

Vionaro V8. Slim Drawer System.



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The Vionaro V8 Slim Drawer System features an 8-millimetre, minimalist design whose slender elegance makes it possible for the first time to fit kitchen, bathroom, office and living room furniture with the same movement system.



A drawer that's
as slim as a pencil.



G*GRASS®

With a branded product, you know what you're getting. That's where GRASS is the best example. Our premium-quality movement systems combine technological advance, comfortable functionality, top quality and precision through to the smallest detail.

grass.eu

Vionaro V8.

The future of the drawer in eight millimetres.

Is it possible to develop a drawer that's as slim as a pencil? Yes, it is!

Until recently, the very idea of reducing a drawer side to 8 mm and making industrial production commercially viable would have been unthinkable. With Vionaro V8, this vision has now become reality.

VIONARO V8 ECHOES THE WORK OF AN EXPERIENCED ZEN MASTER. THE MINIMALIST DESIGN DRAWER SIDES SEEM TO EMBODY THE PURSUIT OF "NOTHINGNESS". THE NEW SLIM DRAWER SYSTEM EMPHASISES THE AIM OF GRASS TO CREATE BRAND QUALITY WITH MASTERLY PERFECTION IN THE SENSE OF THE ZEN TEACHINGS THAT ARE THOUSANDS OF YEARS OLD.



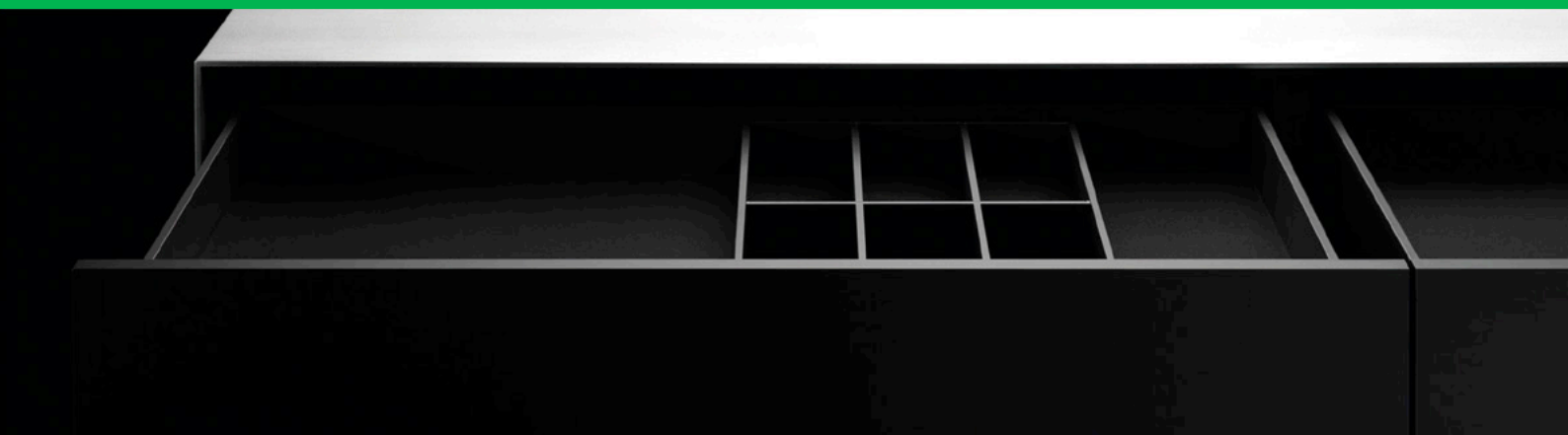
Underneath the Vionaro V8 drawer lies a slide system that has already been proven millions of times over: Dynapro ensures excellent running characteristics, precision movement and high stability. It ranks among the most successful concealed slides worldwide.

"Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away."

Antoine de Saint-Exupéry

Vionaro V8 Slim Drawer System

Vionaro V8 features an 8-millimetre, minimalist drawer design that dispenses with the superfluous. As well as a timeless aesthetic, V8 offers above all outstanding motion design, sustainably coated, novel surfaces, maximum storage space and minimum complexity of parts along with the resource-efficient use of materials.



The magic of simplicity.

By dispensing with the superfluous, Vionaro V8 gains a breathtaking simplicity. Its clear, monolithic form will outlast time and trends. In this respect, Vionaro V8 has everything a design classic should offer. In addition, V8 makes it possible for the first time to fit kitchen, bathroom, office and living room furniture with the same movement system. The new Slim Drawer System provides the connecting link between areas of the home.

Timeless elegance means there's nothing left to take away.

With V8, the drawer accomplishes a kind of metamorphosis from functional component to design element inside the cabinet. No matter whether it's with the 72 mm, 89 mm, 122 mm, 200 mm or 250 mm drawer side height, or the harmoniously proportioned glass drawer – the tranquil elegance of Vionaro V8 derives from a patented transmission of forces between back panel and furniture front that does away with the need for obtrusive grooves, frames or brackets.

The world's only 8-millimetre one-piece steel drawer side with no plastic elements.

The new drawer system is entirely without plastic. The Slim Drawer System doesn't merely offer the only 8-millimetre one-piece steel drawer side in the world – Vionaro V8 is also the first pure-metal drawer side. All parts are made of steel and joined using cutting-edge laser welding technology. That creates maximum stability plus longevity and ensures an almost 100 per cent recycling rate.

Those who place the emphasis on design in furniture will truly enjoy Vionaro V8...

8 millimetres that change the furniture world.

In many respects, Vionaro V8 leads the way and sets new benchmarks. The 8 mm drawer has long been the first true innovation in furniture making and guarantees maximum brand recognition. Sales people and consumers will be equally fascinated by Vionaro V8. Because the Slim Drawer System is surprisingly different and immediately catches the eye. Its exceptional look gives every piece of furniture a WOW factor.



18

Less is more.

More compact, slimmer, lighter – the trend towards increasingly more efficient product solutions is more relevant than ever. The design principle of “reducing to the max” has seldom been so consistently applied than with Vionaro V8. The Slim Drawer System marks the beginning of a new age in drawers.

Load capability is not a question of build.

Despite its slim build, Vionaro V8 is nonetheless a force to be reckoned with. The fact that the extremely slim and elegant V8 drawer is able to transform the huge forces created when opening and closing high-front drawers into a smooth glide is the distinguishing feature of Vionaro V8. The Slim Drawer System ensures maximum stability even with fronts of up to 780 mm in height.

The slim 8-millimetre front panels of the Vionaro V8 inset drawer round off the look of the monolithic drawer sides. A particularly harmonious solution is achieved with the new glass inset panel, which ensures that the proportions of the glass drawer continue through to the drawer front.

V8

Vionaro V8 follows an uncompromisingly dogmatic design line: sides, back and inset panels – all elements are exactly 8 millimetres thick and meld into one harmonious total work of art.



Vionaro V8. Colours and surfaces.

ZIRCON [standard]

Dark, warm surfaces reflect the zeitgeist. And they convey a sense of comfort. Zircon is also an extremely unobtrusive colour that leaves more space for other details. The mineral quality and the subtly shimmering, matt surface will fascinate you.



Standard

Our goal was to create a unique palette of novel effect surfaces that enable what we refer to as sustainable motion design to become reality. The harmonious interplay of form, function, aesthetic effect and sustainability.

STONE [standard]

Stone, as the symbol of eternity, as a statement of timelessness, as a natural force that seems to withstand all external influences, provided the inspiration for the name of this very popular colour.

ICE [standard]

The natural purity of ice and snow, their unique way of reflecting light and their fine surface structure all inspired us to create the colour ICE. This elegant colour neutralises, creates clarity and enlivens.

PLATINUM
[extended range]

Specialty

NERO
[extended range]

Sustainable surfaces for the drawers of tomorrow.

From shimmering metallic Platinum to cosy warm Cocoa – the unique effect surfaces make the world more colourful and open up new possibilities in furniture styling. This is all the more important because drawers have long become emotional and individual design components that are increasingly oriented towards the style and aesthetics of the cabinet they bring to life.

COCOA
[extended range]

Vionaro V8 and the new specialty surface Platinum harmonise in a very particular way. The subtly shimmering metallic quality of the coating gives the slim drawer sides a timeless elegance.



It goes without saying that all GRASS surfaces also fulfil a protective function, that they are hard-wearing, scratch-proof and resilient to household chemicals. Our surfaces are continuously optimised and tested far beyond industry standards. That's something you can rely on.

Masterly perfection in 8 millimetres.

V8

No matter whether it's a regular or high-front drawer or V8 Crystal with glass inlay, the modern V8 inset panels perfectly assimilate the design language and form one harmonious whole.

Branding Clip.

G*GRASS®

The centred position of the branding clip gives V8 its unmistakable character. Fitted flush in the drawer side, it becomes an integral part of this branded product and can be chosen to match the colour of the drawer or as a deliberate contrast.

Vionaro V8

Slim Drawer System.

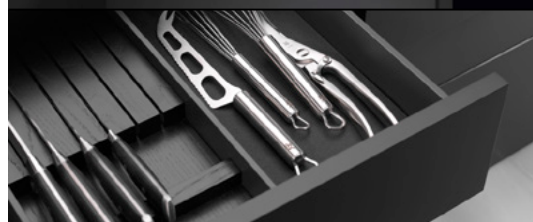
One system for all living spaces: Vionaro V8 is the perfect solution for kitchen, bathroom and living room furniture. This system is sustainably produced and meets all the requirements of cutting-edge manufacturing technologies.



Vionaro V8

11

The world's most cutting-edge drawer system offers not only high aesthetic appeal but also a wealth of styling options.



Dividing and organising systems

77

Organising, dividing, fitting out – useful aids for organising storage space.



Opening systems

89

Sensomatic, the electro-mechanical opening system for drawers and pot drawers.



Assembly technology

109

Installation and assembly aids. Track-proven, tried and tested technology for professional efficiency.

**8 millimetres
of timeless elegance.**



The Vionaro V8 Slim Drawer System is available in five drawer side heights: from the cooker plinth drawer to the 250 mm drawer. The slim 8 mm drawer side design is complemented by an elegant frame solution that provides space for generously proportioned inlays and entirely dispenses with front and back panel clips.

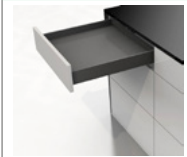
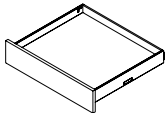
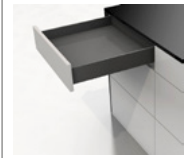
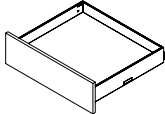
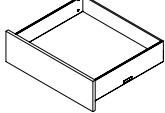
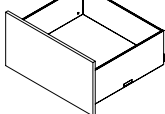
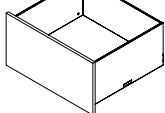
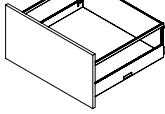
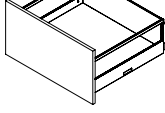
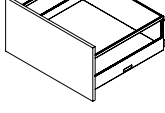
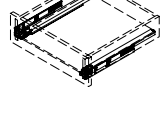
V8



Vionaro V8

Slim Drawer System.

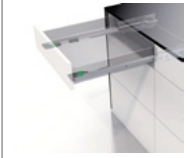
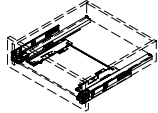
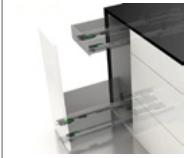
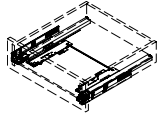
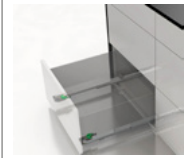
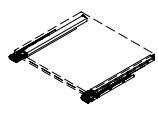
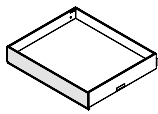
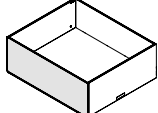
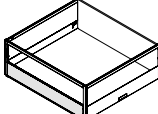
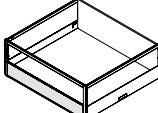
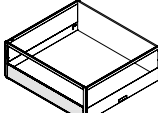
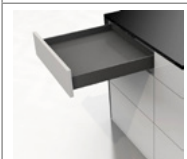
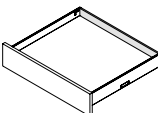
The comprehensive range offers everything that a modern drawer system has to provide and gives the furniture designer almost limitless styling possibilities.

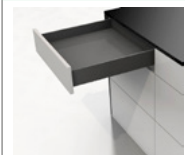
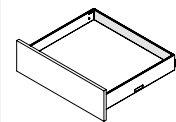
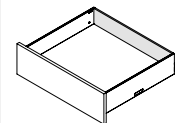
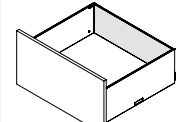
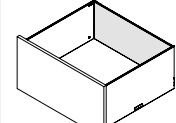
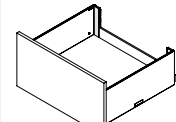
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	Vionaro V8 Drawer H89 • The practical standard drawer for every application • Slim 8-mm drawer design • No plastic parts, 100% recyclable		16
	Vionaro V8 Drawer H121 • Elegant intermediate height for special applications • Slim 8-mm drawer design • No plastic parts, 100% recyclable		18
	Vionaro V8 Pot drawer H200 • High, closed drawer side • Slim 8-mm drawer design • No plastic parts, 100% recyclable		20
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Vionaro V8

Slim Drawer System.

The comprehensive range offers everything that a modern drawer system has to provide and gives the furniture designer almost limitless styling possibilities.

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VIONARO V8

Drawer H72



- Shallow drawer to accommodate low available height
- Slim 8-mm drawer design
- No plastic parts, 100% recyclable
- Same front connection as H89 and H121
- Sturdy construction and high degree of stability
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space

- Tool-free front assembly and removal
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Drawer sides H72 Ice Piece 				
NL	Left	Right		
	Ice	Ice		
400	F138137053	F138137054		
450	F138137056	F138137057		
500	F138137059	F138137060		
550	F138137062	F138137063		

1 Vionaro V8 Drawer sides H72 Stone Piece 				
NL	Left	Right		
	Stone	Stone		
400	F138136999	F138137000		
450	F138137002	F138137003		
500	F138137005	F138137006		
550	F138137008	F138137009		

1 Vionaro V8 Drawer sides H72 Zircon Piece 				
NL	Left	Right		
	Zircon	Zircon		
400	F138137080	F138137081		
450	F138137083	F138137084		
500	F138137086	F138137087		
550	F138137089	F138137090		

1D depth adjustment for 2D front locking device 			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959
Dynapro slides page 30 			

2 Vionaro V8 Branding clip Piece: Left or right 			
Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

3 Vionaro V8 Front holder Piece: Left or right 		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

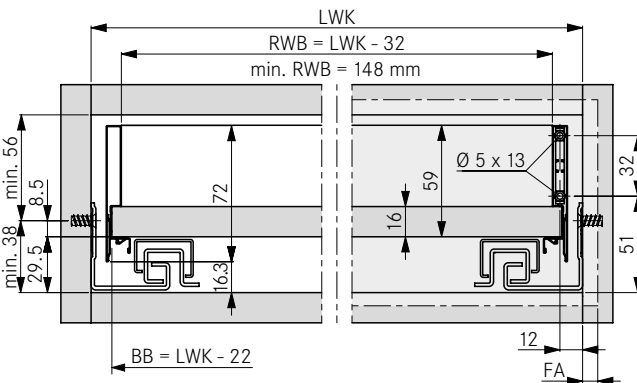
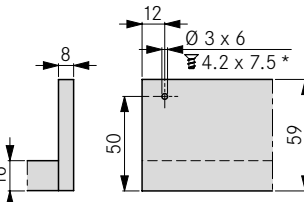
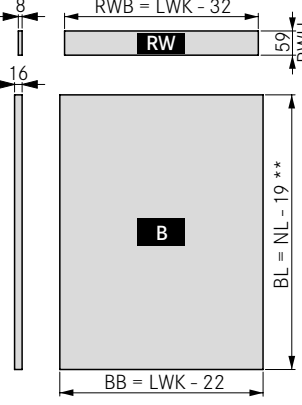
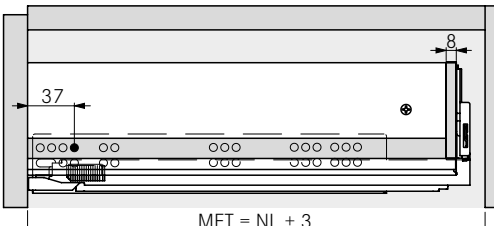
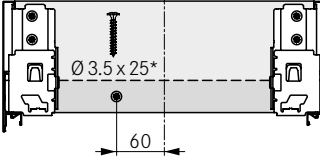
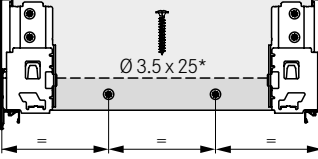
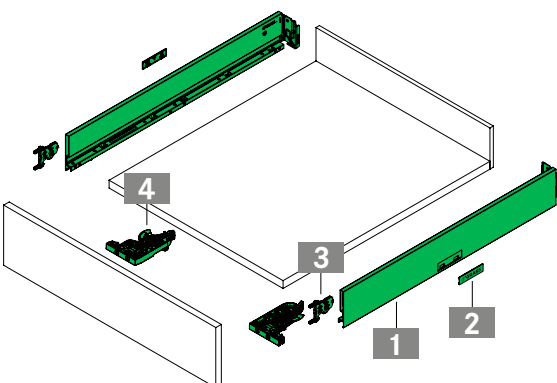
4 Front locking device 2D Piece 			
Adjustable	Left	Right	
2D	F138141366	F138141367	

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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
	 * 16-mm back panel: Chipboard screw 3.5 x 15 mm	 ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth	Back panel screw fitting (KB < 700)	Back panel screw fitting (KB ≥ 700)
	 * 16-mm back panel: 3.5 x 35 mm	 * 16-mm back panel: 3.5 x 35 mm
Exploded Drawing		

LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FA	Front overlay

KB	Cabinet width
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length

RW	Back panel
RWB	Back panel width
RWH	Back panel height

VIONARO V8

Drawer H89



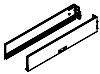
- The practical standard drawer for every application
- Slim 8-mm drawer design
- No plastic parts, 100% recyclable
- Same front connection as H72 and H121
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability

- Tool-free front assembly and removal
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Drawer sides H89 Ice Piece 				
NL	Ice Left	Ice Right		
270	F138137179	F138137180		
300	F138137182	F138137183		
350	F138137185	F138137186		
400	F138137188	F138137189		
450	F138137191	F138137192		
500	F138137194	F138137195		
550	F138137197	F138137198		
600	F138137200	F138137201		
650	F138137203	F138137204		

1 Vionaro V8 Drawer sides H89 Stone Piece 				
NL	Stone Left	Stone Right		
270	F138137125	F138137126		
300	F138137128	F138137129		
350	F138137131	F138137132		
400	F138137134	F138137135		
450	F138137137	F138137138		
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550	F138137143	F138137144		
600	F138137146	F138137147		
650	F138137149	F138137150		

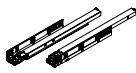
1 Vionaro V8 Drawer sides H89 Zircon Piece 				
NL	Zircon Left	Zircon Right		
270	F138140180	F138140181		
300	F138140183	F138140184		
350	F138140186	F138140187		
400	F138140189	F138140190		
450	F138140192	F138140193		
500	F138140195	F138140196		
550	F138140198	F138140199		
600	F138140201	F138140202		
650	F138140204	F138140205		

3 Vionaro V8 Front holder Piece: Left or right 		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

4 Front locking device 2D Piece 			
Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device 			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

2 Vionaro V8 Branding clip Piece: Left or right 			
Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

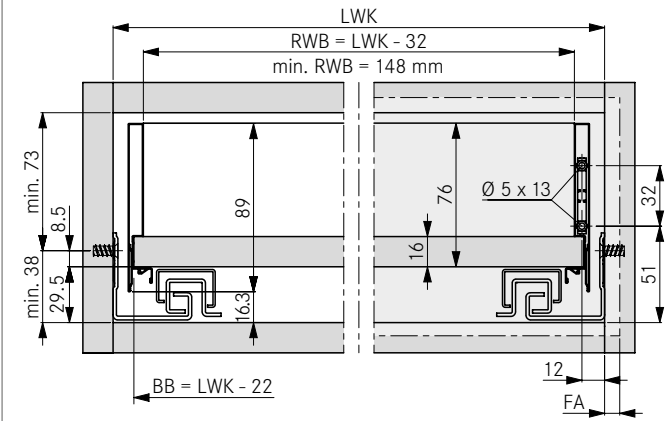
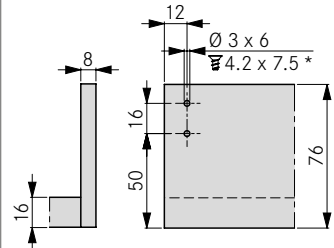
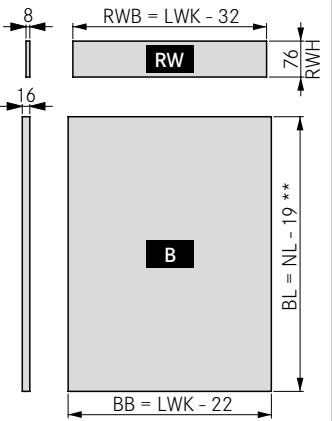
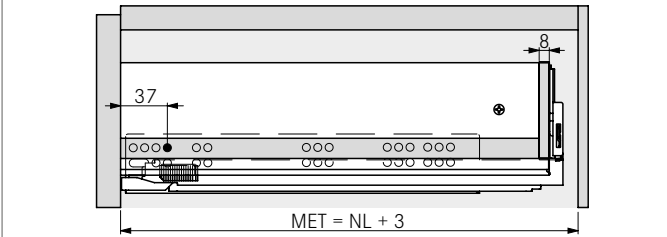
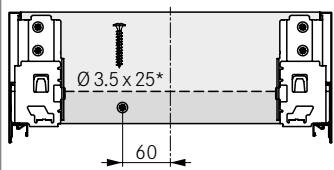
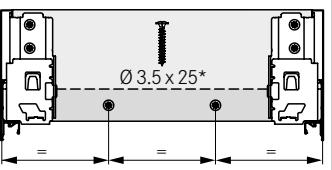
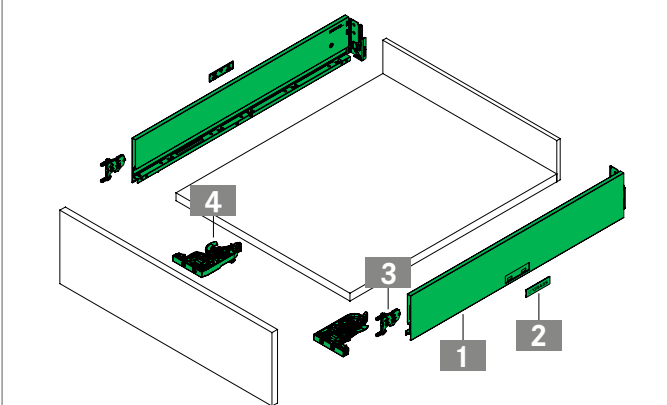
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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
	 * 16-mm back panel: Chipboard screw 3.5 x 15 mm	 ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth	Back panel screw fitting (KB < 700)	Back panel screw fitting (KB ≥ 700)
	 * 16-mm back panel: 3.5 x 35 mm	 * 16-mm back panel: 3.5 x 35 mm
Exploded Drawing		

LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FA	Front overlay

KB	Cabinet width
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length

RW	Back panel
RWB	Back panel width
RWH	Back panel height

VIONARO V8

Drawer H121



- Elegant intermediate height for special applications
- Slim 8-mm drawer design
- No plastic parts, 100% recyclable
- Same front connection as H72 and H89
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability

- Tool-free front assembly and removal
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Drawer sides H121 Ice Piece				
				
NL	Ice	Ice		
	Left	Right		
300	F138137290	F138137291		
350	F138137293	F138137294		
400	F138137296	F138137297		
450	F138137299	F138137300		
500	F138137302	F138137303		
550	F138137305	F138137306		
600	F138137308	F138137309		

1 Vionaro V8 Drawer sides H121 Stone Piece				
				
NL	Stone	Stone		
	Left	Right		
300	F138137236	F138137237		
350	F138137239	F138137240		
400	F138137242	F138137243		
450	F138137245	F138137246		
500	F138137248	F138137249		
550	F138137251	F138137252		
600	F138137254	F138137255		

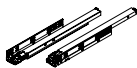
1 Vionaro V8 Drawer sides H121 Zircon Piece				
				
NL	Zircon	Zircon		
	Left	Right		
300	F138137317	F138137318		
350	F138137320	F138137321		
400	F138137323	F138137324		
450	F138137326	F138137327		
500	F138137329	F138137330		
550	F138137332	F138137333		
600	F138137335	F138137336		

4 Front locking device 2D Piece			
			
Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device			
			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

2 Vionaro V8 Branding clip Piece: Left or right			
			
Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

3 Vionaro V8 Front holder Piece: Left or right		
		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
	* 16-mm back panel: Chipboard screw 3.5 x 15 mm	** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth	Back panel screw fitting (KB < 700)	Back panel screw fitting (KB ≥ 700)
	* 16-mm back panel: 3.5 x 35 mm	* 16-mm back panel: 3.5 x 35 mm
Exploded Drawing		

LEGEND

B	Bottom panel	KB	Cabinet width	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Back panel width
BL	Bottom panel length	MET	Minimum installation depth	RWH	Back panel height
FA	Front overlay	NL	Nominal length		

VIONARO V8

Pot drawer H200



- High, closed drawer side
- Slim 8 mm drawer design
- No plastic parts, 100 % recyclable
- Same front connection as H250 and Crystal drawer side
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability

- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Drawer sides H200 Ice Piece				
NL	Ice Left	Ice Right		
270	F138137395	F138137396		
300	F138137398	F138137399		
350	F138137401	F138137402		
400	F138137404	F138137405		
450	F138137407	F138137408		
500	F138137410	F138137411		
550	F138137413	F138137414		
600	F138137416	F138137417		
650	F138137419	F138137420		

1 Vionaro V8 Drawer sides H200 Stone Piece				
NL	Stone Left	Stone Right		
270	F138137341	F138137342		
300	F138137344	F138137345		
350	F138137347	F138137348		
400	F138137350	F138137351		
450	F138137353	F138137354		
500	F138137356	F138137357		
550	F138137359	F138137360		
600	F138137362	F138137363		
650	F138137365	F138137366		

1 Vionaro V8 Drawer sides H200 Zircon Piece				
NL	Zircon Left	Zircon Right		
270	F138137422	F138137423		
300	F138137425	F138137426		
350	F138137428	F138137429		
400	F138137431	F138137432		
450	F138137434	F138137435		
500	F138137437	F138137438		
550	F138137440	F138137441		
600	F138137443	F138137444		
650	F138137446	F138137447		

3 Vionaro V8 Front holder Piece: Left or right		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

4 Vionaro V8 Front stabiliser Piece		
Ø	Type of assembly	Art. no.
5	For expanding	F138139692

2 Vionaro V8 Branding clip Piece: Left or right			
Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

5 Front locking device 2D Piece			
Adjustable	Left	Right	
2D	F138141366	F138141367	

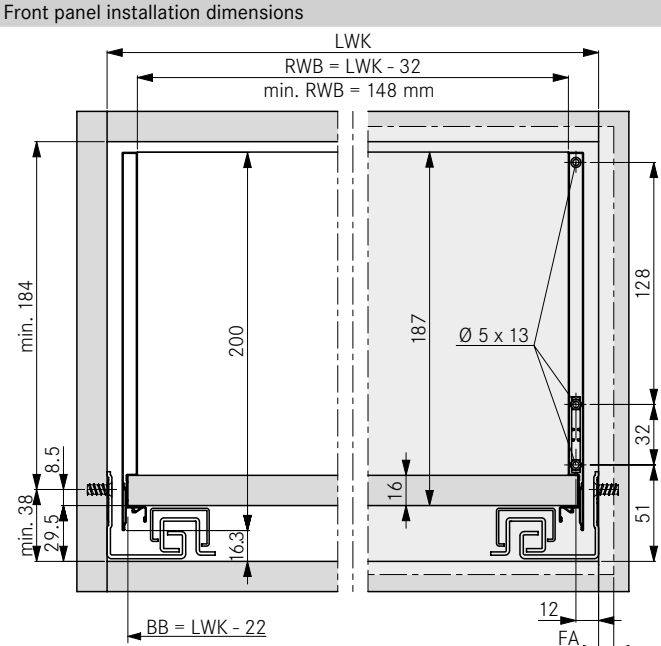
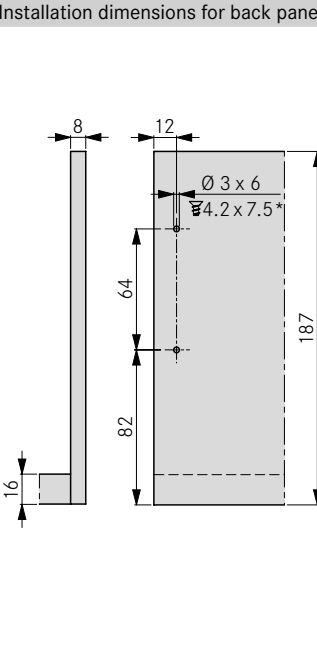
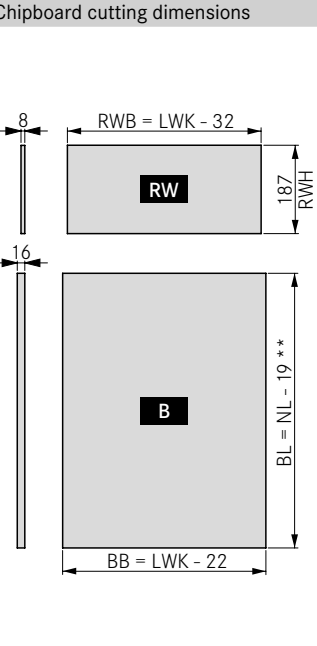
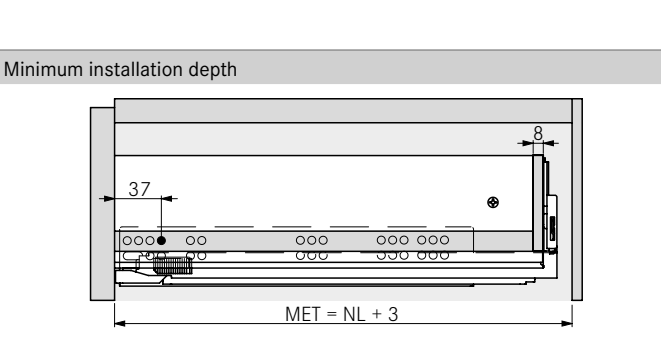
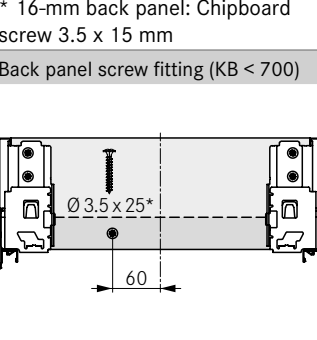
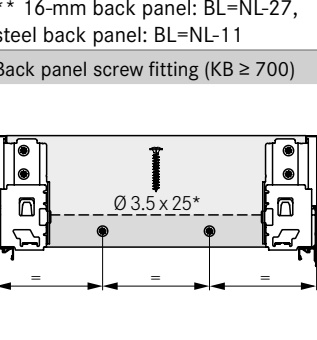
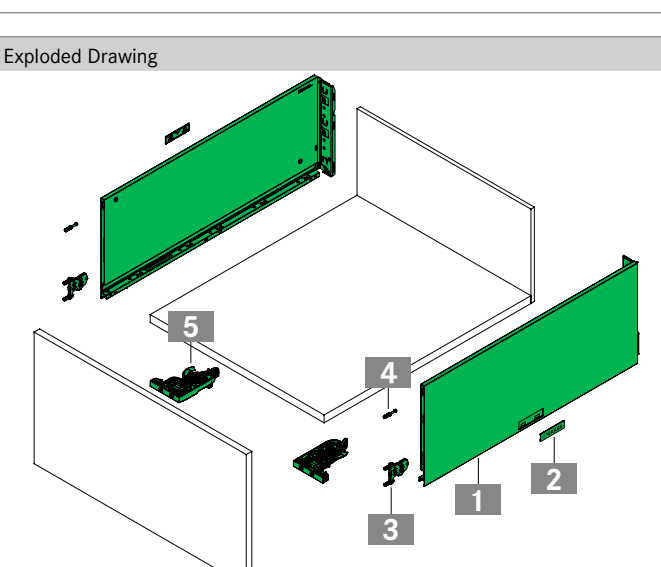
1D depth adjustment for 2D front locking device			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions  Diagram showing front panel installation dimensions. It includes two views: a side view and a top-down view. Key dimensions include: LWK (total width), RWB = LWK - 32 (internal width), min. RWB = 148 mm, min. height 184, internal height 200, bottom clearance 16.3, and BB = LWK - 22.	Installation dimensions for back panel  Diagram showing back panel installation dimensions. It includes two views: a side view and a top-down view. Key dimensions include: 8mm thickness, 12mm offset, Ø 3 x 6 hole, 4.2 x 7.5mm slot, 64mm distance, 82mm distance, 16mm offset, and 187mm height. * 16-mm back panel: Chipboard screw 3.5 x 15 mm	Chipboard cutting dimensions  Diagram showing chipboard cutting dimensions. It includes two views: a side view and a top-down view. Key dimensions include: 8mm thickness, 16mm offset, RWB = LWK - 32, 187mm height, BL = NL - 19, and BB = LWK - 22. ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth  Diagram showing minimum installation depth. It includes a side view of the unit. Key dimensions include: 37mm depth, MET = NL + 3, and 8mm offset.	Back panel screw fitting (KB < 700)  Diagram showing back panel screw fitting for KB < 700. It includes a side view of the unit. Key dimensions include: Ø 3.5 x 25* hole, 60mm distance, and 8mm offset. * 16-mm back panel: 3.5 x 35 mm	Back panel screw fitting (KB ≥ 700)  Diagram showing back panel screw fitting for KB ≥ 700. It includes a side view of the unit. Key dimensions include: Ø 3.5 x 25* hole, 60mm distance, and 8mm offset. * 16-mm back panel: 3.5 x 35 mm
Exploded Drawing  Exploded drawing showing the assembly of the unit. Components are numbered 1 through 5. Component 1 is the main body, 2 is the top panel, 3 is the bottom panel, 4 is the side panel, and 5 is the front panel.		

LEGEND

B	Bottom panel	KB	Cabinet width	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Back panel width
BL	Bottom panel length	MET	Minimum installation depth	RWH	Back panel height
FA	Front overlay	NL	Nominal length		

VIONARO V8

Pot drawer H250



- Extremely high, closed drawer side for a special furniture design
- High stability up to a front height of 780 mm
- Slim 8 mm drawer design
- No plastic parts, 100 % recyclable
- Same front connection as H200 and Crystal drawer side
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space

- Sturdy construction and high degree of stability
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Drawer sides H250 Ice Piece				
NL	Left	Right		
	Ice	Ice		
350	F138137671	F138137672		
400	F138137674	F138137675		
450	F138137677	F138137678		
500	F138137680	F138137681		
550	F138137683	F138137684		
600	F138137686	F138137687		
650	F138137689	F138137690		

1 Vionaro V8 Drawer sides H250 Stone Piece				
NL	Left	Right		
	Stone	Stone		
350	F138137617	F138137618		
400	F138137620	F138137621		
450	F138137623	F138137624		
500	F138137626	F138137627		
550	F138137629	F138137630		
600	F138137632	F138137633		
650	F138137635	F138137636		

1 Vionaro V8 Drawer sides H250 Zircon Piece				
NL	Left	Right		
	Zircon	Zircon		
350	F138137698	F138137699		
400	F138137701	F138137702		
450	F138137704	F138137705		
500	F138137707	F138137708		
550	F138137710	F138137711		
600	F138137713	F138137714		
650	F138137716	F138137717		

4 Vionaro V8 Front stabiliser Piece		
Ø	Type of assembly	Art. no.
5	For expanding	F138139692

5 Front locking device 2D Piece			
Adjustable	Left	Right	
2D	F138141366	F138141367	

2 Vionaro V8 Branding clip Piece: Left or right			
Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

1D depth adjustment for 2D front locking device			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

3 Vionaro V8 Front holder Piece: Left or right		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
LWK $RWB = LWK - 32$ $\text{min. } RWB = 148 \text{ mm}$ $BB = LWK - 22$ $\text{min. } 234$ 250 128 32 51 16 12 FAS 16.3 29.5 8.5 $\text{min. } 38$	8 12 237 48 64 82 16 16 12 8	$RWB = LWK - 32$ 237 16 16 $BL = NL - 19$ $BB = LWK - 22$
Minimum installation depth 37 $MET = NL + 3$	Back panel screw fitting ($KB < 700$) 60 16 12 8	Back panel screw fitting ($KB \geq 700$) 60 16 12 8
Exploded Drawing 1 2 3 4 5		

LEGEND

B Bottom panel
BB Bottom panel width
BL Bottom panel length
FA Front overlay

KB Cabinet width
LWK Inside cabinet width
MET Minimum installation depth
NL Nominal length

RW Back panel
RWB Back panel width
RWH Back panel height

VIONARO V8 CRYSTAL ICE

Pot drawer with large slide-in elements



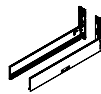
- Elegant design without additional brackets at the front and back
- No machining the slide-in elements
- Slim 8 mm drawer design
- No plastic parts, 100 % recyclable
- Same front connection as H200/H250
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Crystal Drawer sides H250 Ice Piece



NL	Ice	Ice		
	Left	Right		
270	F138137530	F138137531		
300	F138137533	F138137534		
350	F138137536	F138137537		
400	F138137539	F138137540		
450	F138137542	F138137543		
500	F138137545	F138137546		
550	F138137548	F138137549		
600	F138137551	F138137552		
650	F138137554	F138137555		

2 Vionaro V8 Crystal Rectangular railing Ice Piece



NL	Ice	Ice		
	Left	Right		
270	F138138169	F138138170		
300	F138138172	F138138173		
350	F138138175	F138138176		
400	F138138178	F138138179		
450	F138138181	F138138182		
500	F138138184	F138138185		
550	F138138187	F138138188		
600	F138138190	F138138191		
650	F138138193	F138138194		

3 Vionaro V8 Branding clip Piece: Left or right



Design	Ice	Stone	Zircon
With GRASS Logo	F138139547	F138139545	F138139548

4 Vionaro V8 Front holder Piece: Left or right



Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

5 Vionaro V8 Front stabiliser Piece



Ø	Type of assembly	Art. no.
5	For expanding	F138139692

6 Front locking device 2D Piece



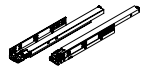
Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device



Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

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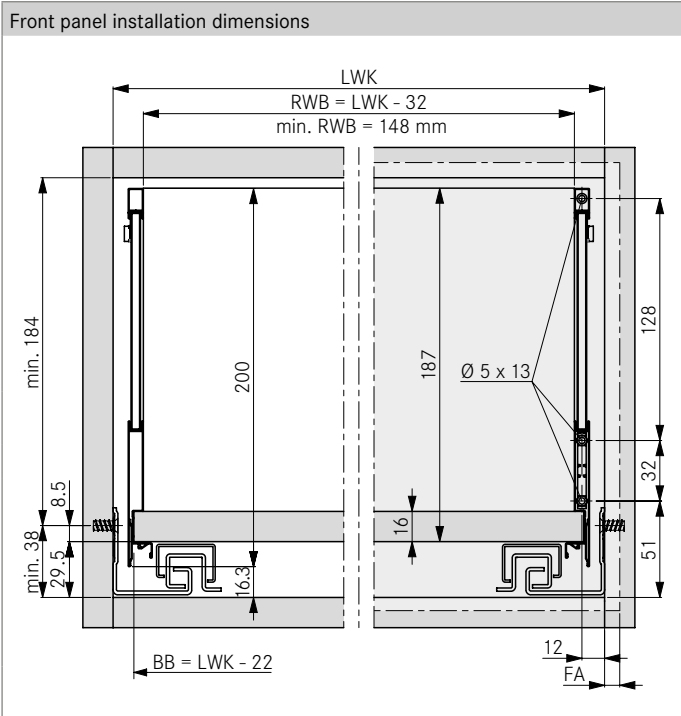
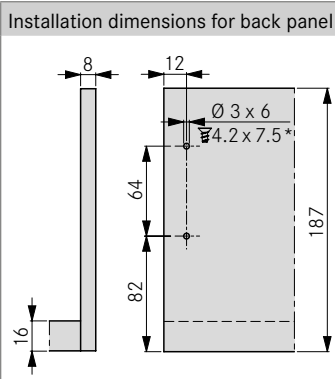
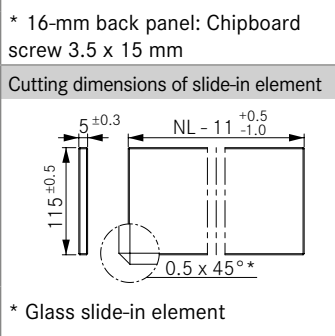
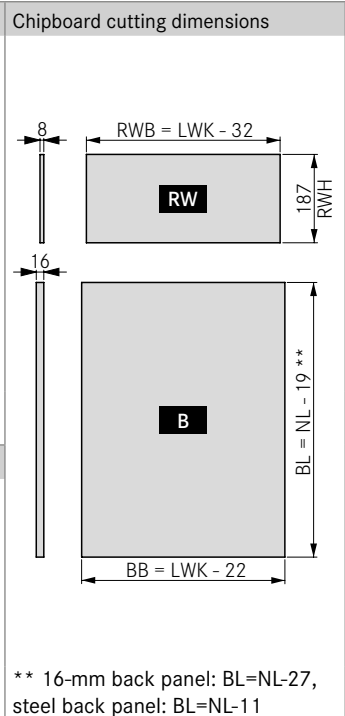
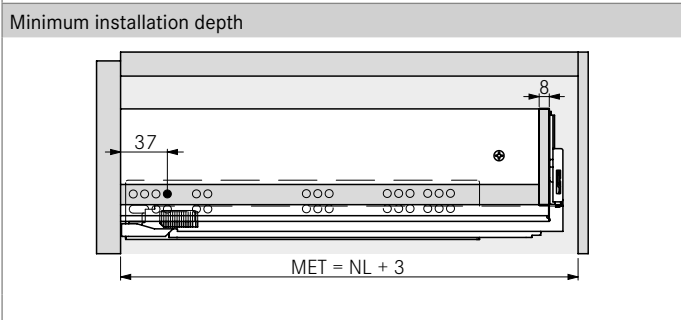
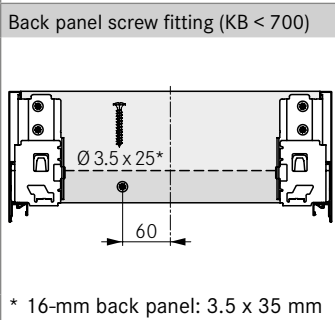
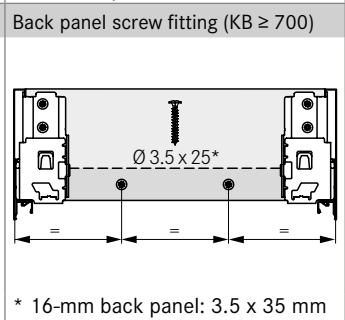
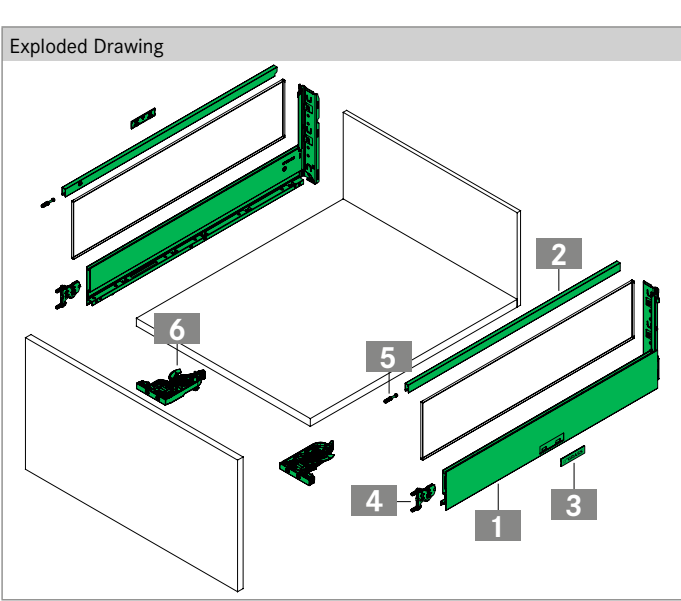


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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions 	Installation dimensions for back panel  * 16-mm back panel: Chipboard screw 3.5 x 15 mm Cutting dimensions of slide-in element  * Glass slide-in element	Chipboard cutting dimensions  ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth 	Back panel screw fitting (KB < 700)  * 16-mm back panel: 3.5 x 35 mm	Back panel screw fitting (KB ≥ 700)  * 16-mm back panel: 3.5 x 35 mm
Exploded Drawing 		

LEGEND

B	Bottom panel	KB	Cabinet width	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Back panel width
BL	Bottom panel length	MET	Minimum installation depth	RWH	Back panel height
FA	Front overlay	NL	Nominal length		

VIONARO V8 CRYSTAL STONE

Pot drawer with large slide-in elements



- Elegant design without additional brackets at the front and back
- No machining the slide-in elements
- Slim 8 mm drawer design
- No plastic parts, 100 % recyclable
- Same front connection as H200/H250
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Crystal Drawer sides H250 Stone Piece				
	Stone	Stone		
NL	Left	Right		
270	F138137476	F138137477		
300	F138137479	F138137480		
350	F138137482	F138137483		
400	F138137485	F138137486		
450	F138137488	F138137489		
500	F138137491	F138137492		
550	F138137494	F138137495		
600	F138137497	F138137498		
650	F138137500	F138137501		

2 Vionaro V8 Crystal Rectangular railing Stone Piece				
	Stone	Stone		
NL	Left	Right		
270	F138138115	F138138116		
300	F138138118	F138138119		
350	F138138121	F138138122		
400	F138138124	F138138125		
450	F138138127	F138138128		
500	F138138130	F138138131		
550	F138138133	F138138134		
600	F138138136	F138138137		
650	F138138139	F138138140		

3 Vionaro V8 Branding clip Piece: Left or right			
	Ice	Stone	Zircon
Design			
With GRASS Logo	F138139547	F138139545	F138139548

4 Vionaro V8 Front holder Piece: Left or right		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

5 Vionaro V8 Front stabiliser Piece		
Ø	Type of assembly	Art. no.
5	For expanding	F138139692

6 Front locking device 2D Piece			
Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

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PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
LWK RWB = LWK - 32 min. RWB = 148 mm min. 184 200 128 187 16 32 51 12 FA BB = LWK - 22 min. 38 29.5 8.5 16.3	8 12 Ø 3 x 6 4.2 x 7.5* 64 82 16 187 * 16-mm back panel: Chipboard screw 3.5 x 15 mm Cutting dimensions of slide-in element 5 ±0.3 NL - 11 +0.5 -1.0 115 ±0.5 0.5 x 45°* * Glass slide-in element	RWB = LWK - 32 RW 187 RWH 8 16 B BL = NL - 19 ** BB = LWK - 22 ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth	Back panel screw fitting (KB < 700)	Back panel screw fitting (KB ≥ 700)
37 8 MET = NL + 3	Ø 3.5 x 25* 60 * 16-mm back panel: 3.5 x 35 mm	Ø 3.5 x 25* * 16-mm back panel: 3.5 x 35 mm

Exploded Drawing	
1 2 3 4 5 6	

LEGEND

B	Bottom panel	KB	Cabinet width	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Back panel width
BL	Bottom panel length	MET	Minimum installation depth	RWH	Back panel height
FA	Front overlay	NL	Nominal length		

VIONARO V8 CRYSTAL ZIRCON

Pot drawer with large slide-in elements



- Elegant design without additional brackets at the front and back
- No machining the slide-in elements
- Slim 8 mm drawer design
- No plastic parts, 100 % recyclable
- Same front connection as H200/H250
- 4-dimensional adjustment
- Integrated side, height and tilt adjustment. Depth adjustment optional
- Straight inside surfaces and narrow installation width ensure optimal utilisation of space
- Sturdy construction and high degree of stability
- No need to machine the bottom panel

Notice:

- Inside drawer depth varies depending on the thickness of the back panel
- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above (see accessories)

ORDER INFORMATION

1 Vionaro V8 Crystal Drawer sides H250 Zircon Piece				
	Zircon	Zircon		
NL	Left	Right		
270	F138137557	F138137558		
300	F138137560	F138137561		
350	F138137563	F138137564		
400	F138137566	F138137567		
450	F138137569	F138137570		
500	F138137572	F138137573		
550	F138137575	F138137576		
600	F138137578	F138137579		
650	F138137581	F138137582		

2 Vionaro V8 Crystal Rectangular railing Zircon Piece				
	Zircon	Zircon		
NL	Left	Right		
270	F138139661	F138139662		
300	F138139664	F138139665		
350	F138139667	F138139668		
400	F138139670	F138139671		
450	F138139673	F138139674		
500	F138139676	F138139677		
550	F138139679	F138139680		
600	F138139682	F138139683		
650	F138140207	F138140208		

3 Vionaro V8 Branding clip Piece: Left or right				
	Ice	Stone	Zircon	
Design				
With GRASS Logo	F138139547	F138139545	F138139548	

4 Vionaro V8 Front holder Piece: Left or right		
Ø	Mounting material	Art. no.
5	Expansion dowel (pre-mounted)	F138139691

5 Vionaro V8 Front stabiliser Piece		
Ø	Type of assembly	Art. no.
5	For expanding	F138139692

6 Front locking device 2D Piece			
Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device			
Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

Dynapro slides page 30	
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PAGE REFERENCES

Slides	30	Accessories	66	Sensomatic	89
Inset panels	44	Technical information	72	Assembly technology	109
Steel back panels	60	Organising systems	77	Assembly aids	116

PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions	Installation dimensions for back panel	Chipboard cutting dimensions
LWK RWB = LWK - 32 min. RWB = 148 mm min. 184 200 128 187 Ø 5 x 13 16 32 51 12 FA BB = LWK - 22 min. 38 29.5 8.5	8 12 Ø 3 x 6 4.2 x 7.5* 64 82 16 187 * 16-mm back panel: Chipboard screw 3.5 x 15 mm Cutting dimensions of slide-in element 5 ± 0.3 NL - 11 +0.5 -1.0 115 ± 0.5 0.5 x 45°* * Glass slide-in element	RWB = LWK - 32 RW 187 RWH 8 16 B BL = NL - 19** BB = LWK - 22 ** 16-mm back panel: BL=NL-27, steel back panel: BL=NL-11
Minimum installation depth	Back panel screw fitting (KB < 700)	Back panel screw fitting (KB ≥ 700)
37 8 MET = NL + 3	Ø 3.5 x 25* 60 * 16-mm back panel: 3.5 x 35 mm	Ø 3.5 x 25* * 16-mm back panel: 3.5 x 35 mm

Exploded Drawing	
1 2 3 4 5 6	

LEGEND

B	Bottom panel	KB	Cabinet width	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Back panel width
BL	Bottom panel length	MET	Minimum installation depth	RWH	Back panel height
FA	Front overlay	NL	Nominal length		

DYNAPRO SOFT-CLOSE

Full extension slide 40/70 kg

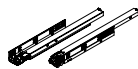


- Excellent running characteristics
- Fully synchronised slide technology
- Soft-close damping system
- Maximum side stability
- Minimum drawer deflection
- Stepless self-locking of the drawer when pushed onto the slide
- Can also be used for wooden drawers
- Tool-free 3D adjustment facility:
 - Height adjustment +2.5/-1 mm
 - Side adjustment ± 1.5 mm
 - Depth adjustment +3.5 mm (optional)

ORDER INFORMATION

1

Dynapro Full extension slide 40 kg Soft-close
Piece



NL	40 kg	40 kg		
	Left	Right		
270	F130107794	F130107795		
300	F130107797	F130107798		
350	F130107803	F130107804		
400	F130107809	F130107810		
450	F130107815	F130107816		
500	F130107821	F130107822		
550	F130107827	F130107828		
600	F130107830	F130107831		

1

Dynapro Full extension slide 70 kg Soft-close
Piece



NL	70 kg	70 kg		
	Left	Right		
450	F130107833	F130107834		
500	F130107839	F130107840		
550	F130107845	F130107846		
600	F130107851	F130107852		
650	F130107854	F130107855		

2

Front locking device 2D
Piece

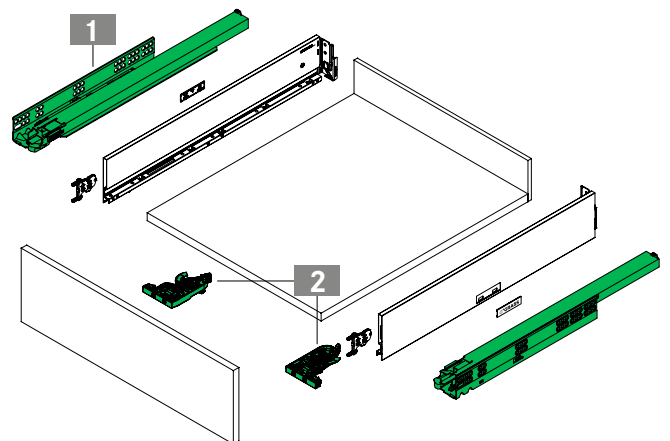


Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device



Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

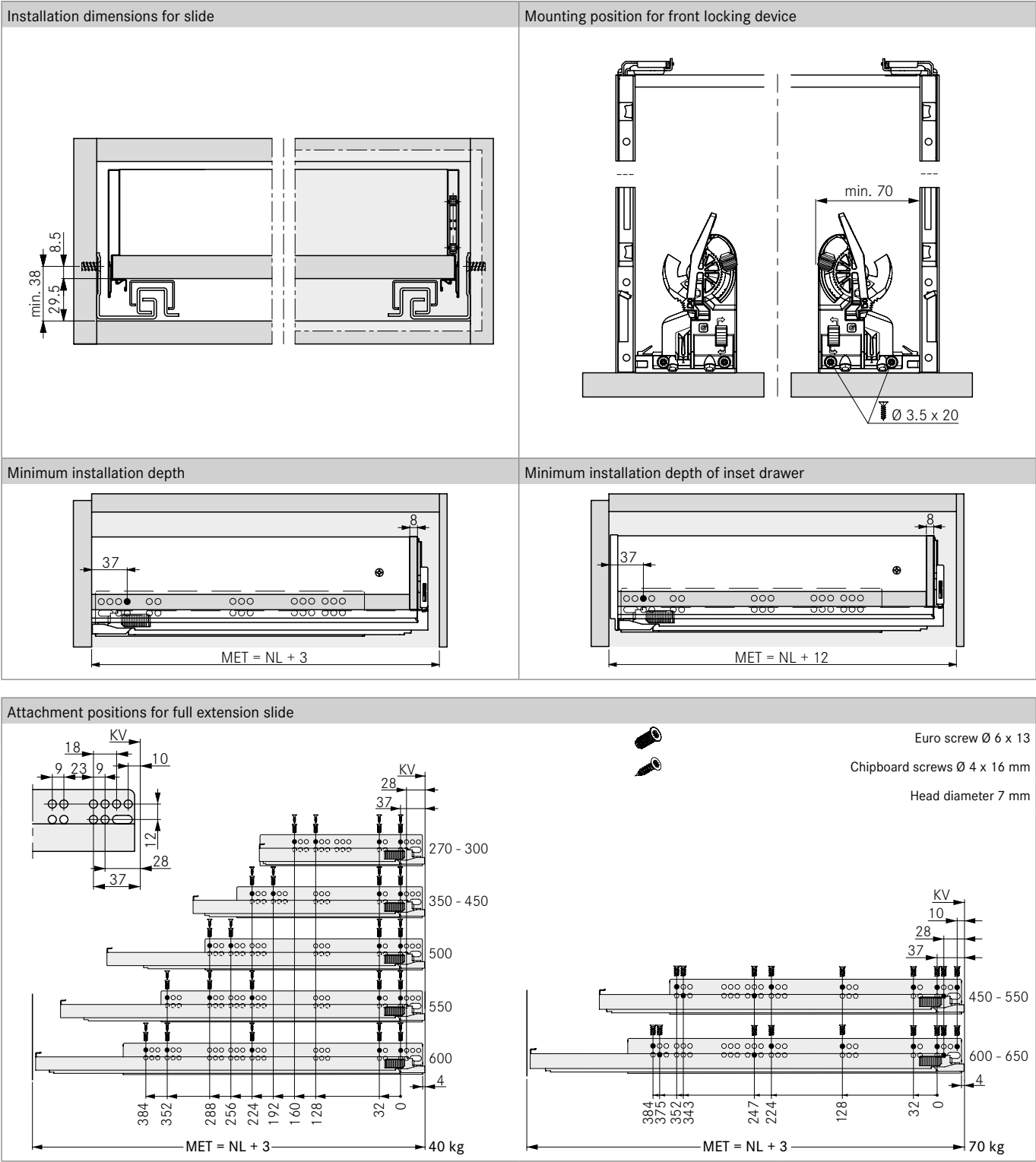


PAGE REFERENCES

Drawer sides	14	Accessories	66	Sensomatic	89
Inset panels	40	Technical information	74	Assembly technology	109
Steel back panels	54	Organising systems	77	Assembly aids	118

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

KV	Front edge of cabinet
MET	Minimum installation depth
NL	Nominal length

DYNAPRO TIPMATIC SOFT-CLOSE

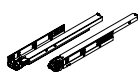
Full extension slide 40/70 kg



- Mechanical opening system for handle-free fronts
- Combines Tipmatic function with Soft-close damper
- Tool-free installation of the Tipmatic Soft-close unit
- Can be used with Dynapro full extension slide 40/70 kg Soft-close
- 3-stage adjustment of the opening force
- Large activation zone due to synchronisation rod
- Can also be used for wooden drawers
- Tool-free 3D adjustment facility:
 - Height adjustment +2.5/-1 mm
 - Side adjustment ± 1.5 mm
 - Front gap adjustment +3/-1 mm (via Tipmatic Soft-close unit)

ORDER INFORMATION

1 Dynapro Full extension slide 40 kg Soft-close Piece



NL	40 kg	40 kg		
	Left	Right		
270	F130107794	F130107795		
300	F130107797	F130107798		
350	F130107803	F130107804		
400	F130107809	F130107810		
450	F130107815	F130107816		
500	F130107821	F130107822		
550	F130107827	F130107828		
600	F130107830	F130107831		

1 Dynapro Full extension slide 70 kg Soft-close Piece



NL	70 kg	70 kg		
	Left	Right		
450	F130107833	F130107834		
500	F130107839	F130107840		
550	F130107845	F130107846		
600	F130107851	F130107852		
650	F130107854	F130107855		

2 Front locking device 2D Piece



Adjustable	Left	Right	
2D	F138141366	F138141367	

3 Dynapro Tipmatic Soft-close Set: Activator, Unit



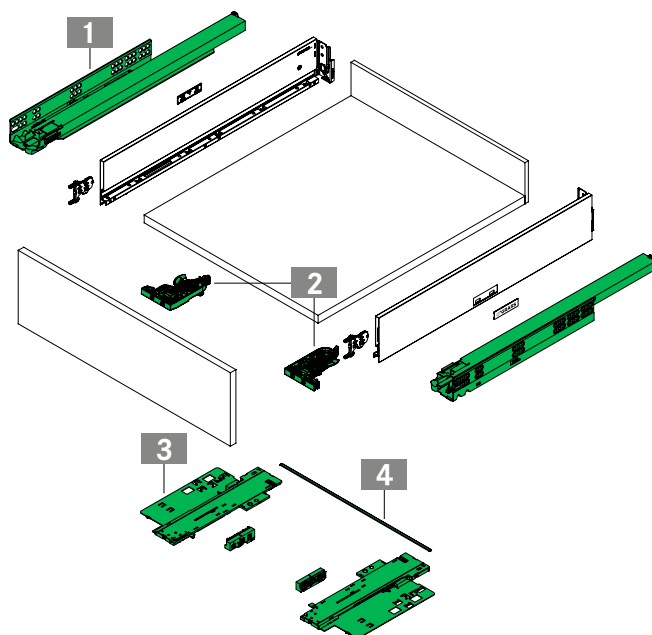
Type of assembly	Art. no.
To clip-on	F134141362

Dynapro Tipmatic Soft-close Individual components Set: Left, Right



Product type	Art. no.
Activator	F134109325
Unit	F134141363

4 Synchronisation rod for Dynapro Tipmatic Soft-close page 36

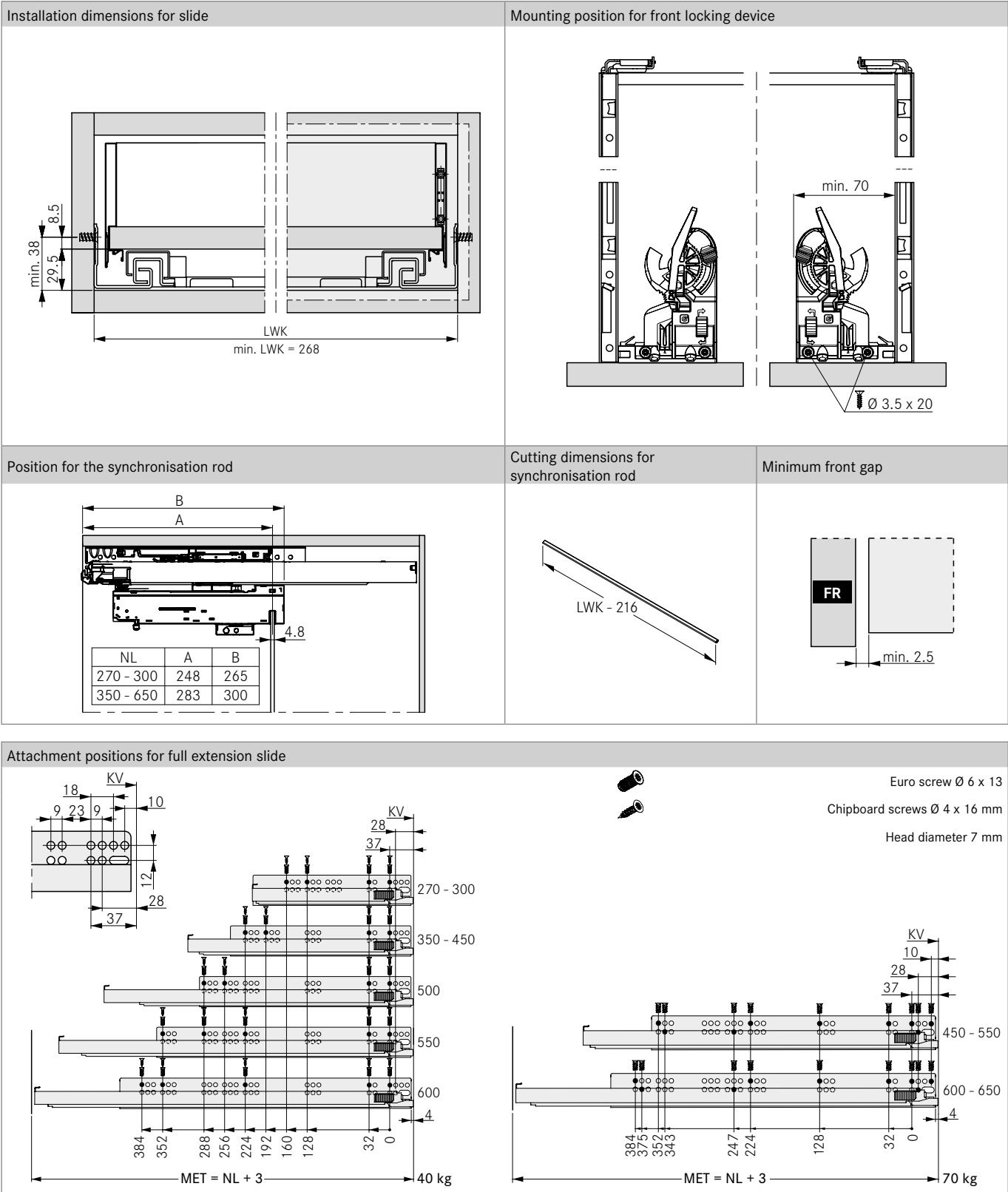


PAGE REFERENCES

Drawer sides	14	Accessories	66	Assembly technology	109
Inset panels	40	Technical information	74	Assembly aids	118
Steel back panels	54	Organising systems	77		

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

FR	Front
KV	Front edge of cabinet
LWK	Inside cabinet width
MET	Minimum installation depth

NL	Nominal length
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DYNAPRO TIPMATIC SOFT-CLOSE

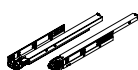
Full extension slide 30 kg for bathroom furniture



- Mechanical opening system with low closing force for light and narrow drawers with handle-free fronts
- Combines Tipmatic function with Soft-close damper
- Tool-free installation of the Tipmatic Soft-close unit
- Can be used with Dynapro full extension slide 30 kg Soft-close
- 3-stage adjustment of the opening force
- Large activation zone due to synchronisation rod
- Can also be used for wooden drawers
- Tool-free 3D adjustment facility:
 - Height adjustment +2.5/-1 mm
 - Side adjustment ± 1.5 mm
 - Front gap adjustment +3/-1 mm (via Tipmatic Soft-close unit)

ORDER INFORMATION

1 Dynapro full extension slide 30 kg Soft-close for bathroom furniture Piece



NL	30 kg	30 kg		
	Left	Right		
270	F130136512	F130136513		
300	F130136515	F130136516		
350	F130136518	F130136519		
400	F130136521	F130136522		

2 Front locking device 2D Piece



Adjustable	Left	Right	
2D	F138141366	F138141367	

3 Dynapro Tipmatic Soft-close For bathroom furniture Set: Activator, Unit



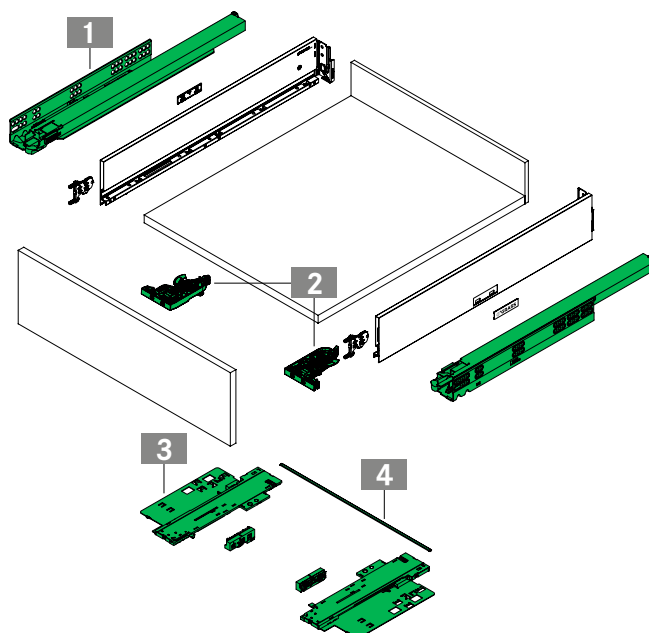
Type of assembly	Art. no.
To clip-on	F134141364

Dynapro Tipmatic Soft-close Individual components Set: Left, Right



Product type	Art. no.
Activator	F134109325
Unit	F134141365

4 Synchronisation rod for Dynapro Tipmatic Soft-close page 36

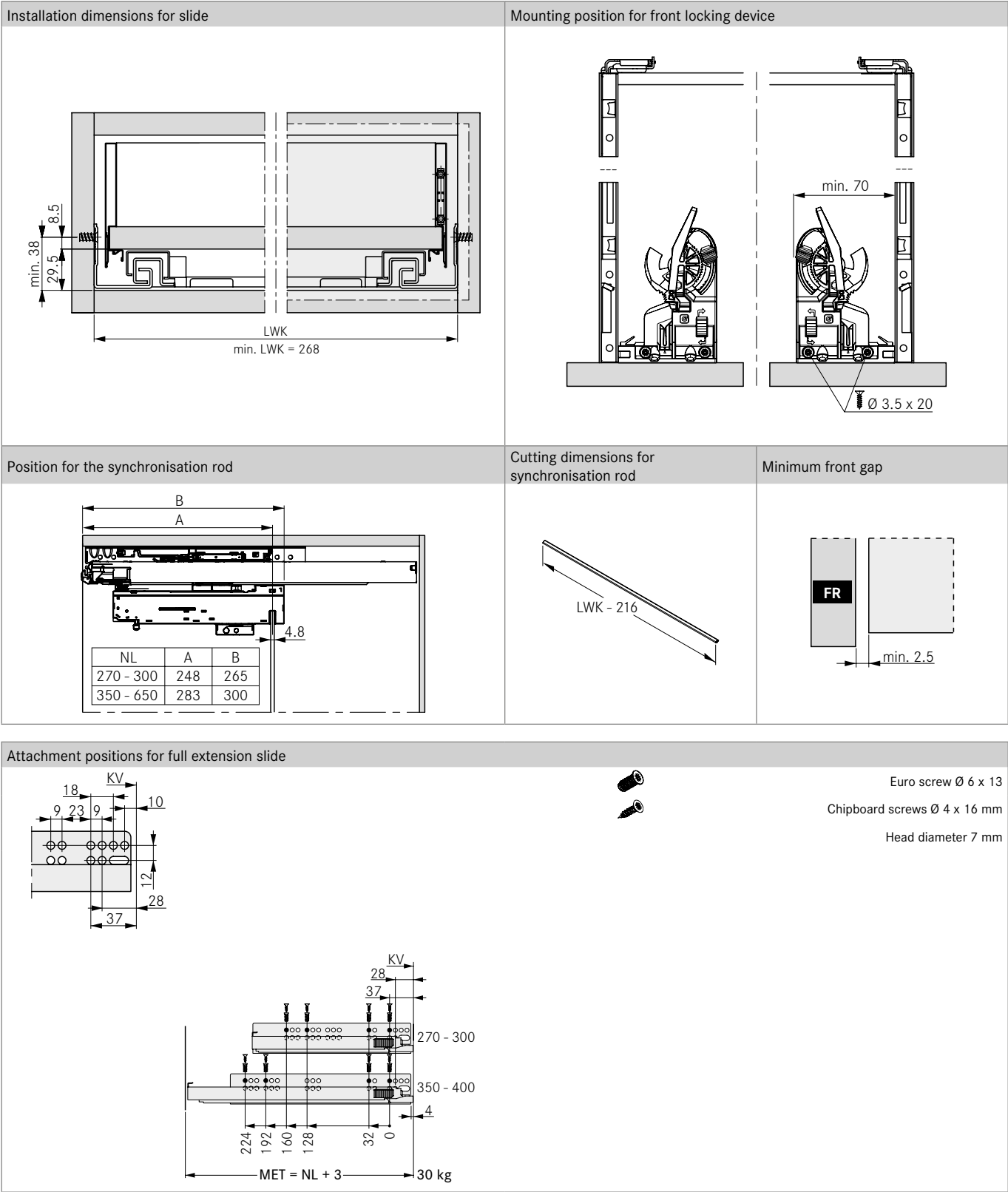


PAGE REFERENCES

Drawer sides	14	Accessories	66	Assembly technology	109
Inset panels	40	Technical information	74	Assembly aids	118
Steel back panels	54	Organising systems	77		

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

FR	Front
KV	Front edge of cabinet
LWK	Inside cabinet width
MET	Minimum installation depth

NL	Nominal length
----	----------------

DYNAPRO

Synchronisation rod for Tipmatic Soft-close

ORDER INFORMATION

Synchronisation rod, S16 Piece



KB	Length of synchronisation rod	Art. no.
300	52	F134109401
400	152	F134109402
450	202	F134109479
500	252	F134109403
550	302	F134109551
600	352	F134109404
700	452	F134109405
800	552	F134109406
900	652	F134109407
1000	752	F134109408
1100	852	F134109409
1200	952	F134109410
2200	1952	F134131408

Synchronisation rod, S18 Piece



KB	Length of synchronisation rod	Art. no.
300	48	F134109326
400	148	F134109327
450	198	F134130495
500	248	F134109328
600	348	F134109329
700	448	F134109330
800	548	F134109331
900	648	F134109332
1000	748	F134109333
1200	948	F134109335

Synchronisation rod, S19 Piece



KB	Length of synchronisation rod	Art. no.
400	146	F134109337
450	196	F134136035
500	246	F134109338
600	346	F134109339
700	446	F134109340
800	546	F134109341
900	646	F134109342
1200	946	F134109345

PAGE REFERENCES

Drawer sides	14	Accessories	66	Assembly technology	109
Inset panels	40	Technical information	74	Assembly aids	118
Steel back panels	54	Organising systems	77		

PLANNING INFORMATION

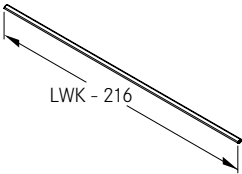
All dimensions in millimetres

Position for the synchronisation rod



NL	A	B
270 - 300	248	265
350 - 650	283	300

Cutting dimensions for synchronisation rod

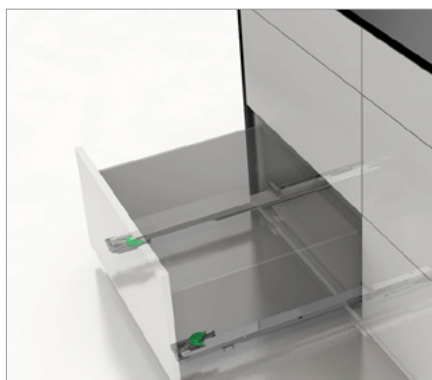


LEGEND

KB	Cabinet width
LWK	Inside cabinet width
NL	Nominal length
S	Side wall thickness

DYNAPRO

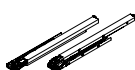
Bottom panel frame set mounting



- Synchronised full extension slide, 40 kg load capacity
- Soft-close damping system
- Assembly on the cabinet base or shelf
- No lateral screw-on bracket

ORDER INFORMATION

1 Dynapro Full extension slide 40 kg Soft-close for bottom panel frame set mounting Piece



NL	40 kg	40 kg		
	Left	Right		
400	F130107879	F130107880		
450	F130107885	F130107886		
500	F130107891	F130107892		

2 Front locking device 2D Piece

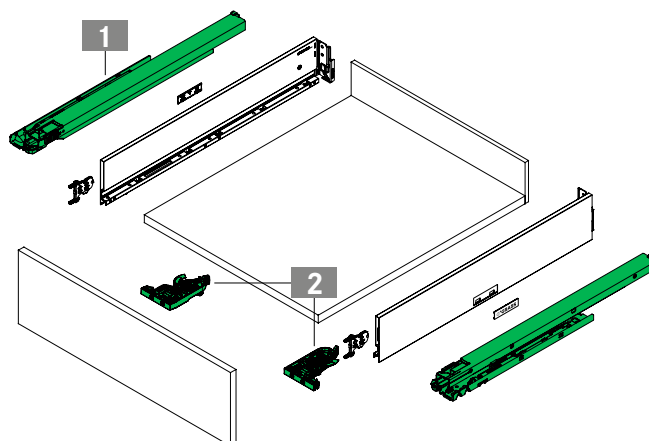


Adjustable	Left	Right	
2D	F138141366	F138141367	

1D depth adjustment for 2D front locking device



Type of assembly	Left, Right	Left	Right
To clip-on	F134108957	F134108958	F134108959

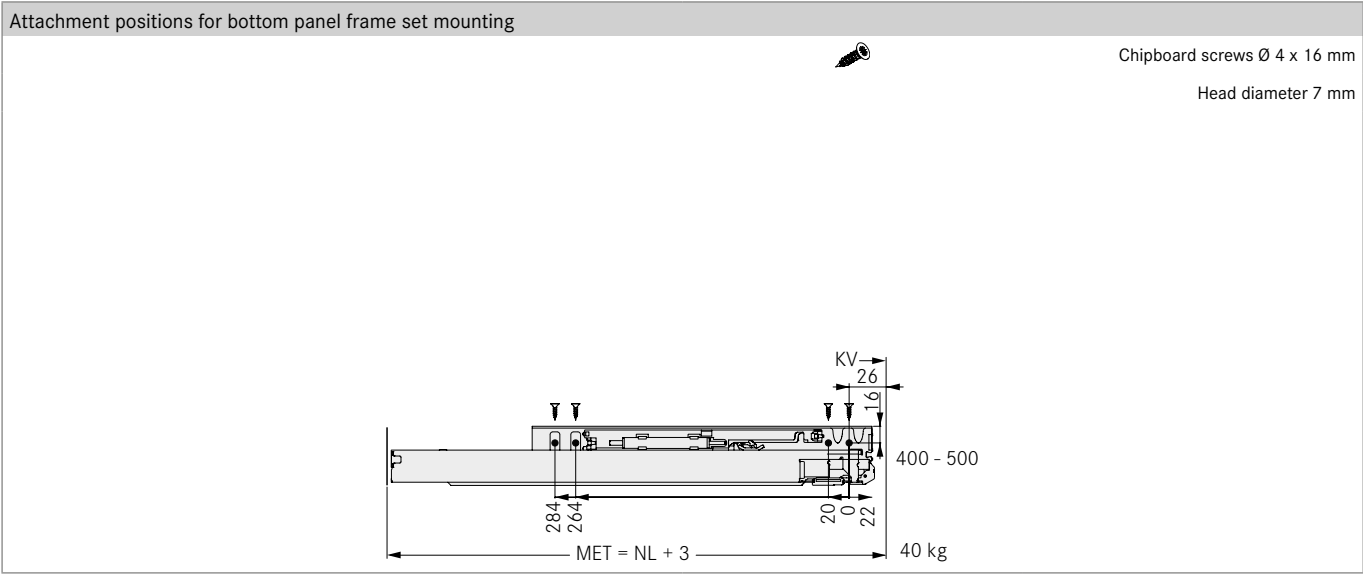
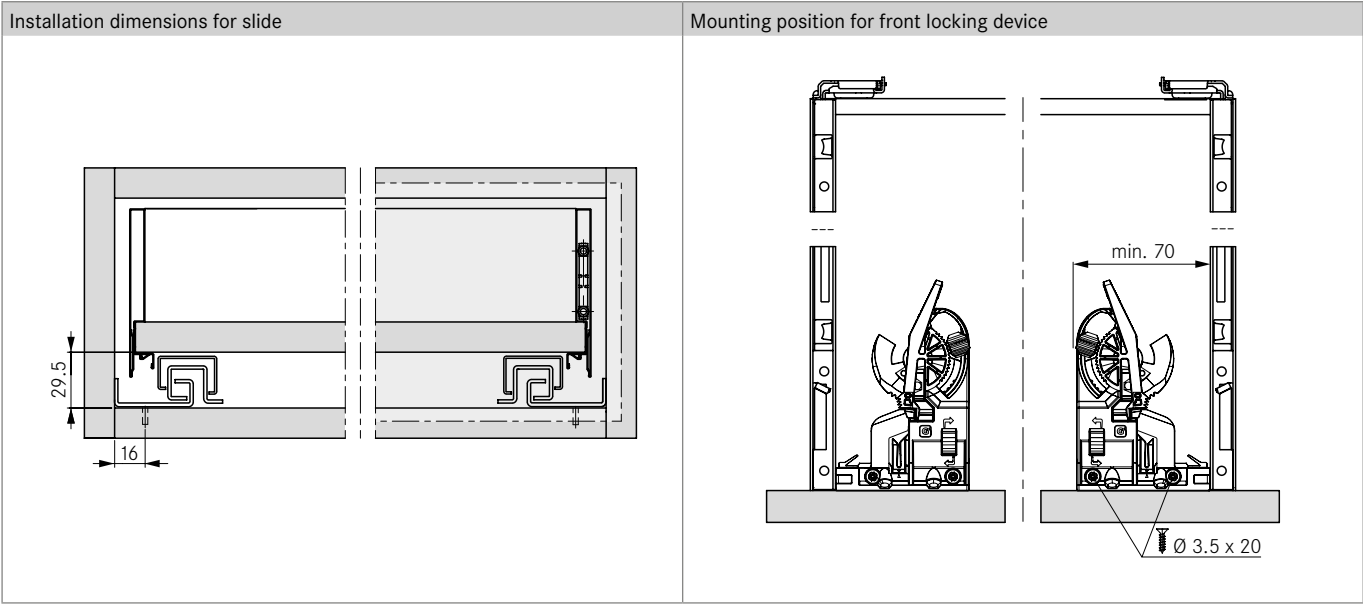


PAGE REFERENCES

Drawer sides	14	Accessories	66	Sensomatic	89
Inset panels	40	Technical information	74	Assembly technology	109
Steel back panels	54	Organising systems	77	Assembly aids	118

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

KV	Front edge of cabinet
MET	Minimum installation depth
NL	Nominal length

VIONARO V8

Inset panel for inset drawer H89



- Drawer sides, back panel, inset panel. Consistent 8 mm design on all sides
- Colour-coordinated front panel profile
- Smooth inner and outer sides provide a high-quality look
- Low complexity of parts
- Easy to install
- Same dimensions as standard drawers (inside depth)

Notice:

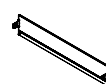
- Front-bottom panel connector recommended for KB 600 mm and above

ORDER INFORMATION

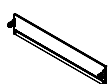
1 Vionaro V8 Inset panel for inset drawer H89, S16 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138138958	F138138922	F138138976	
300	F138138960	F138138924	F138138978	
350	F138138961	F138138925	F138138979	
400	F138138963	F138138927	F138138981	
450	F138138964	F138138928	F138138982	
500	F138138965	F138138929	F138138983	
550	F138138966	F138138930	F138138984	
600	F138138968	F138138932	F138138986	
700	F138138969	F138138933	F138138987	
800	F138138971	F138138935	F138138989	
900	F138138972	F138138936	F138138990	
1000	F138138973	F138138937	F138138991	
1200	F138138975	F138138939	F138138993	



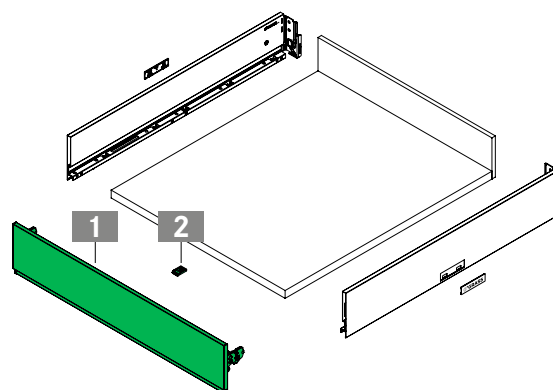
1 Vionaro V8 Inset panel for inset drawer H89, S19 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138140040	F138139809	F138140058	
300	F138140042	F138139810	F138140060	
350	F138140043	F138139811	F138140061	
400	F138140045	F138139812	F138140063	
450	F138140046	F138139813	F138140064	
500	F138140047	F138139814	F138140065	
550	F138140048	F138139815	F138140066	
600	F138140050	F138139816	F138140068	
700	F138140051	F138139817	F138140069	
800	F138140053	F138139818	F138140071	
900	F138140054	F138139819	F138140072	
1000	F138140055	F138139820	F138140073	
1200	F138140057	F138139821	F138140075	



1 Vionaro V8 Inset panel for inset drawer H89, S18 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138139040	F138139004	F138139058	
300	F138139042	F138139006	F138139060	
350	F138139043	F138139007	F138139061	
400	F138139045	F138139009	F138139063	
450	F138139046	F138139010	F138139064	
500	F138139047	F138139011	F138139065	
550	F138139048	F138139012	F138139066	
600	F138139050	F138139014	F138139068	
700	F138139051	F138139015	F138139069	
800	F138139053	F138139017	F138139071	
900	F138139054	F138139018	F138139072	
1000	F138139055	F138139019	F138139073	
1200	F138139057	F138139021	F138139075	



2 Front-bottom panel connector for inset panel Piece		
Suitable for cabinet width		Art. no.
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)		F136118025



PAGE REFERENCES

Drawer sides	14	Steel back panels	56	Sensomatic	89
Slides	30	Accessories	66	Assembly technology	109
Individual components	50	Organising systems	77	Assembly aids	116

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Inset panel H89
Minimum installation depth of inset drawer	Front-bottom connector
Attachment positions for full extension slide	Attachment positions for full extension slide

LEGEND

BB	Bottom panel width	MET	Minimum installation depth
IBL	Length of concealed drawer front	NL	Nominal length
KB	Cabinet width	RWB	Back panel width
LWK	Inside cabinet width	S	Side wall thickness

VIONARO V8

Inset panel for inset drawer H200 and Crystal



- Drawer sides, back panel, inset panel.
Consistent 8 mm design on all sides
- Colour-coordinated front panel profile
- Smooth inner and outer sides provide a high-quality look
- Low complexity of parts
- Easy to install
- Same dimensions as standard drawers (inside depth)

Notice:

- Front-bottom panel connector recommended for KB 600 mm and above

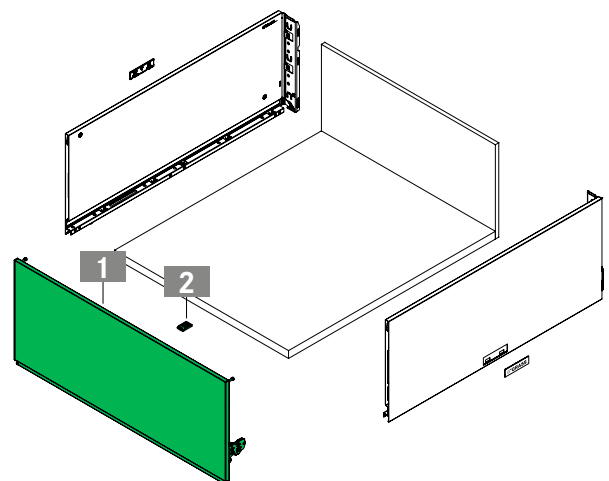
ORDER INFORMATION

1 Vionaro V8 Inset panel for inset drawer H200 and Crystal, S16 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138139112	F138139076	F138139130	
300	F138139114	F138139078	F138139132	
350	F138139115	F138139079	F138139133	
400	F138139117	F138139081	F138139135	
450	F138139118	F138139082	F138139136	
500	F138139119	F138139083	F138139137	
550	F138139120	F138139084	F138139138	
600	F138139122	F138139086	F138139140	
700	F138139123	F138139087	F138139141	
800	F138139125	F138139089	F138139143	
900	F138139126	F138139090	F138139144	
1000	F138139127	F138139091	F138139145	
1200	F138139129	F138139093	F138139147	

1 Vionaro V8 Inset panel for inset drawer H200 and Crystal, S18 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138139194	F138139158	F138139212	
300	F138139196	F138139160	F138139214	
350	F138139197	F138139161	F138139215	
400	F138139199	F138139163	F138139217	
450	F138139200	F138139164	F138139218	
500	F138139201	F138139165	F138139219	
550	F138139202	F138139166	F138139220	
600	F138139204	F138139168	F138139222	
700	F138139205	F138139169	F138139223	
800	F138139207	F138139171	F138139225	
900	F138139208	F138139172	F138139226	
1000	F138139209	F138139173	F138139227	
1200	F138139211	F138139175	F138139229	

1 Vionaro V8 Inset panel for inset drawer H200 and Crystal, S19 Set: Inset panel with pre-assembled front holder and cover caps				
KB	Ice	Stone	Zircon	
250	F138140081	F138139822	F138140099	
300	F138140083	F138139823	F138140101	
350	F138140084	F138139824	F138140102	
400	F138140086	F138139825	F138140104	
450	F138140087	F138139826	F138140105	
500	F138140088	F138139827	F138140106	
550	F138140089	F138139828	F138140107	
600	F138140091	F138139829	F138140109	
700	F138140092	F138139830	F138140110	
800	F138140094	F138139831	F138140112	
900	F138140095	F138139832	F138140113	
1000	F138140096	F138139833	F138140114	
1200	F138140098	F138139834	F138140116	

2 Front-bottom panel connector for inset panel Piece		
Suitable for cabinet width		Art. no.
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)		F136118025

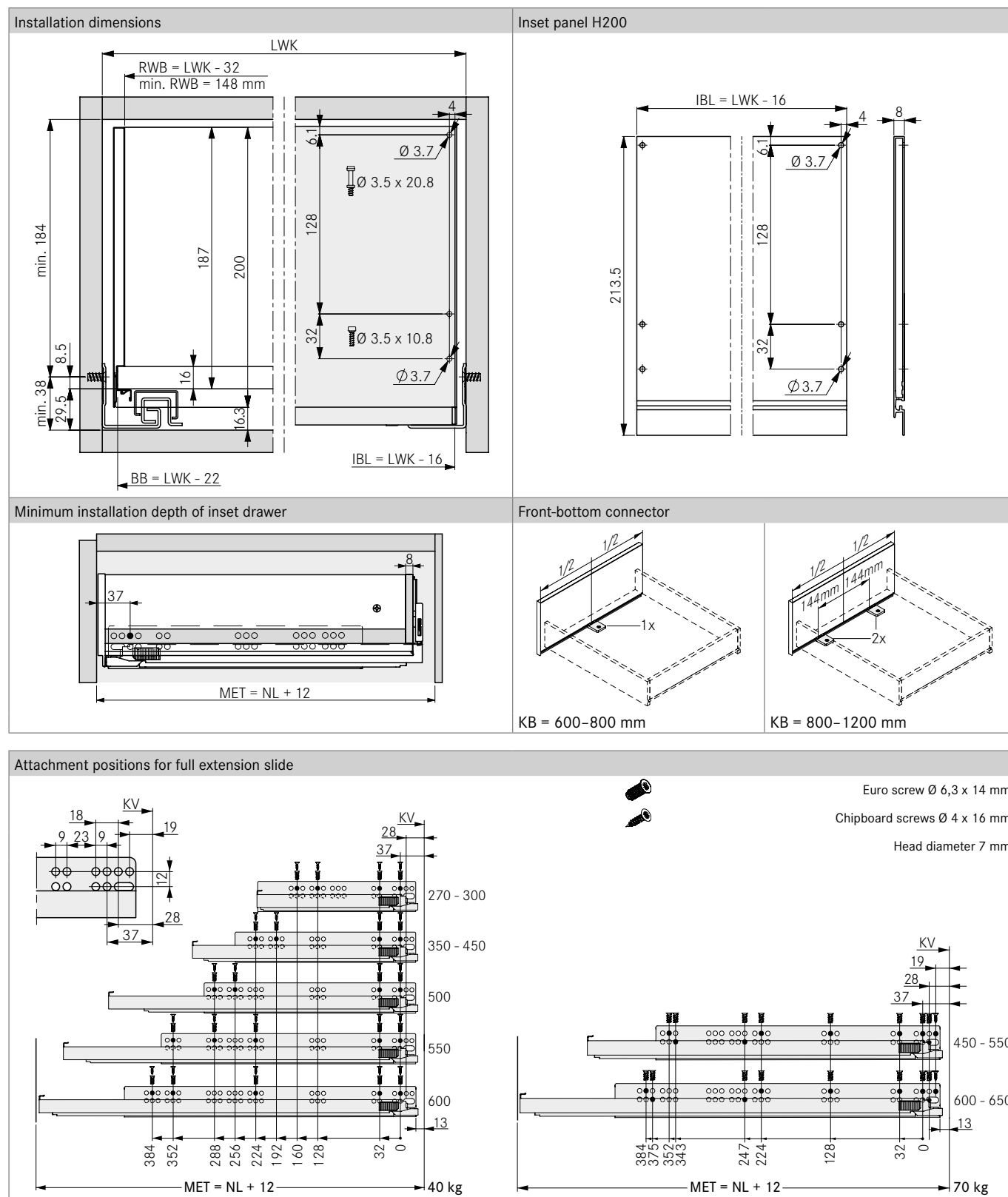


PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Sensomatic	89
Slides	30	Accessories	66	Assembly technology	109
Individual components	50	Organising systems	77	Assembly aids	116

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

BB	Bottom panel width
IBL	Length of concealed drawer front
KB	Cabinet width
LWK	Inside cabinet width

MET	Minimum installation depth
NL	Nominal length
RWB	Back panel width
S	Side wall thickness

VIONARO V8

Inset panel Crystal for inset drawer H200 and Crystal, S16



- Slim 8 mm design on all sides
- Proportions adapted to suit the V8 Crystal drawer sides
- Colour-coordinated front panel profile
- Perfect for tall cabinets
- Slide-in element 5 mm
- No need to machine the slide-in elements
- Same dimensions as standard drawers (inside depth)

Notice:

- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above

ORDER INFORMATION

1 Vionaro V8 Divider railing for inset panel Crystal, S16 Piece



KB	Ice	Stone	Zircon	
300	F138140147	F138139730	F138140149	
350	F138140148	F138139731	F138140150	
400	F138139322	F138139304	F138139331	
450	F138139323	F138139305	F138139332	
500	F138139324	F138139306	F138139333	
550	F138139325	F138139307	F138139334	
600	F138139326	F138139308	F138139335	
800	F138139327	F138139309	F138139336	
900	F138139328	F138139310	F138139337	
1000	F138139329	F138139311	F138139338	
1200	F138139330	F138139312	F138139339	

2 Vionaro V8 Cross profile for inset panel Crystal, S16 Piece



KB	Ice	Stone	Zircon	
300	F138139732	F138139728	F138140117	
350	F138139733	F138139729	F138140118	
400	F138139248	F138139230	F138139257	
450	F138139249	F138139231	F138139258	
500	F138139250	F138139232	F138139259	
550	F138139251	F138139233	F138139260	
600	F138139252	F138139234	F138139261	
800	F138139253	F138139235	F138139262	
900	F138139254	F138139236	F138139263	
1000	F138139255	F138139237	F138139264	
1200	F138139256	F138139238	F138139265	

3 Vionaro V8 Clip with pre-assembled front holder and front stabiliser for inset panel Crystal Piece



Assembly position	Ice	Stone	Zircon
Left	F138140211	F138139379	F138139384
Right	F138140212	F138139380	F138139385

4 Vionaro V8 Cover caps for inset panel Crystal Piece: Left or right



Assembly position	Ice	Stone	Zircon
Left or right	F138138903	F138138902	F138138905

5 Screw for Vionaro V8 inset panel Crystal Piece



Nominal diameter x screw length	Art. no.
3 x 30	F138138907

6 Vionaro V8 Foam rubber for Crystal inset panel Piece

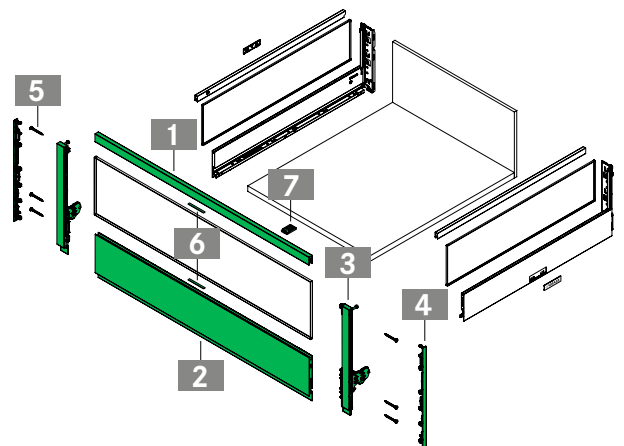


Length	Art. no.
40	F138140237

7 Front-bottom panel connector for inset panel Piece



Suitable for cabinet width	Art. no.
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)	F136118025

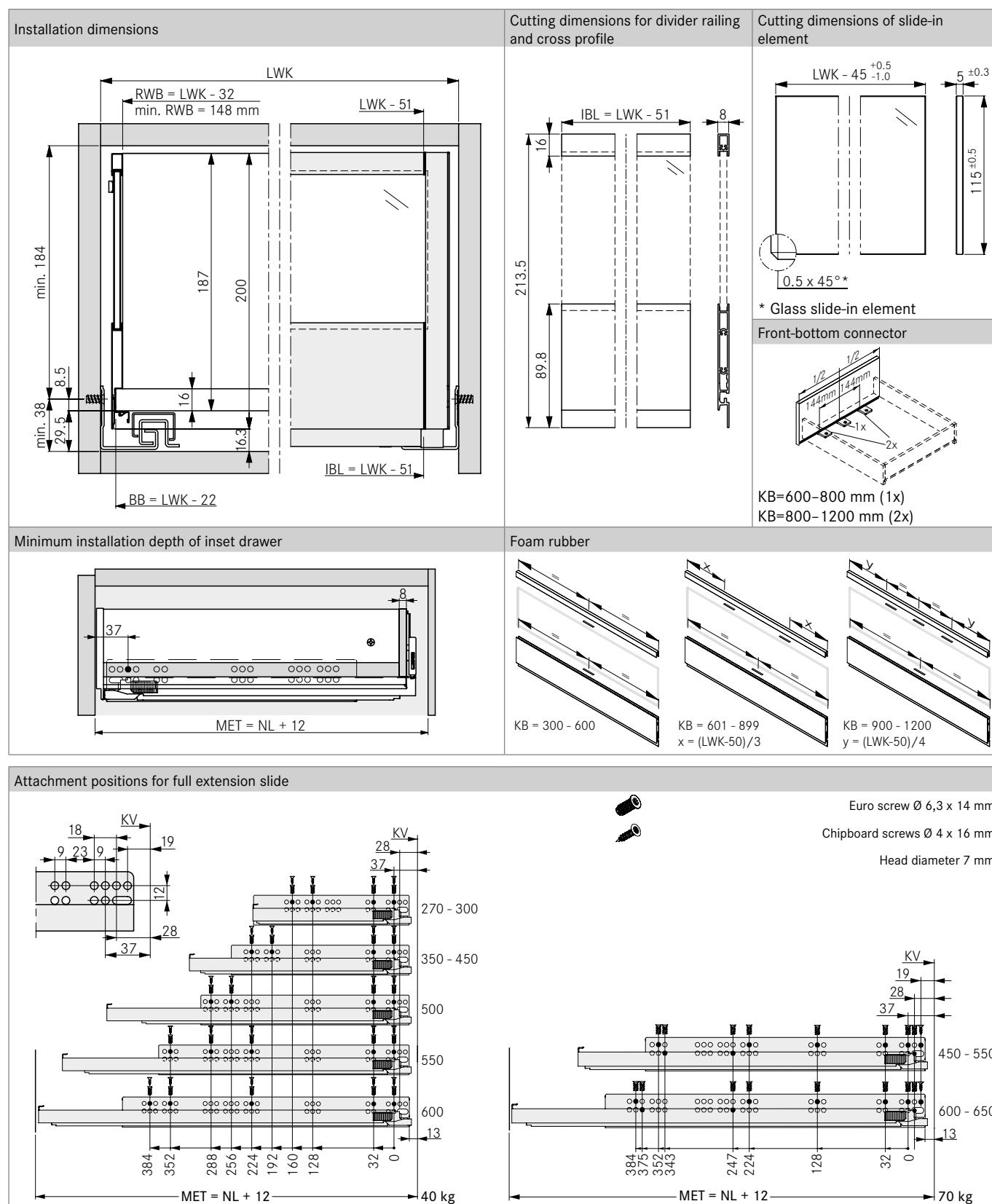


PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Individual components	52	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres



LEGEND

BB Bottom panel width
IBL Length of concealed drawer front
KB Cabinet width
LWK Inside cabinet width

MET Minimum installation depth
NL Nominal length
RWB Back panel width
S Side wall thickness

VIONARO V8

Inset panel Crystal for inset drawer H200 and Crystal, S18



- Slim 8 mm design on all sides
- Proportions adapted to suit the V8 Crystal drawer sides
- Colour-coordinated front panel profile
- Perfect for tall cabinets
- Slide-in element 5 mm
- No need to machine the slide-in elements
- Same dimensions as standard drawers (inside depth)

Notice:

- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above

ORDER INFORMATION

1 Vionaro V8 Divider railing for inset panel Crystal, S18 Piece



KB	Ice	Stone	Zircon	
300	F138140153	F138139726	F138140155	
350	F138140154	F138139727	F138140156	
400	F138139360	F138139342	F138139369	
450	F138139361	F138139343	F138139370	
500	F138139362	F138139344	F138139371	
550	F138139363	F138139345	F138139372	
600	F138139364	F138139346	F138139373	
800	F138139365	F138139347	F138139374	
900	F138139366	F138139348	F138139375	
1000	F138139367	F138139349	F138139376	
1200	F138139368	F138139350	F138139377	

2 Vionaro V8 Cross profile for inset panel Crystal, S18 Piece



KB	Ice	Stone	Zircon	
300	F138140121	F138139724	F138140123	
350	F138140122	F138139725	F138140124	
400	F138139286	F138139268	F138139295	
450	F138139287	F138139269	F138139296	
500	F138139288	F138139270	F138139297	
550	F138139289	F138139271	F138139298	
600	F138139290	F138139272	F138139299	
800	F138139291	F138139273	F138139300	
900	F138139292	F138139274	F138139301	
1000	F138139293	F138139275	F138139302	
1200	F138139294	F138139276	F138139303	

3 Vionaro V8 Clip with pre-assembled front holder and front stabiliser for inset panel Crystal Piece



Assembly position	Ice	Stone	Zircon
Left	F138140211	F138139379	F138139384
Right	F138140212	F138139380	F138139385

4 Vionaro V8 Cover caps for inset panel Crystal Piece: Left or right



Assembly position	Ice	Stone	Zircon
Left or right	F138138903	F138138902	F138138905

5 Screw for Vionaro V8 inset panel Crystal Piece



Nominal diameter x screw length	Art. no.
3 x 30	F138138907

6 Vionaro V8 Foam rubber for Crystal inset panel Piece

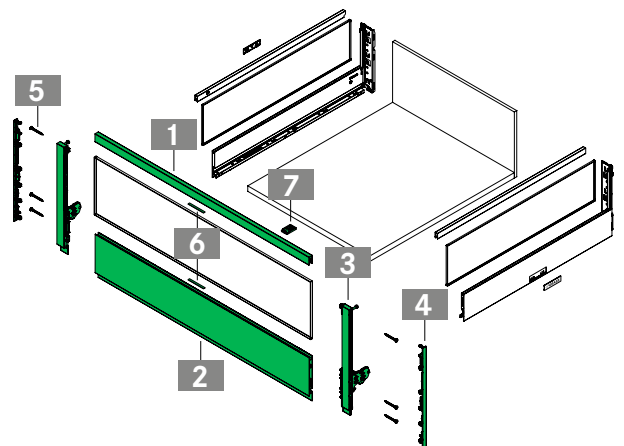


Length	Art. no.
40	F138140237

7 Front-bottom panel connector for inset panel Piece



Suitable for cabinet width	Art. no.
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)	F136118025

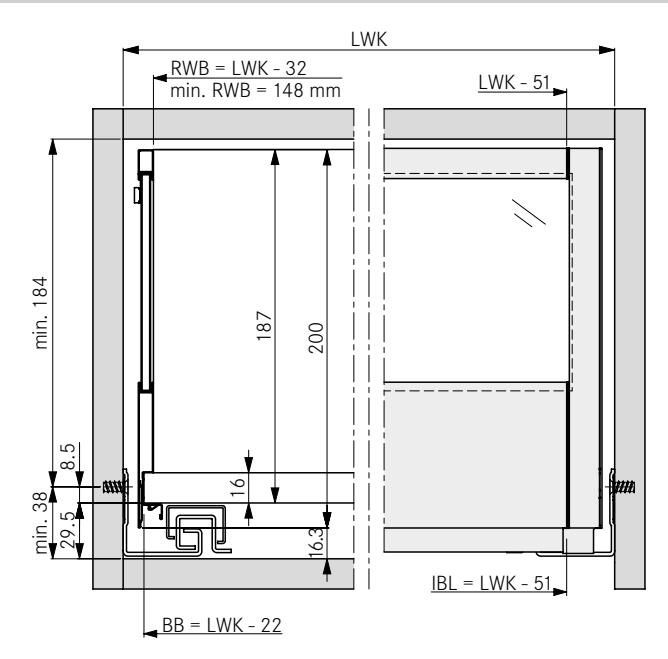
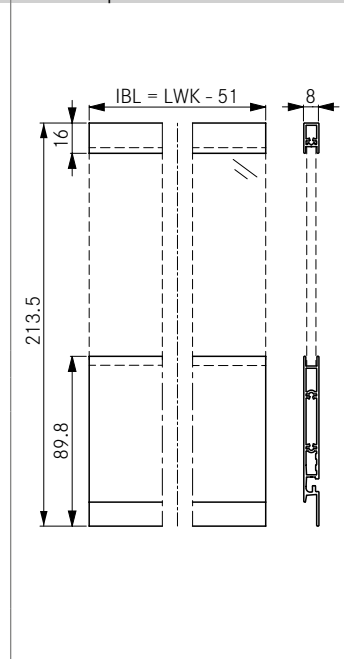
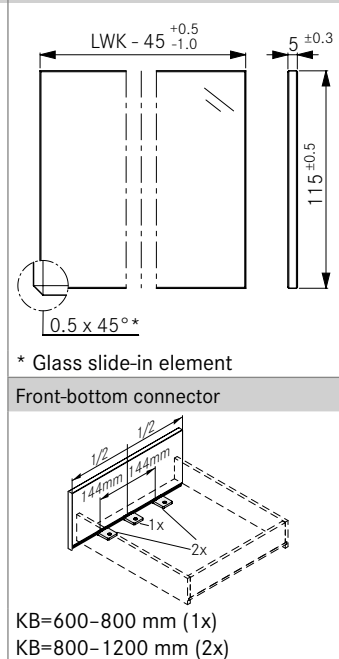
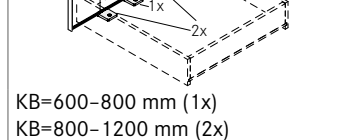
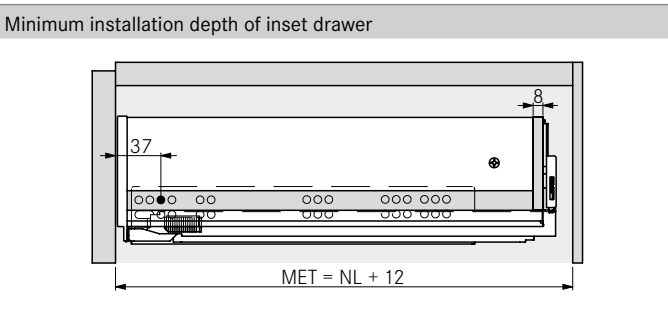
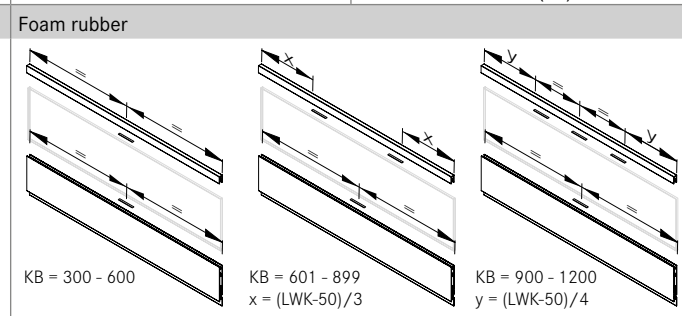
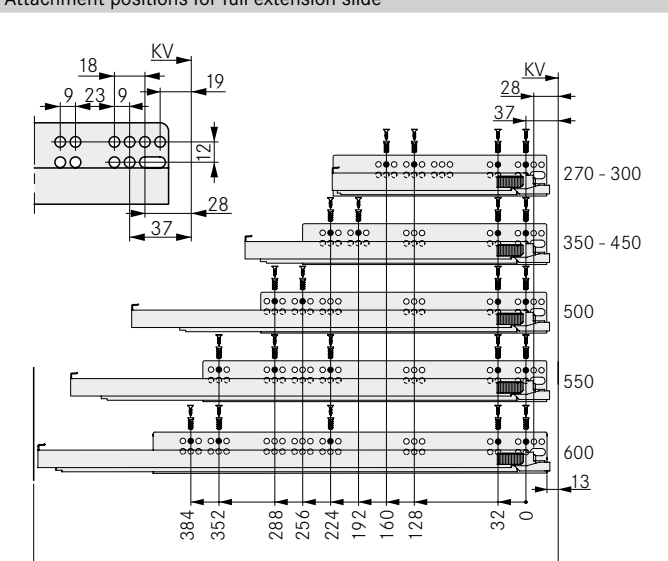
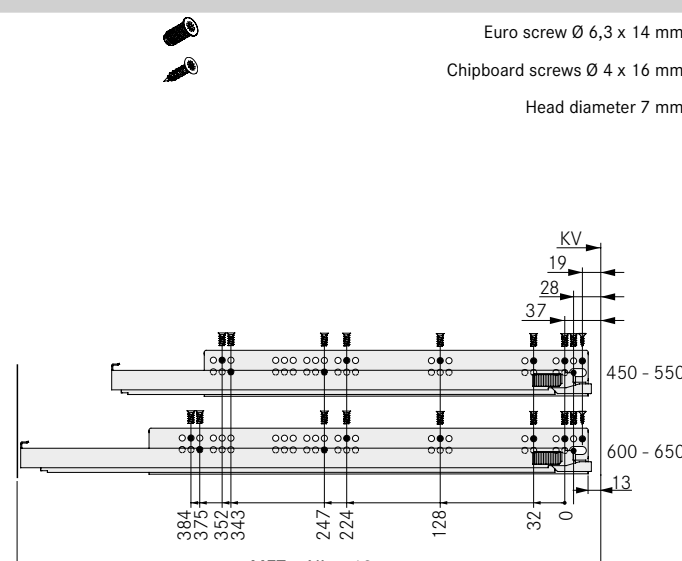


PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Individual components	52	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Cutting dimensions for divider railing and cross profile	Cutting dimensions for slide-in element
		 * Glass slide-in element Front-bottom connector  KB=600-800 mm (1x) KB=800-1200 mm (2x)
Minimum installation depth of inset drawer 	Foam rubber 	
Attachment positions for full extension slide		
	 Euro screw Ø 6,3 x 14 mm Chipboard screws Ø 4 x 16 mm Head diameter 7 mm	

LEGEND

BB	Bottom panel width
IBL	Length of concealed drawer front
KB	Cabinet width
LWK	Inside cabinet width

MET	Minimum installation depth
NL	Nominal length
RWB	Back panel width
S	Side wall thickness

VIONARO V8

Inset panel Crystal for inset drawer H200 and Crystal, S19



- Slim 8 mm design on all sides
- Proportions adapted to suit the V8 Crystal drawer sides
- Colour-coordinated front panel profile
- Perfect for tall cabinets
- Slide-in element 5 mm
- No need to machine the slide-in elements
- Same dimensions as standard drawers (inside depth)

Notice:

- When using glass slide-in elements, we recommend single-pane safety glass (ESG); please refer to national and international safety standards
- Front-bottom panel connector recommended for KB 600 mm and above

ORDER INFORMATION

1 Vionaro V8 Divider railing for inset panel Crystal, S19 Piece				
KB	Ice	Stone	Zircon	
300	F138140157	F138139846	F138140168	
350	F138140158	F138139847	F138140169	
400	F138140159	F138139848	F138140170	
450	F138140160	F138139849	F138140171	
500	F138140161	F138139850	F138140172	
550	F138140162	F138139851	F138140173	
600	F138140163	F138139852	F138140174	
800	F138140164	F138139853	F138140175	
900	F138140165	F138139854	F138140176	
1000	F138140166	F138140358	F138140177	
1200	F138140167	F138140359	F138140178	

2 Vionaro V8 Cross profile for inset panel Crystal, S19 Piece				
KB	Ice	Stone	Zircon	
300	F138140125	F138139835	F138140136	
350	F138140126	F138139836	F138140137	
400	F138140127	F138139837	F138140138	
450	F138140128	F138139838	F138140139	
500	F138140129	F138139839	F138140140	
550	F138140130	F138139840	F138140141	
600	F138140131	F138139841	F138140142	
800	F138140132	F138139842	F138140143	
900	F138140133	F138139843	F138140144	
1000	F138140134	F138139844	F138140145	
1200	F138140135	F138139845	F138140146	

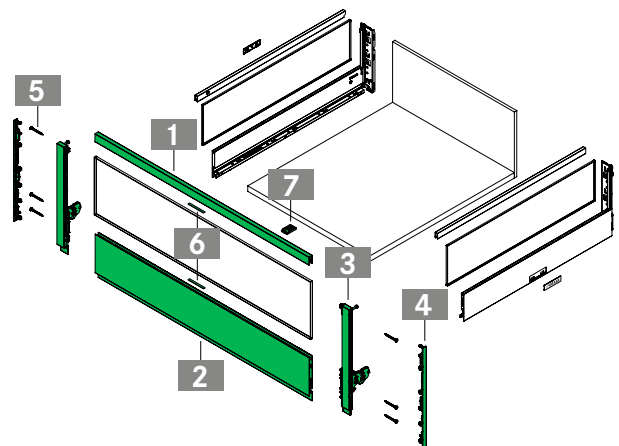
3 Vionaro V8 Clip with pre-assembled front holder and front stabiliser for inset panel Crystal Piece				
Assembly position	Ice	Stone	Zircon	
Left	F138140211	F138139379	F138139384	
Right	F138140212	F138139380	F138139385	

4 Vionaro V8 Cover caps for inset panel Crystal Piece: Left or right				
Assembly position	Ice	Stone	Zircon	
Left or right	F138138903	F138138902	F138138905	

5 Screw for Vionaro V8 inset panel Crystal Piece		
Nominal diameter x screw length	Art. no.	
3 x 30	F138138907	

6 Vionaro V8 Foam rubber for Crystal inset panel Piece		
Length	Art. no.	
40	F138140237	

7 Front-bottom panel connector for inset panel Piece		
Suitable for cabinet width	Art. no.	
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)	F136118025	



PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Assembly technology	109
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Individual components	52	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions

Diagram showing the top view of a drawer installation. Key dimensions include: LWK (total width), $RWB = LWK - 32$ (with $\text{min. RWB} = 148 \text{ mm}$), $LWK - 51$ (width to the side rail), $min. 184$ (height), 187 and 200 (internal heights), 16 and 16.3 (small clearances), $min. 38$ and 29.5 (bottom rail dimensions), 8.5 (corner radius), $BB = LWK - 22$ (bottom bracket width), and $IBL = LWK - 51$ (internal bracket length).

Cutting dimensions for divider railing and cross profile

Diagram showing the side view of the divider railing and cross profile. Key dimensions include: $IBL = LWK - 51$ (internal bracket length), 8 (thickness), 213.5 (total height), 16 (top rail height), and 89.8 (bottom rail height).

Cutting dimensions of slide-in element

Diagram showing the front view of the slide-in element. Key dimensions include: $LWK - 45^{+0.5}_{-1.0}$ (width), $5^{+0.3}_{-0.5}$ (thickness), 115 ± 0.5 (height), and $0.5 \times 45^\circ$ (angle). A note indicates:
* Glass slide-in element
Front-bottom connector

Diagram showing the 3D view of the front-bottom connector. Key dimensions include: $1/2$, $1/2$, 144 mm , $1x$, and $2x$.

KB=600-800 mm (1x)
KB=800-1200 mm (2x)

Minimum installation depth of inset drawer

Diagram showing the side view of the inset drawer. Key dimensions include: 37 (depth), $MET = NL + 12$ (total length), and 8 (thickness).

Foam rubber

Diagram showing three configurations for foam rubber installation. Key dimensions include:
 $KB = 300 - 600$
 $KB = 601 - 899$ with $x = (LWK - 50) / 3$
 $KB = 900 - 1200$ with $y = (LWK - 50) / 4$

Attachment positions for full extension slide

Diagram showing attachment positions for full extension slide for weights up to 40 kg . Key dimensions include: KV (height), 18 , 9 , 23 , 9 , 19 , 12 , 28 , 37 , 384 , 352 , 288 , 256 , 224 , 192 , 160 , 128 , 32 , 0 , and $MET = NL + 12$.

Diagram showing attachment positions for full extension slide for weights up to 70 kg . Key dimensions include: KV (height), 19 , 28 , 37 , 450 , 550 , 600 , 650 , 384 , 375 , 352 , 343 , 247 , 224 , 128 , 32 , 0 , and $MET = NL + 12$.

Euro screw $\varnothing 6,3 \times 14 \text{ mm}$
Chipboard screws $\varnothing 4 \times 16 \text{ mm}$
Head diameter 7 mm

LEGEND

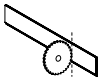
BB	Bottom panel width
IBL	Length of concealed drawer front
KB	Cabinet width
LWK	Inside cabinet width

MET	Minimum installation depth
NL	Nominal length
RWB	Back panel width
S	Side wall thickness

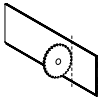
VIONARO V8

Inset panel for cutting to length - individual components

ORDER INFORMATION

1	Vionaro V8 Inset panel for inset drawer H89 for cutting to length Piece				
KB	Ice	Stone	Zircon		
1200	F138140369	F138140367	F138140370		

2	Vionaro V8 Cover caps for inset panel H89 Piece				
Assembly position		Ice	Stone	Zircon	
Left		F138140378	F138140372	F138140381	
Right		F138140379	F138140373	F138140382	

3	Vionaro V8 Inset panel for inset drawer H200 for cutting to length Piece				
KB	Ice	Stone	Zircon		
1200	F138140397	F138140395	F138140398		

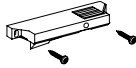
4	Vionaro V8 Cover caps for inset panel H200 Piece				
Assembly position		Ice	Stone	Zircon	
Left		F138140390	F138140384	F138140393	
Right		F138140391	F138140385	F138140394	

5	Vionaro V8 Front holder Piece: Left or right				
Mounting material		Art. no.			
Screw (excl.)				F138139690	

6	Vionaro V8 Front stabiliser Piece				
Type of assembly		Art. no.			
To screw				F138140408	

7	Screw for Vionaro V8 inset panel front holder Piece				
Nominal diameter x screw length		Art. no.			
3.5 x 10.8				F138140407	

8	Front-bottom panel connector for inset panel Piece		
Suitable for cabinet width		Art. no.	
From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)		F136118025	

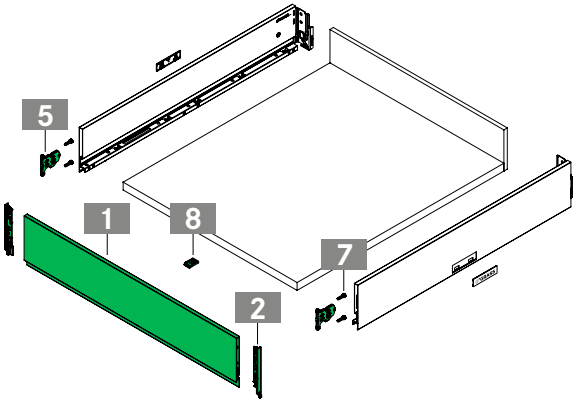
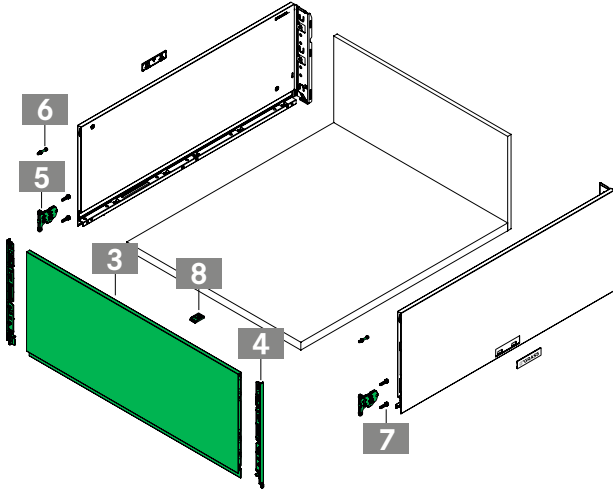
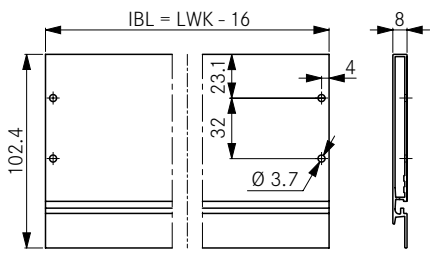
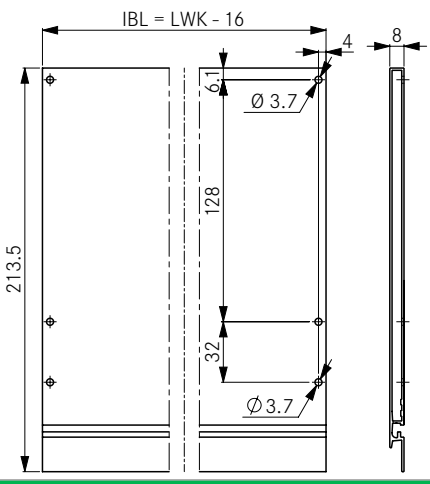
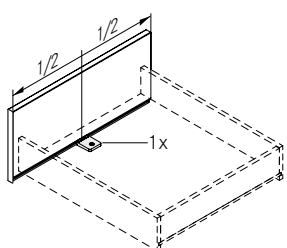
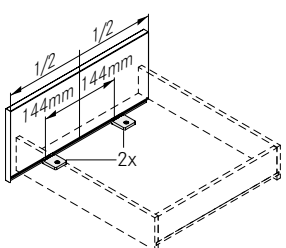
Inset drawer catch Piece: Inset drawer catch and pan head screws dia. 3.5 x 15 mm (2x)				
Ice		Stone		
F102132043		F102109714		

PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Sensomatic	89
Slides	30	Accessories	66	Assembly technology	109
Inset panels	40	Organising systems	77	Assembly aids	116

PLANNING INFORMATION

All dimensions in millimetres

Inset panel for inset drawer H89 Requires 1 (1x), 2 (1x), 5 (2x), 7 (4x) Optional: 8 	Inset panel for inset drawer H200 Requires 3 (1x), 4 (1x), 5 (2x), 6 (2x), 7 (4x) Optional: 8 
Inset panel H89 	Inset panel H200 
Front-bottom connector KB = 600-800 mm 	Front-bottom connector KB = 800-1200 mm 

LEGEND

IBL	Length of concealed drawer front
KB	Cabinet width
L	Length
LWK	Inside cabinet width

VIONARO V8

Inset panel Crystal for cutting to length - individual components

ORDER INFORMATION

1	Vionaro V8 Divider railing for inset panel Crystal for cutting to length Piece			
L	Ice	Stone	Zircon	
1117	F138140405	F138140403	F138140406	

2	Vionaro V8 Cross profile for inset panel Crystal for cutting to length Piece			
L	Ice	Stone	Zircon	
1117	F138140401	F138140399	F138140402	

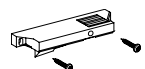
3	Vionaro V8 Clip with pre-assembled front holder and front stabiliser for inset panel Crystal Piece			
Assembly position		Ice	Stone	Zircon
Left		F138140211	F138139379	F138139384
Right		F138140212	F138139380	F138139385

4	Vionaro V8 Cover caps for inset panel Crystal Piece: Left or right			
Assembly position		Ice	Stone	Zircon
Left or right		F138138903	F138138902	F138138905

5	Screw for Vionaro V8 inset panel Crystal Piece			
	Nominal diameter x screw length		Art. no.	
	3 x 30		F138138907	

6	Vionaro V8 Foam rubber for Crystal inset panel Piece			
	Length		Art. no.	
	40		F138140237	

7	Front-bottom panel connector for inset panel Piece			
	Suitable for cabinet width		Art. no.	
	From 600 mm: 1 piece (Vionaro V13), From 600 - 800 mm: 1 piece (Vionaro V8), From 800 - 1200 mm: 2 pieces (Vionaro V8)		F136118025	

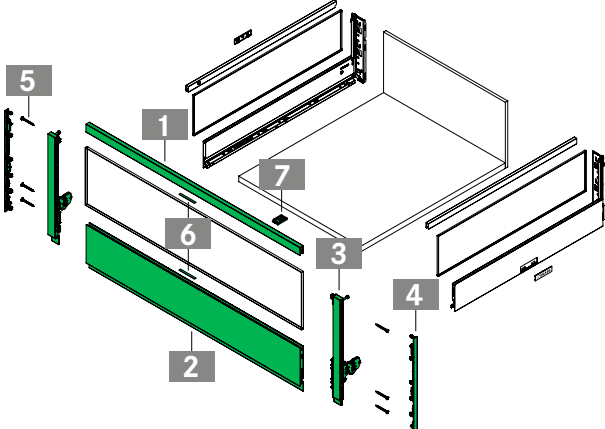
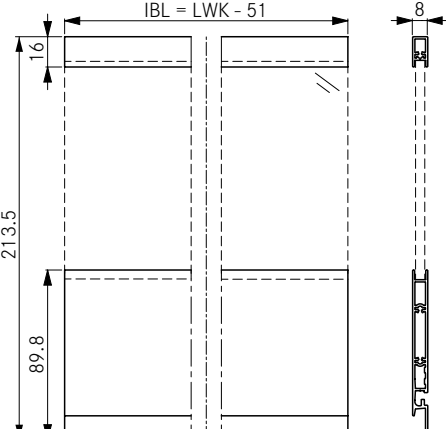
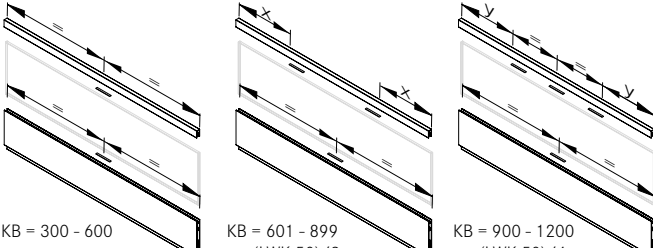
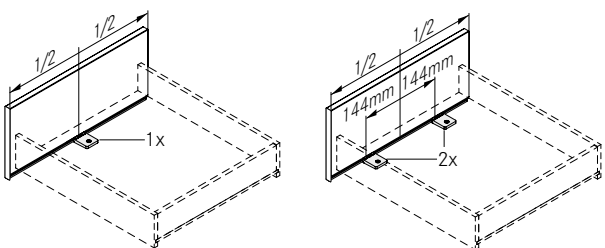
Inset drawer catch Piece: Inset drawer catch and pan head screws dia. 3.5 x 15 mm (2x)					
	Ice	Stone			
	F102132043	F102109714			

PAGE REFERENCES

Drawer sides	14	Steel back panels	60	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	44	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Inset panel Crystal for inset drawer H200 and Crystal 	Inset panel Crystal 
Foam rubber  KB = 300 - 600 KB = 601 - 899 $x = (LWK-50)/3$ KB = 900 - 1200 $y = (LWK-50)/4$	Front-bottom connector KB=600-800 mm (1x) KB=800-1200 mm (2x) 

LEGEND

IBL	Length of concealed drawer front
KB	Cabinet width
L	Length
LWK	Inside cabinet width

VIONARO V8

Steel back panels H72



- Slim 8-mm steel back panel design
- Colour coordinated with Vionaro V8 drawer sides

ORDER INFORMATION

1 Vionaro V8 Steel back panel H72, S16 Piece				
KB	Ice	Stone	Zircon	
600	F138138398	F138138368	F138138413	
700	F138138399	F138138369	F138138414	
800	F138138400	F138138370	F138138415	
900	F138138401	F138138371	F138138416	
1000	F138138402	F138138372	F138138417	
1100	F138138403	F138138373	F138138418	
1200	F138138404	F138138374	F138138419	

Thread-rolling countersunk head screw Piece		
	Nominal diameter x screw length	Art. no.
	3.5 x 7.5	F145117998

1 Vionaro V8 Steel back panel H72, S18 Piece				
KB	Ice	Stone	Zircon	
600	F138138473	F138138443	F138138488	
700	F138138474	F138138444	F138138489	
800	F138138475	F138138445	F138138490	
900	F138138476	F138138446	F138138491	
1000	F138138477	F138138447	F138138492	
1100	F138138478	F138138448	F138138493	
1200	F138138479	F138138449	F138138494	

1 Vionaro V8 Steel back panel H72, S19 Piece				
KB	Ice	Stone	Zircon	
600	F138139908	F138139772	F138139923	
700	F138139909	F138139773	F138139924	
800	F138139910	F138139774	F138139925	
900	F138139911	F138139775	F138139926	
1000	F138139912	F138139776	F138139927	
1100	F138139913	F138139777	F138139928	
1200	F138139914	F138139778	F138139929	

PAGE REFERENCES

Drawer sides	14	Accessories	66	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Bottom panel cutting dimensions
	* 8-mm wooden back panel: BL=NL-19, 16-mm wooden back panel: BL=NL-27
Steel back panel screw fitting (KB < 700)	Steel back panel screw fitting (KB ≥ 700)
Exploded Drawing	Screw fitting optional

LEGEND

B	Bottom panel	LWK	Inside cabinet width	
BB	Bottom panel width	NL	Nominal length	
BL	Bottom panel length	S	Side wall thickness	
KB	Cabinet width	STRW	Steel back panel	

VIONARO V8

Steel back panels H89



- Slim 8-mm steel back panel design
- Colour coordinated with Vionaro V8 drawer sides

ORDER INFORMATION

1 Vionaro V8 Steel back panel H89, S16 Piece				
				
KB	Ice	Stone	Zircon	
300	F138138527	F138138497	F138138542	
350	F138138528	F138138498	F138138543	
400	F138138529	F138138499	F138138544	
450	F138138530	F138138500	F138138545	
500	F138138531	F138138501	F138138546	
550	F138138532	F138138502	F138138547	
600	F138138533	F138138503	F138138548	
700	F138138534	F138138504	F138138549	
800	F138138535	F138138505	F138138550	
900	F138138536	F138138506	F138138551	
1000	F138138537	F138138507	F138138552	
1100	F138138538	F138138508	F138138553	
1200	F138138539	F138138509	F138138554	

1 Vionaro V8 Steel back panels H89, S19 Piece				
				
KB	Ice	Stone	Zircon	
300	F138139932	F138139781	F138139947	
350	F138139933	F138139782	F138139948	
400	F138139934	F138139783	F138139949	
450	F138139935	F138139784	F138139950	
500	F138139936	F138139785	F138139951	
550	F138139937	F138139786	F138139952	
600	F138139938	F138139787	F138139953	
700	F138139939	F138139788	F138139954	
800	F138139940	F138139789	F138139955	
900	F138139941	F138139790	F138139956	
1000	F138139942	F138139791	F138139957	
1100	F138139943	F138139792	F138139958	
1200	F138139944	F138139793	F138139959	

1 Vionaro V8 Steel back panel H89, S18 Piece				
				
KB	Ice	Stone	Zircon	
300	F138138602	F138138572	F138138617	
350	F138138603	F138138573	F138138618	
400	F138138604	F138138574	F138138619	
450	F138138605	F138138575	F138138620	
500	F138138606	F138138576	F138138621	
550	F138138607	F138138577	F138138622	
600	F138138608	F138138578	F138138623	
700	F138138609	F138138579	F138138624	
800	F138138610	F138138580	F138138625	
900	F138138611	F138138581	F138138626	
1000	F138138612	F138138582	F138138627	
1100	F138138613	F138138583	F138138628	
1200	F138138614	F138138584	F138138629	

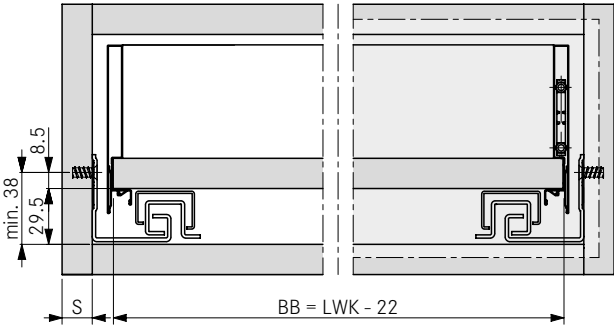
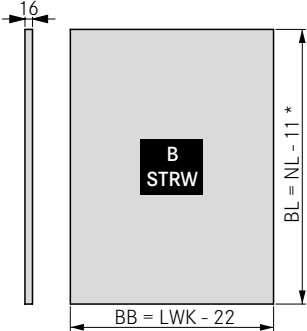
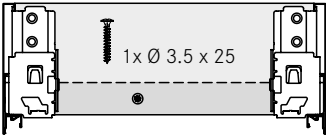
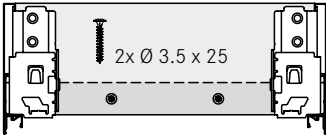
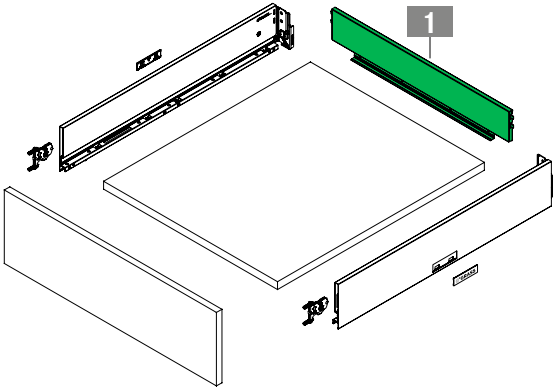
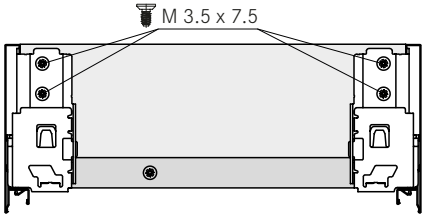
Thread-rolling countersunk head screw Piece		
		
	Nominal diameter x screw length	Art. no.
	3.5 x 7.5	F145117998

PAGE REFERENCES

Drawer sides	16	Accessories	66	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Bottom panel cutting dimensions
	
	* 8-mm wooden back panel: BL=NL-19, 16-mm wooden back panel: BL=NL-27
Steel back panel screw fitting (KB < 700)	Steel back panel screw fitting (KB ≥ 700)
	
Exploded Drawing	Screw fitting optional
	

LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
KB	Cabinet width

LWK	Inside cabinet width
NL	Nominal length
S	Side wall thickness
STRW	Steel back panel

VIONARO V8

Steel back panels H121



- Slim 8-mm steel back panel design
- Colour coordinated with Vionaro V8 drawer sides

ORDER INFORMATION

1 Vionaro V8 Steel back panel H121, S16 Piece				
				
KB	Ice	Stone	Zircon	
300	F138138662	F138138632	F138138677	
350	F138138663	F138138633	F138138678	
400	F138138664	F138138634	F138138679	
450	F138138665	F138138635	F138138680	
500	F138138666	F138138636	F138138681	
550	F138138667	F138138637	F138138682	
600	F138138668	F138138638	F138138683	
700	F138138669	F138138639	F138138684	
800	F138138670	F138138640	F138138685	
900	F138138671	F138138641	F138138686	
1000	F138138672	F138138642	F138138687	
1100	F138138673	F138138643	F138138688	
1200	F138138674	F138138644	F138138689	

1 Vionaro V8 Steel back panel H121, S19 Piece				
				
KB	Ice	Stone	Zircon	
300	F138139977	F138139962	F138139992	
350	F138139978	F138139963	F138139993	
400	F138139979	F138139964	F138139994	
450	F138139980	F138139965	F138139995	
500	F138139981	F138139966	F138139996	
550	F138139982	F138139967	F138139997	
600	F138139983	F138139968	F138139998	
700	F138139984	F138139969	F138139999	
800	F138139985	F138139970	F138140000	
900	F138139986	F138139971	F138140001	
1000	F138139987	F138139972	F138140002	
1100	F138139988	F138139973	F138140003	
1200	F138139989	F138139974	F138140004	

1 Vionaro V8 Steel back panel H121, S18 Piece				
				
KB	Ice	Stone	Zircon	
300	F138138737	F138138707	F138138752	
350	F138138738	F138138708	F138138753	
400	F138138739	F138138709	F138138754	
450	F138138740	F138138710	F138138755	
500	F138138741	F138138711	F138138756	
550	F138138742	F138138712	F138138757	
600	F138138743	F138138713	F138138758	
700	F138138744	F138138714	F138138759	
800	F138138745	F138138715	F138138760	
900	F138138746	F138138716	F138138761	
1000	F138138747	F138138717	F138138762	
1100	F138138748	F138138718	F138138763	
1200	F138138749	F138138719	F138138764	

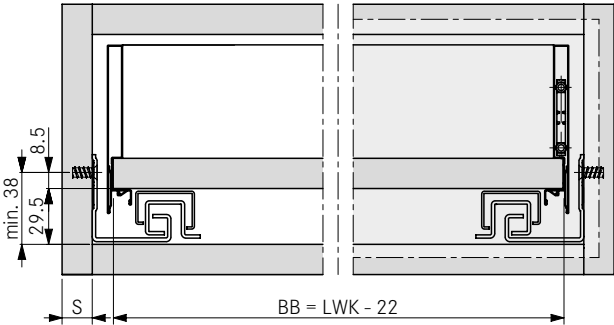
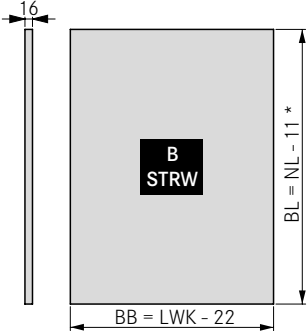
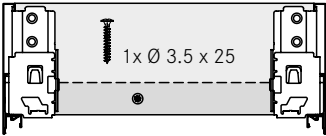
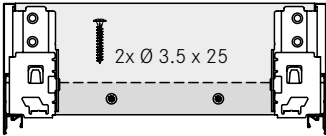
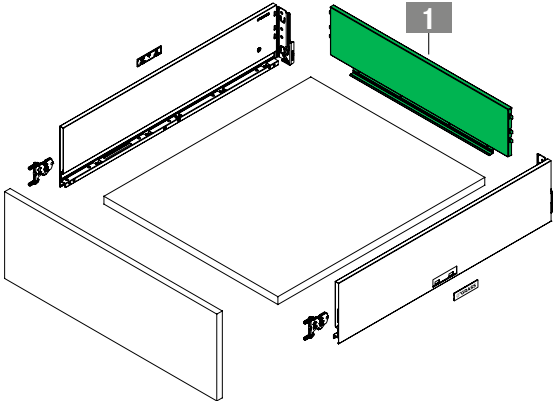
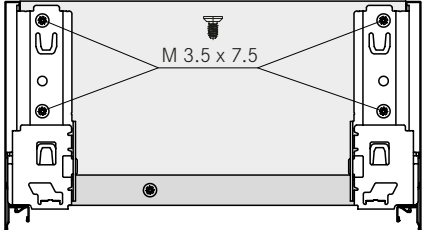
Thread-rolling countersunk head screw Piece		
		
	Nominal diameter x screw length	Art. no.
	3.5 x 7.5	F145117998

PAGE REFERENCES

Drawer sides	18	Accessories	66	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions 	Bottom panel cutting dimensions  * 8-mm wooden back panel: BL=NL-19, 16-mm wooden back panel: BL=NL-27
Steel back panel screw fitting (KB < 700) 	Steel back panel screw fitting (KB ≥ 700) 
Exploded Drawing 	Screw fitting optional 

LEGEND

B	Bottom panel	LWK	Inside cabinet width	
BB	Bottom panel width	NL	Nominal length	
BL	Bottom panel length	S	Side wall thickness	
KB	Cabinet width	STRW	Steel back panel	

VIONARO V8

Steel back panels H200



- Slim 8-mm steel back panel design
- Colour coordinated with Vionaro V8 drawer sides

ORDER INFORMATION

1 Vionaro V8 Steel back panel H200, S16 Piece				
KB	Ice	Stone	Zircon	
300	F138138797	F138138767	F138138812	
350	F138138798	F138138768	F138138813	
400	F138138799	F138138769	F138138814	
450	F138138800	F138138770	F138138815	
500	F138138801	F138138771	F138138816	
550	F138138802	F138138772	F138138817	
600	F138138803	F138138773	F138138818	
700	F138138804	F138138774	F138138819	
800	F138138805	F138138775	F138138820	
900	F138138806	F138138776	F138138821	
1000	F138138807	F138138777	F138138822	
1100	F138138808	F138138778	F138138823	
1200	F138138809	F138138779	F138138824	

1 Vionaro V8 Steel back panel H200, S19 Piece				
KB	Ice	Stone	Zircon	
300	F138140007	F138139796	F138140022	
350	F138140008	F138139797	F138140023	
400	F138140009	F138139798	F138140024	
450	F138140010	F138139799	F138140025	
500	F138140011	F138139800	F138140026	
550	F138140012	F138139801	F138140027	
600	F138140013	F138139802	F138140028	
700	F138140014	F138139803	F138140029	
800	F138140015	F138139804	F138140030	
900	F138140016	F138139805	F138140031	
1000	F138140017	F138139806	F138140032	
1100	F138140018	F138139807	F138140033	
1200	F138140019	F138139808	F138140034	

1 Vionaro V8 Steel back panel H200, S18 Piece				
KB	Ice	Stone	Zircon	
300	F138138872	F138138842	F138138887	
350	F138138873	F138138843	F138138888	
400	F138138874	F138138844	F138138889	
450	F138138875	F138138845	F138138890	
500	F138138876	F138138846	F138138891	
550	F138138877	F138138847	F138138892	
600	F138138878	F138138848	F138138893	
700	F138138879	F138138849	F138138894	
800	F138138880	F138138850	F138138895	
900	F138138881	F138138851	F138138896	
1000	F138138882	F138138852	F138138897	
1100	F138138883	F138138853	F138138898	
1200	F138138884	F138138854	F138138899	

Thread-rolling countersunk head screw Piece		
	Nominal diameter x screw length	Art. no.
	3.5 x 7.5	F145117998

PAGE REFERENCES

Drawer sides	20	Accessories	66	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Bottom panel cutting dimensions
	* 8-mm wooden back panel: BL=NL-19, 16-mm wooden back panel: BL=NL-27
Steel back panel screw fitting (KB < 700)	Steel back panel screw fitting (KB ≥ 700)
Exploded Drawing	Screw fitting optional

LEGEND

B	Bottom panel	LWK	Inside cabinet width	
BB	Bottom panel width	NL	Nominal length	
BL	Bottom panel length	S	Side wall thickness	
KB	Cabinet width	STRW	Steel back panel	

VIONARO V8

Steel back panels H250



- Slim 8-mm steel back panel design
- Colour coordinated with Vionaro V8 drawer sides

ORDER INFORMATION

1	Vionaro V8 Steel back panel H250, S16			
	Piece			
				
KB	Ice	Stone	Zircon	
400	F138140449	F138140441	F138140457	
450	F138140450	F138140442	F138140458	
500	F138140451	F138140443	F138140459	
600	F138140452	F138140444	F138140460	
800	F138140453	F138140445	F138140461	
900	F138140454	F138140446	F138140462	
1000	F138140455	F138140447	F138140463	
1200	F138140456	F138140448	F138140464	

Thread-rolling countersunk head screw		
Piece		
		
	Nominal diameter x screw length	Art. no.
	3.5 x 7.5	F145117998

1	Vionaro V8 Steel back panel H250, S18			
	Piece			
				
KB	Ice	Stone	Zircon	
400	F138140473	F138140465	F138140481	
450	F138140474	F138140466	F138140482	
500	F138140475	F138140467	F138140483	
600	F138140476	F138140468	F138140484	
800	F138140477	F138140469	F138140485	
900	F138140478	F138140470	F138140486	
1000	F138140479	F138140471	F138140487	
1200	F138140480	F138140472	F138140488	

1	Vionaro V8 Steel back panel H250, S19			
	Piece			
				
KB	Ice	Stone	Zircon	
400	F138140497	F138140489	F138140505	
450	F138140498	F138140490	F138140506	
500	F138140499	F138140491	F138140507	
600	F138140500	F138140492	F138140508	
800	F138140501	F138140493	F138140509	
900	F138140502	F138140494	F138140510	
1000	F138140503	F138140495	F138140511	
1200	F138140504	F138140496	F138140512	

PAGE REFERENCES

Drawer sides	22	Accessories	66	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Bottom panel cutting dimensions
Steel back panel screw fitting (KB < 700)	Steel back panel screw fitting (KB ≥ 700)
Exploded Drawing	Screw fitting optional

LEGEND

B	Bottom panel	LWK	Inside cabinet width
BB	Bottom panel width	NL	Nominal length
BL	Bottom panel length	S	Side wall thickness
KB	Cabinet width	STRW	Steel back panel

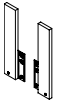
VIONARO V8

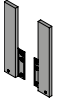
Sink drawer with low back panel



- Sink back panel clip for Vionaro V8 H200
- Enables the quick and easy production of drawers with recess for under-sink plumbing and rectangular wooden back panel - no special cutting needed
- Colour coordinated with all Vionaro V8 drawer sides

ORDER INFORMATION

1	Vionaro V8 Sink back panel clip Ice Piece				
	Ice	Ice			
	Left	Right			
	F138141394	F138141395			

1	Vionaro V8 Sink back panel clip Stone Piece				
	Stone	Stone			
	Left	Right			
	F138140415	F138140416			

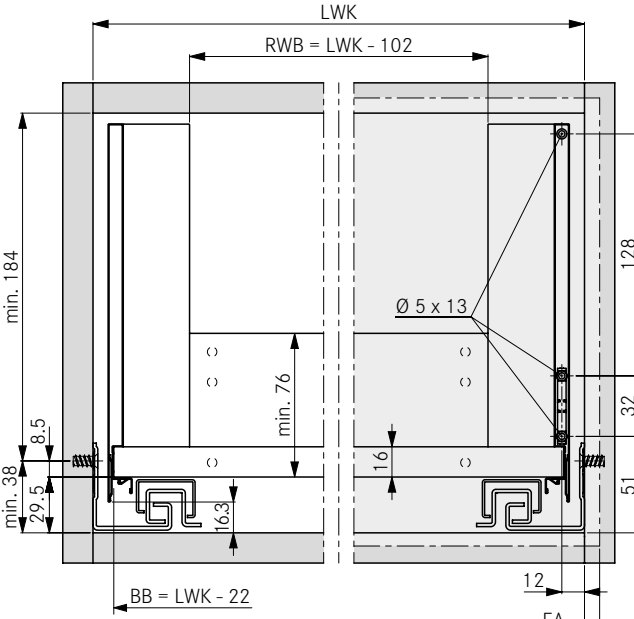
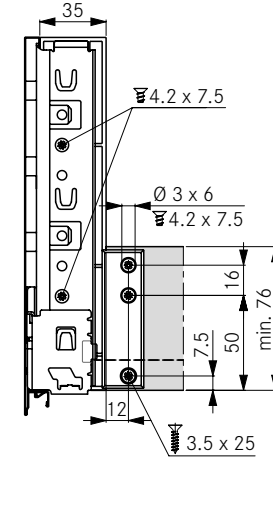
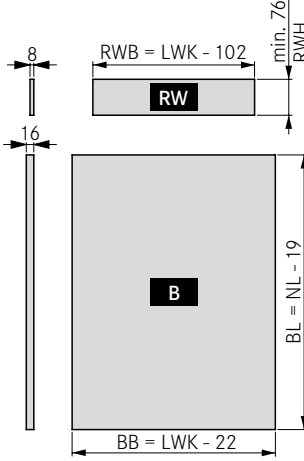
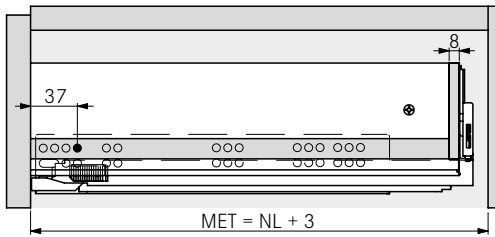
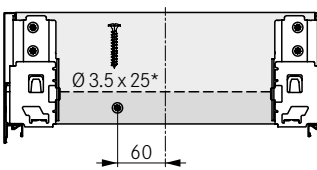
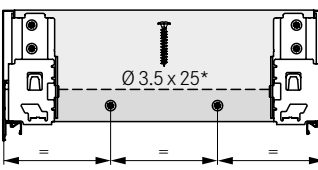
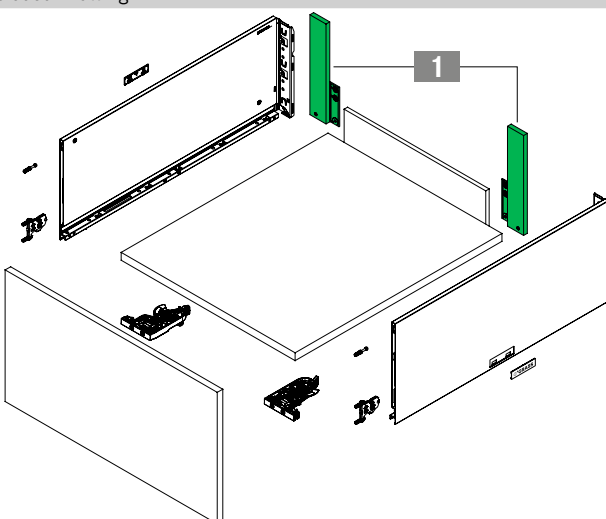
1	Vionaro V8 Sink back panel clip Zircon Piece				
	Zircon	Zircon			
	Left	Right			
	F138140429	F138140430			

PAGE REFERENCES

Drawer sides	20	Technical information	68	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Accessories	66	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

Front panel installation dimensions  Diagram showing front panel installation dimensions. Key dimensions include: LWK (Inside cabinet width), RWB = LWK - 102 (Back panel width), min. 184 (Total height), min. 38 (Front panel height), 29.5 (Front panel offset), 8.5 (Front panel offset), min. 76 (Internal height), 16.3 (Internal offset), BB = LWK - 22 (Bottom panel width), 12 (Front overlay), FA (Front overlay), 51 (Internal height), 32 (Internal height), 128 (Internal height).	Installation dimensions for back panel  Diagram showing installation dimensions for back panel. Key dimensions include: 35 (Back panel width), 4.2 x 7.5 (Screw size), Ø 3 x 6 (Screw size), 4.2 x 7.5 (Screw size), 16 (Back panel offset), 7.5 (Back panel offset), 50 (Back panel offset), min. 76 (Back panel height), 12 (Back panel offset), 3.5 x 25 (Screw size).	Chipboard cutting dimensions  Diagram showing chipboard cutting dimensions. Key dimensions include: 8 (Chipboard thickness), RWB = LWK - 102 (Back panel width), min. 76 (Back panel height), RWH (Back panel height), B (Bottom panel width), BL = NL - 19 (Bottom panel length), BB = LWK - 22 (Bottom panel width).
Minimum installation depth  Diagram showing minimum installation depth. Key dimensions include: 37 (Minimum installation depth), 8 (Minimum installation depth), MET = NL + 3 (Minimum installation depth).	Back panel screw fitting (KB < 700)  Diagram showing back panel screw fitting for KB < 700. Key dimensions include: Ø 3.5 x 25* (Screw size), 60 (Screw spacing). * 16-mm back panel: 3.5 x 35 mm	Back panel screw fitting (KB ≥ 700)  Diagram showing back panel screw fitting for KB ≥ 700. Key dimensions include: Ø 3.5 x 25* (Screw size), = (Screw spacing). * 16-mm back panel: 3.5 x 35 mm
Exploded Drawing  Diagram showing exploded drawing of the drawer system components. Key components include: 1 (Drawer front panel), 2 (Drawer back panel), 3 (Drawer bottom panel), 4 (Drawer side panel), 5 (Drawer top panel), 6 (Drawer front panel), 7 (Drawer back panel), 8 (Drawer bottom panel), 9 (Drawer side panel), 10 (Drawer top panel).		

LEGEND

B	Bottom panel	LWK	Inside cabinet width	RWB	Back panel width
BB	Bottom panel width	MET	Minimum installation depth	RWH	Back panel height
BL	Bottom panel length	NL	Nominal length		
FA	Front overlay	RW	Back panel		

Accessories

Description			Colour	Art. no.
• Inset drawer catch for opening the inset drawers simultaneously with the pot drawer • Push-button release			Stone	F102109714
			Ice	F102132043

Description			Suitable for cabinet width	Art. no.
- For wide drawers - Thanks to the ball joint, the alignment of the front can also be adjusted when the front-bottom panel connector is mounted			From 600 mm: 1 piece (Vionaro V8), From 600 mm: 1 piece (Vionaro V13), From 800 mm: 1 piece (Nova Pro)	F148026744

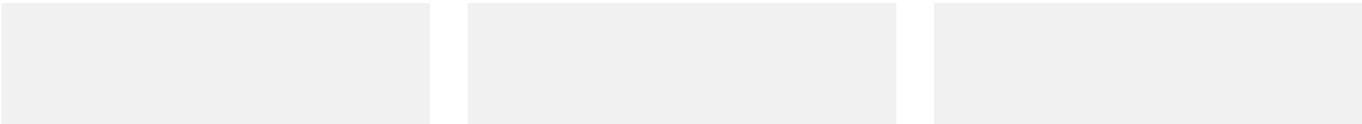
	Ø	L	Øh	Material	Internal drive			Art. no.
	4.2 mm	7.5 mm	7 mm	Steel	Z2			F138139696

	Ø	L	Colour	Material				Art. no.
	5 mm	12 mm		Plastic				F138141421

	Ø	L	Colour	Material				Art. no.
	5 mm	12 mm		Plastic				F138141422

Drawer sides	14	Steel back panels	54	Sensomatic	89
Slides	30	Technical information	68	Assembly technology	109
Inset panels	40	Organising systems	77	Assembly aids	116

LEGEND



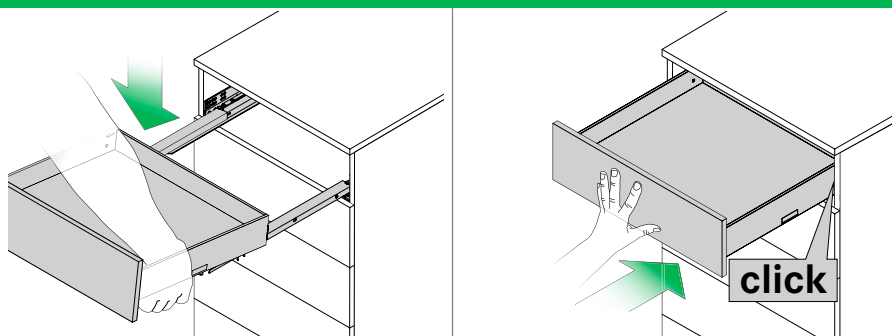
VIONARO V8

Technical information H72/H89/H121

INSTALLATION INSTRUCTIONS/REMOVAL INSTRUCTIONS

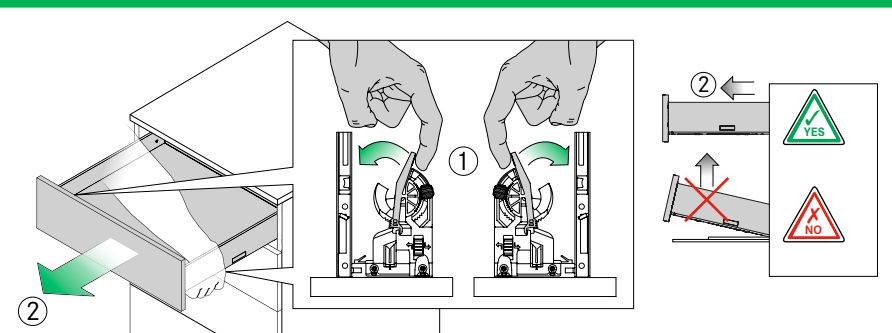
Inserting the drawer

Place the drawer on the extended slides. Slide the drawer in fully. **The drawer will lock automatically!**



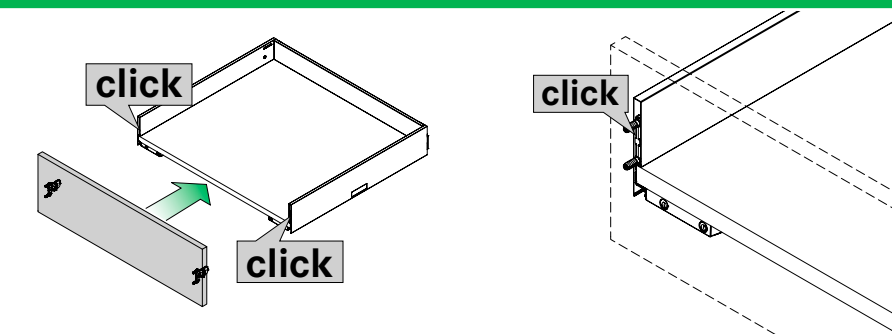
Removing the drawer

Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer forwards, away from the slide.

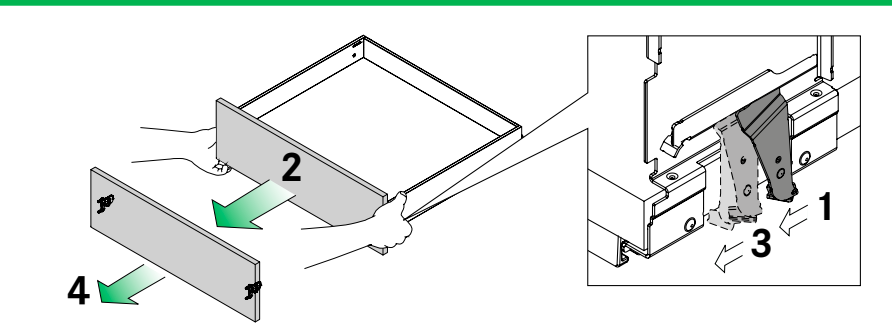


Front panel assembly

Slide the front holder into the drawer sides. The front panel engages automatically into place and is fixed.



Front panel removal

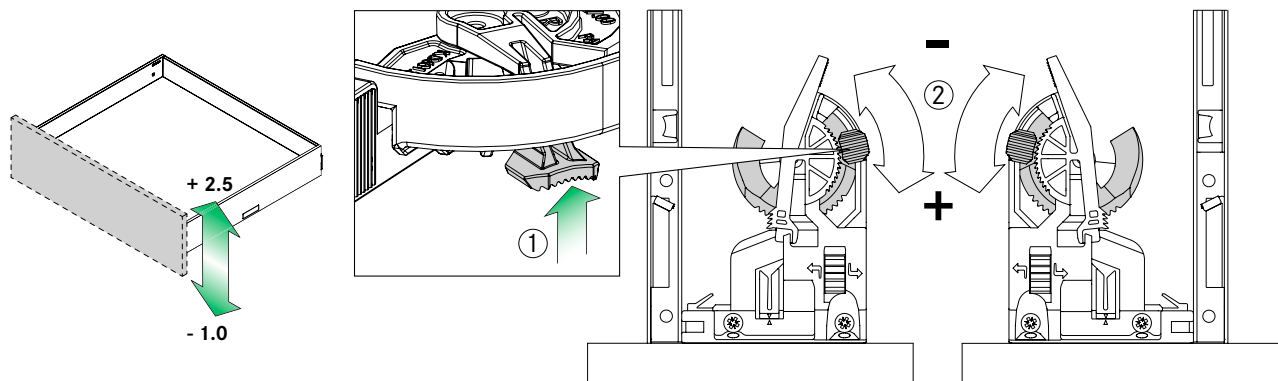


PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Sensomatic	89
Slides	30	Accessories	66	Assembly technology	109
Inset panels	40	Organising systems	77	Assembly aids	116

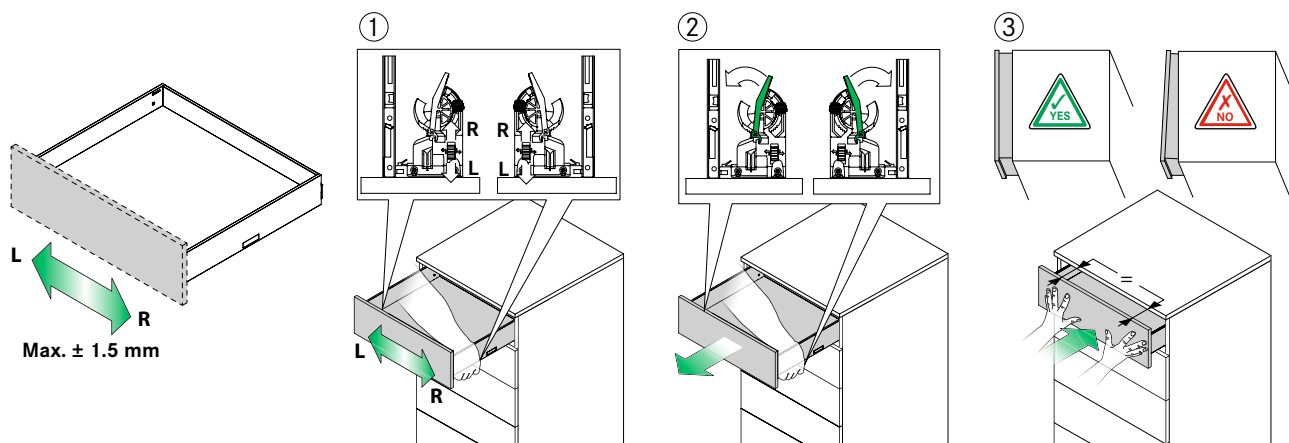
ADJUSTMENT

Height adjustment (+2.5/-1 mm)

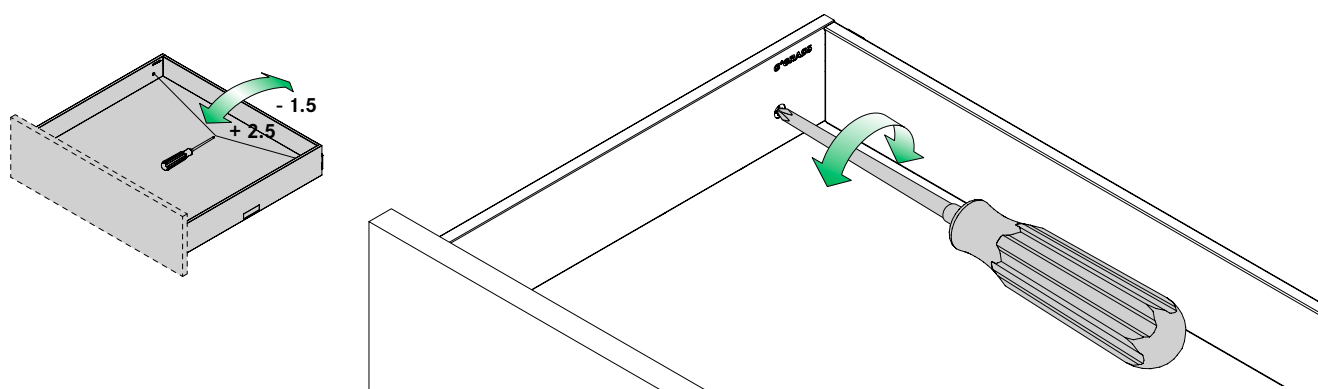


Side adjustment (± 1.5 mm)

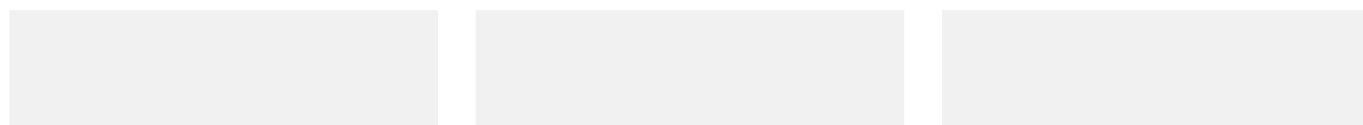
Perform on both sides.



Tilt angle adjustment (+2.5/-1.5 mm)



LEGEND



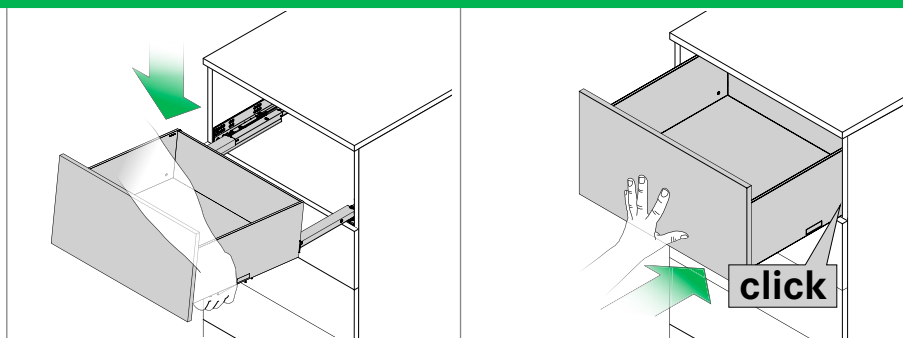
VIONARO V8

Technical information H200/H250

INSTALLATION INSTRUCTIONS/REMOVAL INSTRUCTIONS

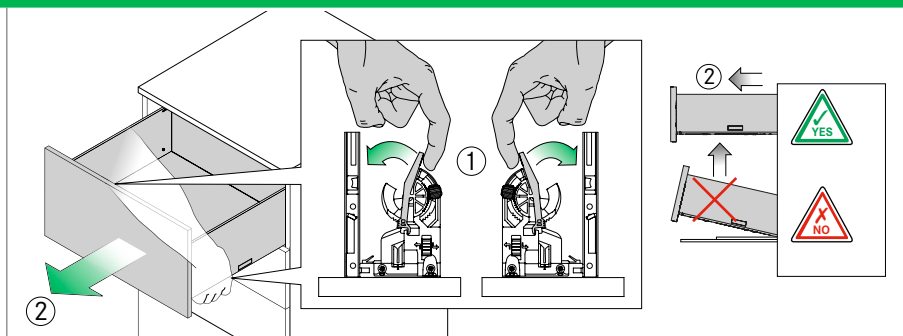
Inserting the drawer

Place the drawer on the extended slides. Slide the drawer in fully. **The drawer will lock automatically!**



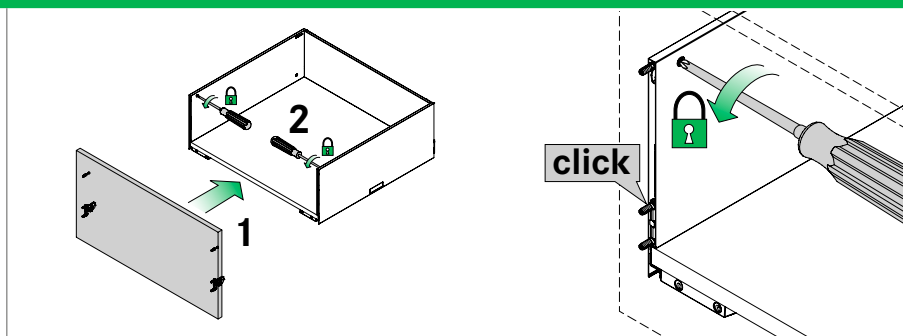
Removing the drawer

Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer forwards, away from the slide.

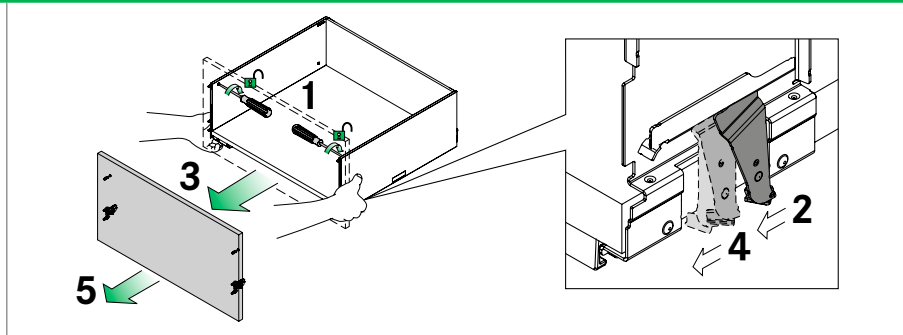


Front panel assembly

Slide the front holder into the drawer sides. The front panel engages automatically into place and is fixed.



Front panel removal

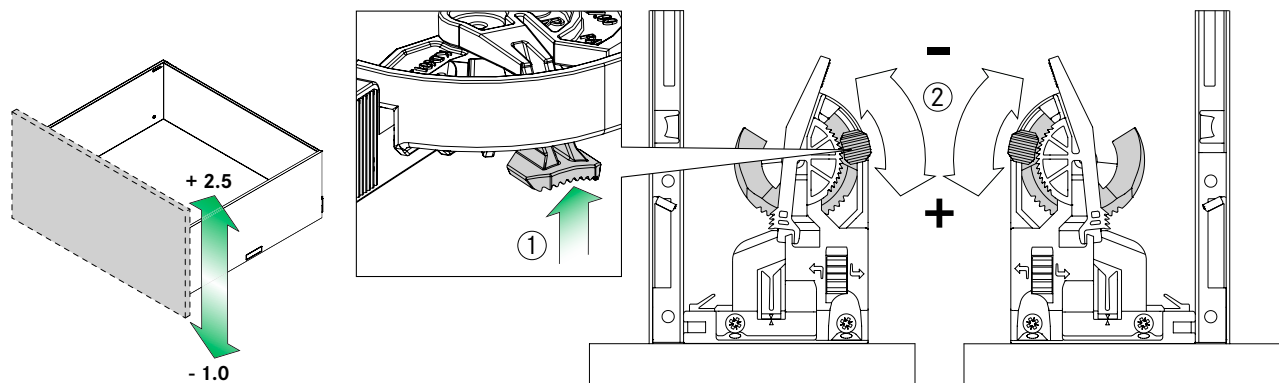


PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Sensomatic	89
Slides	30	Accessories	66	Assembly technology	109
Inset panels	40	Organising systems	77	Assembly aids	116

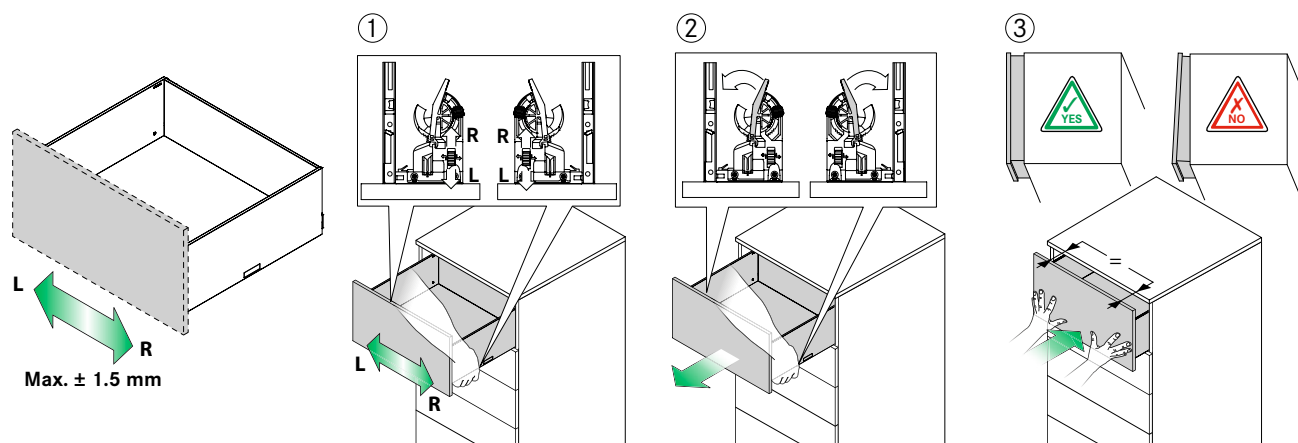
ADJUSTMENT

Height adjustment (+2.5/-1 mm)

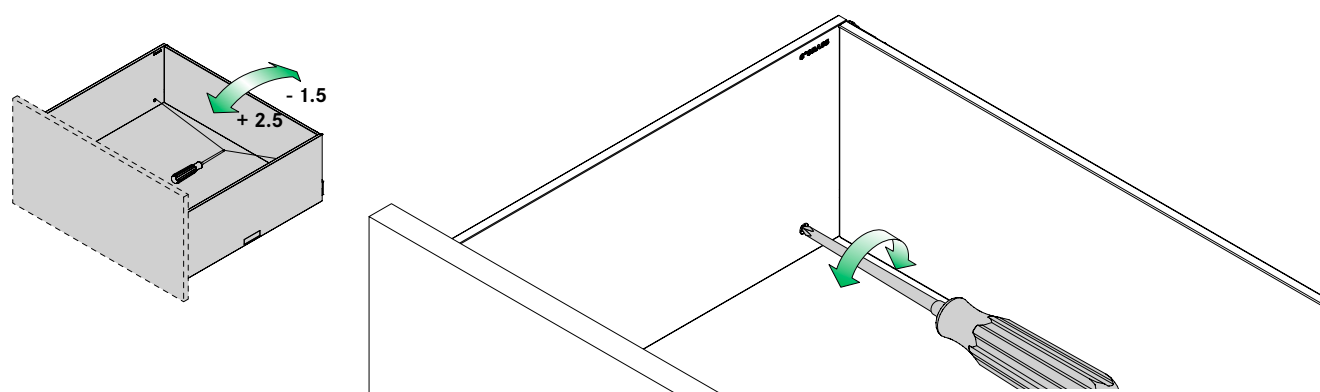


Side adjustment (± 1.5 mm)

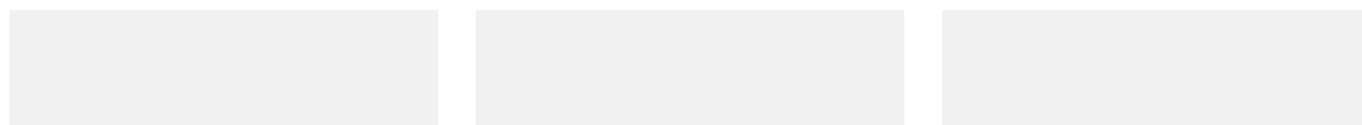
Perform on both sides.



Tilt angle adjustment (+2.5/-1.5 mm)



LEGEND



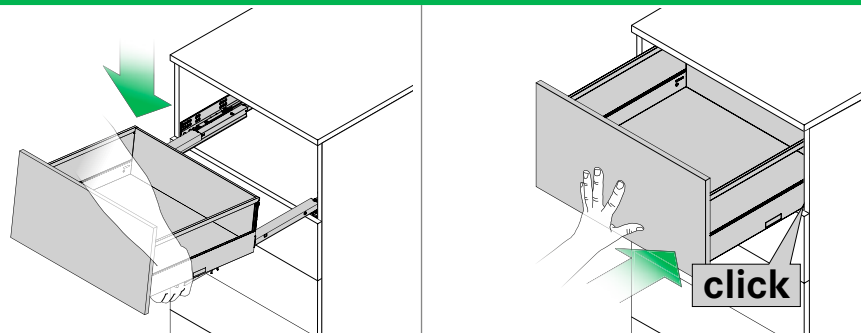
VIONARO V8

Technical information Crystal H77/H200

INSTALLATION INSTRUCTIONS/REMOVAL INSTRUCTIONS

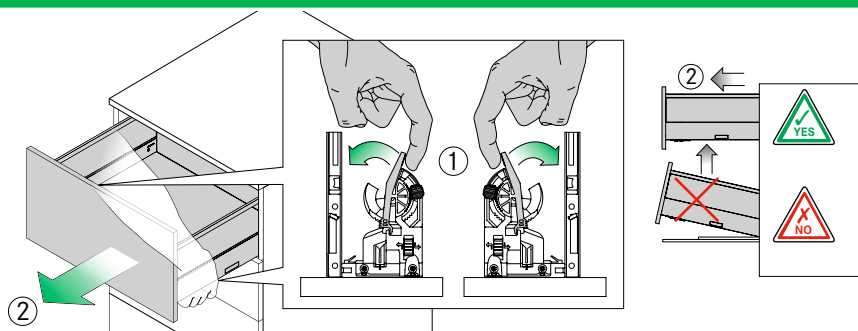
Inserting the drawer

Place the drawer on the extended slides. Slide the drawer in fully. **The drawer will lock automatically!**



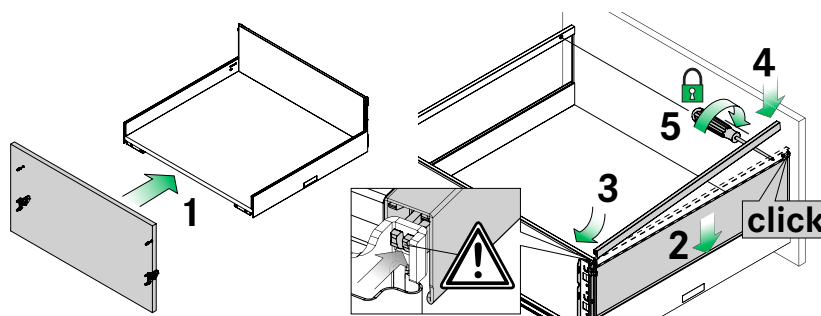
Removing the drawer

Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer forwards, away from the slide.

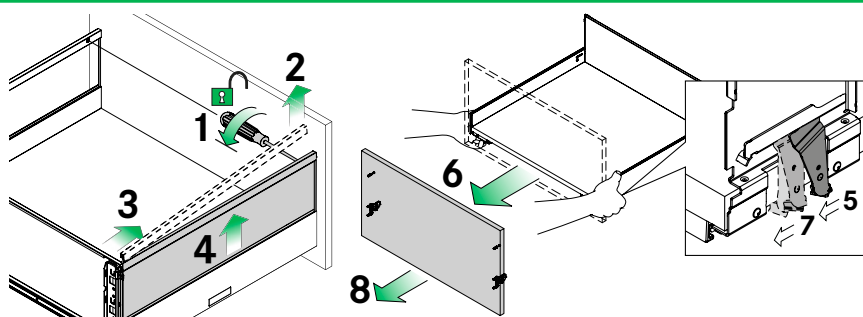


Front panel assembly

Slide the front holder into the drawer sides. The front panel engages automatically into place and is fixed.



Front panel removal

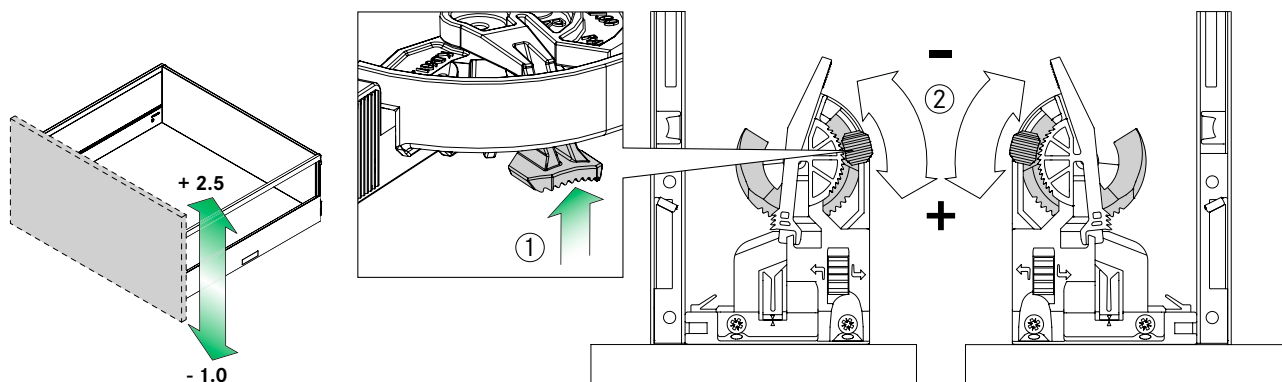


PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Sensomatic	89
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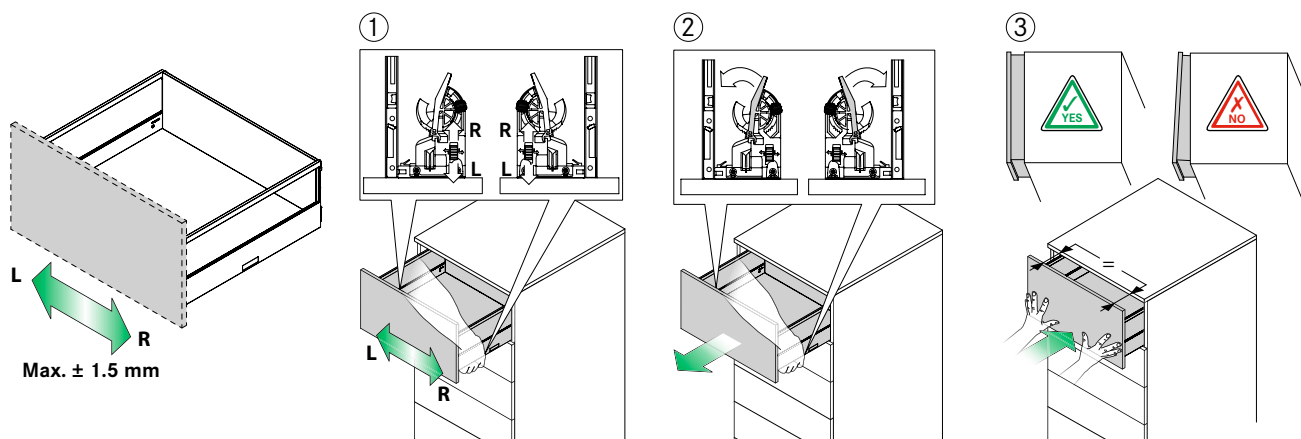
ADJUSTMENT

Height adjustment (+2.5/-1 mm)

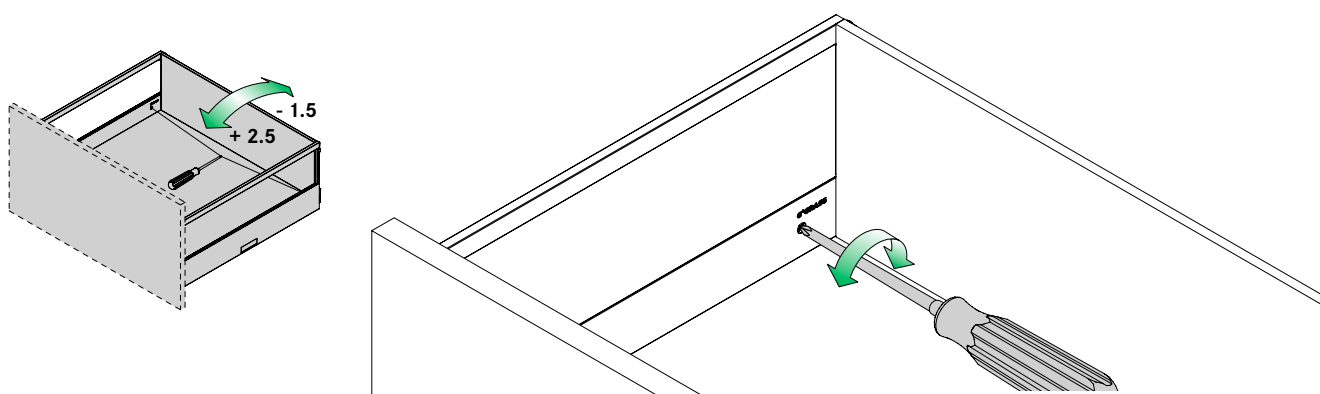


Side adjustment (± 1.5 mm)

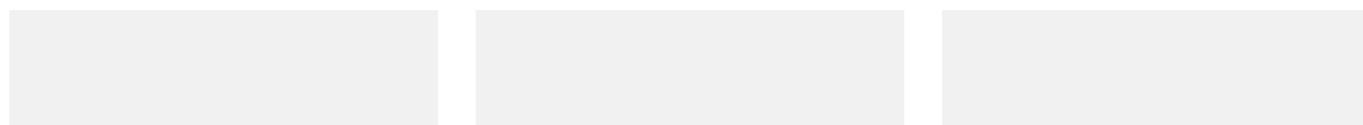
Perform on both sides.



Tilt angle adjustment (+2.5/-1.5 mm)



LEGEND

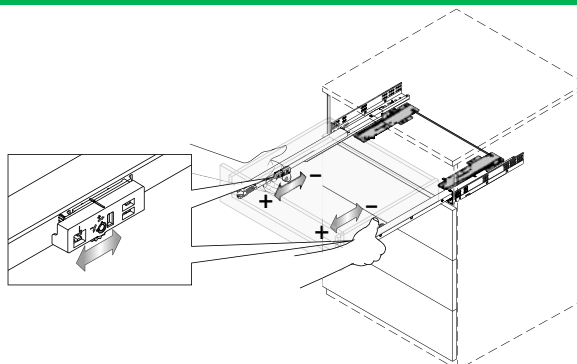
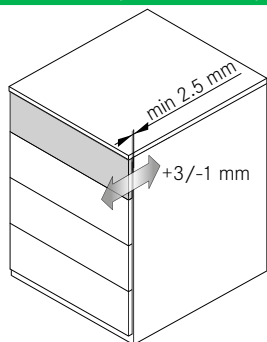


VIONARO V8

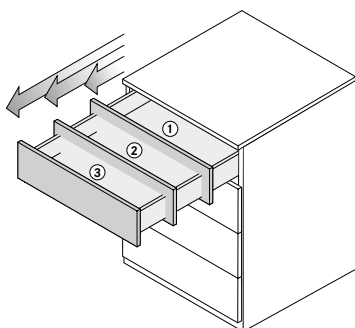
Technical information

DYNAPRO TIPMATIC SOFT-CLOSE

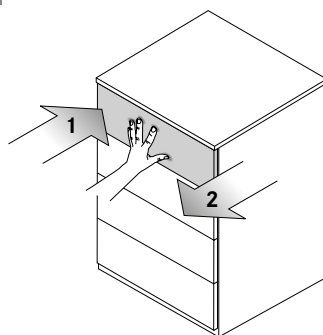
Front gap adjustment (+3 mm/-1 mm)



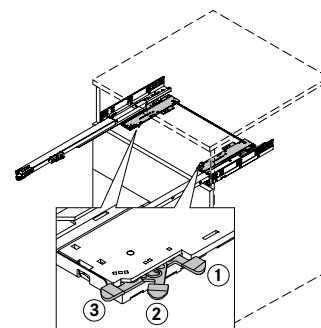
Opening force



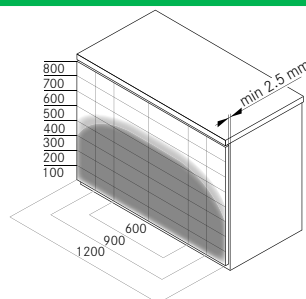
1



2



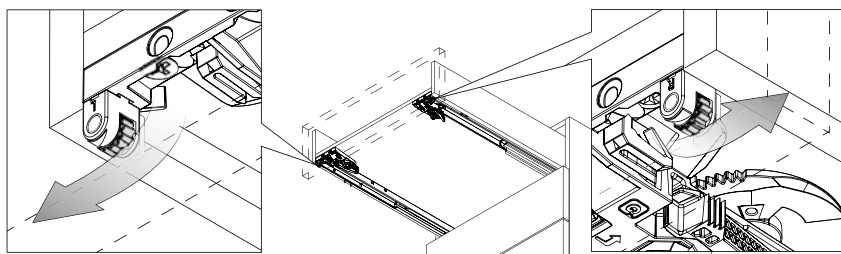
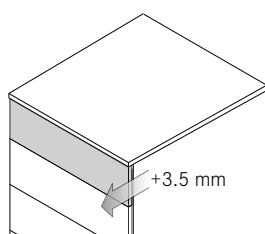
Activation zone



DYNAPRO DEPTH ADJUSTMENT

Depth adjustment (max. +3.5 mm)

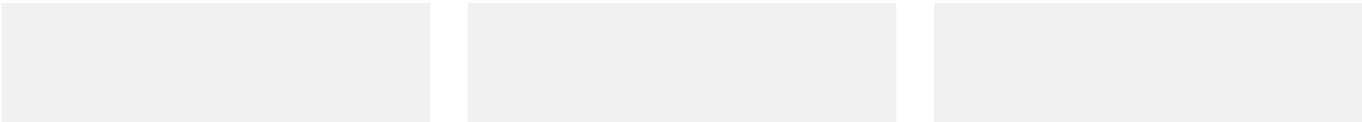
Can be used with Dynapro Soft-close slides



PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Sensomatic	89
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Inset panels	40	Organising systems	77	Assembly aids	116

LEGEND





Systematic
simplicity.
Flexible.
Modular.

The dividing and organising systems are colour-coordinated with V8 to form a unique whole. They dissolve the boundaries between drawer and divider and form a harmonious total work of art.

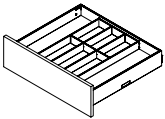
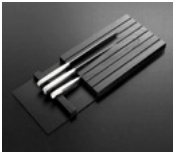
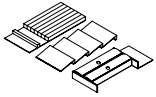
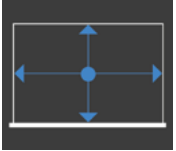
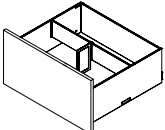
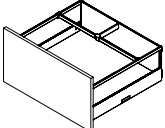
Knife block, foil roll holder or spice rack – it's the right accessories that turn drawer compartments into an integrated interior accessory system.



With its slim 8 mm divider profiles and the linear smartboards, Tavinea Optima provides the perfect match for Vionaro V8.

Dividing and organising systems

Organising, dividing, fitting out –
useful aids for organising storage space.

	Description		Page
	Tavinea Sorto Interior accessory system • Modular interior accessory system • Perfect organisation inside drawers for cutlery and small sundry items • High-quality frames and length dividers made of powder-coated steel		78
	Tavinea Sorto Accessories • The perfect accessories for any application • Knives, spice jars, foil rolls, cutlery or even perfume – with Tavinea Sorto accessories, everything is perfectly sorted • High-quality materials: aluminium and solid wood		80
	Tavinea Sorto Planning dimensions		82
	Tavinea Optima Dividing system • Dividing system for pot drawers • Organisation of storage space making everything visible at a glance • Simple, tool-free assembly		84
	Vionaro V8 Divider railing and longitudinal divider • Divider railing for all Vionaro V8 regular and pot drawers • Easy assembly by mounting on the drawer side • Can be retrofitted at any time • Tool-free adjustment		86

TAVINEA SORTO

Interior accessory system

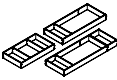


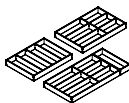
- Perfect organisation inside drawers for cutlery and small sundry items
- High-quality frame and length dividers made of powder-coated steel
- Innovative anti-slip pads ensure that the frames stay in place

Notice:

- Tavinea Sorto fits 8 mm back panel thickness
- Inside drawer depth varies depending on the thickness of the back panel
- Tavinea Sorto B186 can be used for cabinet width 300 and above
- Tavinea Sorto B276 can be used for cabinet width 400 and above

ORDER INFORMATION

1 Tavinea Sorto B186 Piece				
				
NL	Ice	Stone	Zircon	
350	F007132925	F007130074	F007132926	
400	F007132927	F007130078	F007132928	
450	F007132929	F007130082	F007132930	
500	F007132931	F007130086	F007132932	
550	F007132933	F007130090	F007132934	
600	F007132935	F007130094	F007132936	
650	F007132937	F007130098	F007132938	

2 Tavinea Sorto B276 Piece				
				
NL	Ice	Stone	Zircon	
400	F007132913	F007130050	F007132914	
450	F007132915	F007130054	F007132916	
500	F007132917	F007130058	F007132918	
550	F007132919	F007130062	F007132920	
600	F007132921	F007130066	F007132922	
650	F007132923	F007130070	F007132924	

3 Tavinea Sorto length divider Piece				
				
NL	Ice	Stone	Zircon	
350	F007132939	F007130102	F007132940	
400	F007132941	F007130106	F007132942	
450	F007132943	F007130110	F007132944	
500	F007132945	F007130114	F007132946	
550	F007132947	F007130118	F007132948	
600	F007132949	F007130122	F007132950	
650	F007132951	F007130126	F007132952	

PAGE REFERENCES

Drawer sides	16	Steel back panels	54	Assembly technology	109
Slides	30	Accessories	80	Assembly aids	116
Inset panels	40	Sensomatic	89		

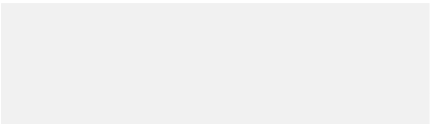
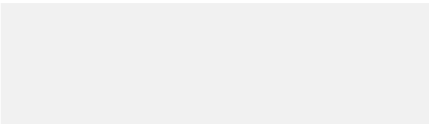
PLANNING INFORMATION

All dimensions in millimetres

Tavinea Sorto B186		
1		
	NL 350	NL 400-500
		NL 550-650
Tavinea Sorto B276		
2		
	NL 400	NL 450-500
		NL 550-650
Tavinea Sorto length divider		
3		

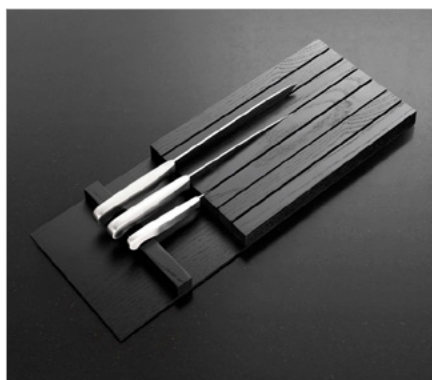
LEGEND

B	Width
KB	Cabinet width
NL	Nominal length



TAVINEA SORTO

Accessories

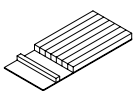


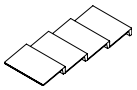
- The perfect accessories for any application
- Knives, spice jars, foil rolls, cutlery or even perfume – with Tavinea Sorto accessories, everything is perfectly sorted
- High-quality materials: aluminium and solid wood

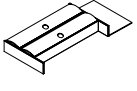
Notice:

- Tavinea Sorto fits 8 mm back panel thickness
- Inside drawer depth varies depending on the thickness of the back panel
- Accessories are hygiene-tested and food-safe

ORDER INFORMATION

1 Knife block Piece 				
NL	Ash, bright	Ash, dark		
450	F007108657	F007108658		
500	F007101990	F007101995		

2 Spice rack Piece 				
NL	Ash, bright	Ash, dark		
500	F007101992	F007101997		

3 Foil roll holder Piece 				
NL	Ash, bright	Ash, dark		
500	F007101994	F007101999		

4 Levelling element Piece 				
	Ash, bright	Ash, dark		
	F007108659	F007108660		

PAGE REFERENCES

Drawer sides	16	Steel back panels	54	Assembly technology	109
Slides	30	Tavinea Sorto	78	Assembly aids	116
Inset panels	40	Sensomatic	89		

PLANNING INFORMATION

All dimensions in millimetres

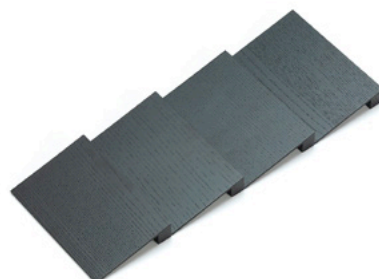
Knife block

1



Spice rack

2



Foil roll holder

3



LEGEND

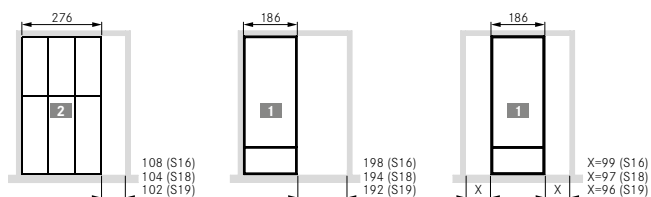
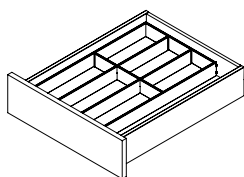
NL Nominal length

TAVINEA SORTO

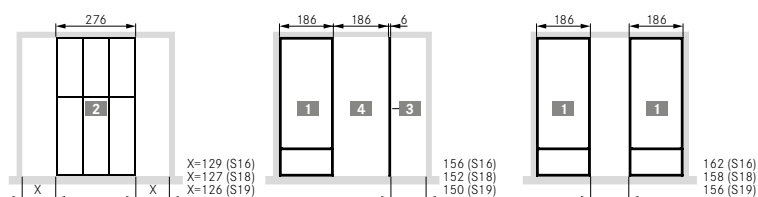
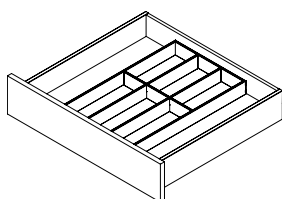
Planning dimensions

APPLICATION EXAMPLES

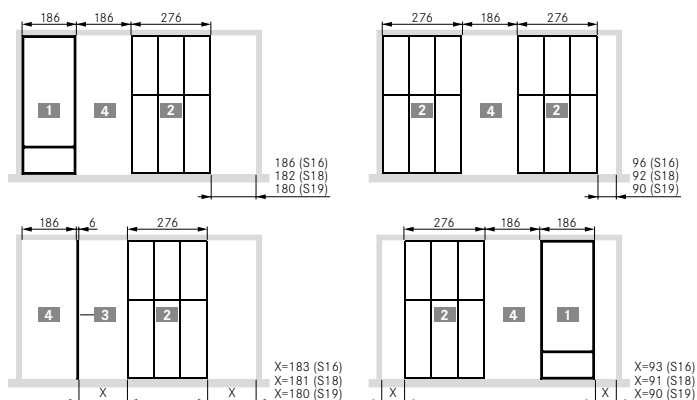
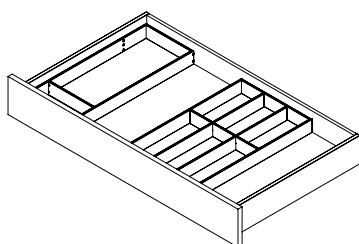
KB 450



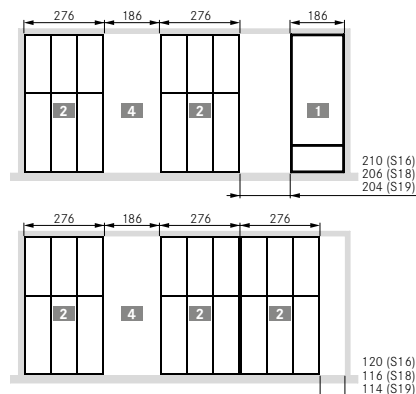
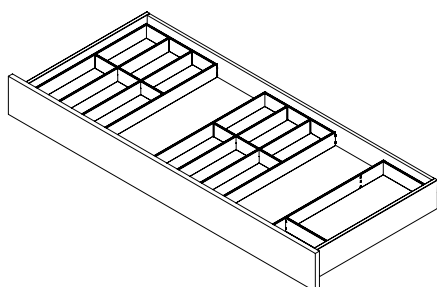
KB 600



KB 900



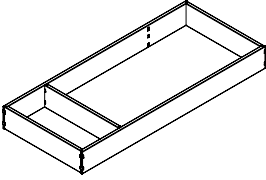
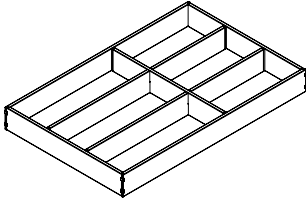
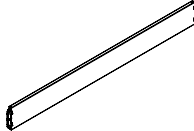
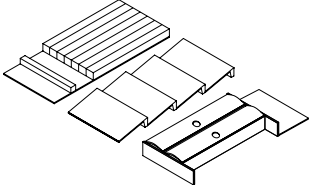
KB 1200

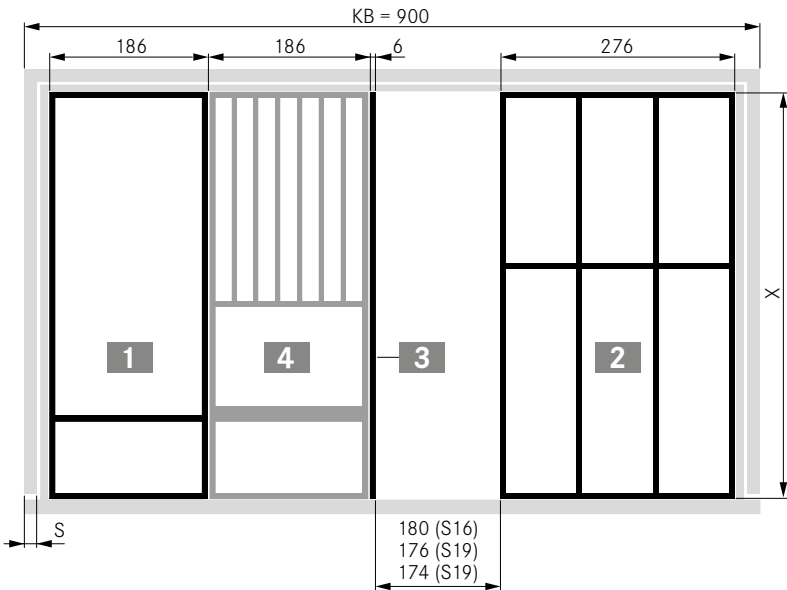


PAGE REFERENCES

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Inset panels	40	Sensomatic	89		

APPLICATION EXAMPLES

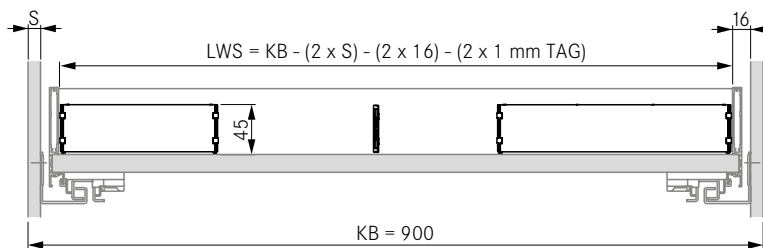
Description			
1	2	3	4
			



NL	X
350	329
400	379
450	429
500	479
550	530
600	580
650	630

PLANNING INFORMATION

Installation dimensions



S	Cabinet width (KB)								
	300	400	450	500	600	800	900	1000	1200
16	234	334	384	434	534	734	834	934	1134
18	230	330	380	430	530	730	830	930	1130
19	228	328	378	428	528	728	828	928	1128
Inside drawer width (LWS)									

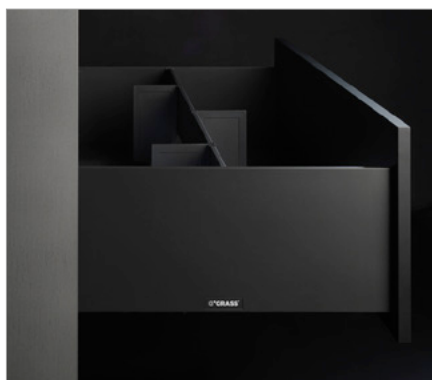
LEGEND

KB Cabinet width
LWS Inside drawer width
NL Nominal length
S Side wall thickness

TAG Tolerance compensation

TAVINEA OPTIMA

Dividing system

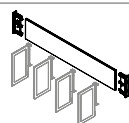


- Dividing system for pot drawers
- Organisation of storage space making everything visible at a glance
- Simple, tool-free assembly
- Tool-free adjustment for variable use of storage space
- Can be retrofitted at any time
- Colour coordinated with drawer sides

ORDER INFORMATION

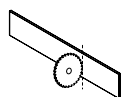
Tavinea Optima

Set: Divider profile, profile holder (2x), smartboards (KB 450: 1x, KB 500/600: 2x, KB 800/900: 3x, KB 1000/1200: 4x)



KB	Ice	Stone	Zircon	
300	F007140440	F007140285	F007140303	
400	F007140295	F007140286	F007140304	
450	F007140296	F007140287	F007140305	
500	F007140297	F007140288	F007140306	
600	F007140298	F007140289	F007140307	
800	F007140299	F007140291	F007140308	
900	F007140300	F007140292	F007140309	
1000	F007140301	F007140293	F007140310	
1200	F007140302	F007140294	F007140311	

1 Tavinea Optima Divider profile for cutting to length Piece



L	Ice	Stone	Zircon	
1120	F007140282	F007140281	F007140283	

2 Tavinea Optima Profile holder Piece: Left or right

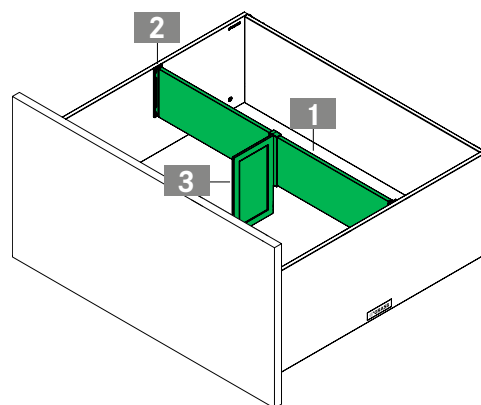


	Ice	Stone	Zircon	
	F007140278	F007140277	F007140280	

3 Tavinea Optima Smartboard Piece



	Ice, Snow white	Stone, Graphite	Zircon	
	F007130246	F007130245	F007131019	

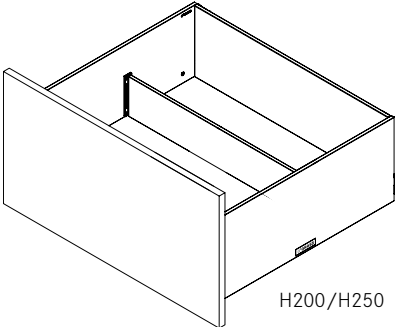
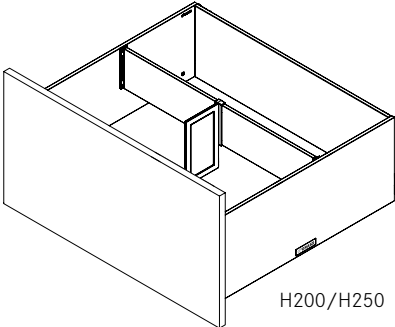
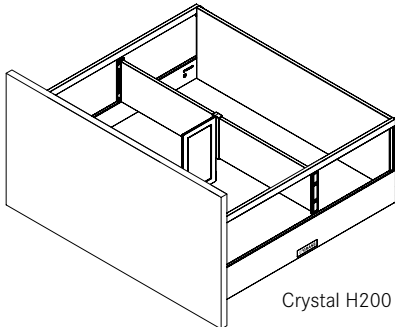
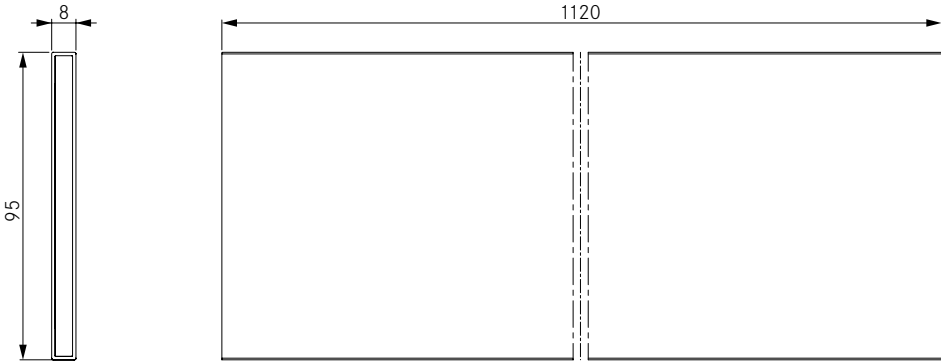
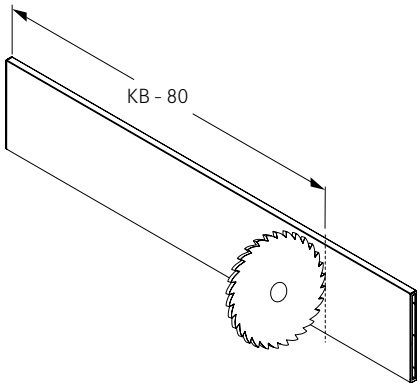
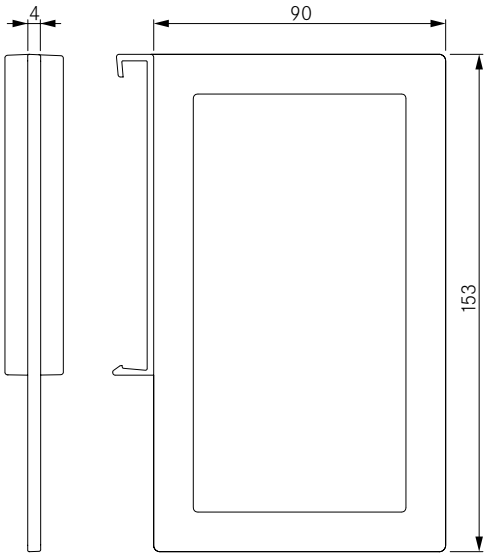


PAGE REFERENCES

Drawer sides	20	Steel back panels	54	Assembly aids	116
Slides	30	Sensomatic	89		
Inset panels	40	Assembly technology	109		

PLANNING INFORMATION

All dimensions in millimetres

Applications	
 H200/H250	 H200/H250
 Crystal H200	
Divider profile	
	
Cutting dimensions for divider profile	Smartboard
 KB - 80	 4 90 153

LEGEND

KB	Cabinet width
L	Length

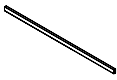
VIONARO V8

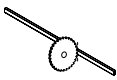
Divider railing and longitudinal divider



- Divider railing for all Vionaro V8 regular and pot drawers
- Easy assembly by mounting on the drawer side
- Can be retrofitted at any time
- Tool-free adjustment

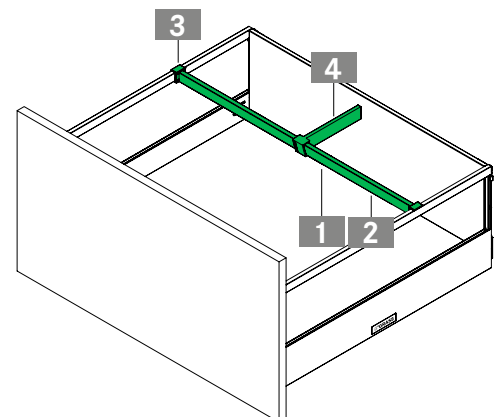
ORDER INFORMATION

1 Vionaro V8 Divider railing Piece 				
KB	Ice	Stone	Zircon	
250	F138139579	F138139553	F138139592	
300	F138139580	F138139554	F138139593	
350	F138139581	F138139555	F138139594	
400	F138139582	F138139556	F138139595	
450	F138139583	F138139557	F138139596	
500	F138139584	F138139558	F138139597	
550	F138139585	F138139559	F138139598	
600	F138139586	F138139560	F138139599	
800	F138139587	F138139561	F138139600	
900	F138139588	F138139562	F138139601	
1000	F138139589	F138139563	F138139602	
1200	F138139590	F138139564	F138139603	

2 Vionaro V8 Divider railing for cutting to length Piece 				
L	Ice	Stone	Zircon	
1150	F138139591	F138139565	F138139604	

3 Vionaro V8 Clip for divider railing Piece: Left or right 				
	Ice	Stone	Zircon	
	F138138197	F138138195	F138138198	

4 Longitudinal divider railing Piece 				
L	Ice	Stone	Zircon	
100	F138141090	F138141089	F138141091	



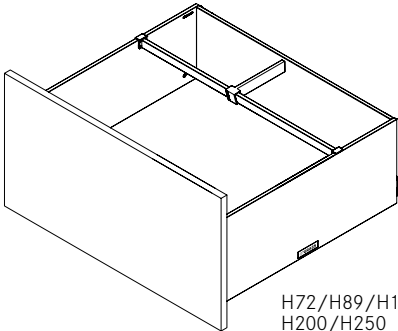
PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly aids	116
Slides	30	Sensomatic	89		
Inset panels	40	Assembly technology	109		

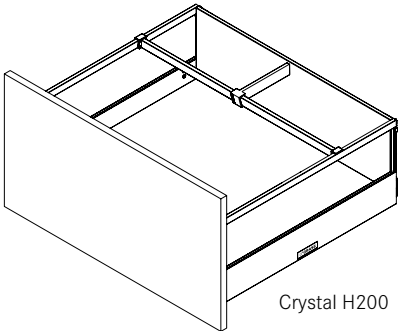
PLANNING INFORMATION

All dimensions in millimetres

Applications

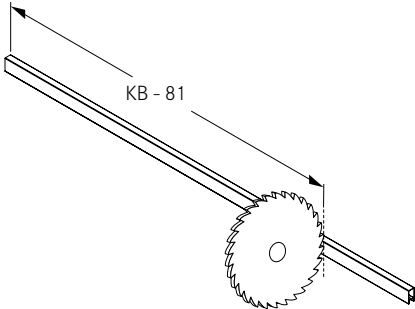


H72/H89/H121
H200/H250



Crystal H200

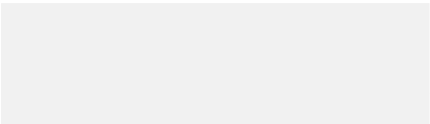
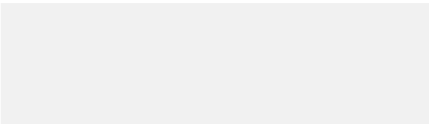
Cutting dimensions for divider railing



KB - 81

LEGEND

KB	Cabinet width
L	Length



Sensomatic can be triggered across the entire front surface by lightly tapping or pulling, even with large, high fronts, and sets drawers in motion smoothly and elegantly.

Comfort System for handle-free opening.

WITH THE SENSOMATIC TOUCH-ACTIVATED AUTOMATIC SYSTEM, A GENTLE TAP IS ALL THAT IS NEEDED TO SET REGULAR AND POT DRAWERS IN MOTION. **MECHANICAL TAPPING OR PULLING IS CONVERTED INTO AN ELECTRICAL SIGNAL, WHICH STARTS THE MOVEMENT WITHIN A FEW FRACTIONS OF A SECOND. SMOOTH, PRECISE AND ELEGANT AT THE SAME TIME.** SENSOMATIC IS AN INTER-ACTIVE MOVEMENT SYSTEM FOR MAXIMUM EASE OF USE AND FREEDOM OF MOVEMENT.

Action.
Reaction.
Interaction.



To enable you to test the special properties of Sensomatic yourself, we also supply the electro-mechanical **opening system** as a practical single set.

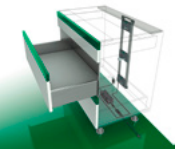
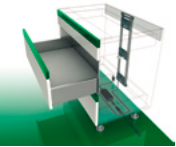
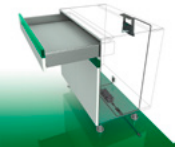
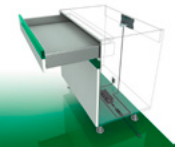
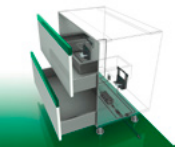
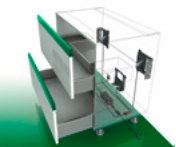
grass.eu

Sensomatic

Opening system

Electro-mechanical opening of drawers.

For a balance between stylish design and functional comfort.

	Description		Page
	Sensomatic Single Set • Complete set for one drawer • For cabinet widths up to 1200 mm • Easy to assemble • Extremely simple wiring (plug and play)		90
	Sensomatic Standard cabinet, horizontal wooden stretcher • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		92
	Sensomatic Standard cabinet vertical wooden stretcher • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		94
	Sensomatic Single drawer, overhead frame set mounting • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		96
	Sensomatic Single drawer back panel frame set mounting • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		98
	Sensomatic Sink cabinet bottom panel frame set mounting • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		100
	Sensomatic Sink cabinet side panel frame set mounting • Smallest additional space requirement between back drawer panel and cabinet • Extremely simple wiring (plug and play) • Only one drive unit for cabinet widths up to 1200 mm • Large activation zone		102

Tipmatic Soft-close

Complete comfort without electronics.

Tipmatic Soft-close keeps mechanical opening without electronic support perfectly under control. This makes Tipmatic Soft-close one of the world's most successful opening systems for handle-free drawers. Tipmatic Soft-close can be found under slides.

SENSOMATIC

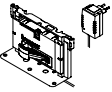
Single Set

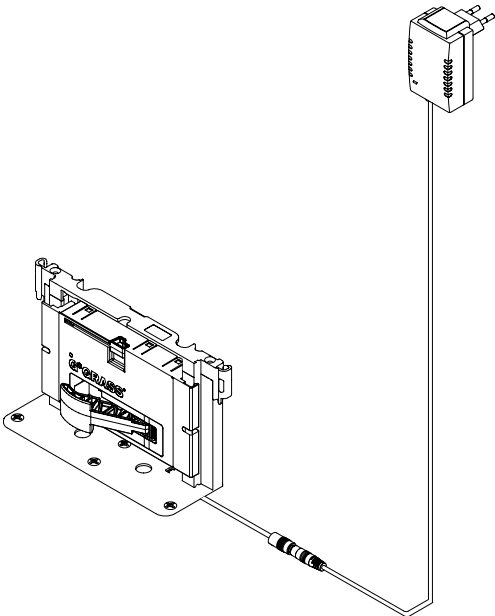


- Electro-mechanical opening system
- Combines handle-free opening with the Soft-close damping system
- 1 drive unit for all weight classes
- Easy to install
- Plug and play wiring
- Low additional installation depth
- Single Set contains all components required for assembly
- Ideal for heavy pot drawers and waste separating systems

- Notice:**
- Other country-specific sets on request

ORDER INFORMATION

Sensomatic Single Set Set: Drive unit, Installation set, Power supply unit with plug, Front buffer		
		
	Plug type	Art. no.
	C: Used in: Europe, with the exception of the UK, Ireland, Cyprus and Malta	F121100983



PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions															
		<table> <tr> <th>RW</th><th>min. LWK</th><th>MET</th><th>LBT</th></tr> <tr> <td>Wooden back panel</td><td>273</td><td>NL + 15</td><td>NL</td></tr> <tr> <td>Steel back panel</td><td></td><td></td><td></td></tr> </table>	RW	min. LWK	MET	LBT	Wooden back panel	273	NL + 15	NL	Steel back panel				
RW	min. LWK	MET	LBT												
Wooden back panel	273	NL + 15	NL												
Steel back panel															
Installation set															
Position of drive unit		Position of front buffer													
		Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front.													

LEGEND

FA	Front overlay
FH	Front height
KF	Cable routing
LBT	Depth of hole pattern

LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length
P	Positioning aid

RW	Back panel
----	------------

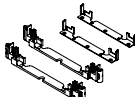
SENSOMATIC

Standard cabinet, horizontal wooden stretcher

ORDER INFORMATION

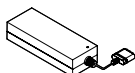
1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

2	Length divider Pair	
	Traverse length	Art. no.
	653	F121100284
	750	F121100285
	1170	F121100286

3	Fastening set Set: Frame connector, Fixing brackets	
	Opening/closing system	Art. no.
	Sensomatic	F121100610

3a	Frame connector Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100282

3b	Fixing bracket Piece: Top or bottom	
	Opening/closing system	Art. no.
	Sensomatic	F121100270

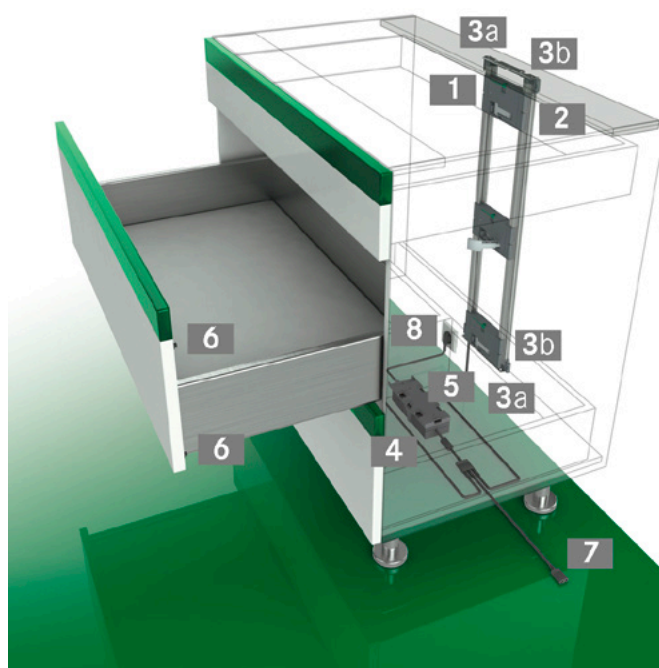
4	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

5	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

6	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

7	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

8	Power supply cable Piece	
	Plug type	Art. no.
		F120069767
	B: Used in: North and Central America, Japan	F120069760
	E: Used in: France, Belgium, Slovakia and Tunisia, F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763



PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions

RW	min. LWK	MET	LBT
Wooden back panel	273	NL + 15	NL
Steel back panel			

Upper/lower fixing bracket

Position of drive unit

Position of front buffer

Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front

LEGEND

FA Front overlay
FH Front height
KF Cable routing
LBT Depth of hole pattern

LHK Inside cabinet height
LWK Inside cabinet width
MET Minimum installation depth
NL Nominal length

P Positioning aid
RW Back panel
TL Torsion bar length

SENSOMATIC

Standard cabinet vertical wooden stretcher

ORDER INFORMATION

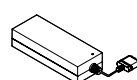
1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

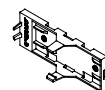
2	Length divider Pair	
	Traverse length	Art. no.
	653	F121100284
	750	F121100285
	1170	F121100286

3	Frame connector Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100282

4	Fixing bracket Piece: Top or bottom	
	Opening/closing system	Art. no.
	Sensomatic	F121100270

5	Fixing bracket Piece: Back	
	Opening/closing system	Art. no.
	Sensomatic	F121100275

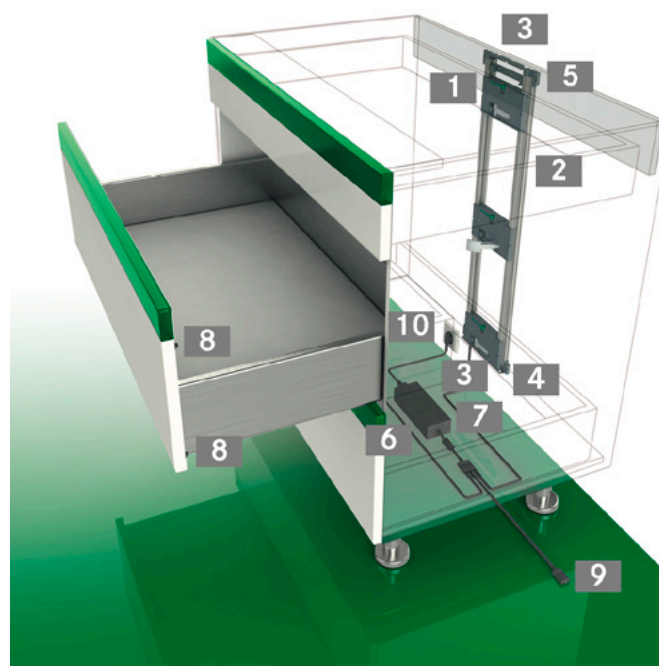
6	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

7	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

8	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

9	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

10	Power supply cable Piece	
	Plug type	Art. no.
		F120069767
	B: Used in: North and Central America, Japan	F120069760
	E: Used in: France, Belgium, Slovakia and Tunisia, F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763



PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions																
	<table><tr><th>RW</th><th>min. LWK</th><th>MET</th><th>LBT</th></tr><tr><td>Wooden back panel</td><td>273</td><td>NL + 15</td><td>NL</td></tr><tr><td>Steel back panel</td><td></td><td></td><td></td></tr></table>	RW	min. LWK	MET	LBT	Wooden back panel	273	NL + 15	NL	Steel back panel						
RW	min. LWK	MET	LBT													
Wooden back panel	273	NL + 15	NL													
Steel back panel																
Upper/lower fixing bracket		Fixing bracket on the inner rear side														
Position of drive unit		Position of front buffer														
Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front																

LEGEND

FA	Front overlay	LHK	Inside cabinet height	P	Positioning aid
FH	Front height	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth	TL	Torsion bar length
LBT	Depth of hole pattern	NL	Nominal length		

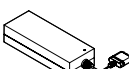
SENSOMATIC

Single drawer, overhead frame set mounting

ORDER INFORMATION

1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

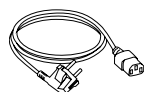
2	Installation set Set	
	Opening/closing system	Art. no.
	Sensomatic	F121100273

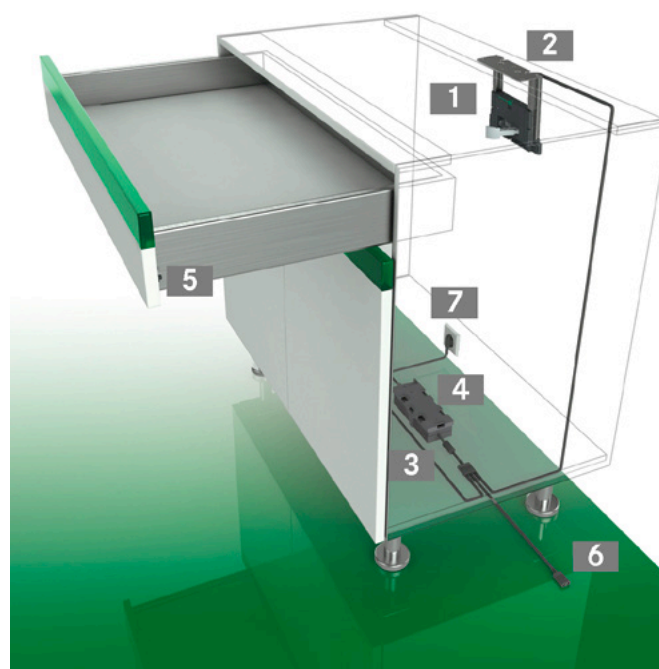
3	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

4	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

5	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

6	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

7	Power supply cable Piece	
	Plug type	Art. no.
	B: Used in: North and Central America, Japan	F120069767
	E: Used in: France, Belgium, Slovakia and Tunisia, F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763



PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions																
		<table><tr><th>RW</th><th>min. LWK</th><th>MET</th><th>LBT</th></tr><tr><td>Wooden back panel</td><td>273</td><td>NL + 15</td><td>NL</td></tr><tr><td>Steel back panel</td><td></td><td></td><td></td></tr></table>			RW	min. LWK	MET	LBT	Wooden back panel	273	NL + 15	NL	Steel back panel			
RW	min. LWK	MET	LBT													
Wooden back panel	273	NL + 15	NL													
Steel back panel																
Installation set																
Position of drive unit		Position of front buffer														
Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front.																

LEGEND

FA	Front overlay	LBT	Depth of hole pattern	P	Positioning aid
FH	Front height	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth		
KUB	Cabinet base	NL	Nominal length		

SENSOMATIC

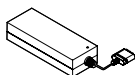
Single drawer back panel frame set mounting

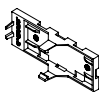
ORDER INFORMATION

1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

2	Length divider Pair	
	Traverse length	Art. no.
	64	F121100283

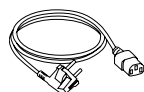
3	Frame connector Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100282

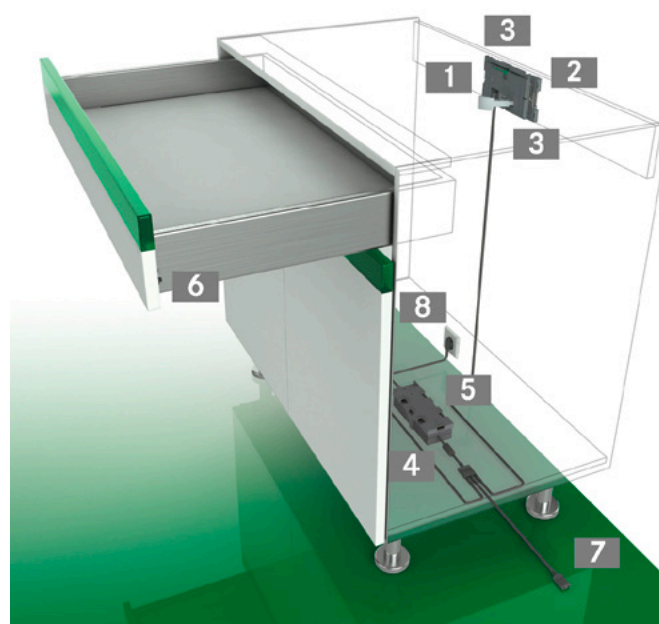
4	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

5	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

6	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

7	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

8	Power supply cable Piece	
	Plug type	Art. no.
	B: Used in: North and Central America, Japan	F120069767
	E: Used in: France, Belgium, Slovakia and Tunisia, F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763

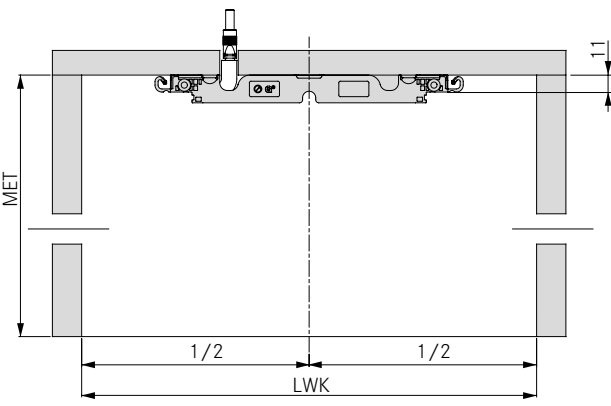
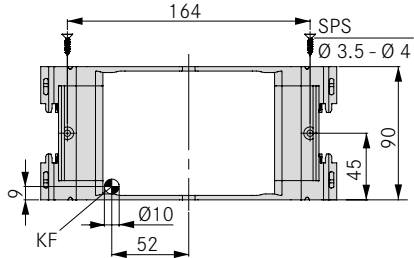
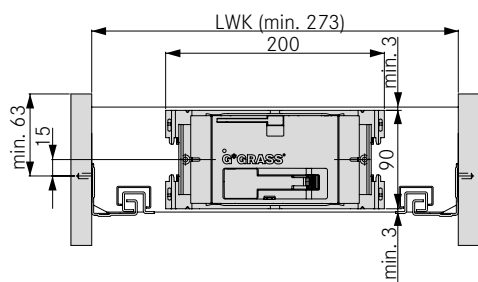
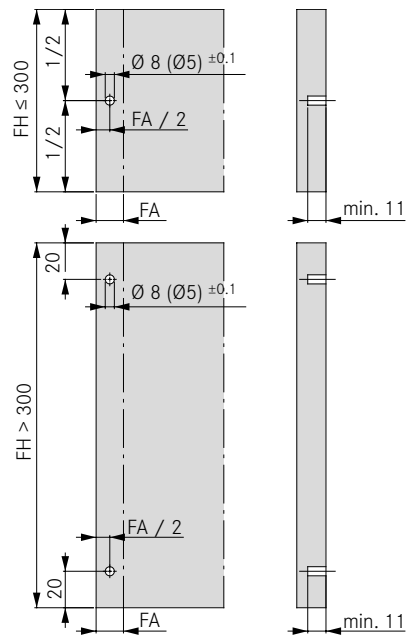


PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	109
Slides	30	Organising systems	77	Assembly aids	116
Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions		
	RW	min. LWK
	Wooden back panel Steel back panel	273
MET		
NL + 15		
Frame sides		
		
Position of drive unit		Position of front buffer
		
		Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front.

LEGEND

FA	Front overlay
FH	Front height
KF	Cable routing
LWK	Inside cabinet width

MET	Minimum installation depth
NL	Nominal length
RW	Back panel
SPS	Chipboard screw

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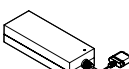
SENSOMATIC

Sink cabinet bottom panel frame set mounting

ORDER INFORMATION

1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

2	Installation set Set	
	Opening/closing system	Art. no.
	Sensomatic	F121100273

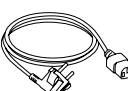
3	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

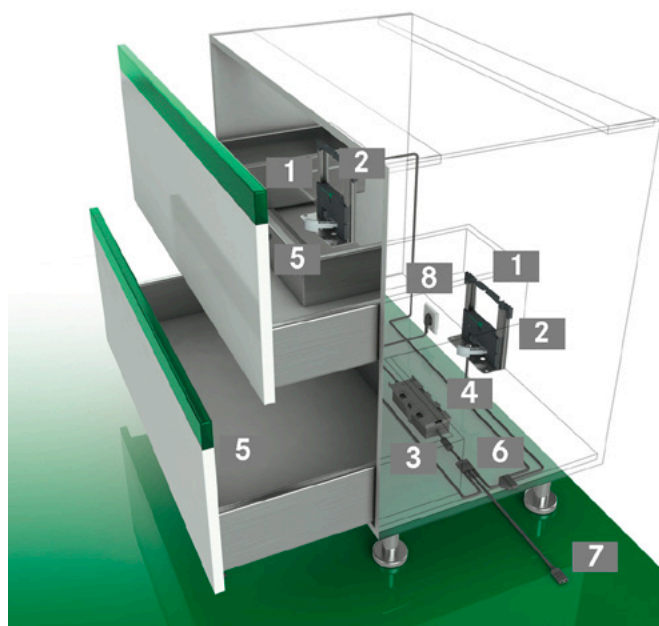
4	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

5	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

6	4-way distributor Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100293

7	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

8	Power supply cable Piece	
	Plug type	Art. no.
	B: Used in: North and Central America, Japan	F120069767
	E: Used in: France, Belgium, Slovakia and Tunisia,	F120069760
	F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763



PAGE REFERENCES

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Inset panels	40	Installation instructions	104		

PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions			
Installation set		Sink installation	
Position of drive unit		Position of front buffer	
		Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front.	

LEGEND

FA	Front overlay	LBTS	Depth of hole pattern in sink pull-out	P	Positioning aid
FH	Front height	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth		
LBT	Depth of hole pattern	NL	Nominal length		

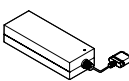
SENSOMATIC

Sink cabinet side panel frame set mounting

ORDER INFORMATION

1	Drive unit Piece	
	Suitable for slide	Art. no.
	Dynapro, Nova Pro	F121131975

2	Installation set Set	
	Opening/closing system	Art. no.
	Sensomatic	F121100273

3	Power supply unit Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121109970

4	Power supply bracket Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100604

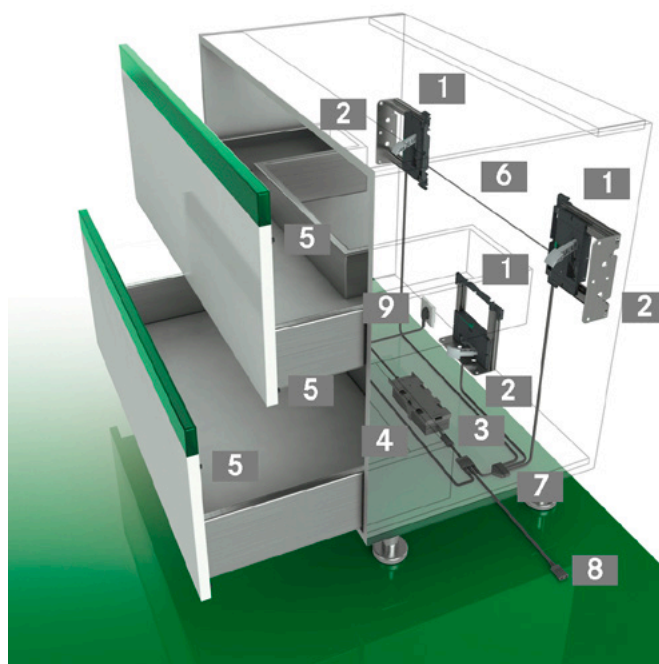
5	Front buffer, spring loaded Piece	
Ø	Front gap	Art. no.
5	2.2	F121100294
5	3	F121100295
8	2.2	F121100297
8	3	F121100298

6	Synchronisation cable Piece	
	L	Art. no.
	10000	F121100287

7	4-way distributor Piece	
	Opening/closing system	Art. no.
	Sensomatic	F121100293

8	Connection cable with 2-way adapter Piece	
	L	Art. no.
	600	F121100288
	1000	F121100289
	1600	F121100290
	2000	F121100291

9	Power supply cable Piece	
	Plug type	Art. no.
	B: Used in: North and Central America, Japan	F120069767
	E: Used in: France, Belgium, Slovakia and Tunisia,	F120069760
	F: Used in: Germany, Austria, the Netherlands and Spain	F120069761
	G: Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong	F120069766
	J: Used in: Switzerland and Lichtenstein	F120069765
	K: Used in: Denmark and Greenland	F120069763

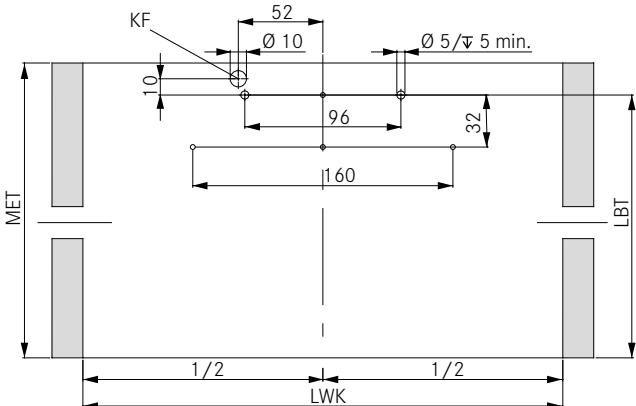
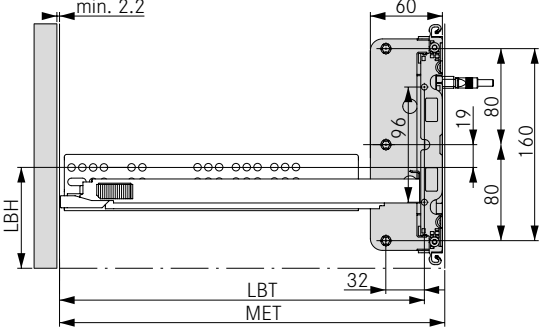
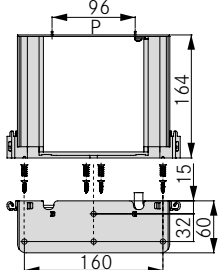
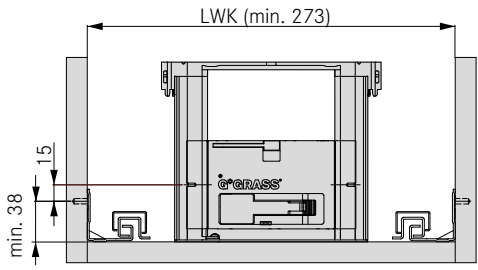
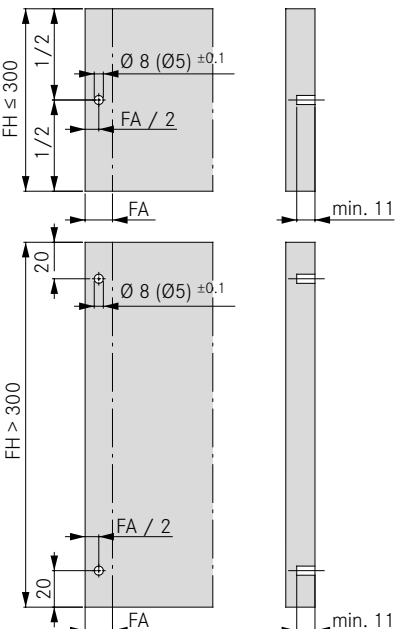
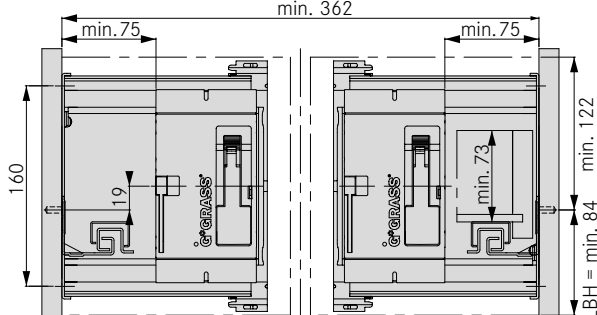


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PLANNING INFORMATION

All dimensions in millimetres

Installation dimensions	Side panel frame set mounting installation dimensions									
	 <table data-bbox="901 683 1471 766"><thead><tr><th>RW</th><th>MET</th><th>LBT</th></tr></thead><tbody><tr><td>Wooden back panel</td><td>NL + 15</td><td>NL</td></tr><tr><td>Steel back panel</td><td>NL + 15</td><td>NL</td></tr></tbody></table>	RW	MET	LBT	Wooden back panel	NL + 15	NL	Steel back panel	NL + 15	NL
RW	MET	LBT								
Wooden back panel	NL + 15	NL								
Steel back panel	NL + 15	NL								
Installation set										
										
Position of drive unit	Position of front buffer									
										
Position of the drive unit for side panel frame set mounting										
	Notice: When using Dynapro slides 70 kg, 4 front buffers must be inserted into the front.									

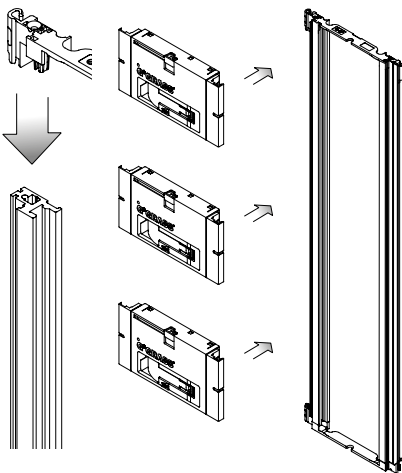
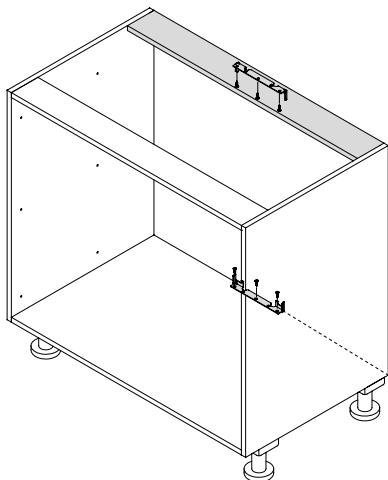
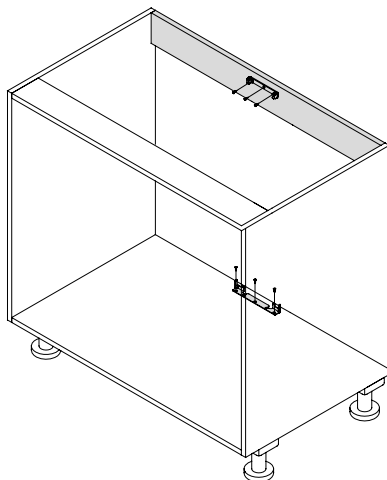
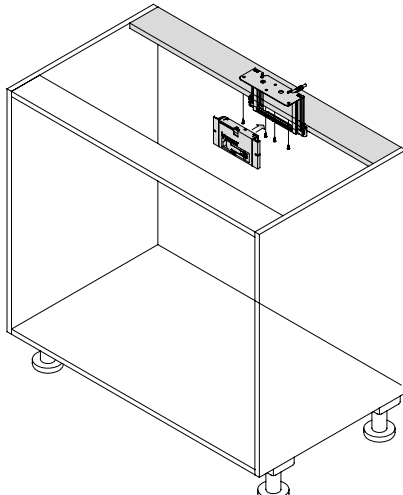
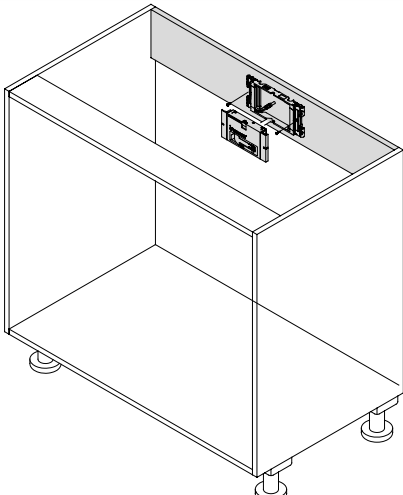
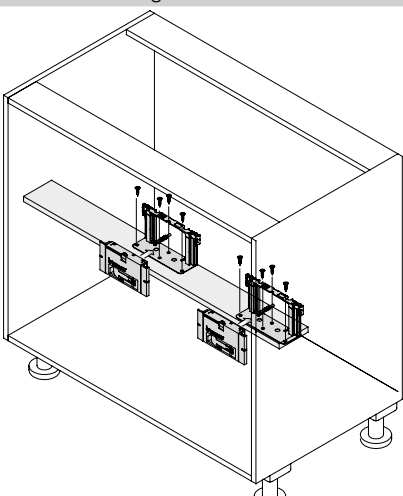
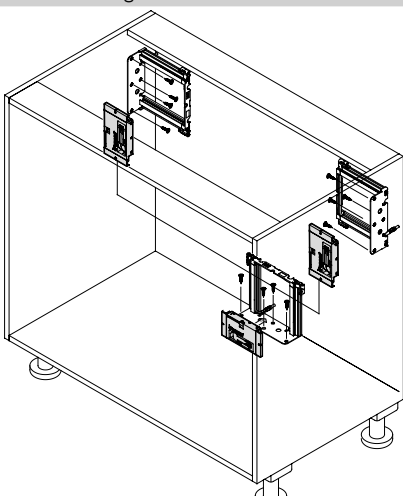
LEGEND

FA	Front overlay
FH	Front height
KF	Cable routing
LBH	Height of hole pattern

LBT	Depth of hole pattern
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length

P	Positioning aid
RW	Back panel

INSTALLATION INSTRUCTIONS

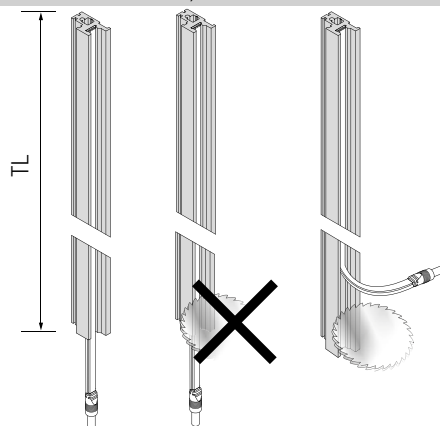
Length divider installation 	Installation of standard cabinet horizontal wooden stretcher 	Installation of standard cabinet vertical wooden stretcher 
Overhead frame set mounting of the single drawer 	Back panel frame set mounting of the single drawer 	
Bottom panel frame set mounting of sink cabinet 	Side panel frame set mounting of sink cabinet 	

PAGE REFERENCES

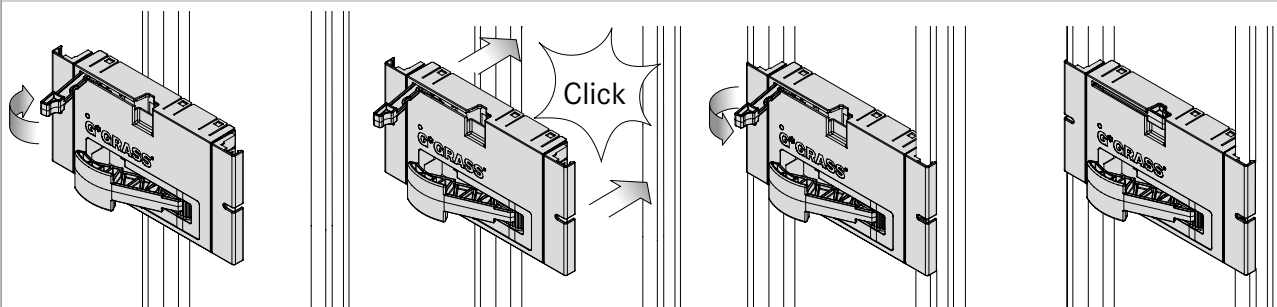
Drawer sides	14	Horizontal wooden stretcher	92	Back panel frame set mounting	98
Slides	30	Vertical wooden stretcher	94	Bottom panel frame set mounting	100
Steel back panels	54	Overhead frame set mounting	96	Side panel frame set mounting	102

INSTALLATION INSTRUCTIONS

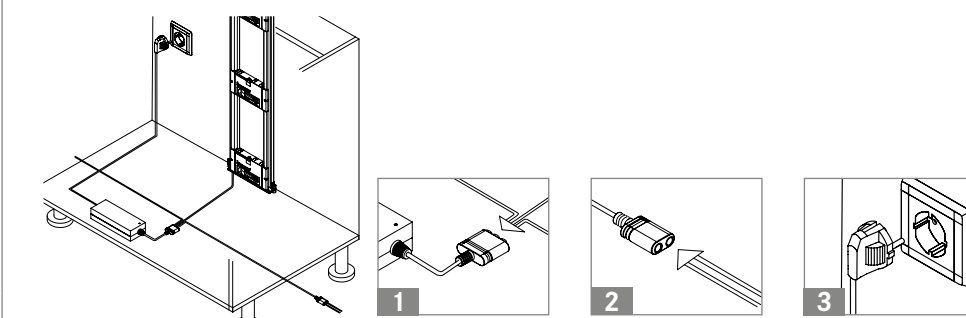
Cutting frame side to length (for horizontal and vertical wooden stretchers)



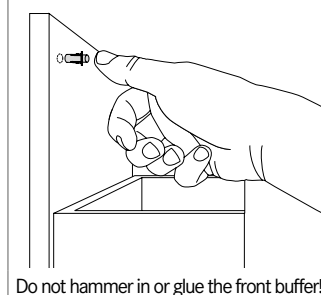
Installation of the drive unit



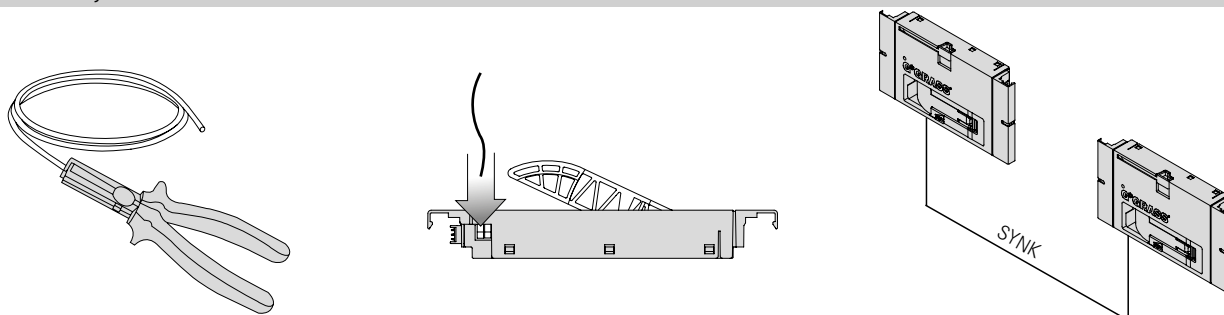
Wiring (connection sequence)



Front buffer installation



Installation of the synchronisation cable



LEGEND

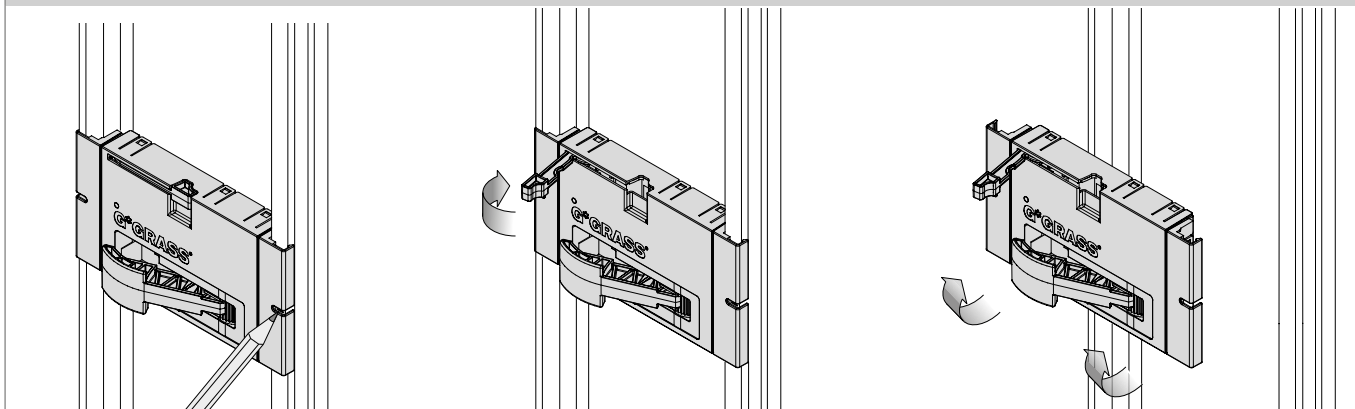
FA Front overlay
SYNK Synchronisation cable
TL Torsion bar length

SENSOMATIC

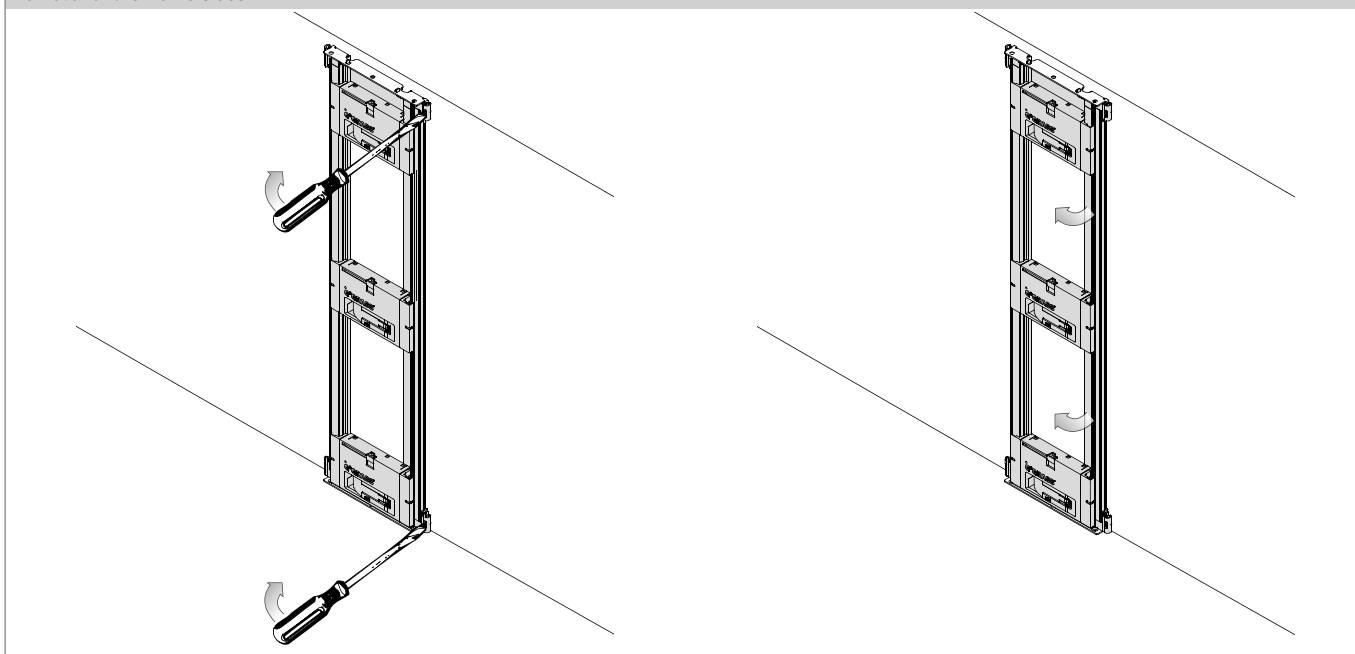
Removal instructions

DISMANTLING INSTRUCTIONS

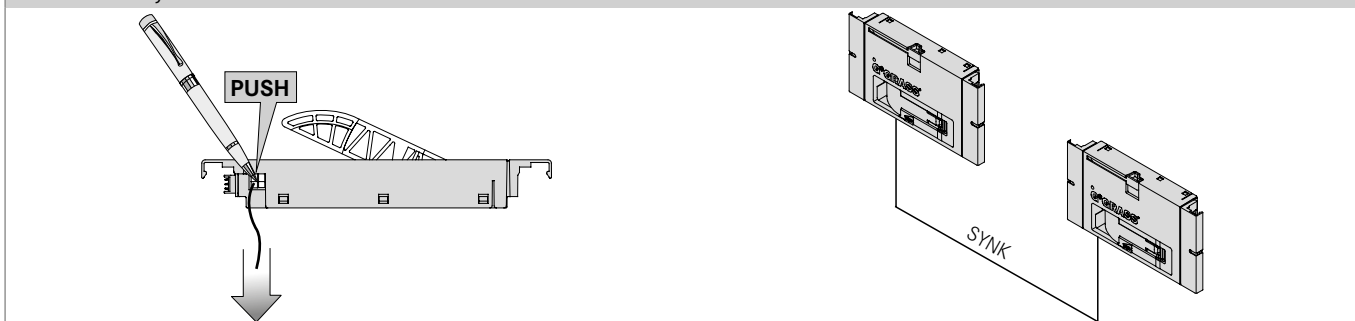
Removal of the drive unit



Removal of the frame sides



Removal of the synchronisation cable

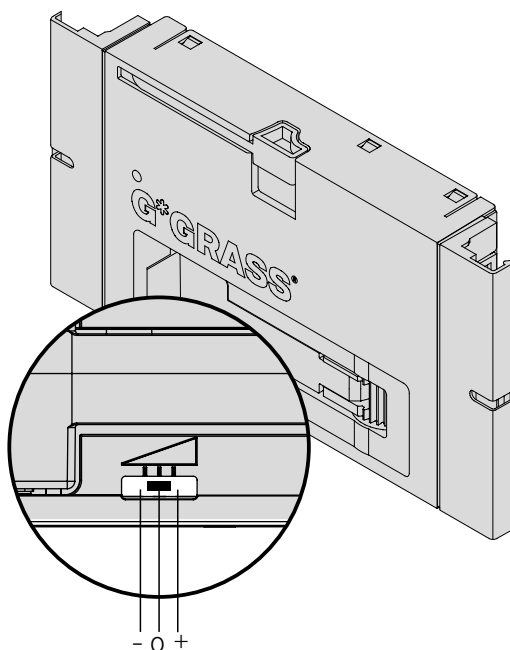


PAGE REFERENCES

Drawer sides	14	Horizontal wooden stretcher	92	Back panel frame set mounting	98
Slides	30	Vertical wooden stretcher	94	Bottom panel frame set mounting	100
Steel back panels	54	Overhead frame set mounting	96	Side panel frame set mounting	102

ADJUSTMENT

Variable drive force



NOTICE

- The cabinet must be level
- System must be disconnected from power supply for installation and removal!
- Provide switched sockets
- For a cabinet width of 1,200 mm and above, we recommend using 2 drive units. The synchronisation cable ensures that these units are activated simultaneously
- **Important:**
No screws should be inserted in the drawer back panel near the drive lever
- Up to 30 drive units can be operated per power supply unit (F121109970)

PROOF OF PERFORMANCE

- **Range of applications**
Only in dry, closed spaces
- **Power supply unit**
Power supply:
100 to 240 V
Mains frequency: 50 to 60 Hz
Max. power output: 120 W
Max. power output Single Set: 16 W
- **Drive unit**
Power supply: 24 V
- **Operating conditions**
Temperature: 0 to 50°C
Air humidity: 15 to 90%
Non-condensing

LEGEND

FA	Front overlay
SYNK	Synchronisation cable



SOPHISTICATED AND WELL-TESTED TECHNOLOGY FOR FAST, SAFE WORKING. THE VALUE OF A MOVEMENT SYSTEM IS MADE UP OF MANY INFLUENCING FACTORS. IN ADDITION TO VISUAL AND FUNCTIONAL PROPERTIES, THE FOCUS IS ON PERMANENTLY CONSISTENT QUALITY AND THE POSSIBILITIES FOR EFFICIENT PROCESSING. GRASS OFFERS PROFESSIONAL INSTALLATION AND ASSEMBLY AIDS FOR ALL PRODUCT FAMILIES, TAILORED TO THE MANUFACTURING TECHNOLOGY OF OUR SATISFIED CUSTOMERS.

Tecmator.
Strong. Fast.
Economical.



Along with the Tecmator drawer presses for the professional assembly of our drawer systems and the Tecmator drilling and insertion machines, GRASS offers a variety of useful accessories for trade and industry.

Tecmator

Assembly technology

Installation and assembly aids. Tried-and-tested technology for the professional and cost-effective assembly of GRASS movement systems.

Product description	Page
Tecmator ZP-V8 H250 Industrial production of Vionaro V8 regular and pot drawers	110
Tecmator ZMV-TP4 Semi-automatic assembly of regular and pot drawers	112
Tecmator ZMV-FIX H250 Mechanical assembly of regular and pot drawers	114
Assembly aids Vionaro V8	116
Assembly aids Dynapro	118

TECMATOR ZP-V8 H250

Industrial production of Vionaro V8 regular and pot drawers



- Suitable for press-fitting the Vionaro V8 drawers and extensions up to drawer side height H250
- Suitable for installation of steel back panels and wooden back panels
- Flexible drawer width adjustment using drawer bottom as template (as standard)
- Simple and straightforward handling of individual parts on the machine
- Sturdy frame construction
- Suitable for series production
- Short process times

Standard equipment:

- Press fitting of bottom spikes for all nominal lengths
- Stop set for KB 250–1200 (50 mm increments)
- Flexible drawer width adjustment using drawer bottom as template
- Automatic centre punches for front locking device

Notice:

- Wooden back panels with 8 mm and 16 mm thickness can be installed, but must be screwed in

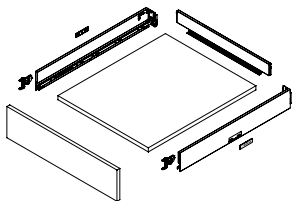
ORDER INFORMATION

	Model variant	Compressed air supply	Width	Depth	Height	Weight		Art. no.
	ZP-V8	6 bar	2.45 m	1 m	2 m	220 kg		F146131899

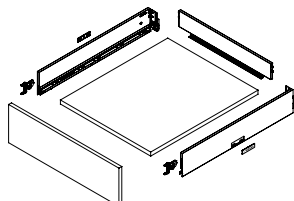
PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly aids	116
Slides	30	Organising systems	77		
Inset panels	40	Sensomatic	89		

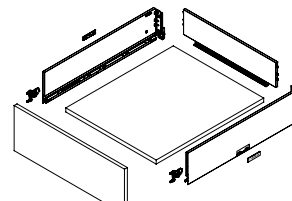
VIONARO V8 H72



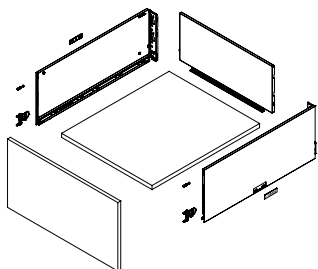
VIONARO V8 H89



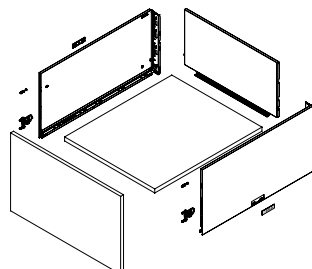
VIONARO V8 H121



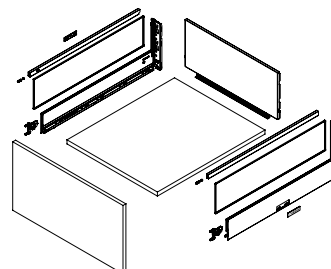
VIONARO V8 H200



VIONARO V8 H250

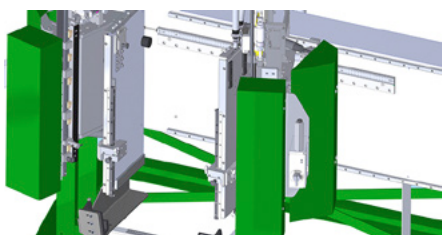


VIONARO V8 CRYSTAL

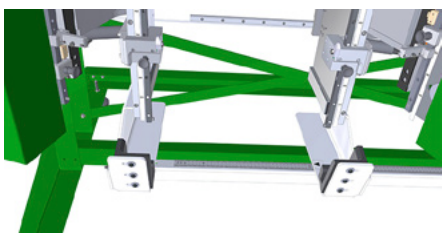


ADVANTAGES

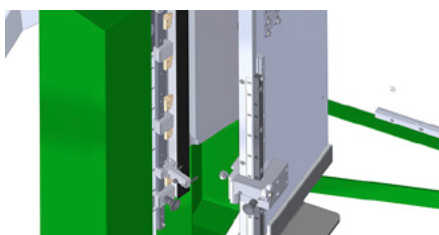
Easy width adjustment thanks to pneumatic clamping



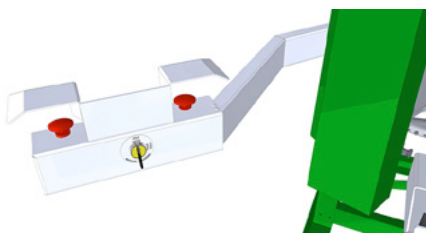
Individual cabinet width adjustment via wooden back panel



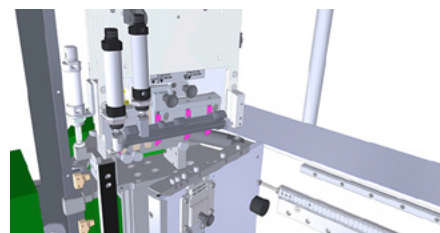
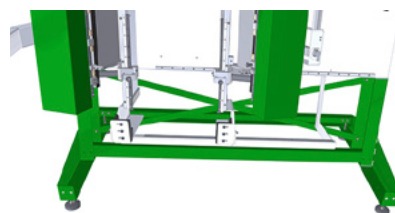
Straightforward handling of the individual parts on the machine



Maximum safety thanks to two-hand control



Very stable frame construction



TECMATOR ZMV-TP4

Semi-automatic assembly of regular and pot drawers



- Suitable for press fitting Nova Pro Scala/One and Vionaro V8/V13 drawers
- Pneumatic table top unit (drawer side height up to 250 mm)
- The ZMV-TP4 can be used to process drawers for outside cabinet widths of up to 1,200 mm
- Simple and straightforward handling
- Sturdy construction
- For small-scale series production
- Pneumatic control
- High performance

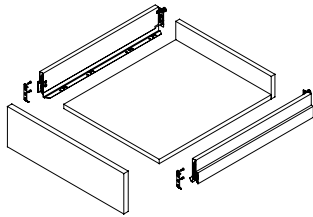
ORDER INFORMATION

	Model variant	Compressed air supply	Width	Depth	Height	Weight		Art. no.
	ZMV-TP4	6 bar	1.62 m	0.9 m	0.5 m	65 kg		F146108668

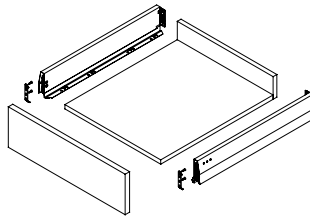
PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly aids	116
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Inset panels	40	Sensomatic	89		

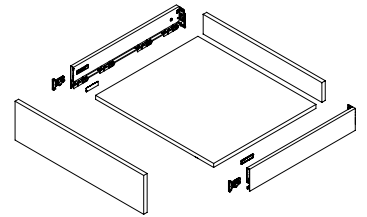
NOVA PRO SCALA



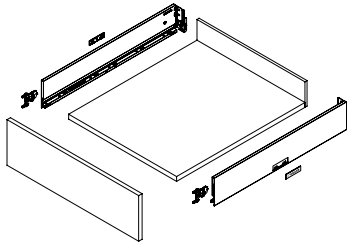
NOVA PRO ONE



VIONARO V13

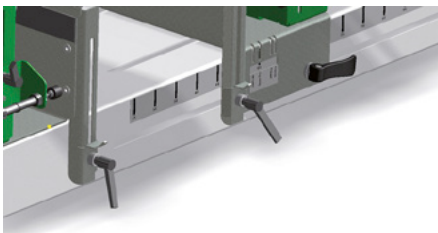


VIONARO V8

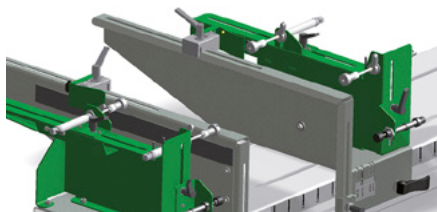


ADVANTAGES

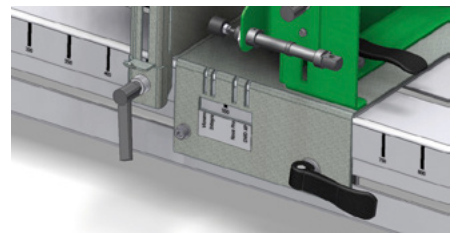
Tool-free setting



Sturdy base frame with pneumatic closing mechanism



All GRASS drawer systems can be processed



TECMATOR ZMV-FIX H250

Mechanical assembly of regular and pot drawers



- Suitable for installation of all GRASS drawers and extensions
- Suitable for installation of wooden and steel back panels
- Simple and straightforward handling of individual parts on the machine
- Lightweight frame construction (10 kg)
- Suitable for individual production
- Drawer side heights up to 250 mm can be installed
- Drawer width can be adjusted up to KB 1200 mm
- Flexible drawer width adjustment using wooden back panel as template (standard)
- Smooth width adjustment

Standard equipment:

- Flexible adjustment of the stops for drawer depth
- Flexible adjustment of the stops for wooden back panel heights
- Flexible drawer width adjustment using wooden back panel as template

Notice:

- Wooden back panels with 8 mm and 16 mm thickness can be installed, but must be screwed in
- Steel back panels can be installed, but must be screwed in

ORDER INFORMATION

	Model variant	Width	Depth	Height	Weight			Art. no.
	ZMV-FIX H250	1.52 m	0.72 m	0.36 m	10 kg			F146132388

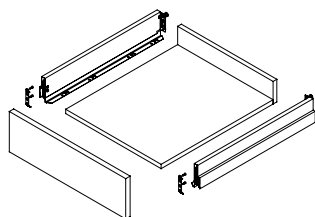
FIXED STOPS

Description			Functions	Art. no.
• For fixed adjustment of the nominal length and the back panel height			Nominal length adjustment (fix), Back panel height adjustment (fix)	F146132390

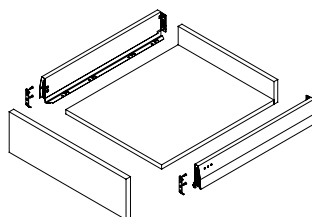
PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly aids	116
Slides	30	Organising systems	77		
Inset panels	40	Sensomatic	89		

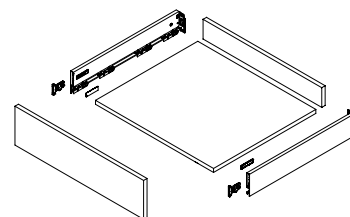
NOVA PRO SCALA



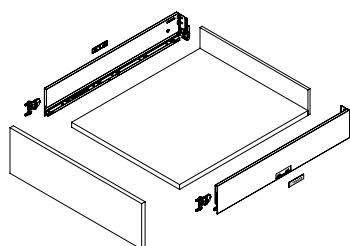
NOVA PRO ONE



VIONARO V13

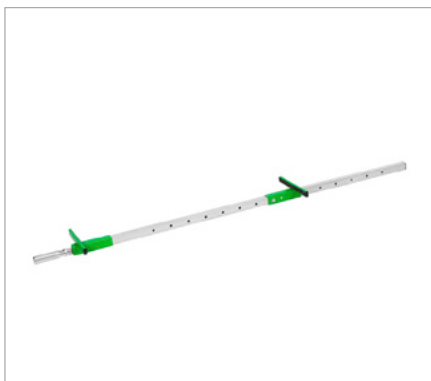


VIONARO V8



ASSEMBLY AIDS

Vionaro V8



DRAWER CLAMP

- For easy assembly of regular and pot drawers up to a cabinet width of 1200 mm
- Can be used for all drawer side heights

Product type	Art. no.
Drawer clamp	F146108833



PUNCHING TOOL FRONT CONNECTION

- Punching tool for Vionaro V8 front connection

Suitable for frame	Art. no.
Vionaro V8	F146132453



PUNCHING TOOL FRONT STABILISER

- Punching tool for Vionaro V8 front stabiliser

Suitable for frame	Art. no.
Vionaro V8	F146132452



PUNCHING TOOL

- Punching tool for Vionaro V8/V13 bottom spike

Suitable for frame	Art. no.
Vionaro V13	F146116217
Vionaro V8	

PAGE REFERENCES

Drawer sides	14	Steel back panels	54	Assembly technology	110
Slides	30	Organising systems	77		
Inset panels	40	Sensomatic	89		



FRONT DRILLING JIG

- Front drilling jig for Vionaro V8/V13 front holder and front stabiliser
- Also suitable for Vionaro V13 inset panels
- Not suitable for Vionaro V8 inset panels

Product type	Art. no.
Drilling jig	F146100562



COMBINATION DRILLING JIG

- For pre-drilling the Vionaro V8 inset panel and the wooden back panel

Product type	Art. no.
Drilling jig	F146133497



MARKING JIG SET

- For the precise centre punching of holes for the Vionaro V8 front holder and front stabiliser

Suitable for frame	Art. no.
Vionaro V8	F146132636

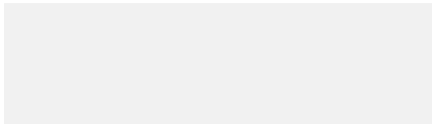
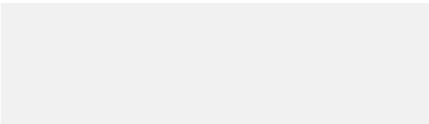
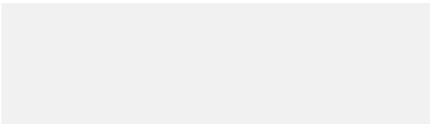


PUNCHING TOOL FRONT-BOTTOM PANEL CONNECTOR

- Place, position and punch the front-bottom panel connector

Suitable for	Art. no.
Front-ground connector	F146083271

LEGEND



ASSEMBLY AIDS

Dynapro



DRILLING JIG FOR CABINET MEMBER

Guide rule (1 x), stop elements (4 x),
stop plates (2 x)

Product type	Art. no.
Drilling jig	F146094730



STOP ELEMENT INDIVIDUAL

- For extension of the drilling jig, cabinet member F146094730

Product type	Art. no.
Individual marking element	F146094721



DRILLING JIG FOR CABINET MEMBER

- For use with pilot drill bit F146035692

Product type	Art. no.
Drilling jig	F146101348



DRILLING JIG, DRAWER

- Pre-drilling of holes for:
Dynapro/Dynaneo front locking device
Hook-in device
- For use with pilot drill bit F146035692

Compatible with	Art. no.
Dynaneo front locking device 1D/2D	F146133145
Dynapro front locking device 1D	
Dynapro front locking device 2D/3D	
Vionaro V8 front locking device	
Dynaneo hook placement	
Dynapro adjustment adapter	

PAGE REFERENCES

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Inset panels	40	Sensomatic	89		

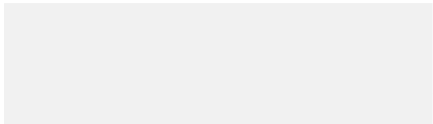
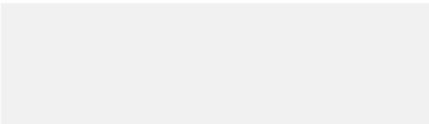
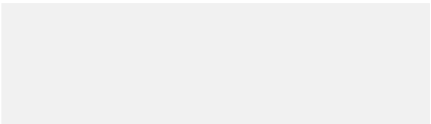


PILOT DRILL BIT

- The pilot drill bit is used for pre-drilling holes for countersunk chipboard screws

Diameter	Art. no.
3.5 mm	F146035692

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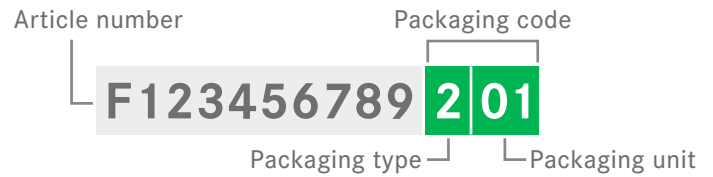
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F146100562	201			117
F146101348	507			118
F146108668	201			112
F146108833	201			116
F146116217	299			116
F146131899	299			110
F146132388	201			114
F146132390	201			114
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Article number/packaging code/page number

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PACKAGING TYPE

Code	Explanation
1	PE (bag, film or band)
2	Cardboard box
3	Reusable packaging (cardboard)
4	Reusable packaging (different containers)
5	PE (bag, film or band) in cardboard box
6	Cardboard box in cardboard box
7	Cardboard box in various containers
8	PE (bag, film or band) in different containers

PACKAGING UNIT

Code	Units	Code	Units	Code	Units
01	01	27	140	53	2500
02	02	28	150	54	3000
03	04	29	170	55	4000
04	05	30	175	56	5000
05	06	31	180	57	6000
06	08	32	190	58	7000
07	10	33	200	59	8000
08	12	34	225	60	9000
09	14	35	240	61	10000
10	15	36	250	62	15000
11	20	37	275	63	20000
12	24	38	300	64	30000
13	25	39	400	65	16
14	30	40	500	66	21
15	35	41	550	67	22
16	40	42	600	68	18
17	50	43	700	69	160
18	60	44	750	70	45
19	70	45	800	71	9
20	75	46	900	72	36
21	80	47	1000	73	44
22	85	48	1100	74	1250
23	100	49	1200	75	360
24	120	50	1500	99	x
25	125	51	2000		
26	136	52	2200		

TERMS AND DEFINITIONS

Unit	X pieces/sets in specific packaging
Pieces	X parts of one type (e.g. installation hooks)
Set	X parts of different types (e.g. railing, railing clip [front/back] and cover cap, one each left/right)



Lined writing area with horizontal lines.



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