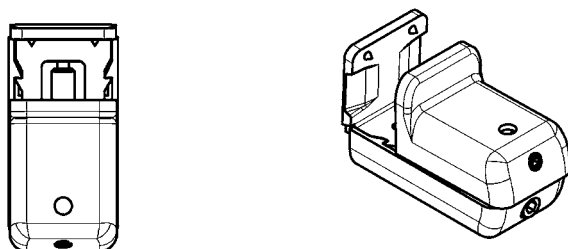
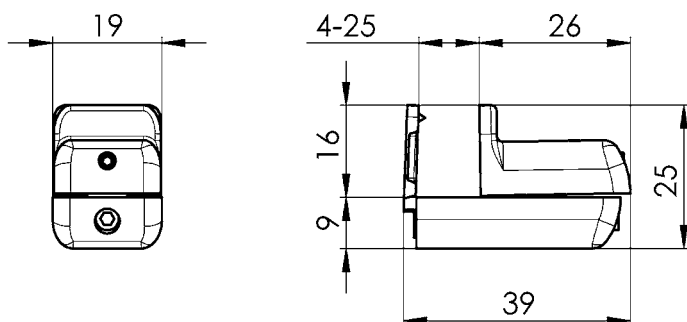
Ceiling mounting - fabric day-night

Larra 30

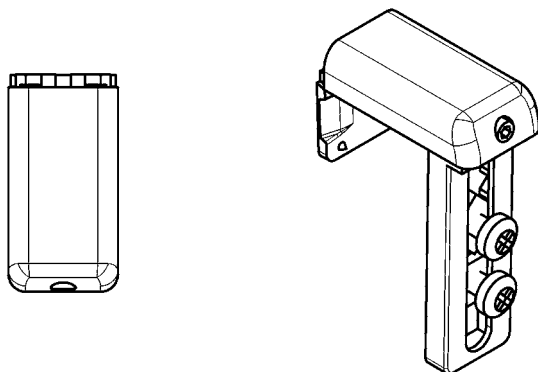
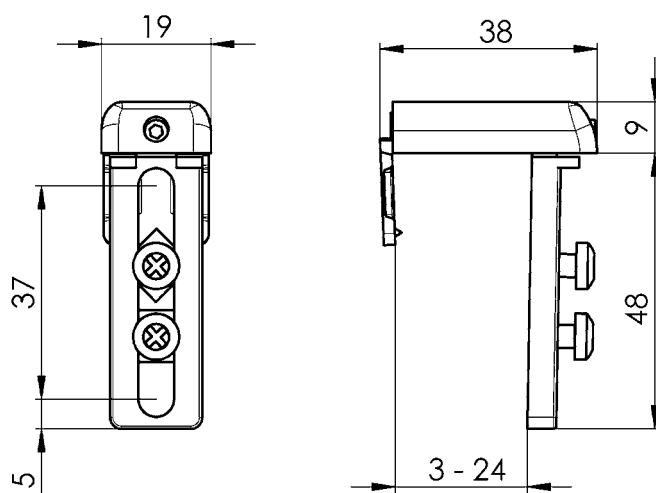
Larra 30 with assembly profile



Interior roller blind LARRA ECO 30/ LARRA 30, LARRA ECO/ LARRA 30 with assembly profile
Tension angle ZA-083 (6-017596-0001)



Top holder ZA-085 (6-019290-0000)

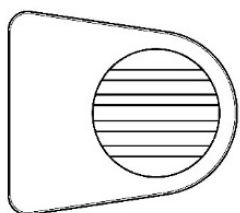


Interior roller blind LARRA ECO 30/ LARRA 30, LARRA ECO/ LARRA 30 with assembly profile

Sidewalls

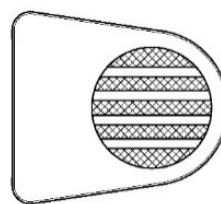
Sidewall type 1 (BT1)

- One-piece sidewall with logo molded in plastic



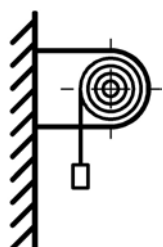
Sidewall type 2 (BT2)

- Multi-piece sidewall with the logo formed by the sidewall and the fabric (xxx), which is the same as roller blind fabric

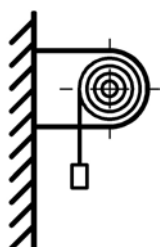


Assembly

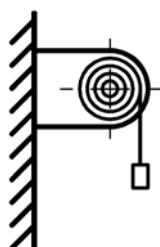
winding to the window "A" (standard)



winding to the window "AE" (exterior lighter)

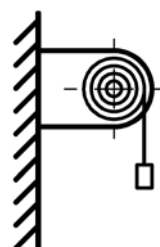


winding from the window "B"



*wire guidance is not possible

winding from the window "BE" (exterior lighter)



*wire guidance is not possible

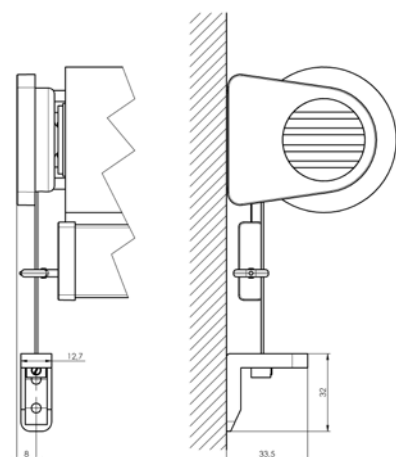
winding day-night "C"



*wire guidance is not possible
*only for LAR30mp together with wall mounting

Wire guidance

Wire guidance with wire holder for wall mounting (L+U)



Steel wire 0,9mm

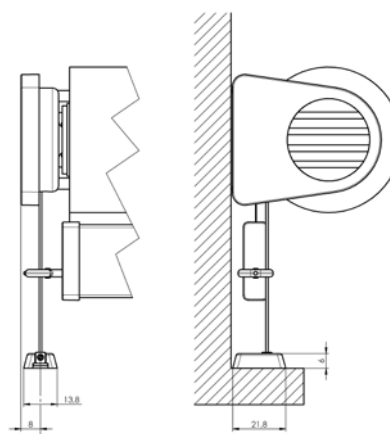
Stainless steel end pins

Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Wire guidance with wire holder for floor mounting (L+K)



Steel wire 0,9mm

Stainless steel end pins

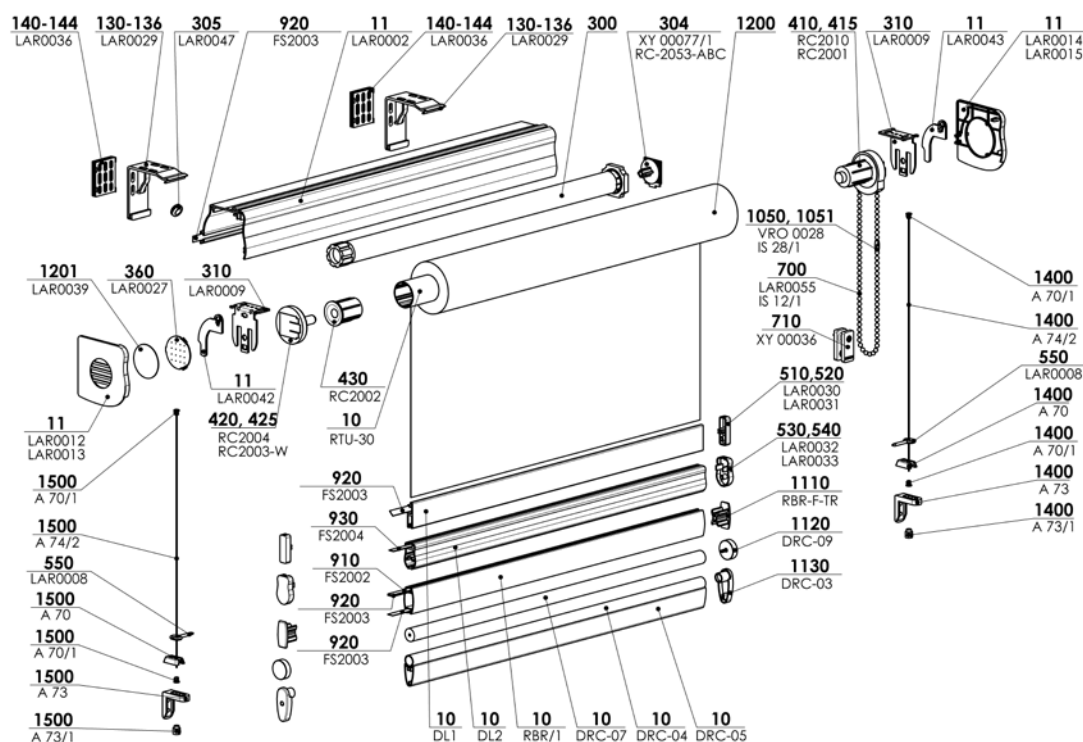
Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Interior roller blind LARRA ECO/ LARRA box semi cassette

Basic product specification



LARRA box semi cassette 2-01427-XXXX-D

Specification

Tube 30mm – max. width of roller blind 2200mm

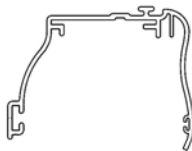
Control: plastit chain 4,5 mm, metal chain 4,5mm, motor ISOTRA BASIC, motor Somfy WT

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

For the day-night version, the chain is supplied in an “endless”, so called loop design.

Plastic chain: colour: white or gray

Metal chain: chrome / satin / black nickel

	Profile semi cassette	Lower profile			Lower profile day-night*		Guidance	
Commercial name	LAR0002	DL1	DL2	RBR/1	DRC05+DRC04	DRC07	L+U	L+K
Dimension (mm)	73x57	30x8	30x18	30x15	36x14	Ø15		
Material	Al	Al	Al	Al	Al+Al	Al		
								
Color	Standard: RAL 9003 white	Extra Charges: elox stainless satine						

* for fabric Rhodos - only bottom rail DRC07

Covers for profile RBR-F-A-43 in transparent color. Profile is possible to cover by fabric. Due to the development of the product, it is possible to adapt the product.

Standard dimensions

Fabric		Width (mm)		Height (mm)	
Weight (g/m ²)	Thickness (mm)	min.*	max.	min.	max.
up to 170	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 260	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 365	up to 0,5	300/600	2200	300	3500
over 365	up to 0,5	300/600	2200	300	3500
Fabric day-night					
Corfu		300/600	2200	300	2600
Cyprus		300/600	2200	300	2300
Parga		300/600	2200	300	4600
Rhodos		300/600	2200	300	3600
Zakynthos		300/600	2200	300	2800

* chain/motor

Interior roller blind LARRA ECO/ LARRA box semi cassette

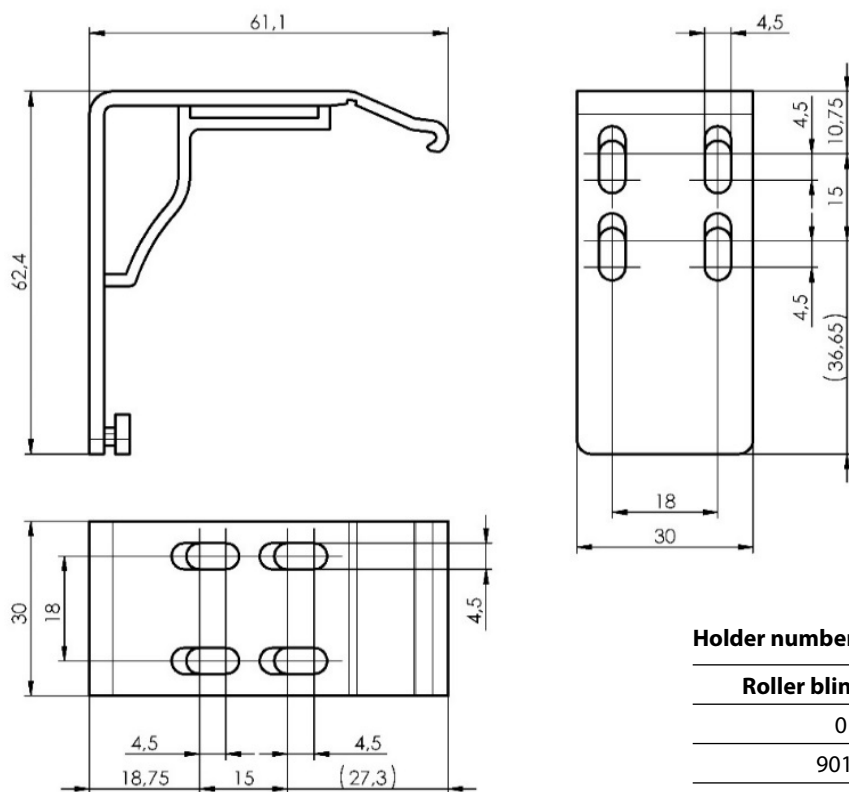
LARRA ECO/ LARRA box semi cassette (2-01427-XXXX)

Position	Item name	Abbreviation	Drawing number
10	Winding roll, Ø 30 mm - self-adhesive	RTU-30	6-010805-0030
10	Bottom rail - flat	DL1	7-303152-XXXX
10	Bottom rail - wave	DL2	7-303174-XXXX
10	Bottom rail AL - fabric cover white/elox	RBR/1 XXXX	7-302578-XXXX
10	Bottom rail day-night white/elox - round	DRC-07-W/A	6-015471-XXXX
10	Tube bottom day-night white/elox	DRC-04-W/A	6-011135-XXXX
10	Bottom rail day-night white/elox	DRC-05-W/A	6-011134-XXXX
11	Profile Semicassette - S	LAR0002	7-303107-XXXX
11	Cover L - metal holder	LAR0042	3-03144-XXXX
11	Cover P - metal holder	LAR0043	3-03145-XXXX
11	Side caps L - Semi cassette - logo - S	LAR0012	3-03130-XXXX
11	Side caps L - Semi cassette - logo hole - S	LAR0013	3-03131-XXXX
11	Side caps P - Semi cassette - logo - S	LAR0014	3-03132-XXXX
11	Side caps P - Semi cassette - logo hole - S	LAR0015	3-03133-XXXX
130-136	Wall bracket - cassette - S - complete	LAR0029	2-01509-XXXX
140-144	Pad under the holder	LAR0036	3-03345-0000
300	Motors (ISOTRA BASIC)		see table Motors
300	Motors (SOMFY)		see table Motors
302	Holder of motor Somfy 28 WT	RC2053-ABC	6-015170-0002
305	Cable grommet	LAR0047	6-015748-0000
310	Holder COULISSE - ejection 33 mm	LAR0009	3-03111-XXXX
360	Cover - side cap - S	LAR0027	3-03148-XXXX
410	Metallic control mechanism 28	RC2010	6-014565-XXXX
415	Plastic control mechanism 28	RC2001	6-014545-XXXX
420	Adjustable pin + carrier white/grey/black - SET	RC2004	6-014457-XXXX
425	Fixed pin	RC2003	6-014806-XXXX
430	Pipe end piece 28 white/black/grey	RC2002	6-014546-XXXX
510	Plug - bottom profile - square	LAR0030	3-03153-XXXX
520	Plug - bottom profile - square - wire	LAR0031	3-03154-XXXX
530	Plug - bottom profile - wave	LAR0032	3-03175-XXXX
540	Plug - bottom profile - wave - wire	LAR0033	3-03174-XXXX
550	Bottom rail cover - eye	LAR0008	3-00024-0000
700	Endless chain thick metal	LAR0055/02	2-00608-0002
700	Chain thick (4,5x6mm) detachable	IS 12/1	3-01514-XXXX
700	Endless chain thick	IS 12/51	2-00608-0003
710	Fixed pulley	XY 00036	2-01045-0000
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4 mm	FS2003	6-017815-0000
930	Tape 10x0.8 with double-sided adhesive tape	FS2004	6-017816-0000
1050	Chain connector 4,5 mm metal	VRO 0028	6-008792-XXXX
1051	Chain connector assembly	IS 28/1	2/01039-XXXX
1110	Cover for bottom rail RBR	RBE-F-TR	6-012454-00TR
1120	Cover round - day-night white/grey	DRC-09-W/A	6-015472-XXXX
1130	Cover set - day-night	DRC-03	6-011136-XXXX
1200	Fabric		see Fabric swatch
1201	Fabric to logo in the side cap	LAR0039	3-03344-0000
1400	Guidance - wire/guiding channel LARRA RIGHT		see Guidance
1500	Guidance - wire/guiding channel LARRA LEFT		see Guidance
1400,1500	Clamping screw	A 70/1	6-011204-PU22
1400,1500	Steel wire 0,9 mm	A 74/2	6-000181-0000
1400,1500	Spacer - fixed	A 70	3-00129-0000
1400,1500	Console angle	A 73	6-015710-0000
1400,1500	Clamping screw	A 73/1	6-015709-PU22

Interior roller blind LARRA ECO/ LARRA box semi cassette

Holders

Wall holder - Larra semi cassette LAR0029 (2-01509)



Holder number for roller blind with assembly profile

Roller blind width (mm)	Holder numbers (pc)
0 - 900	2
901 - 1600	3
1601 - 2200	4

The axis of the edge holder must be 40-50 mm from the edge of the roller blind.

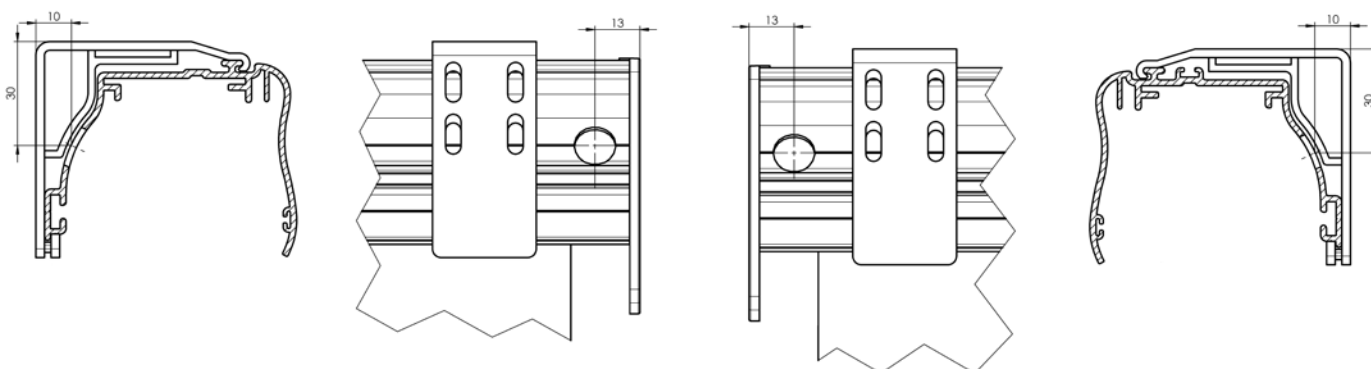
Control

Control left (L)

The chain or cable outlets are placed on the left from the interior
Cable outlet Ø8 left

Control right (P)

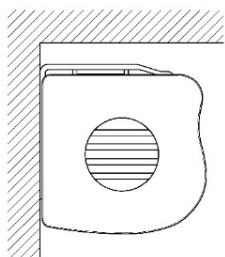
The chain or cable outlets are placed on the right from the interior
Cable outlet Ø8 right



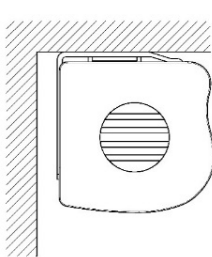
Interior roller blind LARRA ECO/ LARRA box semi cassette

Mounting

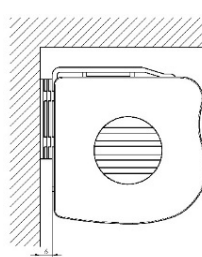
Wall mounting



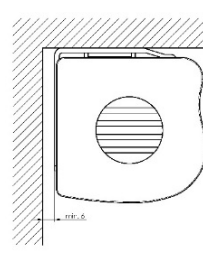
Ceiling mounting



Wall mounting fabric day-night



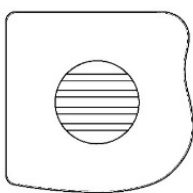
Ceiling mounting fabric day-night



Sidewalls

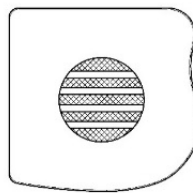
Sidewall type 1 (BT1)

- One-piece sidewall with logo molded in plastic



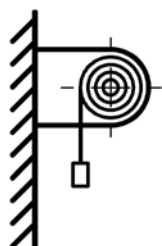
Sidewall type 2 (BT2)

Multi-piece sidewall with the logo formed by the sidewall and the fabric (xxx), which is the same as roller blind fabric

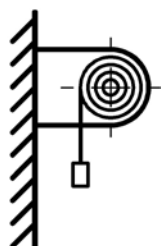


Assembly

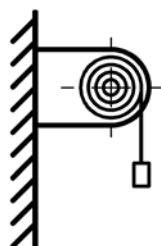
winding to the window "A" (standard)



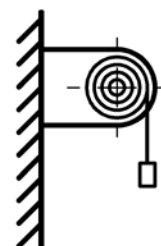
winding to the window "AE" (exterior lighter)



winding from the window "B"



winding from the window "BE" (exterior lighter)



winding day-night "C"



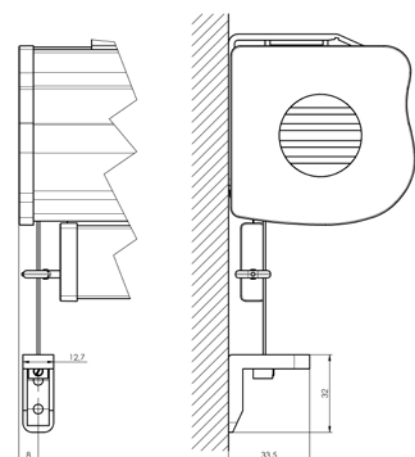
*wire guidance is not possible

*wire guidance is not possible

*wire guidance is not possible

Wire guidance

Wire guidance with wire holder for wall mounting (L+U)



Steel wire 0,9mm

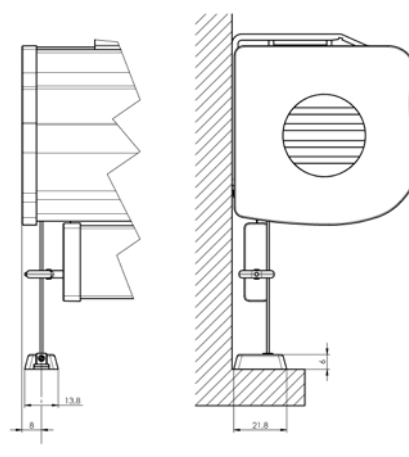
Stainless steel end pins

Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Wire guidance with wire holder for floor mounting (L+K)



Steel wire 0,9mm

Stainless steel end pins

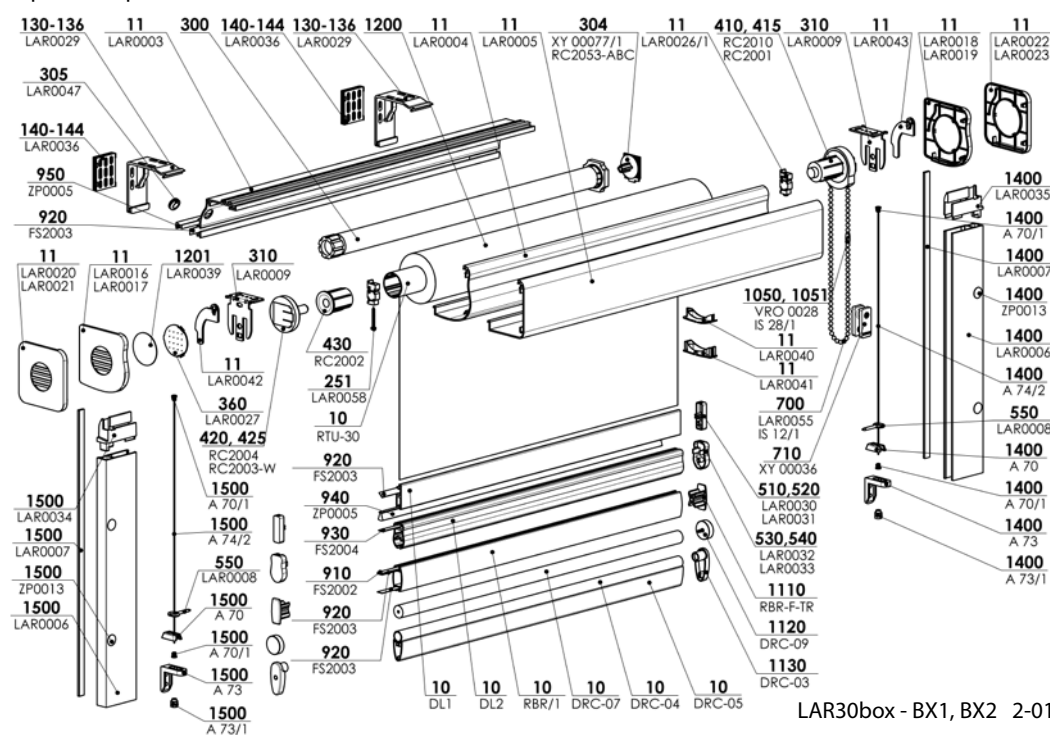
Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Interior roller blind LARRA ECO/ LARRA box

Basic product specification



Specification

Tube 30mm – max. width of roller blind 2200mm

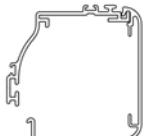
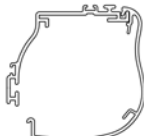
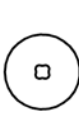
Control: plastit chain 4,5 mm, metal chain 4,5mm, motor ISOTRA BASIC, motor Somfy WT

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

For the day-night version, the chain is supplied in an “endless”, so called loop design.

Plastic chain: colour: white or gray

Metal chain: chrome / satin / black nickel

	Box		Lower profile			Lower profile day-night*		Guidance		
Commercial name	LAR0003+LAR0005	LAR0003+LAR0004	DL1	DL2	RBR/1	DRC05+DRC04	DRC07	L+U	L+K	VL
Dimension (mm)	72x71	73x72	30x8	30x18	30x15	36x14	Ø15			52x15
Material	Al	Al	Al	Al	Al	Al+Al	Al			Al
										
Color	Standard: RAL 9003 white		Extra Charges: elox stainless satine							

* for fabric Rhodos - only bottom rail DRC07

Covers for profile RBR-F-A-43 in transparent color. Profile is possible to cover by fabric. Due to the development of the product, it is possible to adapt the product.

Standard dimensions

Fabric		Width (mm)		Height (mm)	
Weight (g/m ²)	Thickness (mm)	min.*	max.	min.	max.
up to 170	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 260	up to 0,3	300/600	2200	300	4600
	up to 0,5	300/600	2200	300	3500
	up to 0,7	300/600	2200	300	2400
up to 365	up to 0,5	300/600	2200	300	3500
over 365	up to 0,5	300/600	2200	300	3500
Fabric day-night					
Corfu		300/600	2200	300	2600
Cyprus		300/600	2200	300	2300
Parga		300/600	2200	300	4600
Rhodos		300/600	2200	300	3600
Zakynthos		300/600	2200	300	2800

* chain/motor

Interior roller blind LARRA ECO/ LARRA box

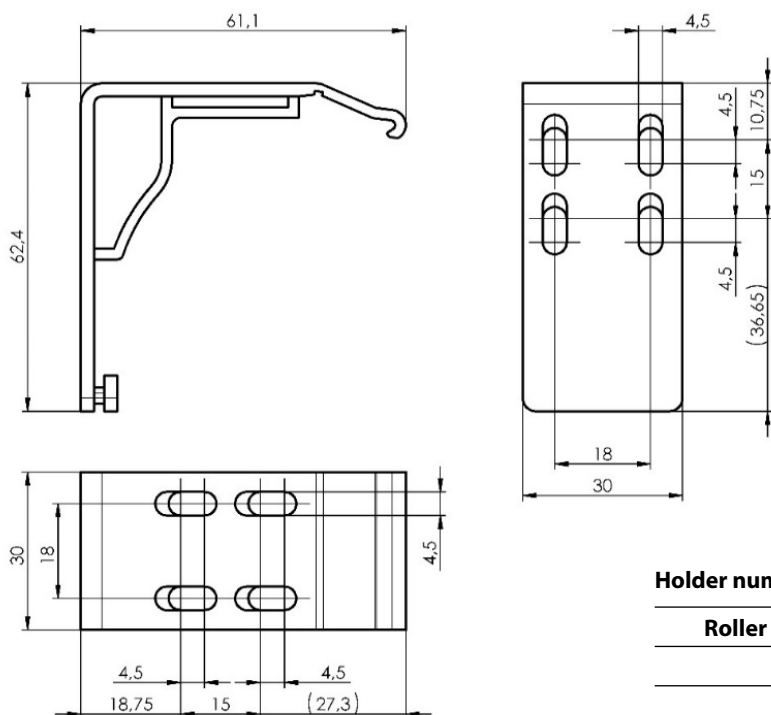
LARRA ECO/ LARRA box (2-01427-XXXX)

Position	Item name	Abbreviation	Drawing number
10	Winding roll, Ø 30 mm - self-adhesive	RTU-30	6-010805-0030
10	Bottom rail - flat	DL1	7-303152-XXXX
10	Bottom rail - wave	DL2	7-303174-XXXX
10	Bottom rail AL - fabric cover white/elox	RBR/1 XXXX	7-302578-XXXX
10	Bottom rail day-night white/elox - round	DRC-07-W/A	6-015471-XXXX
10	Tube bottom day-night white/elox	DRC-04-W/A	6-011135-XXXX
10	Bottom rail day-night white/elox	DRC-05-W/A	6-011134-XXXX
11	Profile cassette -back - S	LAR0003	7-303108-XXXX
11	Profile cassette -front wave - S	LAR0004	7-303109-XXXX
11	Profile cassette -front edge - S	LAR0005	7-303110-XXXX
11	Fuse - profile front	LAR0026/1 9003/9006	3-03596-9003/9006
11	Side caps L - front wave - logo - S	LAR0016	3-03134-XXXX
11	Side caps L - front wave - logo hole - S	LAR0017	3-03135-XXXX
11	Chain guidance - front wave - S	LAR0040	3-03142-XXXX
11	Side caps L - front edge - logo - S	LAR0020	3-03138-XXXX
11	Side caps L - front edge - logo hole - S	LAR0021	3-03139-XXXX
11	Side caps P - front edge - logo - S	LAR0022	3-03140-XXXX
11	Side caps P - front edge - logo hole - S	LAR0023	3-03141-XXXX
11	Side caps P - front wave - logo - S	LAR0018	3-03136-XXXX
11	Side caps P - front wave - logo hole - S	LAR0019	3-03137-XXXX
11	Chain guidance - front edge - S	LAR0041	3-03143-XXXX
11	Cover L - metal holder	LAR0042	3-03144-XXXX
11	Cover P - metal holder	LAR0043	3-03145-XXXX
11	Fuse - profile front	LAR0026/1 9003/9006	3-03596-9003/9006
11/251	Screw ST2,9x25, A2 Torx, ISO 14585 C	LAR0058	6-016873-0000
130-136	Wall bracket - cassette - S - complete	LAR0029	2-01509-XXXX
140-144	Pad under the holder	LAR0036	3-03345-0000
300	Motors (ISOTRA BASIC)		see table Motors
300	Motors (SOMFY)		see table Motors
302	Holder of motor Somfy 28 WT	RC2053-ABC	6-015170-0002
305	Cable grommet	LAR0047	6-015748-0000
310	Holder COULISSE - ejection 33 mm	LAR0009	3-03111-XXXX
360	Cover - side cap - S	LAR0027	3-03148-XXXX
410	Metallic control mechanism 28	RC2010	6-014565-XXXX
415	Plastic control mechanism 28	RC2001	6-014545-XXXX
420	Adjustable pin + carrier white/grey/black - SET	RC2004	6-014457-XXXX
425	Fixed pin	RC2003	6-014806-XXXX
430	Pipe end piece 28 white/black/grey	RC2002	6-014546-XXXX
510	Plug - bottom profile - square	LAR0030	3-03153-XXXX
520	Plug - bottom profile - square - wire	LAR0031	3-03154-XXXX
530	Plug - bottom profile - wave	LAR0032	3-03175-XXXX
540	Plug - bottom profile - wave - wire	LAR0033	3-03174-XXXX
550	Bottom rail cover - eye	LAR0008	3-00024-0000
700	Endless chain thick metal	LAR0055/02	2-00608-0002
700	Chain thick (4,5x6mm) detachable	IS 12/1	3-01514-XXXX
700	Endless chain thick	IS 12/51	2-00608-0003
710	Fixed pulley	XY 00036	2-01045-0000
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4 mm	FS2003	6-017815-0000
930	Tape 10x0.8 with double-sided adhesive tape	FS2004	6-017816-0000
940,95	Brush 4.8 x 7 mm black	ZP0005	6-009219-0000
1050	Chain connector 4,5 mm metal	VRO 0028	6-008792-XXXX

Position	Item name	Abbreviation	Drawing number
1051	Chain connector assembly	IS 28/1	2/01039-XXXX
1110	Cover for bottom rail RBR	RBE-F-TR	6-012454-00TR
1120	Cover round - day-night white/grey	DRC-09-W/A	6-015472-XXXX
1130	Cover set - day-night	DRC-03	6-011136-XXXX
1200	Fabric		see Fabric swatch
1201	Fabric to logo in the side cap	LAR0039	3-03344-0000
1400	Guidance - wire/guiding channel LARRA RIGHT		see Guidance
1500	Guidance - wire/guiding channel LARRA LEFT		see Guidance
1400	Plug P - Blackout - upper	LAR0035	3-03157-XXXX
1500	Plug L - Blackout - upper	LAR0034	3-03156-XXXX
1400,1500	Microprofile self-adhesive 2,5x8mm, rectangular	LAR0007	6-015682-0000
1400,1500	Profile Blackout	LAR0006	7-303155-XXXX
1400,1500	Cover lids 10mm	ZP0013	6-002066-XXXX
1400,1500	Clamping screw	A 70/1	6-011204-PU22
1400,1500	Steel wire 0,9 mm	A 74/2	6-000181-0000
1400,1500	Spacer - fixed	A 70	3-00129-0000
1400,1500	Console angle	A 73	6-015710-0000
1400,1500	Clamping screw	A 73/1	6-015709-PU22

Holders

Wall holder - Larra box LAR0029 (2-01509)

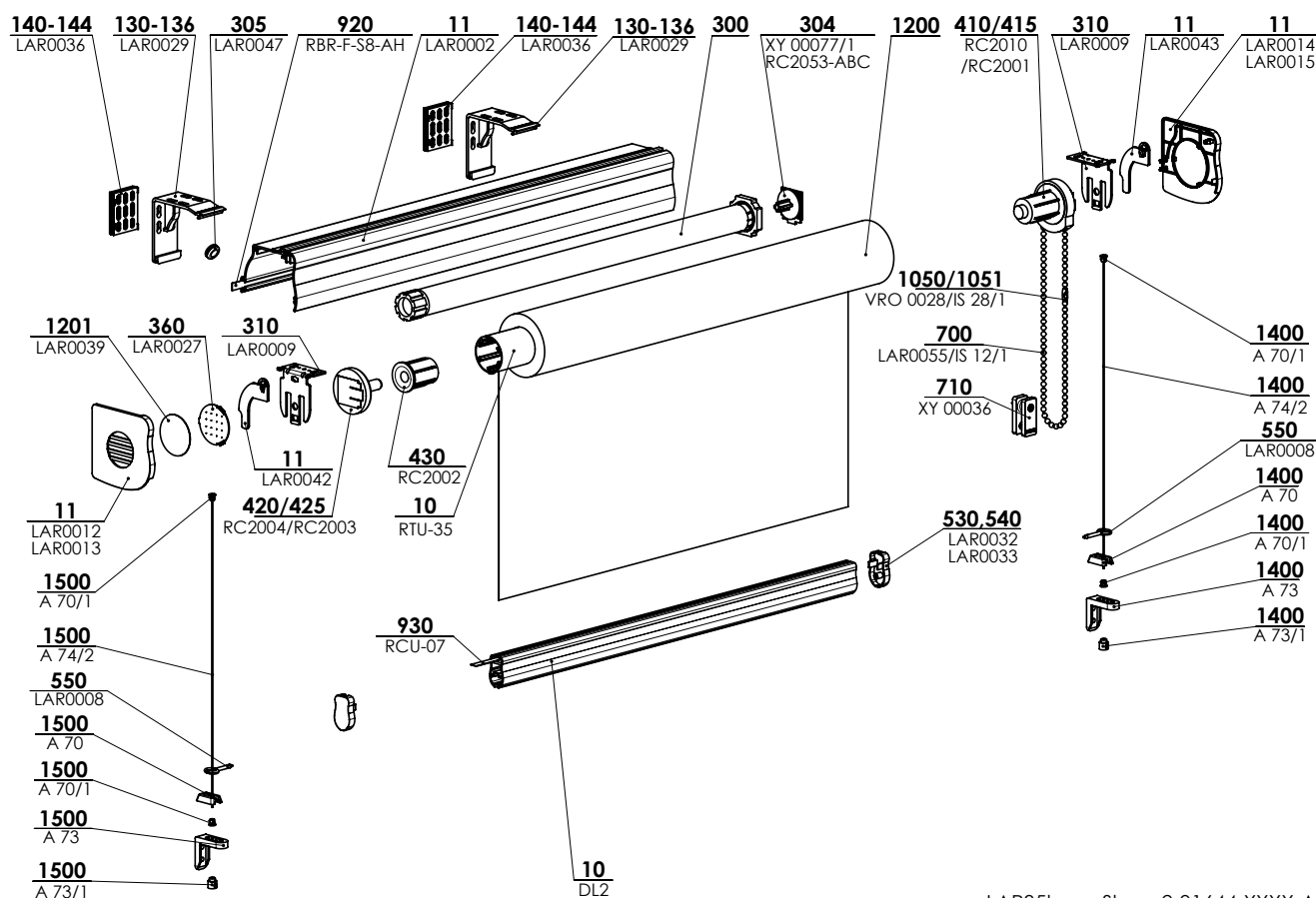
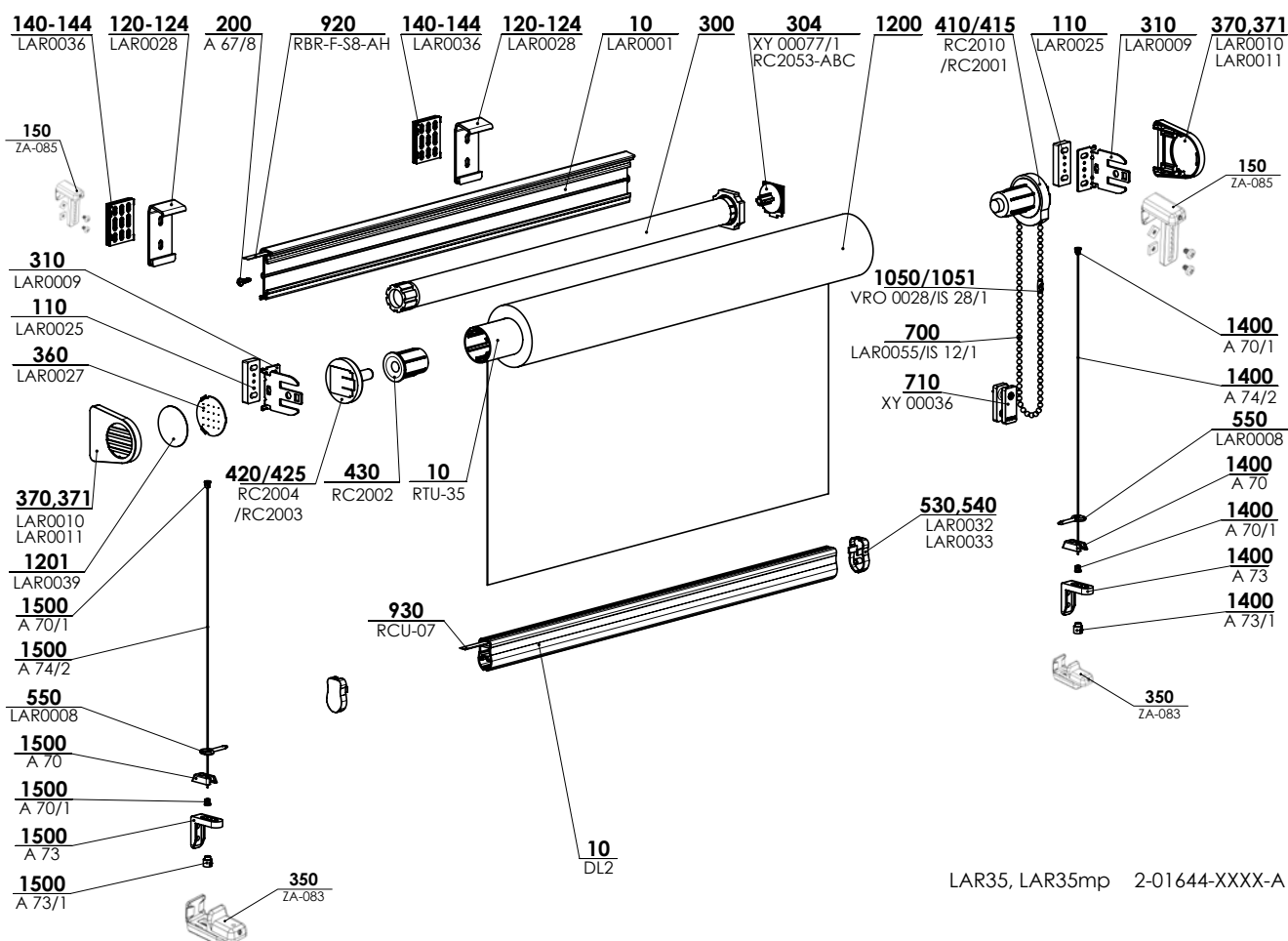


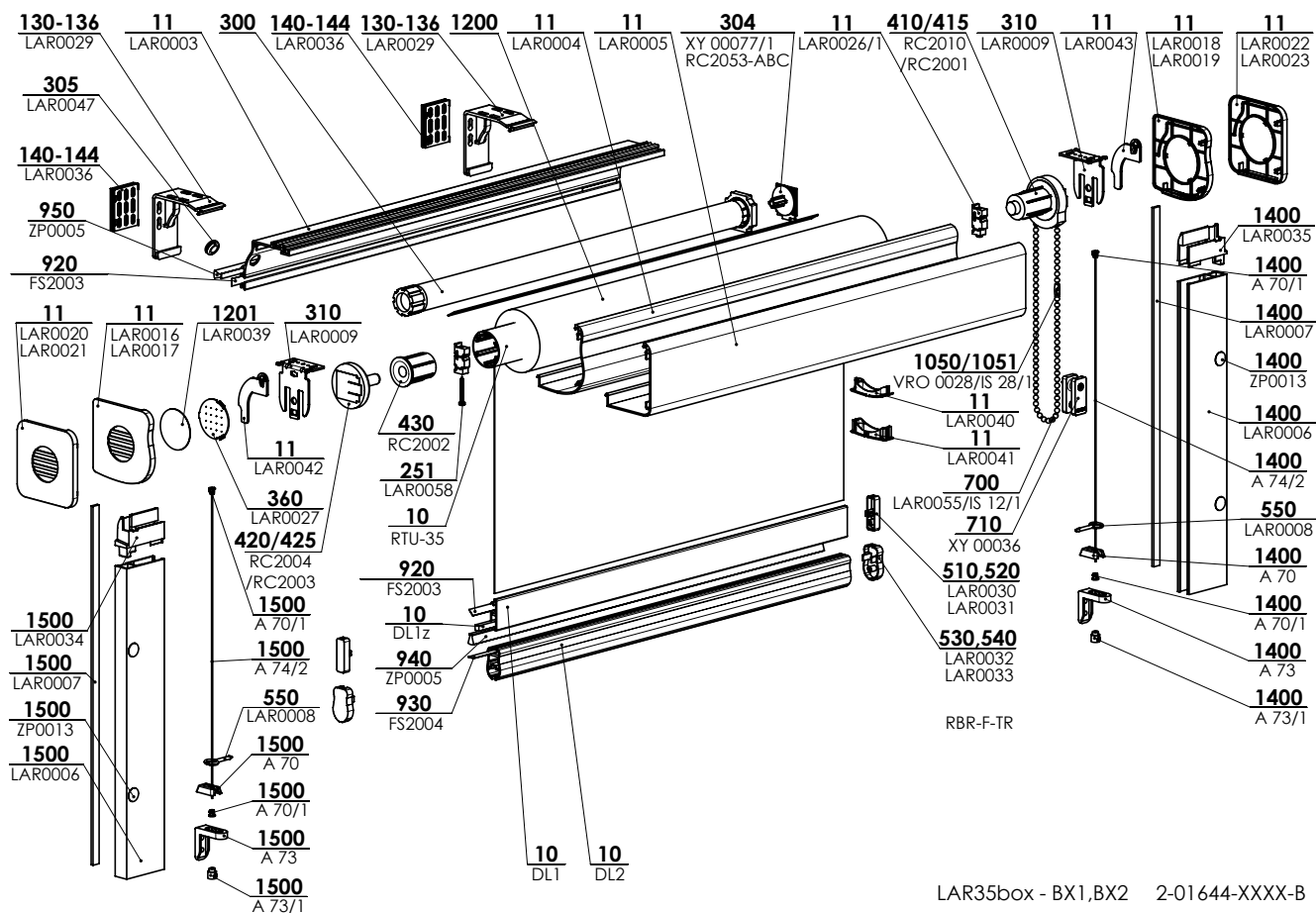
Holder number for roller blind with assembly profile

Roller blind width (mm)	Holder numbers (pc)
0 - 900	2
901 - 1600	3
1601 - 2200	4

The axis of the edge holder must be 40-50 mm from the edge of the roller blind.

LARRA SCREEN ECO, LARRA SCREEN





Specification

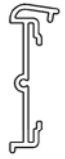
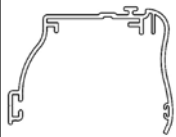
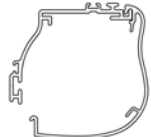
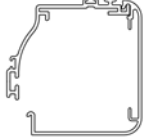
Tube 35mm – max. width of roller blind 2200mm

Control: plastit chain 4,5 mm, metal chain 4,5mm, motor ISOTRA BASIC, motor Somfy WT

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

Plastic chain: colour: white or gray

Metal chain: chrome / satin / black nickel

	Assembly holder	Assembly profile	Profile semi cassette	Box		Lower profile	Guidance	
Commercial name	LAR0009+LAR0025+LAR0010/LAR0011	LAR0001	LAR0002	LAR0003+LAR0004	LAR0003+LAR0005	DL2	L+U	L+K
Dimension (mm)	62x54x26	51x17	73x57	73x72	72x71	30x18		
Material	KOV+Plast+Plast	Al	Al	Al	A	Al		
								
Color	Standard: RAL 9003 white	Extra Charges: elox stainless satine						

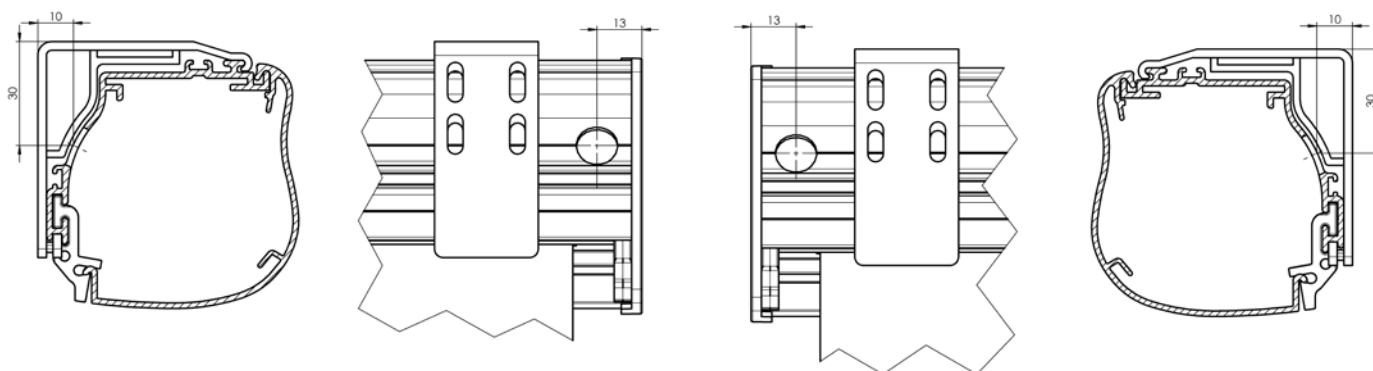
Control

Control left (L)

The chain or cable outlets are placed on the left from the interior
Cable outlet Ø8 left

Control right (R)

The chain or cable outlets are placed on the right from the interior
Cable outlet Ø8 right



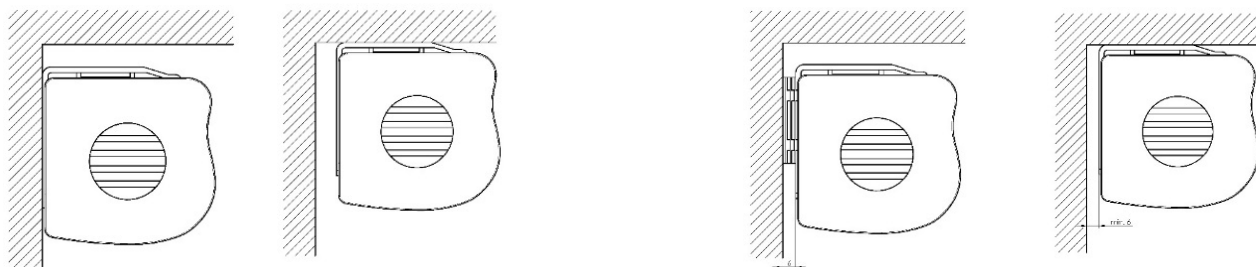
Mounting

Wall mounting

Ceiling mounting

Wall mounting fabric day-night

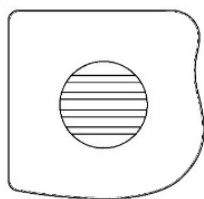
Ceiling mounting fabric day-night



Sidewalls

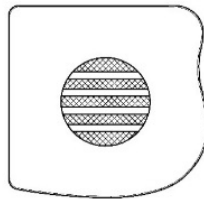
Sidewall type 1 (BT1)

- One-piece sidewall with logo molded in plastic



Sidewall type 2 (BT2)

- Multi-piece sidewall with the logo formed by the sidewall and the fabric (xxx), which is the same as roller blind fabric

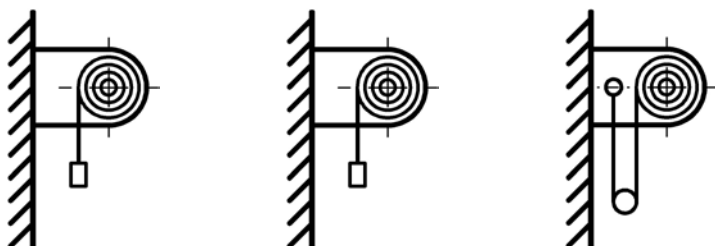


Assembly

winding to the window "A" (standard)

winding to the window "AE" (exterior lighter)

winding day-night "C"

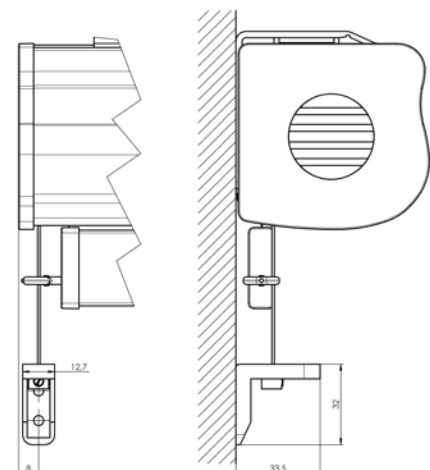


*wire guidance is not possible
*guiding channels are not possible

Interior roller blind Larra Eco/Larra box, Larra Screen Eco, Larra Screen

Wire guidance

Wire guidance with wire holder for wall mounting (L+U)



Steel wire 0,9mm

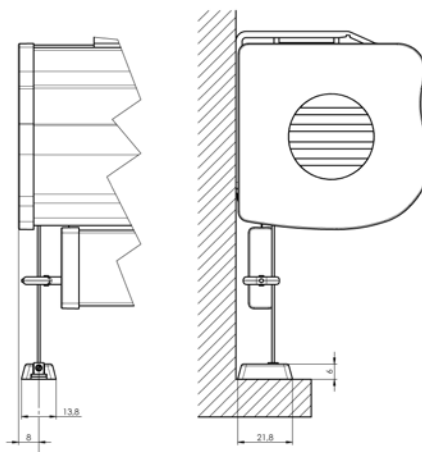
Stainless steel end pins

Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Wire guidance with wire holder for floor mounting (L+K)



Steel wire 0,9mm

Stainless steel end pins

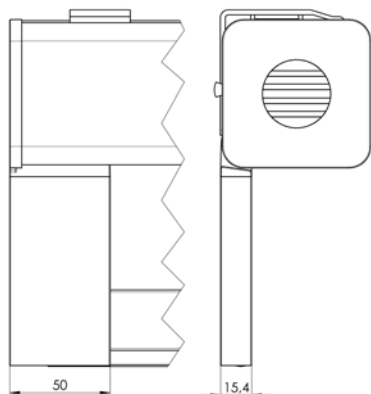
Eye for wire guidance - transparent plastic

Wall mounting bracket - transparent plastic

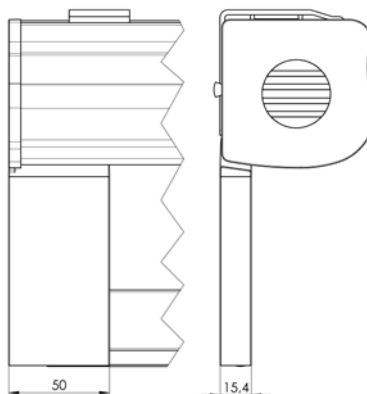
There can be only used the bottom profiles DL1 or DL2 for wire guidance.

Guiding channel guidance

One-sided guiding channel for box BX1

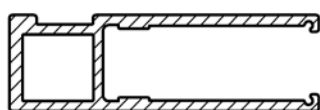


One-sided guiding channel for box BX2

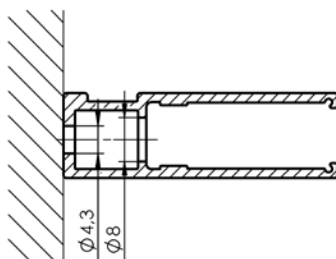


Guiding channel drilling options

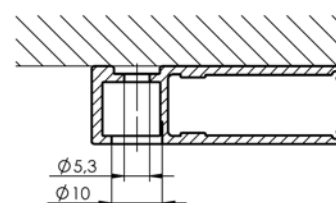
Non-drilled guiding channel (VL-L30)



Side-drilled guiding channel (VL-L30b)



Front-drilled guiding channel (VL-L30c)



By using roller blind with side rails there might be a risk that the fabric can jump off these rails under unfavorable conditions (especially draft). The bigger the roller blind is the bigger the risk is. To decrease such risk we recommend to use tougher fabrics. This phenomenon is not reason for a claim.

Bottom rail type DL1 is always used and is equipped with white-color transport side caps. Remove these side caps before mounting.

Larra roller blind with side rails can be used for room shading in case of projections or presentations but not for photos invoking, laboratory purposes etc. (it is not 100% black-out).

For the highest shading effect we suggest:

- Use black-out fabrics
- Close the gap between side rails and wall (using supplied self-adhesive profile or silicone which is not part of the delivery)
- Brush on the bottom rail shall be in close contact with windowsill so bottom rail keeps the fabric under permanent stretch (possible draft in window may raise the bottom rail up and cause a gap)

It is possible to place maximum 5 single independent roller blinds in one common box. Maximum width of one common box is 5700mm.

It is possible to place single roller blinds anywhere in the box. Options for single roller blinds in one common box are same as for standard single units. Box dimensions need to be entered always together with the first roller blind. Order of roller blinds is determined from left to right from interior view.

Interior roller blind Larra Eco/Larra 30, 30 with assembly profile, box semi cassette, box

Maximum dimensions by fabric type

Fabric	Bottom rail	Height (mm)	Width of roller blind (mm)																			
			300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
up to 0,5 mm; over 365 g/m ²	DL2	max.	3500	3500	3500	3500	3500	3500	3500	3100	2700	2400	2100	1900	1700	1500	1400	1200	1100	1000	900	800
up to 0,5 mm; over 365 g/m ²	DL1, RBR	max.	3500	3500	3500	3500	3500	3500	3500	3400	3100	2700	2500	2200	2000	1800	1700	1500	1400	1300	1200	1100
up to 0,5 mm; up to 365 g/m ²	DL2	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3400	3000	2700	2400	2200	2000	1800	1600	1500	1300	1200
up to 0,5 mm; up to 365 g/m ²	DL1, RBR	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3100	2900	2600	2400	2200	2000	1900	1800	1600
up to 0,7 mm; up to 260 g/m ²	DL2	max.	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2200	2000	1800
up to 0,7 mm; up to 260 g/m ²	DL1, RBR	max.	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
up to 0,5 mm; up to 260 g/m ²	DL2	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3200	2900	2600	2400	2200	2000	1800
up to 0,5 mm; do 260 g/m ²	DL1, RBR	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3200	3000	2800	2600	2400
up to 0,3 mm; up to 260 g/m ²	DL2	max.	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4400	3900	3500	3200	2900	2600	2400	2200	2000	1800
up to 0,3 mm; up to 260 g/m ²	DL1, RBR	max.	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4500	4100	3800	3500	3200	3000	2800	2600	2400
up to 0,7 mm; up to 170 g/m ²	DL2	max.	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
up to 0,7 mm; up to 170 g/m ²	DL1, RBR	max.	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
up to 0,5 mm; up to 170 g/m ²	DL2	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3200	2900
up to 0,5 mm; up to 170 g/m ²	DL1, RBR	max.	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
up to 0,3 mm; up to 170 g/m ²	DL2	max.	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4200	3800	3500	3200	2900
up to 0,3 mm; up to 170 g/m ²	DL1, RBR	max.	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4400	4100	3800

Fabric day-night	Bottom rail	Height (mm)	Width of roller blind (mm)																				
			300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	
Cyprus	DRC04+DRC05, DRC-07	max.	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2200	2000	1800	1600	1500	1300	1200		
Corfu	DRC04+DRC05, DRC-07	max.	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2600	2400	2100	1900	
Zakynthos	DRC04+DRC05, DRC-07	max.	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2700	2400	2200	2000	1800	1600
Rhodos	DRC-07	max.	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3300	3000	2700	
Parga	DRC04+DRC05, DRC-07	max.	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4200	3800	3500	3100	

When using day-night fabrics it might cause misbalanced coiling on the tube. This is caused by different thickness of transparent and solid stripes on fabric. This phenomenon is not reason for a claim.

Interior roller blind Larra Screen Eco/ Larra screen with assembly profile, box semi cassette, box

Maximum dimensions by fabric type

Fabric	Bottom rail	Height (mm)	Width of roller blind (mm)									
				1400	1500	1600	1700	1800	1900	2000	2100	2200
Soltis 92	DL2	max.	2600	2600	2600	2400	2200	2000	1800	1700	1600	1500
Soltis 86	DL2	max.	2600	2600	2600	2600	2400	2200	2000	1900	1700	1600
SCR 3005	DL2	max.	2100	2100	2100	2100	2100	2100	1900	1700	1600	1500

Bottom rail

Bottom rail - flat DL 1
(7-303152)



Bottom rail - wave DL2*
(7-303174)



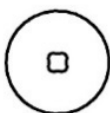
Bottom rail AL - fabric cover RBR/1
(7-302578)



Bottom rail day-night DRC-04 + DRC-05
(6-011135 + 6-011134)



Bottom rail day-night - round DRC-07
(6-015471)



*Applies for Larra and Larra SCREEN

Interiour roller blind Larra Eco/Larra 30, 30 with assembly profile, box semi cassette, box, Larra Screen Eco, Larra Screen

Control

Control left (L) - the chain or cable outlet are placed left from interior

Control right (R) - the chain or cable outlet are placed right from interior

Control - manual

Endless chain thick, metal chain 4,5 mm

For the day-night version, the chain is supplied in an "endless", so called loop design.

Plastic chain: colour: white or gray

Metal chain: chrome / satin / black nickel

Control - motor

Motors ISOTRA BASIC

- motor with integrated battery and with receiver

- control via remote control (not included - it can be ordered)

position	Item name	business name	drawing number
150	Motor AM25 (DC 5V) with integrated battery and receiver	XY 00074/I	6-019128-0000
160	Power supply for AM25 (DC 5V)	XY 00076/I	6-019129-0000
161	Power cable USB-C pro AM25	XY 00079	6-019130-0000
170	ISOTRA BASIC, 1-channel hand transmitter, 433MHz, white	X.AC127-01W	6-017850-0001
180	ISOTRA BASIC, 6-channels hand transmitter, 433MHz, white	X.AC127-06W	6-017850-0006

Motor Somfy mechanical WT or motor Somfy RTS (MSm) (2-00721-0001)

- motor WT for connection to electricity distribution (24V=) or RTS battery motor

- source (not included - it can be ordered)

- button control on the wall (not included - it can be ordered)

position	item name	business name	drawing number
11	Motor – Roll Up 28 WT – 24V	LAR0045	6-015168-0001
20	Power supply 12V = T&L motor	LAR0056	6-014972-0000
30	Empty tube for 10 pcs NiMH AKU	LAR0050	6-015169-0000
40	Set of 10 AA rechargeable batteries NiMH AKU	LAR0048	6-015169-0001
50	Charger for rechargeable battery NiMH AKU	LAR0049	6-015169-0002
60	Motor adapter for drive Somfy DC Ø28-30-35	RC2047-ABC	6-015170-0000
70	Motor driver for drive Somfy DC Ø28-30-35	RC2048-ABC	6-015170-0001
72	Pad M3, DIN 124-1A, 5.8, Zn	LAR0053	6-002682-0001
74	Screw 2,9x6,5, DIN 7981 C,H, Zn	DZ 224	6-003135-0000
80	Holder of motor Somfy 28 WT	RC2053-ABC	6-015170-0002
90	Holder of drive with star hole	LAR0054	6-015712-0000

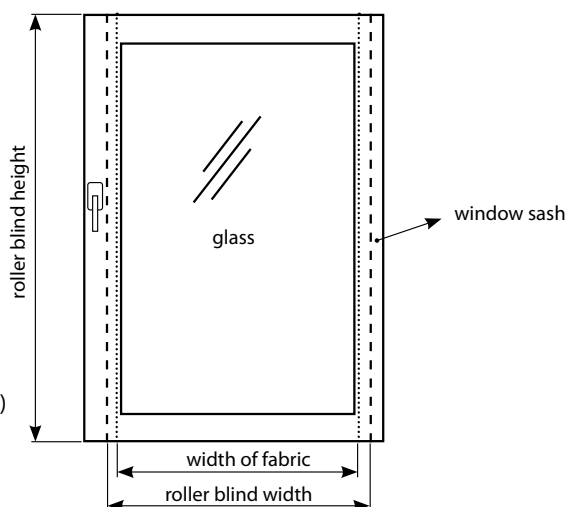
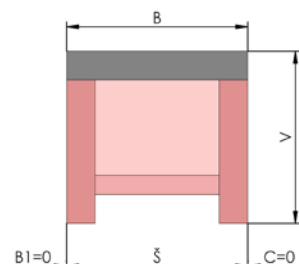
Interiour roller blind Larra Eco/Larra 30, 30 with assembly profile, box semi cassette, box, Larra Screen Eco, Larra Screen

Measurement and assembly

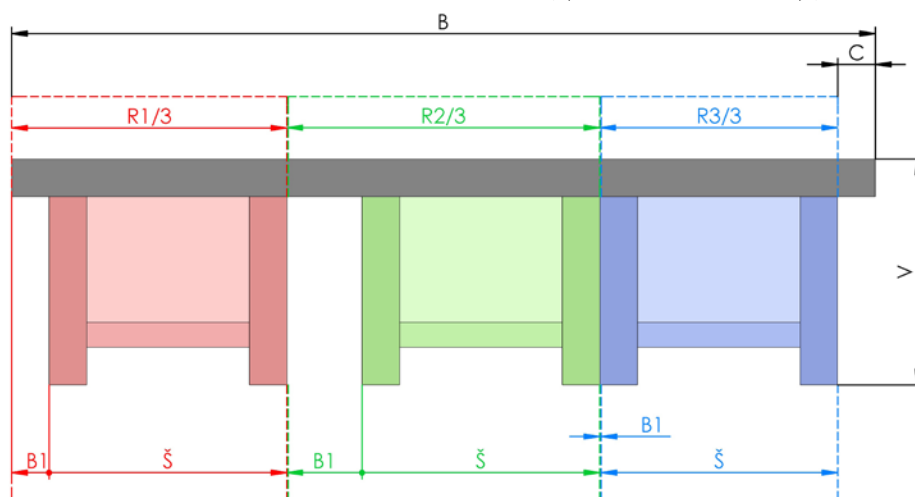
1. Measurement

ROLLER BLIND WITH HOLDERS WITHOUT DRILLING

Sole roller blind



More roller blinds in one cassette (interior view)



It is possible to place the roller blind into lining or above the opening (on the wall or ceiling). The width and height are measured in the following manner:

Sole roller blind:

- B – Cassette length – value is same as $\check{S}$ – for LAR30 and LAR30mp is always 0
- $\check{S}$ – Width of blind for installation into lining. You shall measure real width of the opening, deduct 5mm and put this value into the order form. For real width of the blind it is necessary to deduct gaps – see next paragraph.
- $\check{S}$ – Width of blind for installation above the opening. Usually 200mm are added to the measured width of the opening and put into order sheet. For real width of the blind it is necessary to deduct gaps – see next paragraph.
- B1 – Always 0
- C – Always 0
- V – Height – you shall measure the whole height including top profile.

Roller blind with holders without drilling

The width of the roller blind is not the same as the width of the fabric, deductions must be made to calculate the actual width of the fabric, see table below.

For roller blinds with guides, 10mm should be subtracted from the height of the roller blind due to the tension angle.

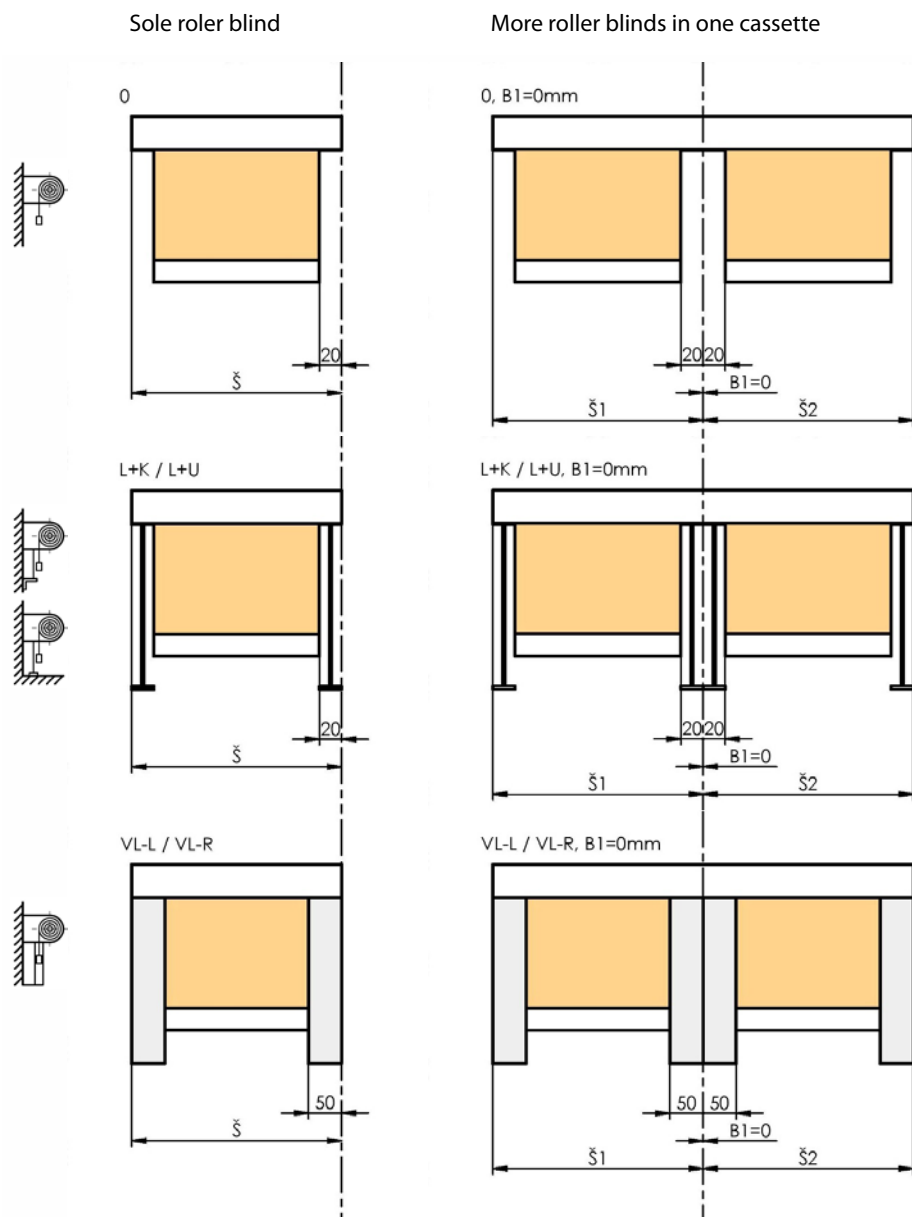
More roller blinds in one common cassette:

- B – Common cassette length for installation into the lining. You shall measure real width of the opening, deduct 5mm and put this value into the order form.
- B – Common cassette length for installation above the opening. Usually 200mm are added to the measured width of the opening and put into order sheet.
- $\check{S}$ – Width of single roller blind. For real width of the blind it is necessary to deduct gaps – see next paragraph.
- B1 – Gap from the edge of the cassette or previous roller blind
- C – Gap between last roller blind and edge of the cassette – control measure.
- V – Height – you shall measure the whole height including top profile.

Interiour roller blind Larra Eco/Larra 30, 30 with assembly profile, box semi cassette, box, Larra Screen Eco, Larra Screen

Measurement and assembly

Gaps deduction for real size of fabric



Gaps sizes may vary with +/- 5mm tolerance

Informative: Deduction for calculating the actual width of the fabric compared to the total width of the roller blind:

	Larra	Larra with fabric day/night	Larra ECO	Larra ECO D/N
tube 30	width – 47 mm	width – 47 mm	width – 40 mm	width – 47 mm
tube LARRA SCREEN 35	width – 50 mm	X	width – 43 mm	X

Interiour roller blind Larra Eco/Larra 30, 30 with assembly profile, box semi cassette, box, Larra Screen Eco, Larra Screen

Measurement and assembly

2. ASSEMBLY

Please make the assembly only according to this manual. You can avoid useless mounting failures or other concerning inconveniences.

ASSEMBLY TOOLS:

- Tape measure
- Spirit level
- Electric drill as per the source of surface
- Cordless electric drill
- Magnetic adapter, bit PZ2
- hammer
- pliers 2x
- flat screwdriver
- cross screwdriver
- screws, dowels

INSPECTION:

- Before assembly we recommend inspecting all the parts after the delivery of the goods to prevent any problems. Any defects or comments concerning the assembly or blinds must be notified to the manufacturer.

Please note: When installing LARRA roller shutters with brackets without holes, it is important that a minimum distance of 65 mm, ideally 70 mm, is maintained between the sash and the window to ensure that the window is fully functional. If this distance is not maintained, the window cannot be opened to 90 degrees. Therefore, make sure that this minimum dimension is maintained during installation to ensure maximum functionality of the window.

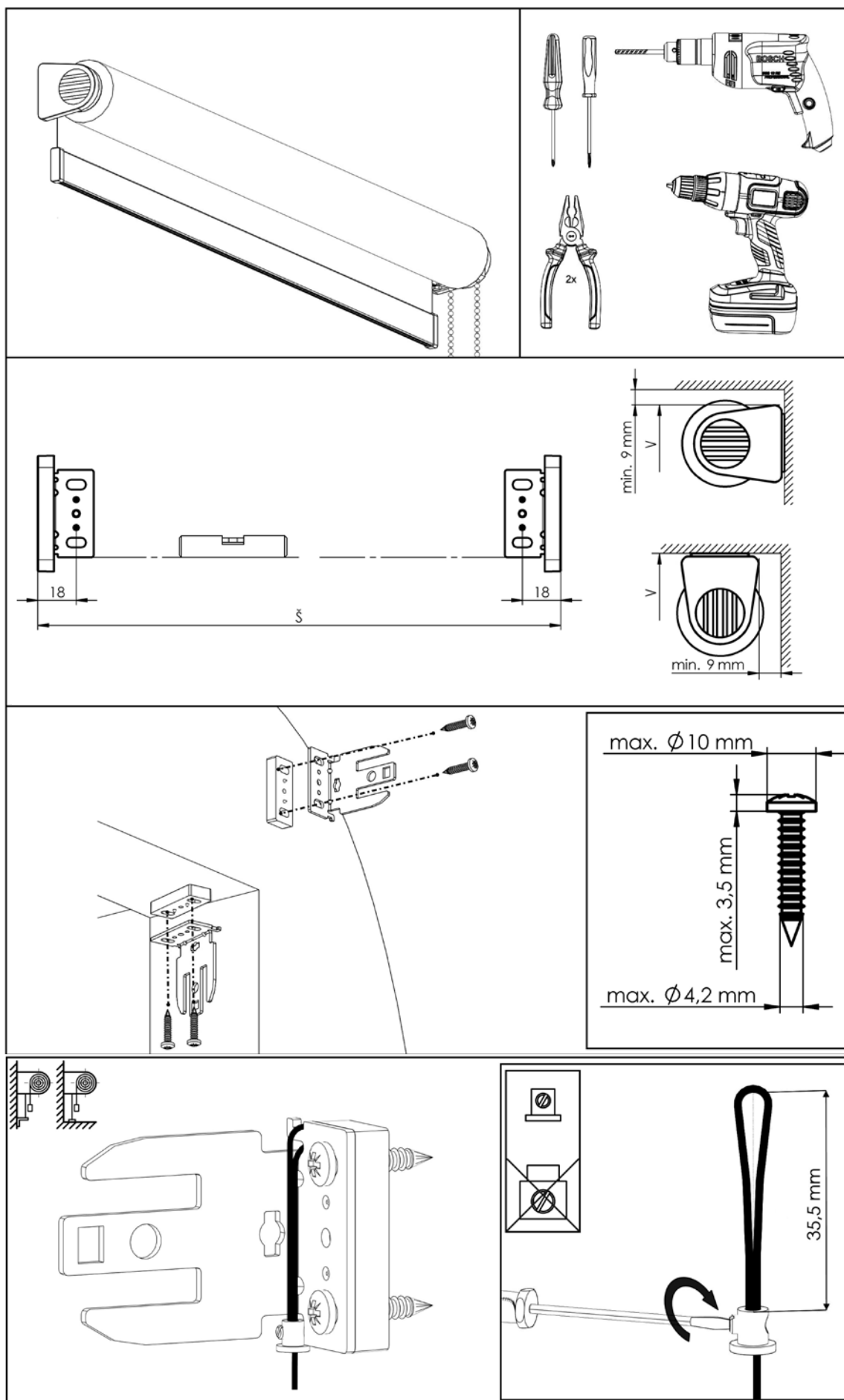
KEY SYMBOLS USED:

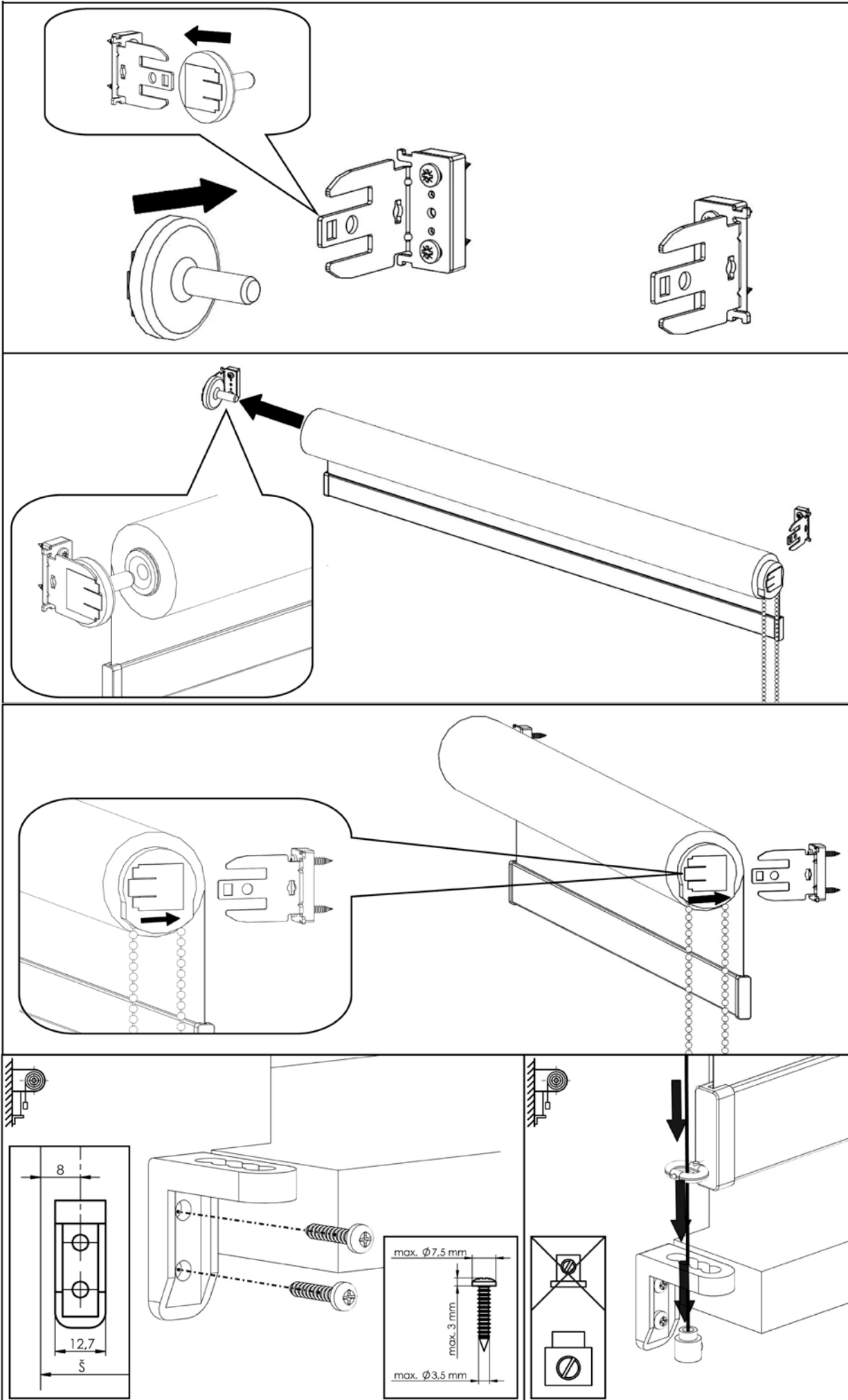
	Valid for freehanging roller blind		Valid for roller blind guided by wire, mounting to the wall
	Valid for roller blind guided by wire, mounting on the sill		Valid for roller blind guided by guiding channels
	Valid for day-night roller blind		Valid for assembly of guiding channels to the wall
	Valid for assembly of guiding channels to the lining		Tip for easy assembly
	Perform a visual inspection		

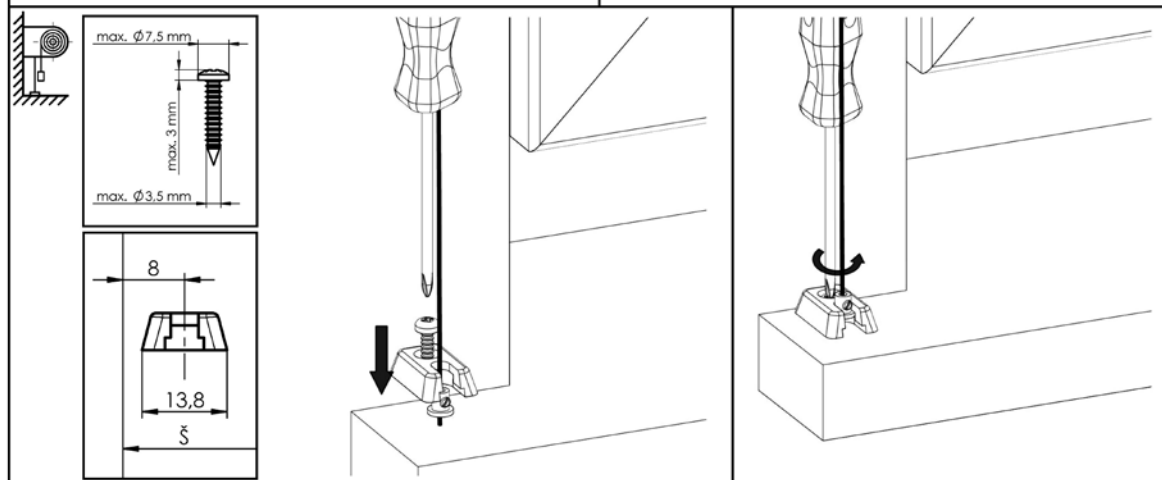
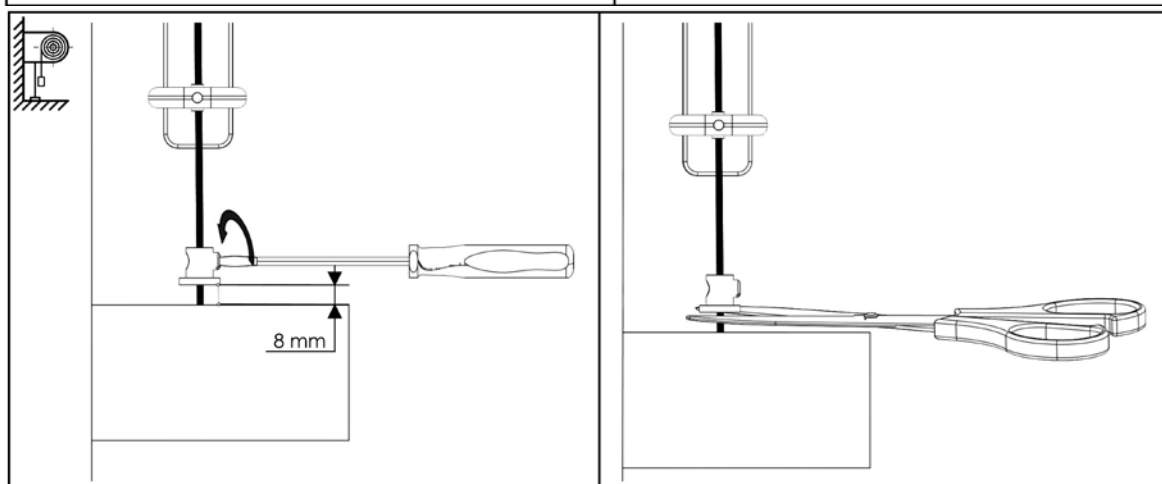
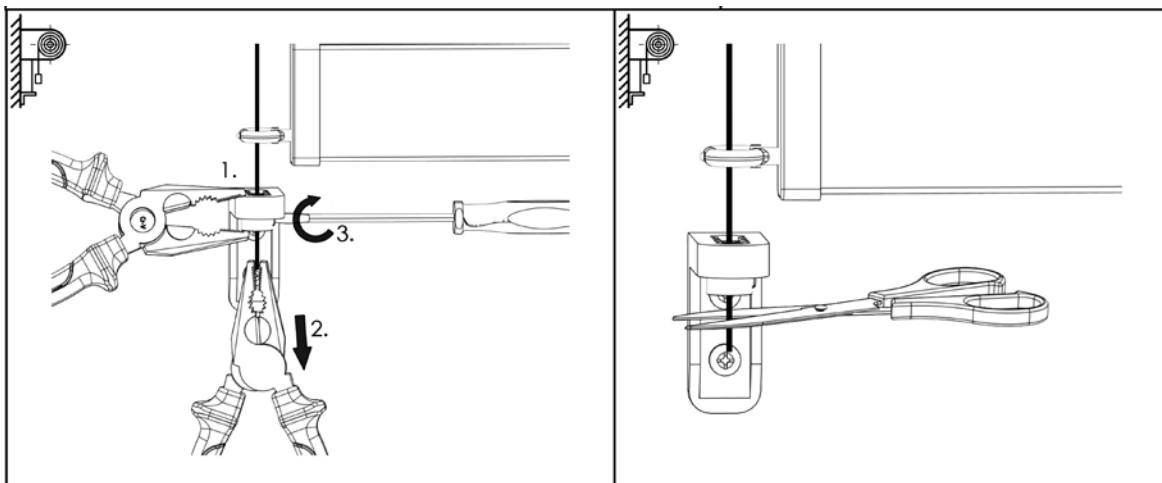
ROLLER BLIND ON SEPARATE BRACKETS:

- Roller blind LARRA with separate brackets is delivered in disassembled condition
- Check the roller blind sizes
- Make the mounting according to the picture manual below
- Check end positions, brake function and overall functionality of the roller blind.

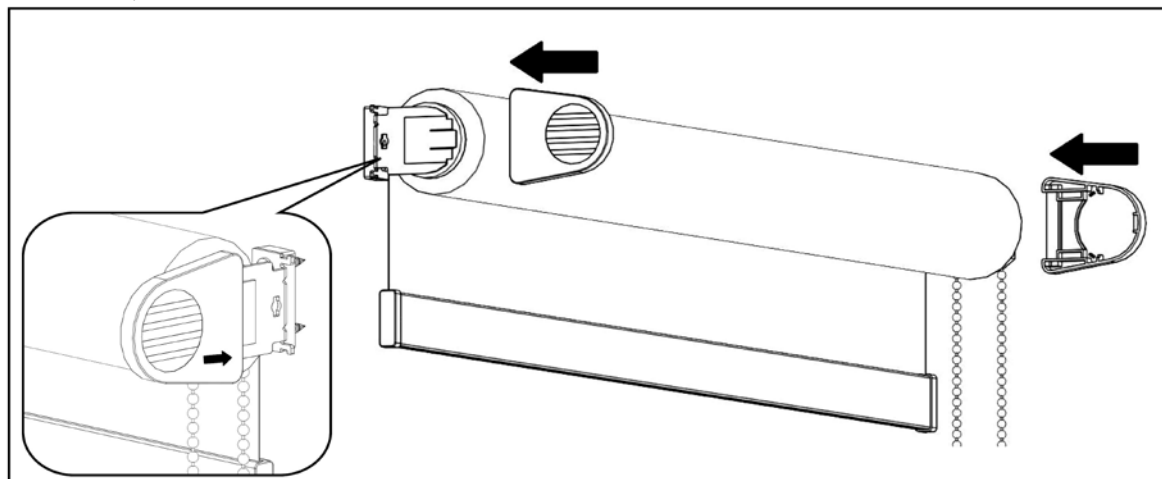
Assembly:







Disassembly:

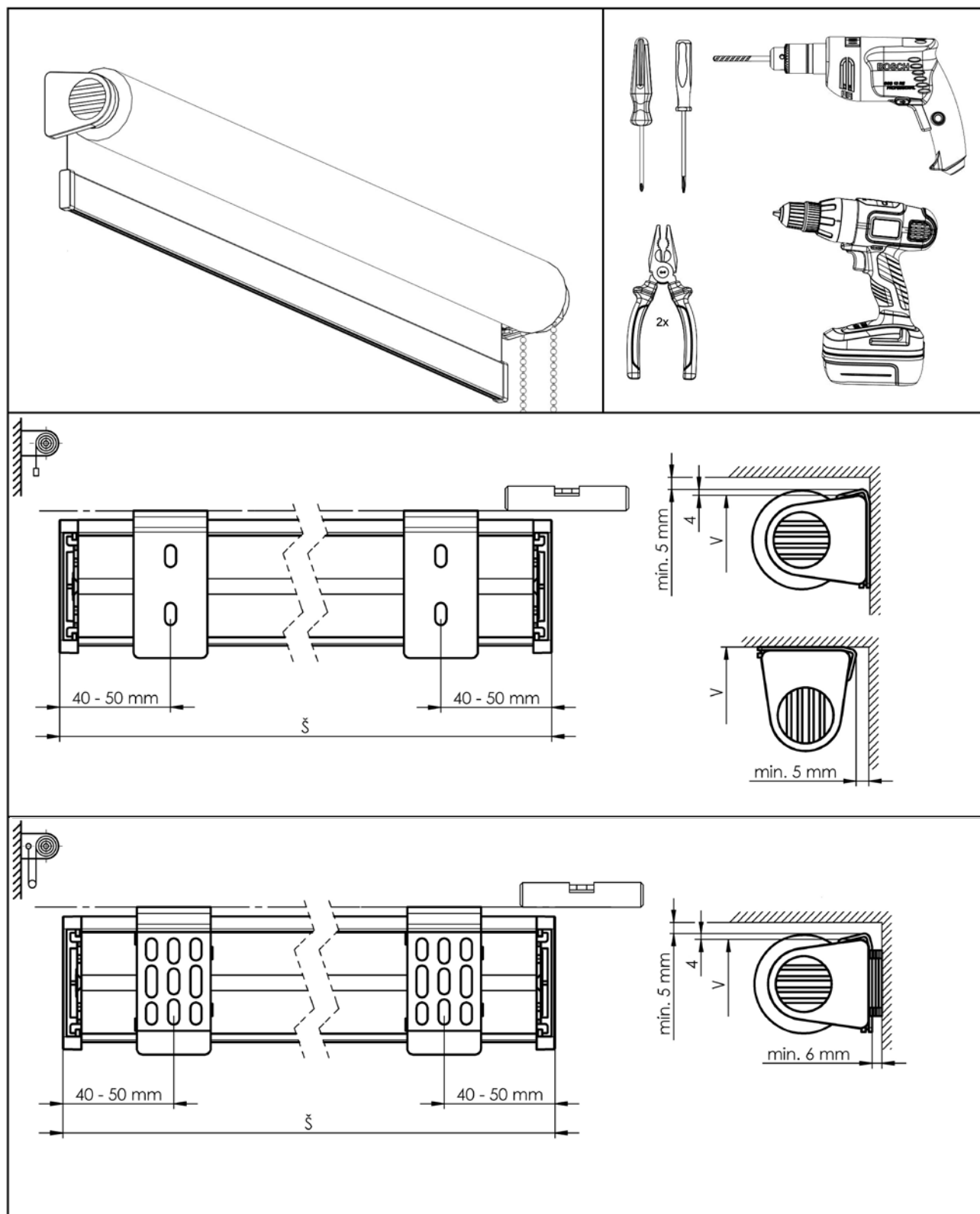


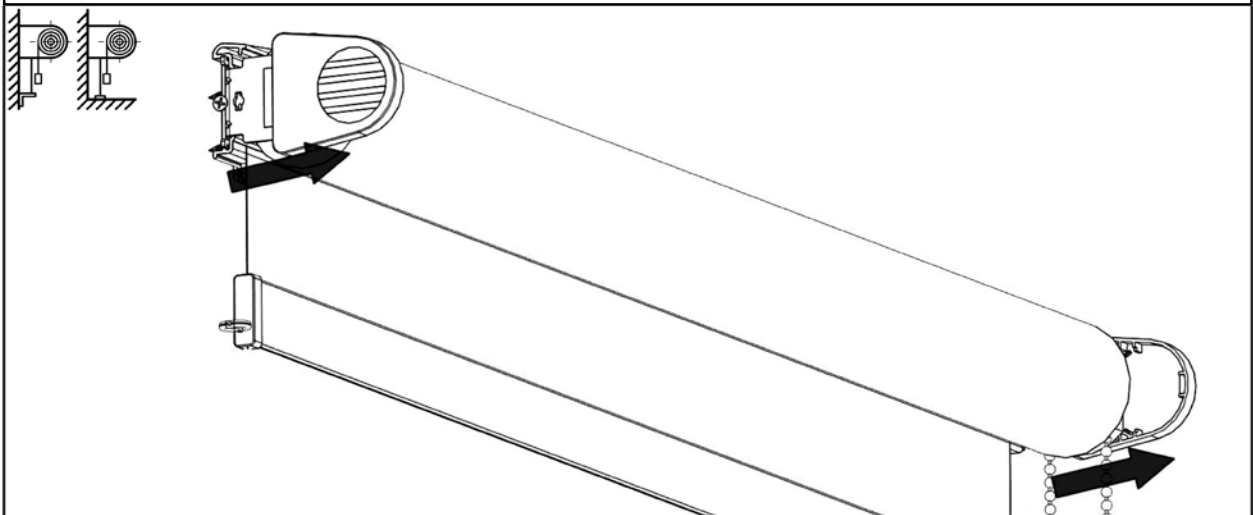
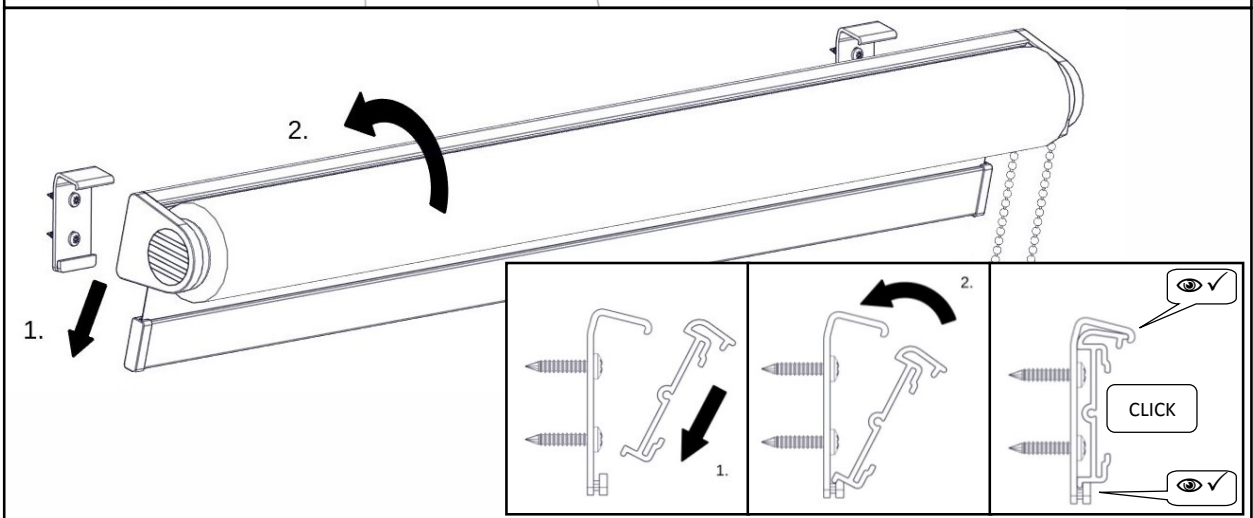
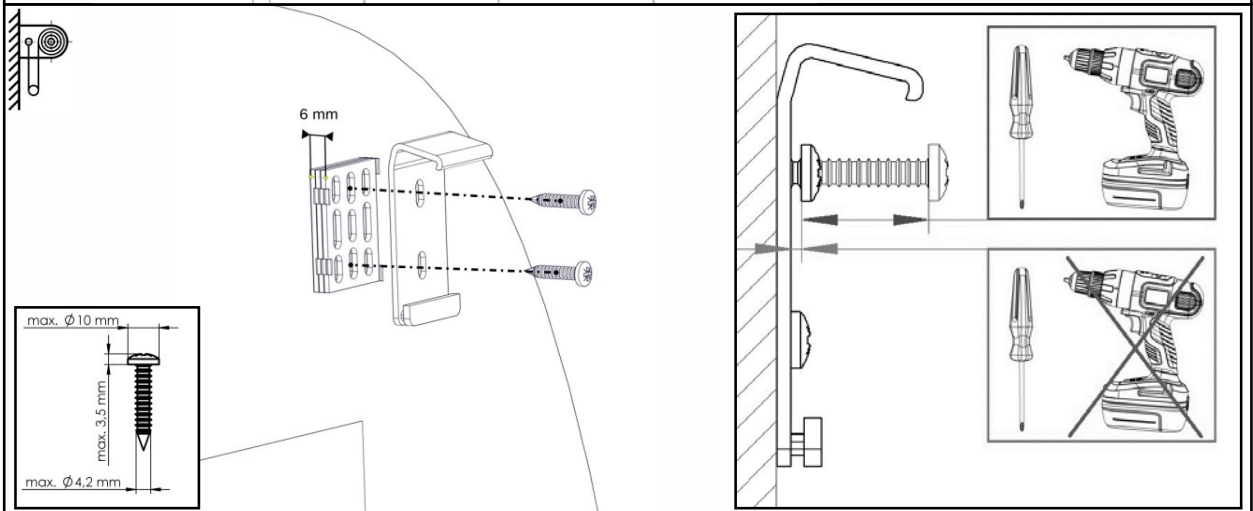
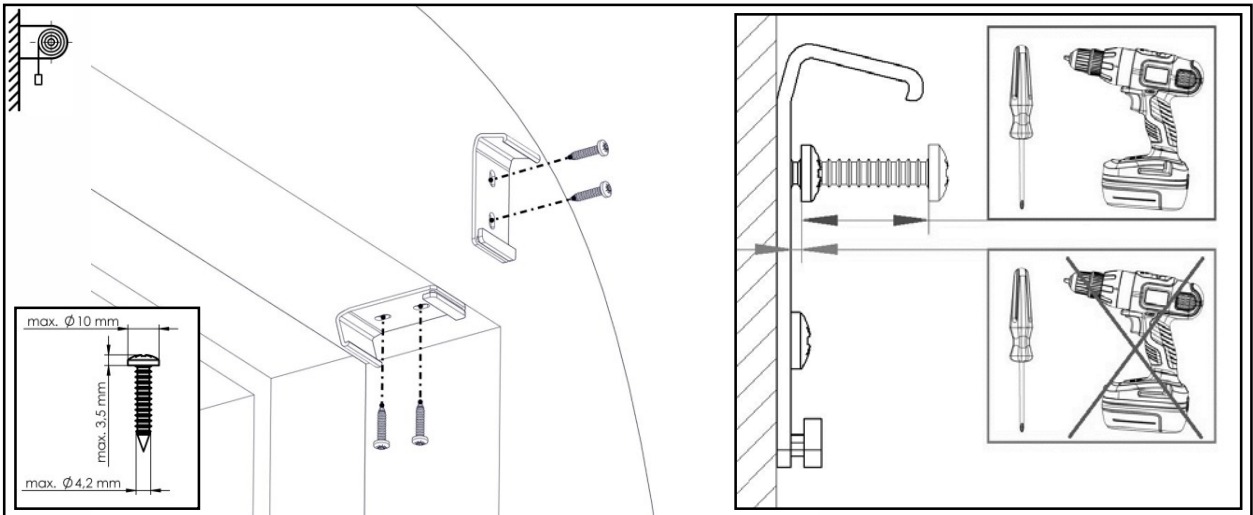
ROLLER BLIND WITH MOUNTING PROFILE:

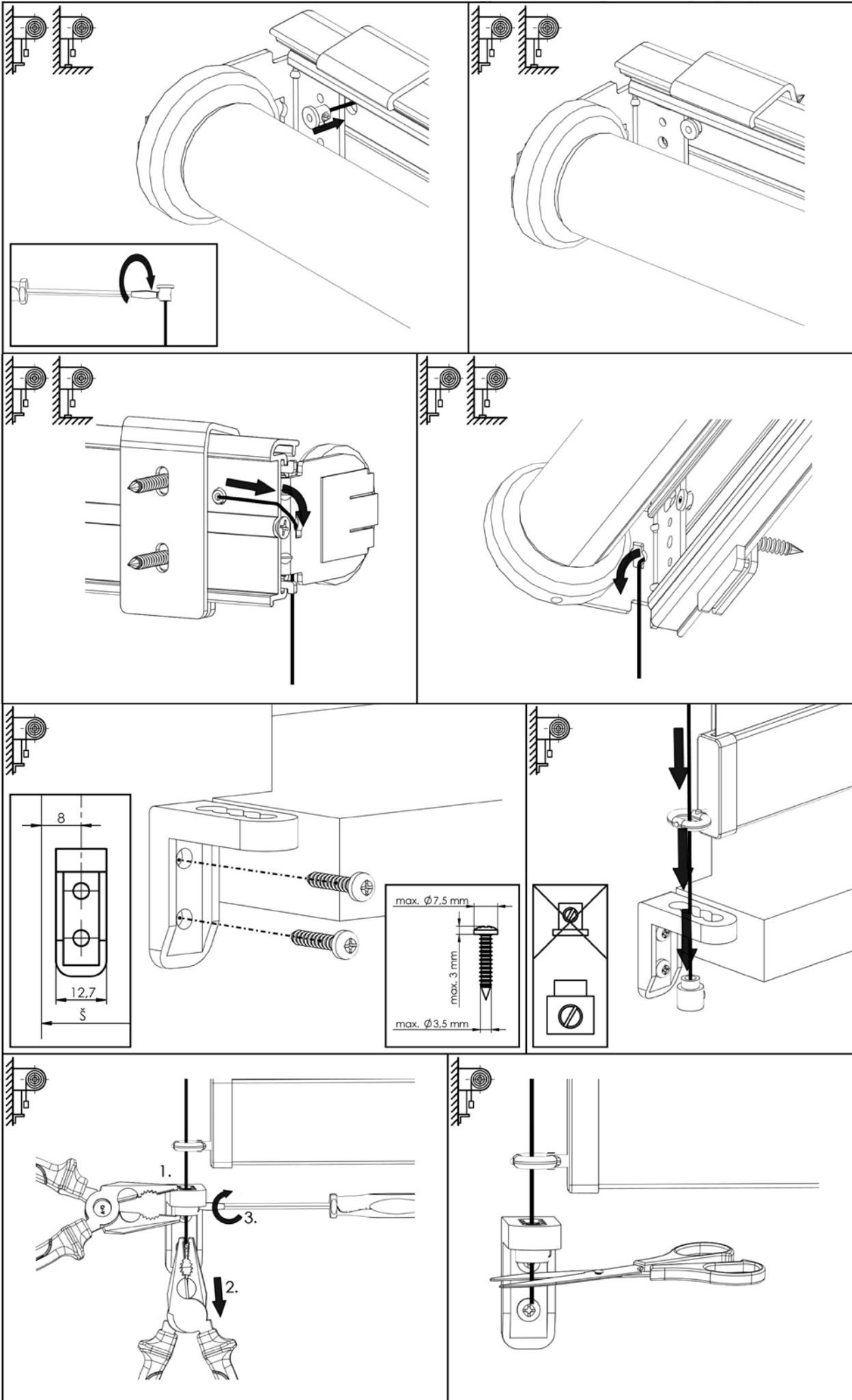
- Roller blind LARRA with mounting profile is delivered in assembled condition directly from the production plant.
- Check the roller blind sizes
- Make the mounting according to the picture manual below
- Check end positions, brake function and overall functionality of the roller blind.

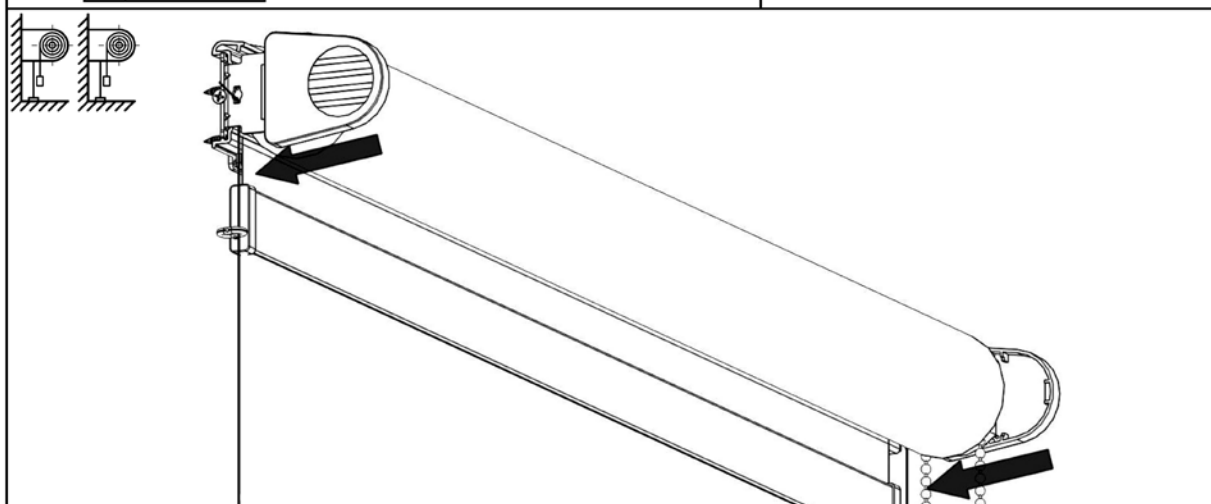
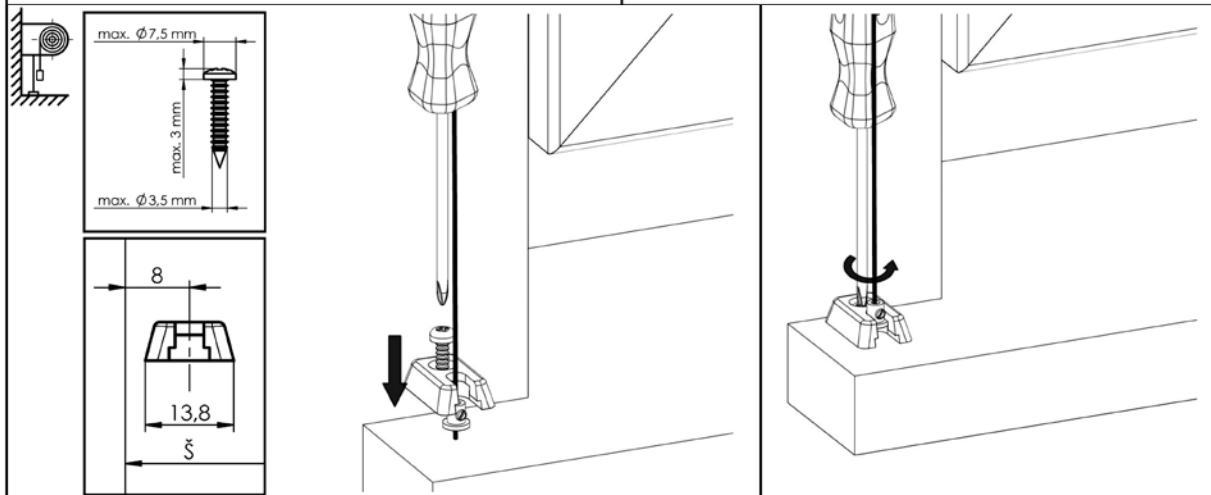
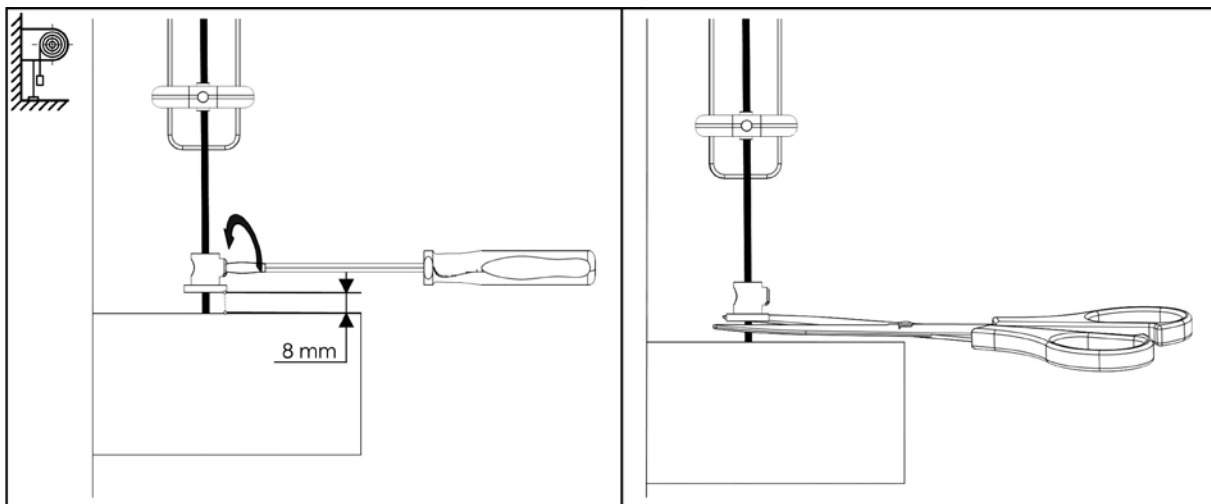
Number of brackets for roller blind with mounting profile

Roller blind width (mm)	Number of brackets (pcs)
0 - 900	2
901 - 1600	3
1601 - 2200	4

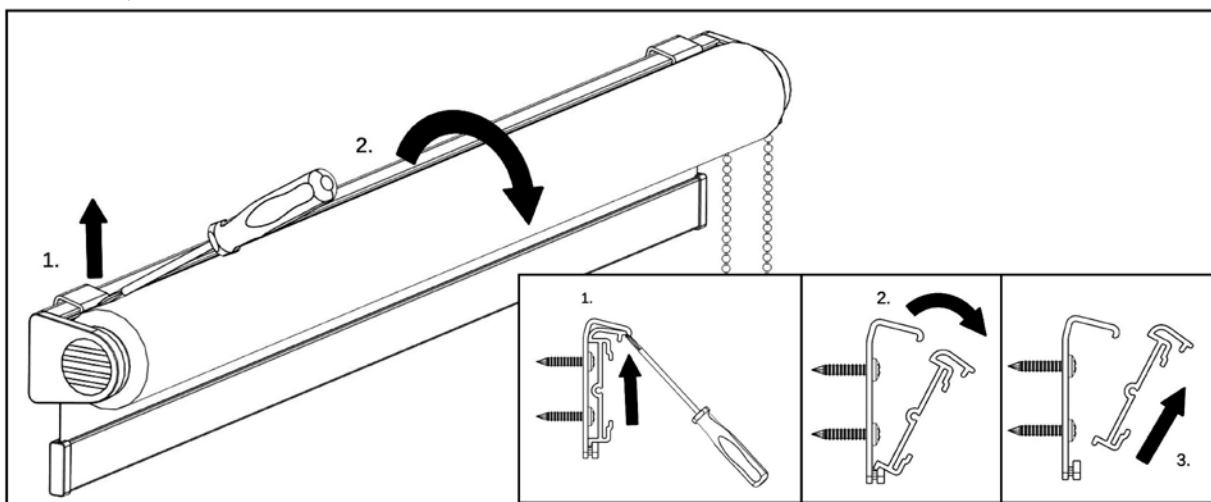
Assembly:







Disassembly:



ROLLER BLIND WITH CASSETTE:

- Roller blind LARRA with cassette is delivered in disassembled condition
- The Velcro, which the box is pulled, we do not remove. The Velcro remove after assembly.
- Check the roller blind sizes
- Make the mounting according to the picture manual below
- Check end positions, brake function and overall functionality of the roller blind.

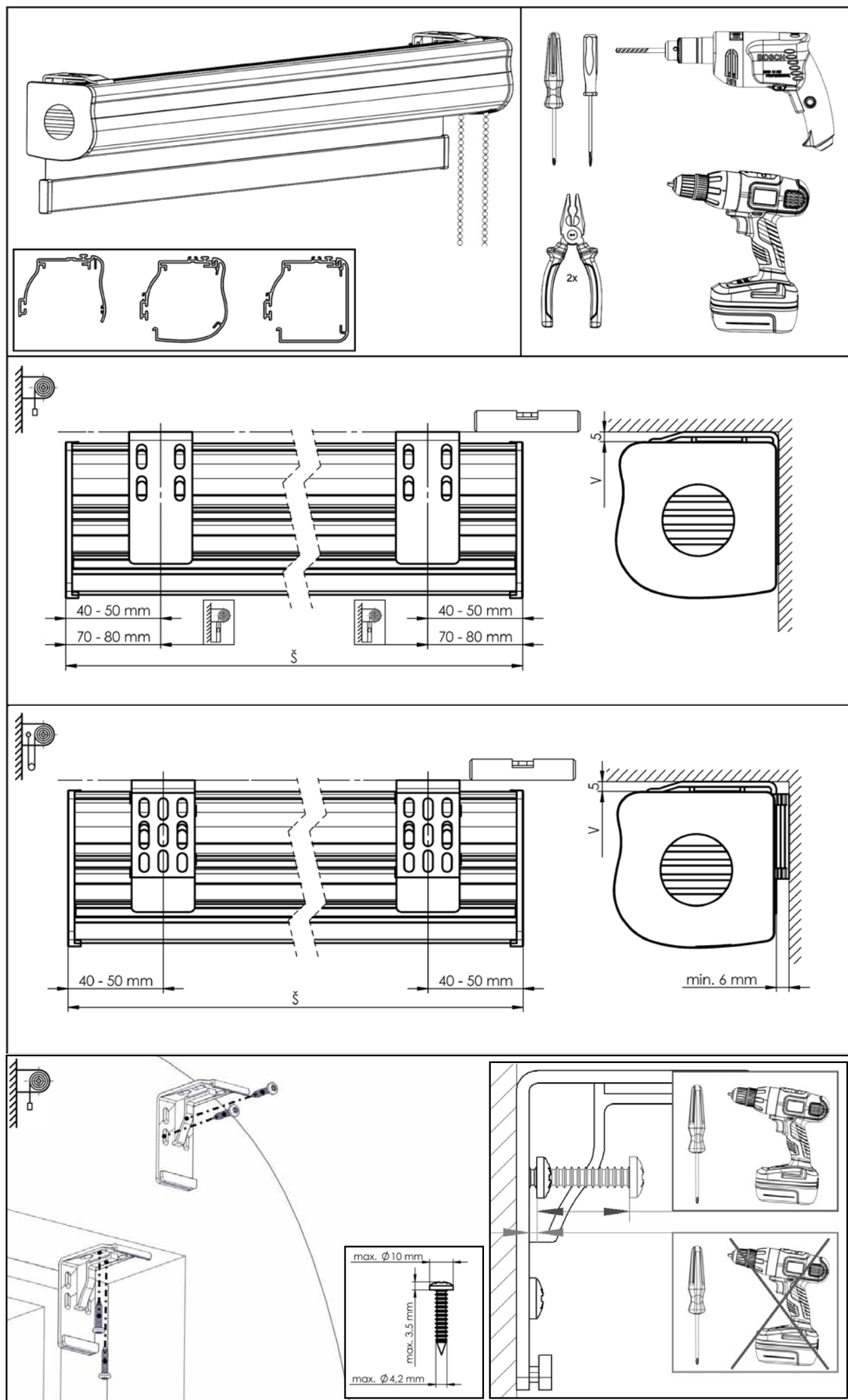
Number of brackets for sole cassette roller blind

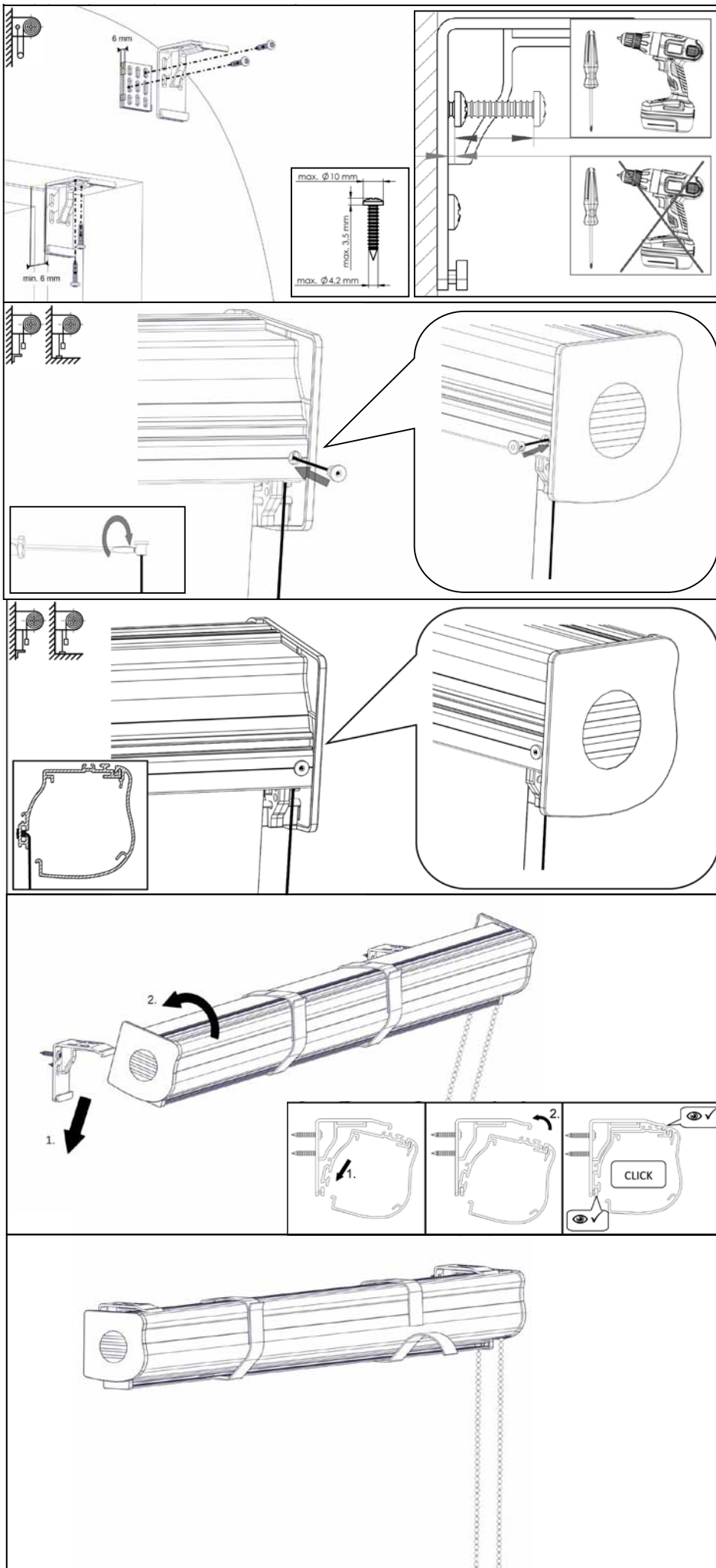
Roller blind width (mm)	Number of brackets (pcs)
0 - 900	2
901 - 1600	3
1601 - 2200	4

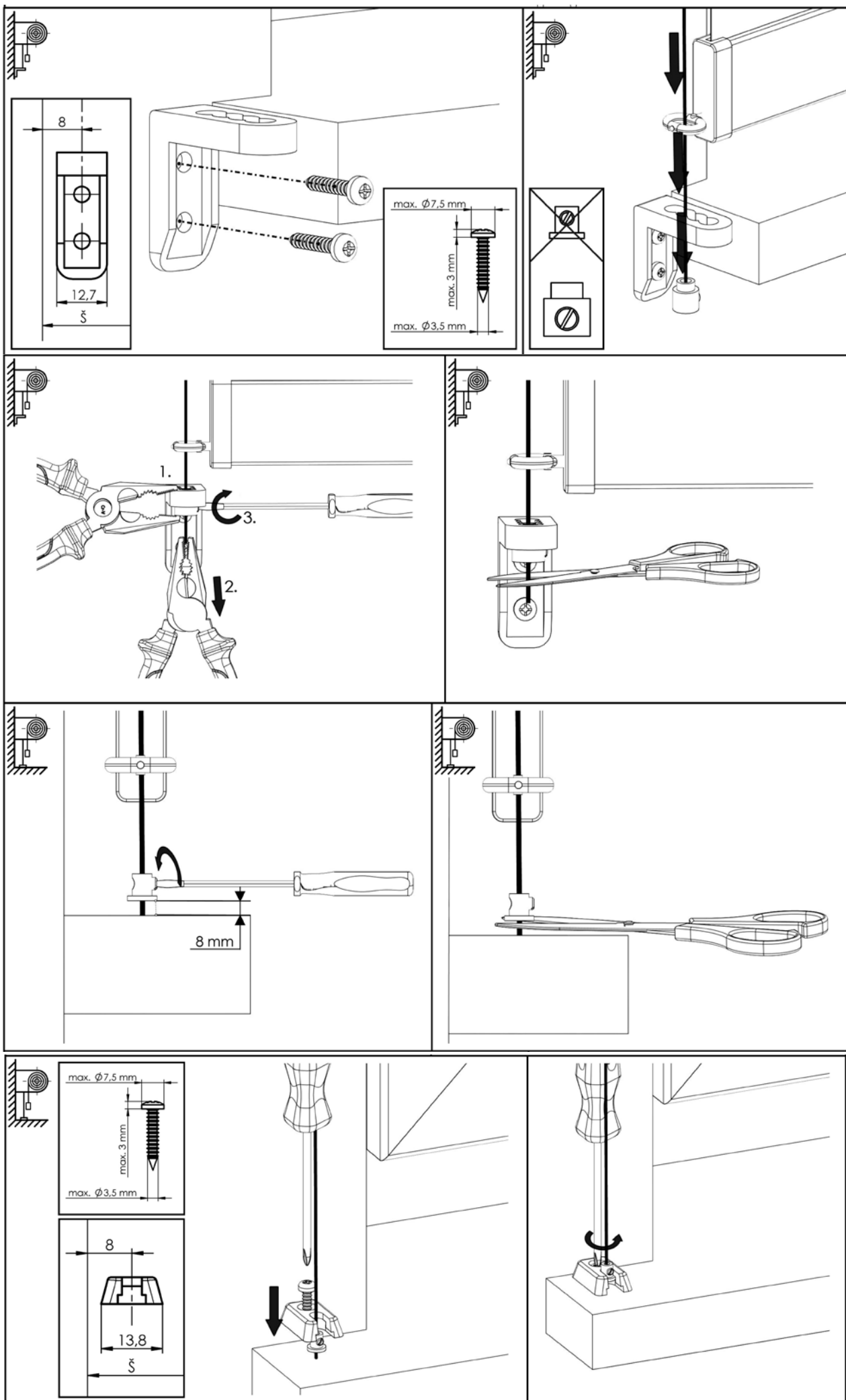
Number of brackets for more blinds in one common cassette

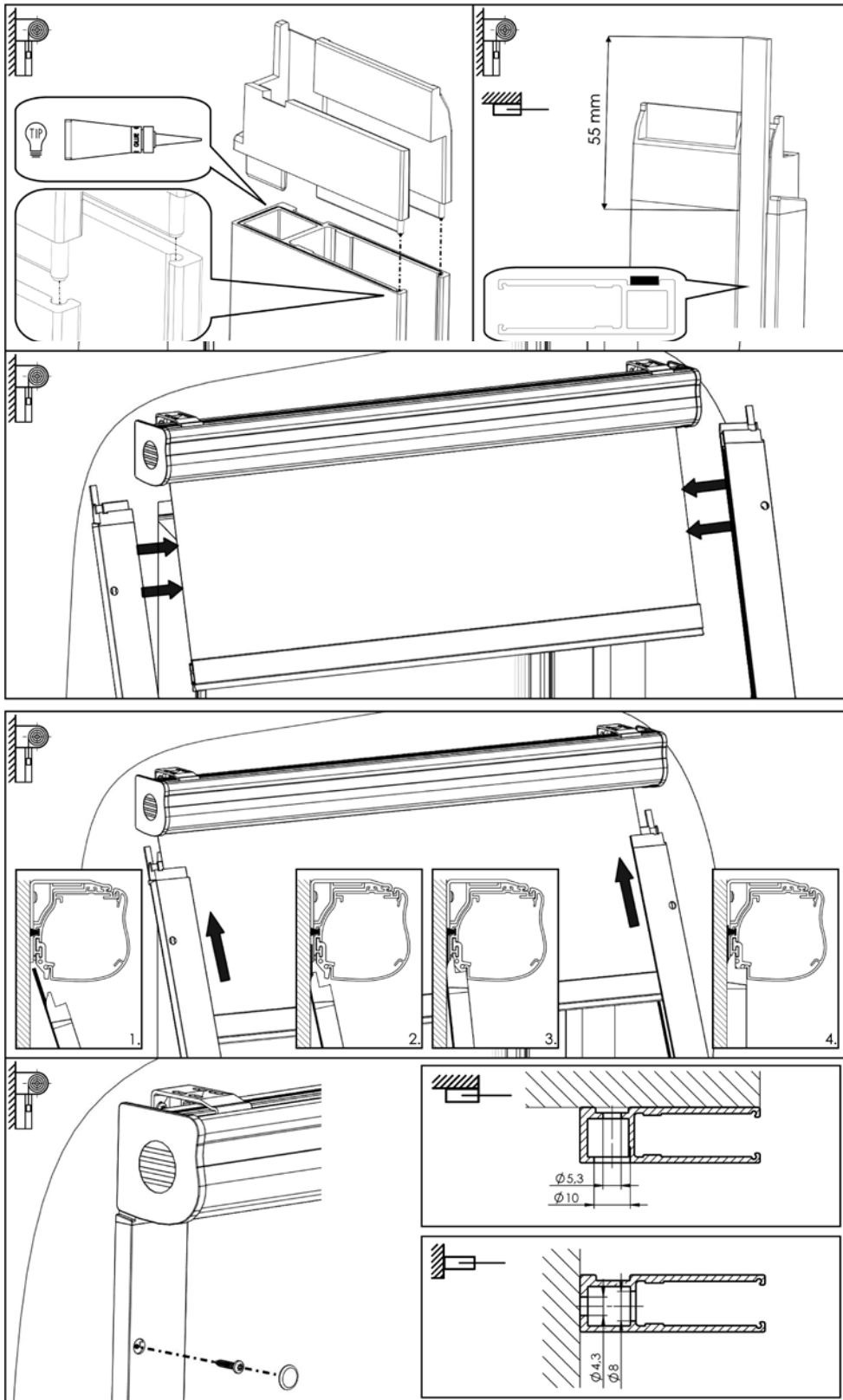
Roller blind width (mm)	Number of brackets (pcs)
0 – 900	3
901 – 1600	4
1601 – 2200	5
2201 – 3200	7
3201 – 4000	8
4001 – 4800	9
4801 – 5700	10

Assembly:

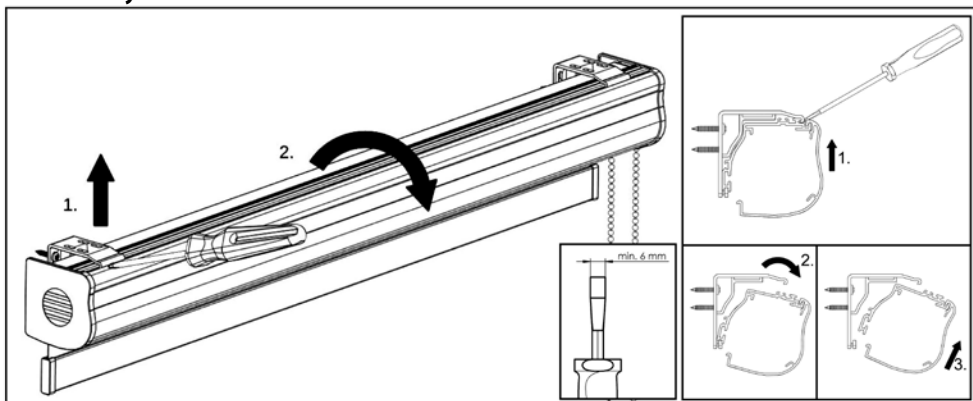








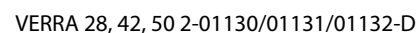
Disassembly:





- ▲ Simple design
- ▲ Wide colour range of fabrics used
- ▲ Easy handling and assembly

ISOTRA *Quality*



Metal chain: colour: satin nickel

Due to the development of the product, it is possible to adapt the product

*For motor operation the minimum width is 500mm.

Standard dimensions Verra – tube 50 – with screen fabric

Fabric	Width (mm)		Height (mm)		Area (m²)
	min.	max.	min.	max.	max.
Satiné, Satiné Metal	300	3000	300	3200	9,8
Screen Nature	300	3000	300	5500	16,5
SCR 3005	300	3000	300	4100	12,5
Soltis 92	300	3000	300	4000	12,2
Cristal plus 500 35	300	3000	300	2830	8,4

Verra (2-01130/01131/01132-XXXX)

Position	Item name	Abbreviation	Drawing number
10	Steel wire 0,9 mm	A 74/2	6-000181-0000
10	Winding roller dia. 28mm self-adhesive	RTU-28	6-010805-0028
10	Winding roller dia. 42mm self-adhesive	RTU-42	6-010805-0042
10	Mounting profile 25mm WHITE / ELOX	RCUP-25-W / A	6-011127-000W / 000A
10	Mounting profile 42mm WHITE / ELOX	RCUP-42-W / A	6-011125- 000W / 000A
10	Tube RTU-50	RTU-50/1	7-303595-0050
10	Bottom rail DAY/NIGHT WHITE / ELOX	DRC-05-W / A	6-011134-000W / 000A
10	Bottom rail DAY/NIGHT WHITE / ELOX – round	DRC-07-W/A	6-015471-000W/000A
10	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-04-W / A	6-011135-000W / 000A
10	Bottom rail profile - fabric cover	RBR/1 9010 / PU52	7-302578-9010 / PU52
120-160	Clip for mounting profile 25 WHITE / GREY	RCU-SC25-W / G	6-011126-000W / 000G
120-160	Clip for mounting profile 42 WHITE / GREY	RCU-SC42-W / G	6-011118-000W / 000G
200	Screw M4x6 Din 913	07810.040.006	6-005395-0000
300	Motor (ISOTRA BASIC)		2-01148-0000
301	ISOTRA BASIC Motor holder	XY 00077/1	3-03164-0000
400	Plastic sidewall 28 WHITE / GREY	RC2009-W / GR	6-014544-000W / 00GR
400	Plastic sidewall 42 and 50 WHITE / GREY	RC3010-W / GR	6-014551-000W / 00GR
410	Control mechanism 28 plastic WHITE / SATEEN	RC2001-W / GR	6-014545-000W / 00GR
410	Control mechanism 42 and 50 plastic WHITE / GREY	RC3001-W / GR	6-014553-000W / 00GR
420	Adjustable bolt + carrier WHITE / GREY - SET	RC2004-W / GR	6-014547-000W / 00GR
421	Fixed bolt + carrier WHITE / GREY	RC2003-W / GR	6-014806-000W / 00GR
430	Tube end 28 WHITE / GREY	RC2002-W / GR	6-014546-000W / 00GR
430	Tube end 42 WHITE / GREY	RC3005-W / GR	6-014555-000W / 00GR
440	Adapter of 42 tube	RC3026	6-014557-0000
600	Spring 1,6 x 500 LEFT	RC3109	6-008854-0001
600	Spring 1,6 x 500 RIGHT	RC3108	6-008855-0001
601	Control mechanism adapter L+R	RC3110	6-018115-0000
700	Rough control chain (4,5x6 mm)	IS 12/1	6-000962-XXXX
700	Metal control chain (4,45x6,15 mm)	VRO 0311	6-008794-0000
700	Rough endless chain (interior blinds)	IS 12/51	2-00608-0003
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4 mm	FS2003	6-017815-0000
1000	Chain connector	IS 28/1 9006/9010	2-01039-9006/9010
1010	Fixed pulley	XY 00036	2-01045-0000
1050	Metal chain connector 4,5mm	VRO 0028	6-008792-0000
1100	Bottom rail cover plastic - fabric cover	RCU-44-TR	6-012457-00TR
1110	Bottom rail cover plastic - fabric cover + accessories	RBE-F-TR	6-012454-00TR
1120	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-09-A/W	6-015472-000A/000W
1120	Cover - SET - DAY/NIGHT WHITE/GREY + COUPLE	DRC-03-W/G	6-011136-XXXX
1130	Pin for RCU-44	RCU-19-TR	6-012458-00TR
1200	Fabric		see Fabric swatch
1300	Double side adhesive tape 10x0,8	FS2004	6-017816-0000
1830	Wall bracket for wire tightening	RCU-24	6-011140-0000
1840	Floor bracket for wire tightening	RCU-25	6-011165-0000
1900	Clamping screw	A70/1	6-011204-PU22
2000	Upper bracket - SMALL	RCU-21	6-011120-0000
2100	SET - tension wire	RCU-23	6-011122-0000
2200	Steel wire holder of side guidance	RR 23	6-019918-PU22

Verra Metal



- ▲ Modern design
- ▲ Wide colour range of fabrics used
- ▲ Easy handling and assembly
- ▲ Recommended for shading of large areas (up to 17,5 m²)
- ▲ Variation with traditional or day-night fabric

ISOTRA *Quality*

Basic Product Specification



Metal chain: colour: satin nickel

*for fabric Rhodos – bottom rail only DRC07

Standard dimensionsCommercial

* For motor operation the minimum width is 700mm.

Standard dimensions Verra – tube 50 – with screen fabric

Fabric	Width (mm)		Height (mm)		Area (m²)
	min.	max.	min.	max.	max.
Satiné, Satiné Metal	300	3000	300	3200	9,8
Screen Nature	300	3000	300	5500	16,5
SCR 3005	300	3000	300	4100	12,5
Soltis 92	300	3000	300	4000	12,2
Cristal plus 500 3S	300	3000	300	2830	8,4

Verra Metal (2-01134/01135/01136-XXXX)

Fixed pulley	Item name	Abbreviation	Drawing number
10	Steel wire 0,9 mm	A 74/2	6-000181-0000
10	Winding roller dia. 28mm self-adhesive	RTU-28	6-010805-0028
10	Winding roller dia. 42mm self-adhesive	RTU-42	6-010805-0042
10	Mounting profile 25mm WHITE / ELOX	RCUP-25-W / A	6-011127-000W / 000A
10	Mounting profile 42mm WHITE / ELOX	RCUP-42-W / A	6-011125-000W / 000A
10	Tube RTU-50	RTU-50/1	7-303595-0050
10	Bottom rail DAY/NIGHT WHITE / ELOX	DRC-05-W / A	6-011134-000W / 000A
10	Bottom rail DAY/NIGHT WHITE / ELOX – round	DRC-07-W/A	6-015471-000W/000A
10	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-04-W / A	6-011135-000W / 000A
10	Bottom rail profile - fabric cover WHITE / ELOX	RBR/1 9010 / PU52	7-302578-9010 / PU52
120-160	Clip for mounting profile 25 WHITE / GREY	RCU-SC25-W / G	6-011126-000W / 000G
120-160	Clip for mounting profile 42 WHITE / GREY	RCU-SC42-W / G	6-011118-000W / 000G
200	Holder fuse in the mounting profile	RC2044	6-014548-0000
300	Motors (COULISSE) interior roller blinds		2-00721-0000
300	Motors (SOMFY) interior roller blinds		2-00721-0001
300	Motors (ISOTRA BASIC) interior roller blinds		2-01148-0000
301	Metal motor holder	RC3044	6-014764-0000
400	Metal sidewall 28 WHITE / GREY	RC2006-W / GR	6-014562-000W / 00GR
400	Metal sidewall 42 and 50 WHITE / GREY	RC3006-W / GR	6-014567-000W / 00GR
410	Control mechanism metal 28 WHITE / SATIN	RC2010-W / STS	6-014565-000W / 00STS
410	Control mechanism plastic 42 and 50 WHITE / GREY	RC3001-W / GR	6-014553-000W / 00GR
411	Control mechanism metal 42 and 50 WHITE / SATIN	RC3011-W / STS	6-014570-000W / 00STS
412	Sidewall cap metal 28 WHITE / SATIN	RC2011-W / STS	6-014563-000W / 00STS
412	Sidewall cap metal 42 and 50 WHITE / SATIN	RC3012-W / STS	6-014571-000W / 00STS
413	Sidewall cap metal 28 WHITE / SATIN	RC2012-W / STS	6-014564-000W / 00STS
413	Sidewall foot cap metal 42 and 50 WHITE / SATIN	RC3013-W / STS	6-014572-000W / 00STS
414	Sidewall cap plastic 42 and 50 WHITE / GREY	RC3007-W/GR	6-014568-000W/00STS
415	Sidewall foot cap plastic 42 and 50 WHITE / GREY	RC3008-W/GR	6-014569-000W/00STS
420	Pin WHITE / GREY - SET	RC2004-W / GR	6-014547-000W / 00GR
430	End of tube 28 WHITE / GREY	RC2002-W / GR	6-014546-000W / 00GR
430	End of tube 42 WHITE / GREY	RC3005-W / GR	6-014555-000W / 00GR
440	Tube 42 adapter	RC3026	6-014557-0000
600	Spring 1x6 x 410 LEFT	RCSA-410-L	6-008854-0000
600	Spring 1x6 x 410 RIGHT	RCSA-410-P	6-008855-0000
700	Endless rough metal chain	VRO 0311	6-008794-0000
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4 mm	FS2003	6-017815-0000
1000	Chain connector 9006	IS 28/1 9006	2-01039-9006
1010	Endless Cord Holder (Dragon)	XY 00041	3-02427-0000
1010	Fixed pulley	XY 00036	2-01045-0000
1050	Metal chain connector 4,5mm - satin nickel	VRO 0028	6-008792-0000
1100	Bottom rail RBR profile	RBE-F-TR	6-012454-00TR
1110	Bottom rail RBR profile + accessories	RCU-44-TR	6-012457-00TR
1120	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-09-A/W	6-015472-000A/000W
1120	Cover - SET - DAY/NIGHT WHITE/GREY + COUPLE	DRC-03-W/G	6-011136-XXXX
1130	Pin for RCU-44	RCU-19-TR	6-012458-00TR
1200	Fabric		see Fabric swatch
1300	Tape 10x0,8 with double-sided adhesive tape	FS2004	6-017816-0000
1830	Wall bracket for wire tightening	RCU-24	6-011140-0000
1840	Floor bracket for wire tightening	RCU-25	6-011165-0000
1880	Top holder white**	ZA-085	6-019290-0000
1880	Top holder white*	ZA-084	6-019210-0000
1890	Tension angle 25 mm weiss*	ZA-083	6-017593-0001
1900	Clamping screw	A70/1	6-011204-PU22
2000	Upper bracket - SMALL	RCU-21	6-011120-0000
2100	SET - tension wire	RCU-23	6-011122-0000
2200	Steel wire holder of side guidance	RR 23	6-019918-PU22

*only for Verru metal tube 42.50, not applicable for D/N fabric

** only for Verra metal pipe 28, does not apply to T/N fabric

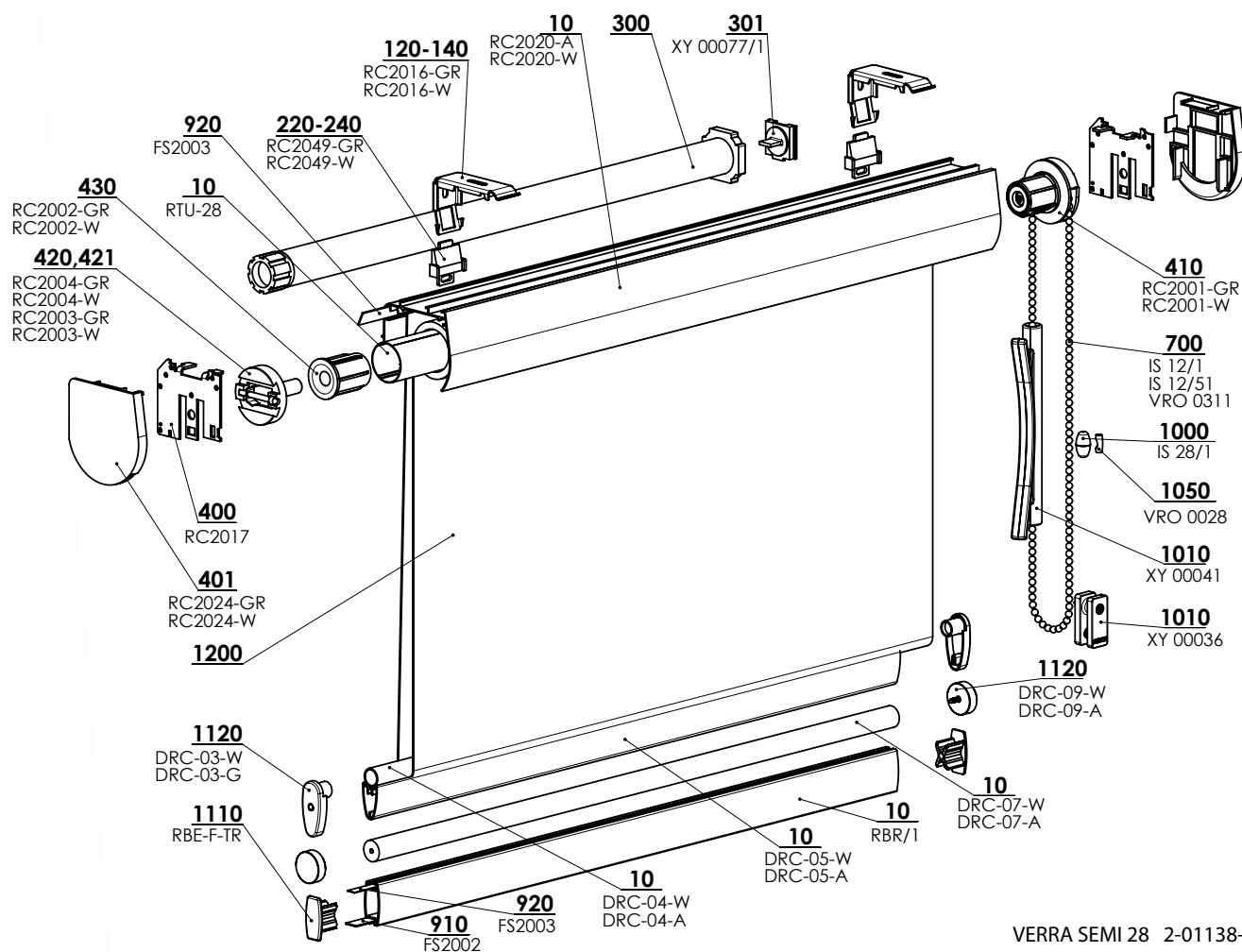


- ▲ Modern design,
- ▲ Supporting and control elements do not interfere with the interior design,
- ▲ Wide range of colours of the fabrics,
- ▲ Variation with traditional or day-night fabric,
- ▲ Easy handling and assembly.

ISOTRA*Quality*

Verra Semi

Basic Product Specification



Specification

Verra semi - tube, diameter 28 mm

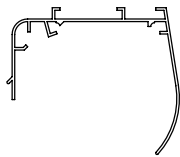
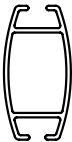
Control: metal chain Ø 4,5 mm, white plastic chain Ø 4,5 mm, motor

LENGTH OF THE CONTROL: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

For the day-night version, the chain is supplied in an "endless", so called loop design.

Plastic chain: colour: white or gray

Metal chain: colour: satin nickel

	Assembly profile (with clap)	Lower profile	Lower profile (day-night)*		Assembly
Commercial name	DRC-02	RBR/1 9010, RBR/1 PU52	DRC-05-W + DRC 04	DRC-07 + DRC 09	before window aperture (wall)
Dimension (mm)	67x57	15x30	39x17	Ø 15	in window aperture (ceiling)
Material	Al	Al	Al	Al	
					
Color	RAL 9003 white elox	RAL 9003 white elox	RAL 9003 white elox		

Covers for profile RBR/1 in transparent color. Profile is possible to cover by fabric.

Due to the development of the product, it is possible to adapt the product.

* for fabric Rhodos - only bottom rail DRC07

Standard dimensions of the Verra Semi roller blind

Fabric		VERRA SEMI, TUBE 28				
		Width (mm)		Height (mm)		Area (m²)
Weight (g/m²)	Thickness (mm)	min.	max.	min.	max.	max.
up to 170	up to 0,3	300	2000	300	5000	6
	up to 0,5	300	2000	300	3600	6
	up to 0,7	300	2000	300	2600	6
171 - 260	up to 0,3	300	2000	300	5000	4,4
	up to 0,5	300	2000	300	3600	4,4
	up to 0,7	300	2000	300	2600	4,4
261 - 365	up to 0,5	300	2000	300	3600	3,2
over 365	up to 0,5	300	2000	300	3600	3
Corfu		300	2000	300	2800	5,3
Cyprus		300	2000	300	1700	3,4
Parga		300	2000	300	5000	8,6
Rhodos		300	2000	300	2300	4,6
Zakynthos		300	2000	300	3000	4,8

* For motor operation the minimum width is 500mm.

Verra Semi (2-01138-XXXX)

Position	Item name	Abbreviation	Drawing number
10	Winding roller dia. 28mm - self adhesive	RTU-28	6-010805-0028
10	Semi-cassette 28 WHITE / ELOX	RC2020 - W / A	6-014577-000W / 000A
10	Bottom rail profile - fabric cover WHITE / ELOX	RBR/1 9010 / PU52	7-302578-9010 / PU52
10	Bottom rail profile DAY/NIGHT WHITE / ELOX	DRC-05-W / A	6-011134-000W / 000A
10	Bottom rail DAY/NIGHT WHITE / ELOX – round	DRC-07-W/A	6-015471-000W/000A
10	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-04-W / A	6-011135-000W / A
120-140	Half-cassette clip WHITE / GREY	RC2016-W / GR	6-014574-000W / 00GR
220-240	Clip fuse WHITE / GREY	RC2049-W / GR	6-014578-000W / 00GR
300	Motors (ISOTRA BASIC) for interior roller blinds		2-01148-0000
301	ISOTRA BASIC Motor holder	XY 00077/1	3-03164-0000
400	Metal holder for cassette 28 with screws - SET	RC2017	6-014575-0000
401	Cap of semi cassette 28 WHITE / GREY - COUPLE	RC2024-W / GR	6-014576-000W / 00GR
410	Control mechanism 28 plastic WHITE / SATEEN	RC2001-W / GR	6-014545-000W / 00GR
420	Adjustable bolt + carrier WHITE / GREY - SET	RC2004-W / GR	6-014547-000W / 00GR
421	Fixed bolt + carrier WHITE / GREY	RC2003-W / GR	6-014806-000W / 00GR
430	Tube end 28 WHITE / GREY	RC2002-W / GR	6-014546-000W / 00GR
700	Rough control chain (4,5x6 mm)	IS 12/1	6-000962-XXXX
700	Metal control chain (4,45x6,15 mm)	VRO 0311	6-008794-0000
700	Rough endless chain (interior blinds)	IS 12/51	2-00608-0003
910	Tape for profile RBR 7x0,4 mm	FS2002	6-017814-0000
920	Ensuring ribbon 8x0,4 mm	FS2003	6-017815-0000
1000	Chain connector 9006/9010	IS 28/1 9006/9010	2-01039-XXXX
1010	Fixed pulley	XY 00036	2-01045-0000
1010	Endless Cord Holder (Dragon)	XY 00041	3-02427-0000
1050	Metal chain connector 4,5mm	VRO 0028	6-008792-0000
1110	Cap for bottom rail RBR	RBE-F-TR	6-012454-00TR
1120	Bottom tube DAY/NIGHT WHITE / ELOX	DRC-09-A/W	6-015472-000A/000W
1120	Cover - SET - DAY/NIGHT WHITE/GREY + COUPLE	DRC-03-W/GR	6-011136-000W / 00GR
1200	Fabric		see Fabric swatch

Control – motors

COULISSE motors

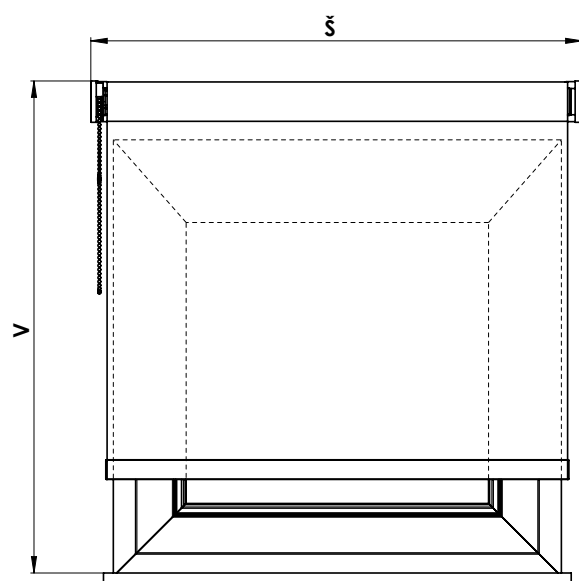
Position	Item name	Abbreviation	Drawing number
10	Tubular motor 6 Nm 28 rpm 230 V – for switch	CM-09-MC	6-015870-0000
11	Tubular motor 6 Nm 28 rpm 230 V – radio-controlled	CM-09-C	6-015869-0000
20	Drive plug Silent 42 mm	RC3221-G	6-020115-0000

SOMFY motors

Position	Item name	Abbreviation	Drawing number
201	Motor SONESSE 40 io 6/20	X.1003226	6-016718-0006
203	Motor SONESSE2 40 Zigbee Li-ion 4/20	X.1245994	6-019582-0004
210	Drive plug Silent 42 mm	RC3221-G	6-020115-0000
220	Universal adapter holder for Somfy motors	RC2046-ABC	6-015944-0000
230	Adapter Somfy AC / Coulissee 42–50–65–80 mm	RC3044-ABC	6-016040-0000

Verra, Verra Metal, Verra Semi Interior roller blind

1. MEASUREMENT



The blind can be positioned into or in front of the hole (on the ceiling or the wall).

THE WIDTH AND HEIGHT ARE MEASURED IN THE FOLLOWING MANNER:

S.... (width)

a) fitting into the hole

The real width of the hole is measured, the value less than 5 mm than the real width of the hole is recorded in the order sheet.

b) fixation on the hole

The width greater than the real width of the hole by 200 mm is written into the order sheet.

c) Brackets without drilling - Please note that the width of the blind is not the same as the width of the fabric, a deduction must be made to calculate the actual width of the fabric, see table below. When using roller blinds with guides, 10mm should be subtracted from the height of the blind due to the tension angle.

V (height)

The total height, including the upper profile, is measured.

Control length: Unless stated in the order otherwise, 2/3 of the height of the blind is selected as the standard variant.

The control length is equal to the desired height of roller blind for day-night fabrics.

Informative:

Calculation of the actual fabric width versus the total width of the roller blind:

	Verra	Verra with fabric day-night	Verra Metal	Verra Metal motor	Verra Semi	Verra Semi with fabric day-night
tube 28	width – 39 mm	width – 46 mm	width – 46 mm	–	width – 39 mm	width – 46 mm
tube 42	width – 41 mm	width – 48 mm	width – 48 mm	width – 52 mm	-	-
tube 50	width – 41 mm	width – 48 mm	width – 48 mm	width – 52 mm	-	-

2. ASSEMBLY

Assemble exactly according to this manual to prevent redundant assembly errors and other related problems.

AIDS FOR ASSEMBLY:

- tape measure
- spirit level
- electric drill as per the source material
- cordless electric drill
- magnetic adapter, bits PZ2
- hammer
- screws, dowels

INSPECTION:

- Before assembly we recommend inspecting all the parts after the delivery of the goods to prevent any problems. Any defects or comments concerning the assembly or blinds must be notified to the manufacturer.
- ASSEMBLY
- Check that the dimensions of the blind correspond to the width of the hole.
- Mark the place for the fixation of the side assembly consoles of the plastic parts of the blind (two anchoring places per one part).
- Attach the side brackets by connecting elements and firmly tighten so that the outer distance between the brackets is the required width of the roller blind.
- To the assembled brackets on the side without the control mechanism, insert the tube pin of the roller blind (for Verra with marking plastic, for Verra Metal with marking metal).
- Insert the tube with the fabric aside without the control mechanism on the inserted pin, and then insert the side with control mechanism into the bracket before we hear the click (be careful about the metal / plastic orientation).
- Fit the bracket caps depending on the roller blind type (Verra – plastic cap, Verra Metal – metal cap).
- Set the lower end position using the second chain joint.
- Check the roller blind function and the brake operation.

Note: When installing VERRY metal roller shutters without drilling holes, it is important for the full functionality of the window that the minimum distance between the sash and the window casement is at least 65 mm for VERRY metal 28, optimally 70 mm, and at least 85 mm for VERRY metal 42.50, optimally 90 mm. If this distance is not maintained, the window cannot be opened to 90 degrees. Therefore, make sure that this minimum dimension is maintained during installation to ensure maximum functionality of the window.

ASSEMBLY WITH THE MOUNTING PROFILE:

For the Verra and Verra Metal roller blinds with the mounting profile, the roller blind is delivered in assembled condition from the producer. During the actual assembly, it is only necessary to place mounting clips (into which the roller blind itself clicks) on the wall or ceiling, at the proper distance, into which the roller blind itself clicks. After that, it is only left to check the lower end position and the total functionality of the roller blind.

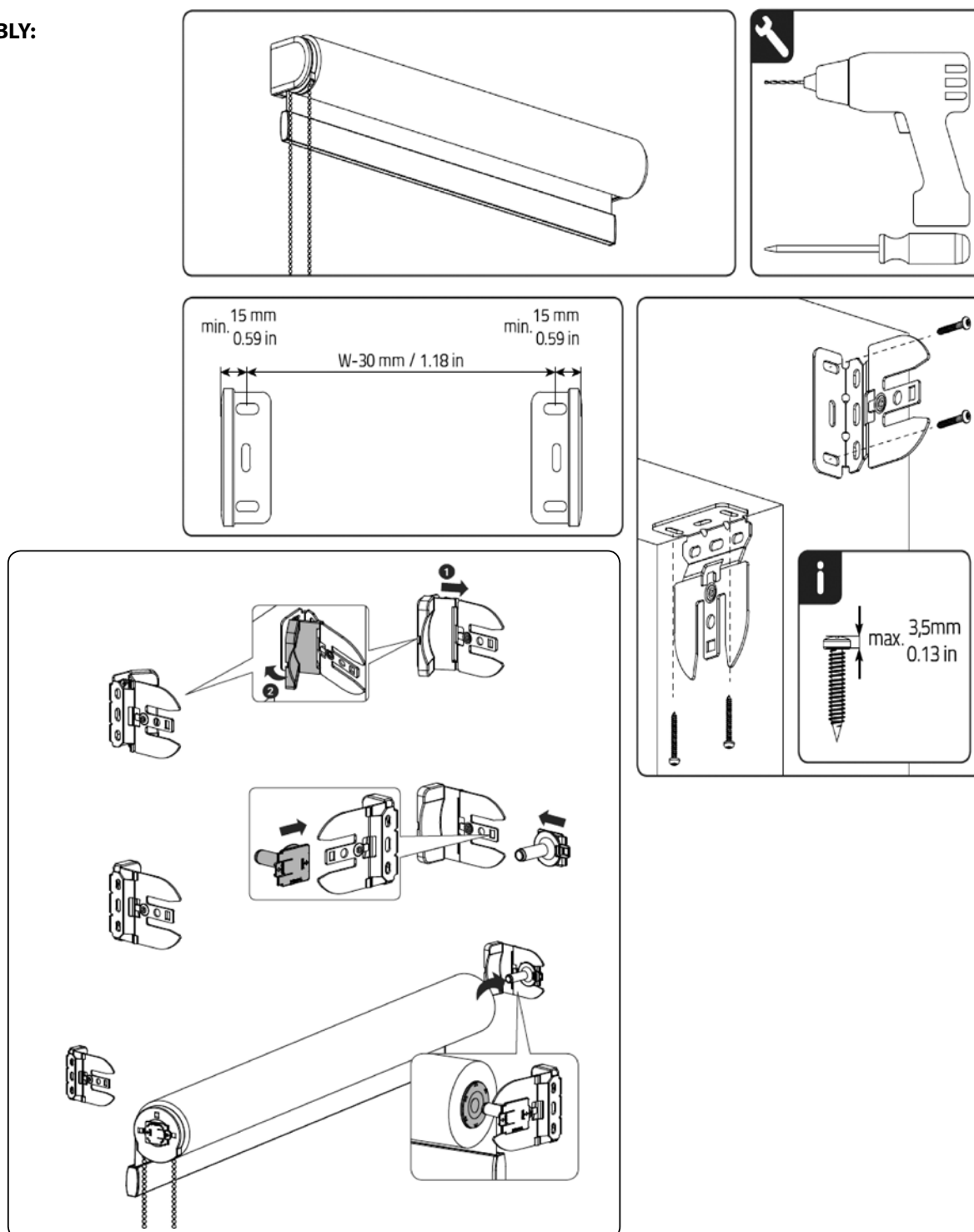
ATTENTION!

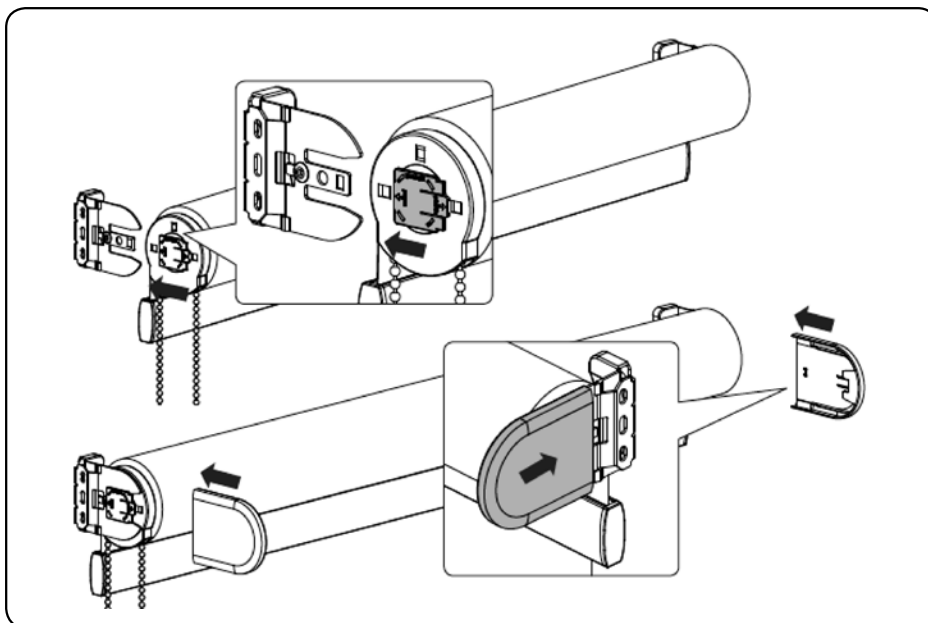
FOR VERRA METAL ROLLER BLIND WITH FABRIC DAY-NIGHT THE ROLLER BLIND IS PROVIDED WITH THE MOUNTING PROFILE WITH THE MOUNTING CLIPS.

NUMBER OF THE CLIPS:

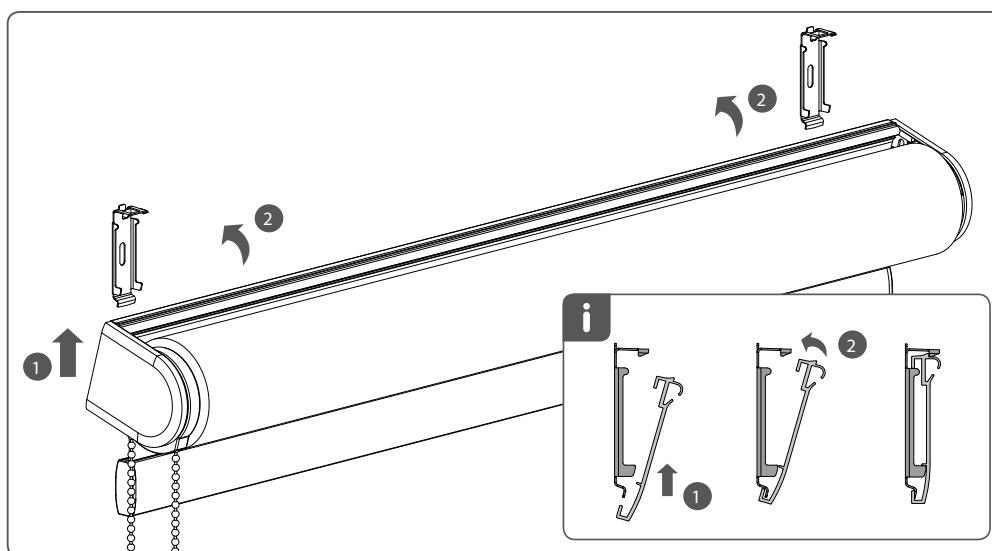
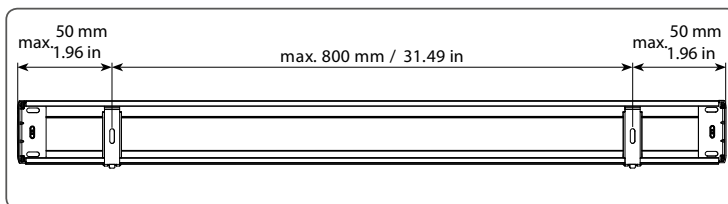
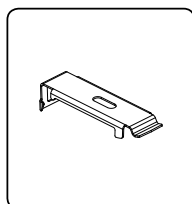
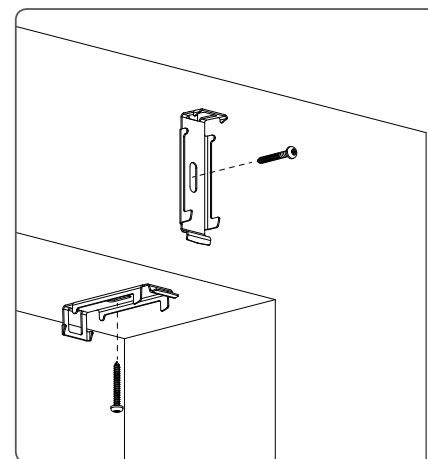
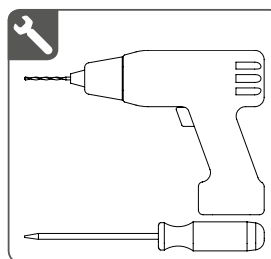
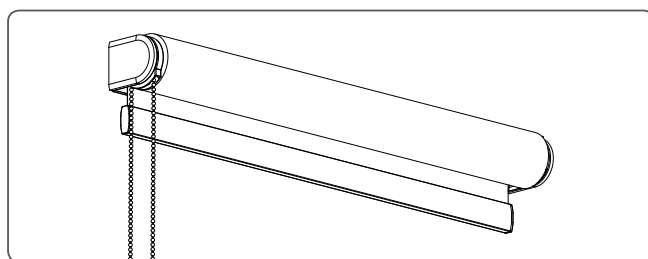
Roller blind width (mm)	Clips number (pc)
0 – 900	2
900 – 1600	3
1600 - 2200	4

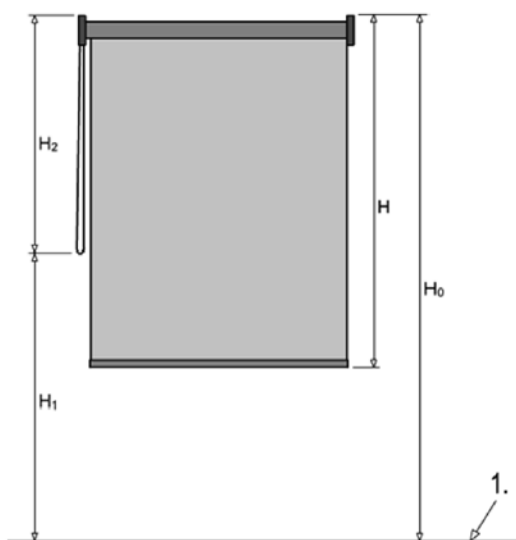
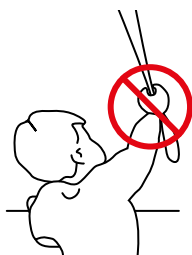
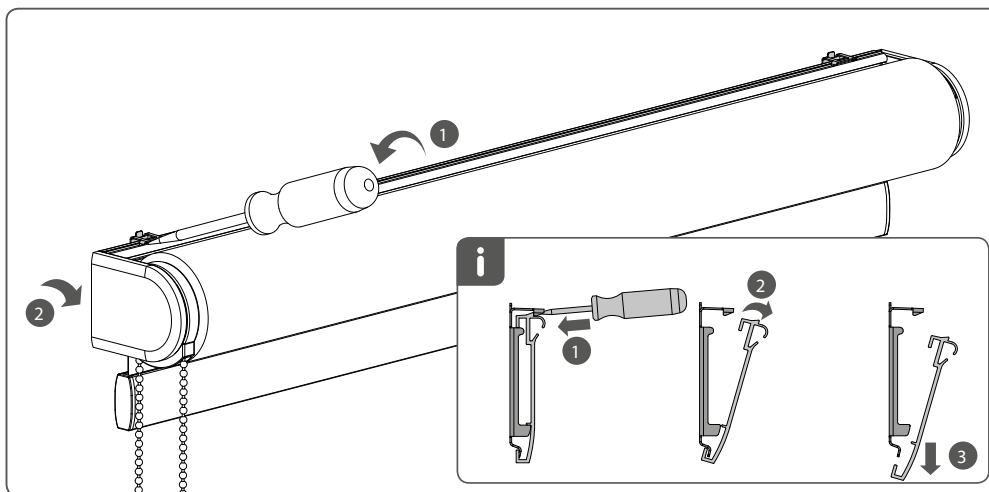
The first clip must be always placed at a distance 40 – 50 mm from the edge of the roller blind.

ASSEMBLY:



ASSEMBLY WITH THE MOUNTING PROFILE:



DISASSEMBLY:**ATTENTION!!!**

Pursuant to the EN 13120:2014 standard, window blinds shall be installed in accordance with the following instructions:

In the case of a disintegrating coupling, the chain length must be limited as follows.

- 1) If assembly height (H0) is not specified, the chain length (H2) shall be less than or equal to 2/3 of the blind height (see Fig. 1):
 $H2 \leq 2/3 H$.
- 2) If assembly height (H0) is specified, the distance from the floor to the bottom part of the pull cord (H1) shall be at least 0.6 m:
 $H1 > 0.6 \text{ m}$.

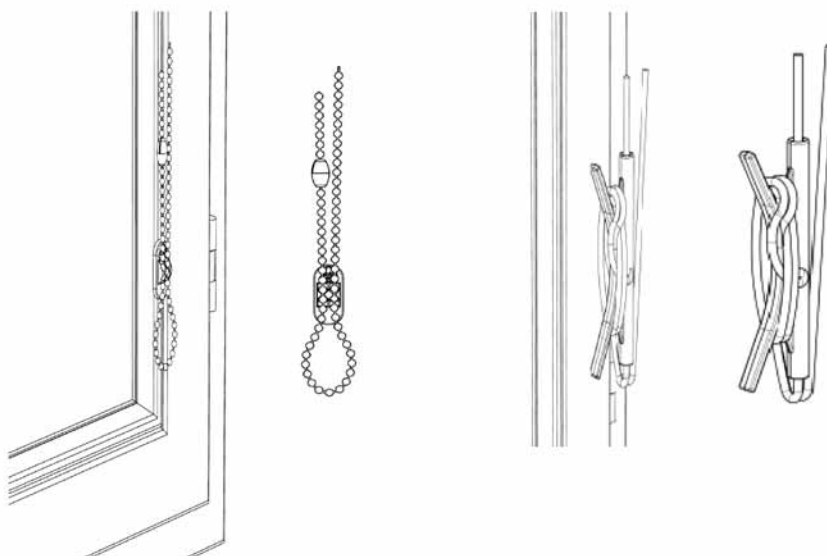
A dangerous loop must be eliminated when a mass of 6 kg is applied or within 5 seconds of application.

For the day-night version, the chain is supplied in an „endless“, so called loop design.

Plastic chain: colour: white or gray, height: 0.5; 0.75; 1.0; 1.25; 1.5; 1.75; 2.0

Metal chain: colour: white or gray, height: 0.5; 0.75; 1.0; 1.25; 1.5; 1.75; 2.0; 2.5; 3.0; 3.5

For Verra metal, the chain is only metal.



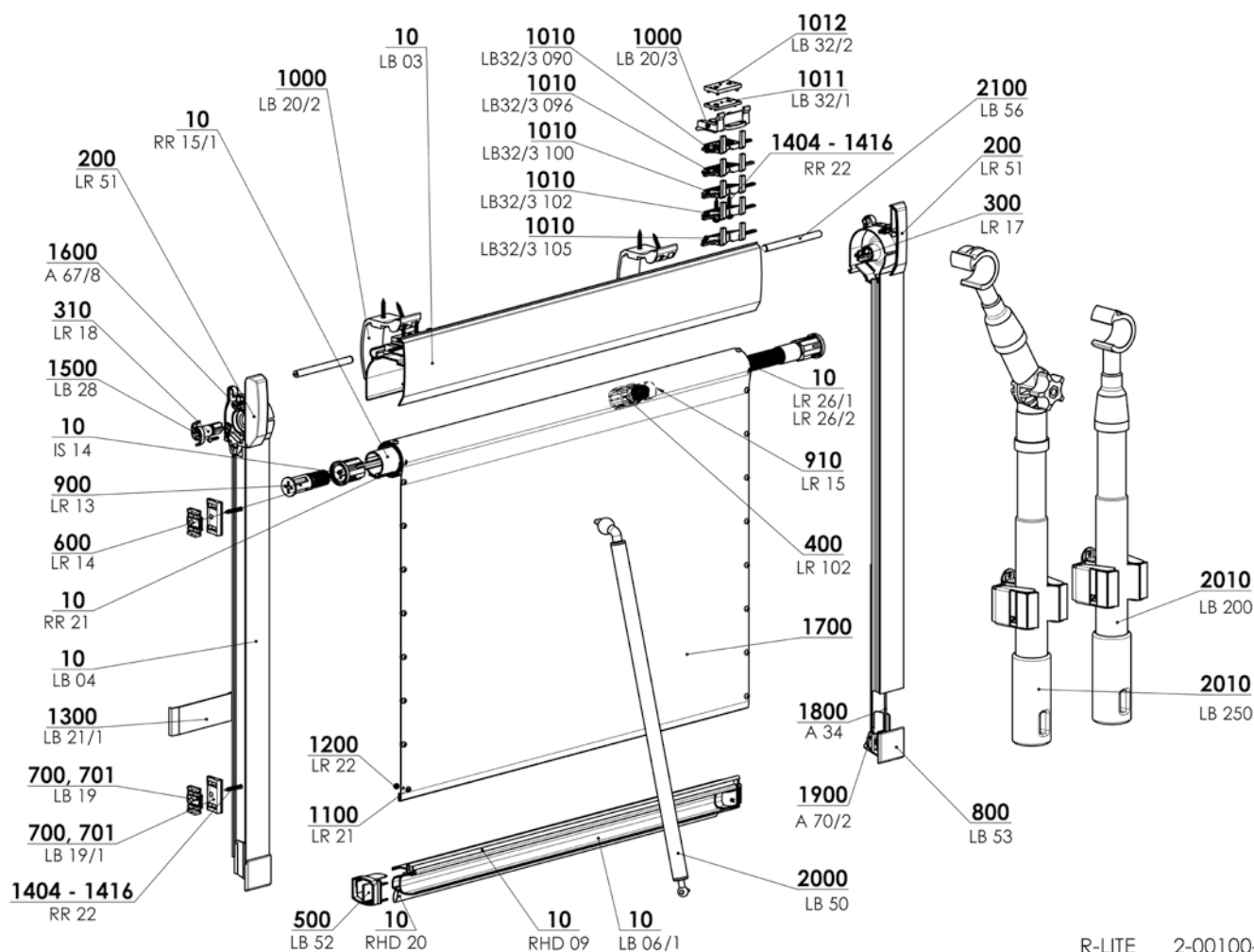


- ▲ Perfect interior shading
- ▲ Applicable to all skylight types
- ▲ Guiding rails prevent light penetration at the window sides
- ▲ Profiles and guiding rails made of anodized aluminum or in white color
- ▲ Easy control with a wand for windows difficult to access

ISOTRA*Quality*

R-Lite Interior Roller Blind

Basic Product Specification



R-LITE 2-00100-XXXX-E

Manual Control

Pulling the roller blind up and down by gripping the bottom rail. The roller blinds on high windows are controlled with a wand.

Fixed wand:

Standard: 50 cm, 100 cm, 150 cm, 200 cm

Color: elox

Telescopic wand with hook / with joint and hook:

Color: grey with black components

Specification

	Head rail	Bottom rail	Guiding rail	Brake	Assembly
Commercial Name	LB 03	LB 06/1	LB 04	Ø 1.4 mm cord	in skylight wing
Dimension (mm)	48,8 x 65,3 x 1,2	30 x 24 x 1	29,7 x 26,5 x 1	used as a brake	
Material	Al	Al	Al		
					
Color	Standard: elox	Extra Charges: RAL 9003 white		white	

Plastic components in the RAL 7040 color, RAL 9003.

Due to the development of the product, it is possible to adapt the product.

Standard dimensions

Width (mm)		Height (mm)		Guaranteed area (m ²)
min.	max.	min.	max.	max.
300	1200	300	1450	1,7

We do not make atypical designs.

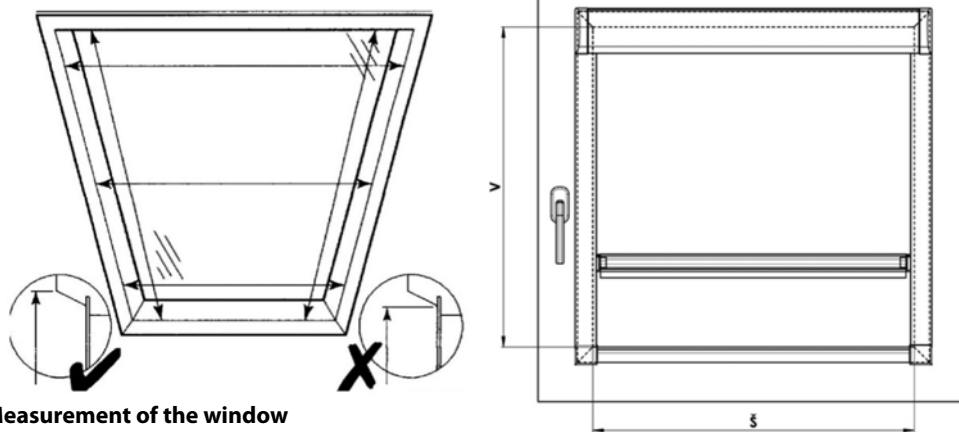
For fabric's type Blackout is max. height 1300 mm.

R-Lite (2-00100-0000)

Position	Item name	Abbreviation	Drawing number
10	Head rail	LB 03	7-300657-PU52
10	Bottom rail	LB 06/1	7-304624-PU52
10	Side guide channel	LB 04	7-300658-PU52
10	Tube	RR 15/1	7-300245-0000
10	Sealing profile	RHD 20	6-001298-0000
10	Plastic tape 6mm	RHD 09	6-001294-0000
10	Spring left l=600/1	LR 26/1	7-301204-00001
10	Spring left l=600/1,3	LR 26/2	7-301254-0000
10	Tilt rod - triangular	IS 14	7-300050-0000
10	Adhesive tape, double	RR 21	6-001310-0000
200	Board R + L	LR 51	2-00389-7040
300	Roller-blind pin - right	LR 17	3-00609-0000
310	Roller-blind pin - left	LR 18	3-00610-0000
400	Screw	LR 102	3-01203-0000
500	Bottom rail cover R + L	LB 52	2-00387-7040
600	Case	LR 14	3-00650-0000
700, 701	Side guide pad	LB 19/1	3-01425-7040
700, 701	Side guide pad - universal	LB 19	3-00603-0000
800	Side guide channel cover R+L	LB 53	2-00386-7040
900	Spring pin	LR 13	3-00608-0000
910	Shring tubing, black Ø19/Ø9,5	LR 15	6-010997-0002
1000	Clip	LB 20/2	3-01424-7040
1000	Clip	LB 20/3	3-02693-0000
1010	Pad 100°	LB 32/3 100	3-02693-0000
114	Pad 102°	LB 32/3 102	3-02697-0000
1010	Pad 105°	LB 32/3 105	3-02698-0000
1010	Pad 90°	LB 32/3 090	3-02694-0000
1010	Pad 96°	LB 32/3 096	3-01238-0000
1011	Pad 2 mm	LB 32/1	3-01436-0000
1012	Pad 3 mm	LB 32/2	3-01437-0000
1100	Plastic pin - body	LR 21	3-00620-0000
1200	Plastic pin - cartridge	LR 22	3-00621-0000
1300	Assembly template	LB 21/1	3-01426-7040
1404-1416	Screw 3x20 Zn	RR 22	6-001312-0000
1500	Screw KB 22x10	LB 28	6-000054-0000
1600	Screw 3,5x13 Zn	A 67/8	6-003146-0000
1700	Fabric		see Fabric swatch
1800	Cord 1,4	A 34	6-000153-5000
1900	Clamping screw	A 70/2	2-00399-0000
2000	Control rod	LB 50	2-00377-xxxx
2010	Telescopic rod - with hook	LB 200	2-00420-0001
2010	Telescopic rod - with hook and joint	LB 250	2-00420-0002
2100	Tightener	LB 56	2-00102-0000

R-Lite Skylight Roller Blinds

Measurement and Assembly Manual



1. Measurement of the window

Take the measurements as indicated in the picture. Measurements are taken at the top of the frame of the window wing, not at the glazed area. If the window has a model label, then it is sufficient to mention in the order form the exact name and model of the roof window. The minimum depth for assembly is 40 mm.

THE WIDTH AND HEIGHT OF THE LIGHT HOLE IN THE WINDOW WING IS MEASURED IN THE FOLLOWING WAY:

Š.... (width)

The measurement is from the left top to the right top of the window wing, up in the place of the roller blind fixation.

The width of the blind is produced in a precision of millimeters from the width 300 mm up to the width of 1200 mm.

It is recommended to consult with the manufacturer dimensions outside the stated limits.

V (height)

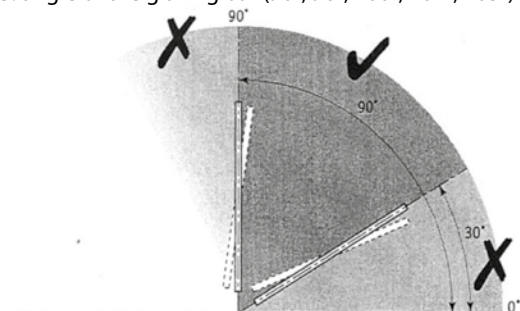
Measurements are taken in the same way as width, from the upper top to the lower top of the window wing and these are written into the order form of the blind.

The height of the blind is produced with a precision of millimeters from the height 300 mm up to the height 1450 mm (For fabric's type Black-out is max. height 1300 mm).

It is recommended to consult with the manufacturer dimensions outside the stated limits, too.

IN THE ORDER FORM, IT IS NECESSARY TO SPECIFY:

1. dimension
2. type of window and identification number of the window
3. angle of the glazing bar (90°, 96°, 100°, 102°, 105°)



ATTENTION!

If the sky light window does not have a model label and there is no possibility to state the angle of the glazing bar, it is necessary to mention in the order form, in addition to the dimensions on the top of the frame, the dimensions for the glass, including the depth of the window frame. The exact angle of the glazing bar of the frame of the roof window can be derived from these parameters.

ATTENTION!!! THE ANGLE OF THE ROOFDECLINATION MUST NOT BE LESS THAN 30° AND MORE THAN 90°.

2. ASSEMBLY

Assemble exactly according to this manual to prevent redundant assembly errors and other related problems.

AIDS FOR ASSEMBLY:

- electric drill
- cross-head screwdriver
- knife, scissors, pliers
- allen key 1,5
- for clip fixation: screw 3x17

CONTROL:

- before assembly we recommend to inspect all of the delivered parts of the goods to prevent any problems. The manufacturer must be notified of any defects or comments concerning the assembly of the blinds.
- never unfold the roller blind before assembly.
- remove all obstacles from the sky light that could prevent the assembly.

ASSEMBLY

- never expand the blind before assembly
- remove all obstacles from the sky light that could prevent the assembly.

FIXATION OF CEILING CLIPS:

- place the angle clip to the upper edge of the window wing in the distance which delimit the clip end stop itself (see picture one).
- screw and then break off the exceeding parts, which defined the assembly depth (for plastic window use fore drilled holes – drill ϕ 2mm).



FIXATION OF THE UPPER PROFILE:

- loose the stretching cords on the roller blind .
- assembly bases of the clip must be pressed to the side boards of the roller blind (see picture two).
- catch the upper profile and slip it frontally on the angle ceiling clips to make the end stop click (see picture three).



GUIDING CHANNELS ASSEMBLY:

- insert the guiding channels under the upper profile, align them with the edge of the frame and screw them.
- pay attention that the stretching cords are not between the guiding channels and the window frame.



FIXATION OF THE STRETCHING CORDS:

- clamp the stretching holders located on the ends of cords into the lower ends of the guiding channels.

ADJUSTMENT OF THE ROLLER BLIND BRAKE:

- if necessary, the brake of the blind can be adjusted by setting the stretching cords - both of them must be stretched in the same level!!
- adjust the brake by moving the metal roller on the end of the cord. The following rule is always valid: the higher the stretching of the cord, the higher braking of the blind.
- the correctly adjusted brake holds the blind in any position when lifting.
- ATTENTION! - Too much stretching of the leading cords can damage the whole roller blind breaking system.
- cut off the excess cord ends.



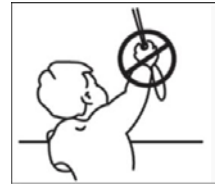
COMPLETION:

- lower the blind by catching the lower bar into the lower part of the window and check the functionality.
- the blind is ready for good use.

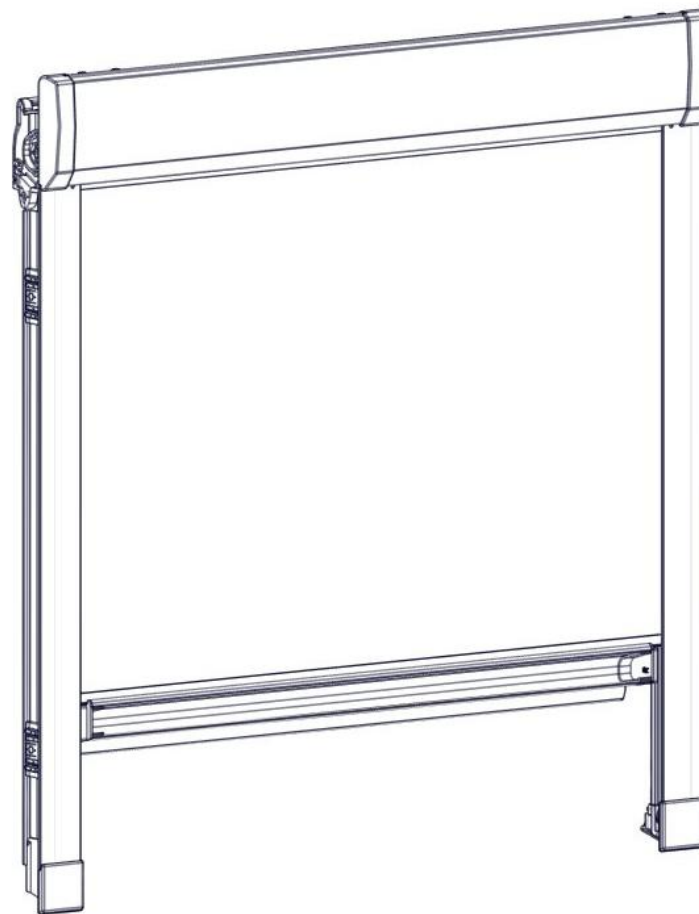
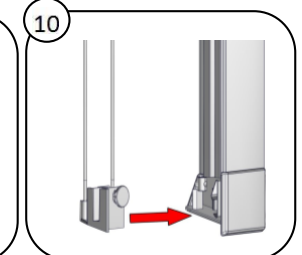
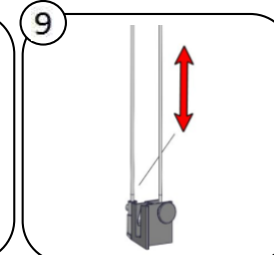
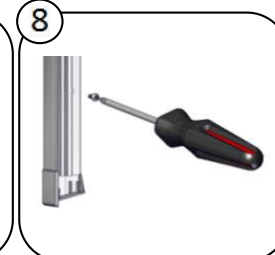
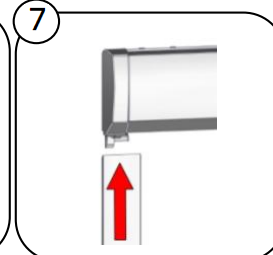
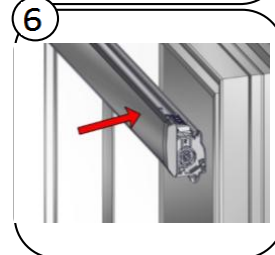
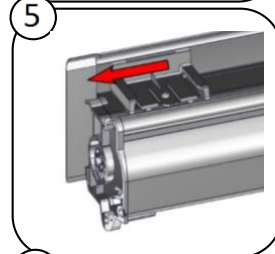
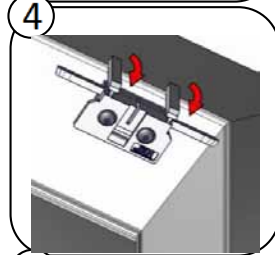
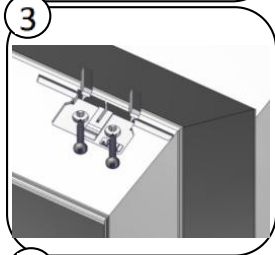
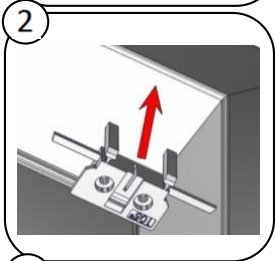


R-Lite Skylight Roller Blinds

Measurement and Assembly Manual



The roller blind is installed in agreement
with safety elements of the norm
EN 13120



Fabric roller shutters - using of chain connections with accessories

Fabric roller blinds	chain connection		
	plastic (IS 28/1)	metal (VRO 0028)	
		cleat (XY 00041)	pulley (XY 00036)
LUNA	x		
NEMO	x		
ROLLITE	x		
LARRA			x
VERRA*	x	x	
VERRA METAL*	x	x	
VERRA SEMI*	x	x	x (only for D-N)**
R-LITE	-	-	-

* There is possible to use only metal connection from 4,5 m².

** D-N (fabric type DAY-NIGHT)

Safety features according to the standards EN 13120+A1; EN 16 433; EN 16 434



Connection



Pulley



Cleat



Two wheels

INTERIOR SHADING	Safe type of operation						Dangerous operation			Suitability of ISOTRA protective systems			
	Manually	Wheel	Handle	Switch	Remote control	Control bar	Šnúra	Šnúra/táhló	Řetizek	Coupler	Pulley	Reel	Two wheels
HORIZONTAL BLINDS													
ISOTRA SYSTEM HIT													
ISOTRA SYSTEM HIT II													
ISOTRA SYSTEM CLASSIC													
ISOTRA ENERGY													
ISOLITE PLUS													
NEOISOLITE													
SYSTEM 25S, 25SM													
SYSTEM 25R													
SYSTEM 25L (large)													
SYSTEM 25K													
SYSTEM 25SW													
SYSTEM 25M													
CETTA 35, 50 - ECONOMY													
CETTA 35													
CETTA 50 (usage in interior)													
V-LITE INTERIOR ROOF BLIND													
HORIZONTAL BLINDS in design:													
ATYPICAL CHAIN BLINDS													
CHAIN BLINDS WITH BRAKE													
CHAIN BLINDS (space > 2,5 m²)													
VERTICAL BLINDS													
JAPANESE PANEL BLINDS													
PLISSÉ													
VS													
F													
DFC													
PL													
SD													
SR 1 S													
FABRIC ROLLER BLINDS													
VERRA													
VERRA METAL													
VERRA SEMI													
ROLLITE													
LUNA													
NEMO													
LARRA													
R-LITE ROOF ROLLER BLIND													



ISOTRA a.s.

Bílovecká 2411/1, 746 01 Opava

Tel.: **+420 553 685 111**

E-mail: isotra@isotra.cz

www.isotra.com

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... protecting your privacy.