

V17
systems

Production specification

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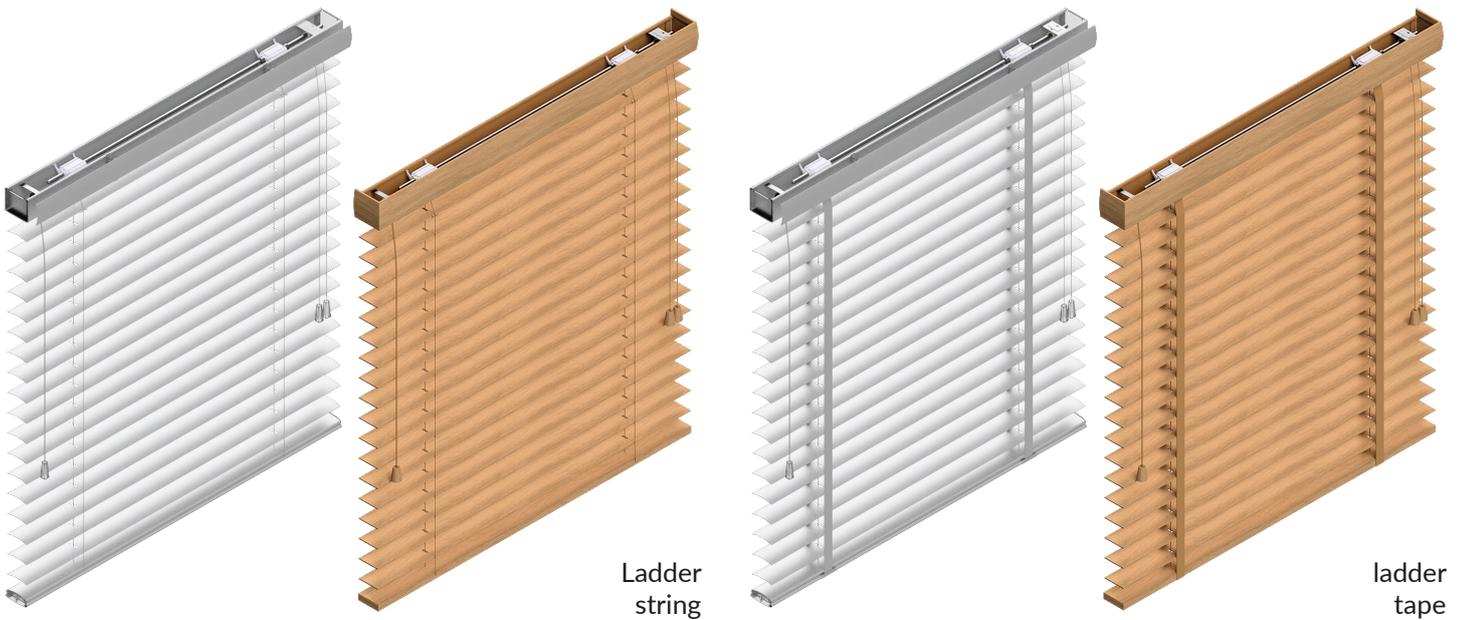
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V17 Standard | Standard wood/bamboo



OPTIONS

SIDE-GUIDE

15-7129-K0034-W0 Spring for cables
10-0180-K0034-W0 Metal stopring with screw

Aluminium

13-0403-K0-W0 Steel eye V17

wood/bamboo

13-0402-K0034-W0 Steel eye for cables
 or
13-0403-K0-W0 Steel eye V17

15-6012-K0000-W750 Flexible metal cable Ø 1,3 mm

or

15-6012-K0000-W1000 Flexible metal cable Ø 1,2 mm

15-6132-K0034-W0 Metal stopring with screw

10-0180-K0034-W0 Metal stopring with screw

15-6115-K0000-W0
 Plastic installation bracket for cables in recess
 or

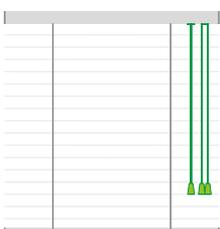
10-0135-K0000-W0
 Plastic installation bracket for metal stopring

15-0232-K0-W0 35 side guiding br. jamb

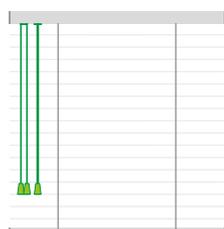
or

15-0248-K0-W0 35 side guiding br. sill

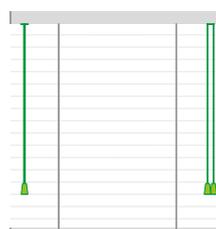
CONTROL INSTALLATION OPTIONS



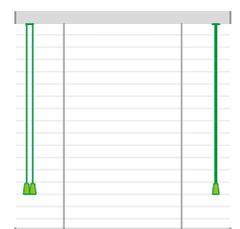
Tilter & cordlock on the right side



Tilter and cordlock on the left side



Tilter on the right; cordlock on the left



Tilter on the left; cordlock on the right

V17 Smart | Smart wood/bamboo



OPTIONS

SIDE-GUIDE

15-7129-K0034-W0 Spring for cables **10-0180-K0034-W0** Metal stopring with screw

Aluminium

13-0403-K0-W0 Steel eye V17

wood/bamboo

13-0402-K0034-W0 Steel eye for cables
or
13-0403-K0-W0 Steel eye V17

15-6012-K0000-W750 Flexible metal cable \varnothing 1,3 mm

or

15-6012-K0000-W1000 Flexible metal cable \varnothing 1,2 mm

15-6132-K0034-W0 Metal stopring with screw

10-0180-K0034-W0 Metal stopring with screw

15-6115-K0000-W0 Plastic installation bracket
for cables in recess

10-0135-K0000-W0
Plastic installation bracket for metal stopring

or

15-0232-K0-W0 35 side guiding br. jamb

or

15-0248-K0-W0 35 side guiding br. sill

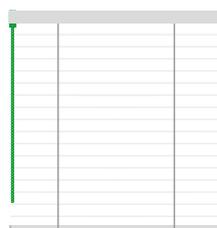
V17 Monocomando | Monocomando wood/bamboo



CONTROL INSTALLATION OPTIONS



Mechanism on the right



Mechanism on the left

Standard sizes of V17 blinds systems

System	Size	Dimensions [mm]		Area [m ²]
		Width	Height	
Standard	Min.	450	400	0,2
	Max.	4000	4000	10
Standard wood	Min.	450	400	0,2
	Max.	2700	3000	5
Standard bamus	Min.	450	400	0,2
	Max.	3000	3000	5
Monocomando	Min.	500	400	0,2
	Max.	4000	4000	10
Monocomando wood	Min.	500	400	0,2
	Max.	2700	3000	5
Monocomando bamboo	Min.	500	400	0,2
	Max.	3000	3000	5
SMART	Min.	700	400	0,2
	Max.	4000	4000	10
SMART wood	Min.	700	400	0,2
	Max.	2700	3000	4,3
SMART bamboo	Min.	700	400	0,2
	Max.	3000	3000	4,3

Number of ladders and strings

V17 STANDARD ALUMINIUM, WOOD

L - VB width [mm]	Y - Distance to the first and last ladderstring from the edge [mm]	Qty of ladderstrings	Qty of cords	Arrangement of ladders and strings
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V17 STANDARD ALUMINIUM WOOD

< 900	150	2	2	■ - ■
901 ÷ 1500	150	3	2	■ - □ - ■
1501 ÷ 2100	150	4	4	■ - ■ - ■ - ■
2101 ÷ 2800	150	5	4	■ - ■ - □ - ■ - ■
2801 ÷ 4000	150	6	4	■ - □ - ■ - ■ - □ - ■

V17 MONOCOMANDO ALUMINIUM WOOD

< 900	150	2	2	
901 ÷ 1500	150	3	3	
1501 ÷ 2100	150	4	4	
2101 ÷ 2800	150	5	5	
2801 ÷ 4000	150	6	6	

V17 SMART ALUMINIUM WOOD

700 ÷ 1100	150	2	2	
1101 ÷ 1500	150	3	3	
1501 ÷ 2100	150	4	4	
2101 ÷ 2800	150	5	5	
2801 ÷ 4000	150	6	6	

V17 BAMBOO - STANDARD, MONOCOMANDO, SMART

450 ÷ 900	150	2	2	■ - ■
901 ÷ 1200	150	3	2	■ - □ - ■
1201 ÷ 1500	150	4	4	■ - ■ - ■ - ■
1501 ÷ 1900	150	5	4	■ - ■ - □ - ■ - ■
1901 ÷ 2300	150	6	4	■ - □ - ■ - ■ - □ - ■
2301 ÷ 3000	150	7	4	■ - □ - ■ - □ - ■ - □ - ■

■ - ladder and string □ - ladder

VB height - ladderstring pitch

The height of venetian blinds depends on the ladderstring pitch. In V17 venetian blinds the ladderstring pitch is constant - 44 mm. The complete height of venetian blind [A] is multiplication of ladderstring pitch and measurement of head rail 51 mm and bottom rail (18 mm alum, 15 mm wood, 12 mm bamboo) The alu VB package depends on the height of blinds. It is the size of pulled up assembled blind after deducting measurements of head and bottom rails.

A - total height of the blinds

B - aluminum version

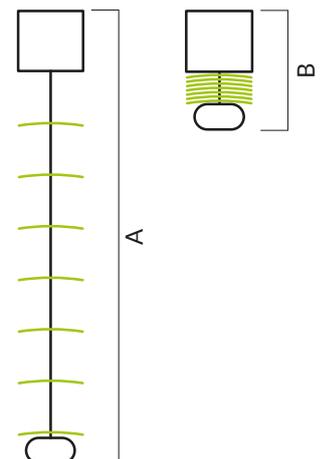
approx. $2.5\% \times A + 70$ mm at the string ladder

approx. $5\% \times A + 70$ mm at the tape ladder

in wooden/bamboo version

approx. $7.5\% \times A + 67/64$ mm at the string ladder

approx. $9\% \times A + 67/64$ mm at the tape ladder



Hole measurements in rail and slats

L - VB width Y - Distance to the first and last ladderstring from the edge X - distance between ladders

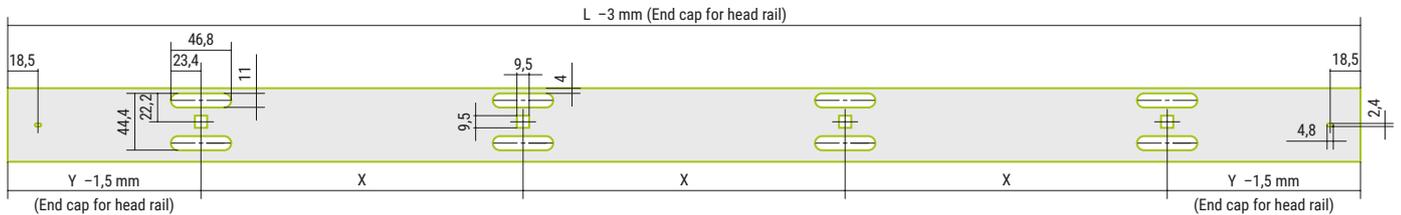
HEAD RAIL

V17 Standard, Standard wood/bamboo

Dimensions of holes for V17 bearing bracket (16-0169-K0952-W0 / 16-0174-K0952-W0) and side guides

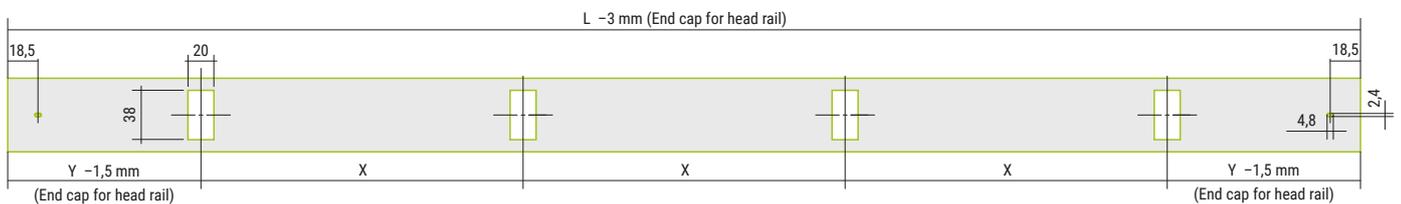
V17 Smart, Smart wood/bamboo (motor Magnum)

Dimensions of holes for tape roll set for 6 mm hex. rod with cord (16-0220-K***-W0 / 16-0221-K***-W0) and side guides



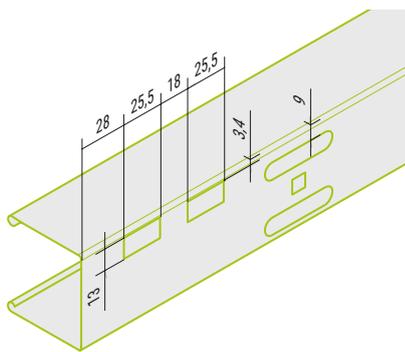
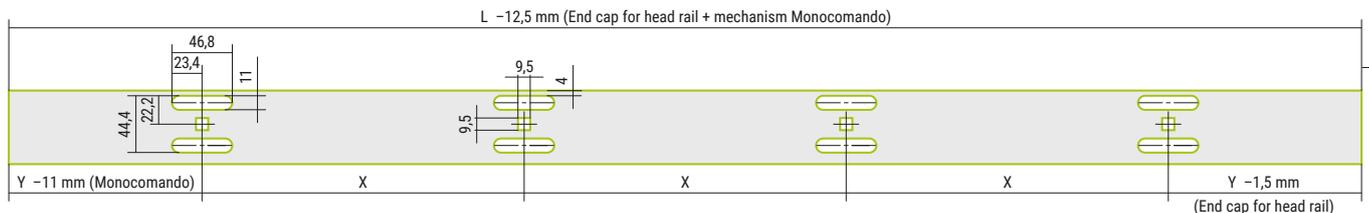
V17 Smart, Smart wood/bamboo (motor Somfy)

Dimensions of holes for CTS 40 bearing (91-62145-K0-W0) and side guides



V17 Monocomando, Monocomando wood/bamboo

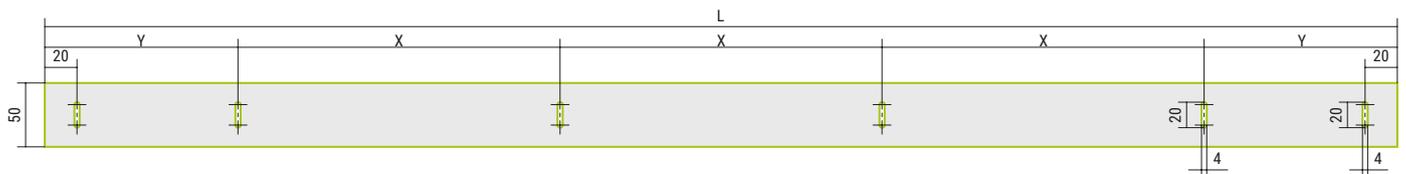
Dimensions of holes for tape roll set for 6 mm hex. rod with cord (16-0220-K***-W0 / 16-0221-K***-W0)



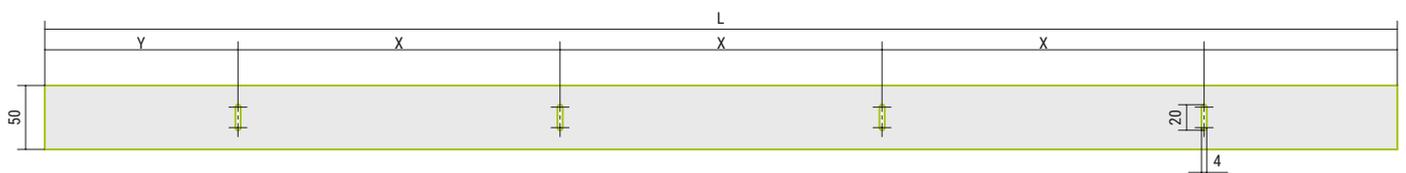
V17 Standard, Standard wood/bamboo

Hole dimensions for V17 cord lock (16-0075-K0000-W0) and a V17 Tilter V17 (16-0091-K0000-W0)

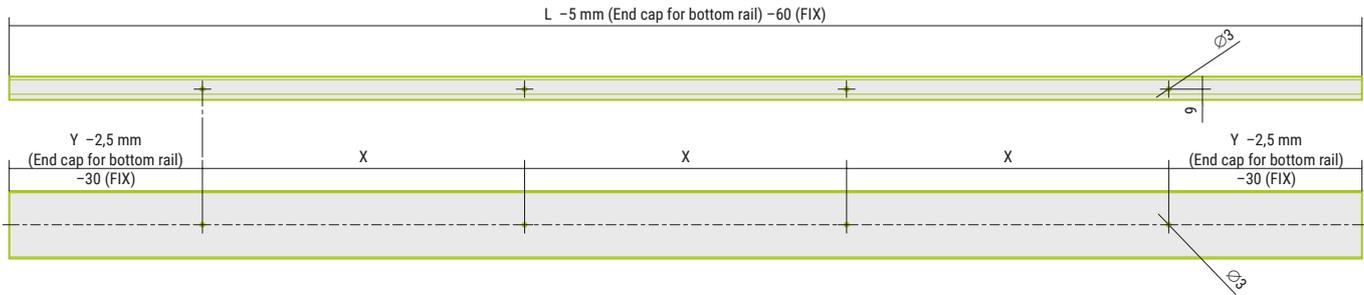
ALUMINIUM SLATS - hole measurements in slats for cords and side guides



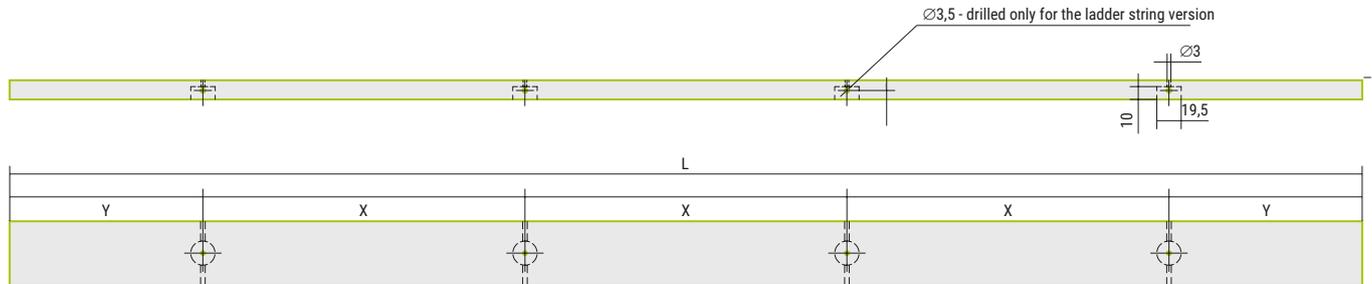
WOODEN/BAMBOO SLATS - hole measurements in slats for cords and side guides



BOTTOM RAIL – Hole measurements in bottom rail for cord



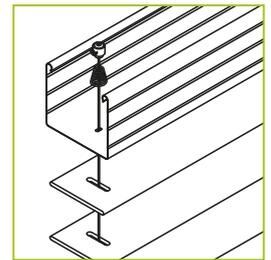
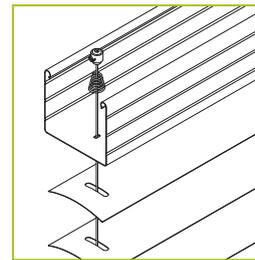
BOTTOM RAIL WOOD/BAMBOO – Hole measurements in bottom rail for cords



Side-guide – FIX

HEAD RAIL System V17 Standard, Smart, Standard wood/bamboo, Smart wood/bamboo

Side-guiding stabilizes the vertical position of the blinds. In V13 venetian blinds a steel cable, a diameter of 1.3 mm or 1.0 mm is used for this purpose (15-6012-K0000-W750/ 15-6012-K0000-W1000). Is used for it which is mounted in head rails with metal stopring fix type A Ø8 mm (10-0180-K0034-W0), which is stabilized with a metal tensioner (15-7129-K0034-W0).

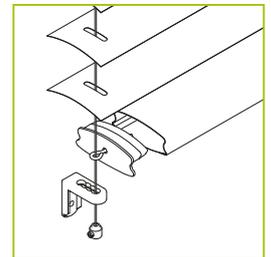


SLATS

The holes for steel cable in aluminum slats and wooden slat is 20 mm from the slats edge on both sides.

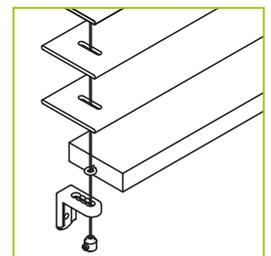
BOTTOM RAIL System V17 Standard, Smart

The cable is threaded through the V17 steel eyelet (13-0403-K0-W0) mounted in transparent bottom end cup (16-0261-K1000-W0). From the bottom the cable is clamped by the FIX type A Ø8 mm (10-0180-K0034-W0) mounted in the angular cable holder for clamp Ø8 mm (10-0135-K0000-W0). You can also use a clamp to attach the cable from below strings for FIX type B Ø4 mm (15-6132-K0034-W0) mounted in the guide cable holder side guide in the recess (15-6115-K0000-W0) or in the V35 side guide holder (15-0248-K0-W0) or side guide angle V35 (15-0248-K0-W0).



BOTTOM RAIL System V17 Standard wood/bamboo, Smart wood/bamboo

The cable is threaded through the V17 steel eyelet (13-0403-K0-W0) or the steel eyelet side (13-0402-K0034-W0) mounted directly in the 50 mm wooden/bamboo bottom rail (17-0106-K***-W2700/17-0206-K***-W3000). From the bottom the cable is clamped by the FIX type A Ø8 mm (10-0180-K0034-W0) mounted in the angle cable holder for clamp Ø8 mm (10-0135-K0000-W0). You can also use a clamp to attach the cable from below strings for FIX type B Ø4 mm (15-6132-K0034-W0) mounted in the guide cable holder side guide in the recess (15-6115-K0000-W0) or in the V35 side guide holder (15-0248-K0-W0) or side guide angle V35 (15-0248-K0-W0).



VB mounting

Installation brackets used for the V17 blinds enable mounting it to the wall or ceiling. Number of installation brackets depends on the width of the blinds.

VB width [cm]	VB wood/bamboo width [cm]	Qty of installation brackets
< 130	< 90	2
130 ÷ 150	90 ÷ 150	3
150 ÷ 220	150 ÷ 210	4
220 ÷ 310	210 ÷ 270	5
310 ÷ 400	270 ÷ 300	6

Available Installation Brackets

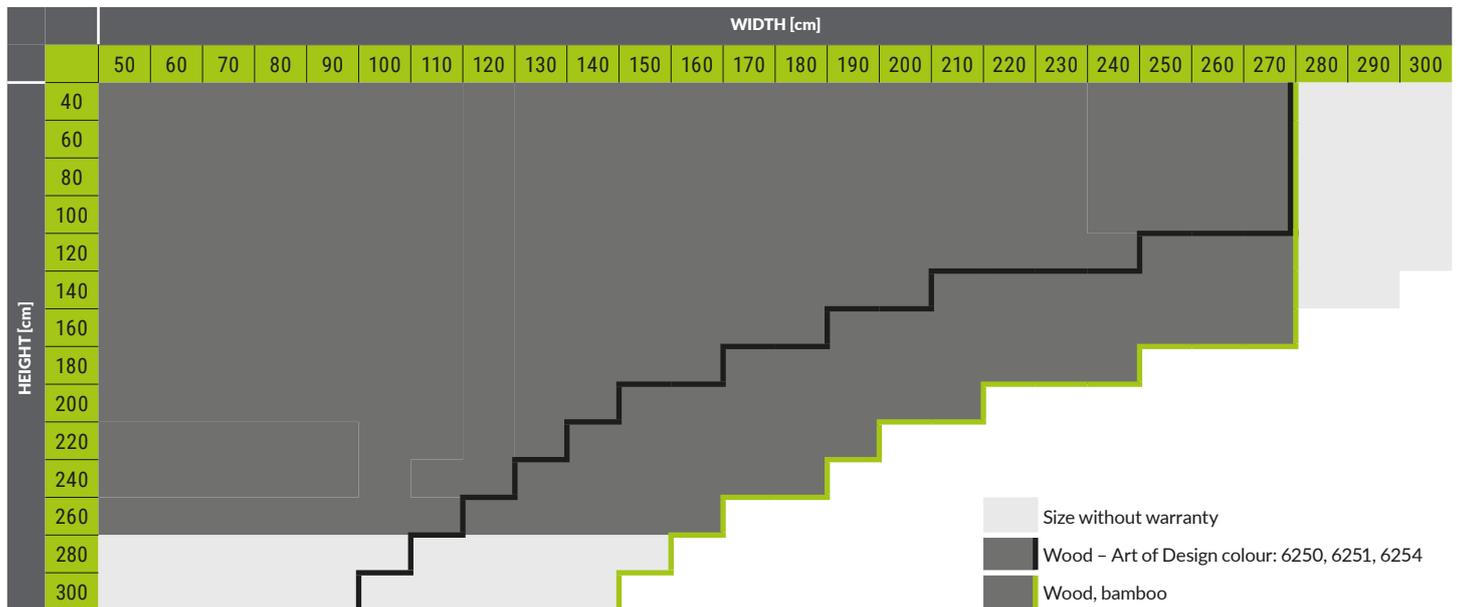
16-0302-K0034-W0

Installation bracket

16-0313-K0034-W0

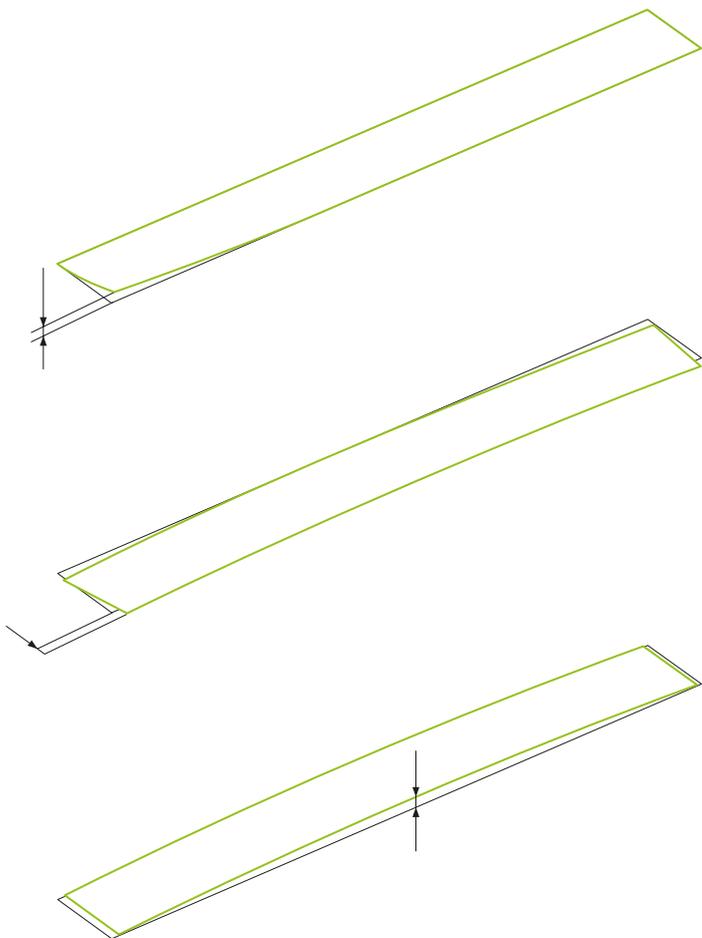
50 universal bracket

Maximum size of wooden/bamboo V17 Smart with Shadowin® engine



Standards of tolerance of shape and dimensions of horizontal blinds

PN-EN 13120:2009+A1:2014-04



TORSION / TWIST

angular deviation between the ends of the slats [mm/m] measured in the target position of the slats (horizontal).

Allowable twist between the ends of the slats	
Material type	Max. allowable torsion [mm/m]
Aluminum slats	2
Wooden slats	2

CAMBER

slats edge deviation, length L [m] with reference to a flat surface.

Allowable camber between the ends of the slats	
Material type	Max. allowable camber [mm/m]
Aluminum slats	$0,5 \cdot L^2$
Wooden slats	$2 \cdot L$

ARCH

deviation of slats, length L [m] supported at two points on the ladder in relation to the surface defined by the ends of the slats. Measurements should be taken with the venetian blind lowered to minimize the influence of the VB weight on the bend.

Allowable bend between the ends of the slats	
Slats length [m]	Max. allowable arch [mm/m]
1,5	5
$1,5 < L < 2,5$	10
$2,5 < L < 3,5$	15

DIMENSIONAL TOLERANCE

On the assumption of the operation of the blinds in optimal conditions for a period of 1 year, the dimensional tolerance may change in relation to the height of +/- 3% and the width of +/- 0.5%.

MAGNUM
P O L S K A