SIERANT

BLIND SYSTEMS

EXTERNAL VENETIAN BLINDS

CATALOG

09/2021

1984 Est.
QUALITY GUARANTEE

EXTERNAL VENETIAN BLINDS

BLIND SYSTEMS

SIERANT sp. z o.o. Spółka komandytowa
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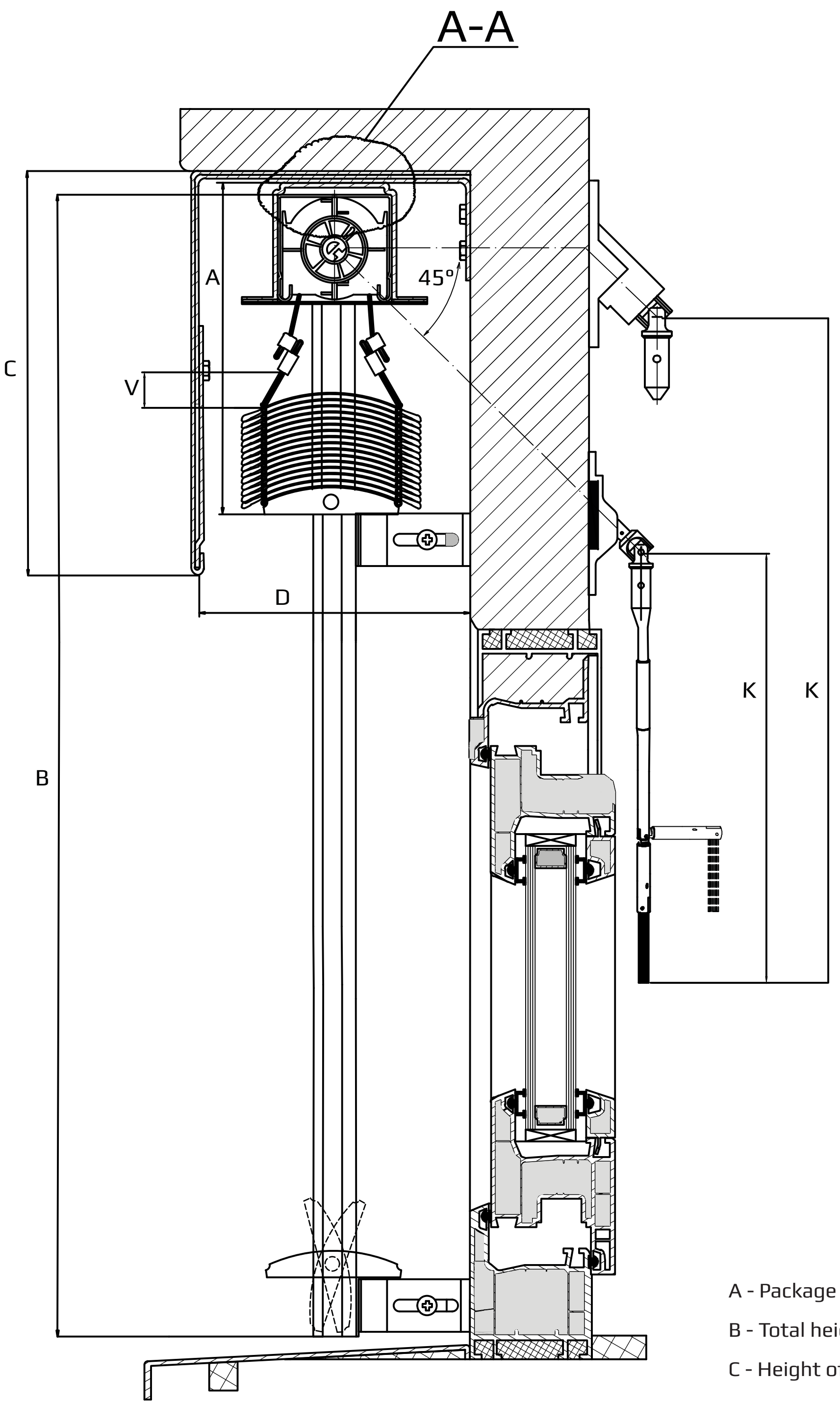
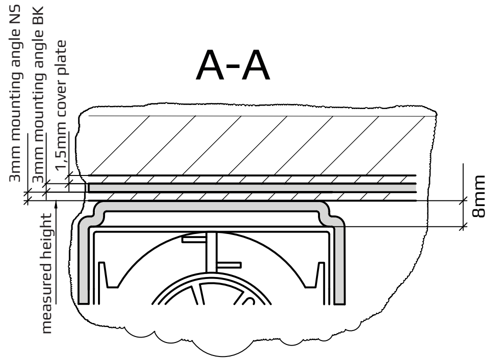
BLIND SYSTEMS

EXTERNAL VENETIAN BLIND C-80

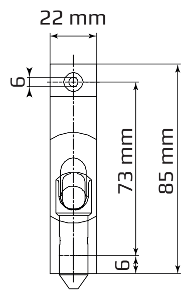




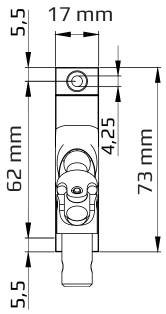
STANDARD

KS 45°

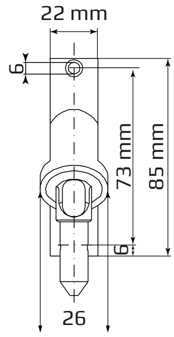
STANDARD



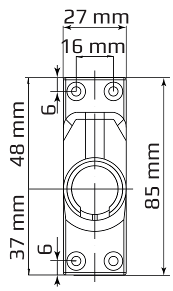
KS 45°-17



KS 90°



K4 65°



A - Package height

B - Total height of the blind

C - Height of the cover plate

D - Optimal depth: 130 mm,
Minimal depth: 120 mm

V - Distance from first slat, depending on the blind's height

K - Lenght of the crank mechanism

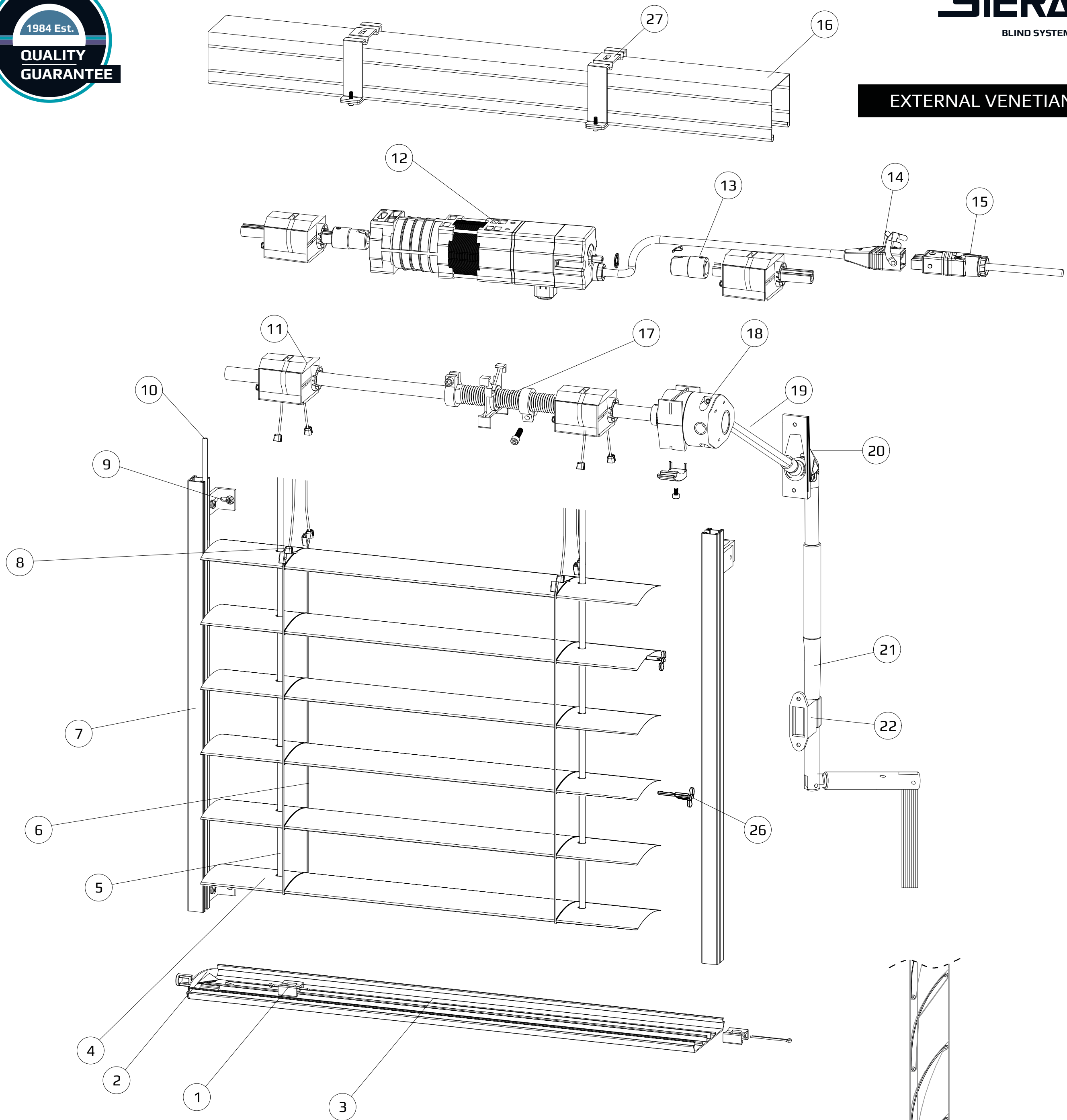
Number of head rail brackets

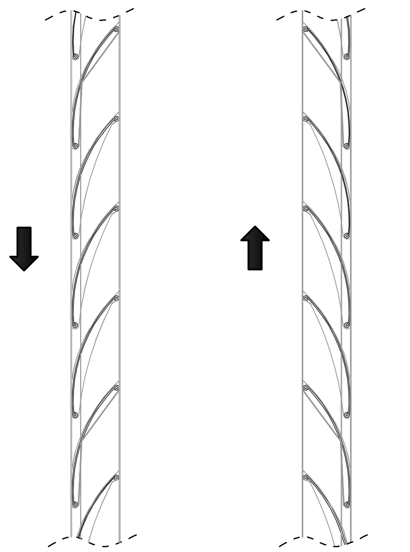
blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5

QUALITY GUARANTEE 1984 Est.

BLIND SYSTEMS

EXTERNAL VENETIAN BLIND C-80





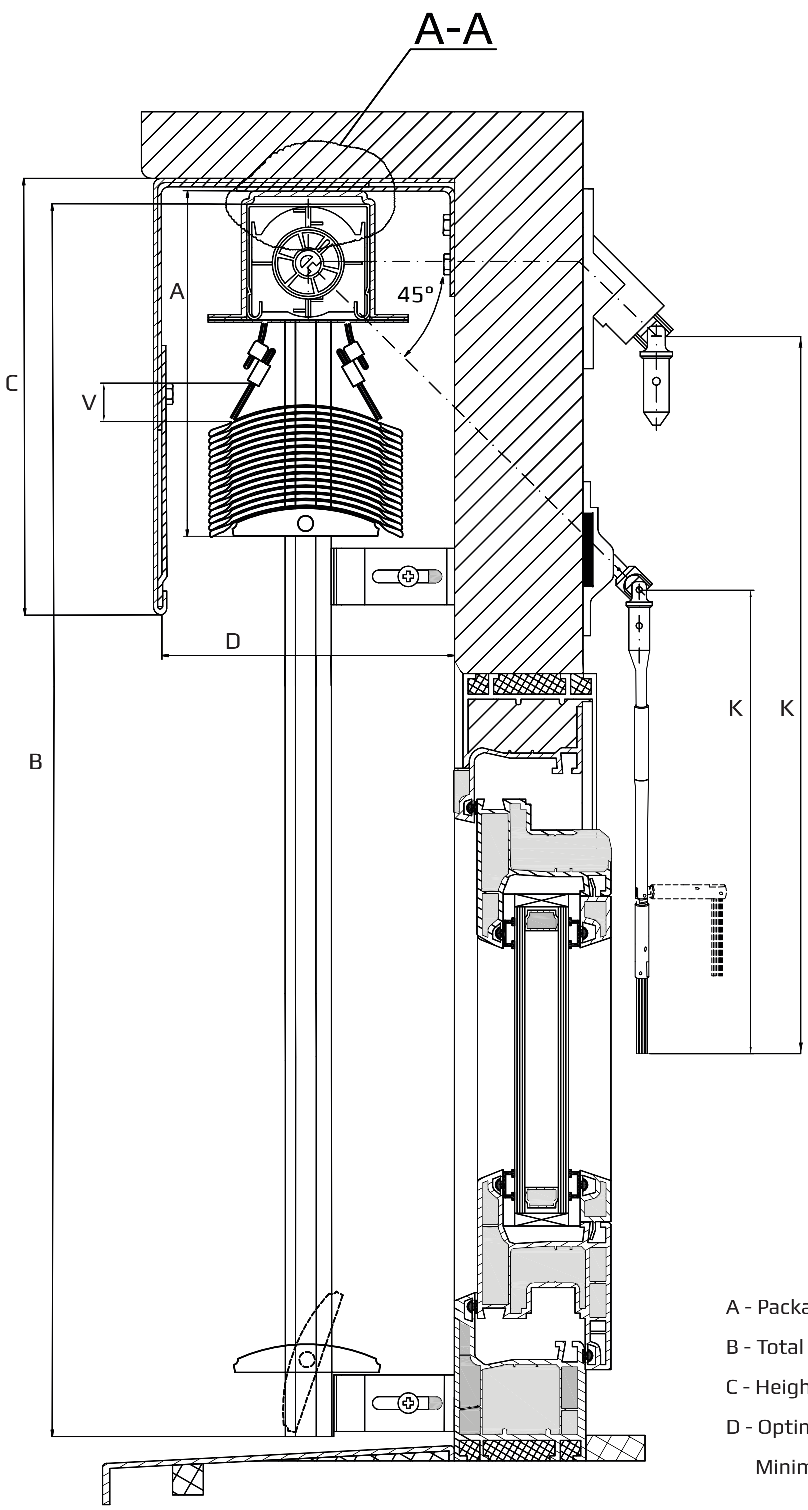
1 - Bottom rail textile band lock
2 - Bottom rail plug
3 - Bottom rail C-80 | **4** - Slat C-80
5 - Textile band 8 mm*
6 - Ladder cord C-80* | **7** - Guide channel TYPE 2
8 - Ladder-tilter connector
9 - Guide channel bracket A-N
10 - Guide channel insert
11 - Tilter C-80 | **12** - Motor 230 V
13 - Motor-tilt rod connector 14 mm
14 - Hirshmann plug Stak3
15 - Hirshmann coupling Stak3
16 - Head rail 58x56
17 - Mechanical end-stop
18 - Bevel gear / **19** - Cardan coupling tilt rod
20 - Cardan coupling
21 - Crank | **22** - Crank holder
23 - Mounting angle BK
24 - Mounting angle NS | **25** - Extension PD
26 - Guiding pin C-80
27 - Head rail bracket TYPE 1

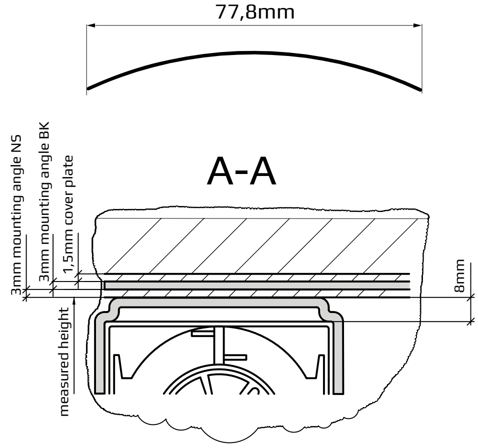
*** Textiles available in grey or black color**

max. width	max. height	max. surface (manual)	max. surface (motor)	max. surface of connected blinds (manual)	max. surface of connected blinds (motor)	Max. quantity of connected blinds (one motor)	Average weight of 1m²: up to 7m² surface	Average weight of 1m²: above 7m² surface
4000 mm	4000 mm	9 m²	16 m²	9 m²	24 m²	3 pcs	3 kg	2,7 kg

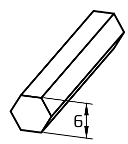
SIERANC BLIND SYSTEMS

EXTERNAL VENETIAN BLIND C-80F

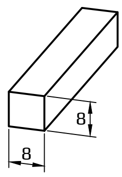




STANDARD

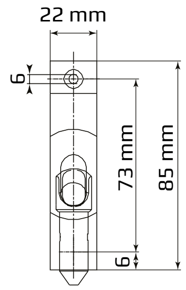


KS 45°

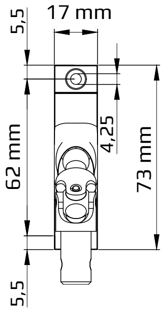


KS 45°-17

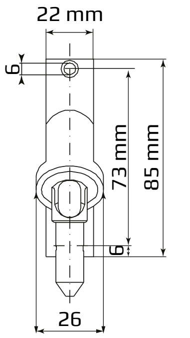
STANDARD

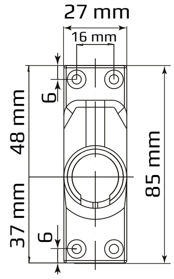


KS 90°



K4 65°





A - Package height

B - Total height of the blind

C - Height of the cover plate

D - Optimal depth: 130 mm,
Minimal depth: 120 m

V - Distance from first slat,
depending on the blind's height

K - Lenght of the crank mechanism

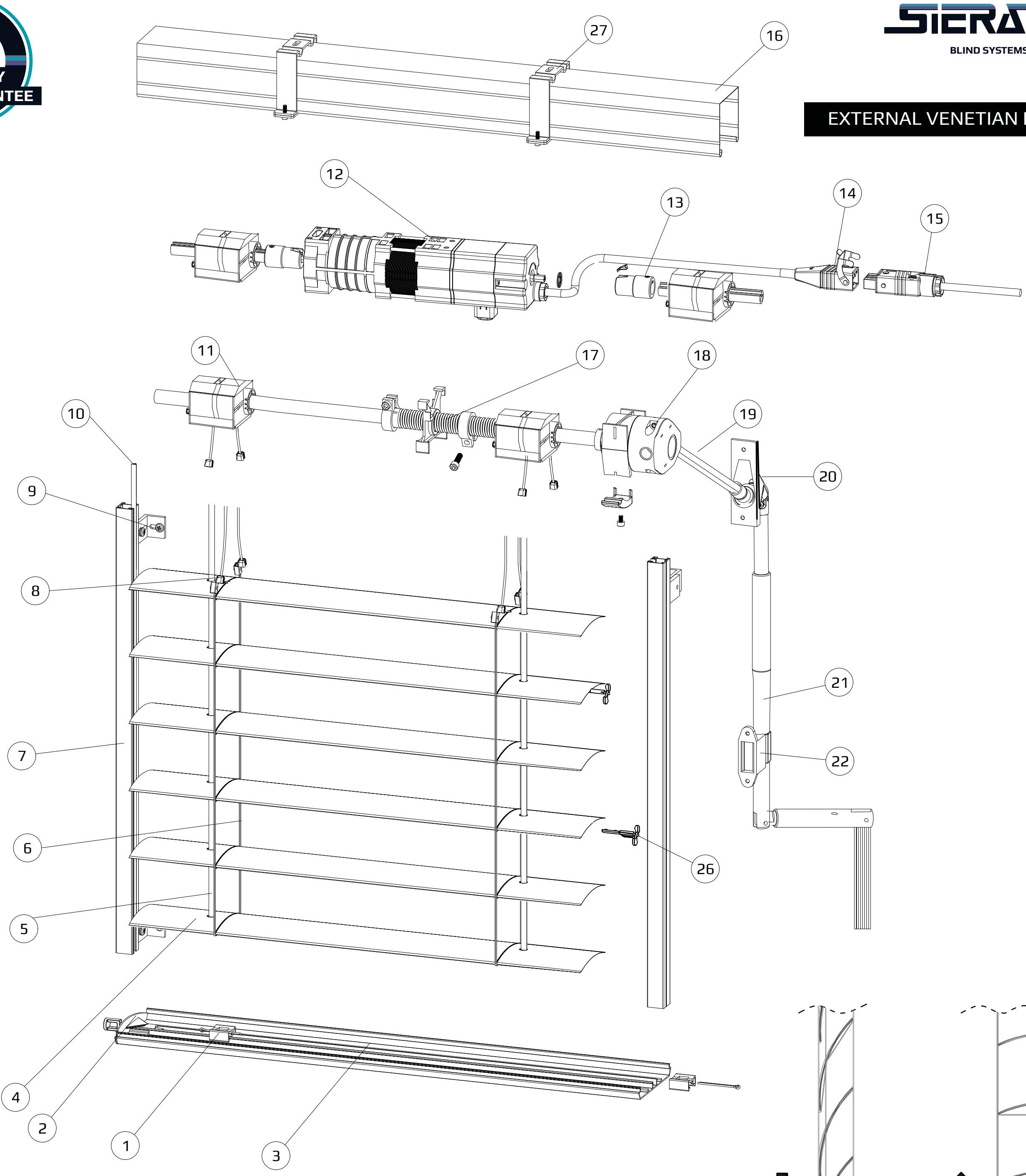
Number of head rail brackets

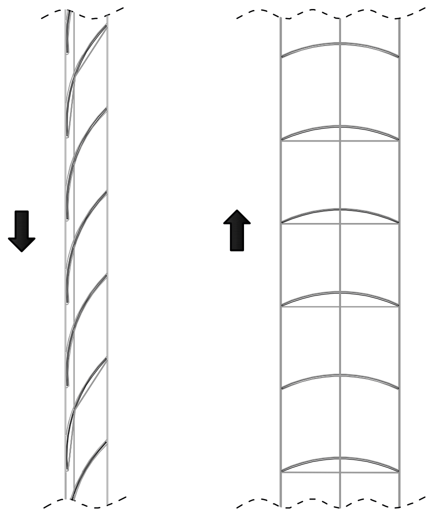
blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5

1984 Est.
QUALITY GUARANTEE

SIERANC
BLIND SYSTEMS

EXTERNAL VENETIAN BLIND C-80F





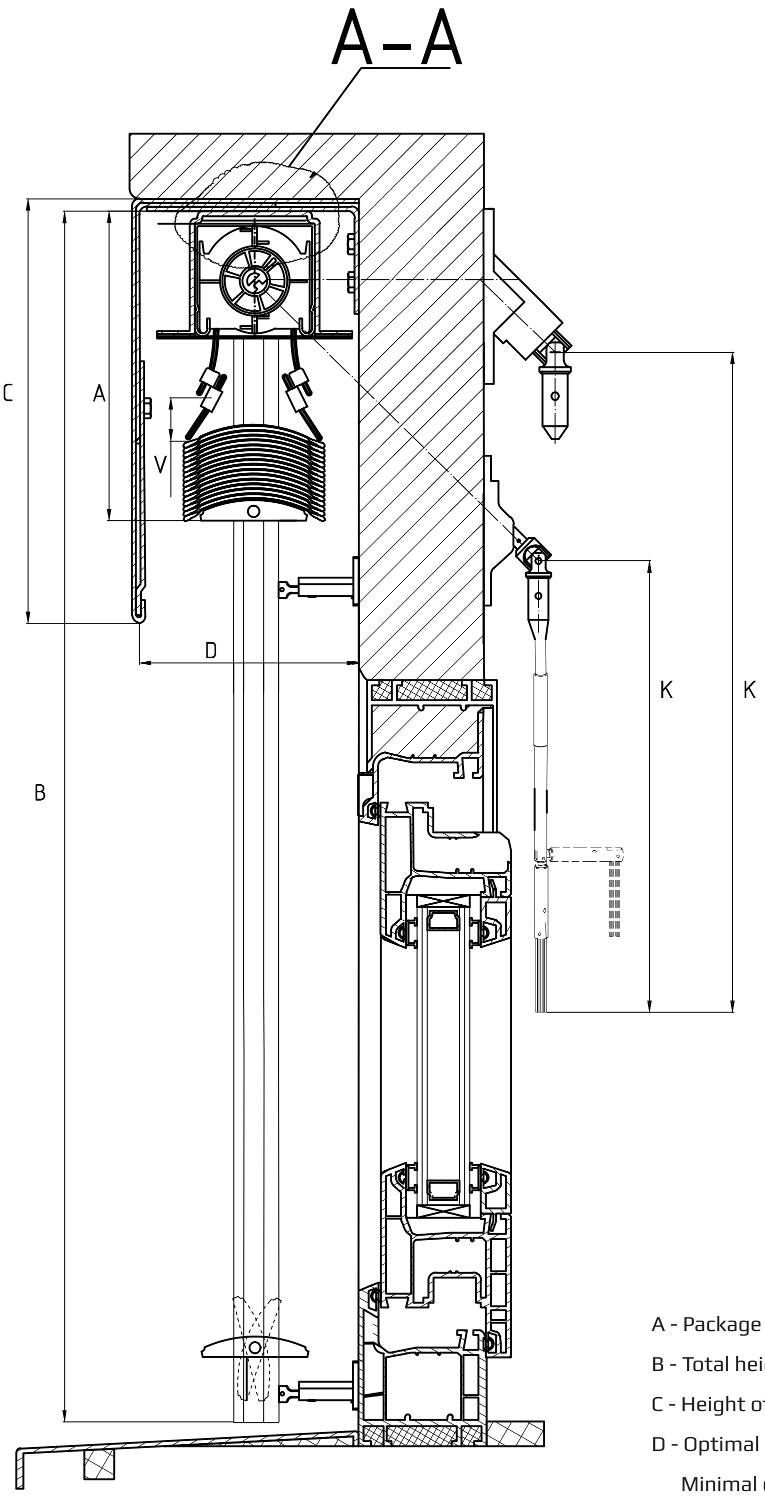
1 - Bottom rail textile band lock
2 - Bottom rail plug C-80F
3 - Bottom rail C-80 | **4** - Slat C-80F
5 - Textile band 8 mm*
6 - Ladder cord C-80F* | **7** - Guide channel TYPE 2
8 - Ladder-tilter connector
9 - Guide channel bracket A-N
10 - Guide channel insert
11 - Tilter C-80F | **12** - Motor 230 V
13 - Motor-tilt rod connector 14 mm
14 - Hirshmann plug Stak3
15 - Hirshmann coupling Stak3
16 - Head rail 58x56
17 - Mechanical end-stop
18 - Bevel gear / **19** - Cardan coupling tilt rod
20 - Cardan coupling
21 - Crank | **22** - Crank holder
23 - Mounting angle BK
24 - Mounting angle NS | **25** - Extension PD
26 - Guiding pin C-80F
27 - Head rail bracket TYPE 1

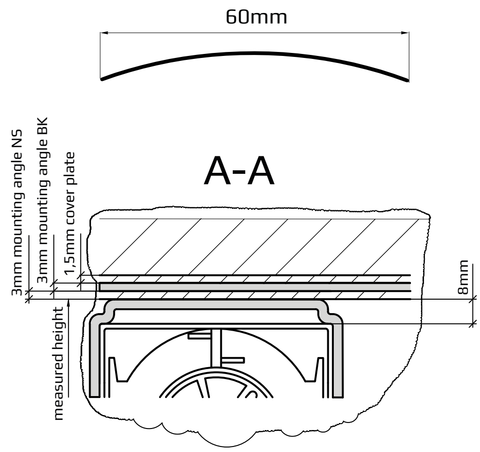
*** Textiles available in grey or black color**

max. width	max. height	max. surface (manual)	max. surface (motor)	max. surface of connected blinds (manual)	max. surface of connected blinds (motor)	Max. quantity of connected blinds (one motor)	Average weight of 1m²: up to 7m² surface	Average weight of 1m²: above 7m² surface
3000 mm	4000 mm	9 m²	12 m²	9 m²	20 m²	3 pcs	3 kg	2,7 kg

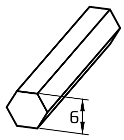
BLIND SYSTEMS

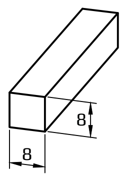
EXTERNAL VENETIAN BLIND C-60F





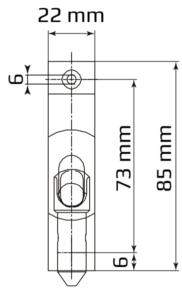
STANDARD



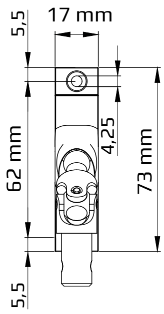


KS 45°

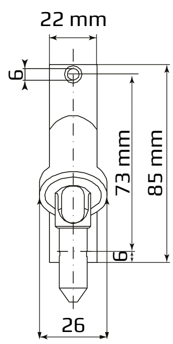
STANDARD



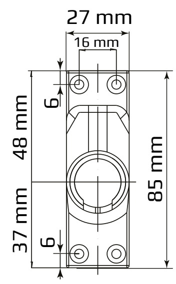
KS 45°-17



KS 90°



K4 65°



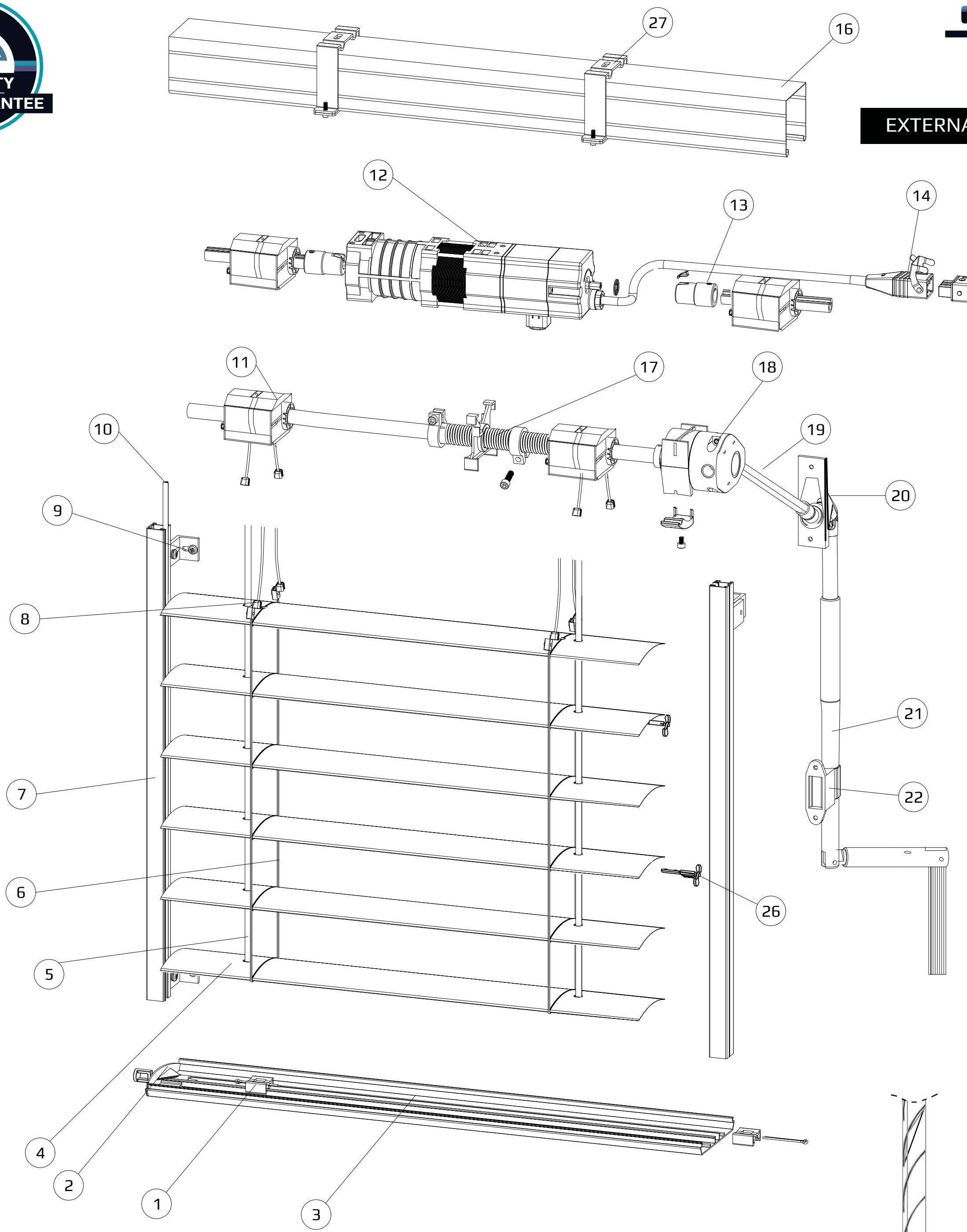
A - Package height
B - Total height of the blind
C - Height of the cover plate
D - Optimal depth: 110 mm,
Minimal depth: 100 mm

V - Distance from first slat, depending on the blind's height
K - Lenght of the crank mechanism

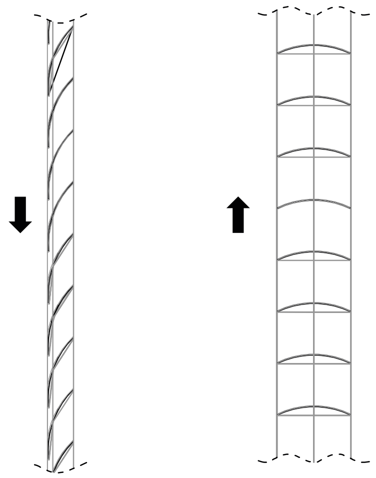
Number of head rail brackets

blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5

EXTERNAL VENETIAN BLIND C-60F



1 - Bottom rail textile band lock
2 - Bottom rail plug C-60F
3 - Bottom rail C-60F I 4 - Slat C-60F
5 - Textile band 8 mm*
6 - Ladder cord C-60F* I 7 - Guide channel TYPE 2
8 - Ladder-tilter connector
9 - Guide channel bracket A-TKK
10 - Guide channel insert
11 - Tilter C-60F I 12 - Motor 230 V
13 - Motor-tilt rod connector 14 mm
14 - Hirshmann plug Stak3
15 - Hirshmann coupling Stak3
16 - Head rail 58x56
17 - Mechanical end-stop
18 - Bevel gear / 19 - Cardan coupling tilt rod
20 - Cardan coupling
21 - Crank I 22 - Crank holder
23 - Mounting angle BK
24 - Mounting angle NS I 25 - Extension PD
26 - Guiding pin C-60F
27 - Head rail bracket TYPE 1

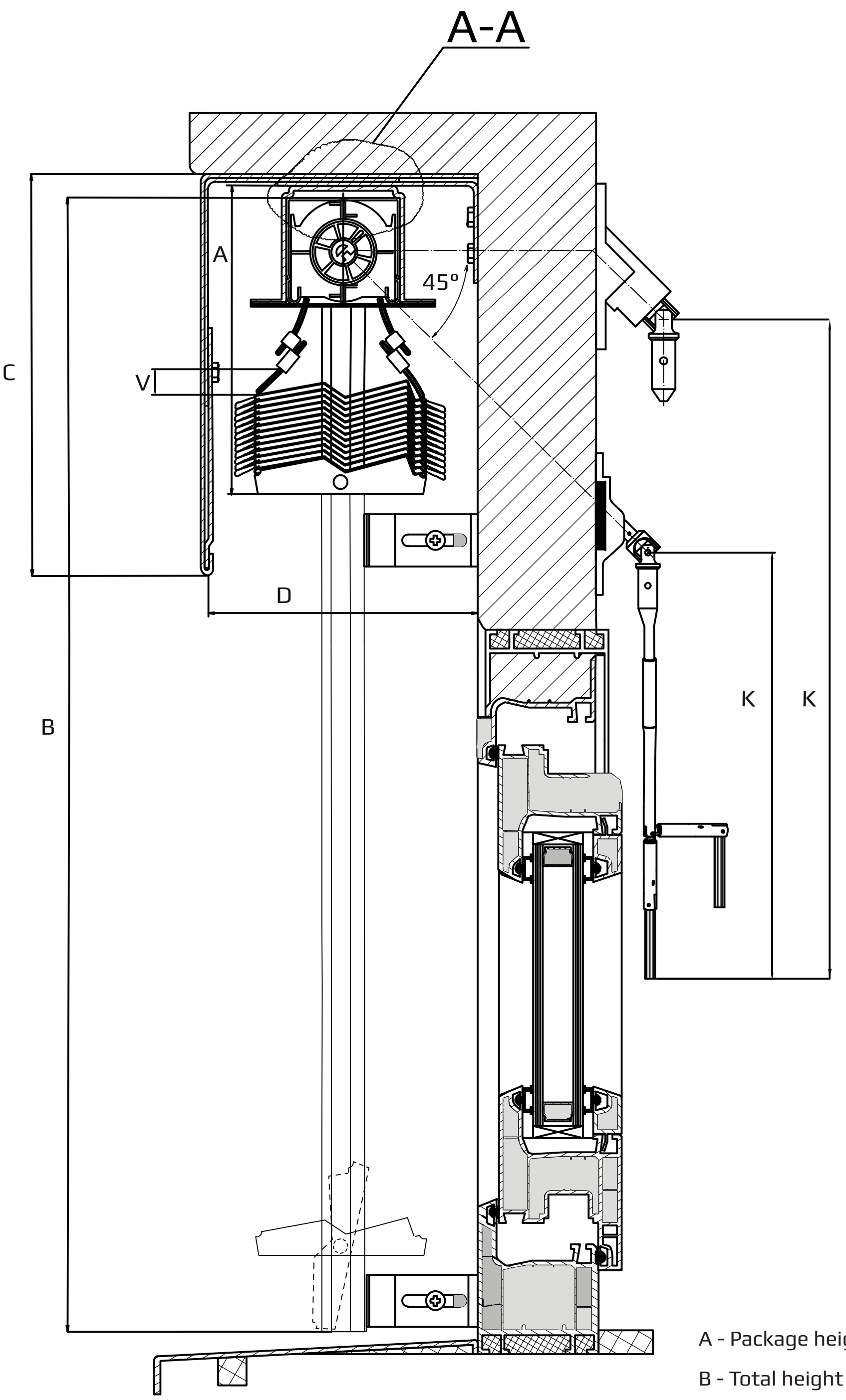


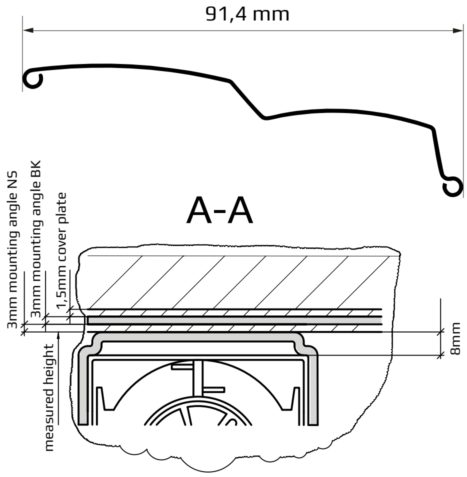
*** Textiles available in grey or black color**

max. width	max. height	max. surface (manual)	max. surface (motor)	max. surface of connected blinds (manual)	max. surface of connected blinds (motor)	Max. quantity of connected blinds (one motor)	Average weight of 1m²: up to 7m² surface	Average weight of 1m²: above 7m² surface
3000 mm	4000 mm	9 m²	14 m²	9 m²	20 m²	3 pcs	3 kg	2,7 kg

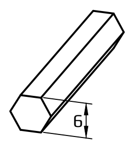
BLIND SYSTEMS

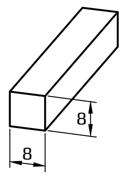
EXTERNAL VENETIAN BLIND Z-90





STANDARD

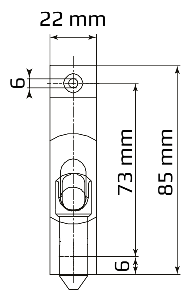


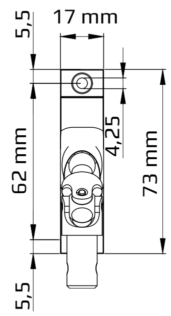


KS 45°

STANDARD

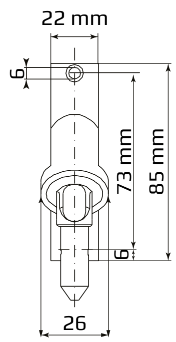
KS 45°-17

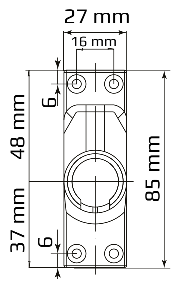




KS 90°

K4 65°





A - Package height.

B - Total height of the blind.

C - Height of the cover plate.

D - Optimal depth: 140 mm,

Minimal depth: 130 m

V - Distance from first slat,

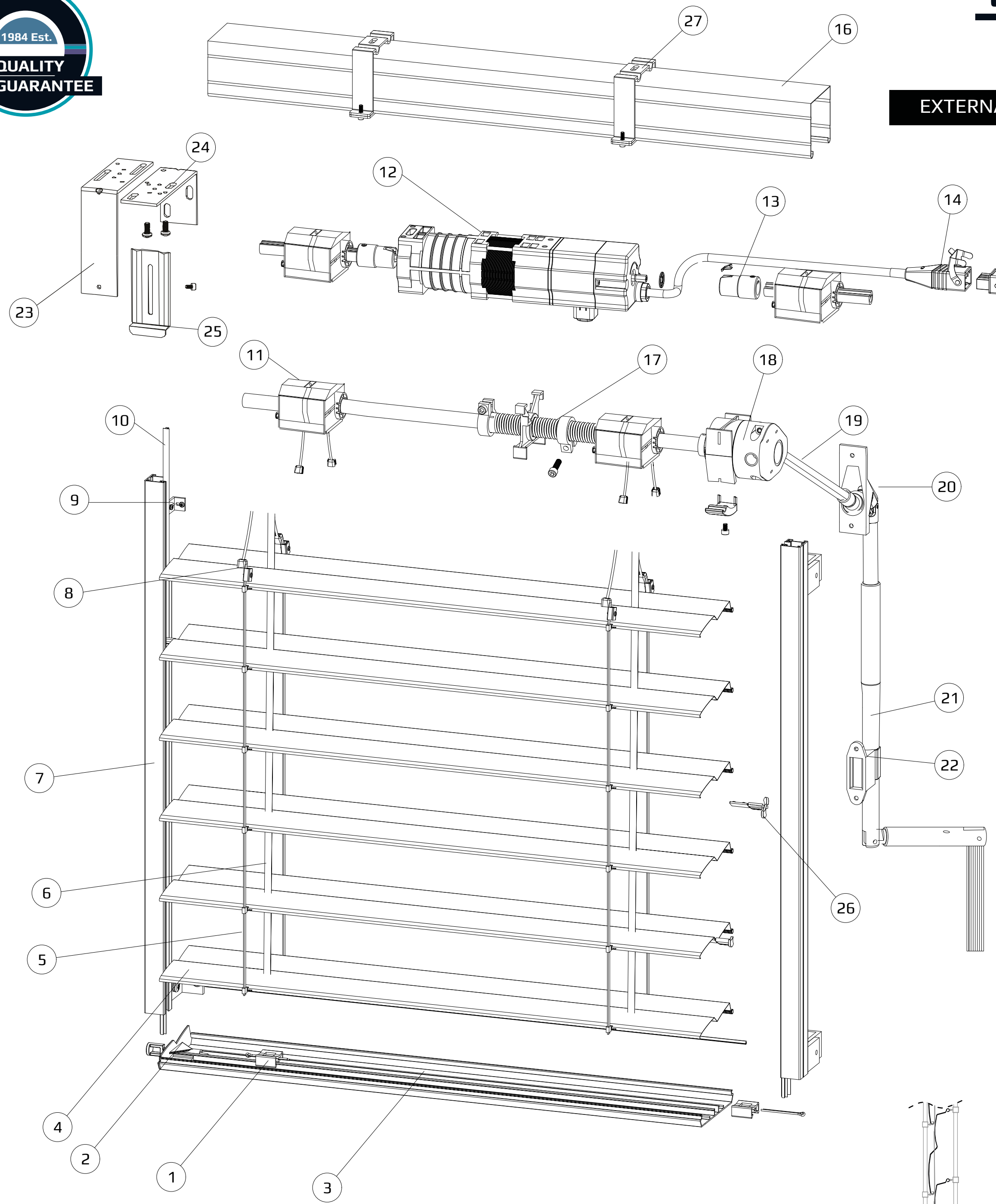
depending on the blind's height.

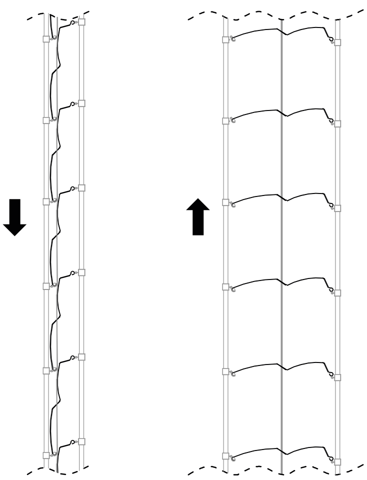
K - Lenght of the crank mechanism

Number of head rail brackets

blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5

EXTERNAL VENETIAN BLIND Z-90





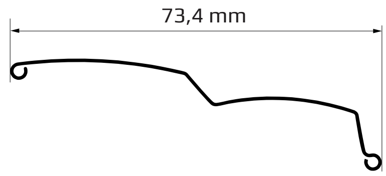
1 - Bottom rail textile band lock
2 - Bottom rail plug Z-90
3 - Bottom rail Z-90 | **4** - Slat Z-90
5 - Hagofix tape for z-90*
6 - Textile band 8 mm* | **7** - Guide channel TYPE 2
8 - Ladder-tilter connector
9 - Guide channel bracket A-N
10 - Guide channel insert
11 - Tilter Z-90 | **12** - Motor 230 V
13 - Motor-tilt rod connector 14 mm
14 - Hirshmann plug Stak3
15 - Hirshmann coupling Stak3
16 - Head rail 58x56
17 - Mechanical end-stop
18 - Bevel gear / **19** - Cardan coupling tilt rod
20 - Cardan coupling
21 - Crank | **22** - Crank holder
23 - Mounting angle BK
24 - Mounting angle NS | **25** - Extension PD
26 - Guiding pin Z-90
27 - Head rail bracket TYPE 1

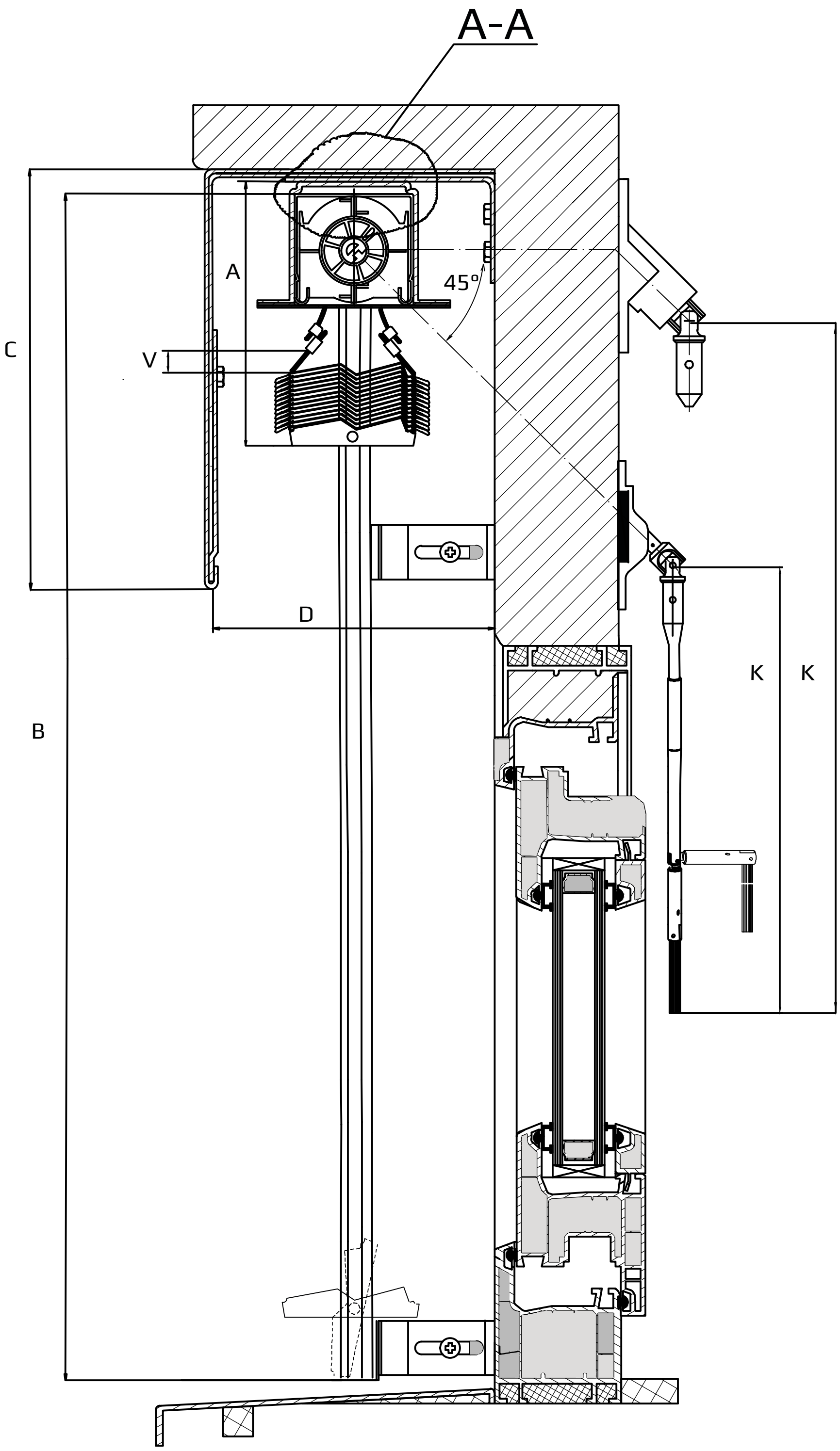
*** Textiles available in grey or black color**

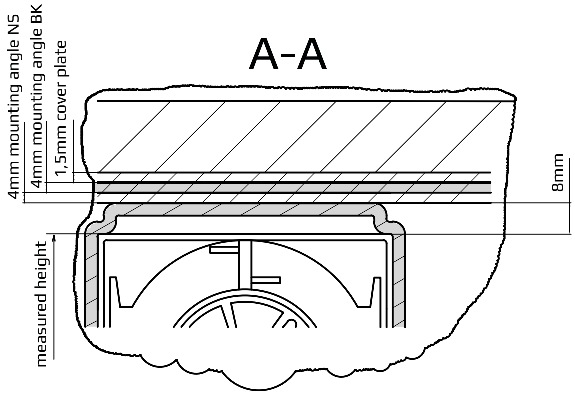
max. width	max. height	max. surface (manual)	max. surface (motor)	max. surface of connected blinds (manual)	max. surface of connected blinds (motor)	Max. quantity of connected blinds (one motor)	Average weight of 1m²: up to 7m² surface	Average weight of 1m²: above 7m² surface
4000 mm	4000 mm	9 m²	16 m²	9 m²	24 m²	3 pcs	3,3 kg	2,7 kg

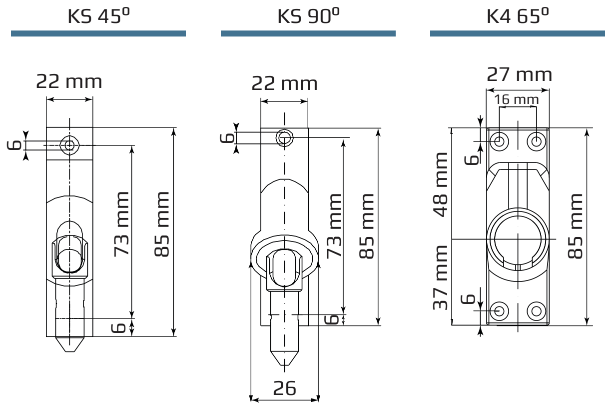
BLIND SYSTEMS

EXTERNAL VENETIAN BLIND Z-70









A - Package height

B - Total height of the blind

C - Height of the cover plate

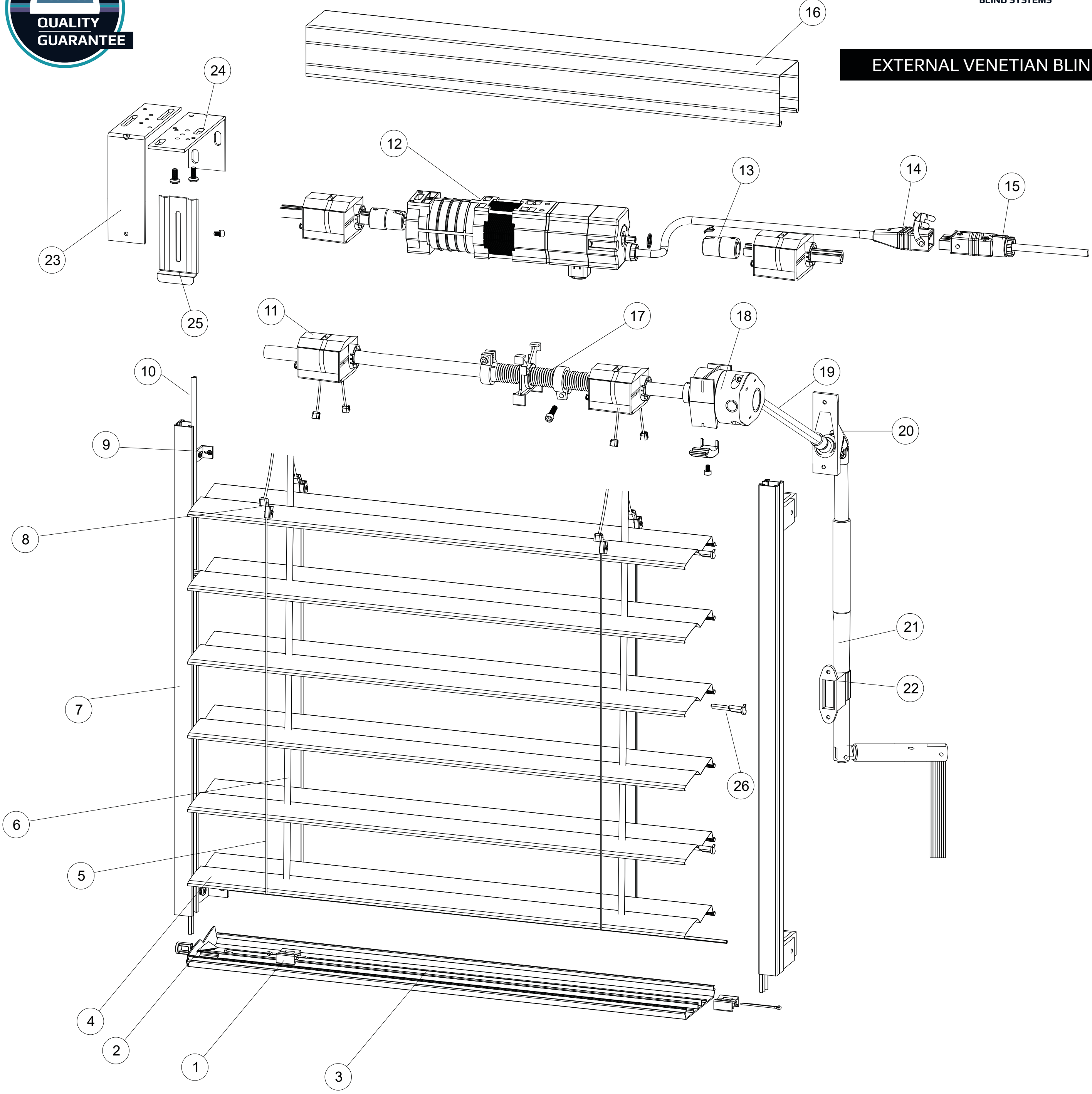
D - Optimal depth: 130 mm,
Minimal depth: 120 m

V - Distance from first slat,
depending on the blind’s height.

K - Lenght of the crank mechanism

Number of head rail brackets

blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5



1 - Bottom rail textile band lock
2 - Bottom rail plug Z-70
3 - Bottom rail Z-70 | **4** - Slat Z-70
5 - Hagofix tape for z-70
6 - Textile band 8 mm | **7** - Guide channel TYPE 2
8 - Ladder-tilter connector
9 - Guide channel bracket A-N
10 - Guide channel insert
11 - Tilter Z-70 | **12** - Motor 230 V
13 - Motor-tilt rod connector 14 mm
14 - Hirshmann plug Stak3
15 - Hirshmann coupling Stak3
16 - Head rail 58x56
17 - Mechanical end-stop
18 - Bevel gear / **19** - Cardan coupling tilt rod
20 - Cardan coupling
21 - Crank | **22** - Crank holder
23 - Mounting angle BK
24 - Mounting angle NS | **25** - Extension PD
26 - Guiding pin Z-70

min. width (manual)	min. width (motor)	max. width	max. height	max. surface (manual)	max. surface (motor)	max. surface of connected blinds (manual)	max. surface of connected blinds (motor)	Max. quantity of connected blinds (one motor)	Average weight of 1m²: up to 7m² surface	Average weight of 1m²: above 7m² surface
420 mm	500 mm	4000 mm	4000 mm	9 m²	14 m²	9 m²	24 m²	3 pcs	3,3 kg	2,7 kg

PACKAGE HEIGHT AND MINIMUM WIDTH

Z-90

blind height (mm)	guide channel		steel cord
	motor	manual	motor/manual
500 – 750	165*	155*	165*
751 – 1000	180*	170*	180*
1001 – 1250	190*	190*	190*
1251 – 1500	200*	200*	200*
1501 – 1750	215*	205*	215*
1751 – 2000	225	215*	225
2001 – 2250	235	225	235
2251 – 2500	245	235	245
2501 – 2750	255	245	255
2751 – 3000	265	255	265
3001 – 3250	280	270	280
3251 – 3500	300	290	300
3501 – 3750	310	300	310
3751 – 4000	320	310	320

C-80

blind height (mm)	guide channel		steel cord
	motor	manual	motor/manual
500 – 750	185*	175*	170*
751 – 1000	200*	190*	190*
1001 – 1250	220*	210*	210
1251 – 1500	230	220	220
1501 – 1750	245	235	230
1751 – 2000	260	250	245
2001 – 2250	270	260	255
2251 – 2500	280	270	270
2501 – 2750	290	280	280
2751 – 3000	315	305	300
3001 – 3250	330	320	315
3251 – 3500	340	330	325
3501 – 3750	355	345	335
3751 – 4000	370	360	350

C-80F

blind height (mm)	guide channel		steel cord
	motor	manual	motor/manual
500 – 750	140*	130*	130*
751 – 1000	150*	140*	140*
1001 – 1250	160*	150*	150*
1251 – 1500	165*	155*	155*
1501 – 1750	175*	165*	165*
1751 – 2000	180*	170*	170*
2001 – 2250	185*	175*	175*
2251 – 2500	195*	185*	185*
2501 – 2750	200*	190*	190*
2751 – 3000	210	200	200
3001 – 3250	215	205	205
3251 – 3500	220	210	210
3501 – 3750	230	220	220
3751 – 4000	240	230	230

C-60F

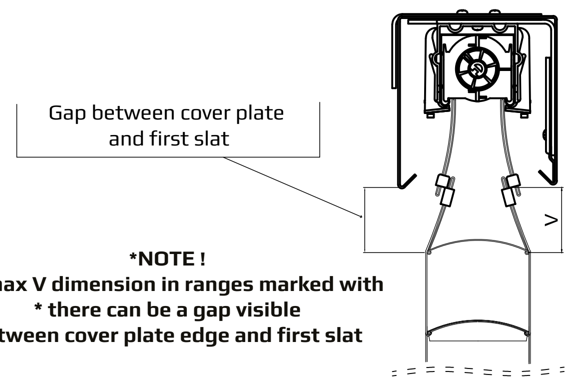
blind height (mm)	guide channel		steel cord
	motor	manual	motor/manual
500 - 700	145*	135*	135*
751 - 1000	160*	150*	150*
1001 - 1250	165*	155*	155*
1251 - 1500	175*	165*	165*
1501 - 1750	185*	175*	175*
1751 - 2000	195*	185*	185*
2001 - 2250	205	195*	195*
2251 - 2500	215	205	205
2501 - 2750	225	215	215
2751 - 3000	235	225	225
3001 - 3250	245	235	235
3251 - 3500	260	250	250
3501 - 3750	265	255	255
3751 - 4000	270	260	260

MINIMUM WIDTH

Type of guide	Manual control	Electric operation
1	420 mm	520 mm
2	420 mm	520 mm
3	420 mm	520 mm
4	420 mm	520 mm
SST	420 mm	520 mm
6 OV	470 mm	570 mm
7 OV	470 mm	570 mm
8	420 mm	520 mm
SSHD	420 mm	520 mm
MKS NT	460 mm	560 mm
MKS PT	460 mm	560 mm
SKEF	460 mm	560 mm
Linka	420 mm	520 mm
PG10+8	520 mm	620 mm
PG10+2	470 mm	570 mm

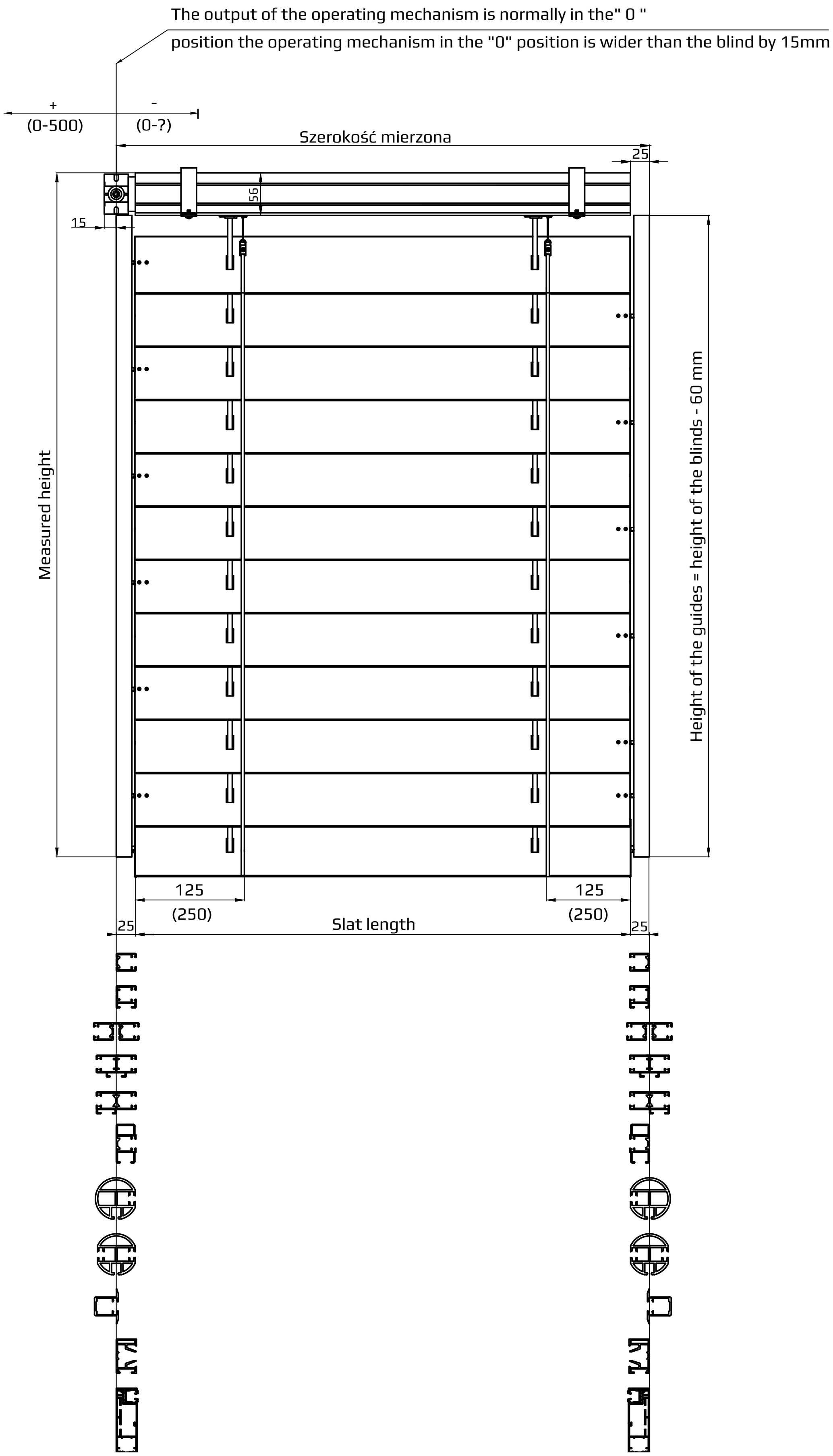
Maximum heights of blind in MKS boxes (mm)

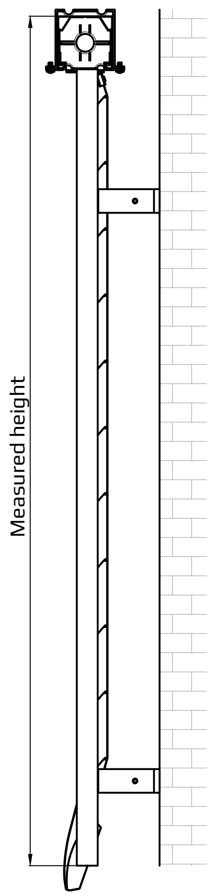
MKS box dimension	C-80	C-80F	C-60F	Z-90
200	1000	1980	1640	1450
240	1700	3430	2640	2250
280	2400	4700	3500	3000
340	3400		5100	4000



***NOTE !**
for max V dimension in ranges marked with
*** there can be a gap visible**
between cover plate edge and first slat

STANDARD BLIND MEASURING





GUIDE CHANNELS

TYP 1

TYP 2

TYP 3

TYP 4

TYP 4B

TYP 5 - SST

TYP 6 - OV

TYP 7 - OV

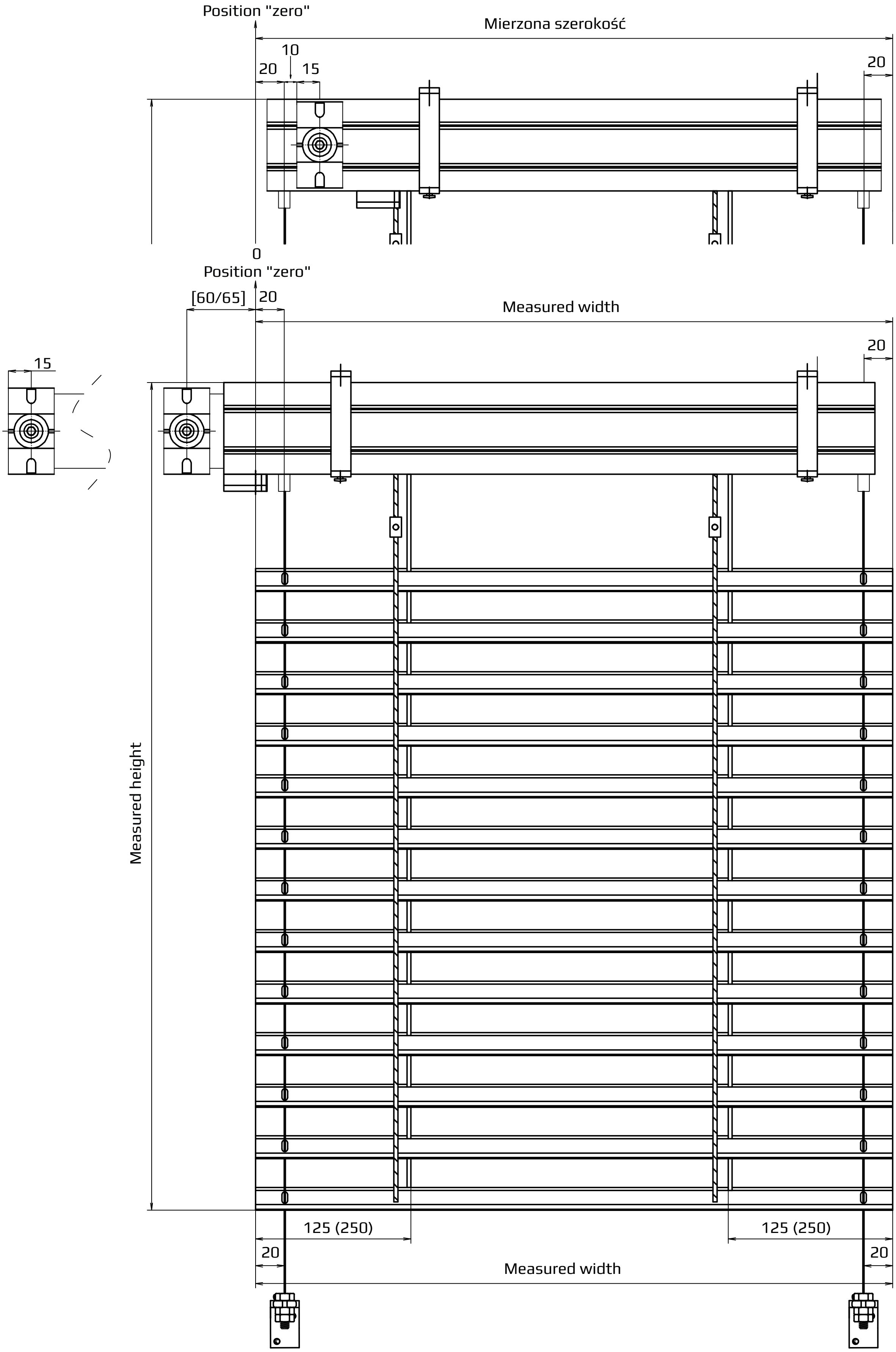
TYP 8 - PT

TYP 9 - SSHD

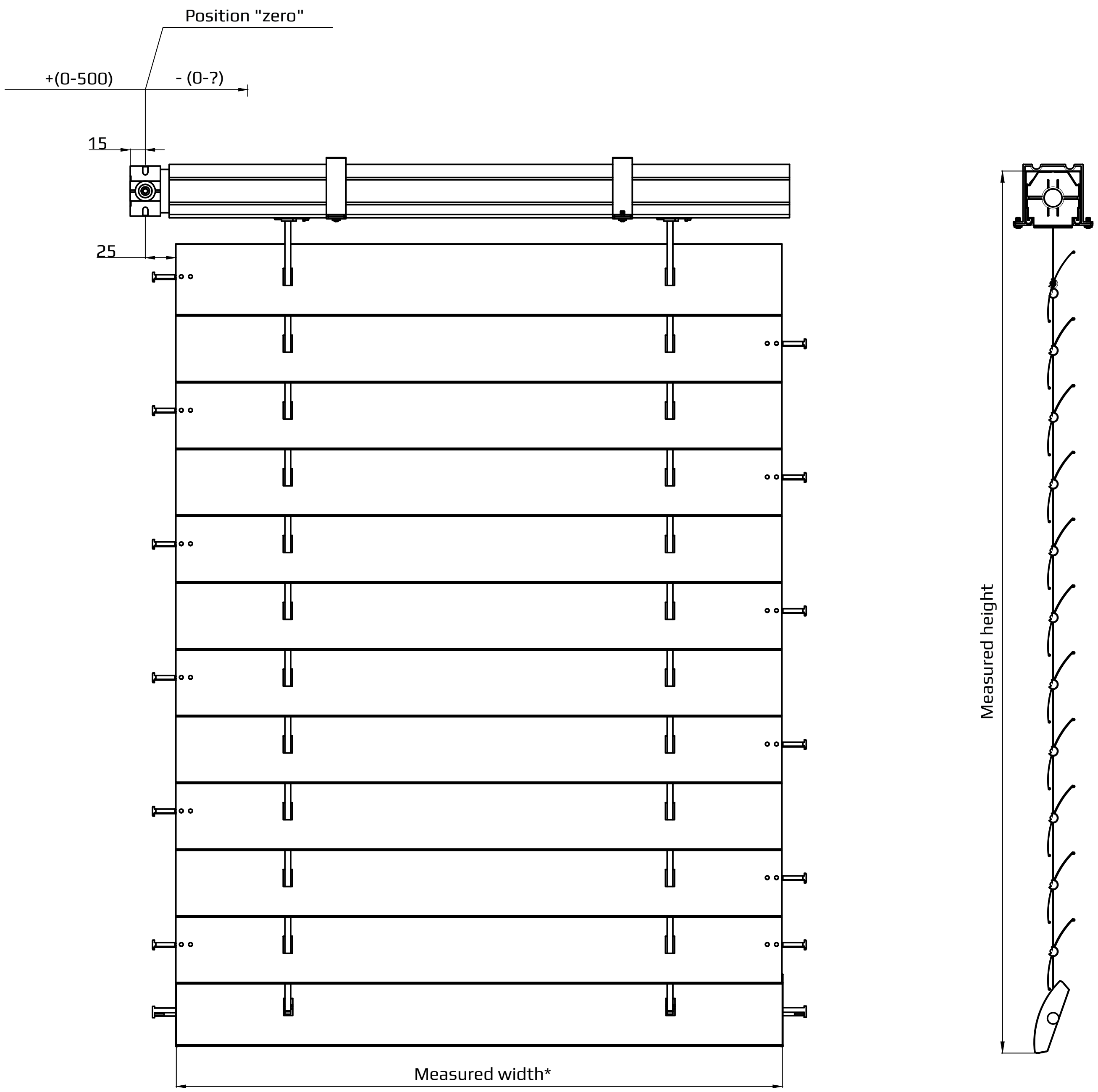
MKS - NT / MKS - PT / SKEF

SIERANT BLIND SYSTEMS

STEEL CORD GUIDED BLIND MEASURING



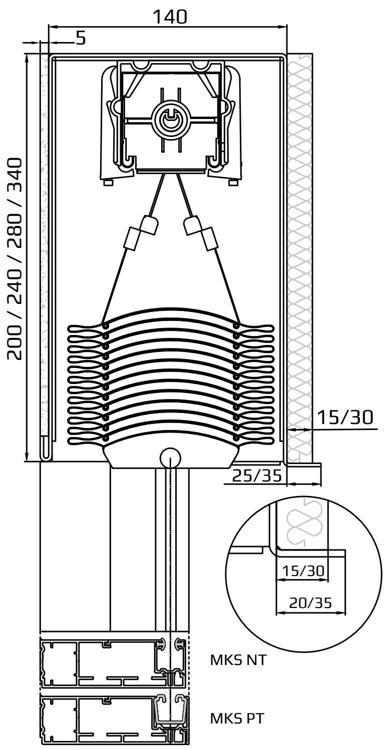
BLINDS' SLAT PACKS MEASURING

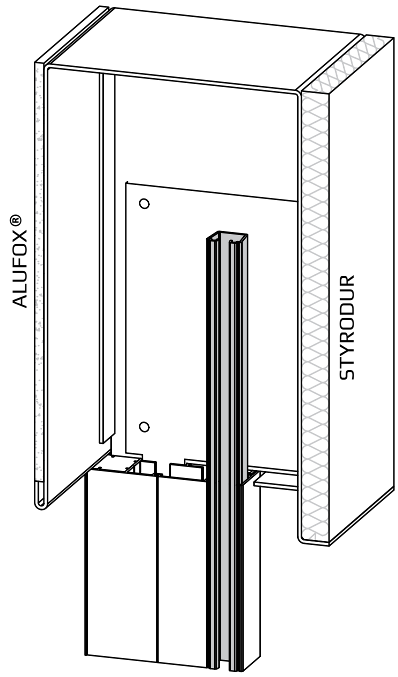


*calculation width = measured width + 5cm

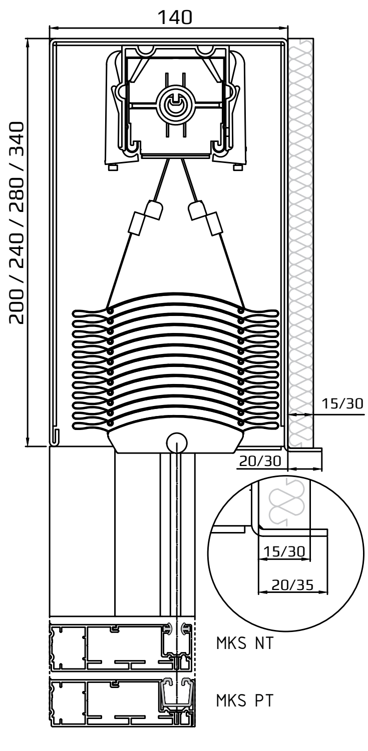
EXTERIOR VENETIAN BLINDS SYSTEM MKS 1.0 (bent box)

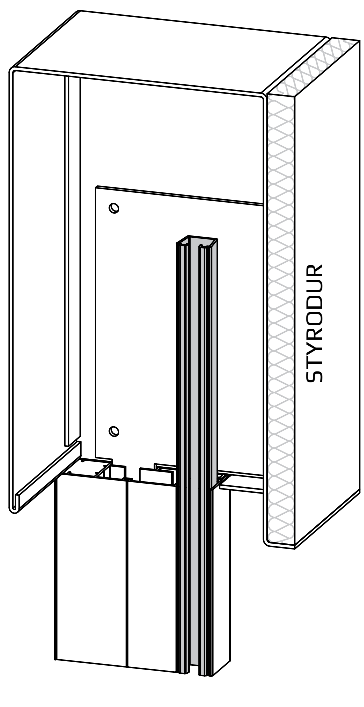
MKS 1.0 PT with ALUFOX



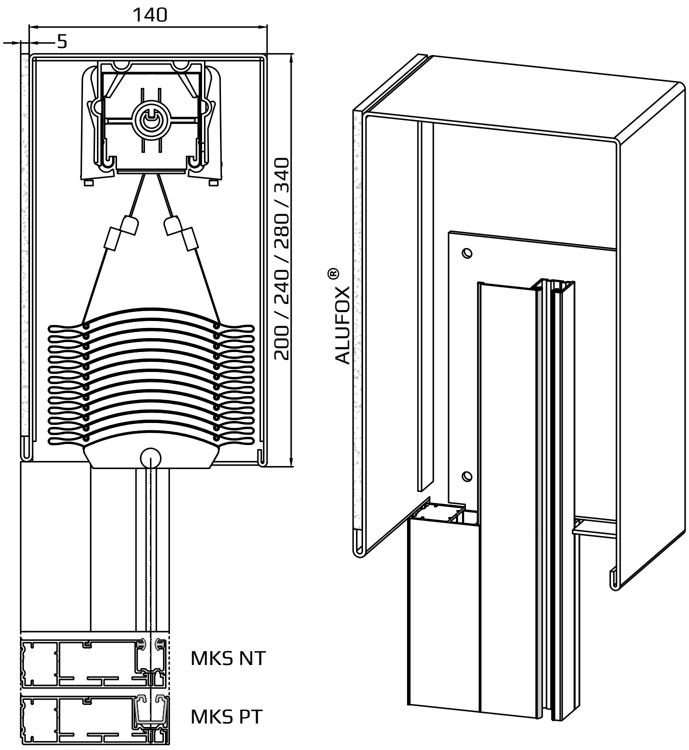


MKS 1.0 PT without ALUFOX

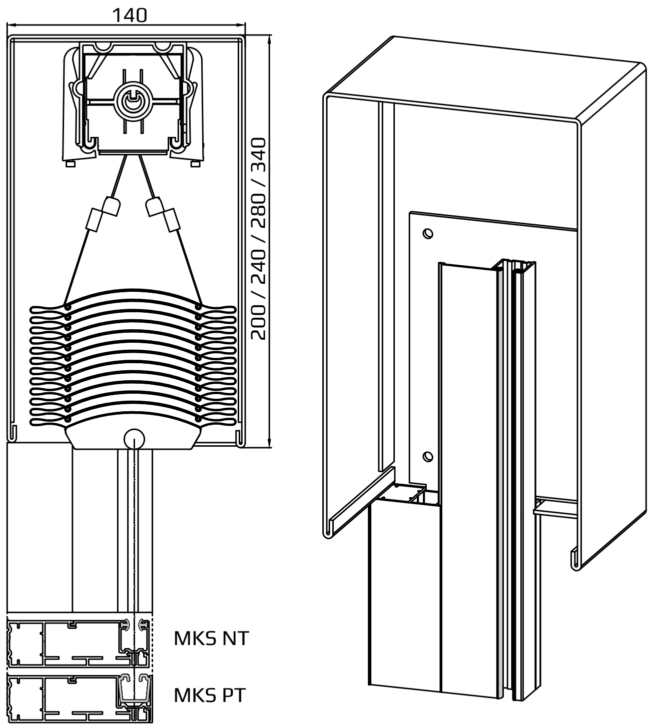




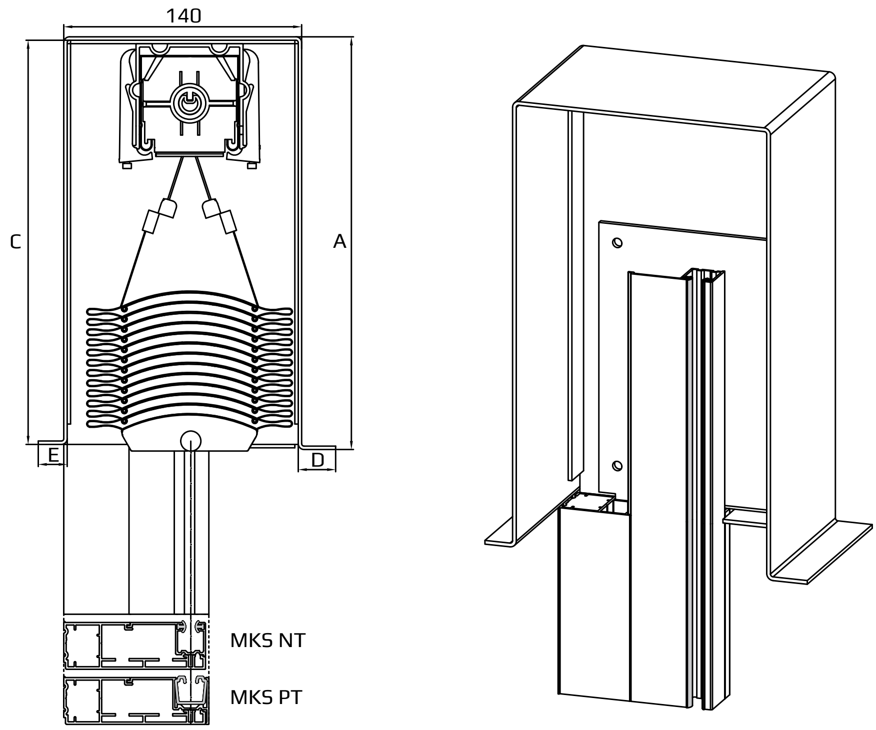
MKS 1.0 ADAPT with ALUFOX



MKS 1.0 ADAPT without ALUFOX



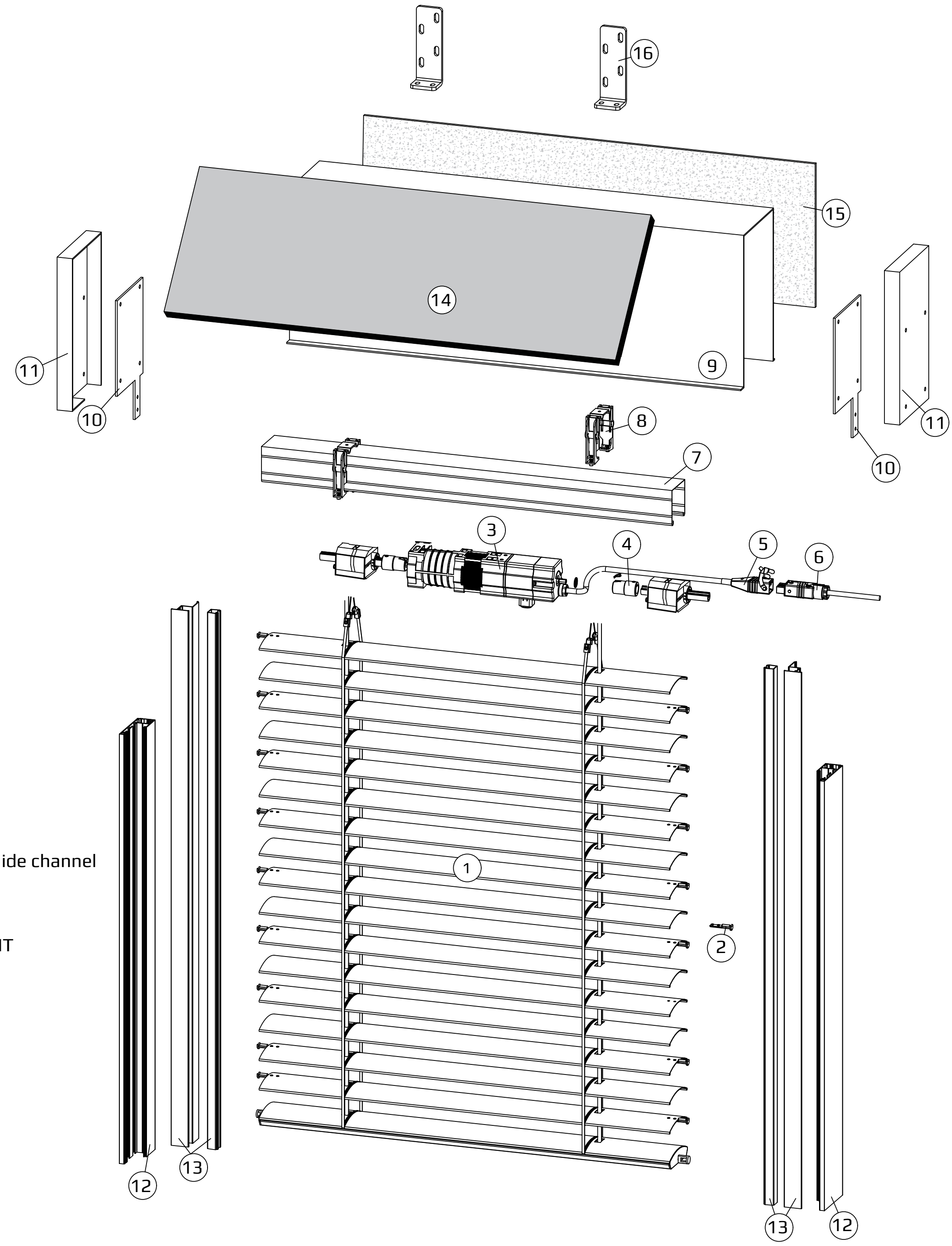
MKS 1.0 - special version



SIERANT
BLIND SYSTEMS

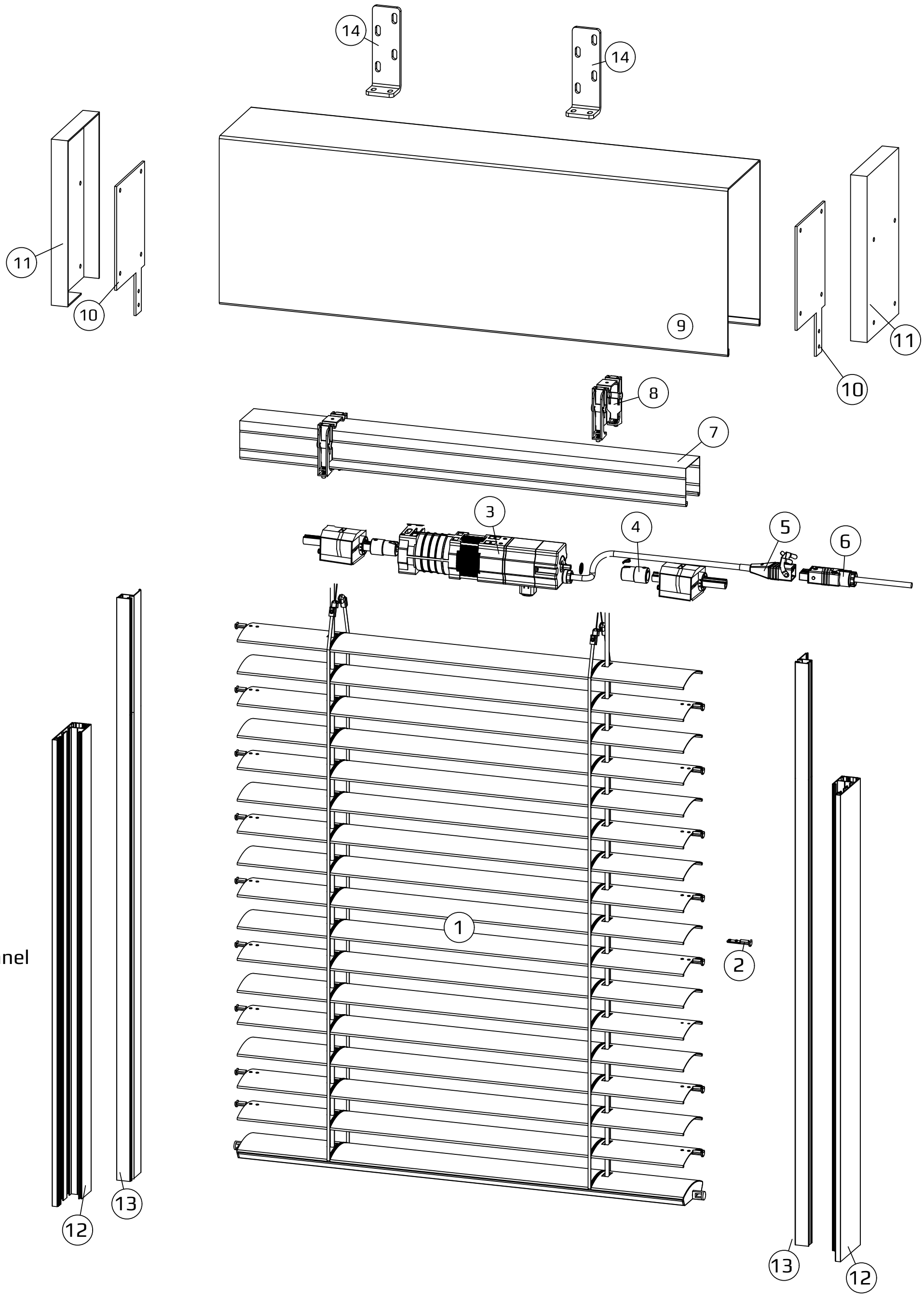
EXTERIOR VENETIAN BLINDS SYSTEM MKS 1.0 (bent box)

MKS 1.0 PT



1 - Exterior blind curtain
2 - Guiding pin
3 - Motor
4 - Motor - til rod connector 14 mm
5 - Hirschamnn plug
6 - Hirschmann coupling
7 - Head rail 58x56
8 - Head rail bracket 1a
9 - Bent aluminum box - TYPE 3
10 - "Ax" connecting the end cap and guide channel
11 - MKS 1.0 end cap
12 - MKS adapter
13 - MKS guide channel MKS PT / MKS NT
14 - Styrodur 15 / 20 mm
15 - Alufox® 5 mm
16 - Auxiliary bracket

MKS 1.0 ADAPT



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9 - Bent aluminum box - TYPE 3
10 - "Ax" connecting the end cap and guide channel
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12 - MKS adapter
13 - MKS guide channel MKS PT / MKS NT
14 - Auxiliary bracket

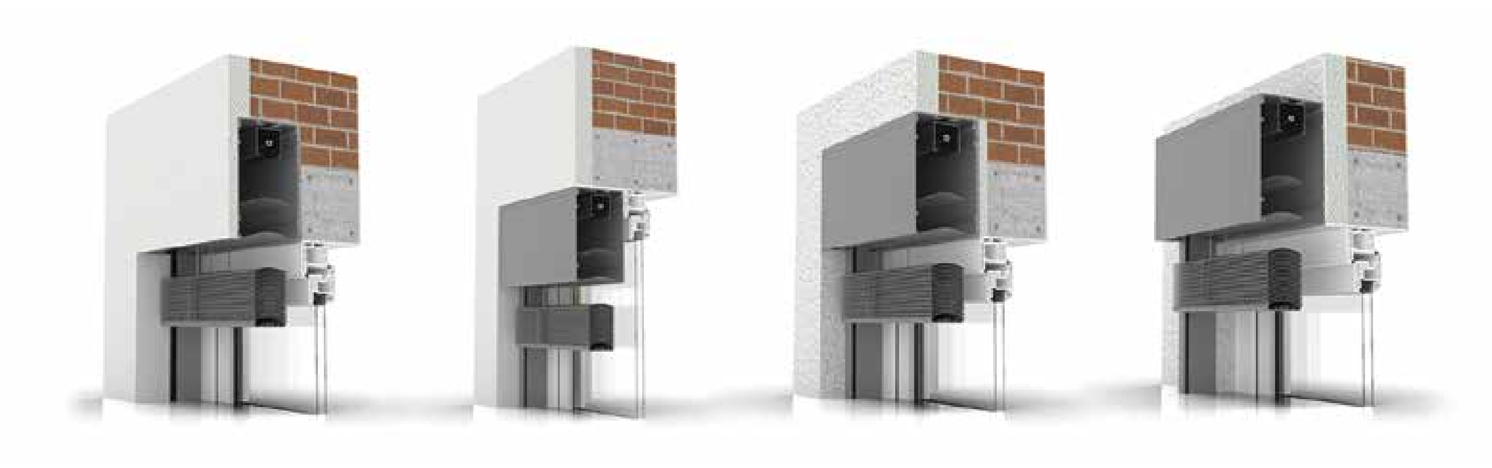
EXTERIOR VENETIAN BLINDS SYSTEM MKS 2.0 (extruded box)

Flush (under-plaster) installation

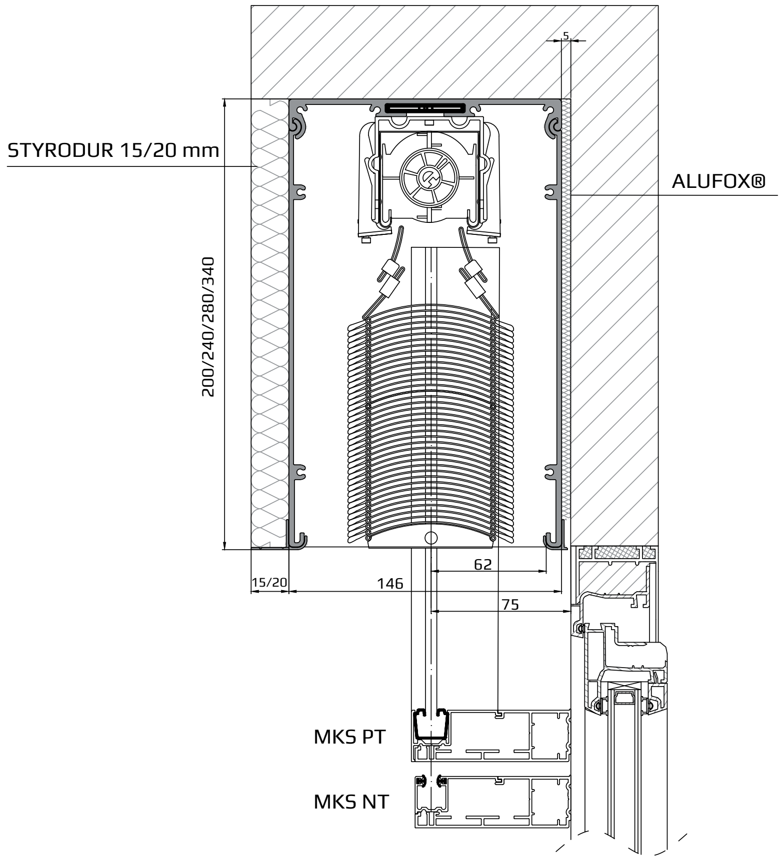
- reliable and strong plaster carrier - STYRODUR 15 or 20 mm - front of the box
- ALUFOX® - 5 mm isolation - back of the box
- only 171 mm space for fully isolated box

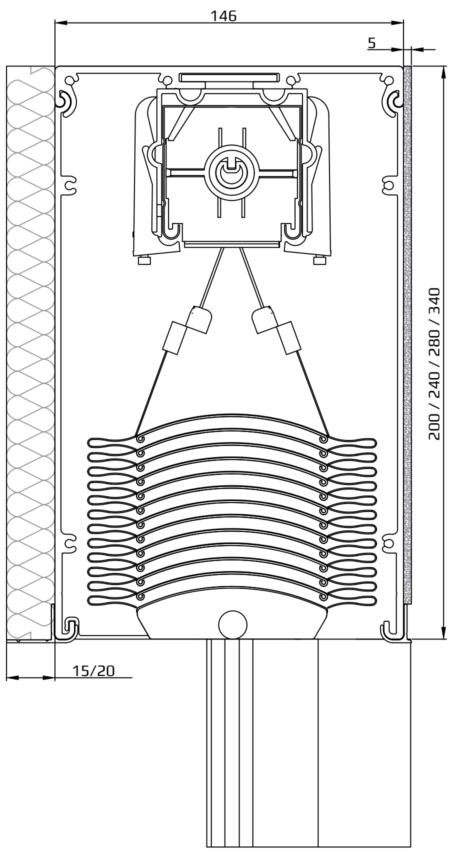
Adaptive installation

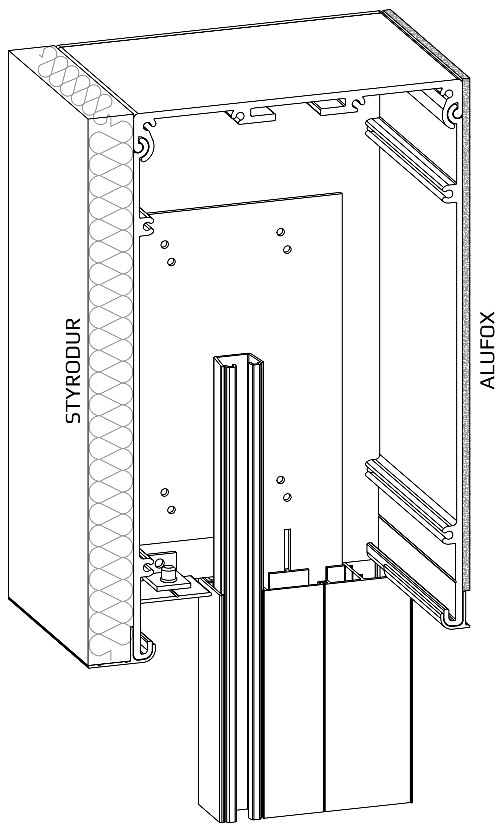
- the selection of different box sizes for space optimization
- guide channels with no openings after installation
- opening front wall for better installation and service
- only 146 mm space for the adaptive box



MKS 2.0 PT with ALUFOX®

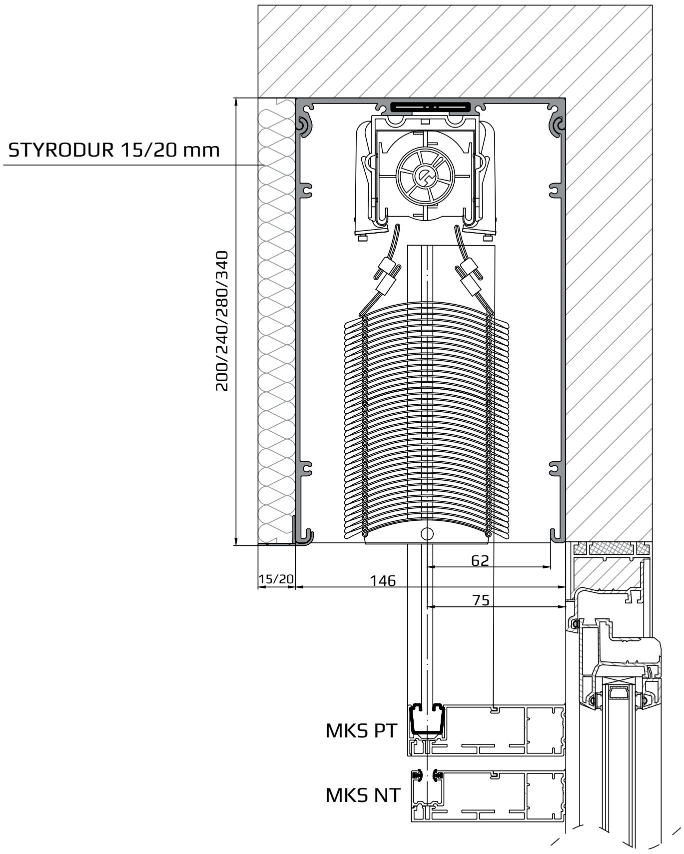


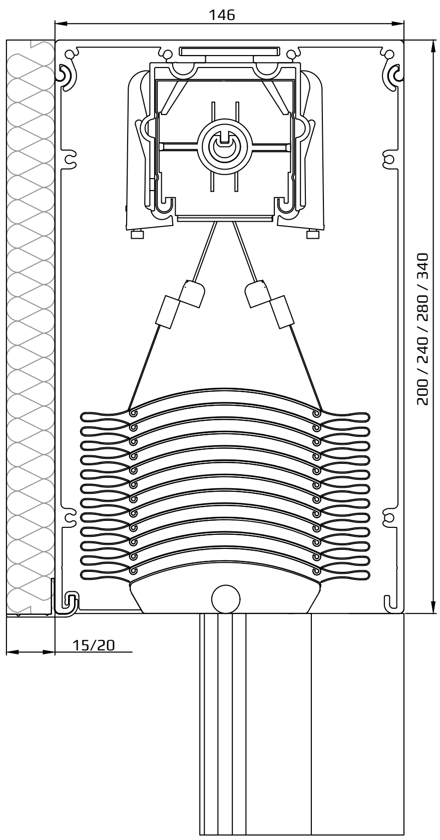


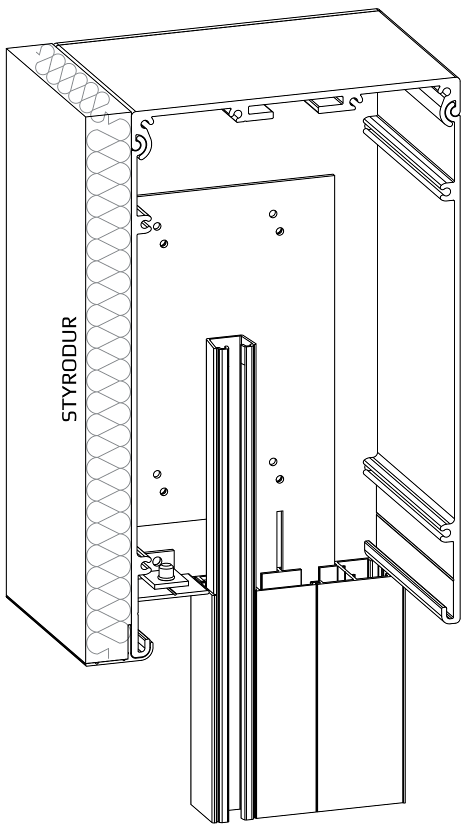


EXTERIOR VENETIAN BLINDS SYSTEM MKS 2.0 (extruded box)

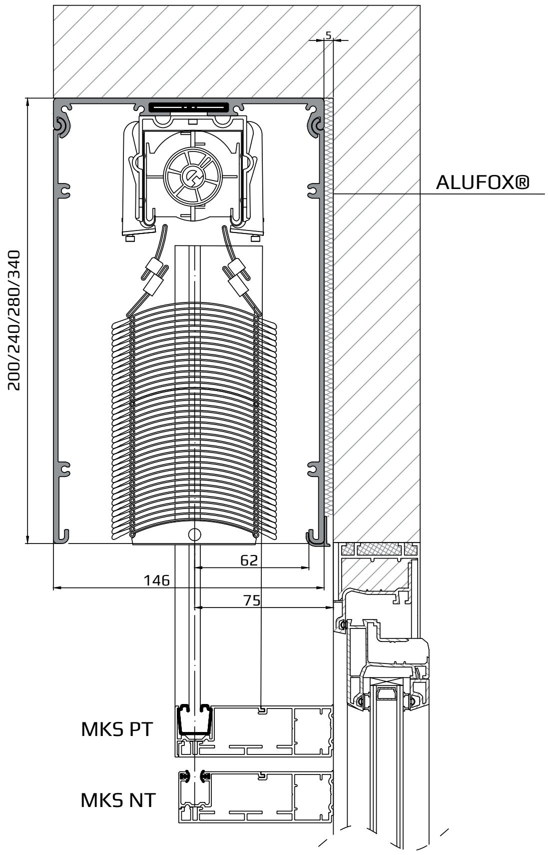
MKS 2.0 PT

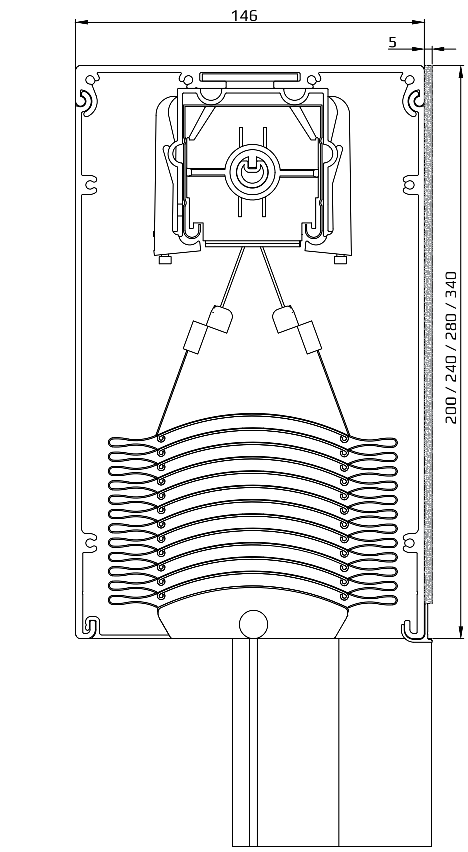


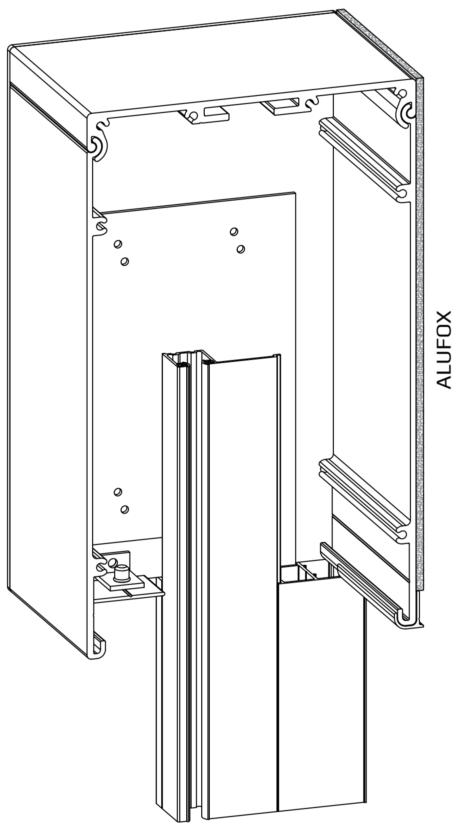




MKS 2.0 ADAPT with ALUFOX®

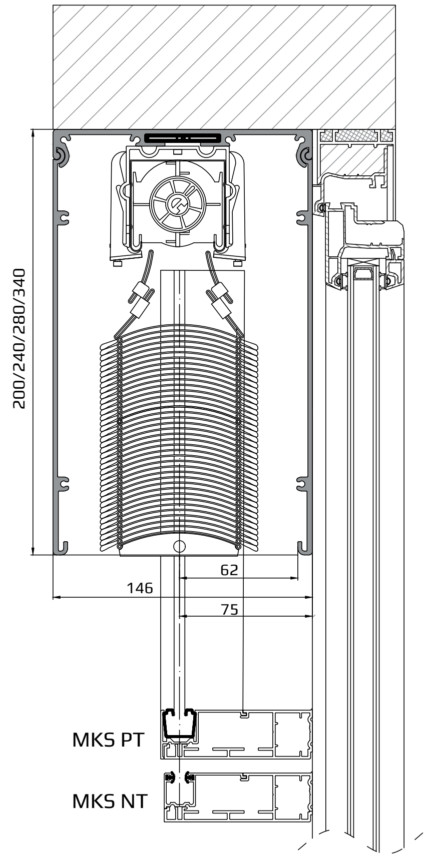


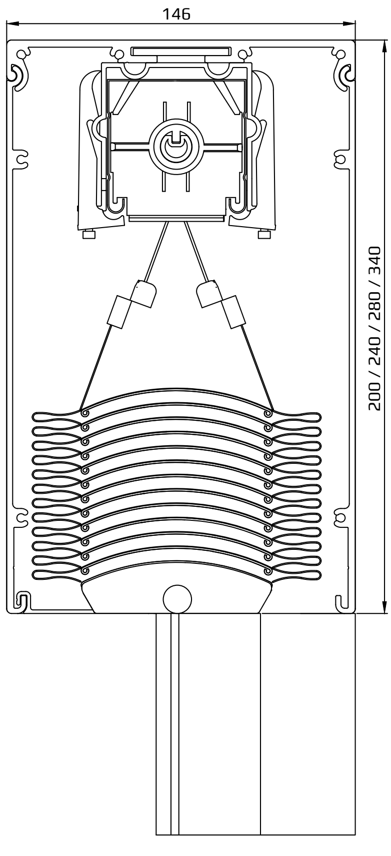


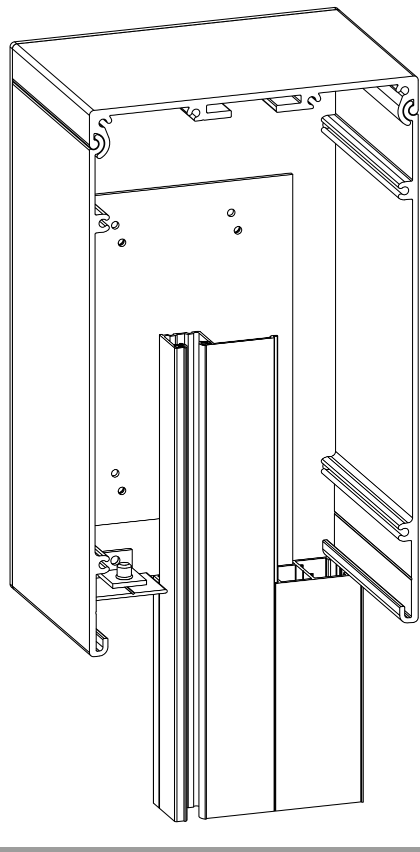


EXTERIOR VENETIAN BLINDS SYSTEM MKS 2.0 (extruded box)

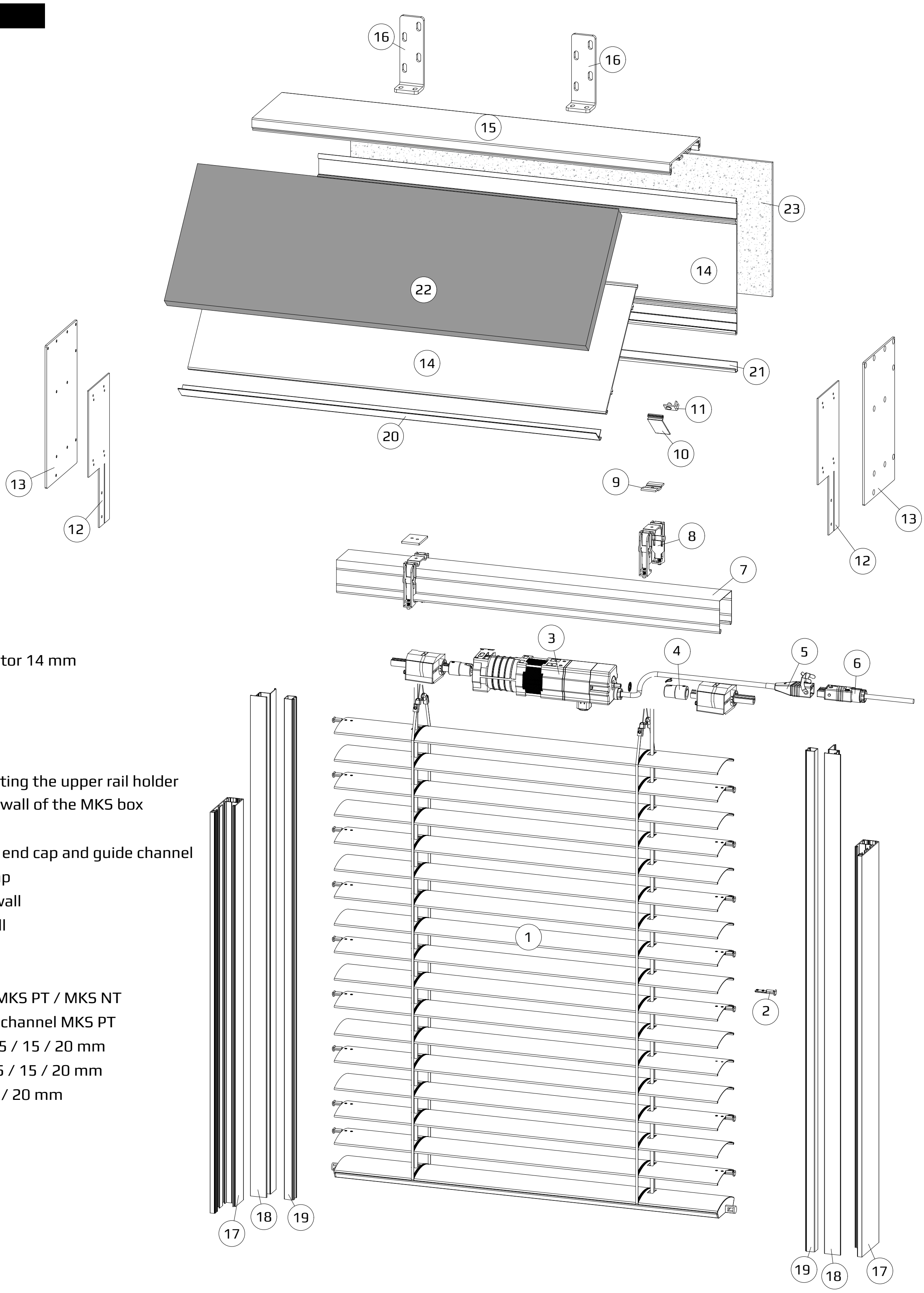
MKS 2.0 ADAPT







MKS 2.0 PT



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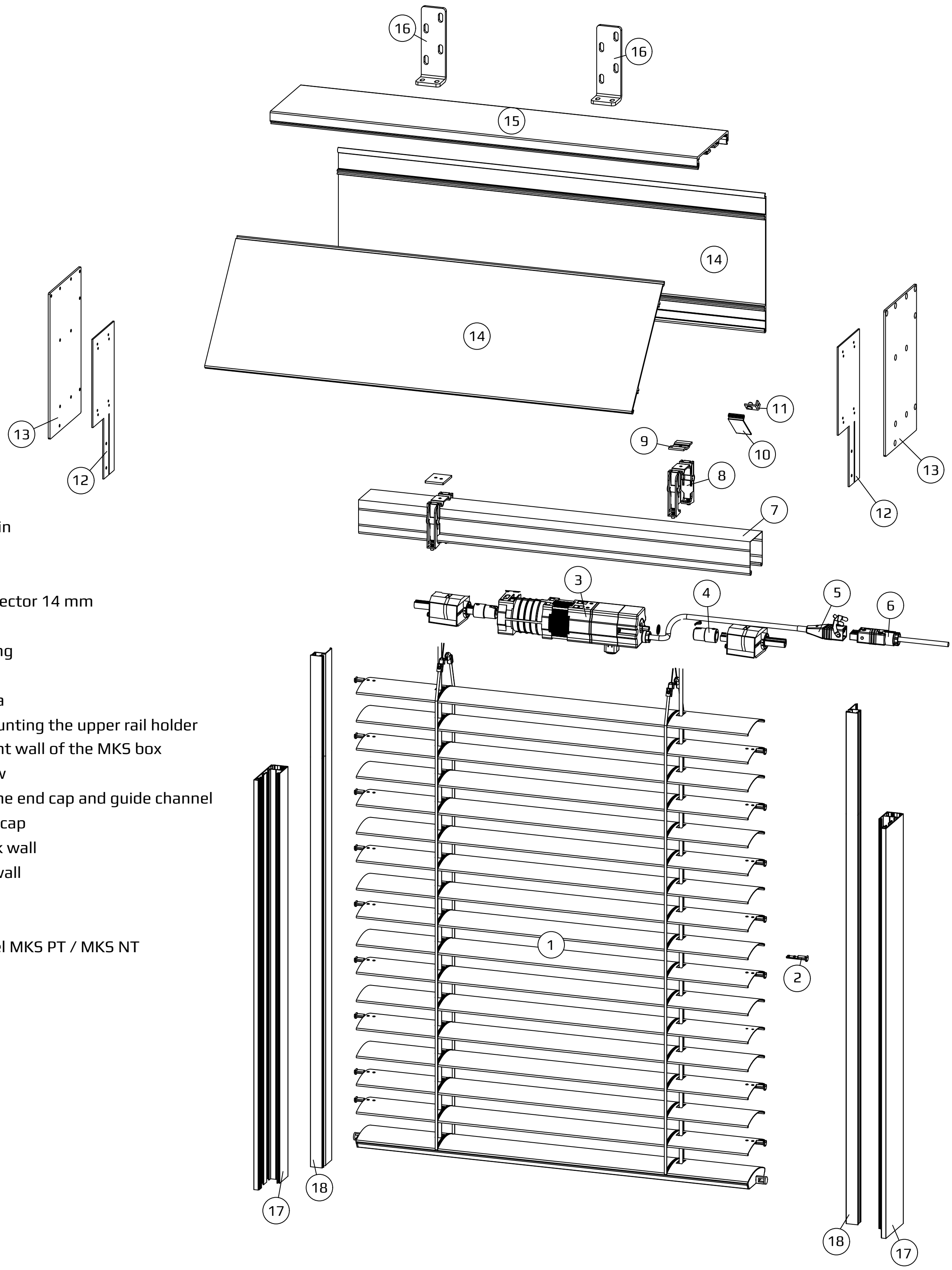
2 - Guiding pin
3 - Motor
4 - Motor - til rod connector 14 mm
5 - Hirschamnn plug
6 - Hirschmann coupling
7 - Head rail 58x56
8 - Head rail bracket 1a
9 - The washer for mounting the upper rail holder
10 - Bracket of the front wall of the MKS box
11 - Bracket with screw
12 - "Ax" connecting the end cap and guide channel
13 - MKS EXTRUD end cap
14 - MKS EXTRUD back wall
15 - MKS EXTRUD up wall
16 - Auxiliary bracket
17 - MKS adapter
18 - MKS guide channel MKS PT / MKS NT
19 - PCV insert for guide channel MKS PT
20 - Plaster holder front 5 / 15 / 20 mm
21 - Plaster holder back 5 / 15 / 20 mm
22 - STYRODUR table 15 / 20 mm
23 - ALUFOX® foil 5 mm

EXTERIOR VENETIAN BLINDS SYSTEM MKS 2.0 (extruded box)

MKS 2.0 ADAPT



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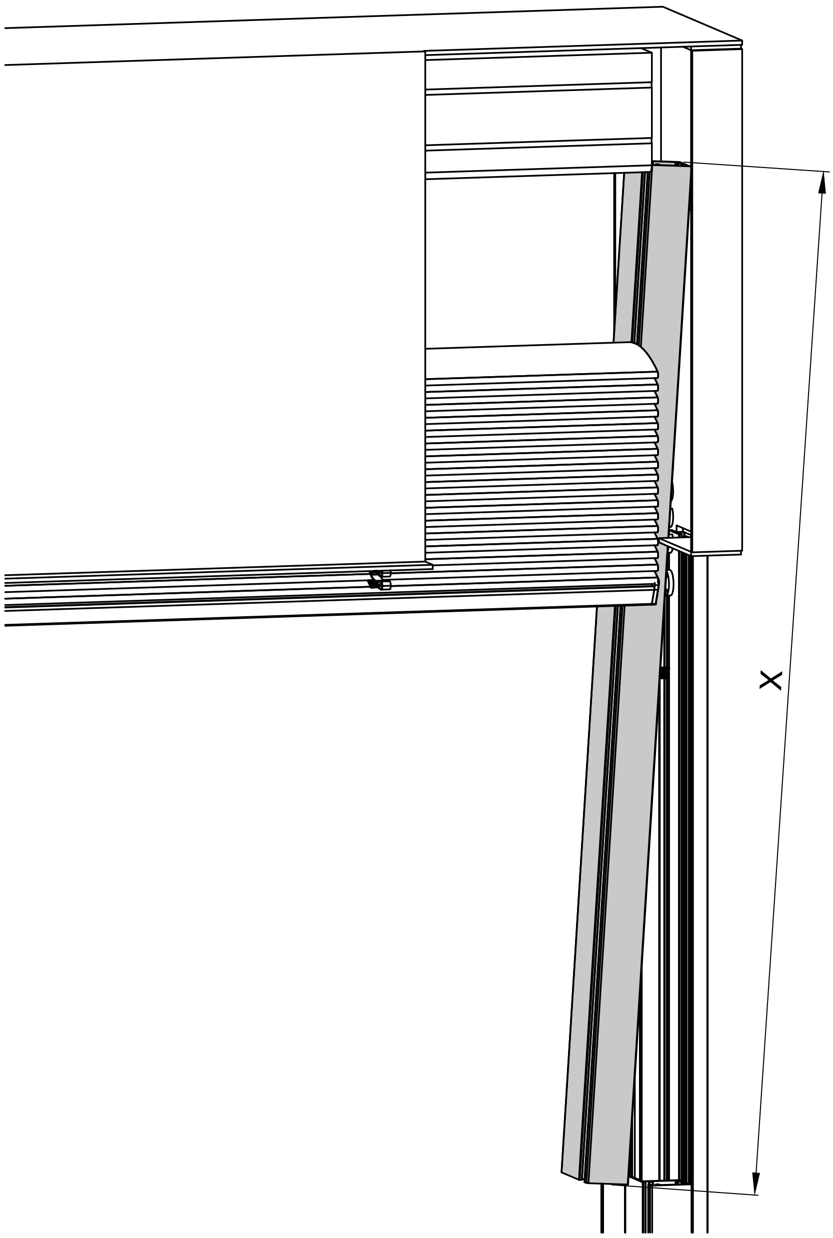
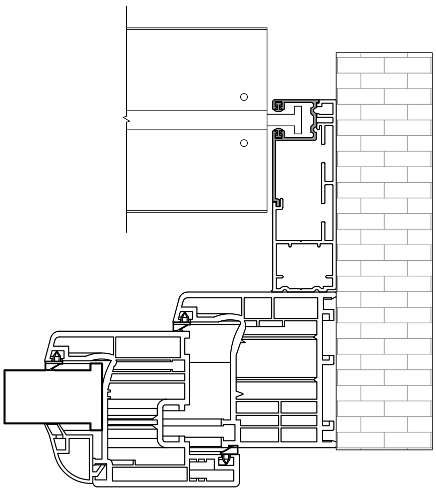




MKS NT GUIDE CHANNEL

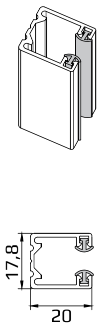
Box size - height (mm)	Size X
200	400 mm
240	400 mm
280	500 mm
340	500 mm

Heights of blind packages in MKS boxes (mm)

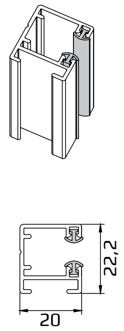
MKS box dimension	C-80	C-80F	C-60F	Z-90
200	1000	1980	1640	1450
240	1700	3430	2640	2250
280	2400	4700	3500	3000
340	3400		5100	4000

GUIDE CHANNELS

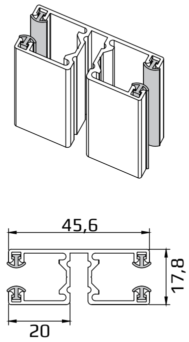
TYPE 1



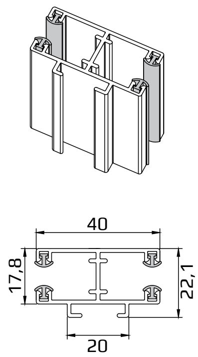
TYPE 2



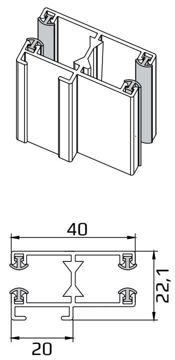
TYPE 3



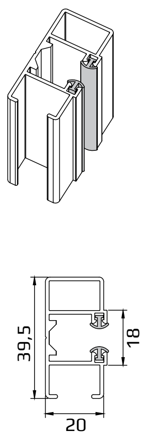
TYPE 4



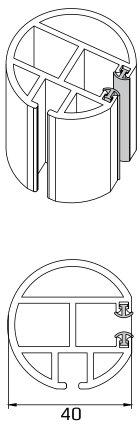
TYPE 4B



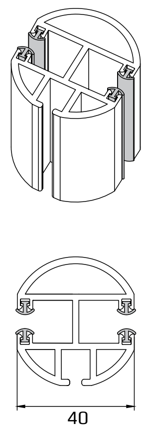
TYPE 5 - SST



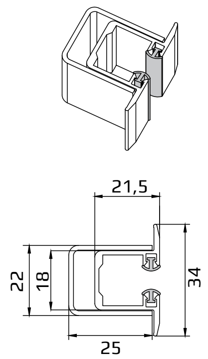
TYPE 6 - OV



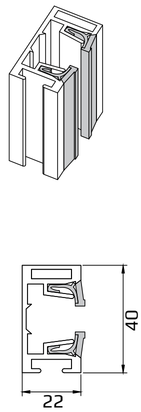
TYPE 7 - OV



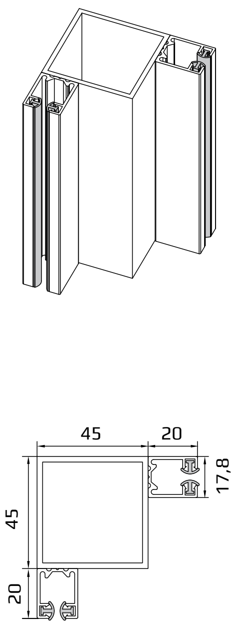
TYPE 8 -PT



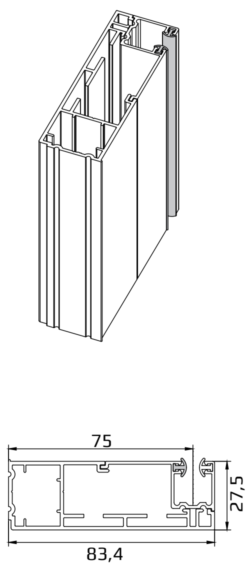
TYPE 9 - SSHD



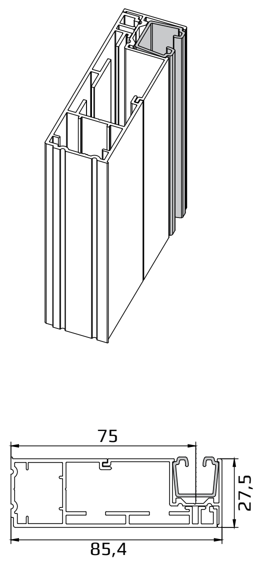
TYPE 10 - SC45



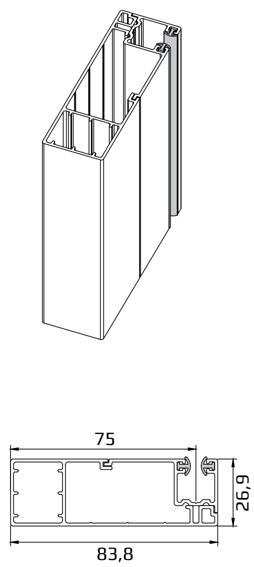
TYPE11 MKS NT



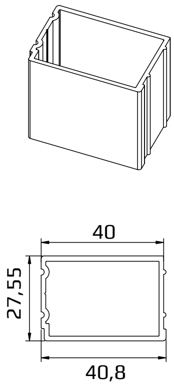
TYPE12 MKS PT



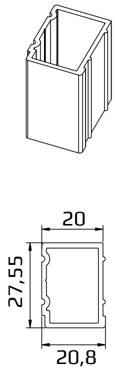
TYPE13 SKEF



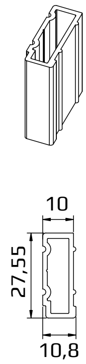
TYPE DS40



TYPE DS20

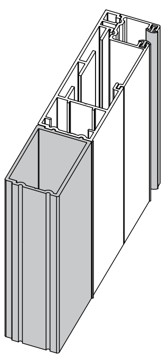


TYPE DS10

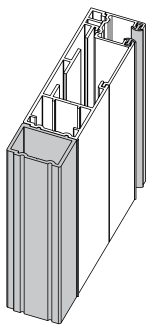


EXAMPLE USE OF MKS GUIDE CHANNELS AND DISTANCES TYPE DS.

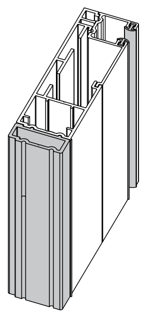
MKS+DS40



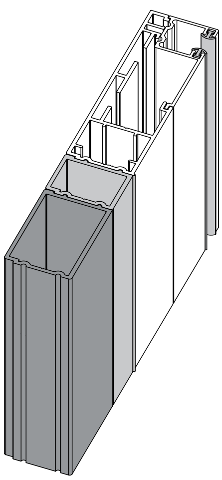
MKS+DS20



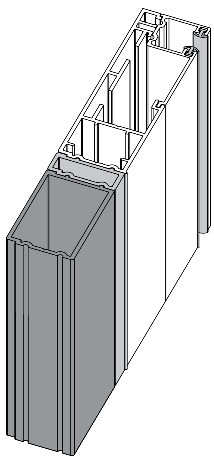
MKS+DS10



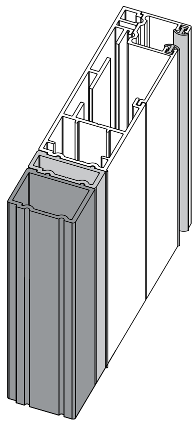
MKS+DS40+DS20



MKS+DS40+DS10



MKS+DS20+DS10

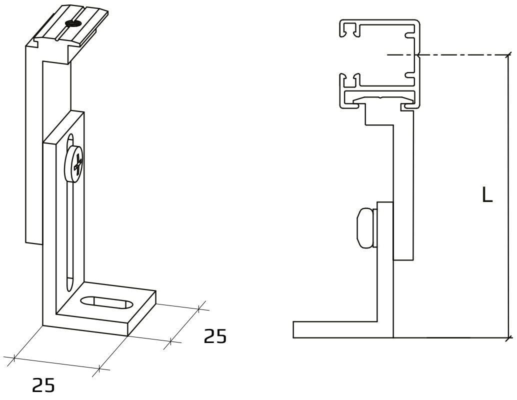


BLIND SYSTEMS

GUIDE CHANNEL BRACKETS

TYPE N

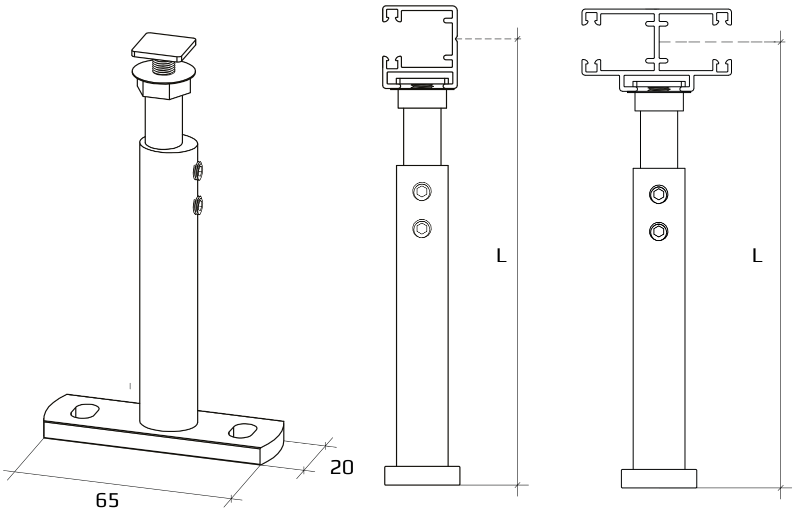
STANDARD



FITS GUIDE CHANNELS:
TYPE 2, TYPE 4, TYPE 4B

bracket type	L size
A-N	55 - 70 mm
B-N	70 - 100 mm
C-N	100 - 155 mm

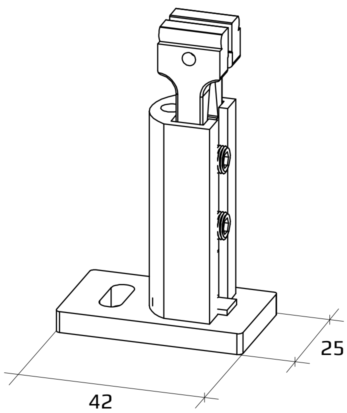
TYPE TL

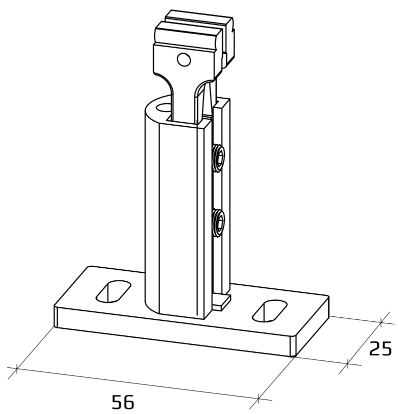


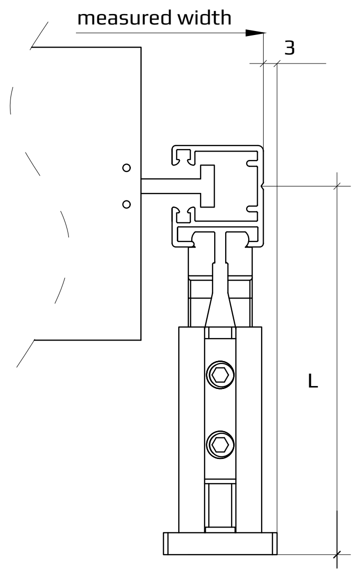
FITS GUIDE CHANNELS:
TYPE 2, TYPE 4, TYPE 4B, SST

bracket type	L size
A-TL	50 - 70 mm
B-TL	70 - 105 mm
C-TL	105 - 170 mm
D-TL	170 - 300 mm

TKK







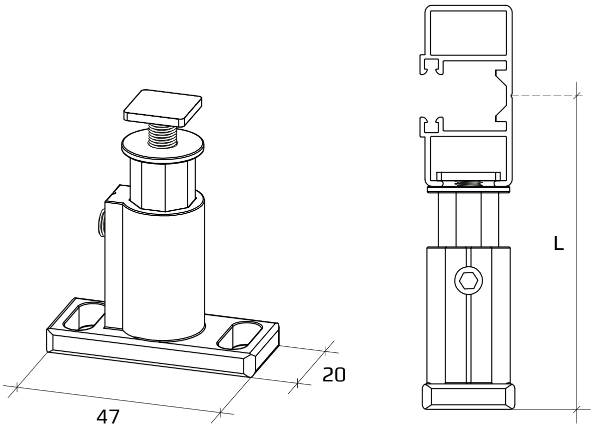
FITS GUIDE CHANNELS:
TYPE 2, TYPE 4, TYPE 4B, SST

bracket type	L size
A-TKK	50 - 60 mm
B-TKK	60 - 70 mm
C-TKK	70 - 100 mm
D-TKK	95 - 125 mm
E-TKK	120 - 150 mm

FITS GUIDE CHANNELS:
TYPE 2, TYPE 4, TYPE 4B, SST

bracket type	L size
F-TKK	145 - 175 mm
G-TKK	170 - 200 mm
H-TKK	195 - 225 mm

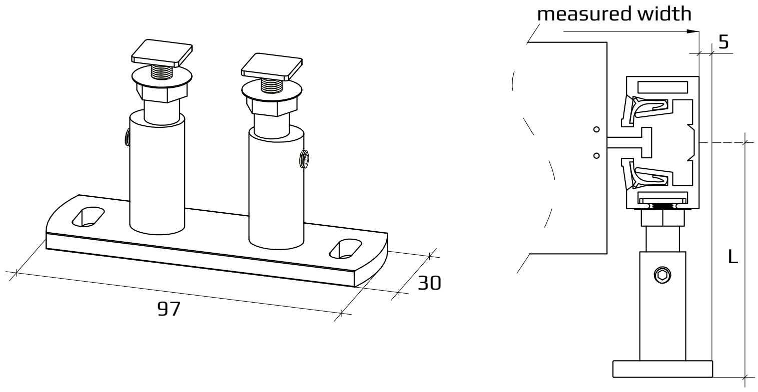
TYPE SST



FITS GUIDE CHANNELS:
TYPE 5 SST, TYPE 2, TYPE 4, TYPE 4B

bracket type	L size
A-SST	57 - 82mm
B-SST	82 - 130mm

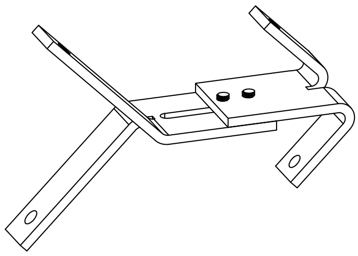
TYPE SSHD

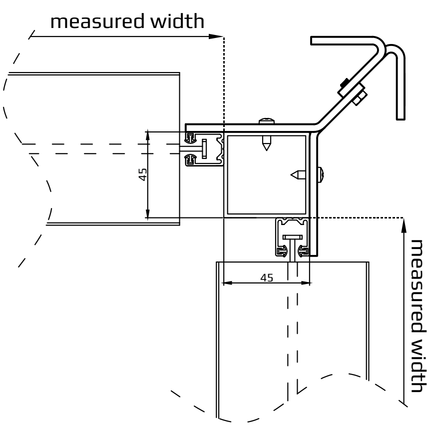


FITS GUIDE CHANNELS:
TYPE 9 SSHD

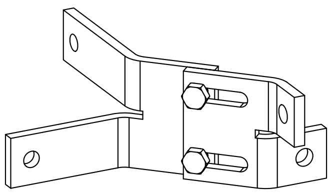
bracket type	L size
A-SSHD	65 - 93mm
B-SSHD	93 - 124mm
C-SSHD	124 - 153mm
D-SSHD	153 - 182mm

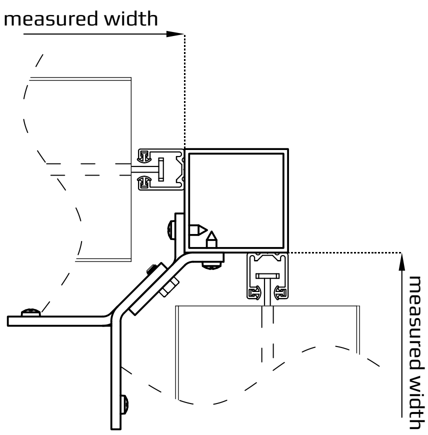
TYPE SC45IN



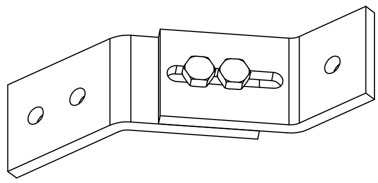


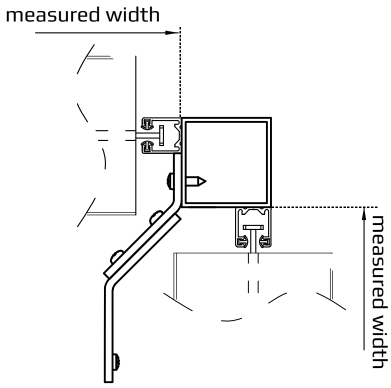
TYP SC45ST





TYP SC45

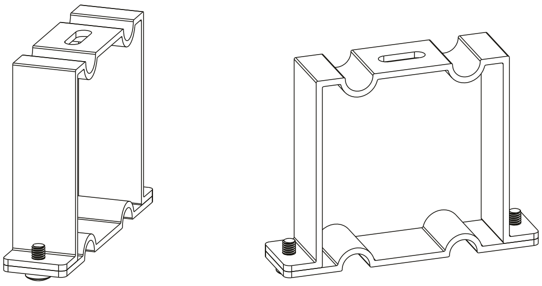




HEAD RAIL BRACKETS

HEAD RAIL BRACKET TYPEE 1

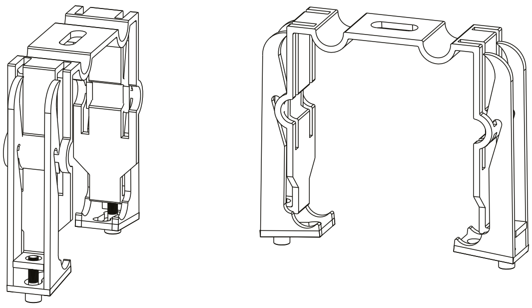
STANDARD



Components

Clamp TYPEE 1

HEAD RAIL BRACKET TYPEE 1a

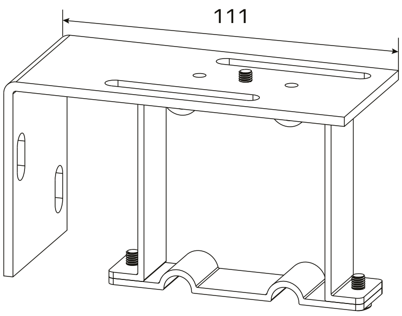


Components

Clamp TYPEE 1a

HEAD RAIL BRACKET TYPEE 2

FOR SIDE INSTALLATION

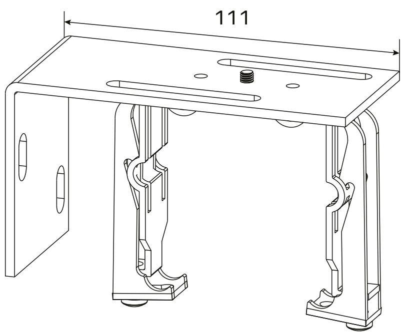


Components

Clamp TYPEE 1
Mounting angle NS

HEAD RAIL BRACKET TYPEE 2a

FOR SIDE INSTALLATION

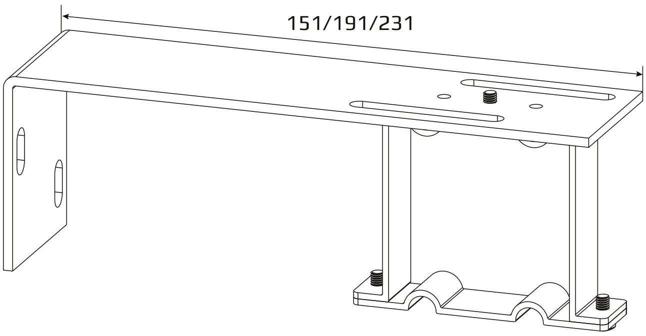


Components

Clamp TYPE 1a
Mounting angle NS

HEAD RAIL BRACKET TYPEE 2P

FOR SIDE INSTALLATION

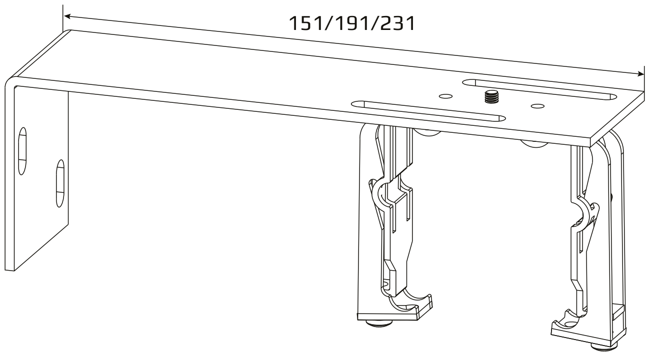


Components

Clamp TYPEE 1
Mounting angle
NS+40 / NS+80 / NS+120

HEAD RAIL BRACKET TYPEE 2aP

FOR SIDE INSTALLATION

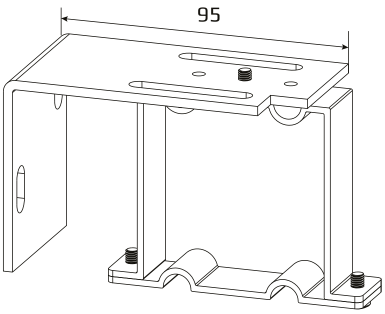


Components

Clamp TYPEE 1a
Mounting angle
NS+40 / NS+80 / NS+120

HEAD RAIL BRACKET TYPEE 2/NS45

FOR SIDE INSTALLATION

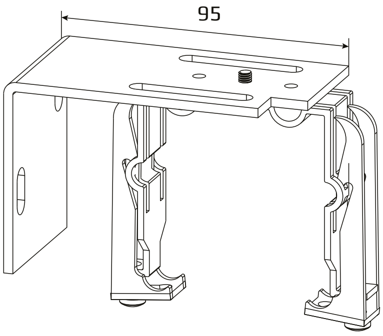


Components

Clamp TYPEE 1
Mounting angle NS45

HEAD RAIL BRACKET TYPEE 2a/NS45

FOR SIDE INSTALLATION

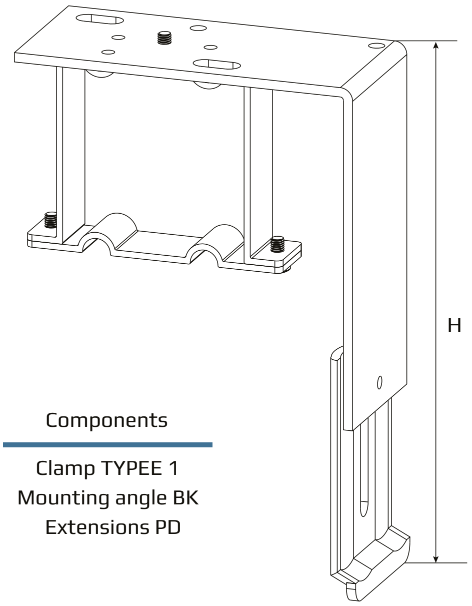


Components

Clamp TYPEE 1a
Mounting angle NS45

HEAD RAIL BRACKET TYPEE 3

FOR UPPER INSTALLATION WITH COVER PLATE

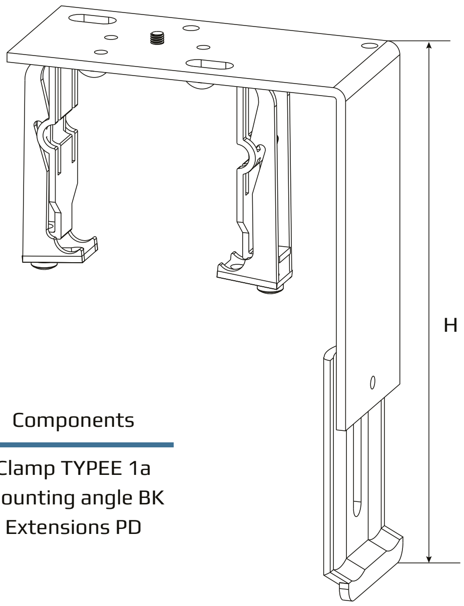


Components

Clamp TYPEE 1
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 3a

FOR UPPER INSTALLATION WITH COVER PLATE

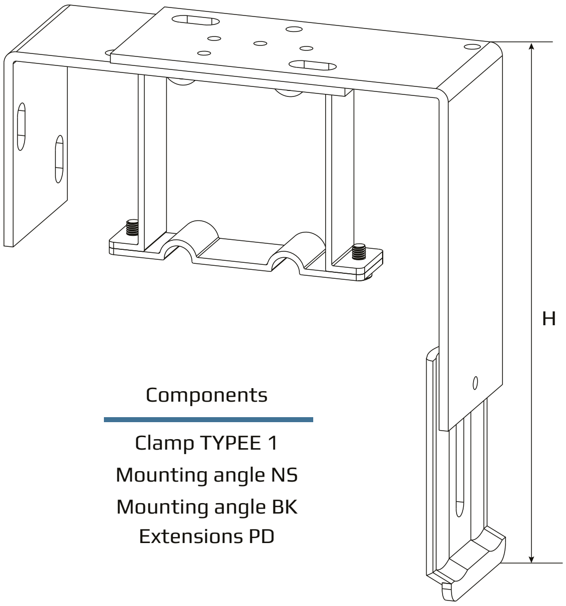


Components

Clamp TYPEE 1a
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 4

FOR UPPER INSTALLATION WITH COVER PLATE

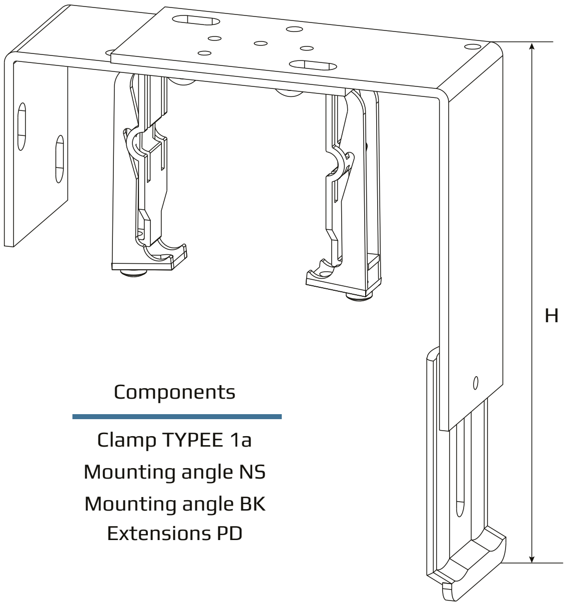


Components

Clamp TYPEE 1
Mounting angle NS
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 4a

FOR UPPER INSTALLATION WITH COVER PLATE

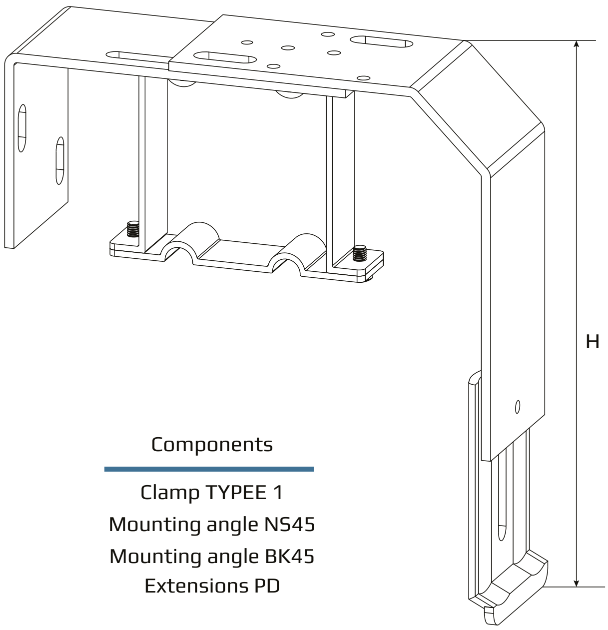


Components

Clamp TYPEE 1a
Mounting angle NS
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 5

FOR UPPER INSTALLATION WITH COVER PLATE

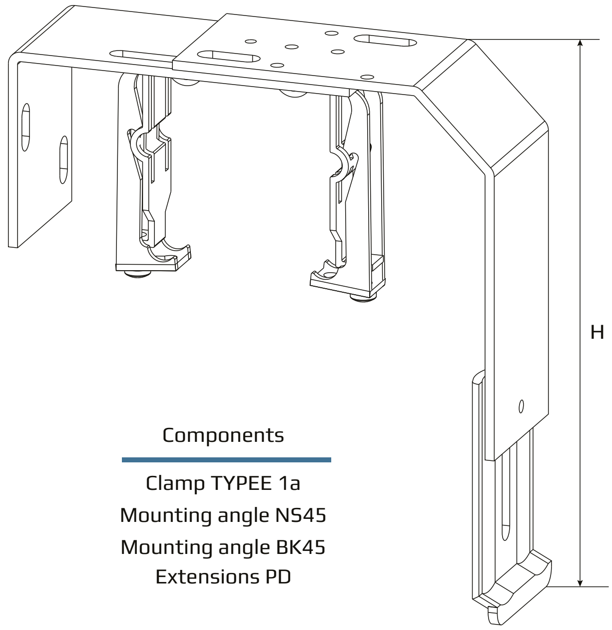


Components

Clamp TYPEE 1
Mounting angle NS45
Mounting angle BK45
Extensions PD

HEAD RAIL BRACKET TYPEE 5a

FOR UPPER INSTALLATION WITH COVER PLATE

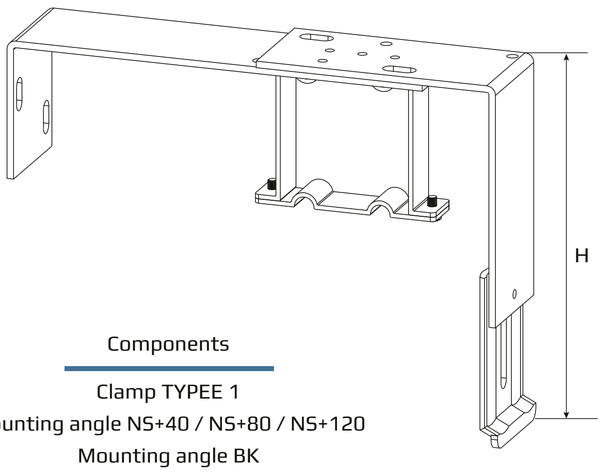


Components

Clamp TYPEE 1a
Mounting angle NS45
Mounting angle BK45
Extensions PD

HEAD RAIL BRACKET TYPEE 4P

FOR UPPER INSTALLATION WITH COVER PLATE

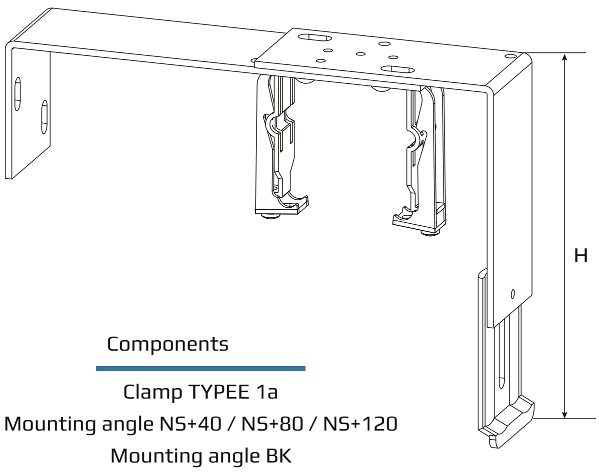


Components

Clamp TYPEE 1
Mounting angle NS+40 / NS+80 / NS+120
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 4aP

FOR UPPER INSTALLATION WITH COVER PLATE

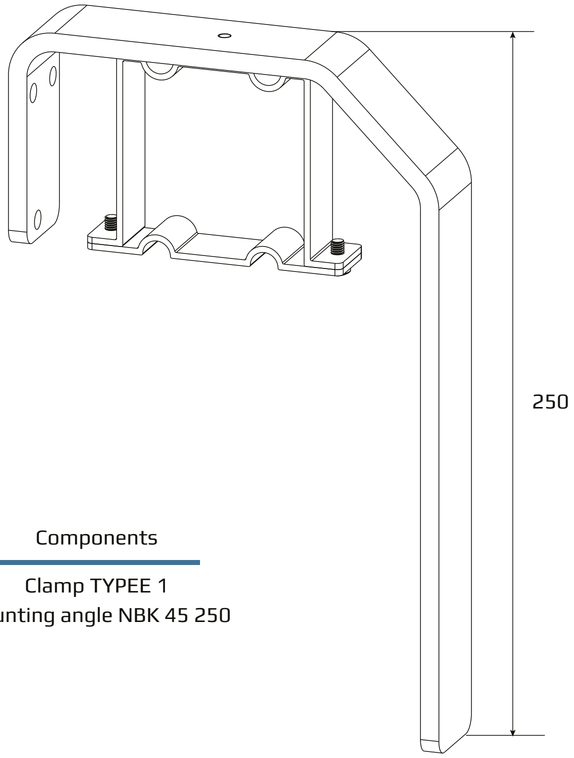


Components

Clamp TYPEE 1a
Mounting angle NS+40 / NS+80 / NS+120
Mounting angle BK
Extensions PD

HEAD RAIL BRACKET TYPEE 6

FOR SIDE INSTALLATION

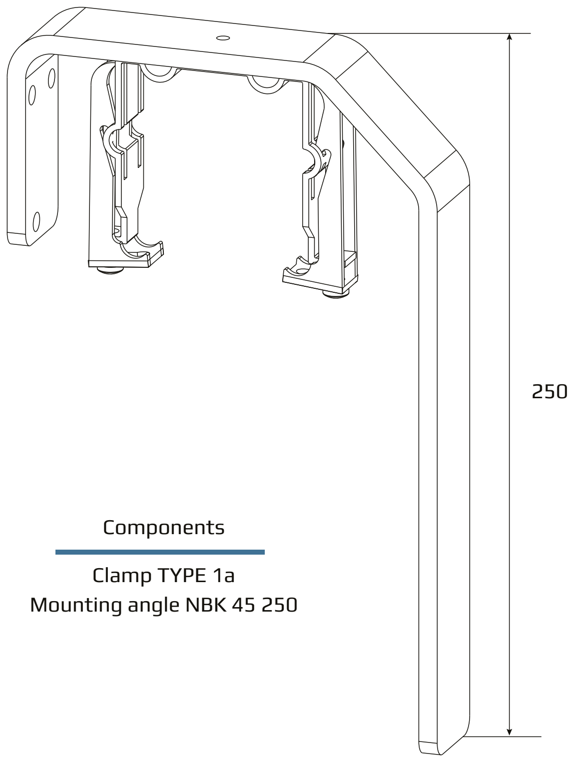


Components

Clamp TYPEE 1
Mounting angle NBK 45 250

HEAD RAIL BRACKET TYPE 6a

FOR SIDE INSTALLATION

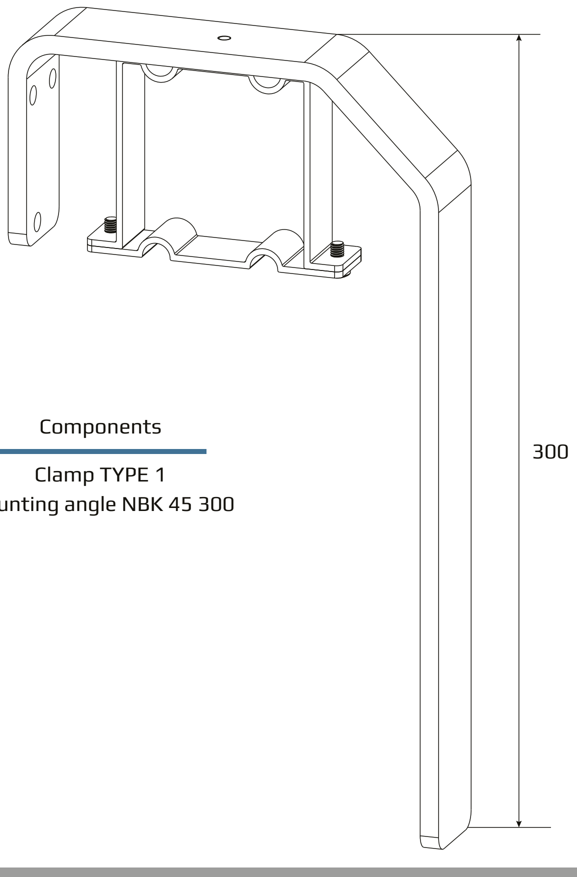


Components

Clamp TYPE 1a
Mounting angle NBK 45 250

HEAD RAIL BRACKET TYPE 7

FOR SIDE INSTALLATION

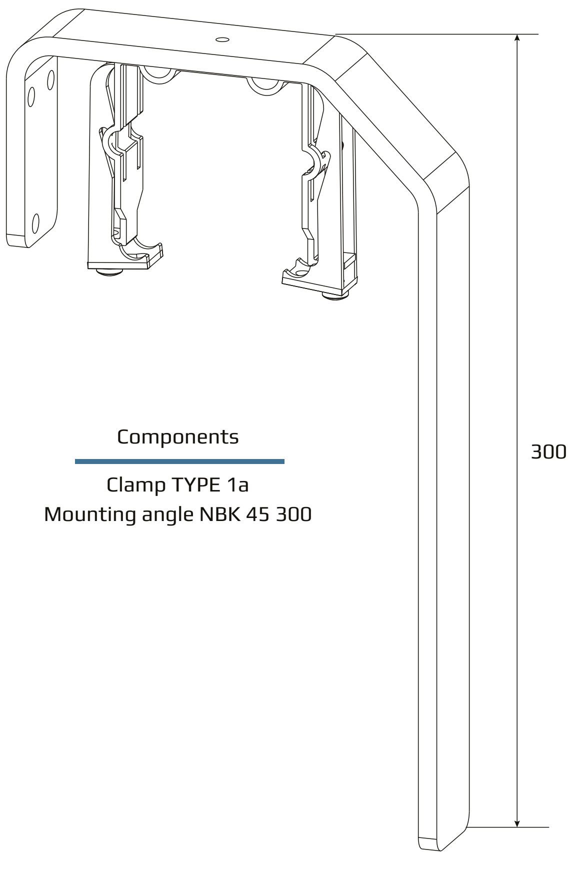


Components

Clamp TYPE 1
Mounting angle NBK 45 300

HEAD RAIL BRACKET TYPE 7a

FOR SIDE INSTALLATION

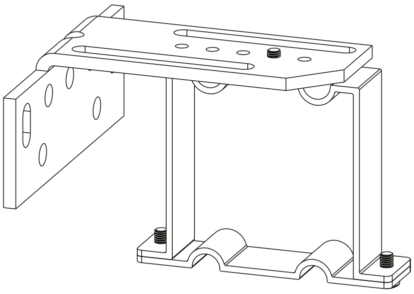


Components

Clamp TYPE 1a
Mounting angle NBK 45 300

HEAD RAIL BRACKET TYPE 8

FOR SIDE INSTALLATION

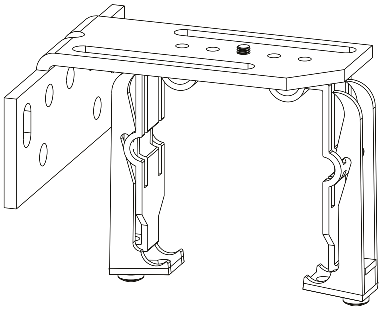


Components

Clamp TYPE 1
Mounting angle NS9

HEAD RAIL BRACKET TYPE 8a

FOR SIDE INSTALLATION

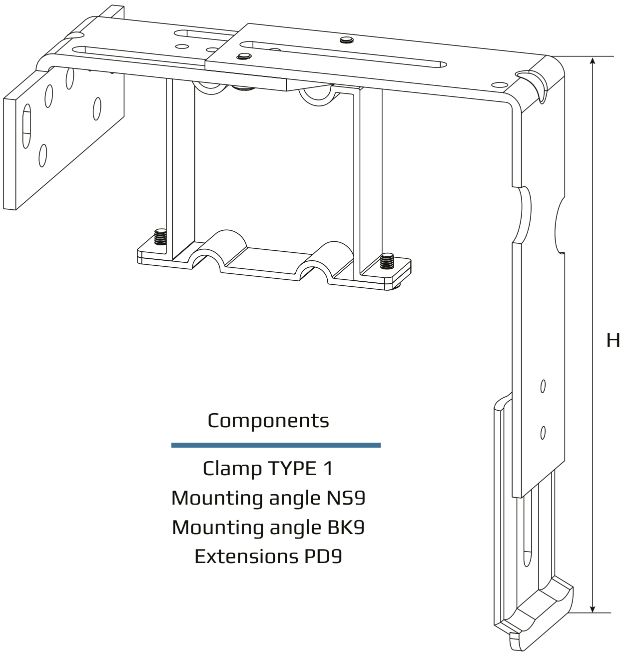


Components

Clamp TYPE 1a
Mounting angle NS9

HEAD RAIL BRACKET TYPE 9

FOR UPPER INSTALLATION WITH COVER PLATE

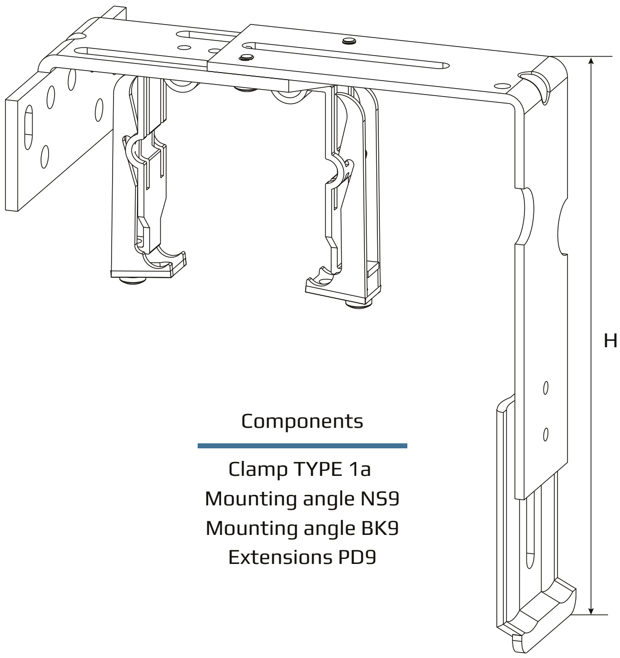


Components

Clamp TYPE 1
Mounting angle NS9
Mounting angle BK9
Extensions PD9

HEAD RAIL BRACKET TYPE 9a

FOR UPPER INSTALLATION WITH COVER PLATE

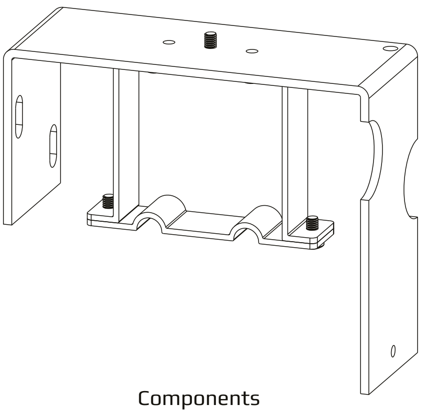


Components

Clamp TYPE 1a
Mounting angle NS9
Mounting angle BK9
Extensions PD9

HEAD RAIL BRACKET TYPE 10

FOR UPPER INSTALLATION WITH COVER PLATE

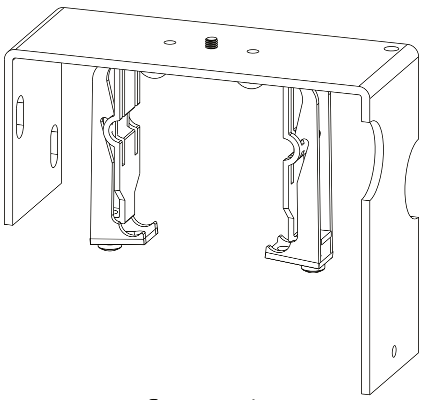


Components

Clamp TYPE 1
Clamp NSBK

HEAD RAIL BRACKET TYPE 10a

FOR UPPER INSTALLATION WITH COVER PLATE

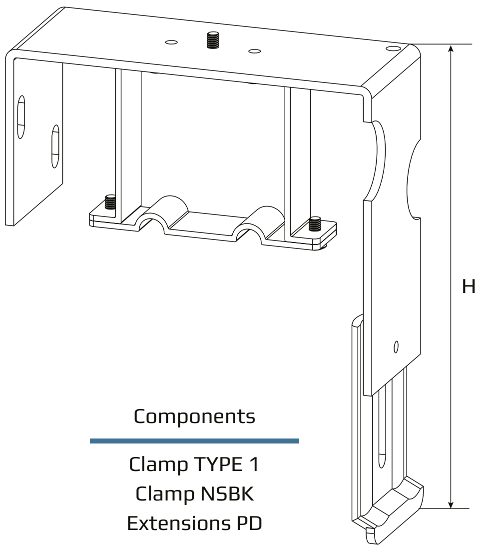


Components

Clamp TYPE 1a
Clamp NSBK

HEAD RAIL BRACKET TYPE 11

FOR UPPER INSTALLATION WITH COVER PLATE

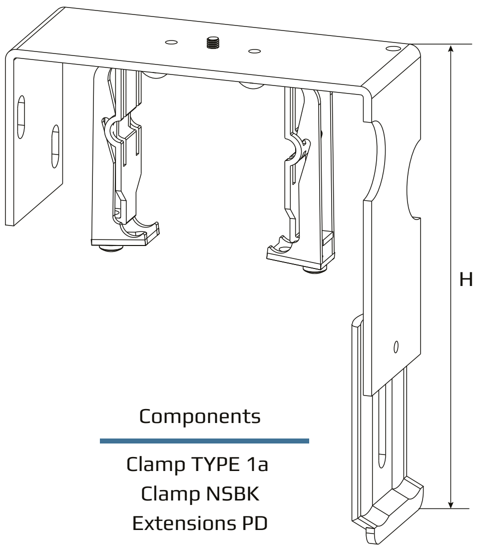


Components

Clamp TYPE 1
Clamp NSBK
Extensions PD

HEAD RAIL BRACKET TYPE 11a

FOR UPPER INSTALLATION WITH COVER PLATE



Components

Clamp TYPE 1a
Clamp NSBK
Extensions PD

Extensions PD

type of extensions	PD - A	PD - B	PD - C	PD - D	PD - E	PD - F	PD - G	PD - H
for cover plates height H (mm)	130 - 180	180 - 230	230 - 280	280 - 330	330 - 380	380 - 430	430 - 480	480 - 530

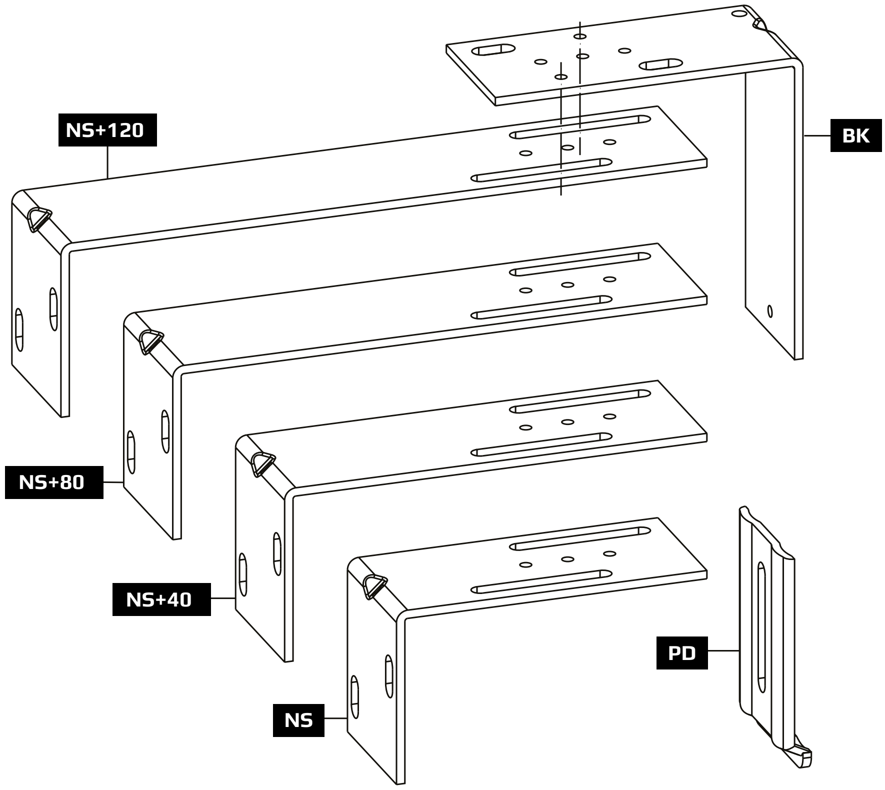
Extensions PD9

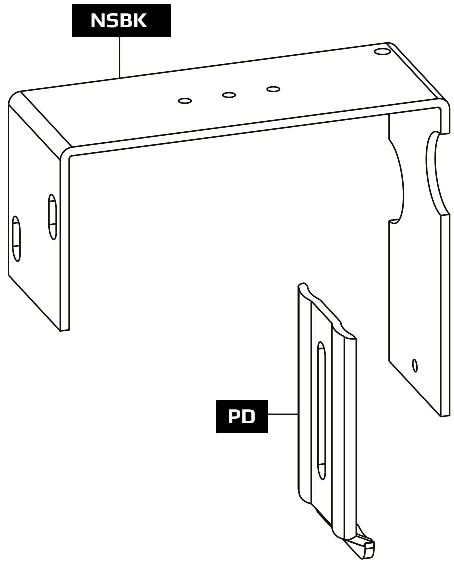
typ przedłużenia	PD9 - A	PD9 - B	PD9 - C	PD9 - D	PD9 - E
for cover plates height H (mm)	130 - 173	174 - 253	254 - 330	331 - 412	413 - 480

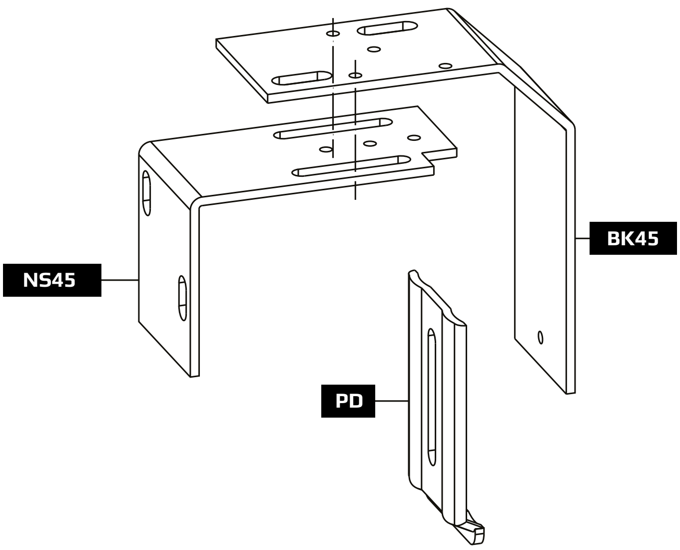
Number of head rail brackets

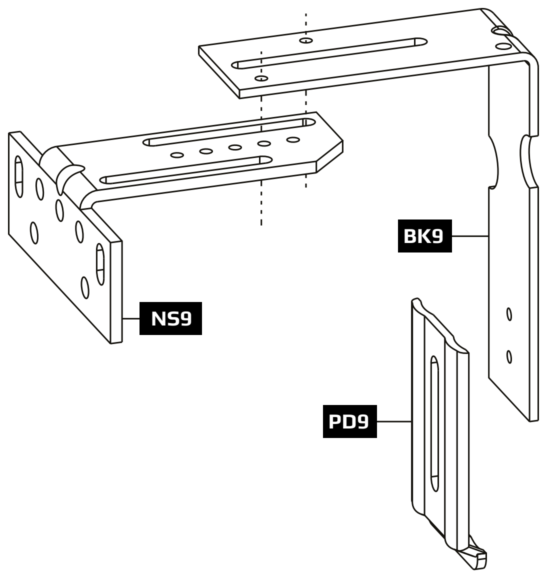
blind width (mm)	pcs
420-1699	2
1700-2699	3
2700-3399	4
3400-4000	5

COMPONENTS



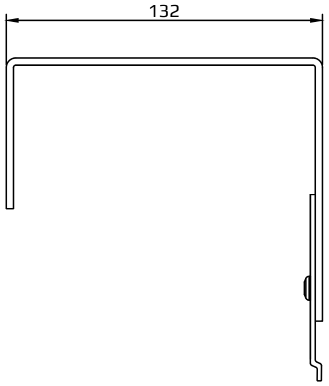




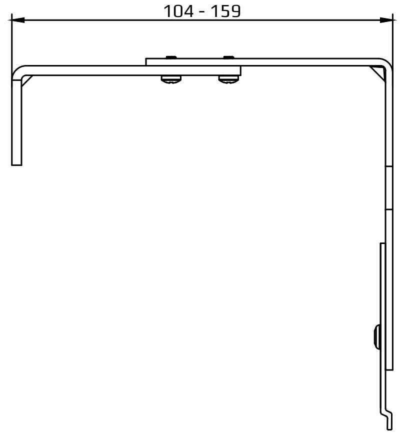


COMPONENTS

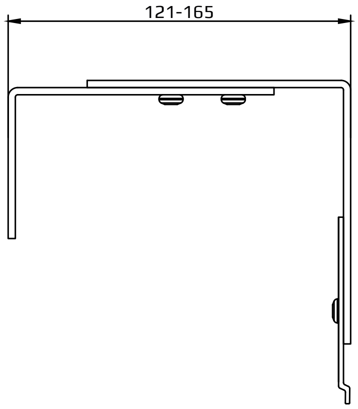
NSBK



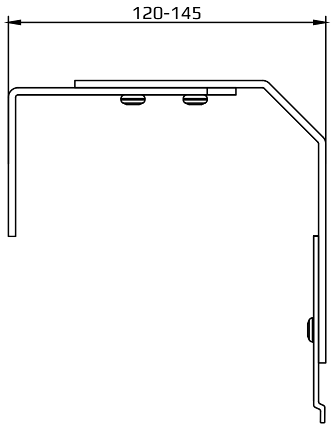
NS9/BK9



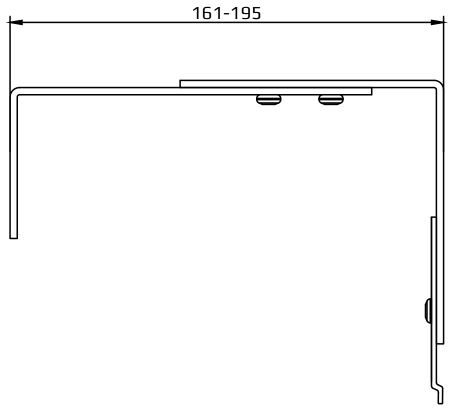
NS-BK



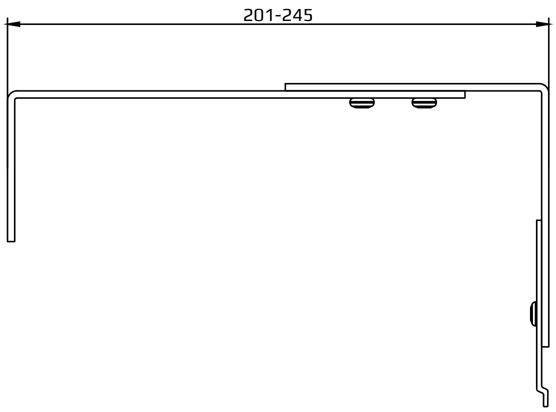
NS45/BK45



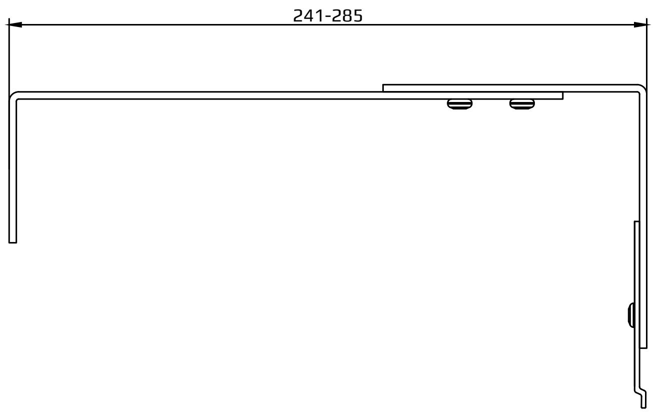
NS+40/BK



NS+80/BK

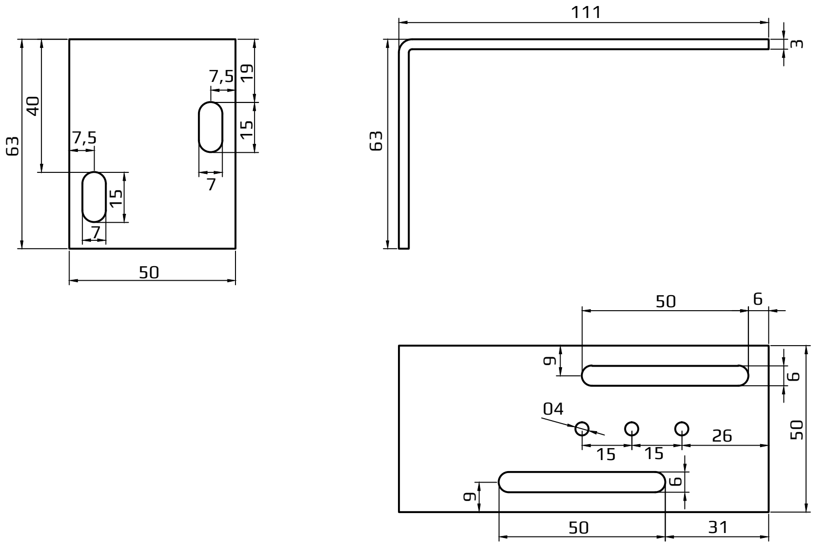


NS+120/BK

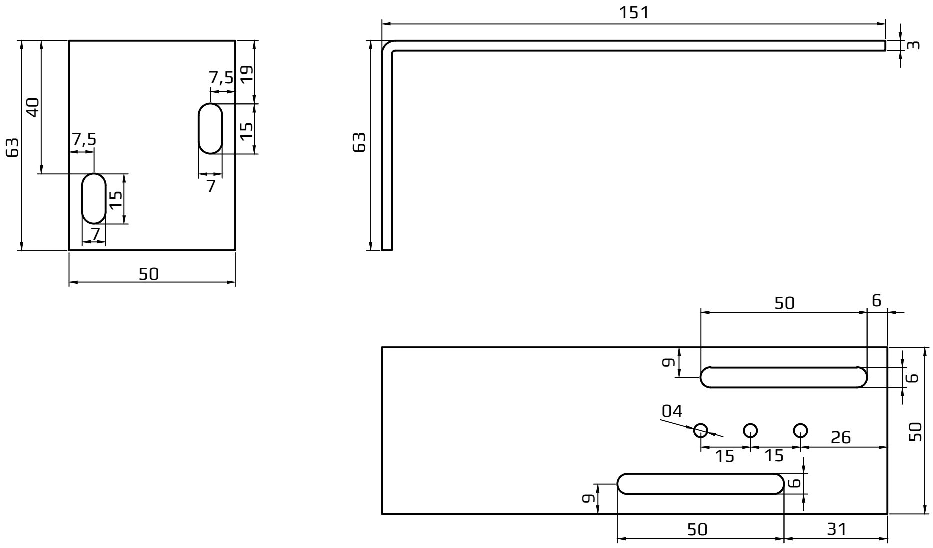


COMPONENTS

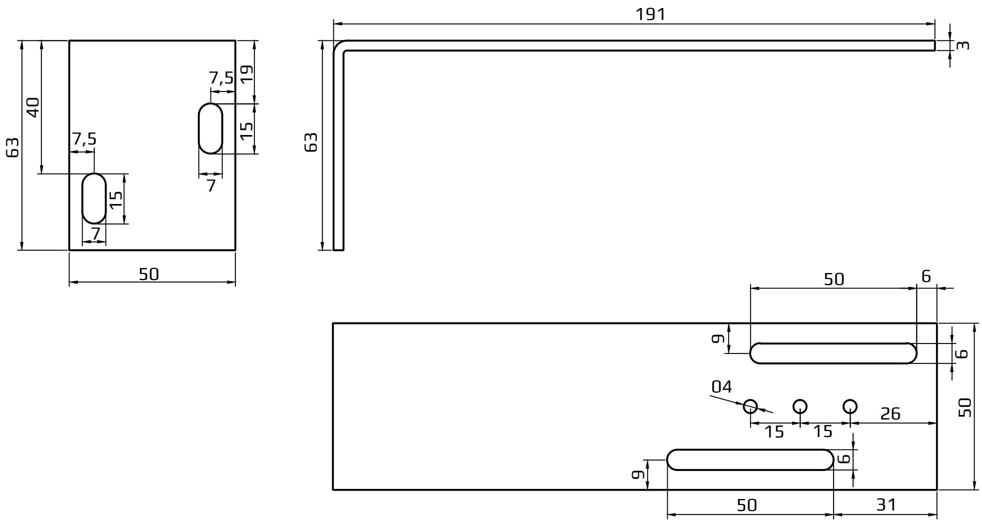
NS



NS+40

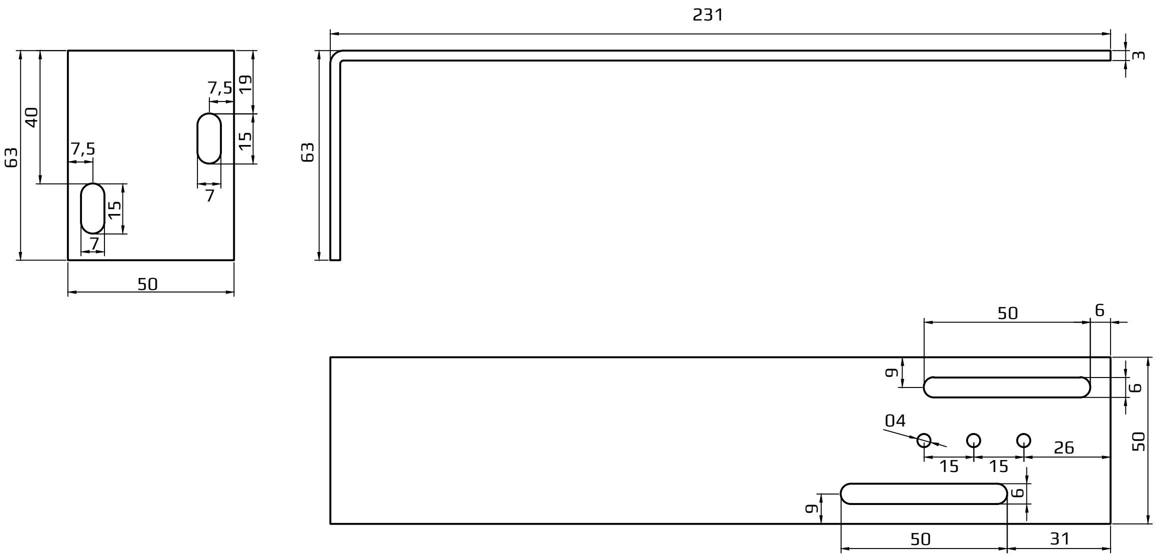


NS+80

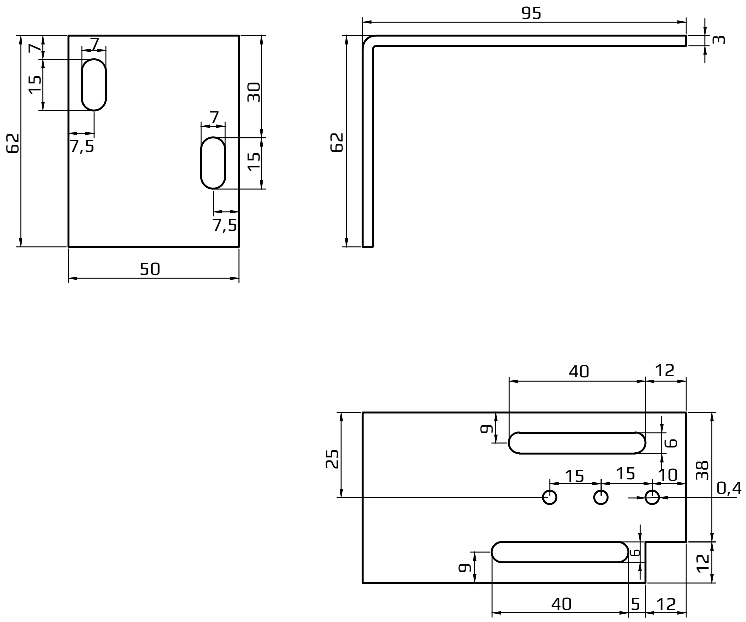


COMPONENTS

NS+120

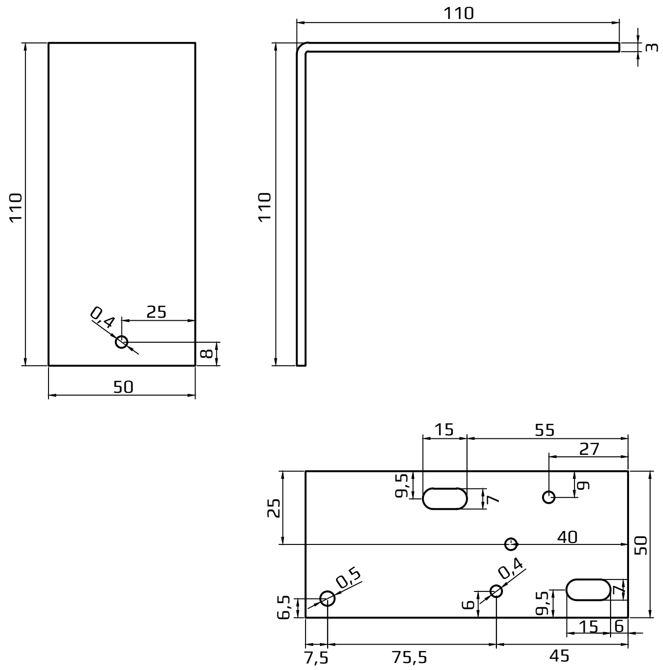


NS45

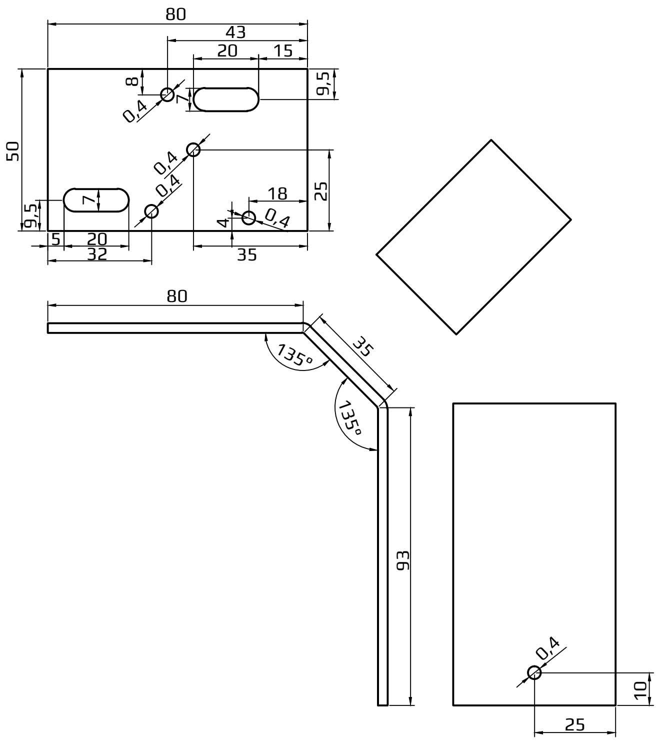


COMPONENTS

BK

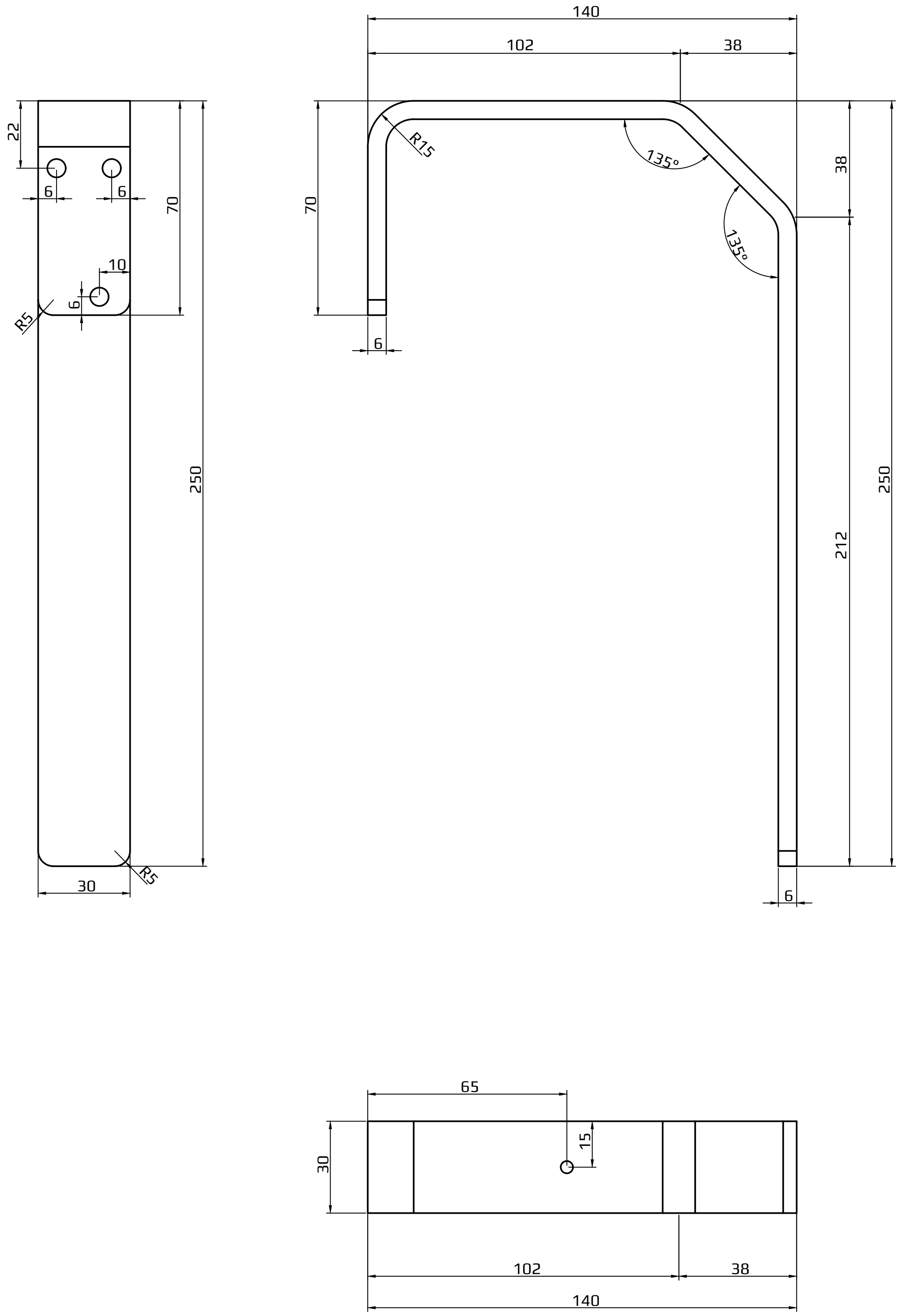


BK45



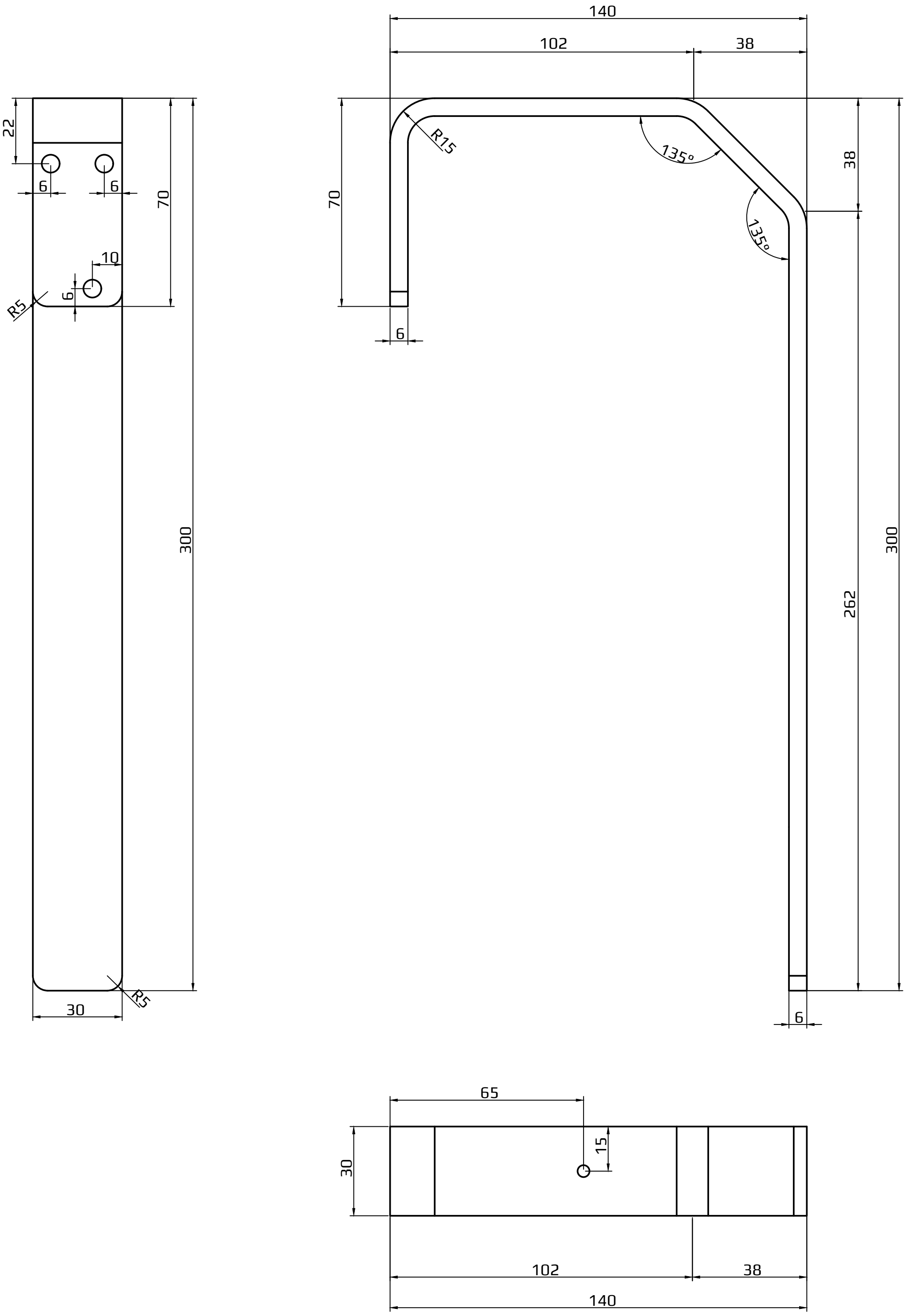
COMPONENTS

TYPE 6 Mounting angle NBK 45 250



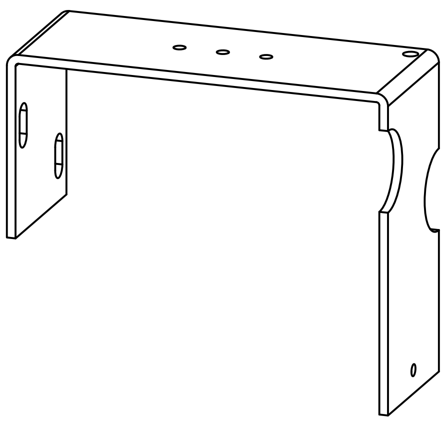
COMPONENTS

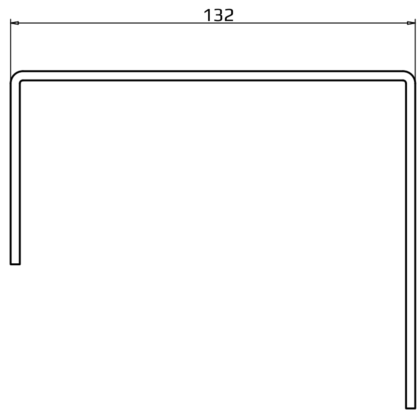
TYPE 7 Mounting angle NBK 45 300

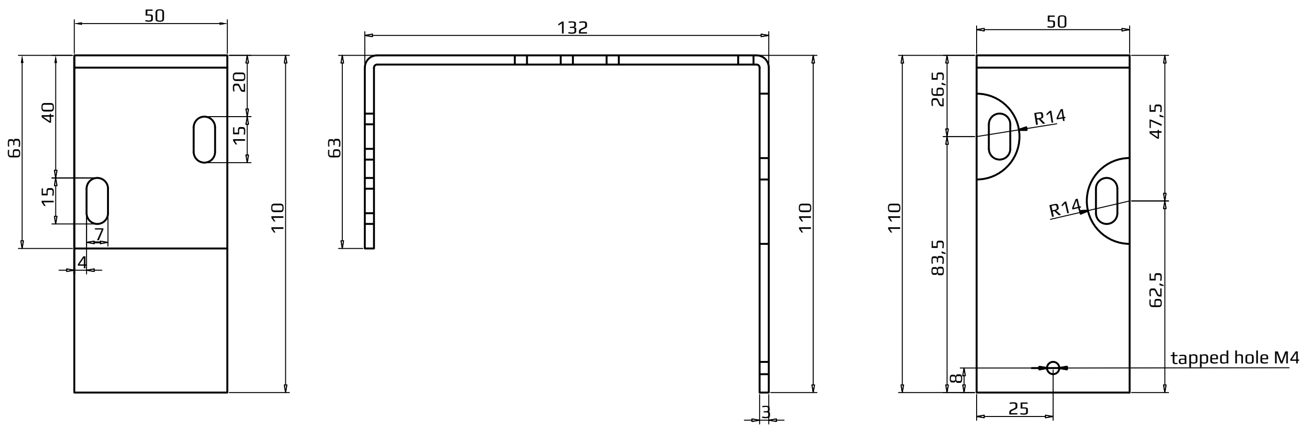


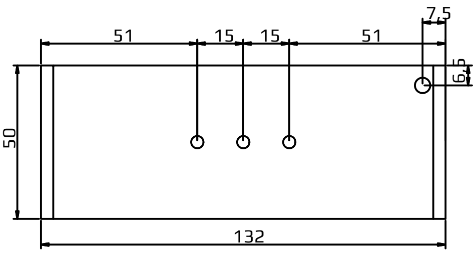
COMPONENTS

NSBK



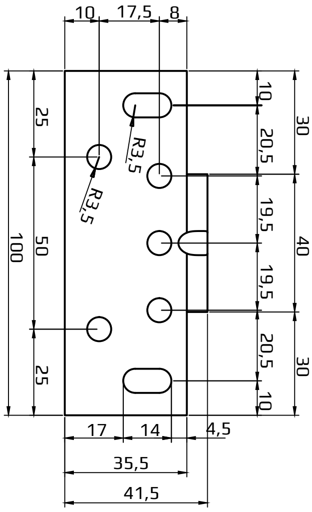


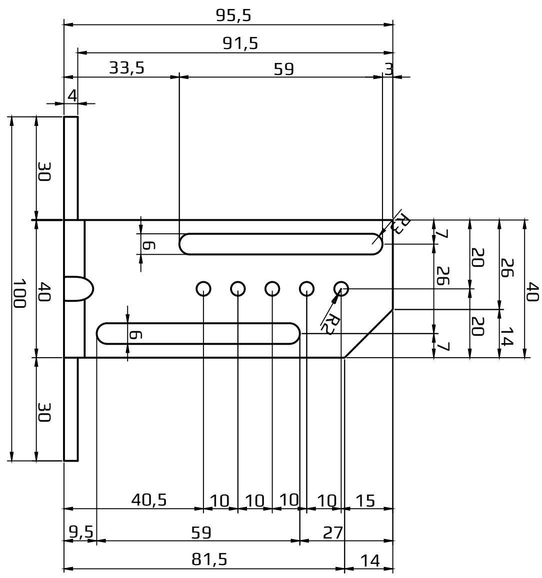


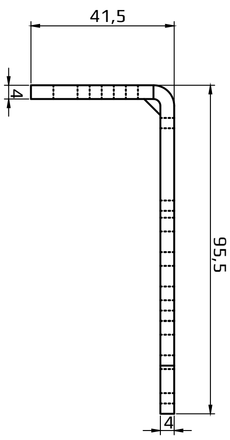


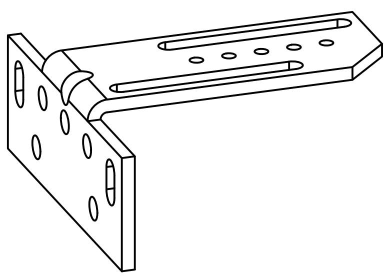
COMPONENTS

NS9



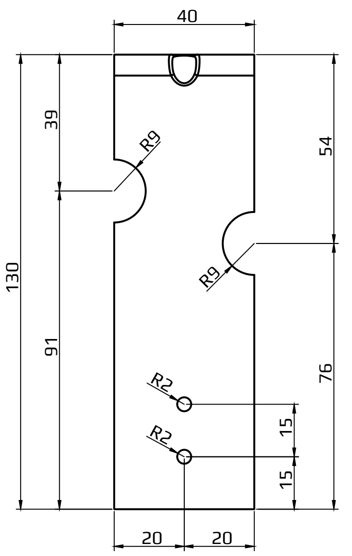


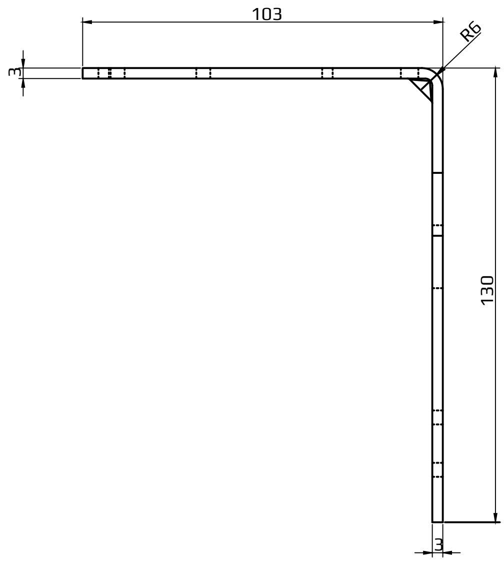


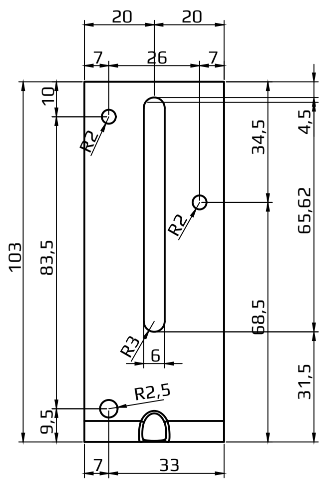


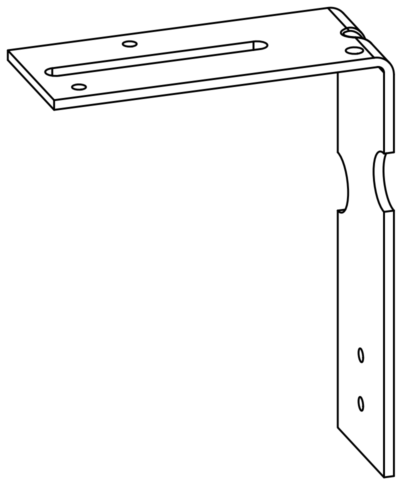
COMPONENTS

BK9



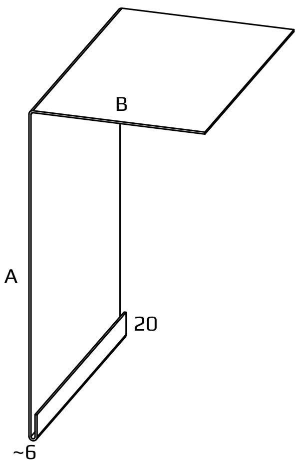




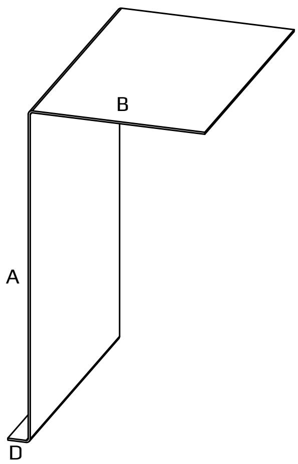


COVER PLATES

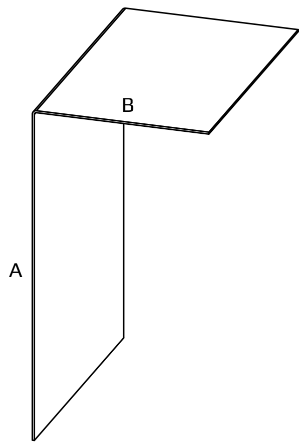
TYP 1A



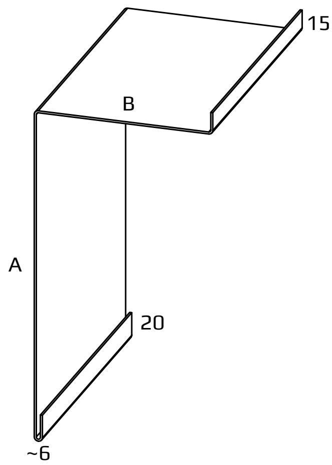
TYP 1B



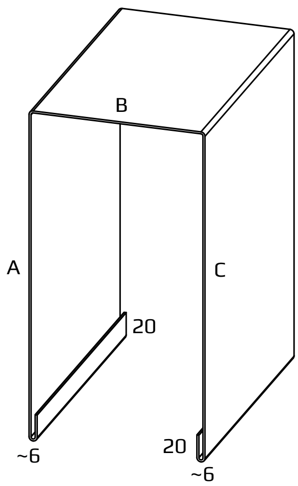
TYP 1C



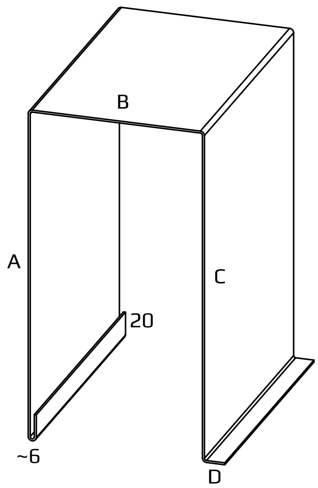
TYP 2



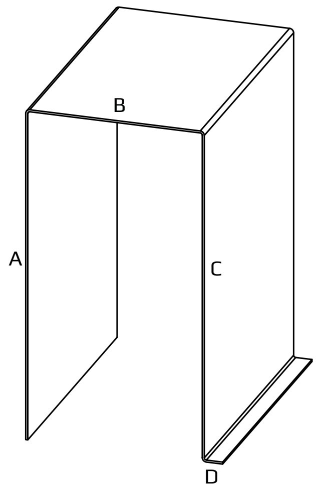
TYP 3A



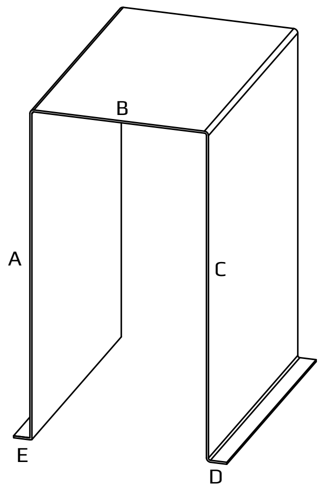
TYP 3B



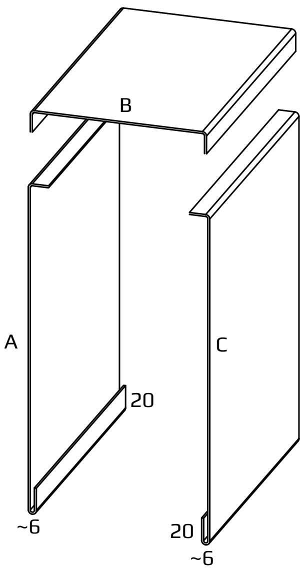
TYP 3C



TYP 3D



TYP 4S

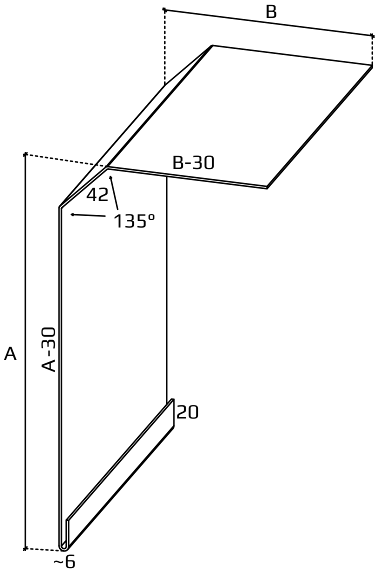


D - Standard 15
E - Standard 15

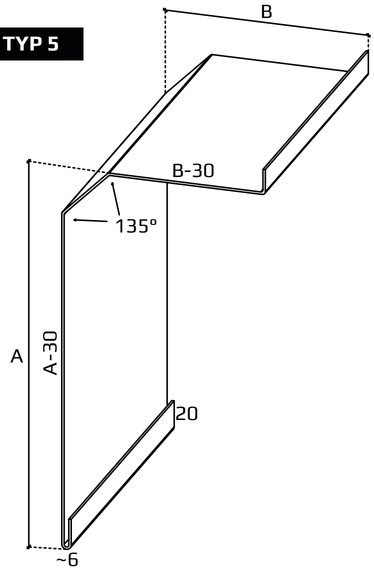
NOTE!
Cover plates have small production holes at their bottom edges.

COVER PLATES

TYP 4

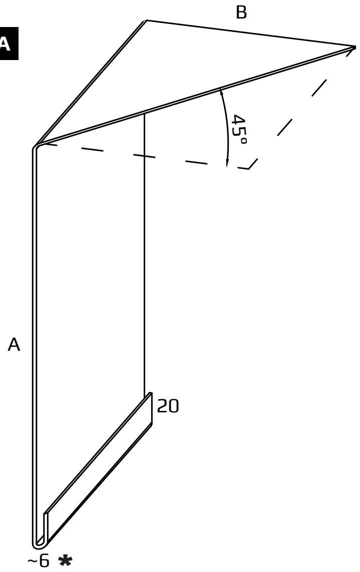


TYP 5

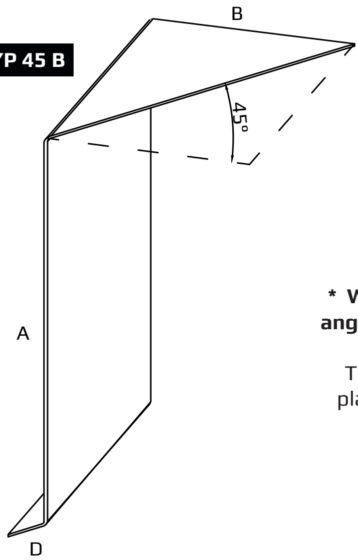


CUT AT 45 °

TYP 45 A



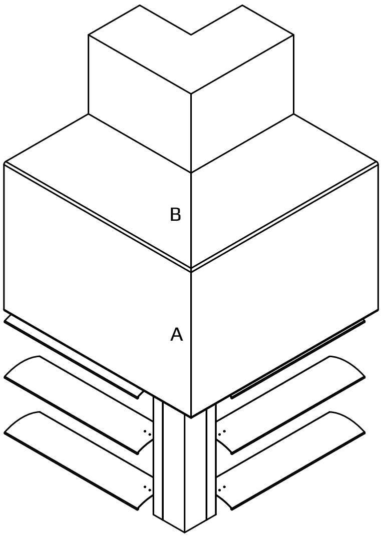
TYP 45 B



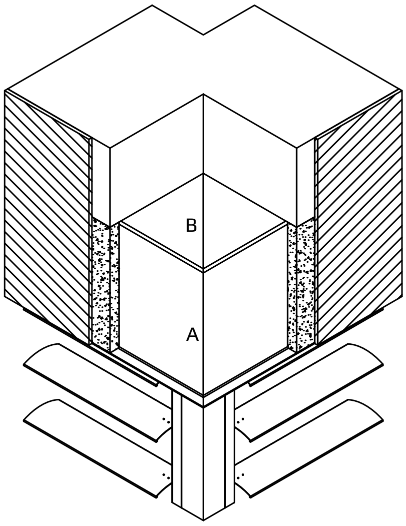
*** When ordering a cover plate cut to 45 º angle, please also specify the F dimension**

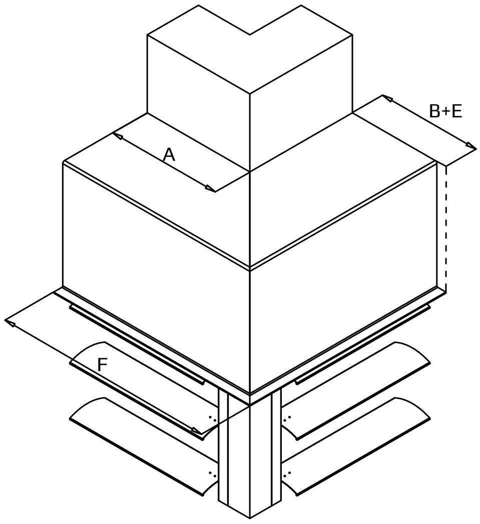
The cover plates can be supplied with a plaster carrier - styrodur 15 mm / 30 mm

PT



NT

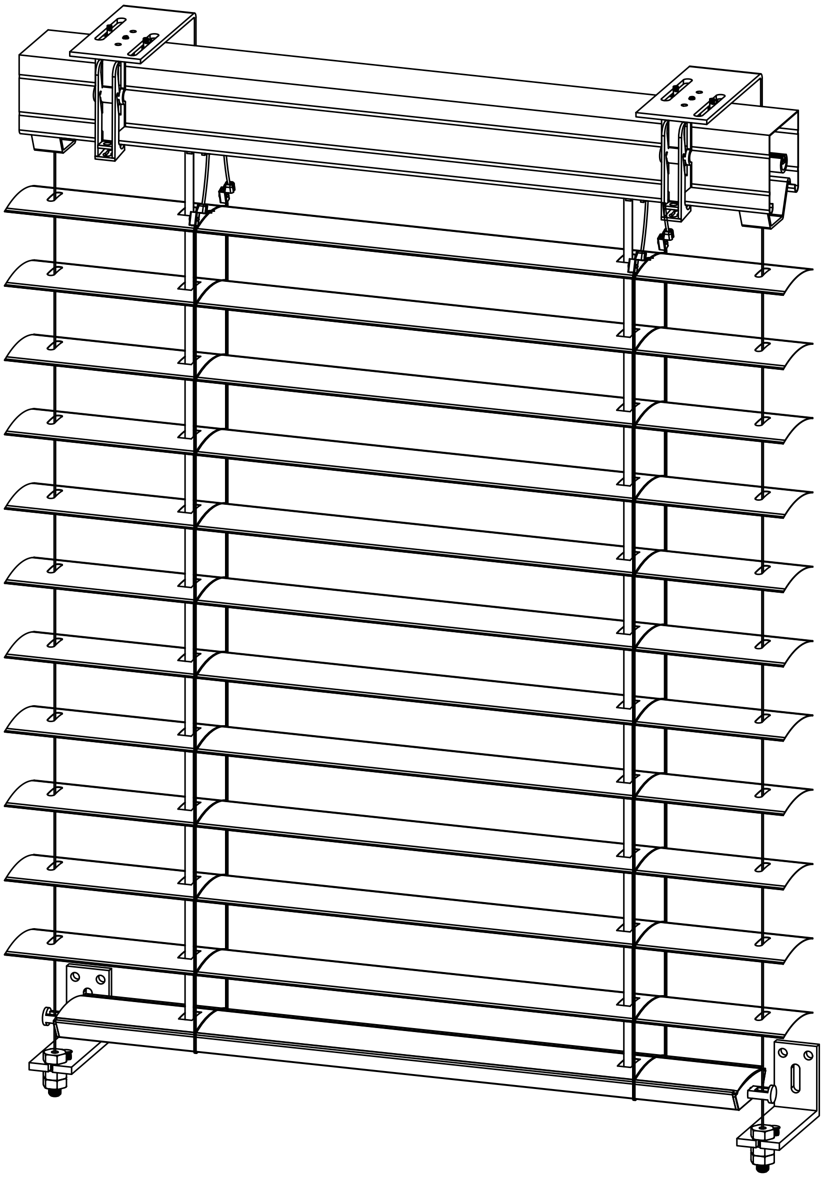




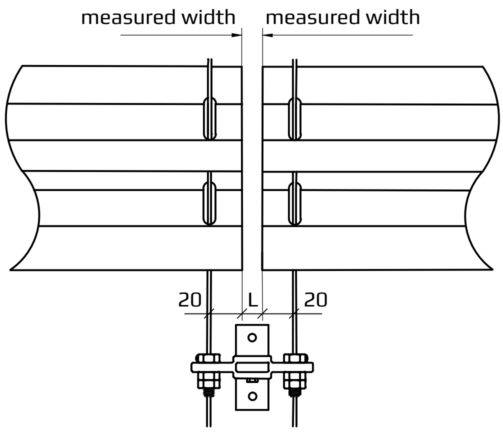
BLIND SYSTEMS

STEEL CORD SIDE GUIDING

C - 80L **C - 80FL** **C - 60FL** **Z - 90L**

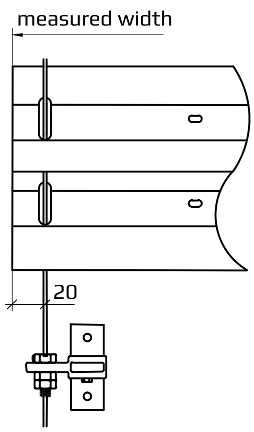


LSP - bilateral

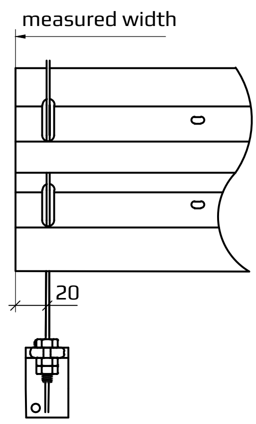


L= 10-27 mm

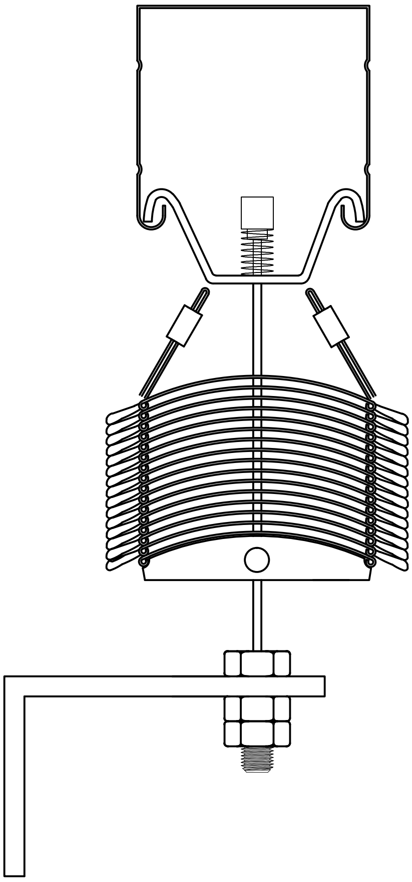
LSP

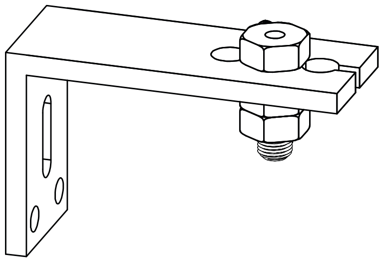


LST



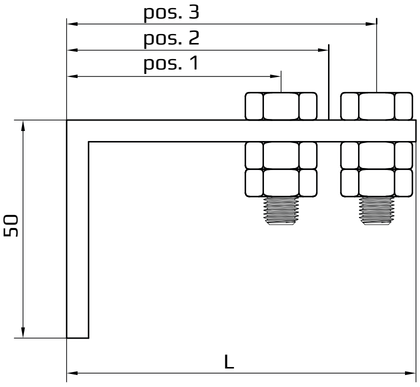
Steel Cord Bracket A-LST - standard

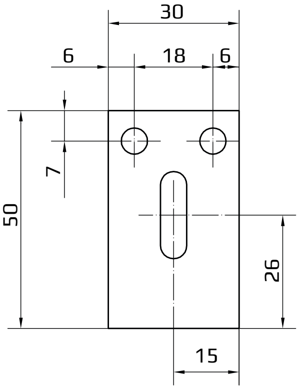




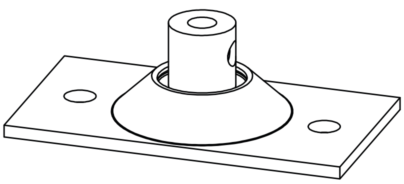
Console LST

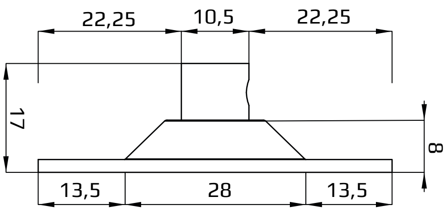
	Pos. 1	Pos. 2	Pos. 3	L
A - LST	50	60	70	80
B - LST	90	100	110	120
C - LST	120	130	140	150

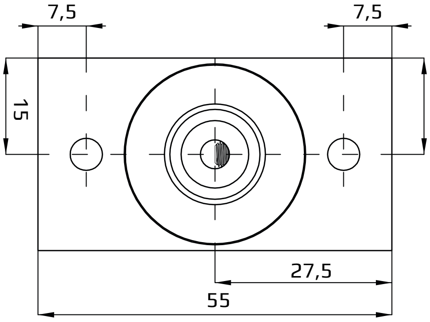




Steel Cord Bracket LPD – floor bracket

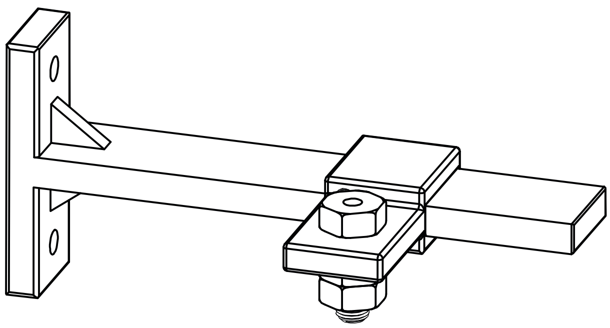


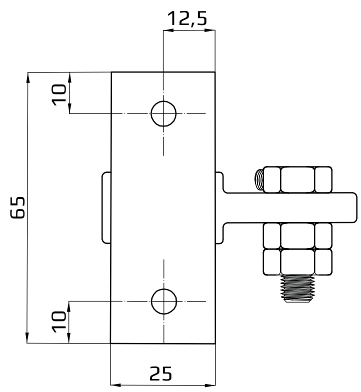




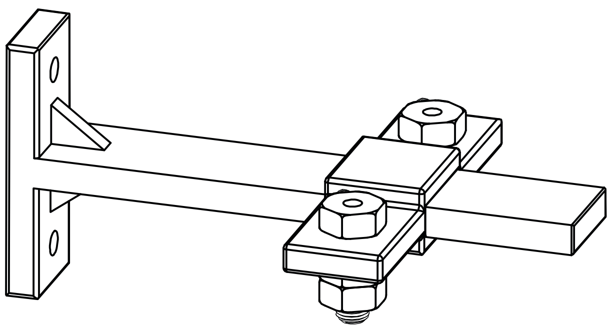
STEEL CORD SIDE GUIDING

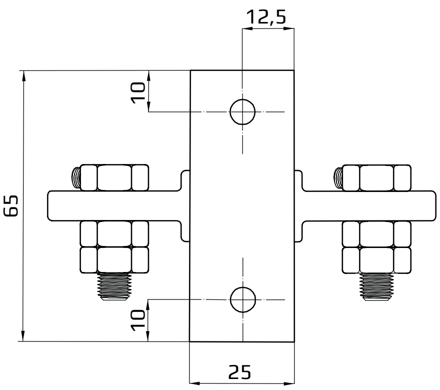
Steel Cord Bracket LSP (single)





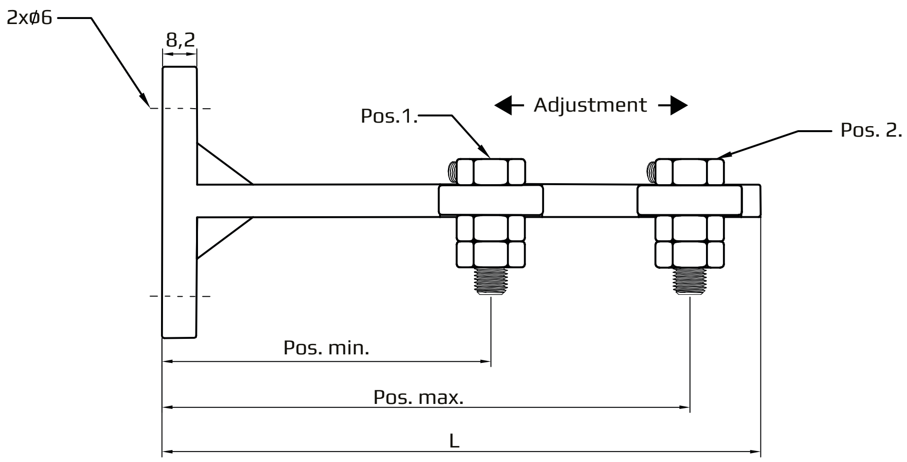
Steel Cord Bracket LSP (double)

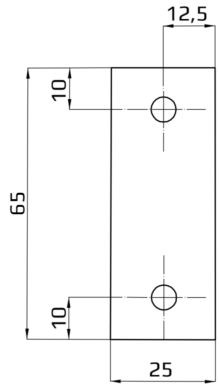




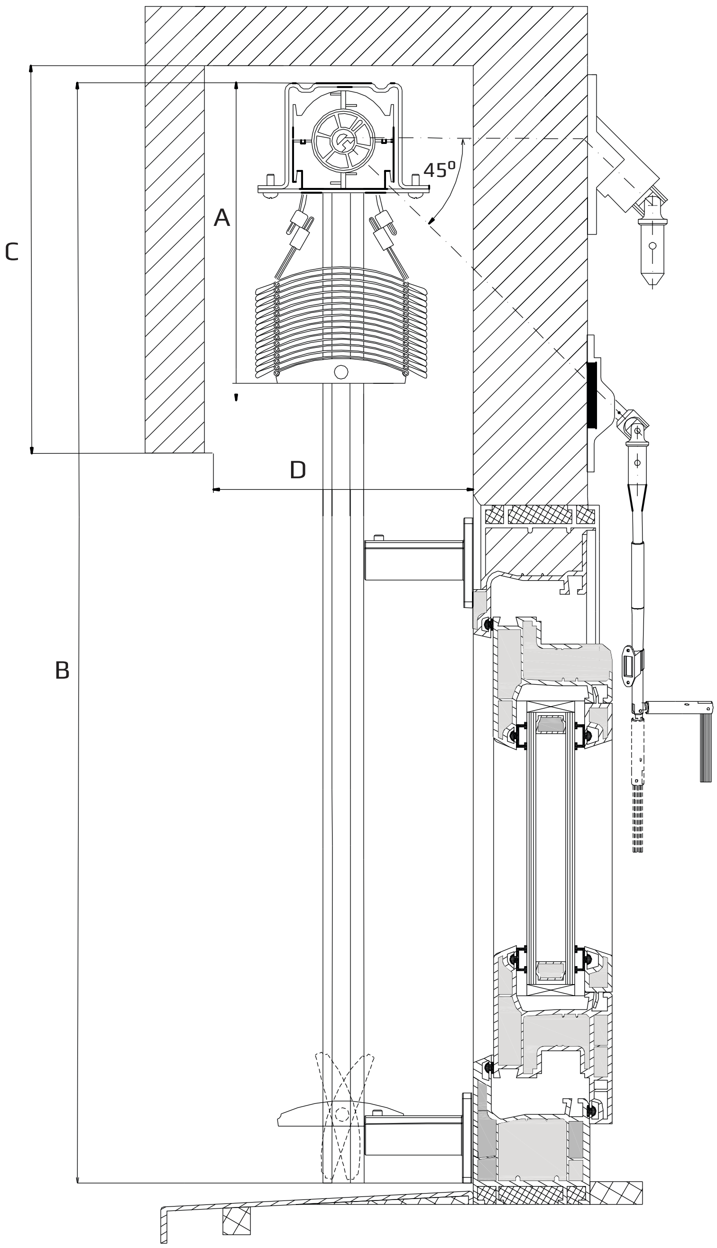
Steel cord bracket LSP

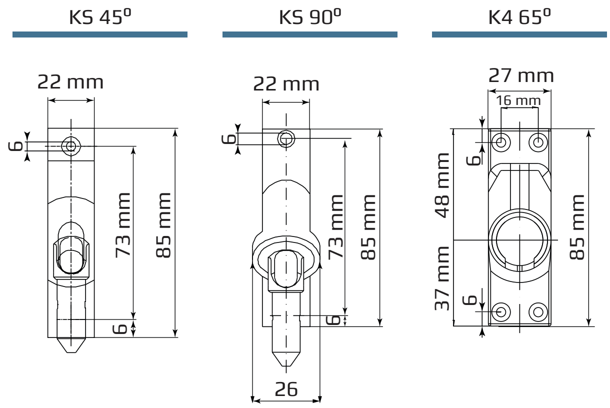
	Pos. min.	Pos. max.	L
A - LSP	48	90	105
B - LSP	87	127	145
C - LSP	125	166	180
D - LSP	166	200	215





SELF-SUPPORTING SYSTEMS





A - Package height
B - Total height of the blind
C - Total height of the cover
D - Total depth of the cover

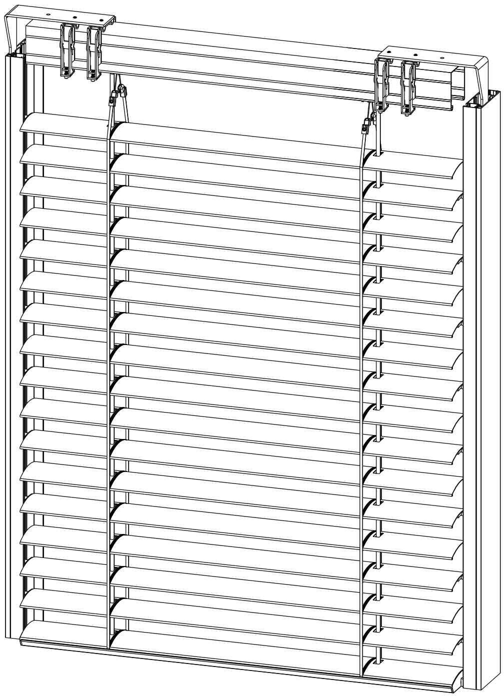
The amount of guide channel brackets for SST and SSHD systems

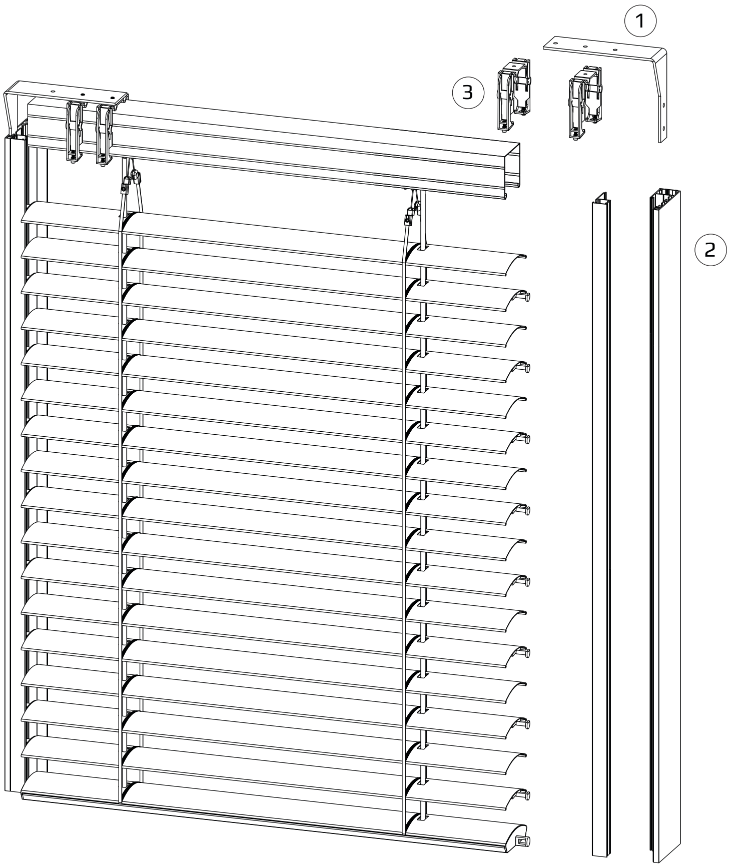
Blind (mm)	Quantity
600 - 1399	2
1400 - 2199	3
2200 - 3099	4
3100 - 4000	5

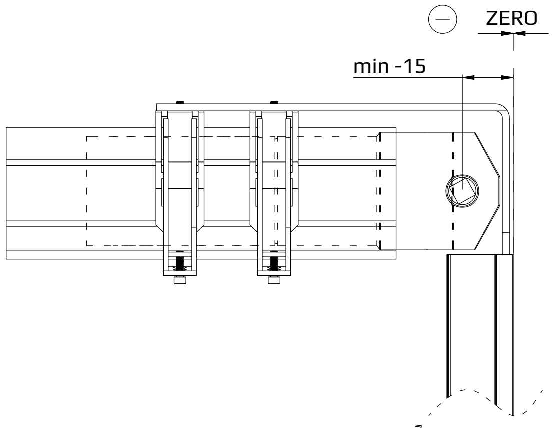
Self-Supporting System details

type of self-supporting systems	min. width for manual	min. width for motor	max. width of the blind	max. surface
SST	420 mm	500 mm	2800 mm	7,5 m^2
SSHD	420 mm	500 mm	4000 mm	15 m^2

SELF-SUPPORTING SYSTEM MKS SN

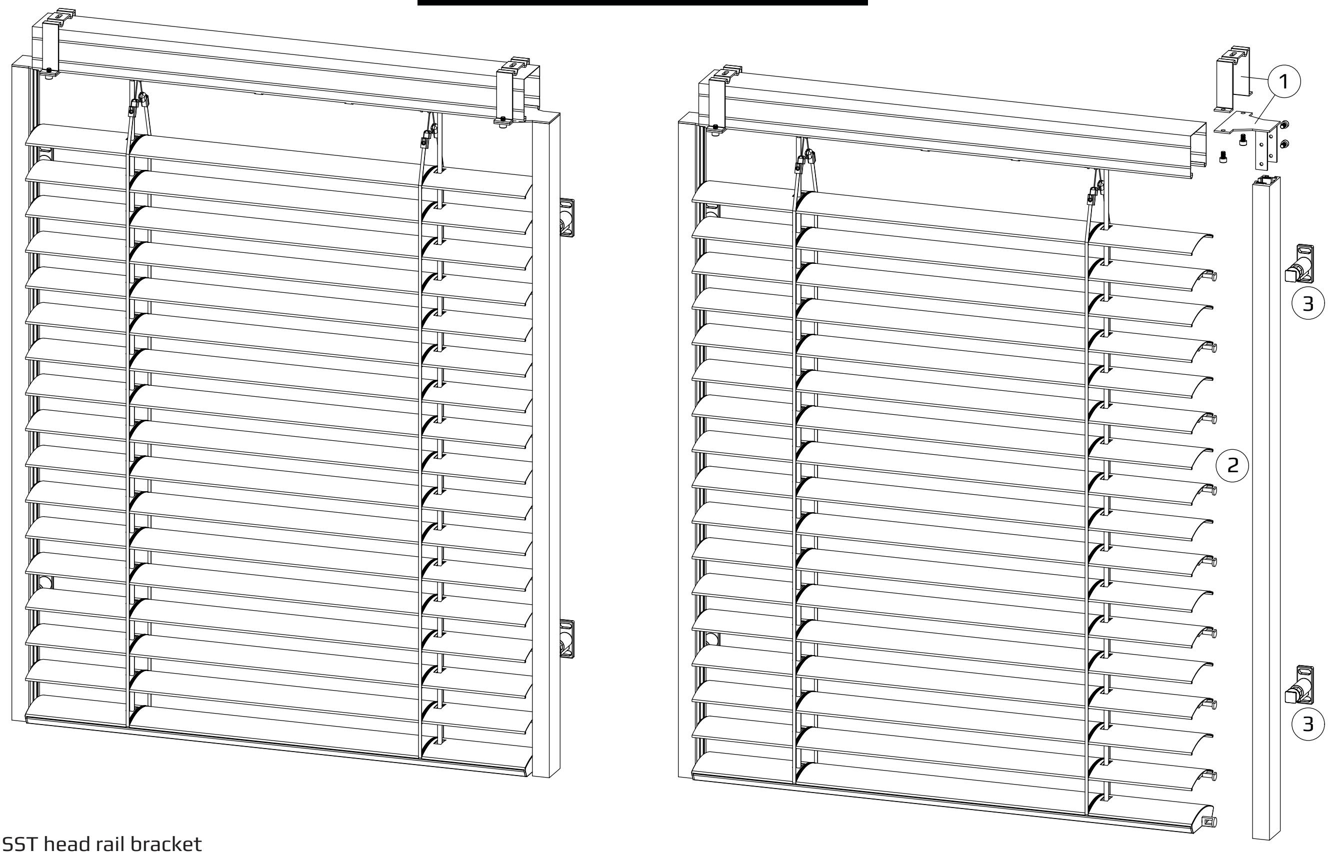






1 - MKS SN bracket
2 - MKS PT / MKS NT guide channel
3 - Head rail bracket TYPE 1a

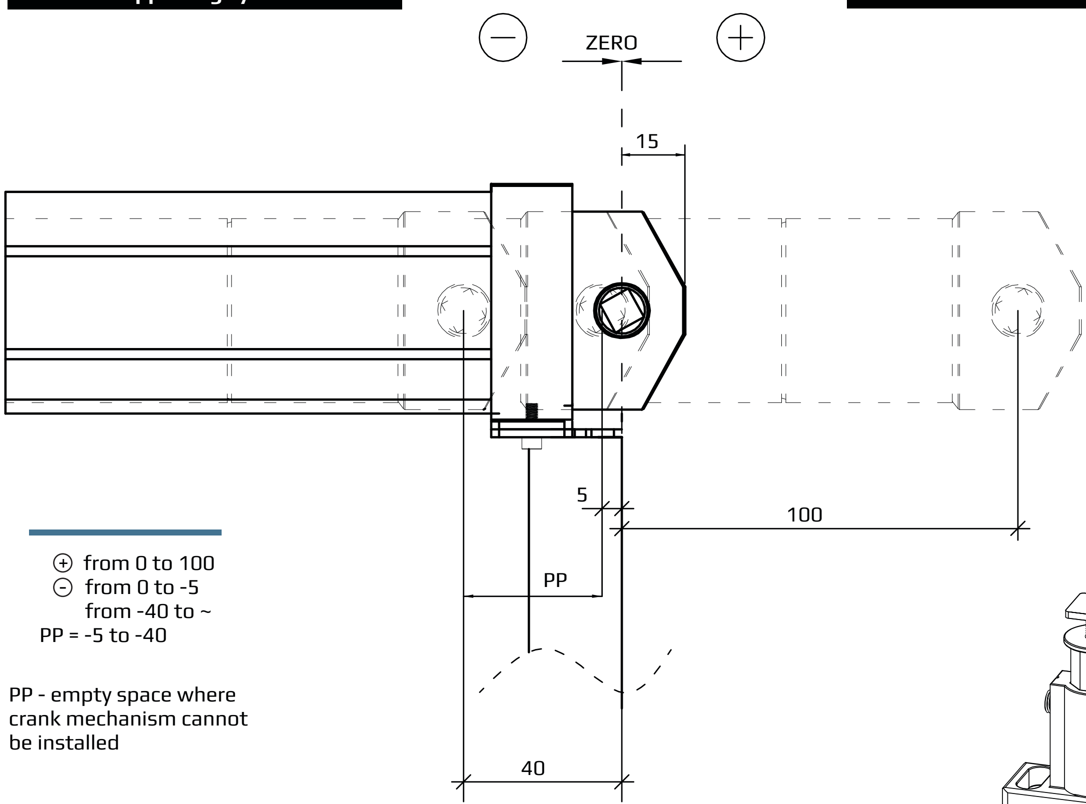
SELF-SUPPORTING SYSTEM SST



1 - SST head rail bracket
2 - SST guide channel (TYPE 5)
3 - SST guide channel bracket

Self-supporting system SST

Guide channel brackets' range for SST and guide channel

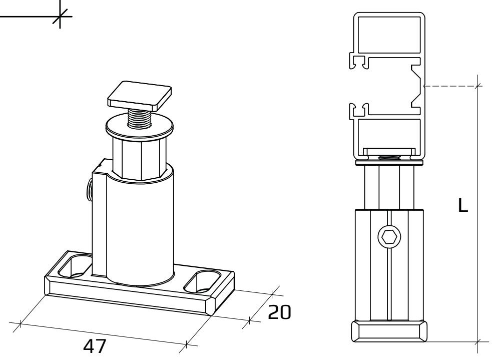


⊕ from 0 to 100
⊖ from 0 to -5
from -40 to ~
PP = -5 to -40

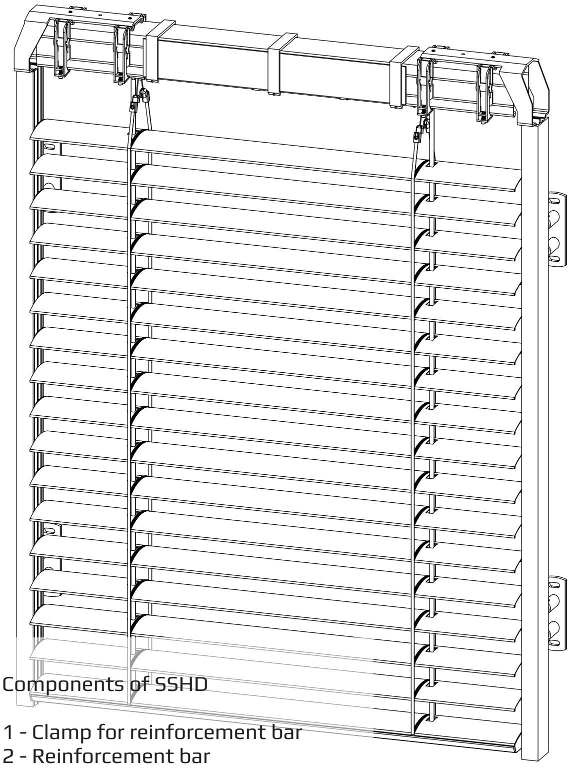
PP - empty space where crank mechanism cannot be installed

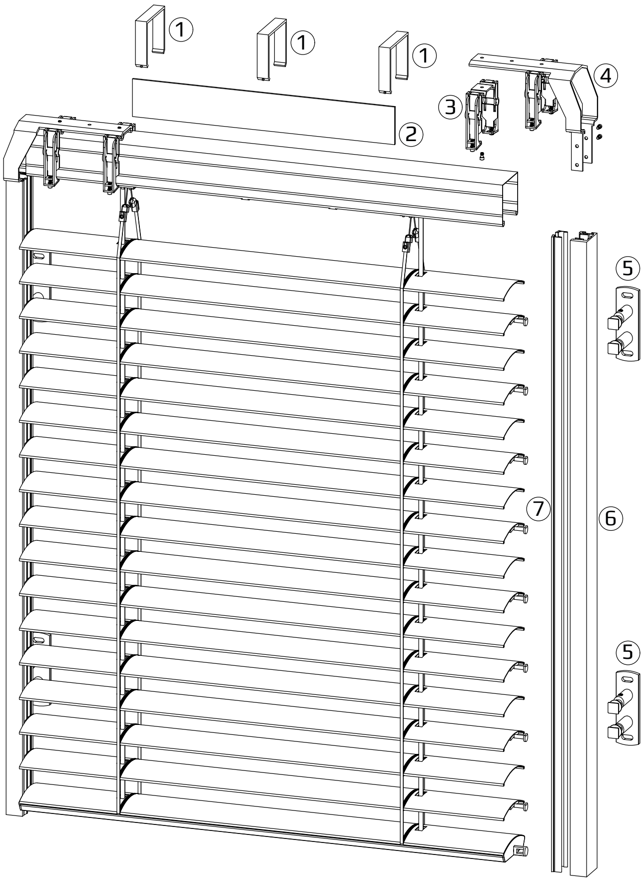
Span of guide channel bracket

Type	L size
A - SST	57 - 82mm
B - SST	82 - 130mm



SELF-SUPPORTING SYSTEM SSHD



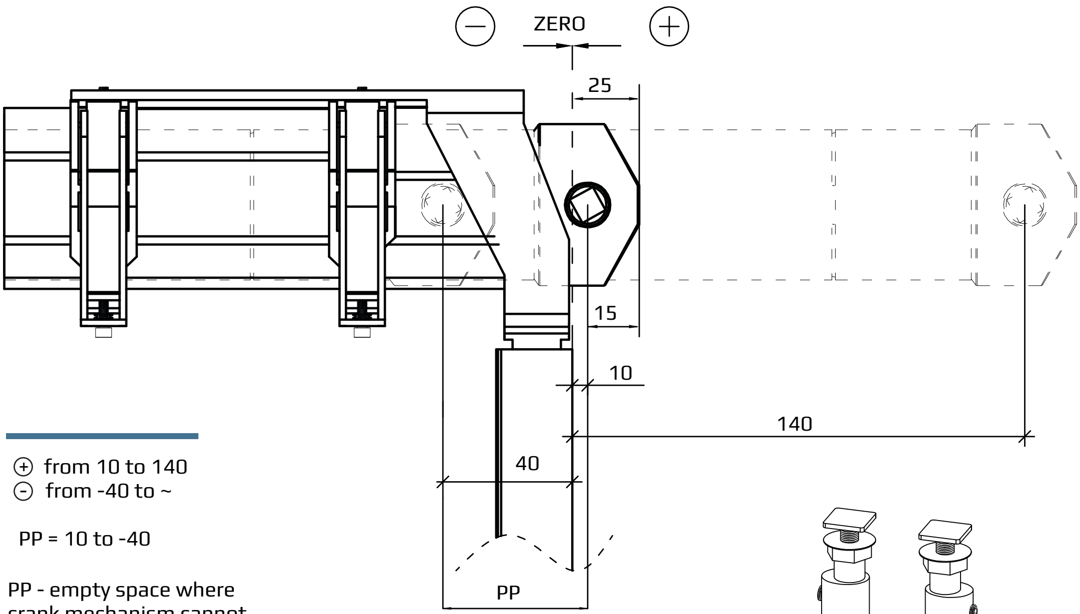


Components of SSHD

1 - Clamp for reinforcement bar
2 - Reinforcement bar
3 - Clamp 1a
4 - SSHD head rail bracket
5 - SSHD guide channel bracket
6 - SSHD guide channel
7 - SSHD guide channel insert

self- supporting SSHD

Guide channel brackets' range for SSHD and guide channel



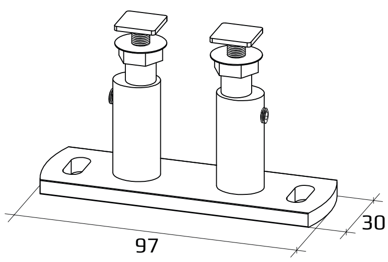
⊕ from 10 to 140
⊖ from -40 to ~

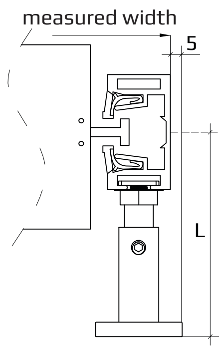
PP = 10 to -40

PP - empty space where crank mechanism cannot be installed

Span of guide channel bracket

Type	L size
A - SSHD	65 - 93mm
B - SSHD	93 - 124mm
C - SSHD	124 - 153mm
D - SSHD	153 - 182mm

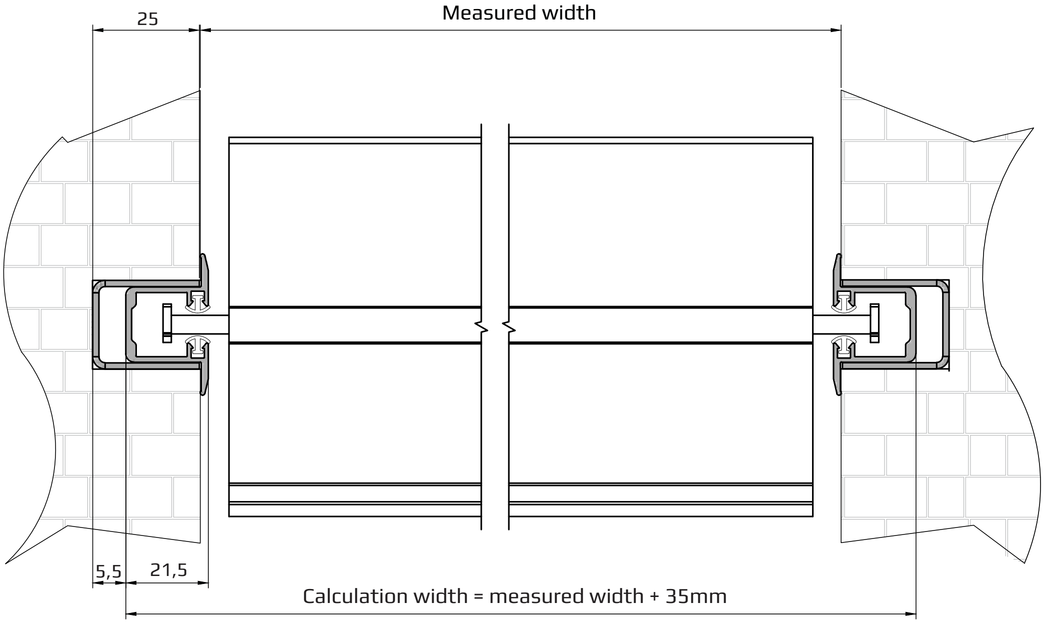




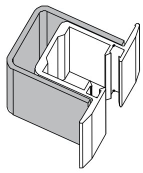
BLIND SYSTEMS

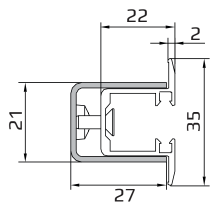
FLUSH-MOUNTED SYSTEM

PT system - Main cross-section

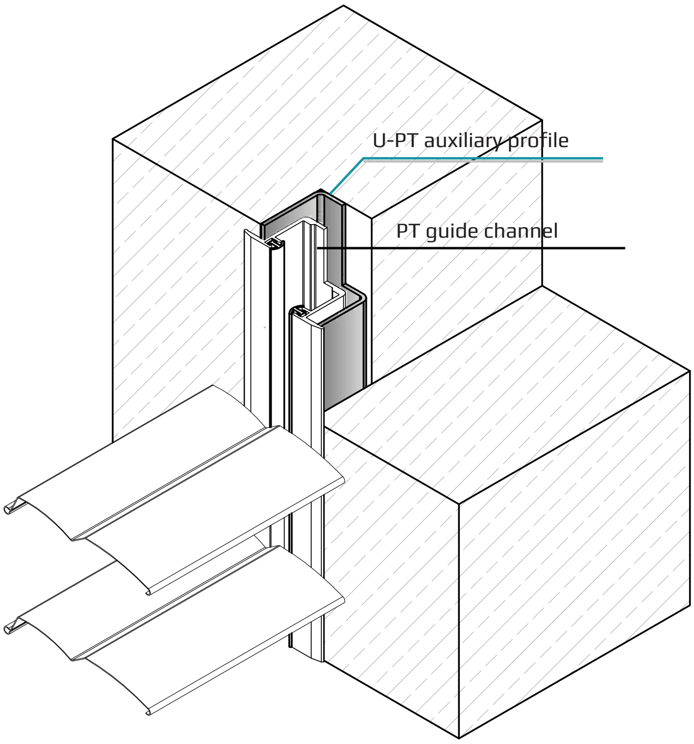


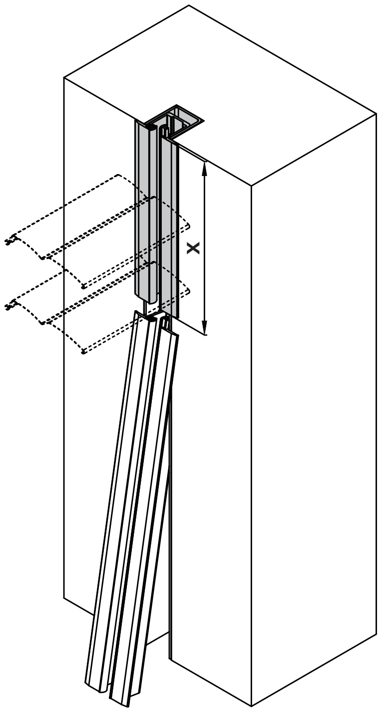
Guide channel type 8 – PT





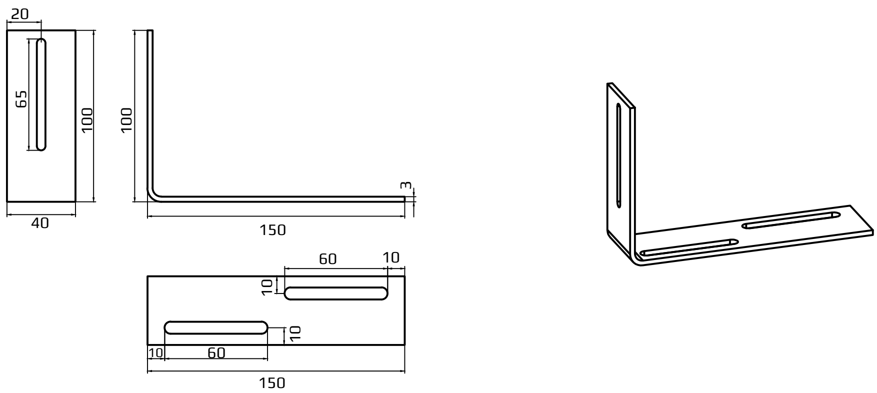
PT system – concept cros-section



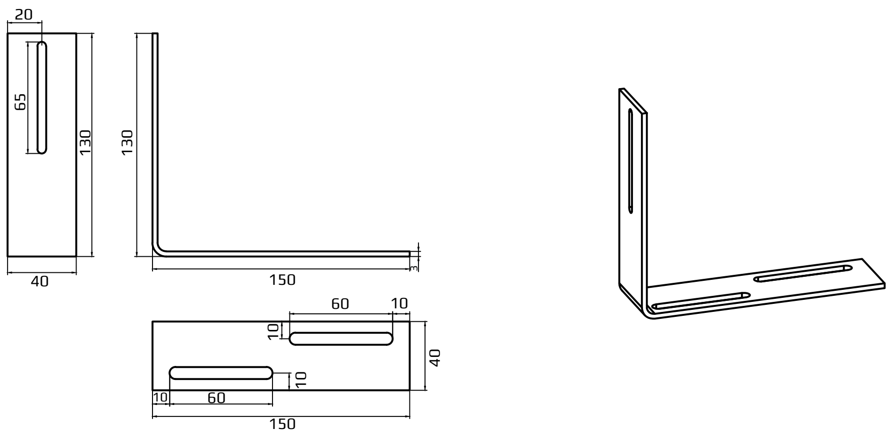


X=30 cm STANDARD

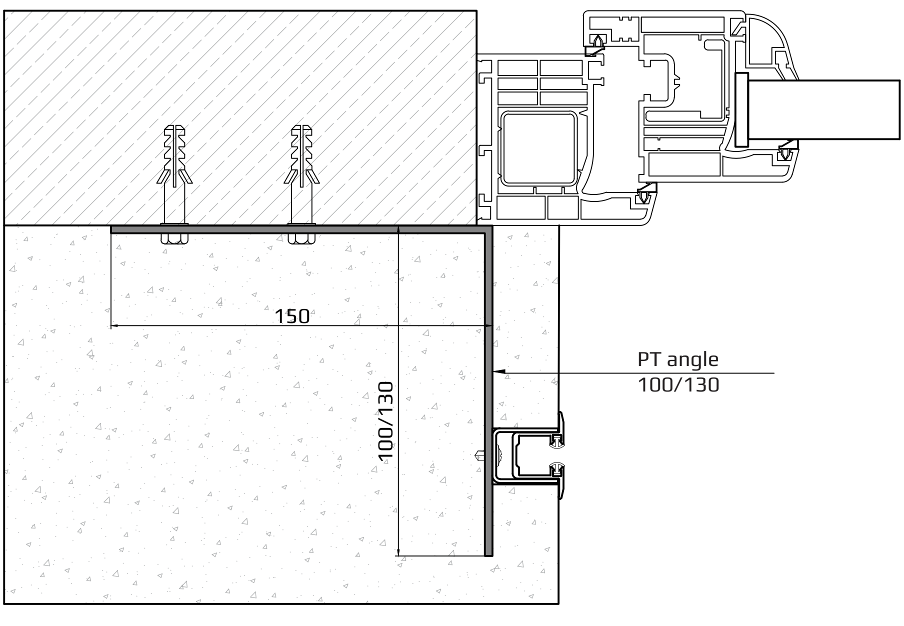
PT system – 100x150 angle



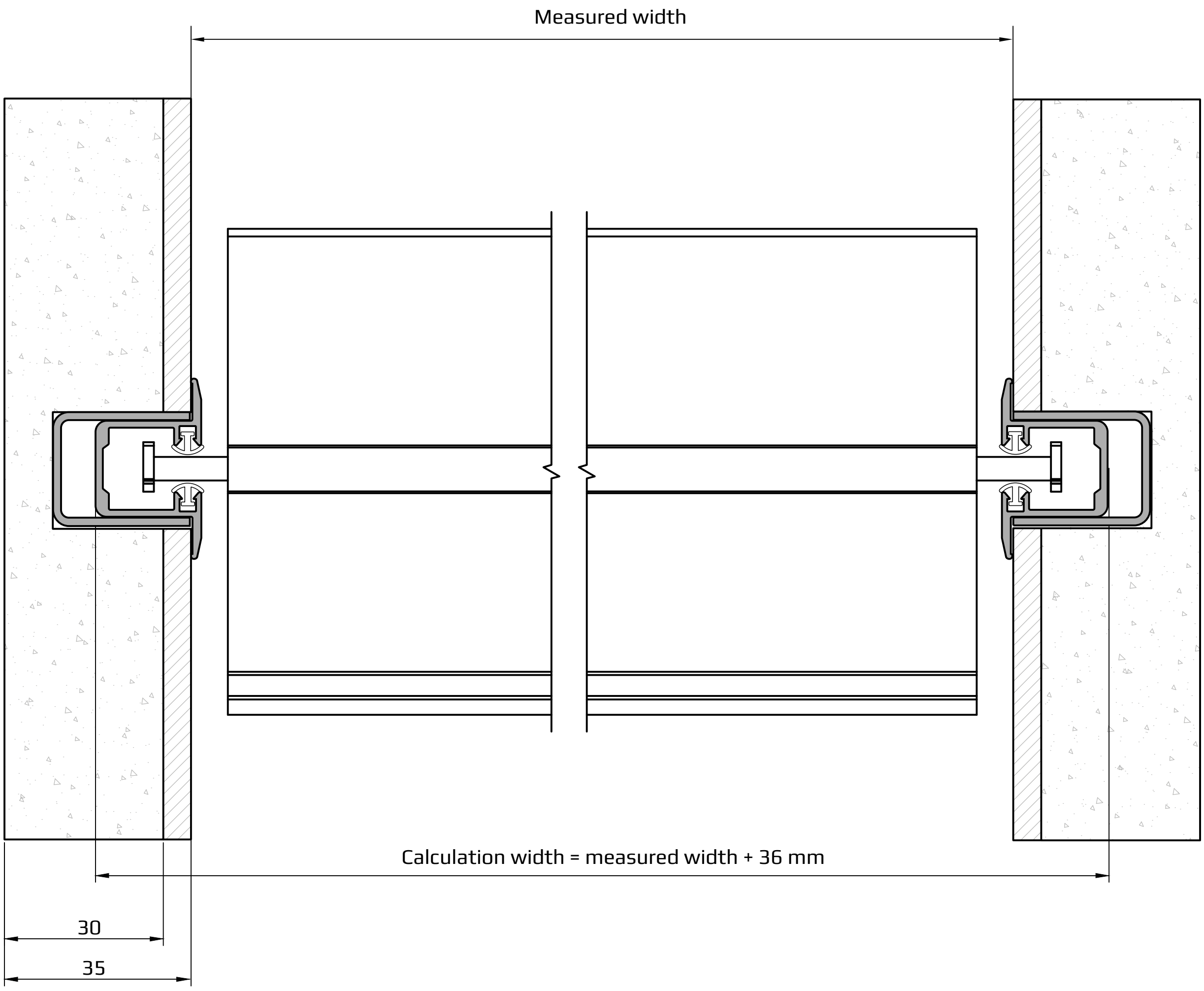
PT system – 130x150 angle



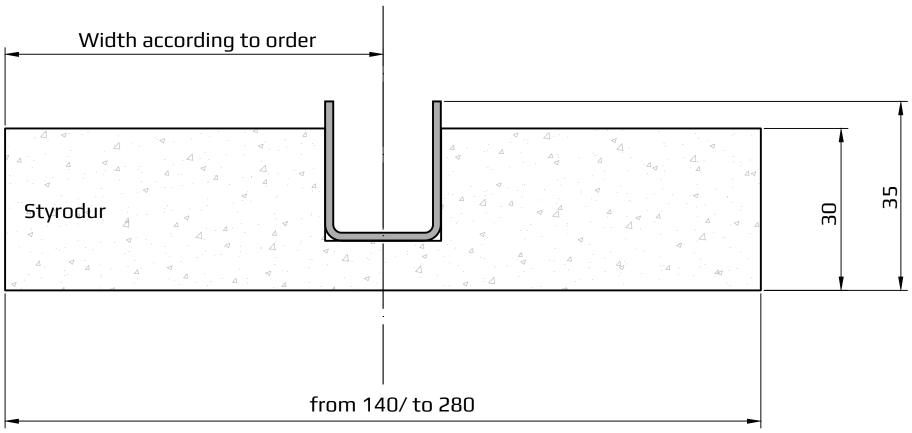
PT system – main cross-section



Styrodur board – main cross-section

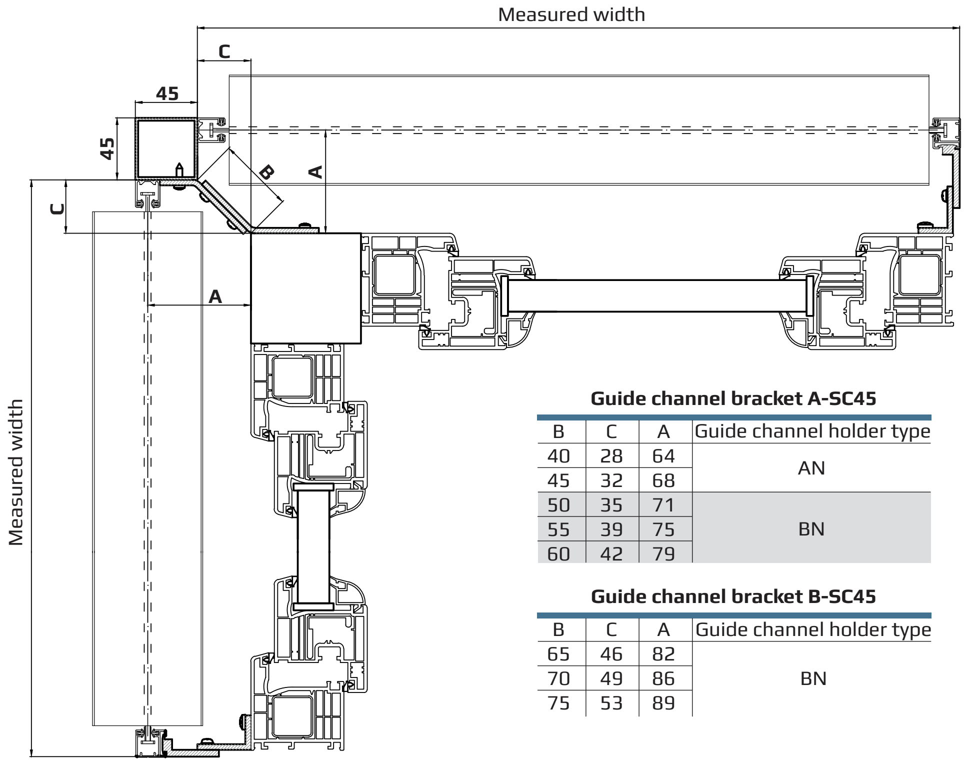


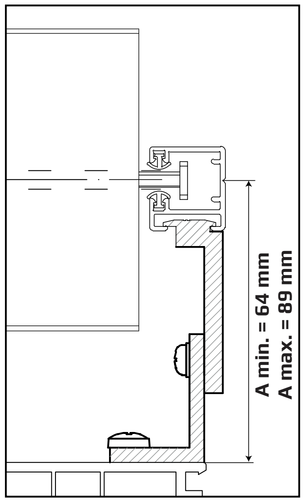
Styrodur board – concept cross-section



CONNECTED EXTERNAL VENETIAN BLINDS

Connection SC45 – separate control





Guide channel bracket A-SC45

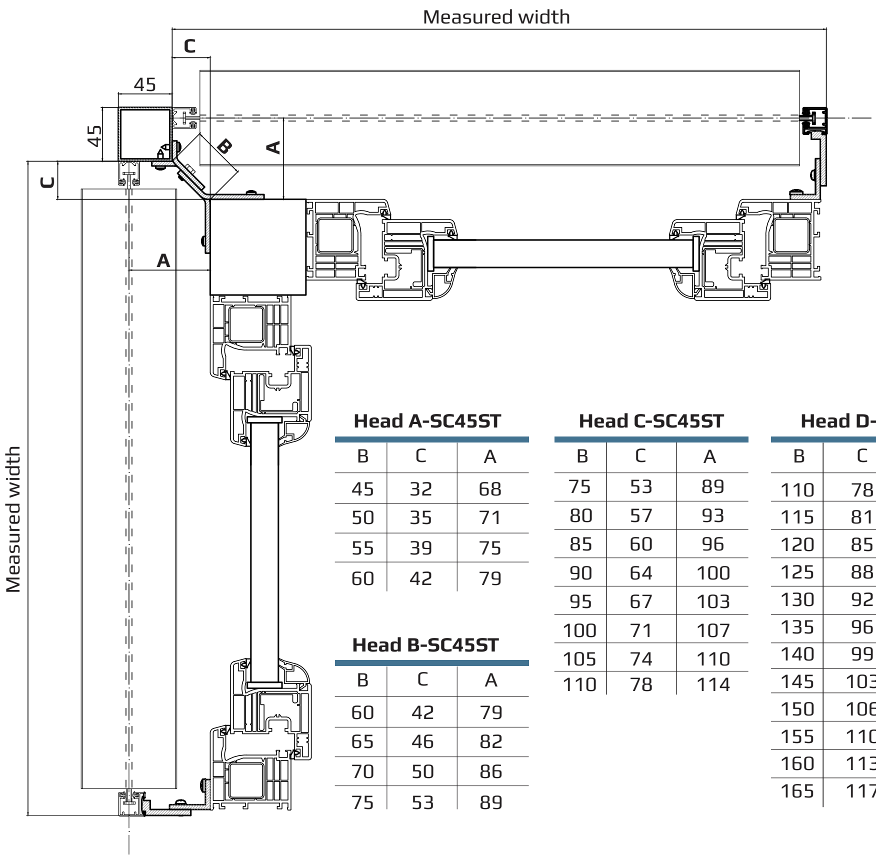
B	C	A	Guide channel holder type
40	28	64	AN
45	32	68	
50	35	71	BN
55	39	75	
60	42	79	

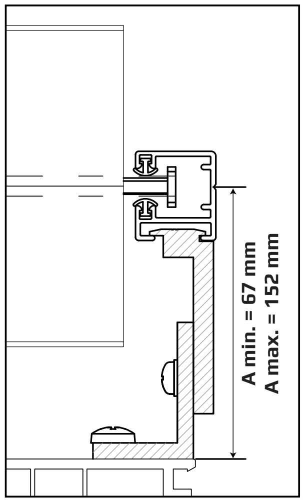
Guide channel bracket B-SC45

B	C	A	Guide channel holder type
65	46	82	BN
70	49	86	
75	53	89	

NOTE:
The measured width consists of the width to the edge of the window and the dimension C - applies to both blinds connected with the SC45 guide

Connection SC45ST - separate control





Head A-SC45ST

B	C	A
45	32	68
50	35	71
55	39	75
60	42	79

Head B-SC45ST

B	C	A
60	42	79
65	46	82
70	50	86
75	53	89

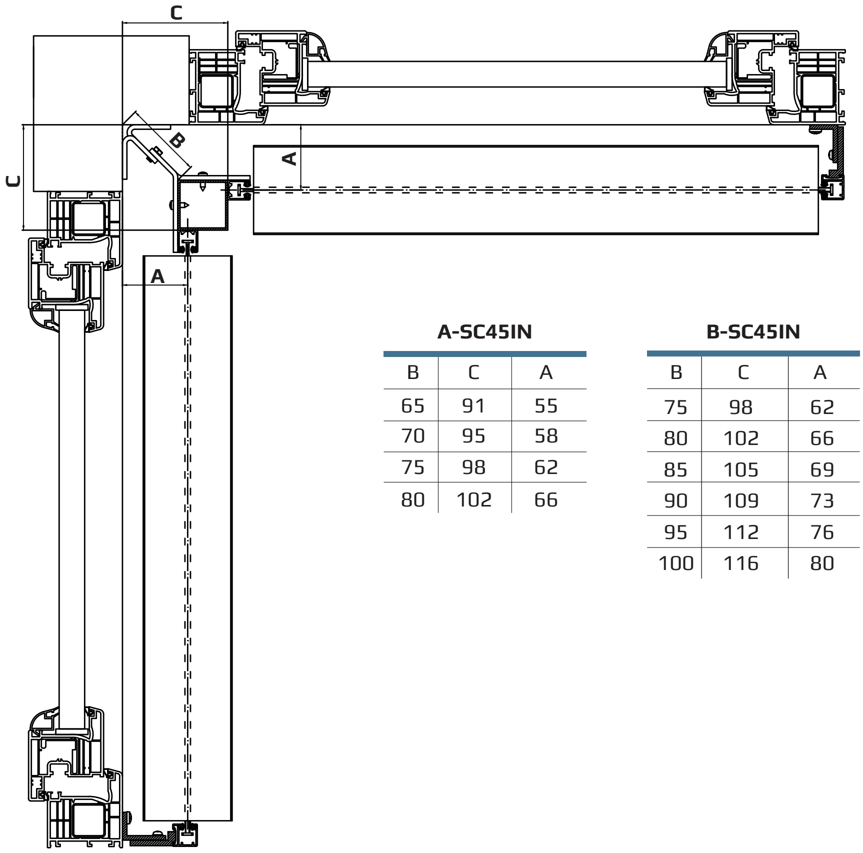
Head C-SC45ST

B	C	A
75	53	89
80	57	93
85	60	96
90	64	100
95	67	103
100	71	107
105	74	110
110	78	114

Head D-SC45ST

B	C	A
110	78	114
115	81	117
120	85	121
125	88	125
130	92	128
135	96	132
140	99	135
145	103	139
150	106	142
155	110	146
160	113	149
165	117	153

Connection SC45IN - separate control



A-SC45IN

B	C	A
65	91	55
70	95	58
75	98	62
80	102	66

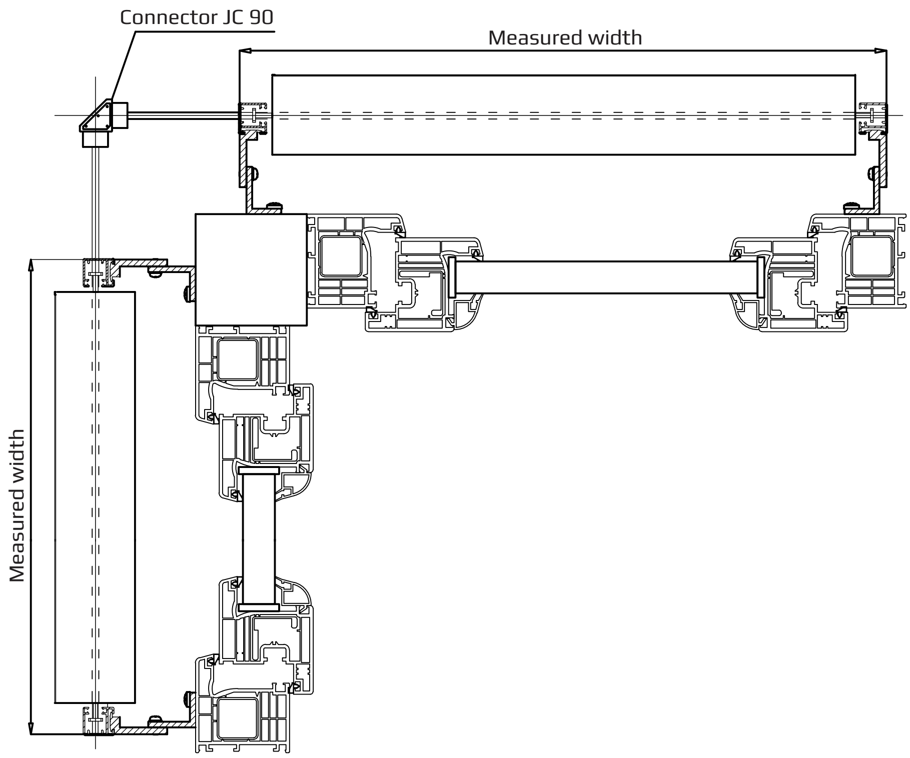
B-SC45IN

B	C	A
75	98	62
80	102	66
85	105	69
90	109	73
95	112	76
100	116	80

C-SC45IN

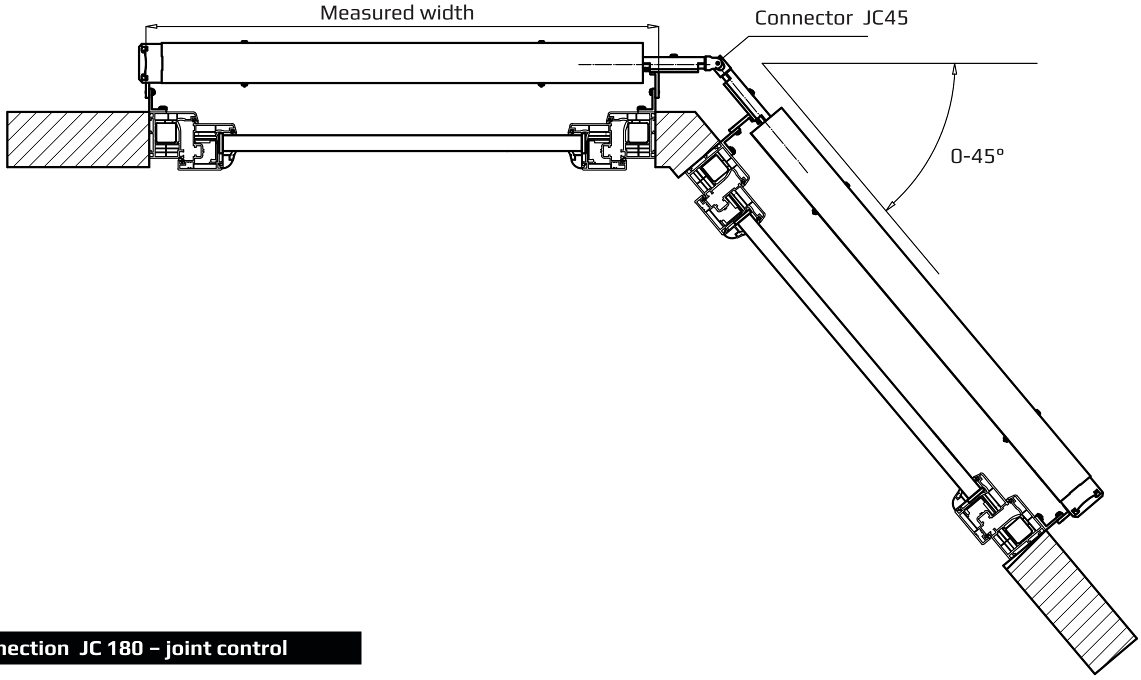
B	C	A
95	112	77
100	116	80
105	119	83
110	123	87
115	126	90
120	130	94
125	133	97
130	137	101
135	141	104
140	144	108

Connection JC90 – joint control

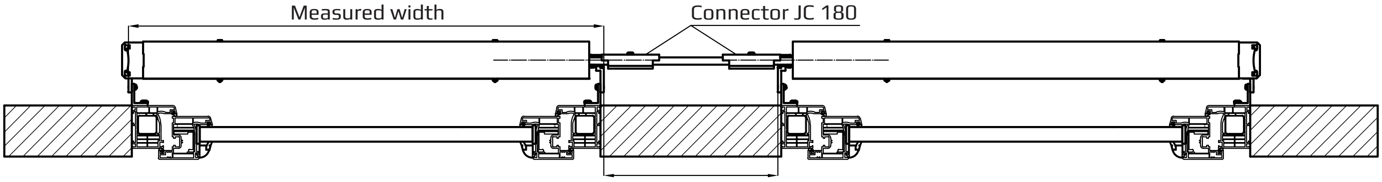


CONNECTED EXTERNAL VENETIAN BLINDS

Connection JC45 – joint control



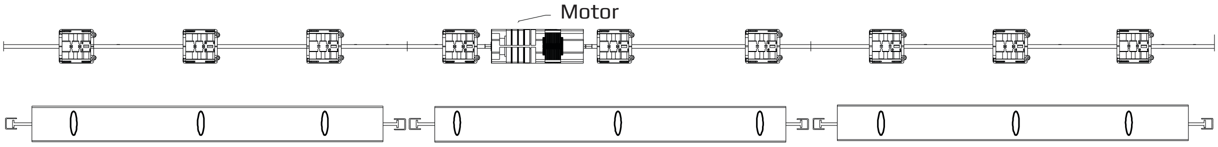
Connection JC 180 – joint control



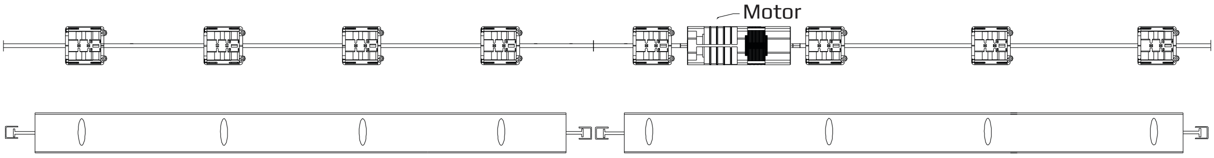
Connection systems' details

Connector	Max number of connected blinds	Max number of tilters for one side of the motor (see pictures below)
JC 180	3	5
JC 90	2	5
JC 45	2	5

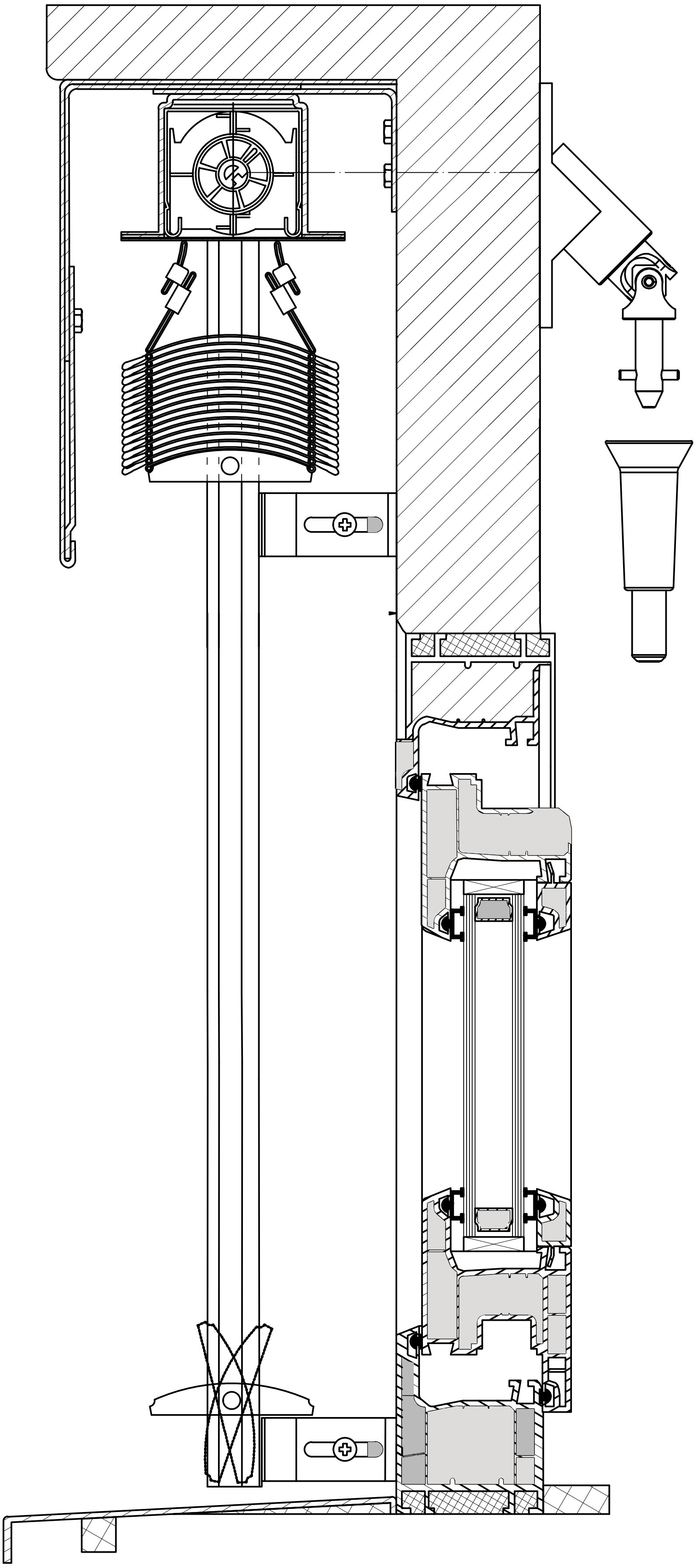
Example of connection JC 180

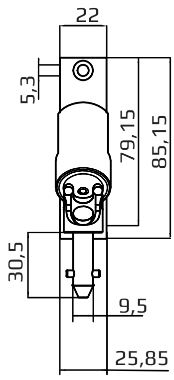


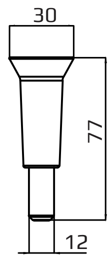
Example of connection JC 90



KDZ Crank

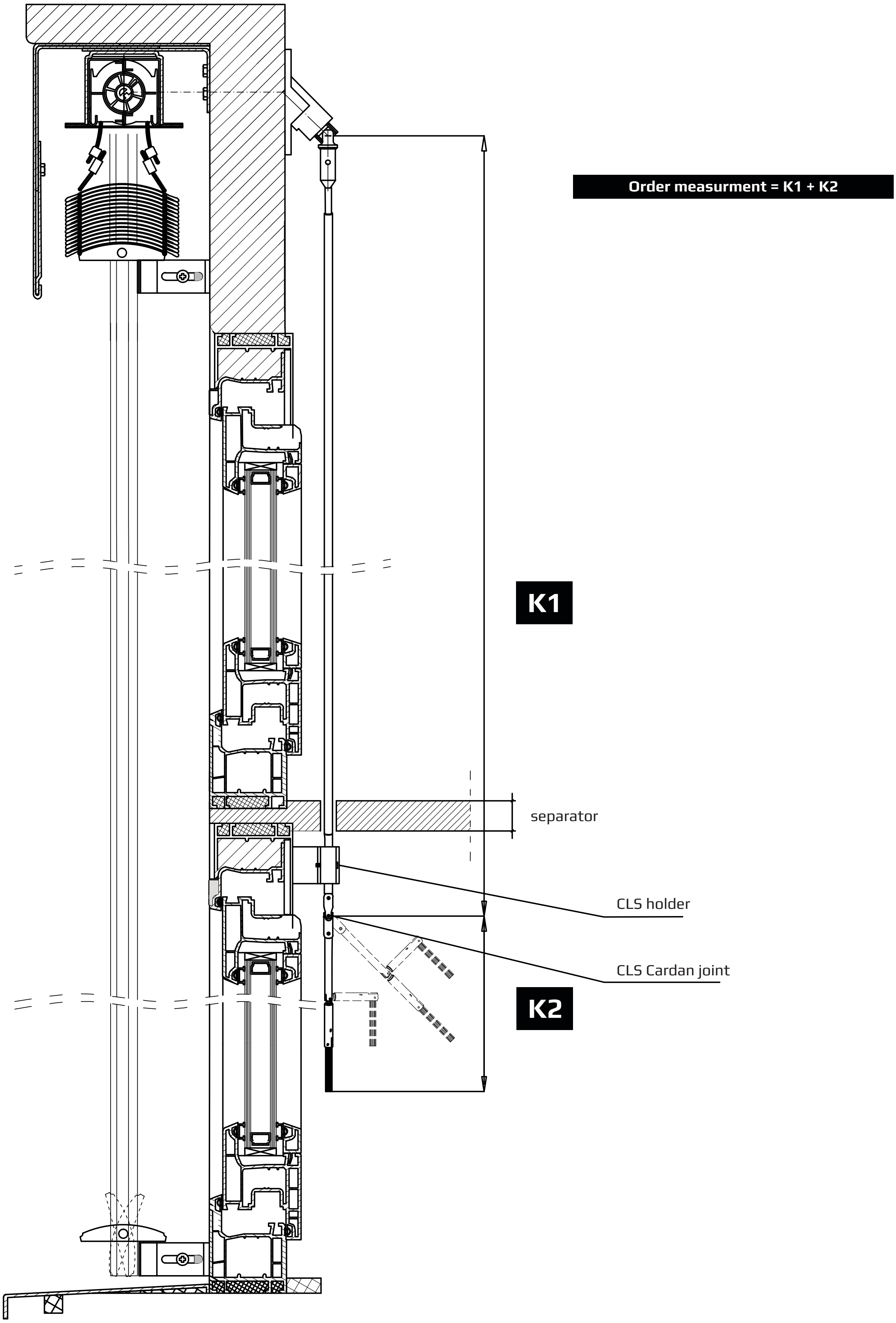






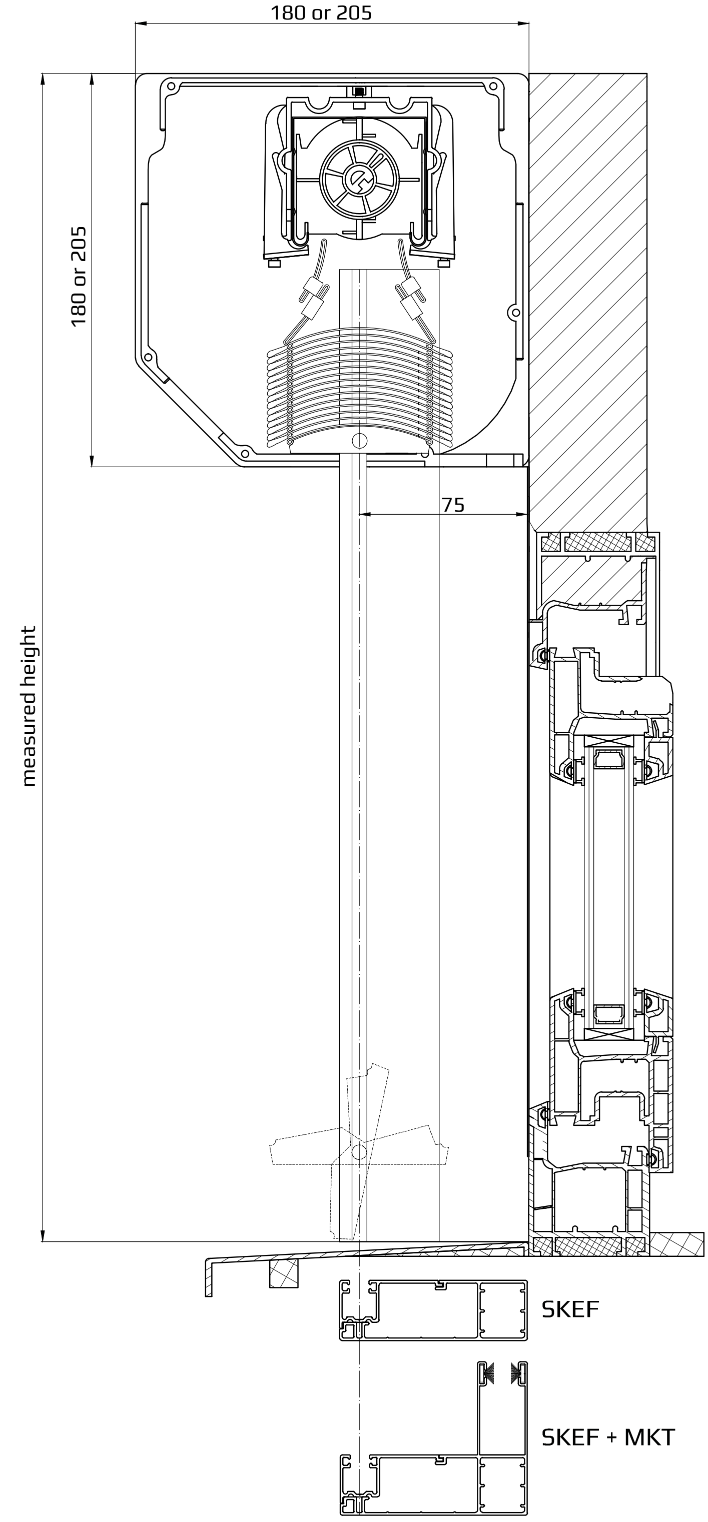
BLIND SYSTEMS

CLS Crank

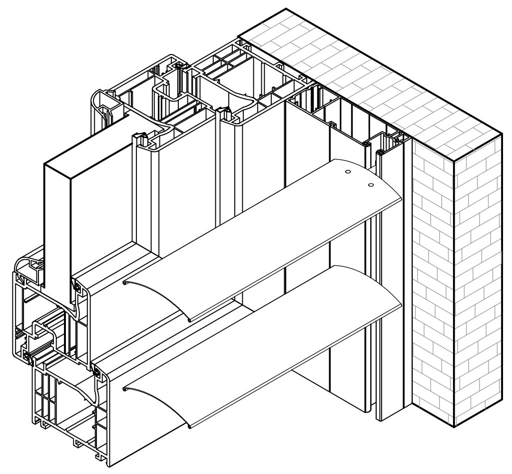


SKEF EXTERNAL VENETIAN BLIND SYSTEM

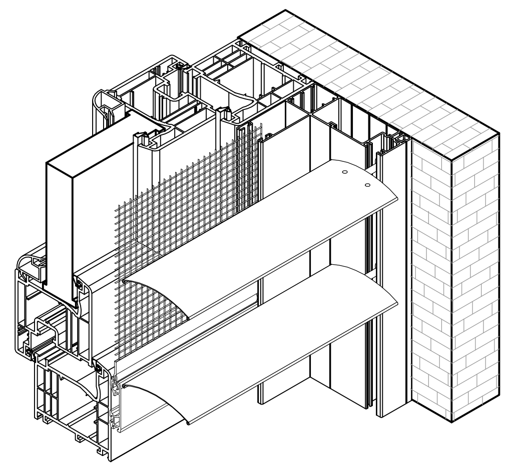
SKEF – main cross-section



SKEF



SKEF + MKT

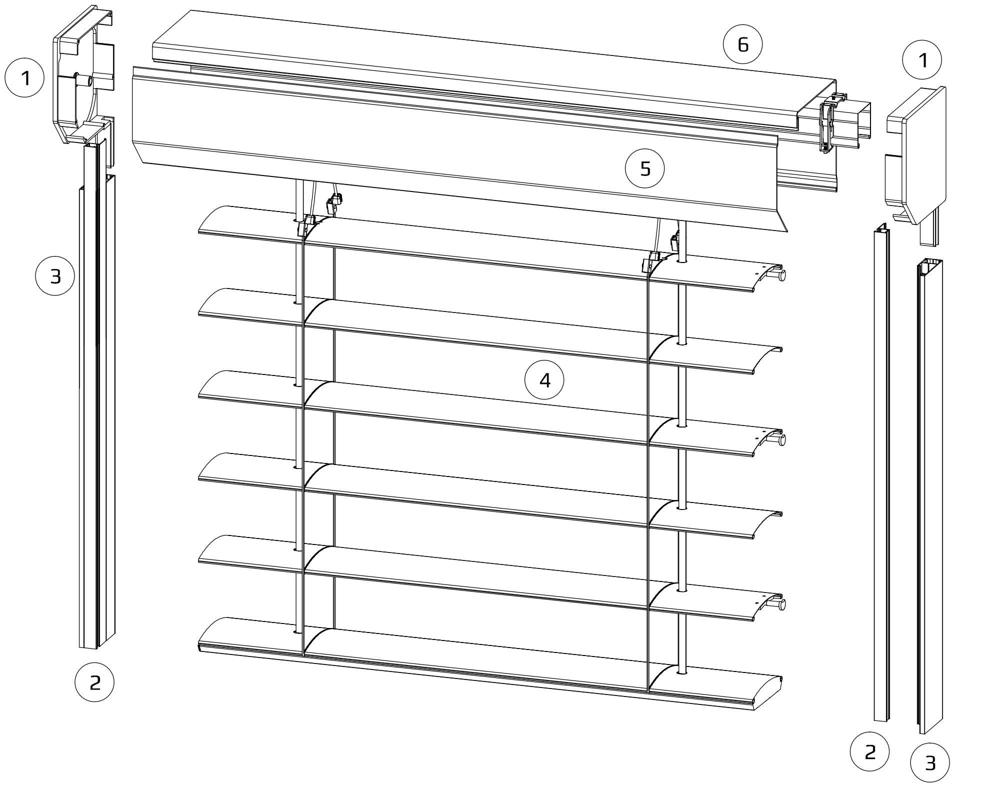


SYSTEM SKEF

min width (manual drive)	min width (electric drive)	max width (electric drive)		max heingt / 180mm box		max width/ 205mm box		max Surface					
		C-80	C-80F/C-60F	C-80	C-80F/C-60F	C-80	C-80F/C-60F	electric drive			manual drive		
								C-80	C-80 F	C-60 F	C-80	C-80 F	C-60 F
450 mm	580 mm	4000 mm	3000 mm	1100 mm	1500 mm	1500 mm	2500 mm	16 m²	12 m²	12 m²	9 m²	9 m²	9 m²

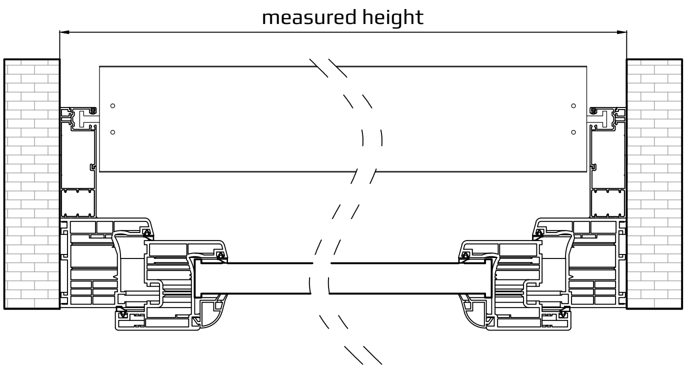
SKEF EXTERNAL VENETIAN BLIND SYSTEM

SKEF system – components

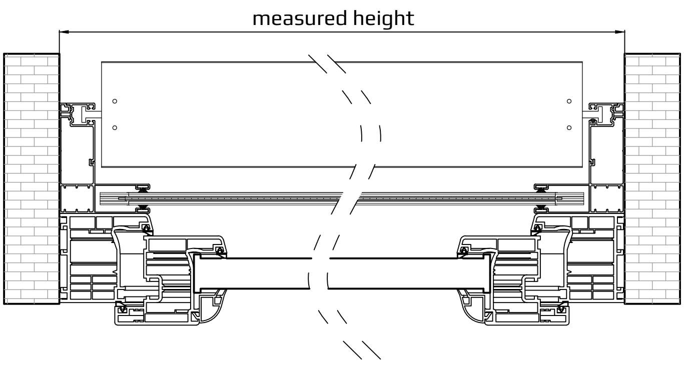


1. Box side cover (180-205)
2. SKEF guide channel
3. SKEF guide channel adaptor
4. Curtain
5. Extruded facade box (inspection flap)
6. Extruded facade box

SKEF

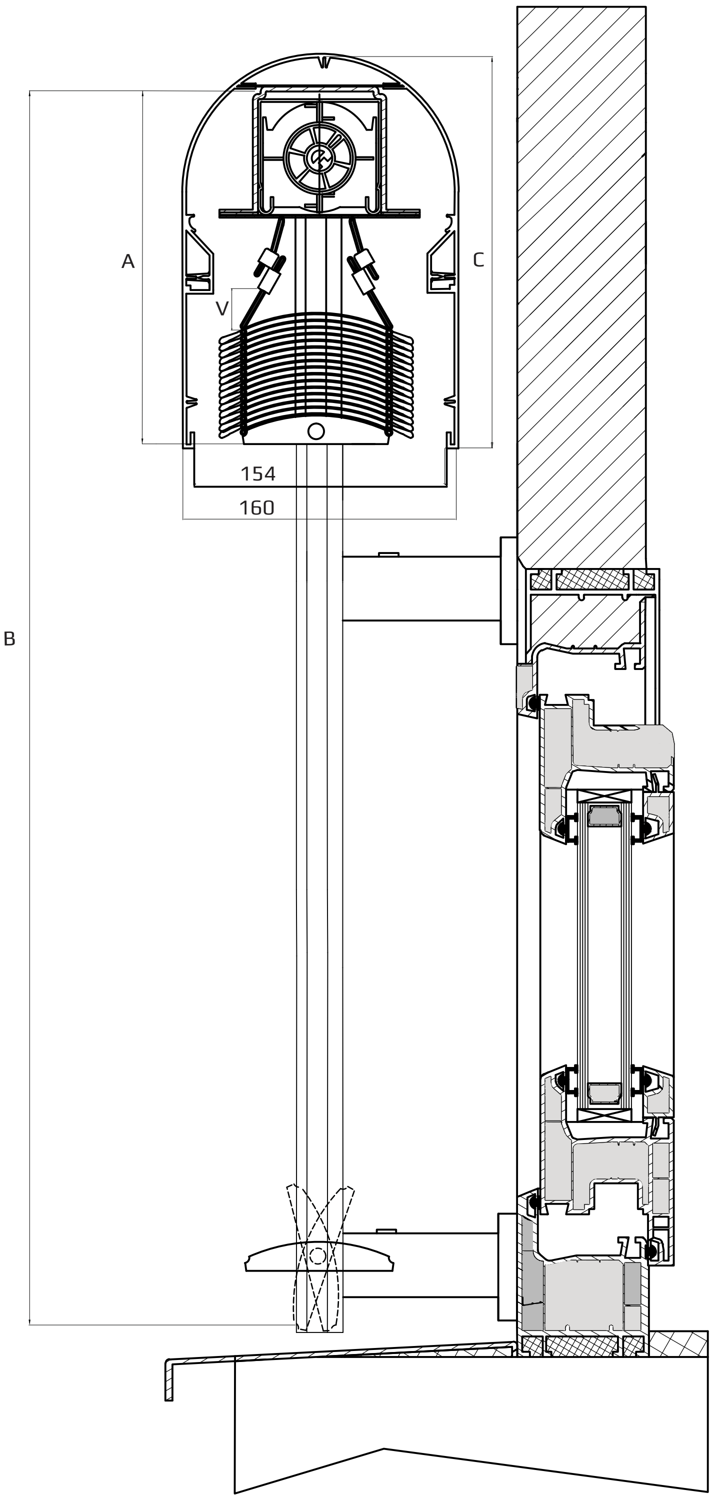


SKEF + MKT



Note – MKS PT and MKS NT guide channels can also be used with SKEF venetian blinds system

OVAL SYSTEM

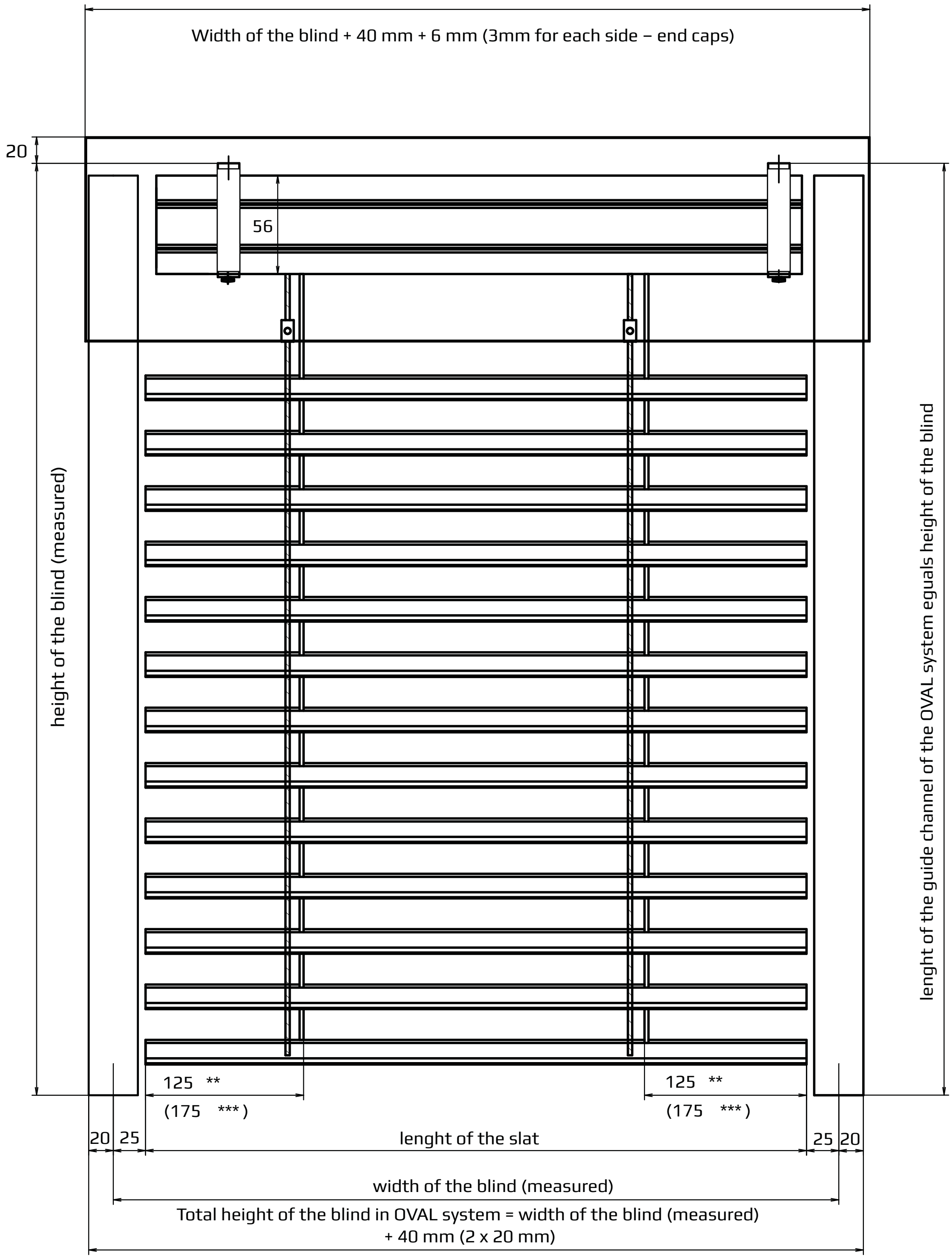


A - Height of the package 220/280 mm
B - Total height of the blind
C - Height of the box 240 / 300 mm C- A = 20 mm
V - Distance from first slat, depending on a blind's height

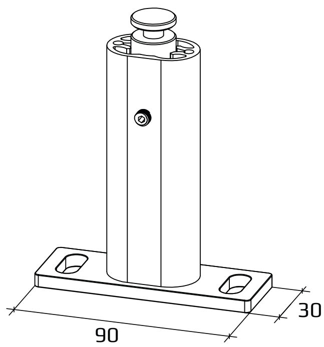
Max. width	Max. height	Max. surface (manual)	Max. surface (motor)	Max. width of connected blinds (manual)*	Max. number of tilters on one side from the motor	Max. number of connected blinds (one motor)
3500 mm	4000 mm	is not produced	11 m²	8000 mm	5 pcs	3 pcs

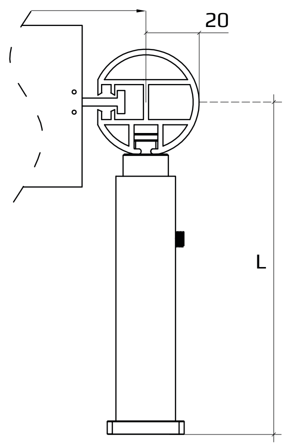
* Each blind must have two separate guide channels

OVAL SYSTEM



TYP OV





**** 125 cm – width of the blind up to 100 cm**
***** 175 cm – width of the blind from 100 to 400 cm**

Quantity of guide channel brackets

blind height	quantity
500 - 1499	2
1500 - 2499	3
2500 - 3399	4
3400 - 4000	5

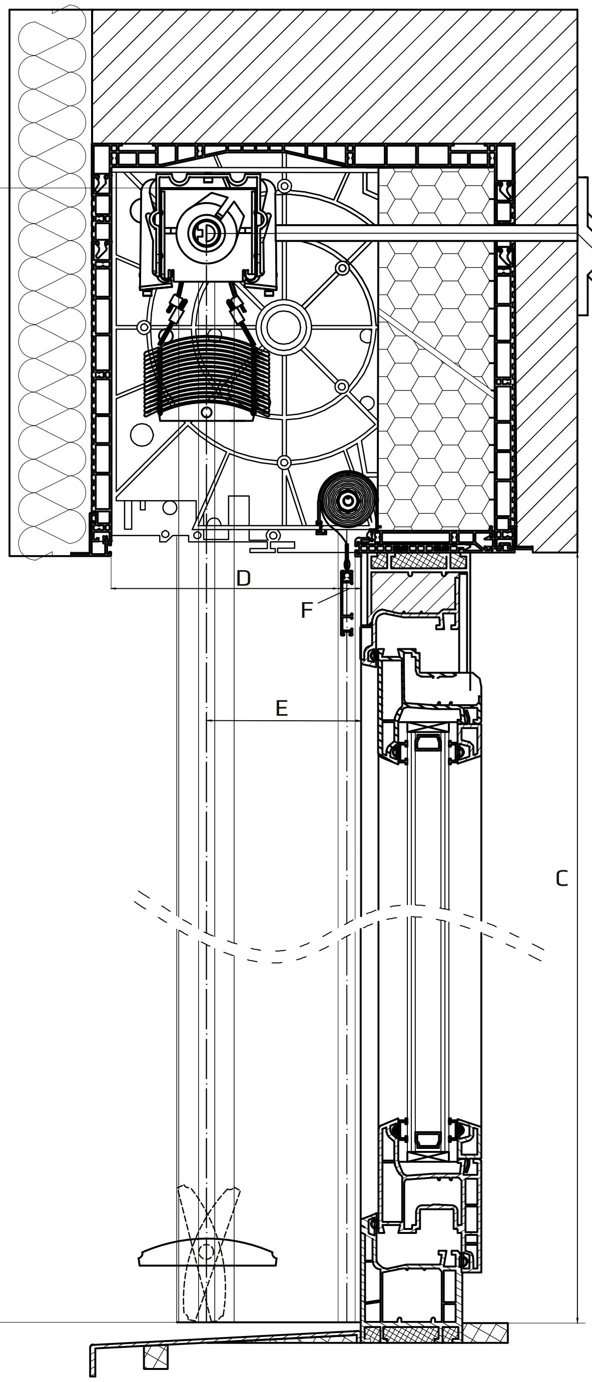
Console OV

type	L size
A-OV	50 - 200mm
B-OV	201 - 300 mm

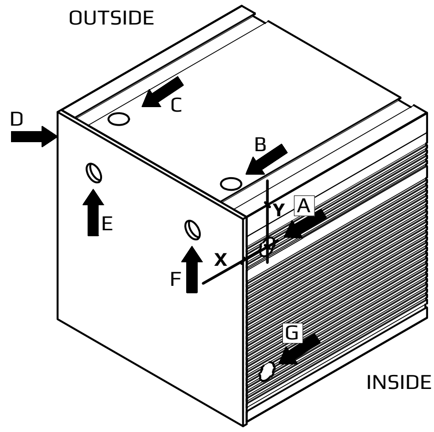
Note:
Size L (for A-OV and B-OV)
is produced according to the customer's needs

WINDOW INTEGRATED EXTERNAL VENETIAN BLIND SYSTEM – CLEVERBOX

CleverBox – cross-section



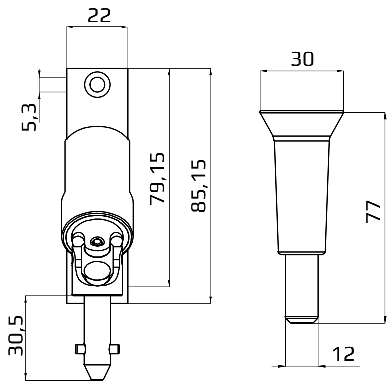
B = Total height of the blind
C = Height of the window
D = 128 mm
E = Range of a guide channel bracket 50-80 mm
(depends on CleverBox system)
F = Guide channel PG01 for mosquito screen – 19 mm
K = Crank lenght



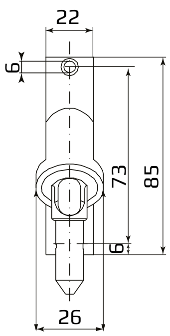
MANUAL CONTROL EXIT:
Pos. A
X= min. 35mm
Y= 35-100mm

MOTOR CABLE EXIT:
Pos. A,B,C,D,E,F,G

Crank KDZ



KS 90⁰



CleverBox

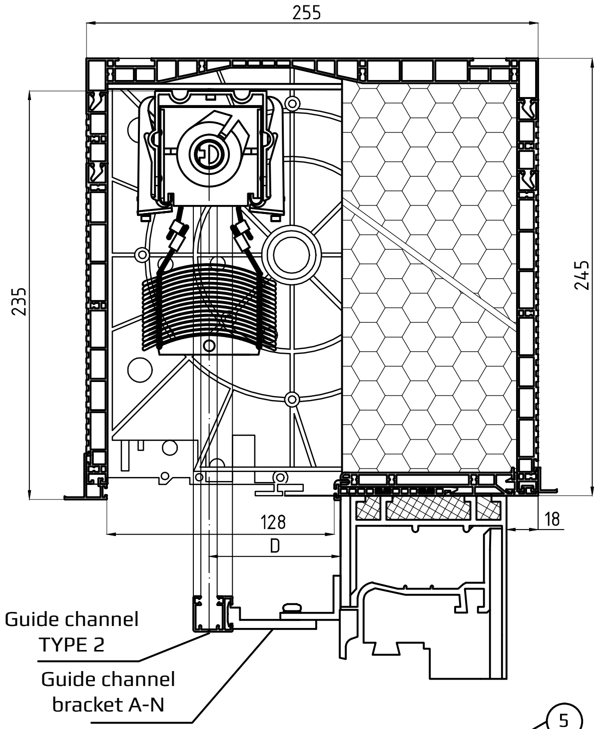
min. width (manual)		min. width (motor)		Max. width		Max height*	Max. surface									Max. quantity of connected blinds
							motor				manual				connected blinds	
TYP 2 PT	PG 10	TYP 2 PT	PG 10	C-80, Z-90	C-80F/C-60F		C-80	C-80 F	C-60 F	Z-90	C-80	C-80 F	C-60 F	Z-90		
430 mm	500 mm	550 mm	620 mm	4000 mm	3000 mm	4000 mm	16 m²	12 m²	12 m²	16 m²	9 m²	9 m²	9 m²	9 m²	18 m²	2 pcs

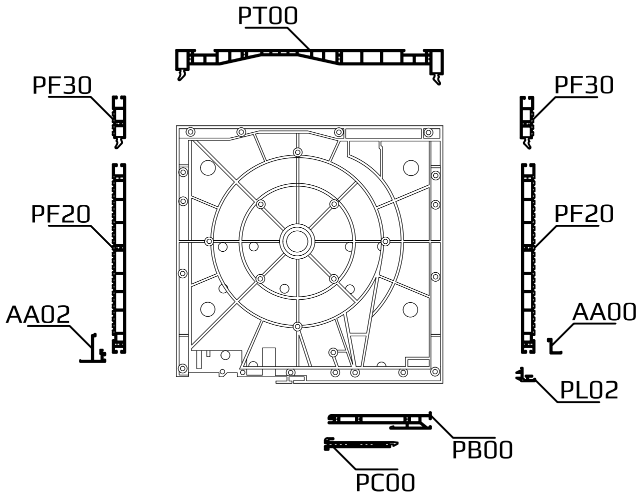
* Check the package size charts

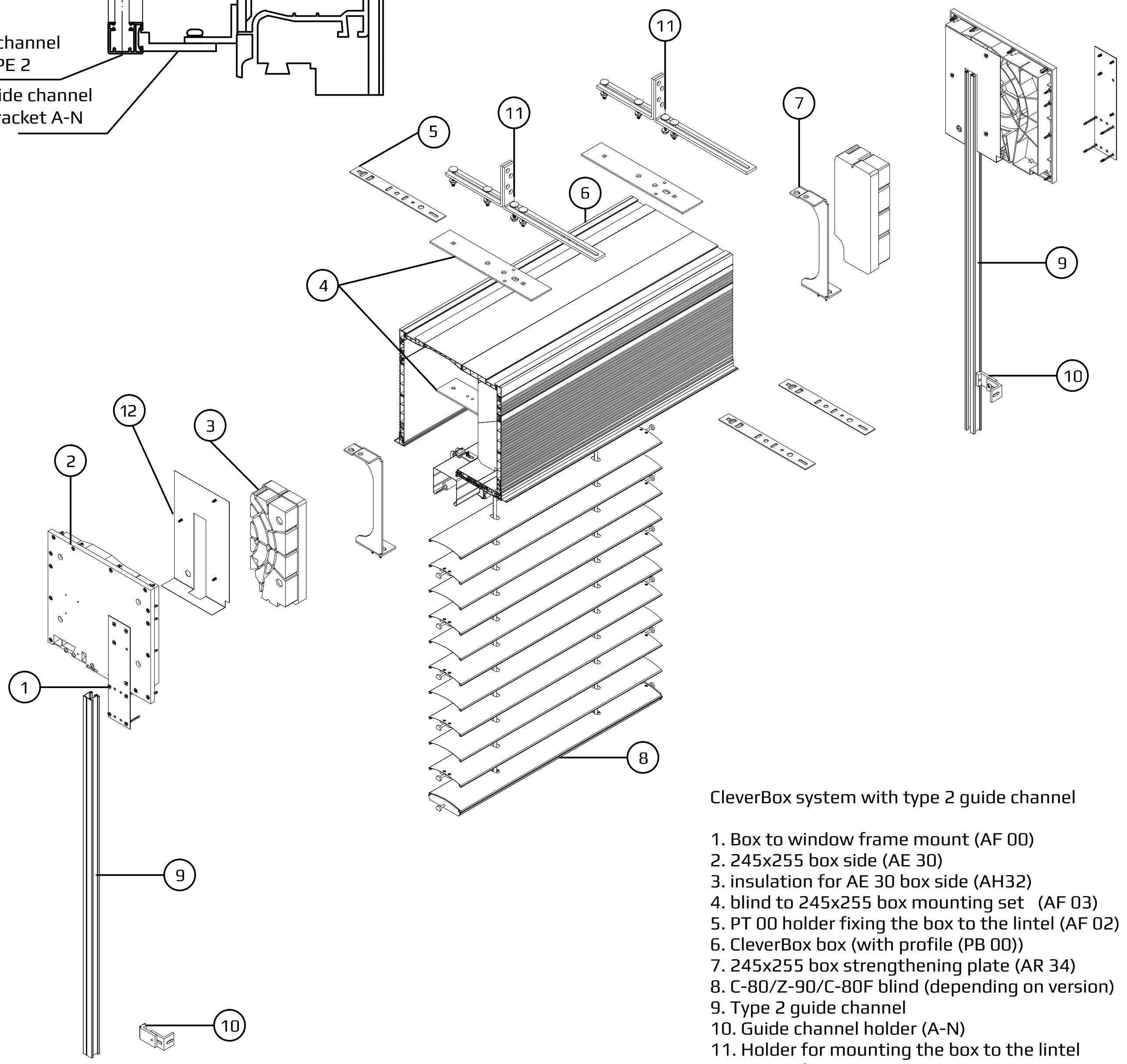
Heights of windows for slat packages C-80, C-80F, C-60F and Z-90 for CleverBox

BOX	Height for blind's package insde CleverBox	C-80F/C-60F		C-80		Z-90	
		ARET 2		ARET 2		ARET 2	
		motor	manual	motor	manual	motor	manual
CleverBox	227	3520	3770	1270	1520	2020	2270

CleverBox with guide channel TYPE2



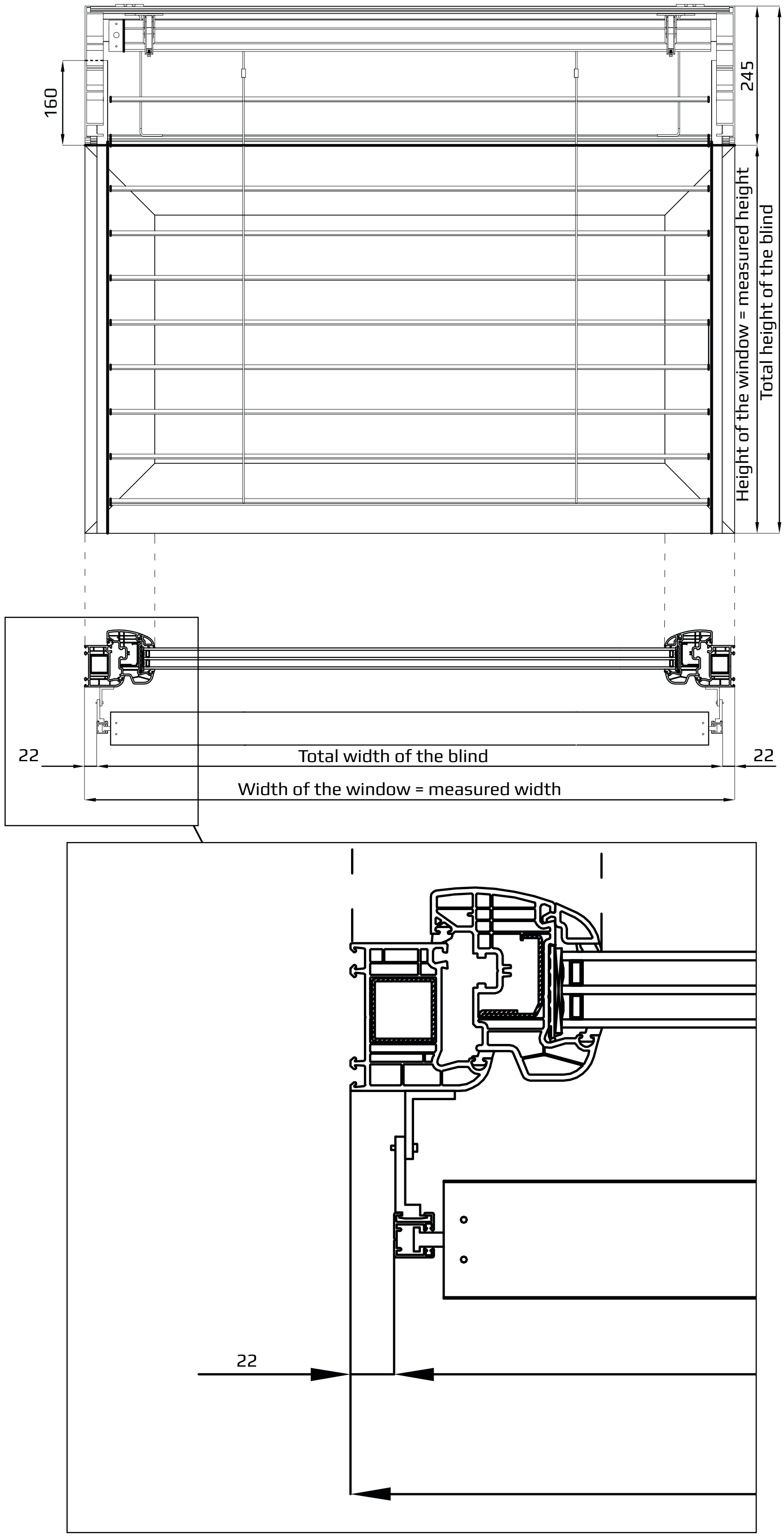




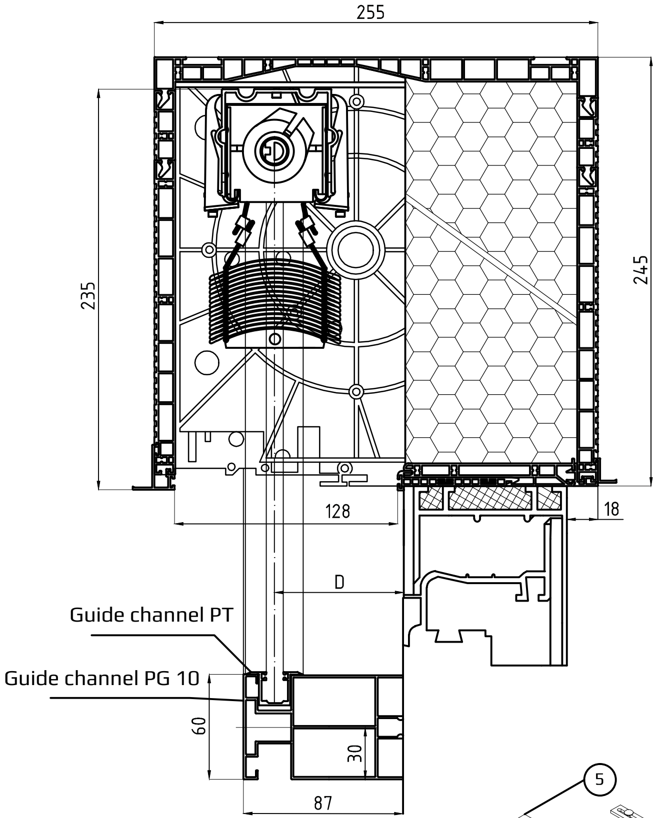
CleverBox system with type 2 guide channel

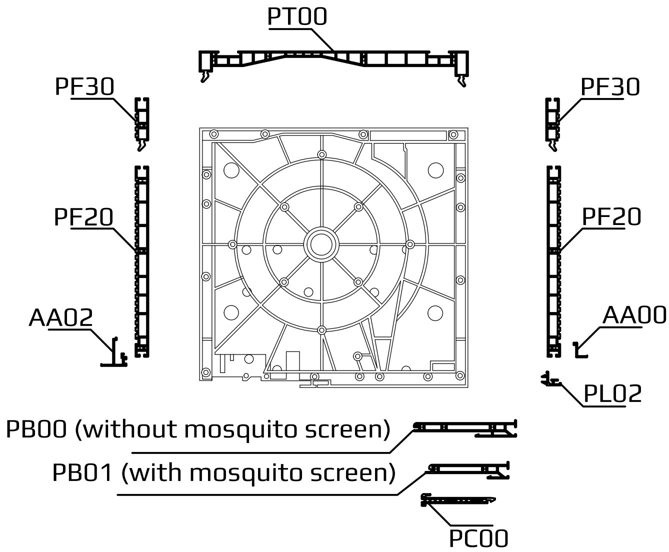
1. Box to window frame mount (AF 00)
2. 245x255 box side (AE 30)
3. insulation for AE 30 box side (AH32)
4. blind to 245x255 box mounting set (AF 03)
5. PT 00 holder fixing the box to the lintel (AF 02)
6. CleverBox box (with profile (PB 00))
7. 245x255 box strengthening plate (AR 34)
8. C-80/Z-90/C-80F blind (depending on version)
9. Type 2 guide channel
10. Guide channel holder (A-N)
11. Holder for mounting the box to the lintel
12. Cover plate

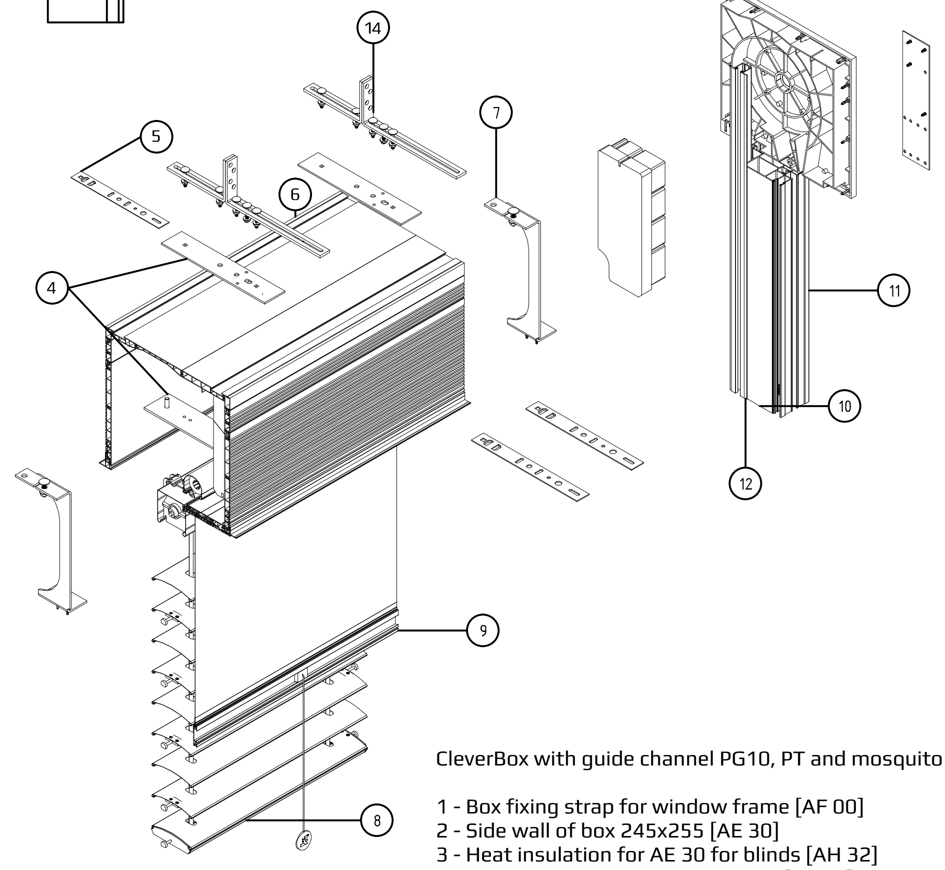
How to measure - CleverBox with guide channel TYPE 2

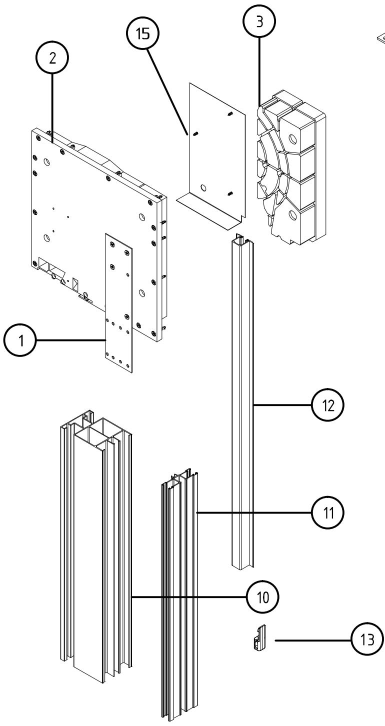


CleverBox with guide channel PG10 + PT and mosquito screen





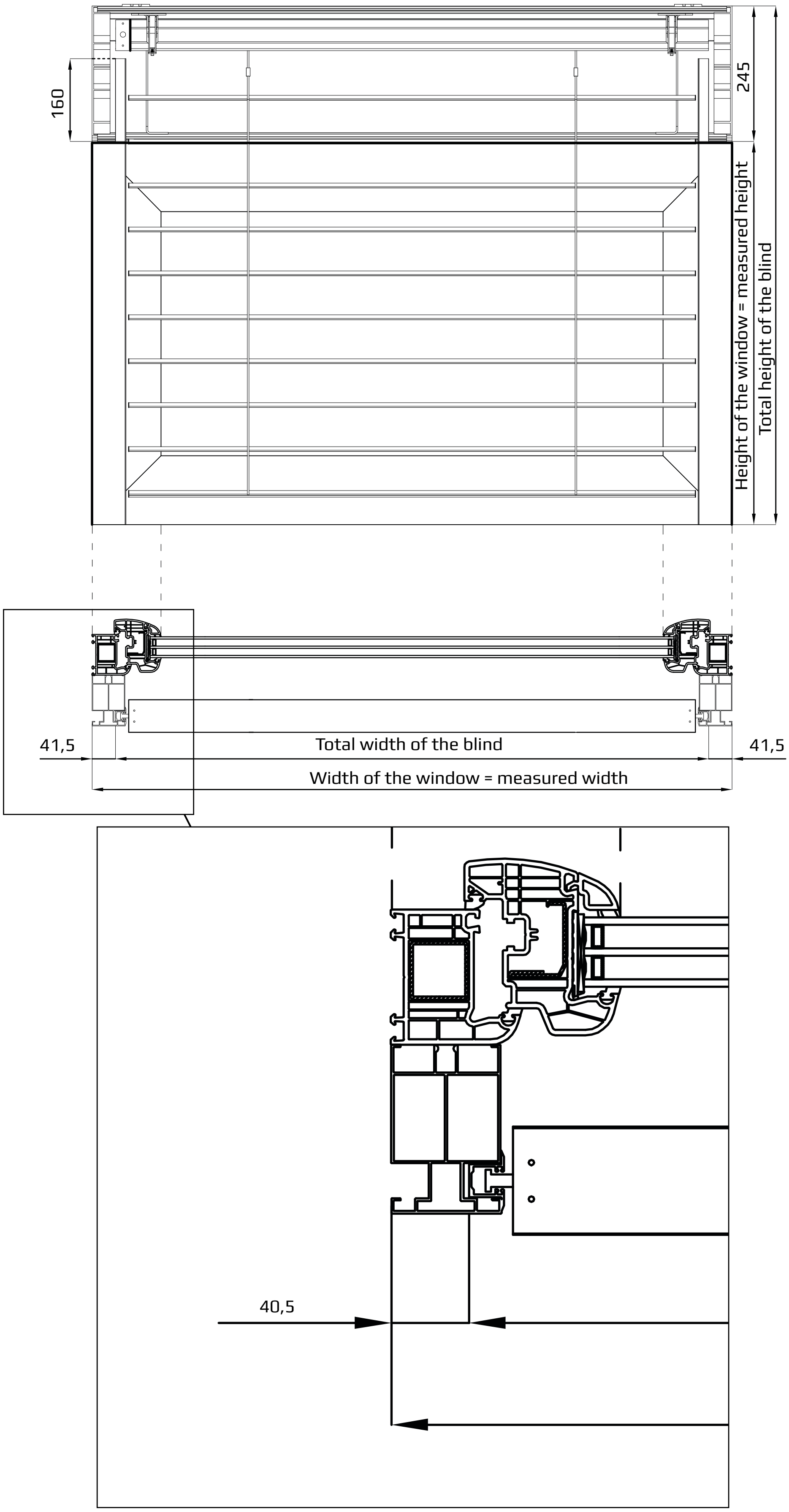




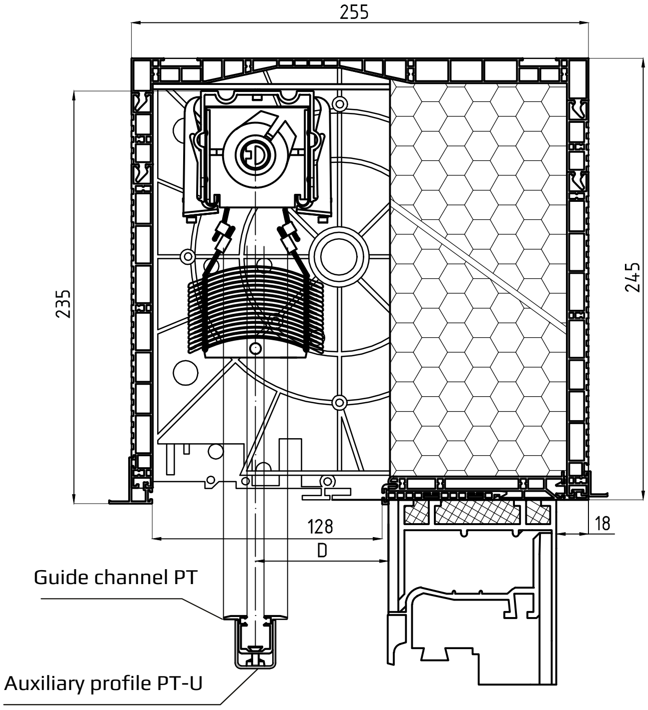
CleverBox with guide channel PG10, PT and mosquito screen

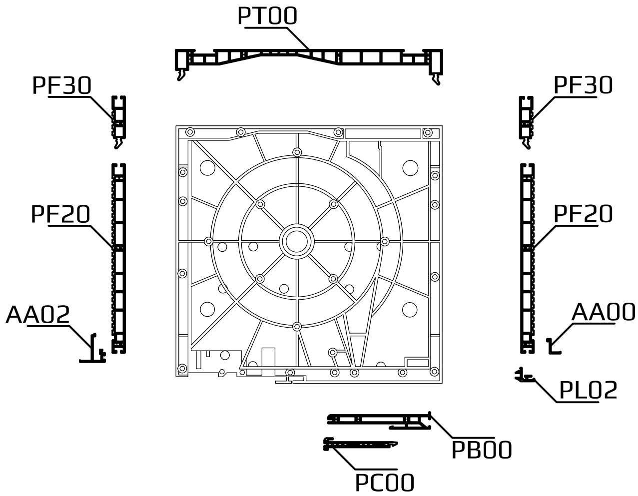
1 - Box fixing strap for window frame [AF 00]
2 - Side wall of box 245x255 [AE 30]
3 - Heat insulation for AE 30 for blinds [AH 32]
4 - Blinds fixing set for box 245x255 [AF 03]
5 - Anchor for PT 00 fixing box to the linte [AF 02]
6 - CleverBox (with profile [PB 01])
7 - Reinforcement console for box 245x255 for blinds [AR 34]
8 - Blind C-80/Z-90/C80F (depends on version)
9 - Mosquito screen
10 - Guide channel [PG 10]
11 - Guide channel for mosquito screen [PG 01]
12 - Guide channel [PT]
13 - Block for mosquito in guide channel
14. Holder for mounting the box to the lintel
15. Cover plate

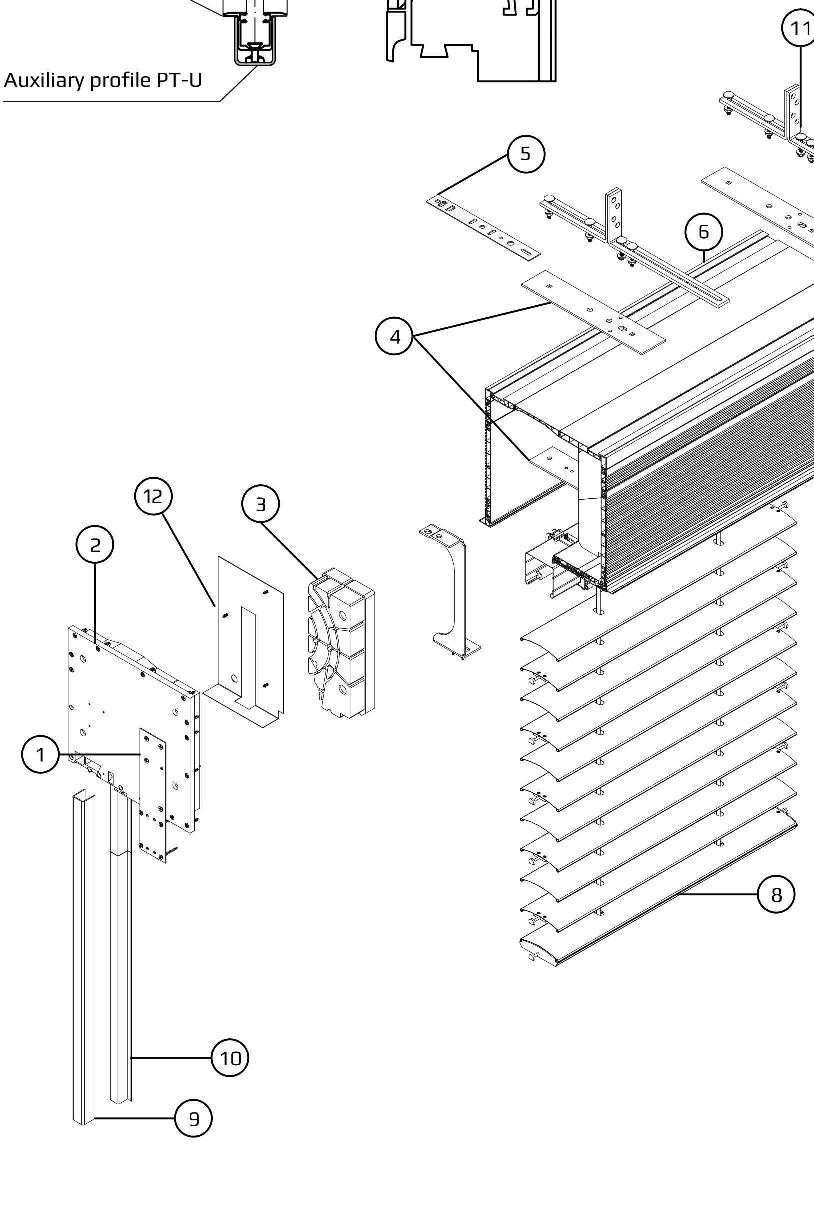
How to measure - CleverBox with guide channel PG10 + PT and mosquito screen

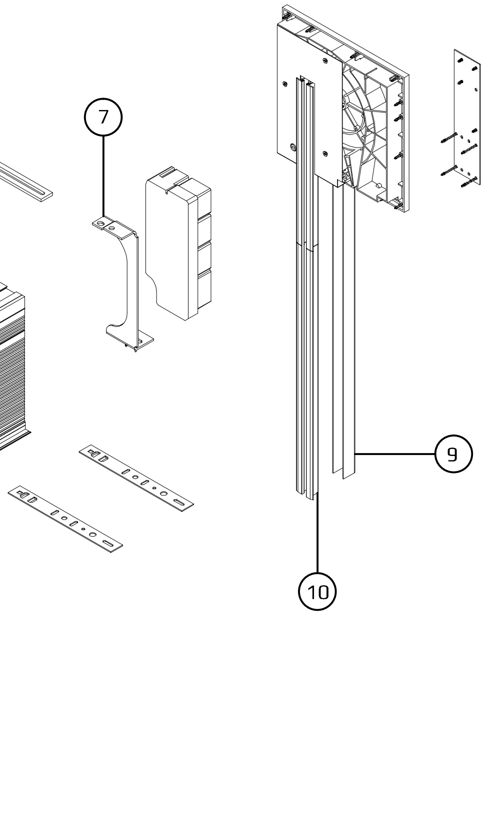


CleverBox with flush mounted guide channel PT





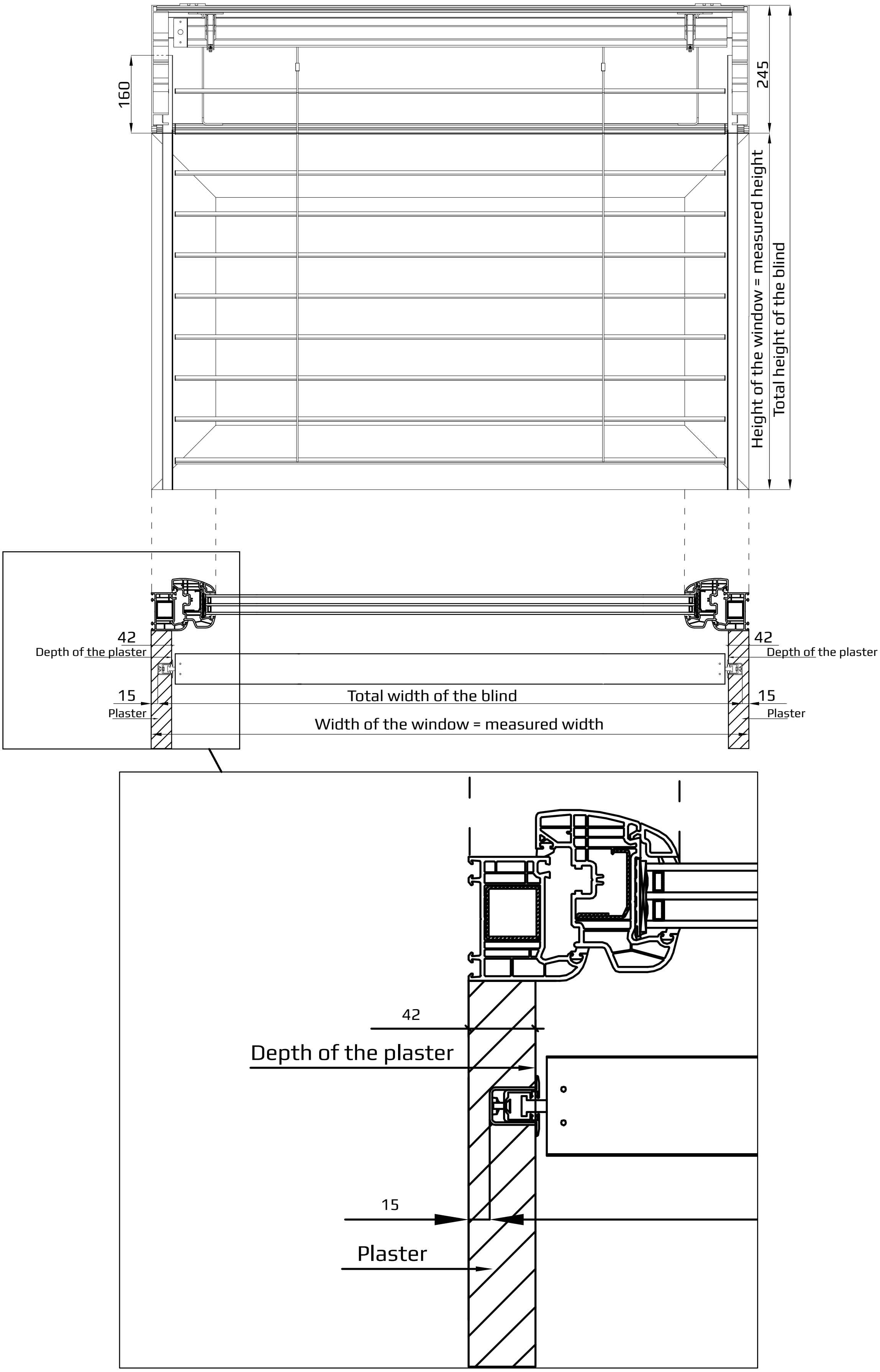




CleverBox system with PT guide channel

1. Box to window frame mount (AF 00)
2. 245x255 box side (AE 30)
3. insulation for AE 30 box side (AH32)
4. blind to 245x255 box mounting set (AF 03)
5. PT 00 holder fixing the box to the lintel (AF 02)
6. CleverBox box (with profile (PB 00))
7. 245x255 box strengthening plate (AR 34)
8. C-80/Z-90/C-80F blind (depending on version)
9. Auxilary profile (PT-U)
10. PT guide channel
11. Holder for mounting the box to the lintel
12. Cover plate

How to measure - CleverBox with under plaster guide channel PT



1984 Est.
QUALITY
GUARANTEE

EXTERNAL VENETIAN BLINDS

SIERANT

BLIND SYSTEMS

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