



G* GRASS®

NOVA PRO SCALA DRAWER SYSTEM

The new drawer generation.
Inspiration in the right angle.
Simple. Clear. Timeless.





Nova Pro Scala incorporates
the best of Nova Pro.
And much more besides!

186 millimetres.
**This means an entirely new
dimension in drawer sides.**

The conventional wooden drawer is basically a four-sided box with a front panel. Strictly speaking, we are adopting a back-to-basics approach in offering a 186 mm drawer side for Nova Pro Scala. The new drawer side is high, closed and aesthetic. Sounds good. And it is.

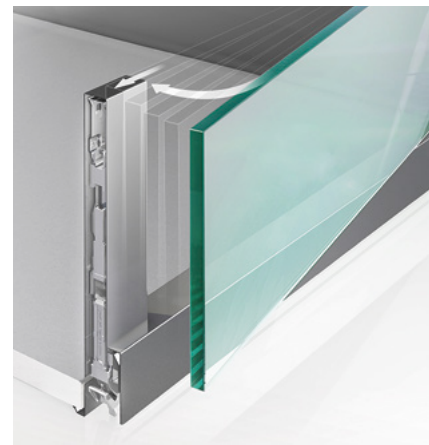


Crystal Plus frame drawer.

More glass. More creative scope.
More stability. With or without large
design elements, the Crystal Plus
frame drawer combines elegance
with maximum strength.

NOVA PRO SCALA DRAWER SYSTEM

Nova Pro epitomises exceptional ease of opening, outstanding running properties, minimal drawer deflection and top reliability. Nova Pro Scala stands for versatility, neutral aesthetics, inspiration and creativity.



Nova Pro Scala is not only formally different from its Classic and Deluxe predecessors, but also has a number of large and small technical improvements.

Extraordinary product solutions evolve as the result of a continuous innovative force and concentration on the needs of our customers. It is advisable to carry products that have won through as groundbreaking innovations into the future in an unchanged form. If – as is the case with Nova Pro – it is proven over a decade that a concept was right, it is time to carry out carefully considered changes. The aim of our developers was therefore always to accommodate the track-proven technical features inside the high-tech drawer in the smallest possible space to give the design aspirations of furniture designers literally the greatest possible room for development. The result was an evolution based on the renowned Nova Pro concept: Nova Pro Scala.

The new Crystal Plus clip technology ensures simple assembly and removal as well as reliable attachment of the design elements. On Nova Pro Scala all visible plastic parts are covered with steel, eliminating colour differences between the individual parts. Everything is flush-fitting and matches perfectly to provide a harmonious, elegant impression.



Nova Pro Scala
is inspiration in
the right angle.

**Metallic colours, fine structures
and satin finishes – these are
the features of modern design.**

The new colour SILVER makes it possible to carry this design principle through to the furniture interior. The natural reflection of light and the fine surface structure inspired us to create the colour ICE. STONE as the symbol of eternity was the inspiration for the very popular shade of the same name.



Simple. Clear. Timeless.

Neutral, timeless style for ultra-modern, puristic furniture as well as for traditional, classic designs; for kitchens as well as for bathrooms and living areas.



Optimum space utilisation.

A minimum construction width and the 90-degree inside surfaces of the slim Scala drawer sides ensure up to 11 per cent more storage space.

Nova Pro Scala is design reduced to the essence – to clear design principles on the one hand and to the perfect unity of form and function on the other.

The purist design concept with its striking lines, right angles and small radii gives the double-wall metal drawer sides a timeless, technical and functional look. The special character of Nova Pro is hallmarked by its perfection down to the last detail and the modular Scala system concept. Everything is focused on perfect function, top quality and lasting value – from the precision craftsmanship of every individual part as well as the colour and surface finishes.



Individualisation.
Looking for ways to stand
out from the crowd?

Tavinea 91.
Interior accessory system.

Two that are actually one.
Nova Pro Scala and
Tavinea 91 are almost
symbiotically matched.



Individual designs.

Flush-fitting designer panels make Scala the most variable drawer system of its time.



Differentiation.

Nova Pro Scala enables the creation of styles, functions and values that make that decisive difference.

Anyone who wants to be successful must be able to set themselves apart. This simple rule applies equally to all products.

To the kitchen, living room and bathroom furniture of our customers as well as to the GRASS movement systems. This made it all the more important for us to develop Nova Pro Scala as a drawer system which provides our customers with a fantastic way to make their products stand out from the crowd.

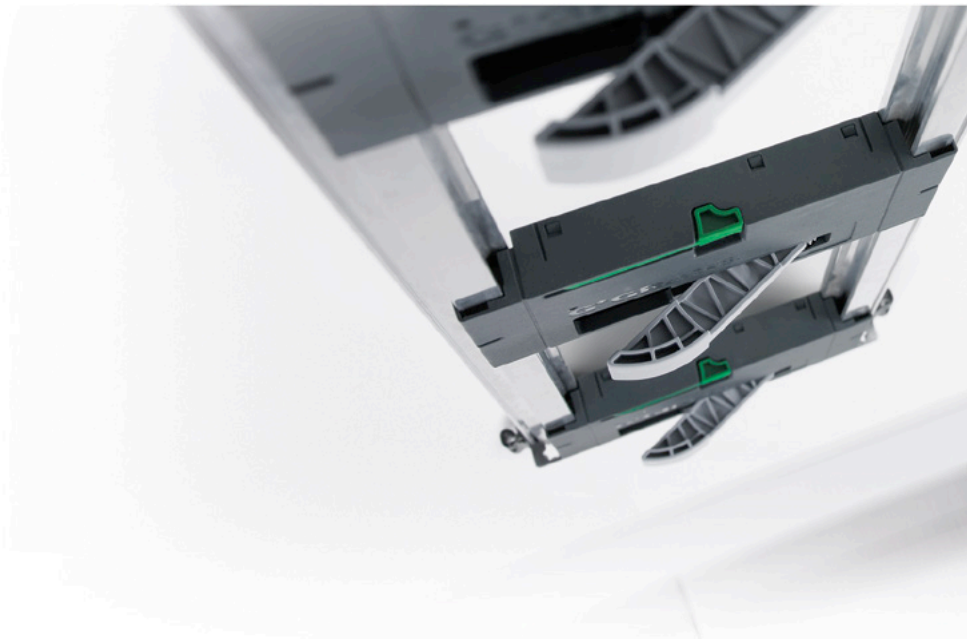
The new Scala drawer system can also be combined with the existing Classic and Deluxe systems, which opens up a wide and unique range of options for ensuring that the furniture interior makes a distinctive impression.



Good to know the movement is not only technically functional, but also extremely comfortable. Because that makes every opening action an experience.

Opening drawers has never offered such comfort. And closing them has never been such a satisfying experience. The GRASS comfort systems and Nova Pro Scala complement each other to form a harmonious multi-functional unit. We aim to combine the advantages of handle-free opening with the elegance of damped closing. Because the combination of these outstanding functions guarantees the highest level of operating comfort.

It's good to find things that were simply made for each other.

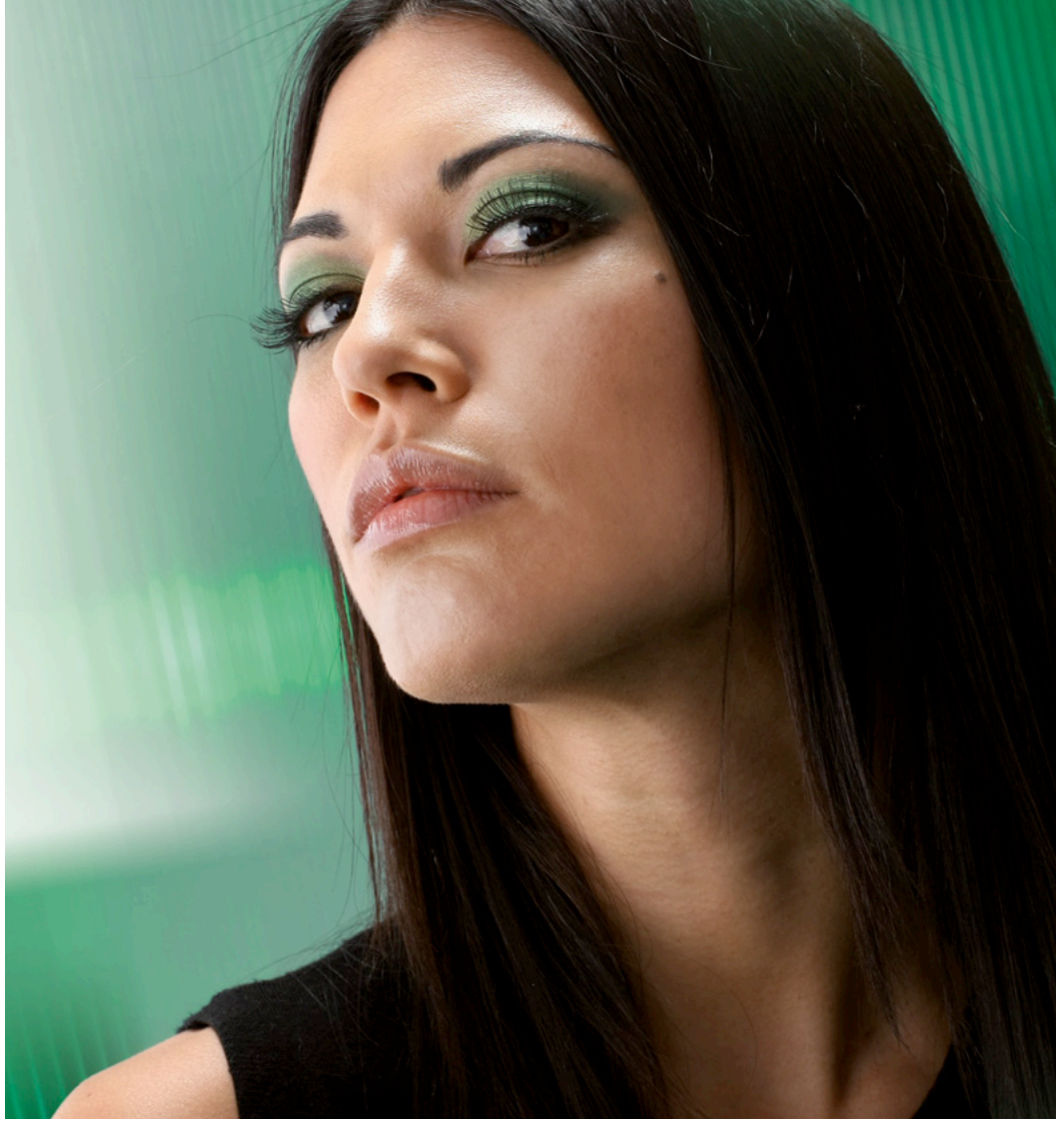


TIPMATIC
OPENING SYSTEMS

Mechanical opening of regular and pot drawers.

Tipmatic opens up optimum styling options for furniture that meets high design and aesthetic aspirations. Thanks to the touch-activated mechanism and the synchronisation option, it is possible to operate large handle-free fronts and doors which will open with a gentle tap.

The new Tipmatic Soft-close opening system combines the advantages of mechanical opening with the comfort of the track-proven Soft-close damping, and with the three-stage adjustable opening force guarantees elegant movement, irrespective of the weight and size of the furniture fronts.



SOFT-CLOSE
DAMPING SYSTEM

With the GRASS Soft-close damping concept, each movement becomes an experience. Closing Nova Pro Scala drawers with Soft-close is something special. Soft-close gently slows the fronts and pulls them to the fully closed position.

With the very low pull-out forces, slender handles are also possible.

SENSOMATIC
OPENING SYSTEM

Electro-mechanical opening of regular and pot drawers for top operating comfort.

Thanks to Sensomatic's automatic touch-sensitive function, a gentle trigger is enough to start the movement of the Nova Pro Scala drawers with handle-free fronts.





Modern furniture shows what it is made of. With this in mind Nova Pro Scala offers two unique product solutions – the Crystal and Crystal Plus add-on systems.

The absolute minimum for the technical elements, a strong holder at the front and back – let the fun begin!

Individual taste then decides whether glass or another material is used as a design element. The special advantage of the new Crystal Plus frame drawer is the newly developed clip technology. It ensures safe and strong bracing of large design elements without having to prepare them in any way. For Nova Pro Scala we've subjected the Crystal add-on system to a fundamental redesign.



NOVA PRO SCALA DRAWER SYSTEM

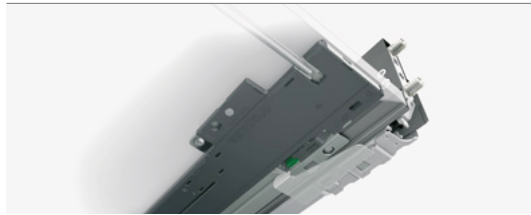
Nova Pro Scala enables the creation of styles, functions and values which make all the difference.



NOVA PRO SCALA

13

The new drawer generation is a perfect combination of form and function and opens up a wide range of differentiation options.



NOVA PRO TIPMATIC SOFT-CLOSE

36

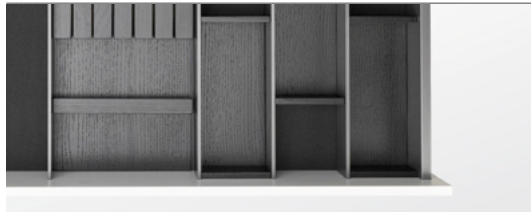
Mechanical opening system for handle-free fronts.



NOVA PRO SENSOMATIC

75

Electromechanical opening system for regular and pot drawers.



DIVIDING AND ORGANISING SYSTEMS

97

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

ASSEMBLY TECHNOLOGY

122

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



Nova Pro Scala offers everything
that furniture hearts desire.

**A module system requires standards
that can be combined.**

In the case of Nova Pro Scala these are four side wall depths. Starting with 63 mm for limited available heights through to the standard 90 mm drawer, the 122 mm intermediate height and the 186 mm for higher closed sides requirements. The drawer with a rectangular railing, the Crystal add-on system and the new Crystal Plus frame drawer. Combined with Nova Pro Classic and Deluxe, they create an extremely modular system for all price segments.

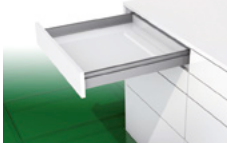
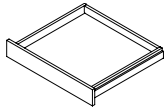
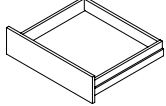
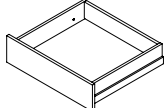

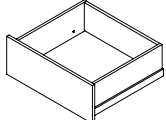
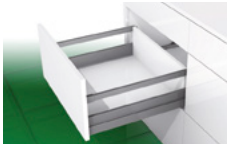
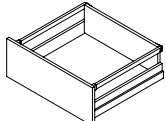
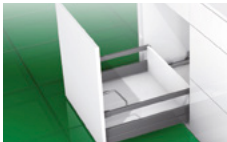
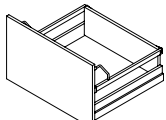

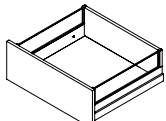
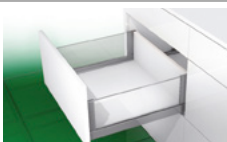
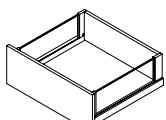


NOVA PRO SCALA

The new drawer generation is a perfect combination of form and function and opens up a wide range of differentiation options.

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Crystal Plus frame drawer for large slide-in elements, height 140 mm	30
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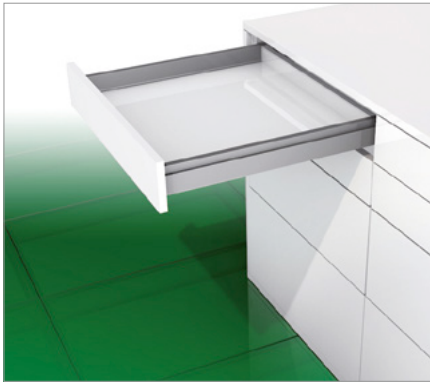
NOVA PRO SCALA

	Product description		Page
	<p>Drawer H63</p> <ul style="list-style-type: none"> • Extremely low drawer for limited available heights • Can be personalised with designer panels • Integrated height and side adjustment 		16
	<p>Drawer H90</p> <ul style="list-style-type: none"> • The practical standard drawer for all applications • Can be personalised with designer panels • Integrated height and side adjustment 		18
	<p>Drawer H122</p> <ul style="list-style-type: none"> • The elegant intermediate height for special applications • Can be personalised with designer panels • Integrated height, side and tilt angle adjustment 		20
	<p>High drawer H186</p> <ul style="list-style-type: none"> • Slim, closed box drawer • High stability up to a front height of 780 mm • Can be personalised with designer panels 		22
	<p>Pot drawer H90 with rectangular railing</p> <ul style="list-style-type: none"> • Snug-fitting rectangular railing • Flush-fitting back panel adapter • Minimum plastic parts 		24
	<p>Pot drawer H90 with rectangular railing and front support</p> <ul style="list-style-type: none"> • Additional fixing points for optimum stability with extra-high fronts • Flush-fitting back panel adapter • Integrated height, side and tilt angle adjustment 		26
	<p>Crystal pot drawer for slide-in elements, height 94 mm</p> <ul style="list-style-type: none"> • No processing of the slide-in elements necessary • High level of stability, also without front and slide-in elements • Elegant, steel covered glass clips 		28
	<p>Crystal Plus frame drawer for large slide-in elements, height 140 mm</p> <ul style="list-style-type: none"> • Patented clip technology makes it easy to slide the elements in • No additional clips or cover caps • High level of stability, also without front and slide-in elements 		30

	Product description		Page
	<p>Nova Pro full extension slide 40/70 kg Soft-close S16/S19</p> <ul style="list-style-type: none"> • Construction width 29 mm • Used with S16 and S19 • Excellent running characteristics • Fully-synchronised slide technology 		32
	<p>Nova Pro full extension slide 40/70 kg Soft-close S18</p> <ul style="list-style-type: none"> • Construction width 30 mm • Used with S18 • Excellent running characteristics • Fully-synchronised slide technology 		34
	<p>Nova Pro full extension slide 40/70 kg Tipmatic Soft-close S16/S19</p> <ul style="list-style-type: none"> • Mechanical opening system • Combines Tipmatic function with Soft-close damping • Construction width 29 mm • Used with S16 and S19 		36
	<p>Nova Pro full extension slide 40/70 kg Tipmatic Soft-close S18</p> <ul style="list-style-type: none"> • Mechanical opening system • Combines Tipmatic function with Soft-close damping • Construction width 30 mm • Used with S18 		38
	<p>Nova Pro full extension slide 40/70 kg Tipmatic Plus S16/S19</p> <ul style="list-style-type: none"> • Mechanical opening system • Construction width 29 mm • Used with S16 and S19 • Excellent running characteristics 		40
	<p>Nova Pro full extension slide 40/70 kg Tipmatic Plus S18</p> <ul style="list-style-type: none"> • Mechanical opening system • Construction width 30 mm • Used with S18 • Excellent running characteristics 		42
	<p>F8 inset panels</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile • Same dimensions as for standard drawers (inside depth) • Available in the heights H90 and H186 • Also for cutting to length 		44
	<p>Rectangular railing and divider railing, individual components</p> <ul style="list-style-type: none"> • Easy to fit • Can be ordered separately 		54
	<p>Crystal clip for slide-in elements</p> <ul style="list-style-type: none"> • For slide length of 8 mm • For wooden and steel back panels 		56
	<p>Steel back panels</p> <ul style="list-style-type: none"> • Steel back panels for regular and pot drawers • Colour coordinated • In the heights H63, H90 and H186 		58
	<p>Designer panels</p> <ul style="list-style-type: none"> • Installation information for designer panels H63, H90, H122 and H186 • Magnetic adhesive tape can be ordered 		60

NOVA PRO SCALA

Drawers H63



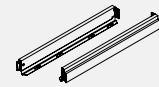
- Extremely low drawer for limited heights
- Can be personalised with designer panels
- Integrated height and side adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Robust design and high level of stability
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 228 = 150 items in a cardboard box
- 250 = 1500 items in a cardboard box

ORDER INFORMATION

- 1** Nova Pro Scala drawer sides H63
Set: One left, one right

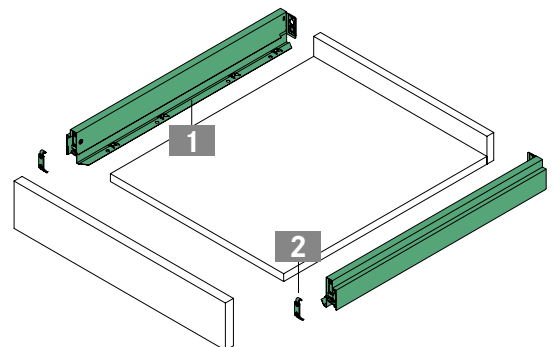


NL	Stone				Ice				Silver			
	Item No.	PU		Item No.	PU		Item No.	PU				
400	F100103009	201	211	F100103036	201	211	F100103063	201	211			
450	F100103012	201	211	F100103039	201	211	F100103066	201	211			
500	F100103015	201	211	228	F100103042	201	211	228	F100103069	201	211	228
550	F100103018	201	211		F100103045	201	211		F100103072	201	211	

- 2** Installation hook
Single item: Can be used on left/right



Description	Item No.	PU	
Expansion dowel	F102117716	123	
For press fitting	F102038331	123	250
For screw fixing	F102038330	123	



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Designer panels	60	Sensomatic	75	Packaging code	131

PLANNING DIMENSIONS

All dimensions in millimetres

Front installation dimensions	Back panel installation dimensions	Cutting dimensions for 16 mm chipboard												
<table border="1"> <thead> <tr> <th colspan="3">Slide</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>16/19</td> <td>18</td> </tr> <tr> <td>EB</td> <td>29</td> <td>30</td> </tr> <tr> <td>A</td> <td>21.5</td> <td>22.5</td> </tr> </tbody> </table> <p>Note: Slide available in two versions: For S16/S19 and S18. Refer to the Slides section (from page 32).</p>			Slide			S	16/19	18	EB	29	30	A	21.5	22.5
Slide														
S	16/19	18												
EB	29	30												
A	21.5	22.5												
<p>* Recommendation/Minimum dimension: 49.5 mm/Tipmatic Soft-close: 58 mm</p>														

Fixing positions for full extension slide

Euro screw $\varnothing 6 \times 13$ mm

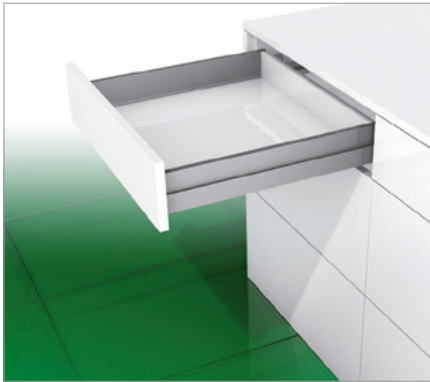
40 kg **70 kg**

LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA

Drawers H90



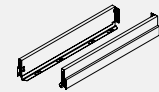
- The practical standard drawer for all applications
- Can be personalised with designer panels
- Integrated height and side adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Robust design and high level of stability
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 228 = 150 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 547 = 1000 items in PE in a cardboard box

ORDER INFORMATION

1 Nova Pro Scala drawer sides H90 Set: One left, one right

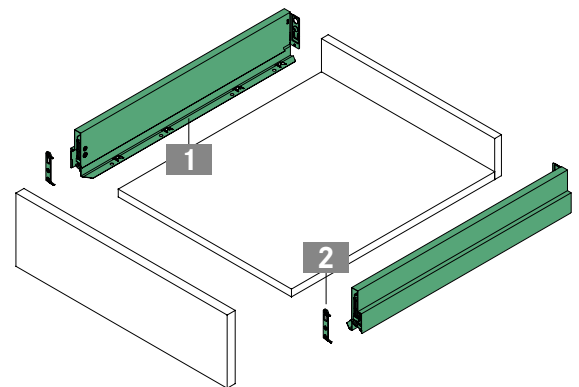


NL	Stone				Ice				Silver				
	Item No.	PU		Item No.	PU		Item No.	PU					
270	F100103108	201	211	F100103135	201	211	F100103162	201	211				
300	F100103111	201	211	F100103138	201	211	F100103165	201	211				
350	F100103114	201	211	F100103141	201	211	F100103168	201	211				
400	F100103117	201	211	F100103144	201	211	F100103171	201	211				
450	F100103120	201	211	228	F100103147	201	211	228	F100103174	201	211	228	
500	F100103123	201	211	228	F100103150	201	211	228	F100103177	201	211	228	
550	F100103126	201	211		F100103153	201	211		F100103180	201	211		
600	F100103129	201	211		F100103156	201	211		F100103183	201	211		
650	F100103132	201	211		F100103159	201	211		F100103186	201	211		

2 Installation hook Single item: Can be used on left/right



	Description	Item No.	PU	
32 mm	Expansion dowel	F102117719	123	547
50 mm	Expansion dowel	F102117720	123	547
32 mm	For press fitting	F102021854	123	250
50 mm	For press fitting	F102021153	123	250
	For screw fixing	F102021855	123	547

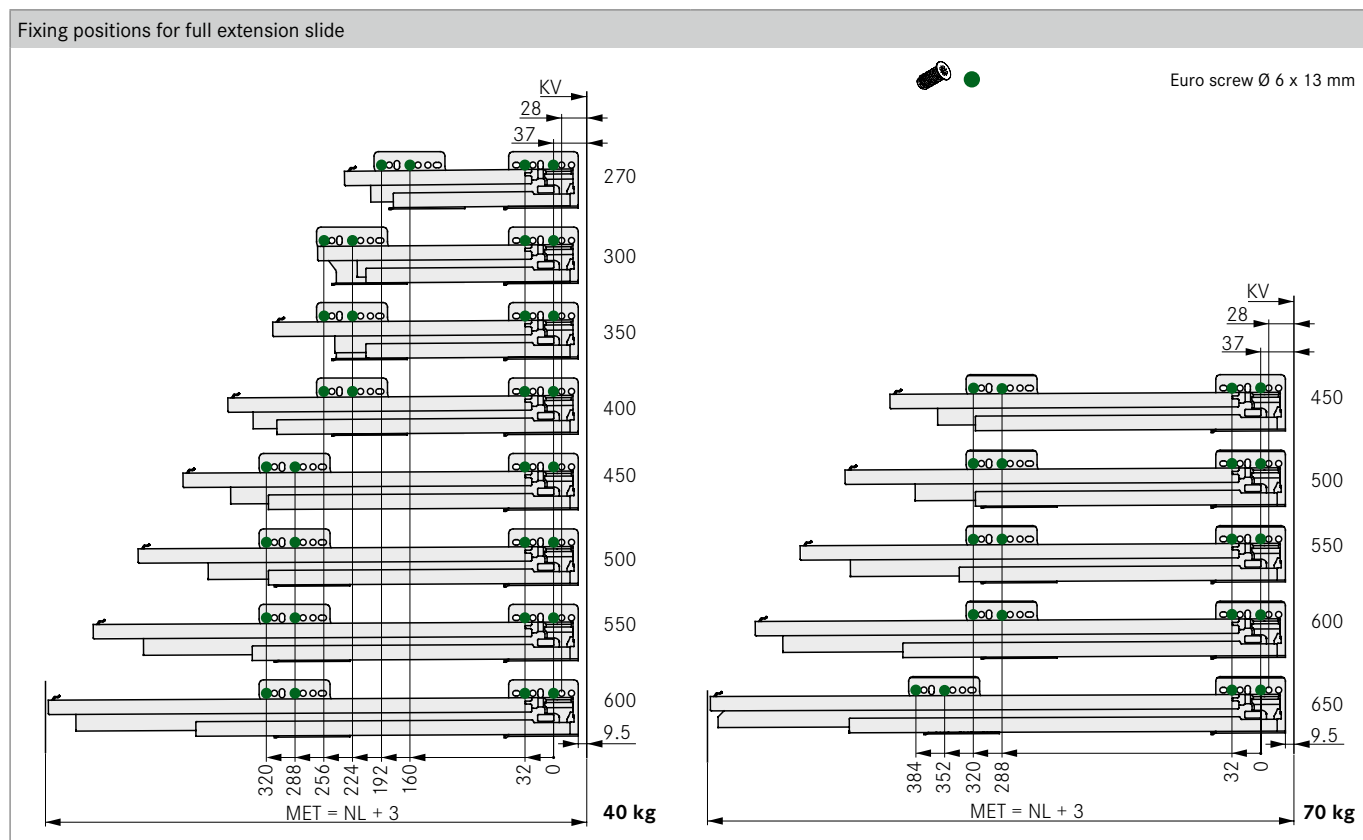
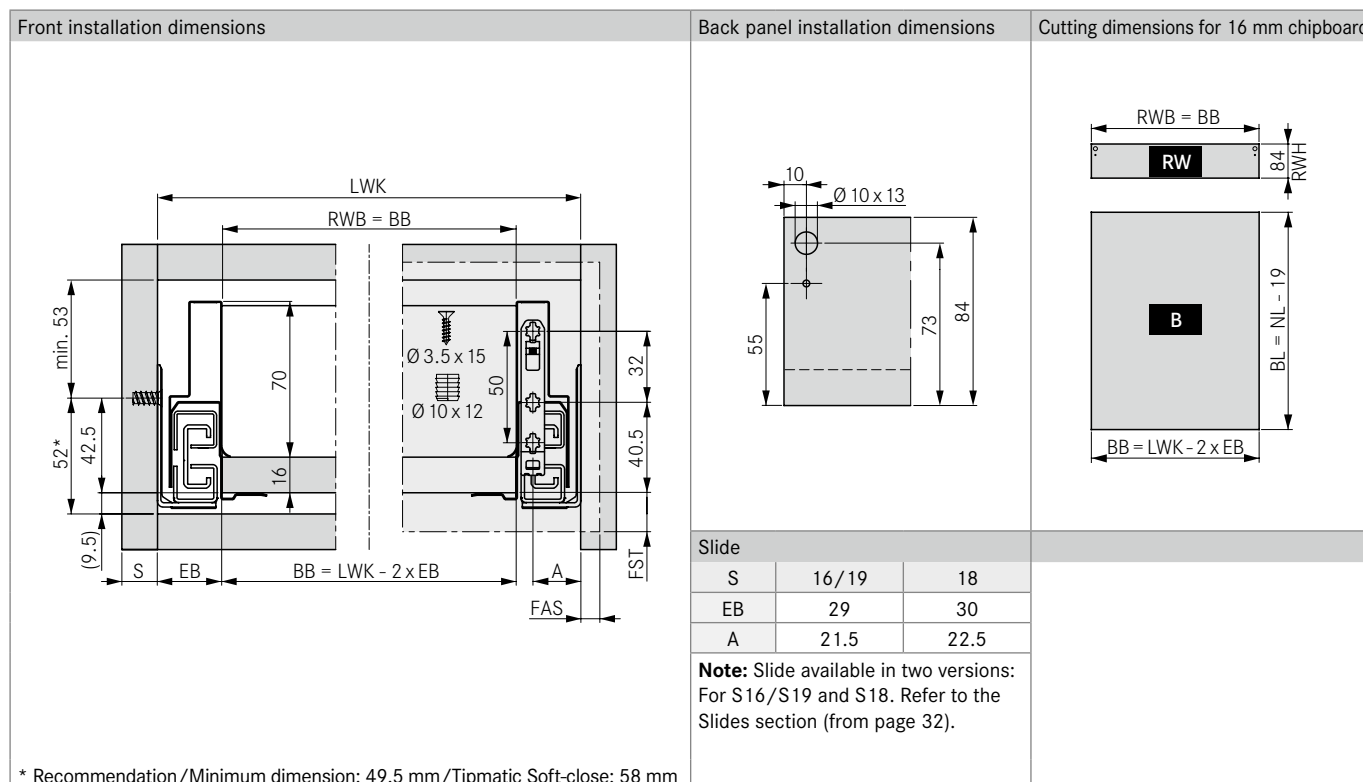


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PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA

Drawers H122



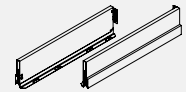
- The elegant intermediate height for special applications
- Can be personalised with designer panels
- Integrated height, side and tilt angle adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Robust design and high level of stability
- Tool-free installation and removal of the front
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- 547 = 1000 items in PE in a cardboard box

ORDER INFORMATION

1 Nova Pro Scala drawer sides H122 Set: One left, one right

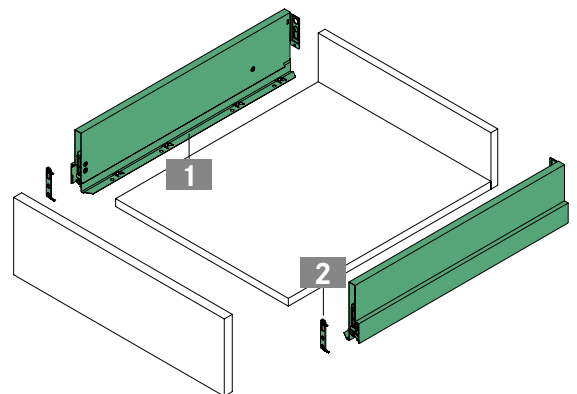


NL	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
400	F100103225	201	211	F100103252	201	211	F100103279	201	211
450	F100103228	201	211	F100103255	201	211	F100103282	201	211
500	F100103231	201	211	F100103258	201	211	F100103285	201	211
550	F100103234	201	211	F100103261	201	211	F100103288	201	211
600	F100103237	201	211	F100103264	201	211	F100103291	201	211

2 Installation hook Single item: Can be used on left/right



	Description	Item No.	PU
32 mm	Expansion dowel	F102117719	123 547
50 mm	Expansion dowel	F102117720	123 547
32 mm	For press fitting	F102021854	123 250
50 mm	For press fitting	F102021153	123 250
	For screw fixing	F102021855	123 547

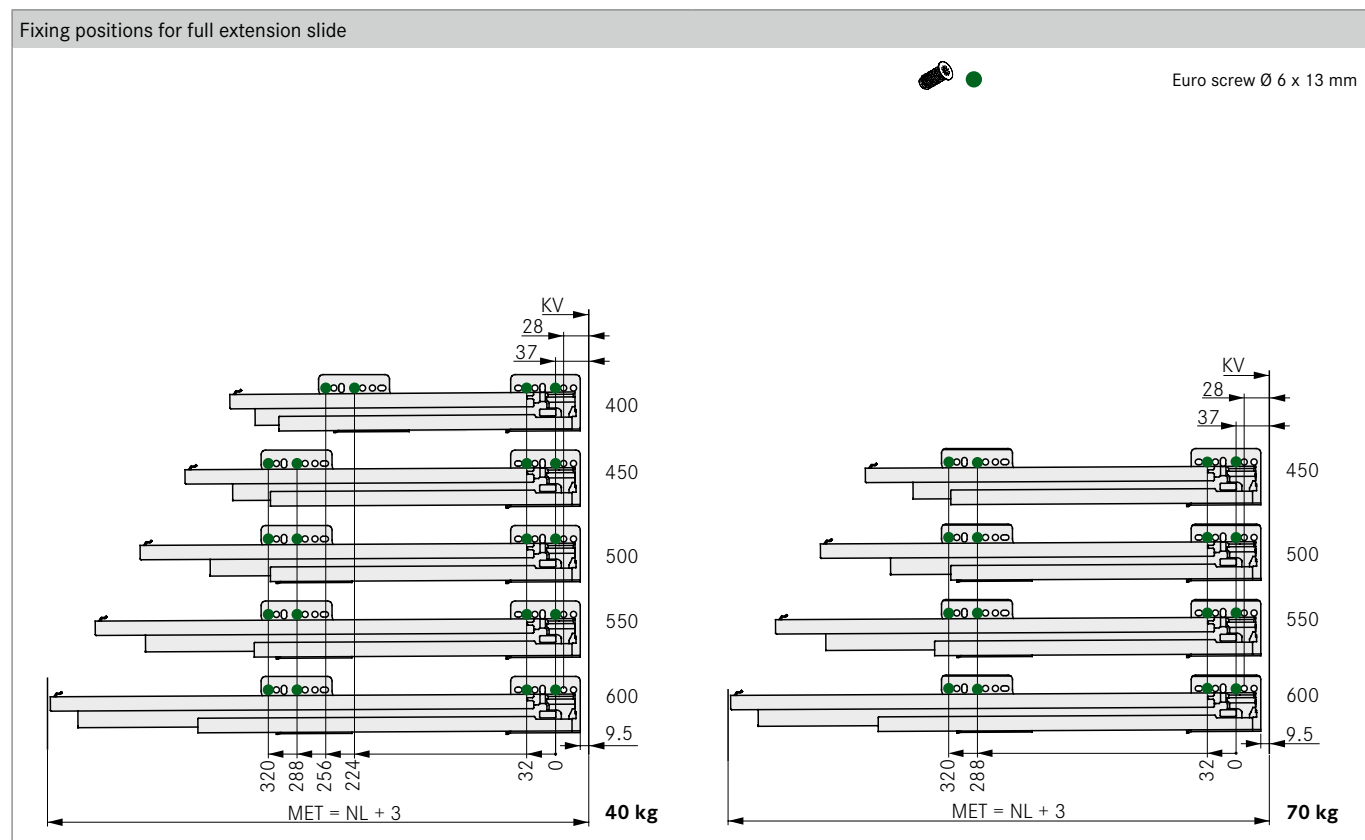
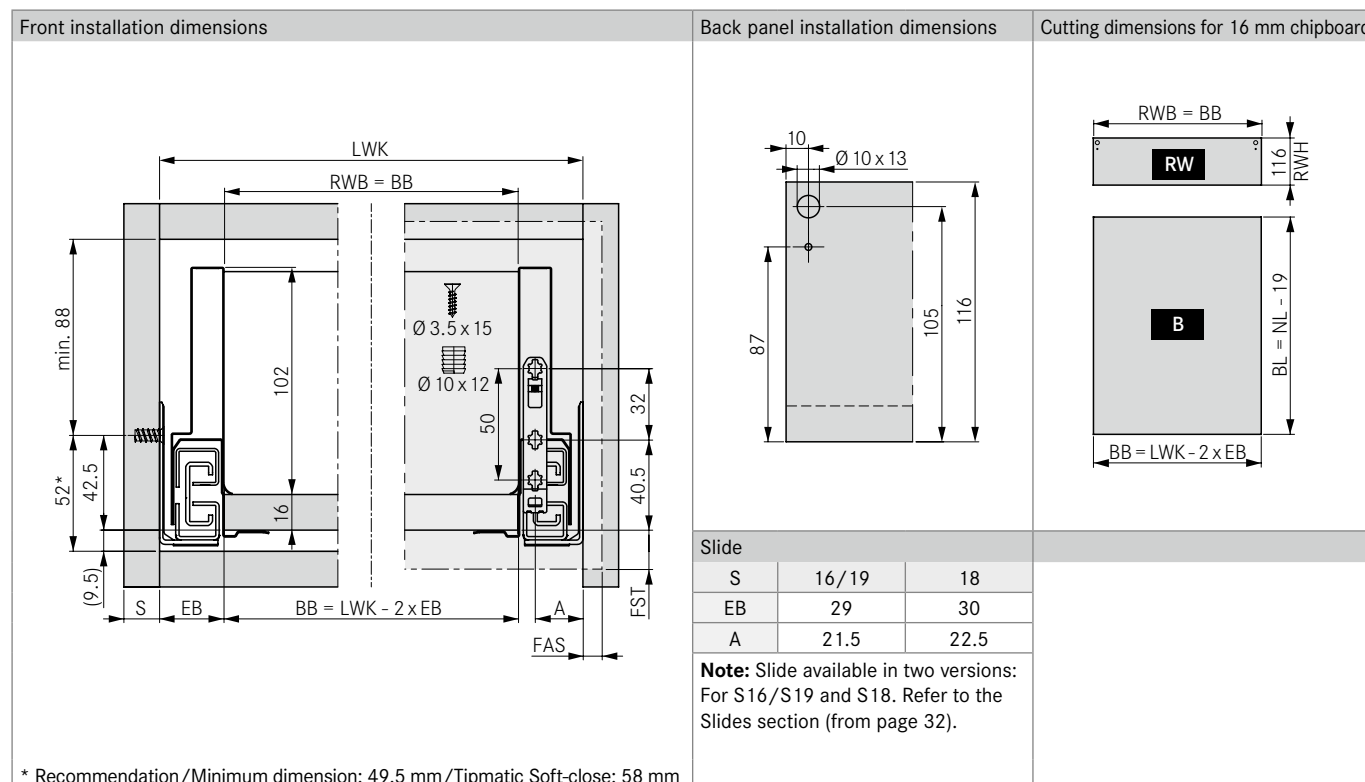


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PLANNING DIMENSIONS

All dimensions in millimetres

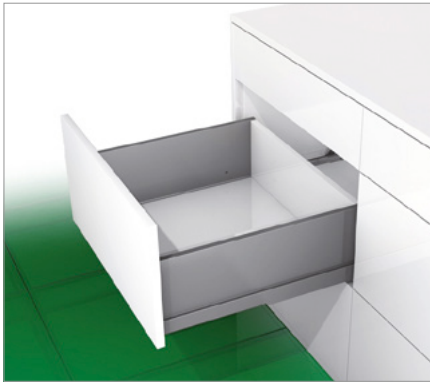


LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA

High drawer H186



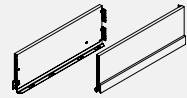
- Slim, closed drawer side
- High stability up to a front height of 780 mm
- Can be personalised with designer panels
- Integrated height, side and tilt angle adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 247 = 1000 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 547 = 1000 items in PE in a cardboard box

ORDER INFORMATION

1 Nova Pro Scala drawer sides H186 Set: One left, one right



NL	Stone				Ice				Silver			
	Item No.	PU	Item No.	PU	Item No.	PU	Item No.	PU				
270	F100103300	201 211	F100103327	201 211	F100103354	201 211						
300	F100103303	201 211	F100103330	201 211	F100103357	201 211						
350	F100103306	201 211	F100103333	201 211	F100103360	201 211						
400	F100103309	201 211	F100103336	201 211	F100103363	201 211						
450	F100103312	201 211	F100103339	201 211	F100103366	201 211						
500	F100103315	201 211	F100103342	201 211	F100103369	201 211						
550	F100103318	201 211	F100103345	201 211	F100103372	201 211						
600	F100103321	201 211	F100103348	201 211	F100103375	201 211						
650	F100103324	201 211	F100103351	201 211	F100103378	201 211						

2 Installation hook Single item: Can be used on left/right

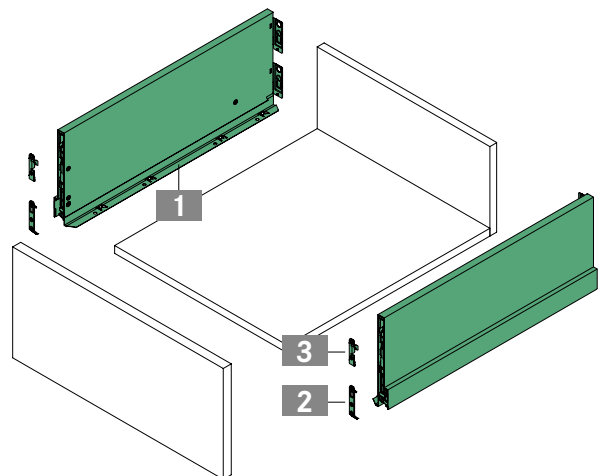


	Description	Item No.	PU
32 mm	Expansion dowel	F102117719	123 547
50 mm	Expansion dowel	F102117720	123 547
32 mm	For press fitting	F102021854	123 250
50 mm	For press fitting	F102021153	123 250
	For screw fixing	F102021855	123 547

3 Front clip Single item: Can be used on left/right



	Description	Item No.	PU
32 mm	Expansion dowel	F102104835	123 247
32 mm	For press fitting	F102104834	123 247
32 mm	For screw fixing	F102104833	123 247

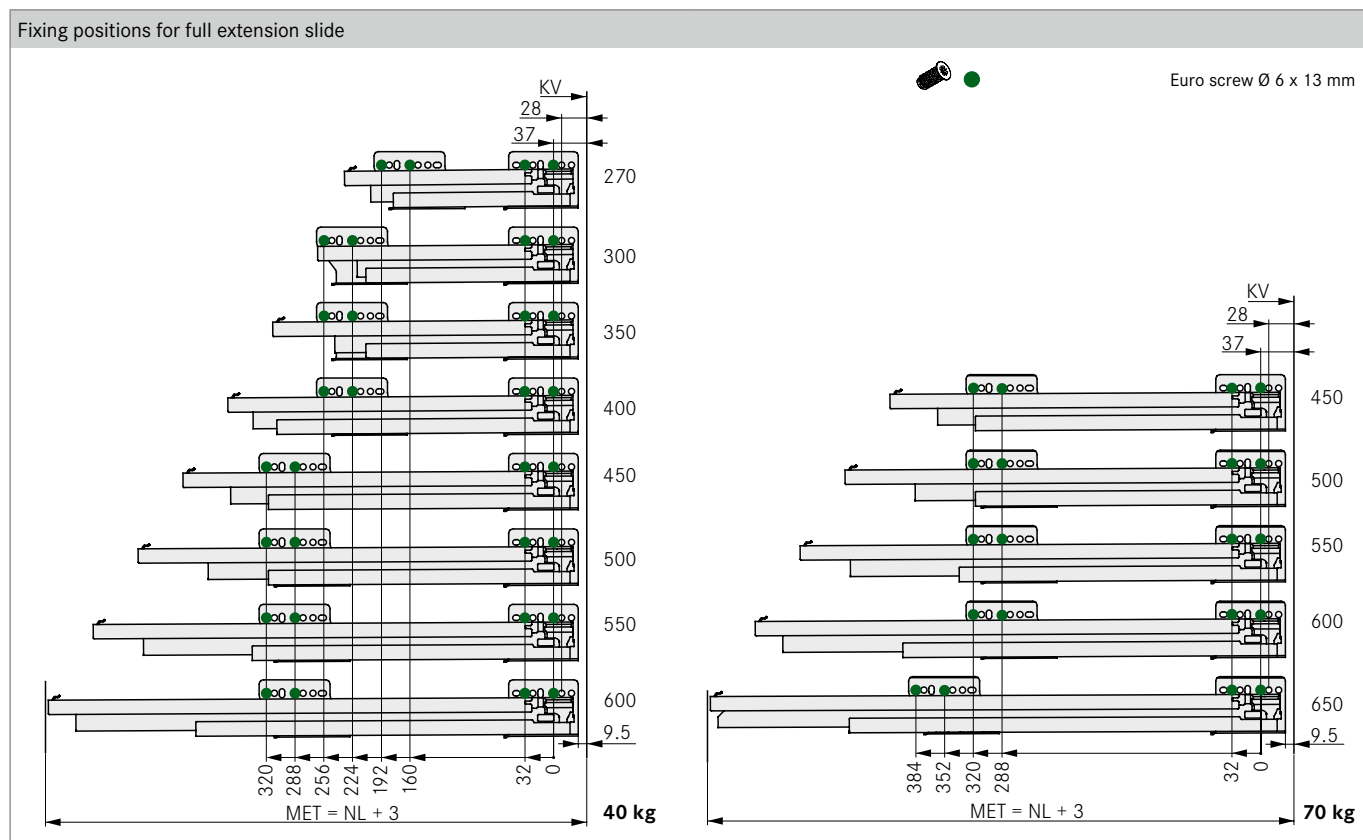
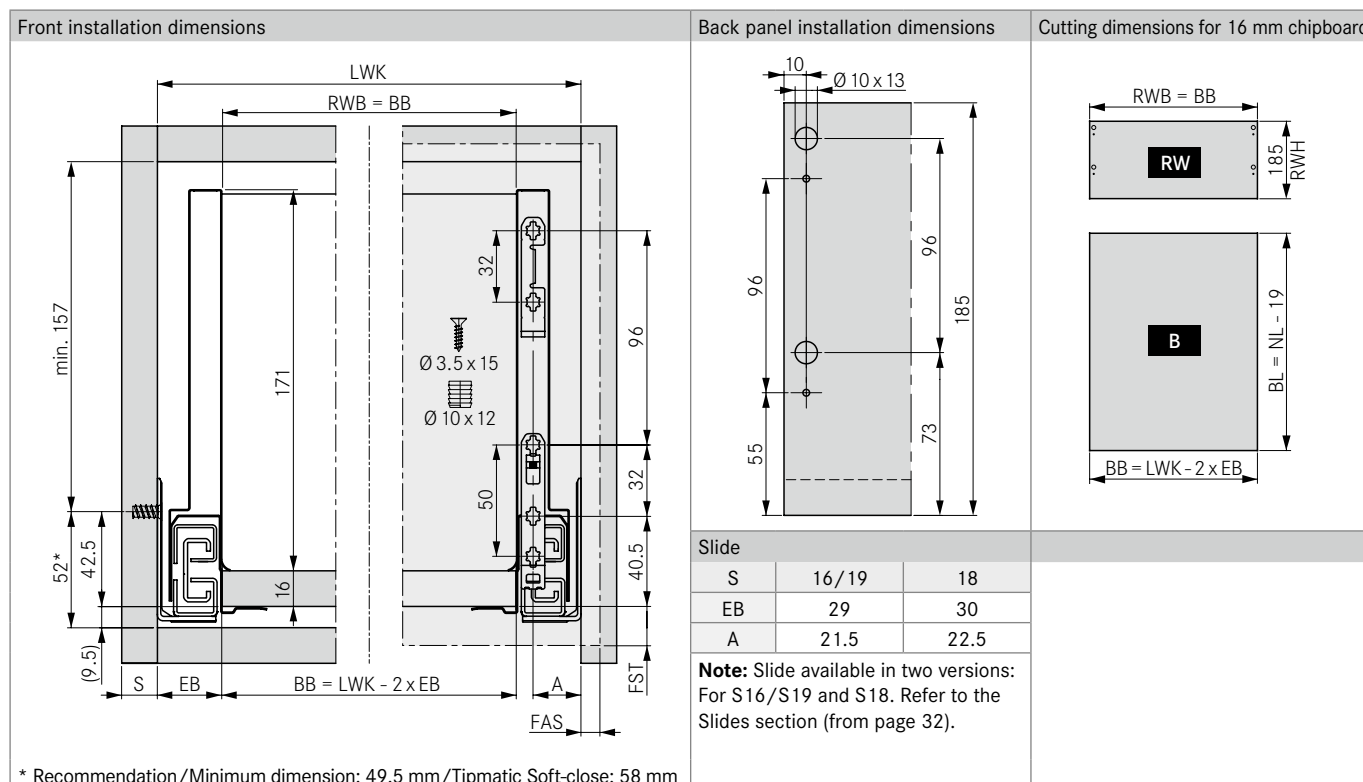


PAGE REFERENCES

Slides	32	Designer panels	60	Sensomatic	75
Inset panels	44	Accessories	62	Organising systems	97
Steel back panels	58	Technical information	68	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

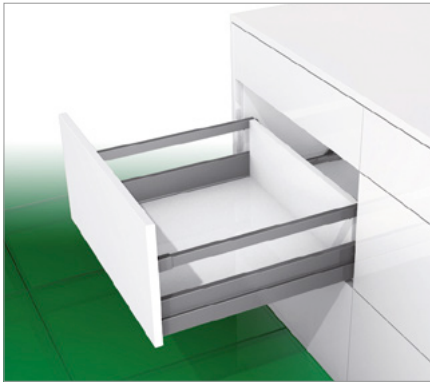


LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA

Pot drawer H90 with rectangular railing



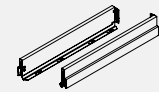
- Snug-fitting rectangular railing
- Flush-fitting back panel adapter
- Minimum plastic parts
- Integrated height and side adjustment
- Tilt angle adjustment using railing
- Optimum use of space due to straight inside surfaces and low construction width
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 228 = 150 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 507 = 10 items in PE in a cardboard box
- 547 = 1000 items in PE in a cardboard box

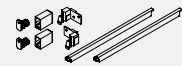
ORDER INFORMATION

1 Nova Pro Scala drawer sides H90 Set: One left, one right



NL	Stone				Ice				Silver			
	Item No.	PU			Item No.	PU			Item No.	PU		
270	F100103108	201	211		F100103135	201	211		F100103162	201	211	
300	F100103111	201	211		F100103138	201	211		F100103165	201	211	
350	F100103114	201	211		F100103141	201	211		F100103168	201	211	
400	F100103117	201	211		F100103144	201	211		F100103171	201	211	
450	F100103120	201	211	228	F100103147	201	211	228	F100103174	201	211	228
500	F100103123	201	211	228	F100103150	201	211	228	F100103177	201	211	228
550	F100103126	201	211		F100103153	201	211		F100103180	201	211	
600	F100103129	201	211		F100103156	201	211		F100103183	201	211	
650	F100103132	201	211		F100103159	201	211		F100103186	201	211	

2 Rectangular railing, screw-on, for wooden back panel Set: Railing, railing bracket (front/back) and cover cap, one of each left/right

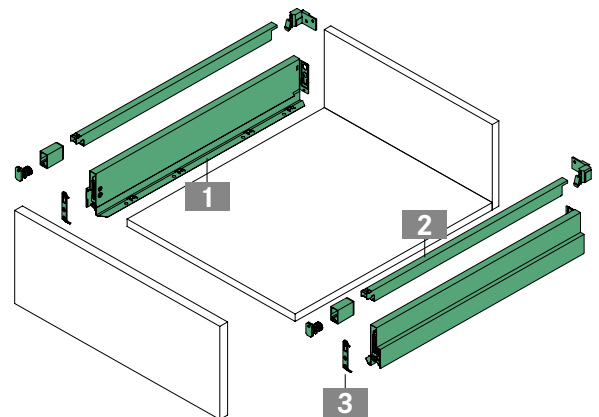


NL	Stone				Ice				Silver			
	Item No.	PU			Item No.	PU			Item No.	PU		
270	F102103516	507			F102103525	507			F102103534	507		
300	F102103517	507			F102103526	507			F102103535	507		
350	F102103518	507			F102103527	507			F102103536	507		
400	F102103519	507			F102103528	507			F102103537	507		
450	F102103520	507			F102103529	507			F102103538	507		
500	F102103521	507			F102103530	507			F102103539	507		
550	F102103522	507			F102103531	507			F102103540	507		
600	F102103523	507			F102103532	507			F102103541	507		
650	F102103524	507			F102103533	507			F102103542	507		

3 Installation hook Single item: Can be used on left/right



	Description	Item No.	PU
32 mm	Expansion dowel	F102117719	123 547
50 mm	Expansion dowel	F102117720	123 547
32 mm	For press fitting	F102021854	123 250
50 mm	For press fitting	F102021153	123 250
	For screw fixing	F102021855	123 547

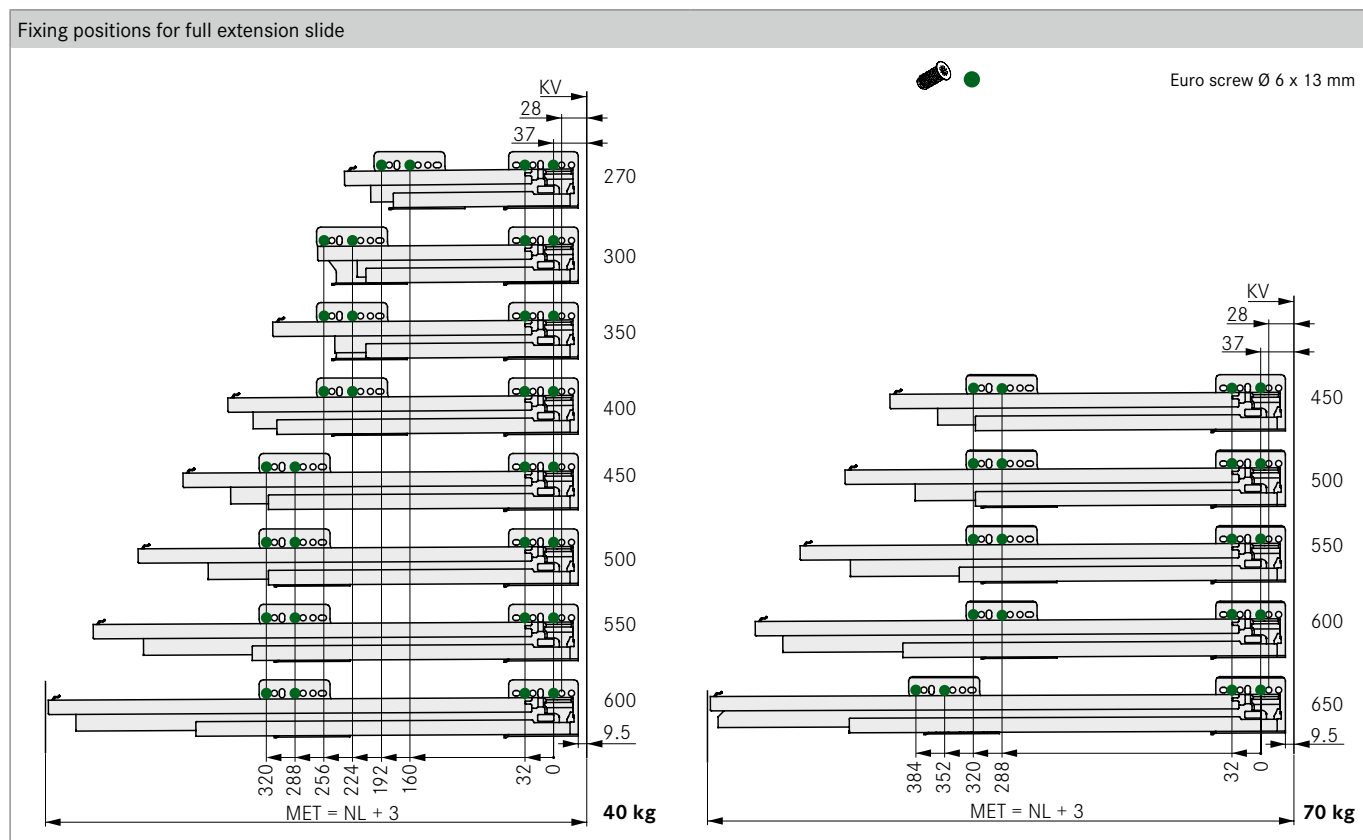
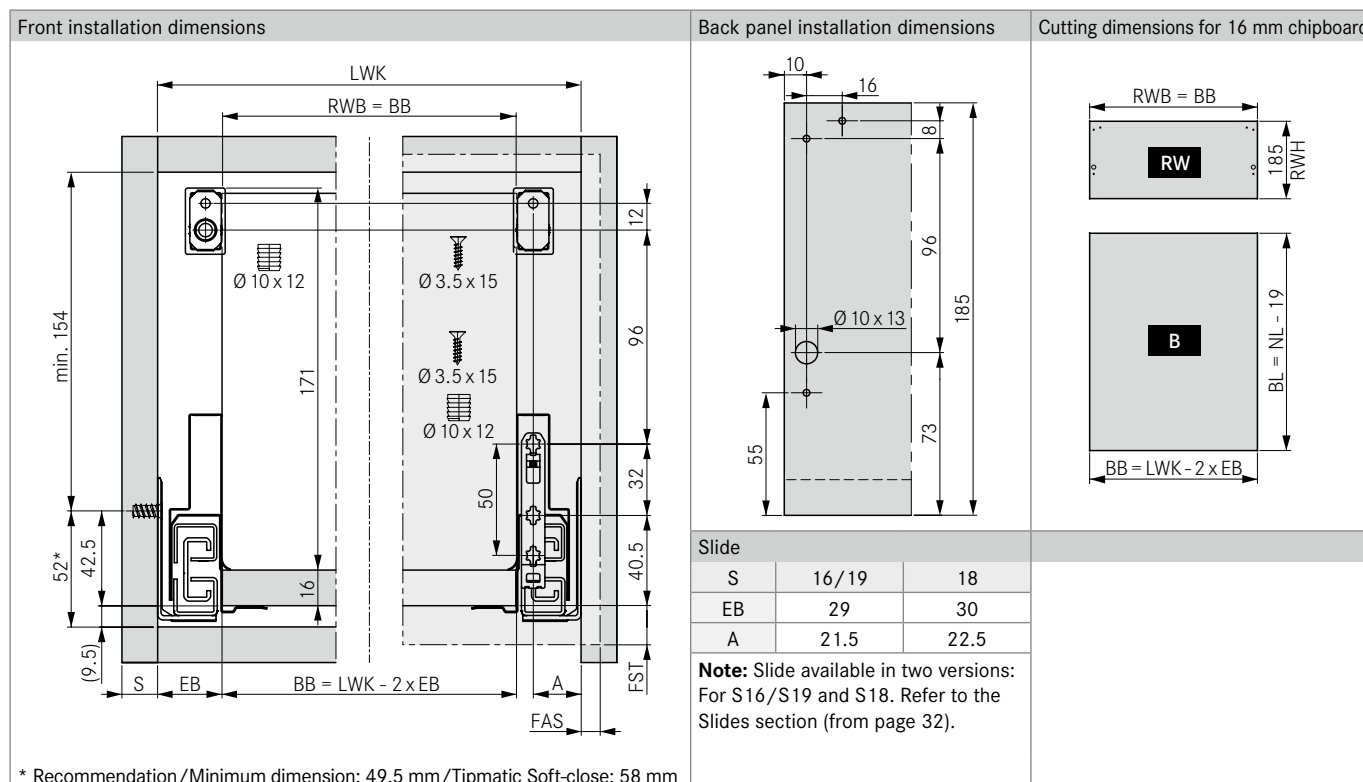


PAGE REFERENCES

Slides	32	Steel back panels	58	Technical information	68
Inset panels	44	Designer panels	60	Sensomatic	75
Individual components	54	Accessories	62	Organising systems	97

PLANNING DIMENSIONS

All dimensions in millimetres

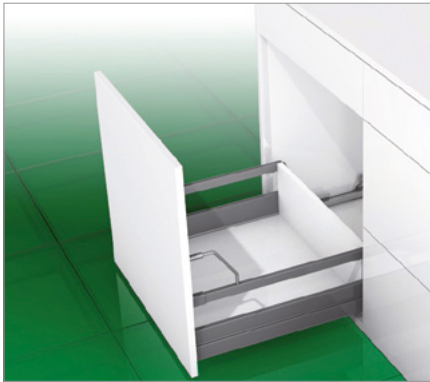


LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA

Pot drawer H90 with rectangular railing and front support



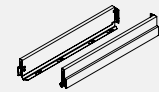
- Additional fixing points for optimum stability with extra-high fronts
- Flush-fitting back panel adapter
- Integrated height and side adjustment
- Tilt angle adjustment using railing and front support
- Optimum use of space due to straight inside surfaces and low construction width
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 228 = 150 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 507 = 10 items in PE in a cardboard box
- 547 = 1000 items in PE in a cardboard box

ORDER INFORMATION

1 Nova Pro Scala drawer sides H90 Set: One left, one right



NL	Stone				Ice				Silver			
	Item No.	PU		Item No.	PU		Item No.	PU				
400	F100103117	201	211	F100103144	201	211	F100103171	201	211			
450	F100103120	201	211 228	F100103147	201	211 228	F100103174	201	211 228			
500	F100103123	201	211 228	F100103150	201	211 228	F100103177	201	211 228			
550	F100103126	201	211	F100103153	201	211	F100103180	201	211			
600	F100103129	201	211	F100103156	201	211	F100103183	201	211			
650	F100103132	201	211	F100103159	201	211	F100103186	201	211			

2 Rectangular railing with front support, screw-on, for wooden back panel Set: Railing, railing bracket (front/back) and cover cap, one of each left/right



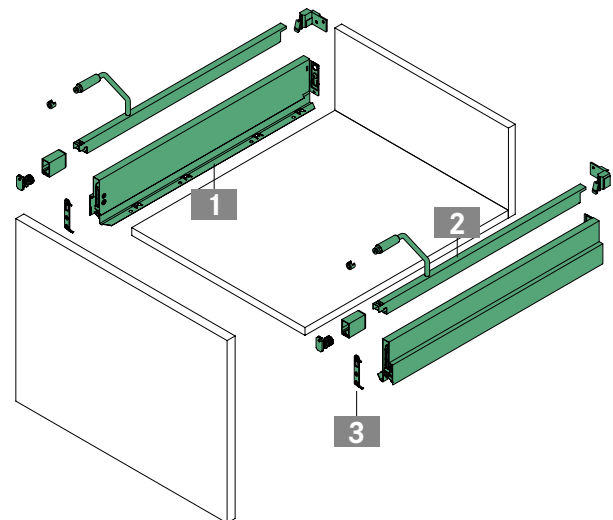
NL	Stone				Ice				Silver			
	Item No.	PU		Item No.	PU		Item No.	PU				
400	F102103555	507		F102103564	507		F102103573	507				
450	F102103556	507		F102103565	507		F102103574	507				
500	F102103557	507		F102103566	507		F102103575	507				
550	F102103558	507		F102103567	507		F102103576	507				
600*	F102103559	507		F102103568	507		F102103577	507				
650*	F102103560	507		F102103569	507		F102103578	507				

* upon request

3 Installation hook Single item: Can be used on left/right



	Description	Item No.	PU	
32 mm	Expansion dowel	F102117719	123	547
50 mm	Expansion dowel	F102117720	123	547
32 mm	For press fitting	F102021854	123	250
50 mm	For press fitting	F102021153	123	250
	For screw fixing	F102021855	123	547

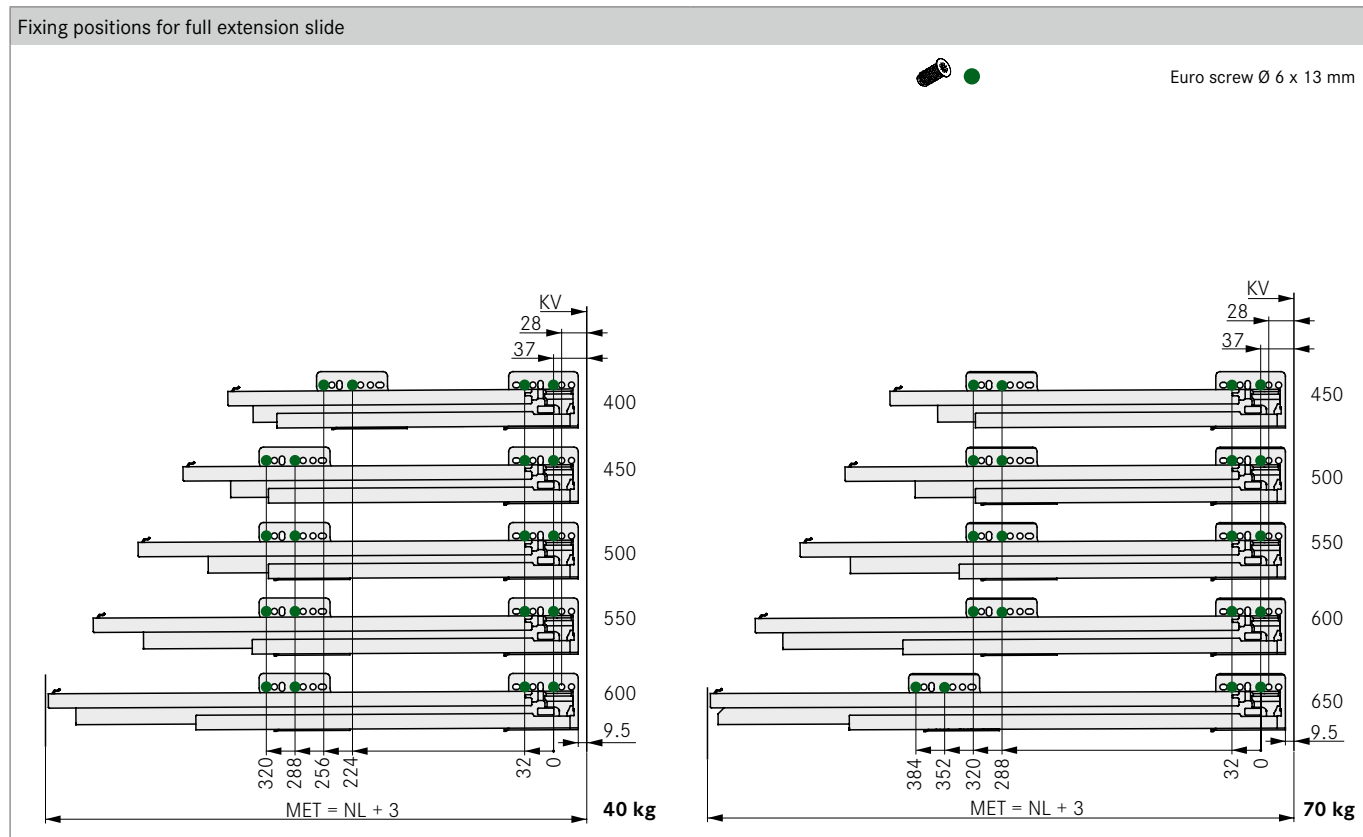
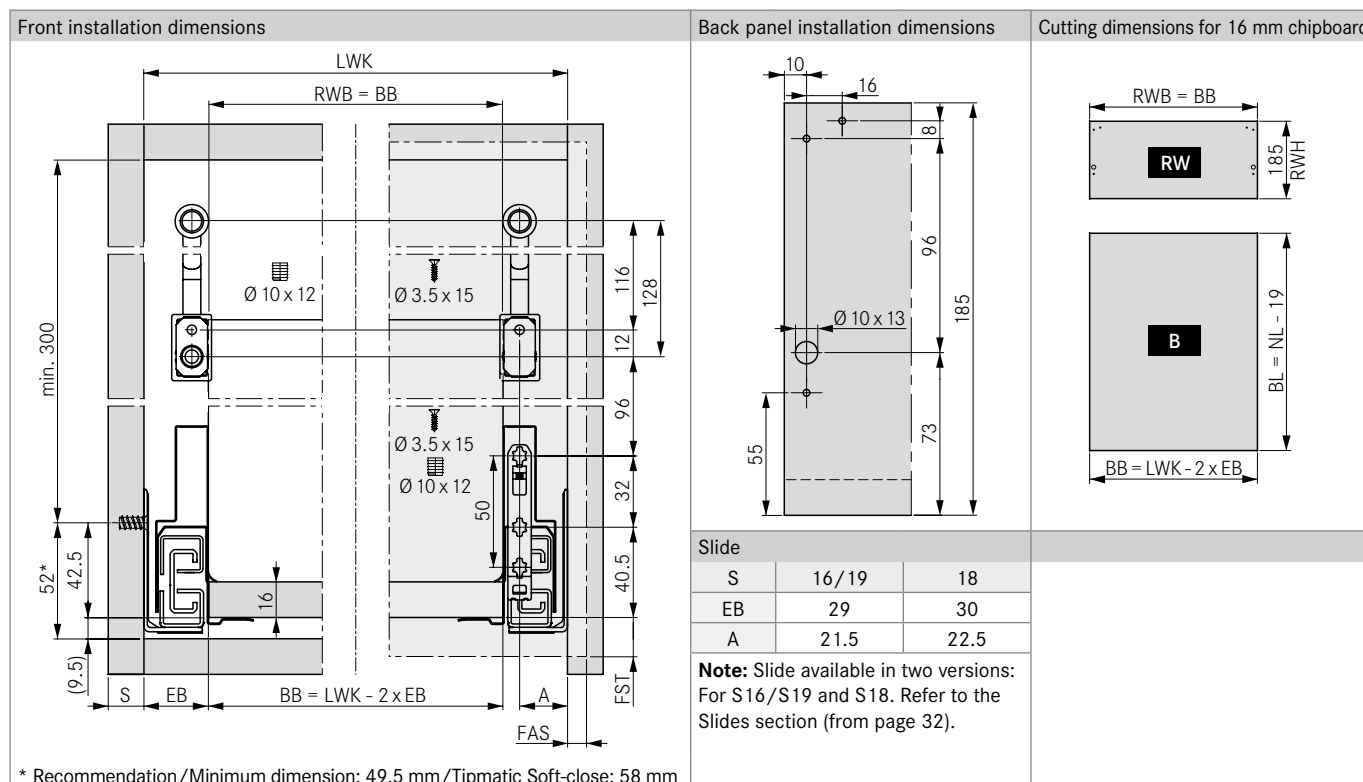


PAGE REFERENCES

Slides	32	Designer panels	60	Sensomatic	75
Inset panels	44	Accessories	62	Organising systems	97
Steel back panels	58	Technical information	68	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

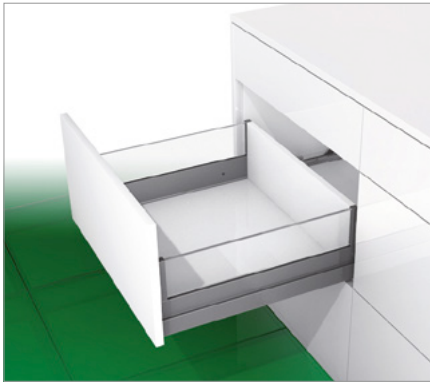


LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA CRYSTAL

Pot drawer for slide-in elements height 94 mm



- No processing of the slide-in elements necessary
- High level of stability, also without front and slide-in elements
- Elegant, steel covered glass clips
- Integrated height, side and tilt angle adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Tool-free installation and removal of the front
- Width of bottom and back panel is the same
- Bottom panel machining not required

Packaging unit (PU):

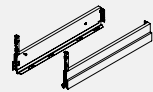
- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 247 = 1000 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 507 = 10 items in PE in a cardboard box
- 547 = 1000 items in PE in a cardboard box

Note:

When using glass slide-in elements we recommend using single pane safety glass and refer to national and international safety standards.

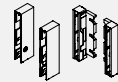
ORDER INFORMATION

1 Nova Pro Scala Crystal drawer sides H90 Set: One left, one right



NL	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
270	F100103408	201	211	F100103435	201	211	F100103462	201	211
300	F100103411	201	211	F100103438	201	211	F100103465	201	211
350	F100103414	201	211	F100103441	201	211	F100103468	201	211
400	F100103417	201	211	F100103444	201	211	F100103471	201	211
450	F100103420	201	211	F100103447	201	211	F100103474	201	211
500	F100103423	201	211	F100103450	201	211	F100103477	201	211
550	F100103426	201	211	F100103453	201	211	F100103480	201	211
600	F100103429	201	211	F100103456	201	211	F100103483	201	211
650	F100103432	201	211	F100103459	201	211	F100103486	201	211

2 Nova Pro Scala Crystal fixture for wooden back panel Set: Glass clip (front/back), one on left/right



	Stone		Ice		Silver	
	Item No.	PU	Item No.	PU	Item No.	PU
	F102104836	507	F102104843	507	F102104850	507

3 Installation hook Single item: Can be used on left/right

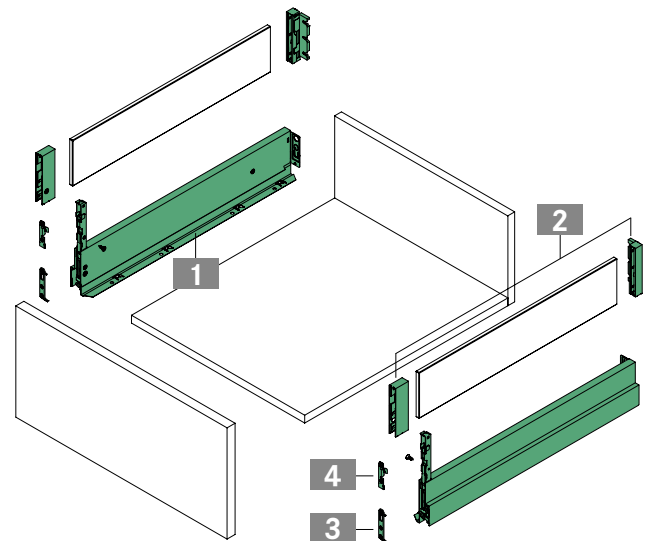


	Description	Item No.	123	547	250
32 mm	Expansion dowel	F102117719	123	547	
50 mm	Expansion dowel	F102117720	123	547	
32 mm	For press fitting	F102021854	123		250
50 mm	For press fitting	F102021153	123		250
	For screw fixing	F102021855	123	547	

4 Front clip Single item: Can be used on left/right



	Description	Item No.	123	247
32 mm	Expansion dowel	F102104835	123	247
32 mm	For press fitting	F102104834	123	247
32 mm	For screw fixing	F102104833	123	247

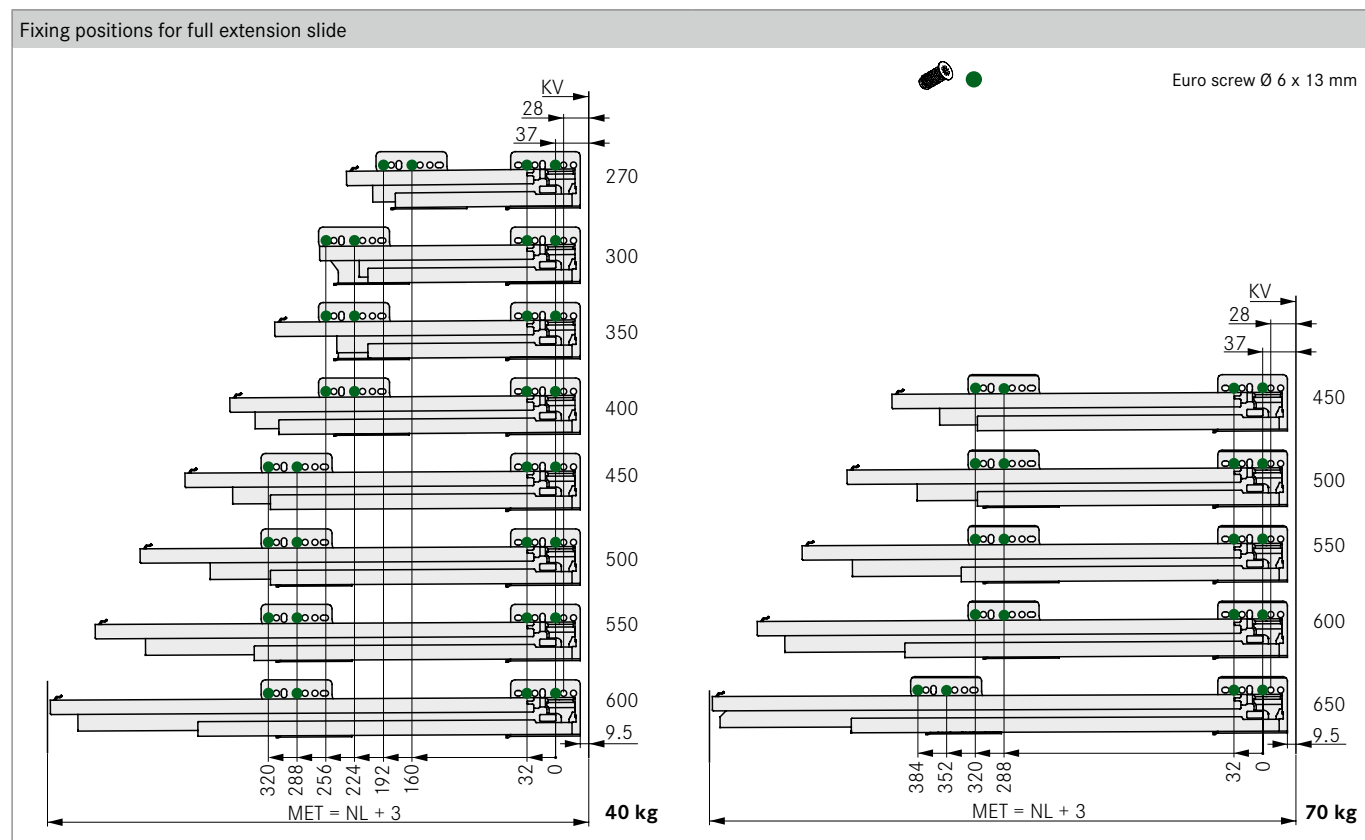
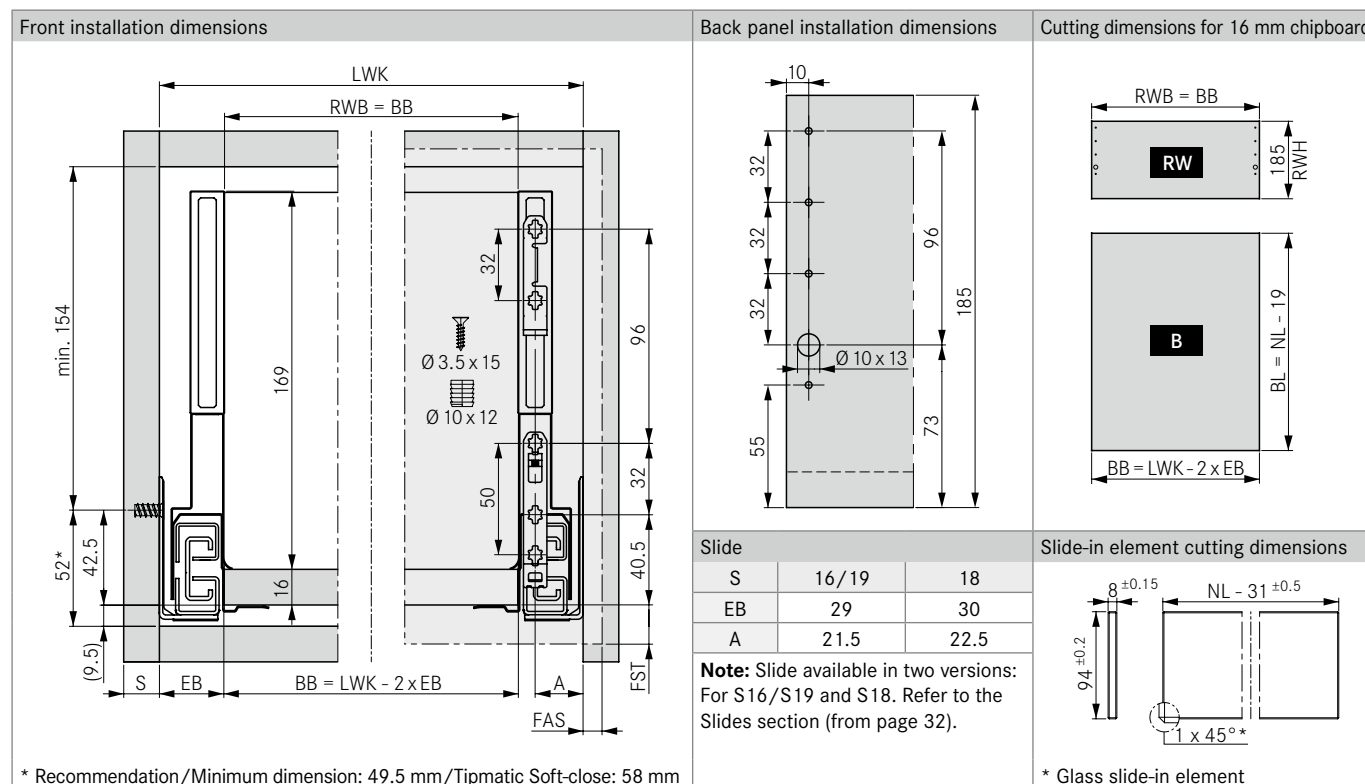


PAGE REFERENCES

Slides	32	Individual components	56	Sensomatic	75
Inset panels	44	Accessories	62	Organising systems	97
Steel back panels	58	Technical information	68	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SCALA CRYSTAL PLUS

Frame drawer for large slide-in elements, height 140 mm



- No processing of the slide-in elements necessary
- Patented clip technology makes it easy to slide the elements in
- No additional cover caps
- High level of stability, also without front and slide-in elements
- Integrated height, side and tilt angle adjustment
- Optimum use of space due to straight inside surfaces and low construction width
- Tool-free installation and removal of the front

Packaging unit (PU):

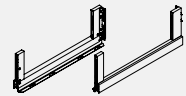
- 123 = 100 items in PE
- 201 = 1 item in cardboard box (smallest PU = 10 units)
- 211 = 20 items in a cardboard box
- 247 = 1000 items in a cardboard box
- 250 = 1500 items in a cardboard box
- 547 = 1000 items in PE in a cardboard box

Note:

When using glass slide-in elements we recommend using single pane safety glass and refer to national and international safety standards.

ORDER INFORMATION

1 Nova Pro Scala Crystal Plus drawer sides Set: One left, one right



NL	Stone				Ice				Silver			
	Item No.	PU	Item No.	PU	Item No.	PU	Item No.	PU				
270	F100104724	201 211	F100104751	201 211	F100104778	201 211						
300	F100104727	201 211	F100104754	201 211	F100104781	201 211						
350	F100104730	201 211	F100104757	201 211	F100104784	201 211						
400	F100104733	201 211	F100104760	201 211	F100104787	201 211						
450	F100104736	201 211	F100104763	201 211	F100104790	201 211						
500	F100104739	201 211	F100104766	201 211	F100104793	201 211						
550	F100104742	201 211	F100104769	201 211	F100104796	201 211						
600	F100104745	201 211	F100104772	201 211	F100104799	201 211						
650	F100104748	201 211	F100104775	201 211	F100104802	201 211						

2 Installation hook Single item: Can be used on left/right

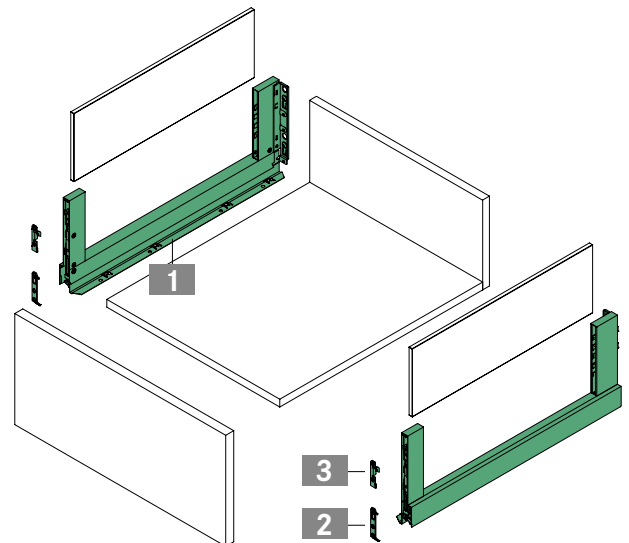


	Description	Item No.	PU
32 mm	Expansion dowel	F102117719	123 547
50 mm	Expansion dowel	F102117720	123 547
32 mm	For press fitting	F102021854	123 250
50 mm	For press fitting	F102021153	123 250
	For screw fixing	F102021855	123 547

3 Front clip Single item: Can be used on left/right



	Description	Item No.	PU
32 mm	Expansion dowel	F102104835	123 247
32 mm	For press fitting	F102104834	123 247
32 mm	For screw fixing	F102104833	123 247

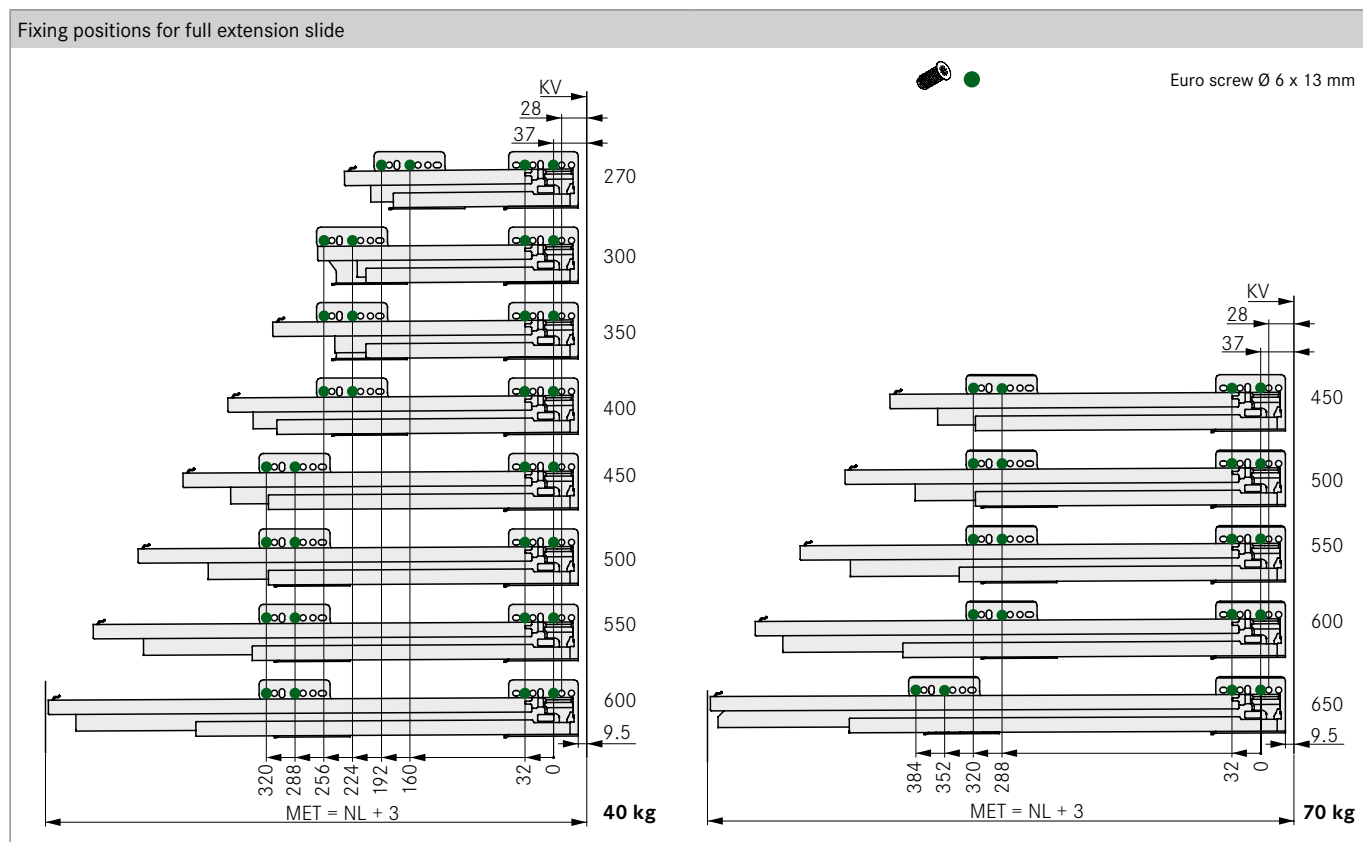
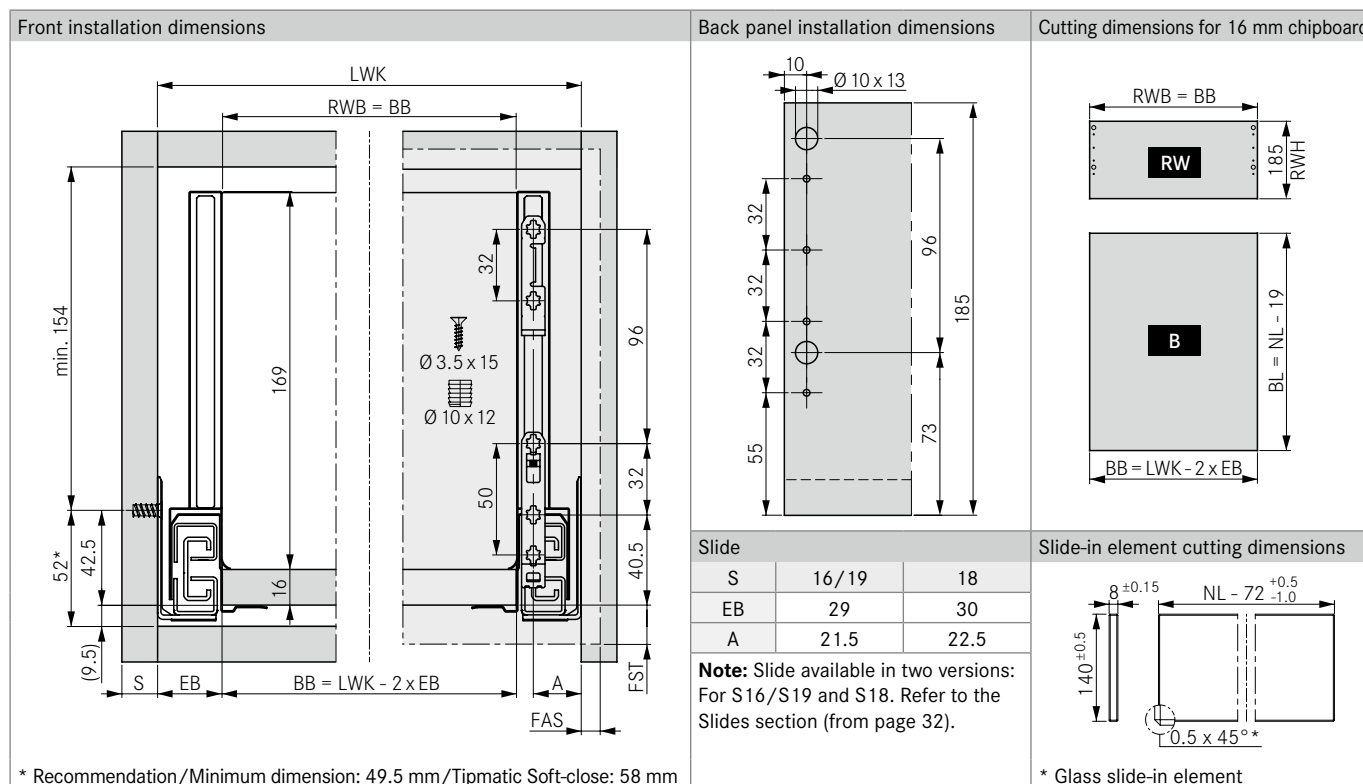


PAGE REFERENCES

Slides	32	Accessories	62	Organising systems	97
Inset panels	44	Technical information	68	Assembly technology	122
Steel back panels	58	Sensomatic	75	Assembly aids	126

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
BB / BL	Bottom width / Bottom length	KV	Front edge of cabinet	RW	Back panel
EB	Construction width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

NOVA PRO SOFT-CLOSE S16/S19

Full extension slide 40/70 kg



- Excellent running characteristics
- Fully-synchronised slide technology
- Soft-close damping system
- End stop damper
- Utmost lateral stability
- Minimum drawer deflection
- Suitable for all Nova Pro drawer sides

Packaging unit (PU):

211 = 20 items in a cardboard box

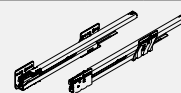
507 = 10 items in PE in a cardboard box

Notes:

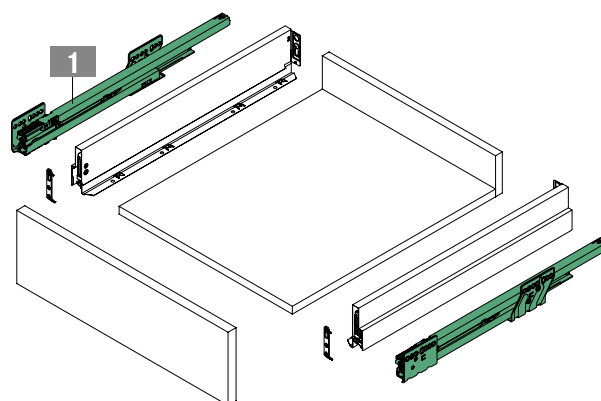
- Used with cabinet side wall S16 and S19 mm
- Construction width 29 mm
- Refer to installation information

ORDER INFORMATION

1 Nova Pro full extension slide Soft-close S16/S19
Set: One left, one right



NL	40 kg			70 kg											
	Item No.	507	211	Item No.	507	211									
270	F101108261	507	211	-											
300	F101108264	507	211	-											
350	F101108267	507	211	-											
400	F101108270	507	211	-											
450	F101108273	507	211	F101108285	507	211									
500	F101108276	507	211	F101108288	507	211									
550	F101108279	507	211	F101108291	507	211									
600	F101108282	507	211	F101108294	507	211									
650	-			F101108297	507	211									

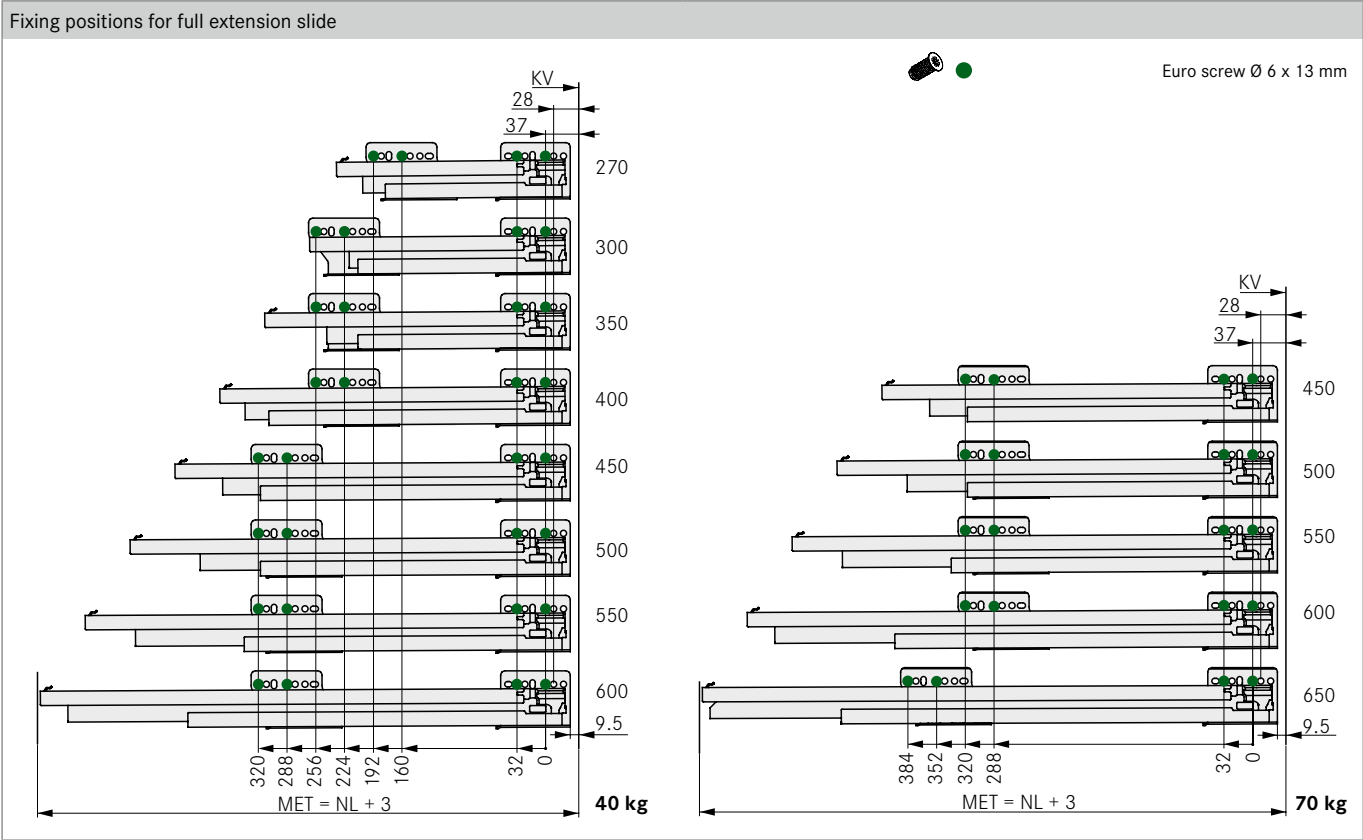
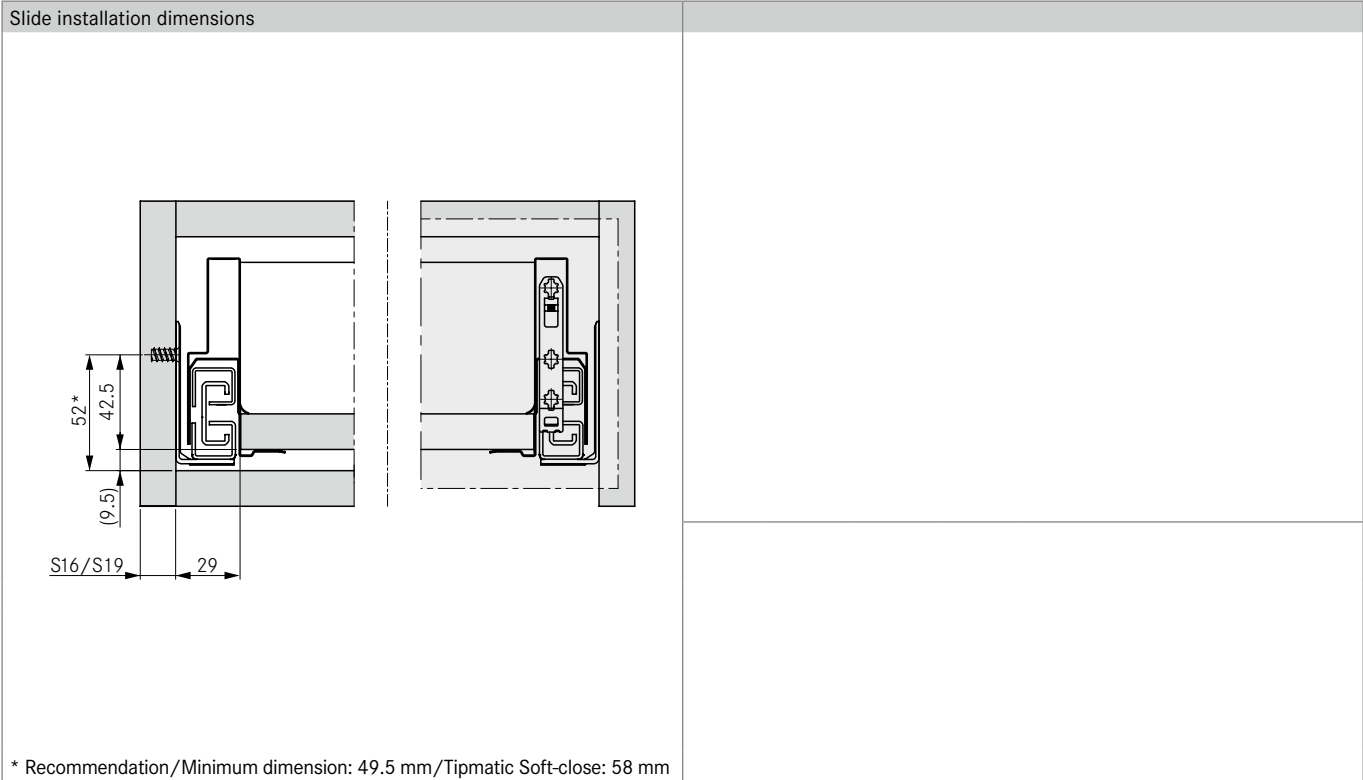


PAGE REFERENCES

Drawer sides	13	Designer panels	60	Sensomatic	75
Inset panels	44	Accessories	62	Organising systems	97
Steel back panels	58	Technical information	68	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

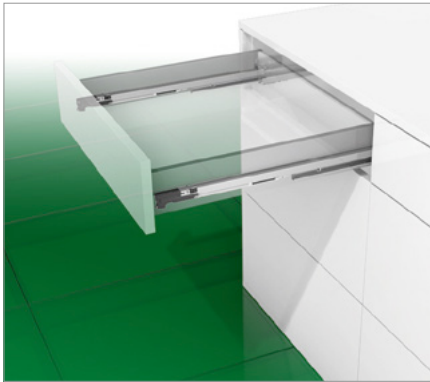


LEGEND

- KV** Front edge of cabinet
- MET** Minimum installation depth
- NL** Nominal length
- S** Cabinet side wall

NOVA PRO SOFT-CLOSE S18

Full extension slide 40/70 kg



- Excellent running characteristics
- Fully-synchronised slide technology
- Soft-close damping system
- End stop damper
- Utmost lateral stability
- Minimum drawer deflection
- Suitable for all Nova Pro drawer sides

Packaging unit (PU):

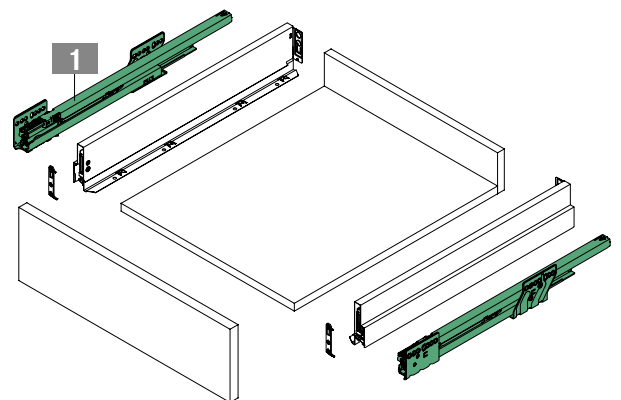
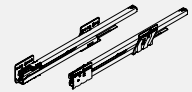
211 = 20 items in a cardboard box
507 = 10 items in PE in a cardboard box

Notes:

- Used with cabinet side wall S18 mm
- Construction width 30 mm
- Refer to installation information

ORDER INFORMATION

1 Nova Pro full extension slide Soft-close S18 Set: One left, one right												
NL	40 kg				70 kg							
	Item No.	PU		Item No.	PU							
270	F101108450	507	211	-								
300	F101108453	507	211	-								
350	F101108456	507	211	-								
400	F101108459	507	211	-								
450	F101108462	507	211	F101108474	507	211						
500	F101108465	507	211	F101108477	507	211						
550	F101108468	507	211	F101108480	507	211						
600	F101108471	507	211	F101108483	507	211						
650	-			F101108486	507	211						

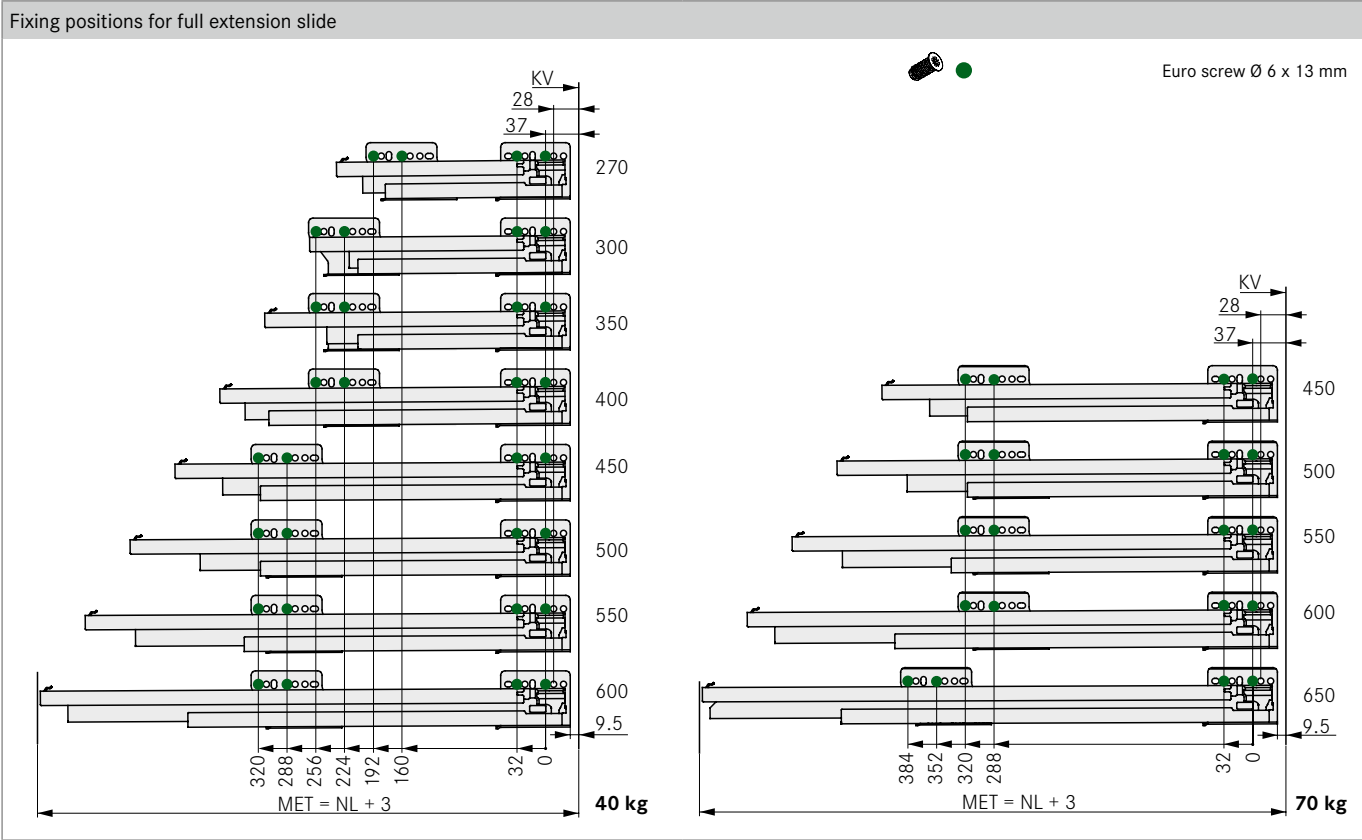
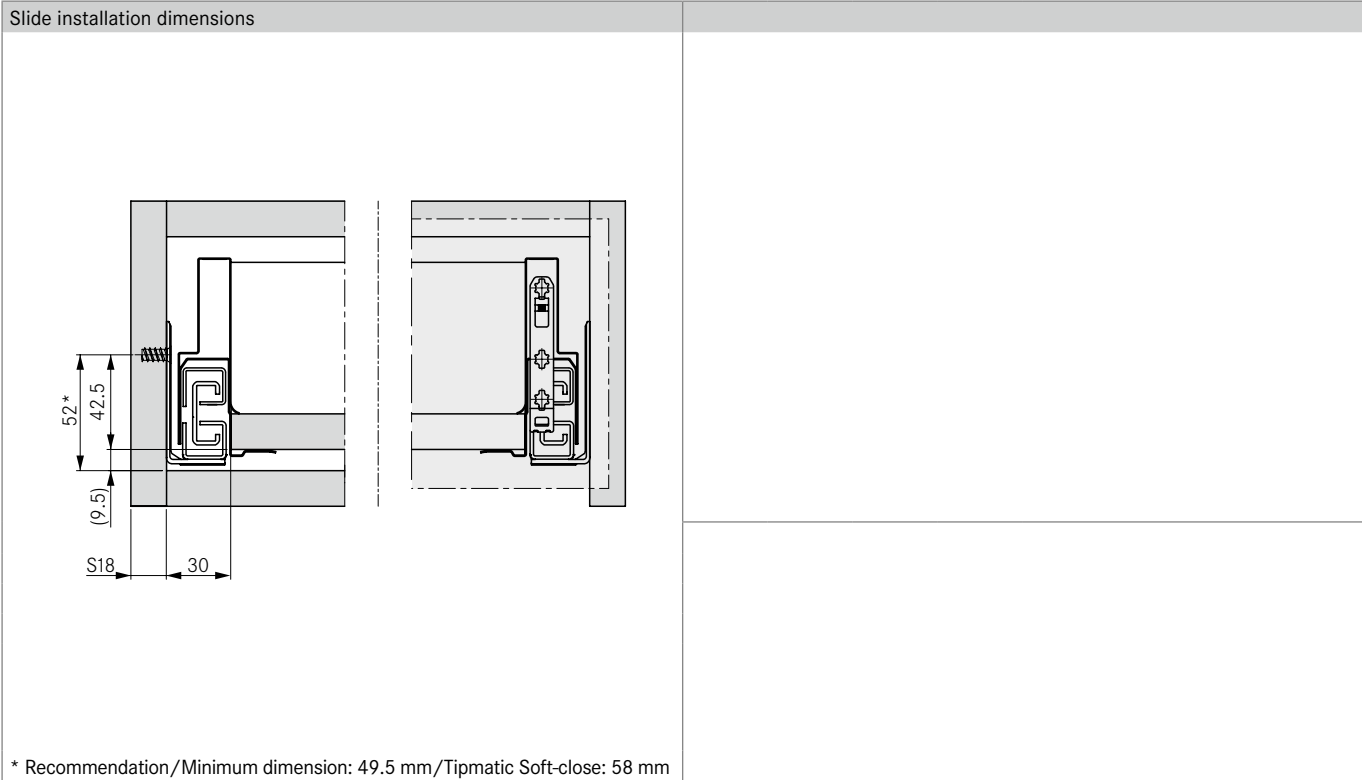


PAGE REFERENCES

Drawer sides	13	Designer panels	60	Sensomatic	75
Inset panels	44	Accessories	62	Organising systems	97
Steel back panels	58	Technical information	68	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

- KV** Front edge of cabinet
- MET** Minimum installation depth
- NL** Nominal length
- S** Cabinet side wall

NOVA PRO TIPMATIC SOFT-CLOSE S16/S19

Full extension slide 40/70 kg



- Mechanical opening system for handle-free fronts
- Combines Tipmatic function with Soft-close damping
- Simple assembly of the Tipmatic Soft-close unit
- Can be used for Nova Pro Soft-close full extension slides
- One unit for all nominal lengths and weight classes
- 3-stage adjustment of the opening force
- Large activation area with the synchronisation rod

Packaging unit (PU):

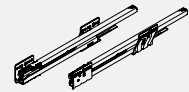
- 207 = 10 items in a cardboard box
- 211 = 20 items in a cardboard box
- 213 = 25 items in a cardboard box
- 223 = 100 items in a cardboard box
- 507 = 10 items in PE in a cardboard box
- 607 = 10 items in a cardboard box

Notes:

- Used with cabinet side wall S16 and S19 mm
- Construction width 29 mm
- Refer to installation information

ORDER INFORMATION

1 Nova Pro full extension slide Soft-close S16/S19 Set: one left, one right										
NL	40 kg				70 kg					
	Item No.	507	211		Item No.	507	211	PU		
270*	F101108261	507	211		-					
300	F101108264	507	211		-					
350	F101108267	507	211		-					
400	F101108270	507	211		-					
450	F101108273	507	211		F101108285	507	211			
500	F101108276	507	211		F101108288	507	211			
550	F101108279	507	211		F101108291	507	211			
600	F101108282	507	211		F101108294	507	211			
650	-				F101108297	507	211			



* Tipmatic Soft-close not possible with a steel back panel

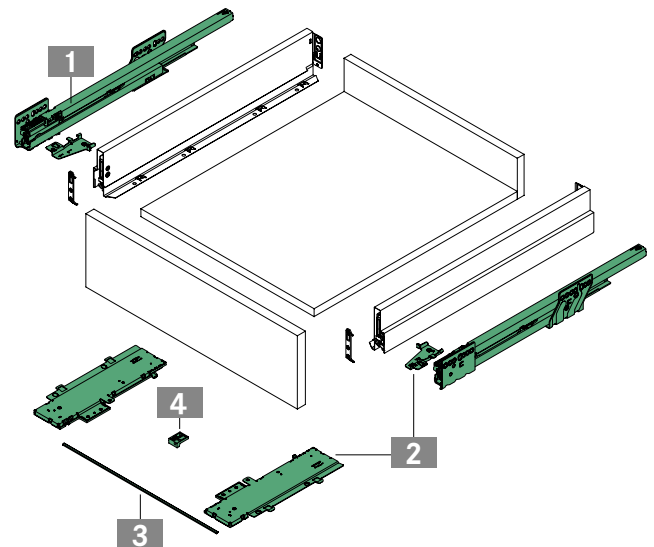
2 Nova Pro Tipmatic Soft-close Set: unit and activator, one on each side left/right				3 Synchronisation rod for Nova Pro Tipmatic Soft-close Single item: for cutting to length		
Description	Item No.	PU		Description	Item No.	PU
For screw fixing	F102109293	607		Length: 962 mm	F102109393	207



4 Support for synchronisation rod Single item: for screw fixing			
Description	Item No.	PU	
from KB 800 mm	F102108021	207	223



Individual components			
Description	Item No.	PU	
Nova Pro Tipmatic Soft-close unit Set: one left, one right	F102109294	213	
Nova Pro Tipmatic Soft-close activator Set: one left, one right	F102109295	223	

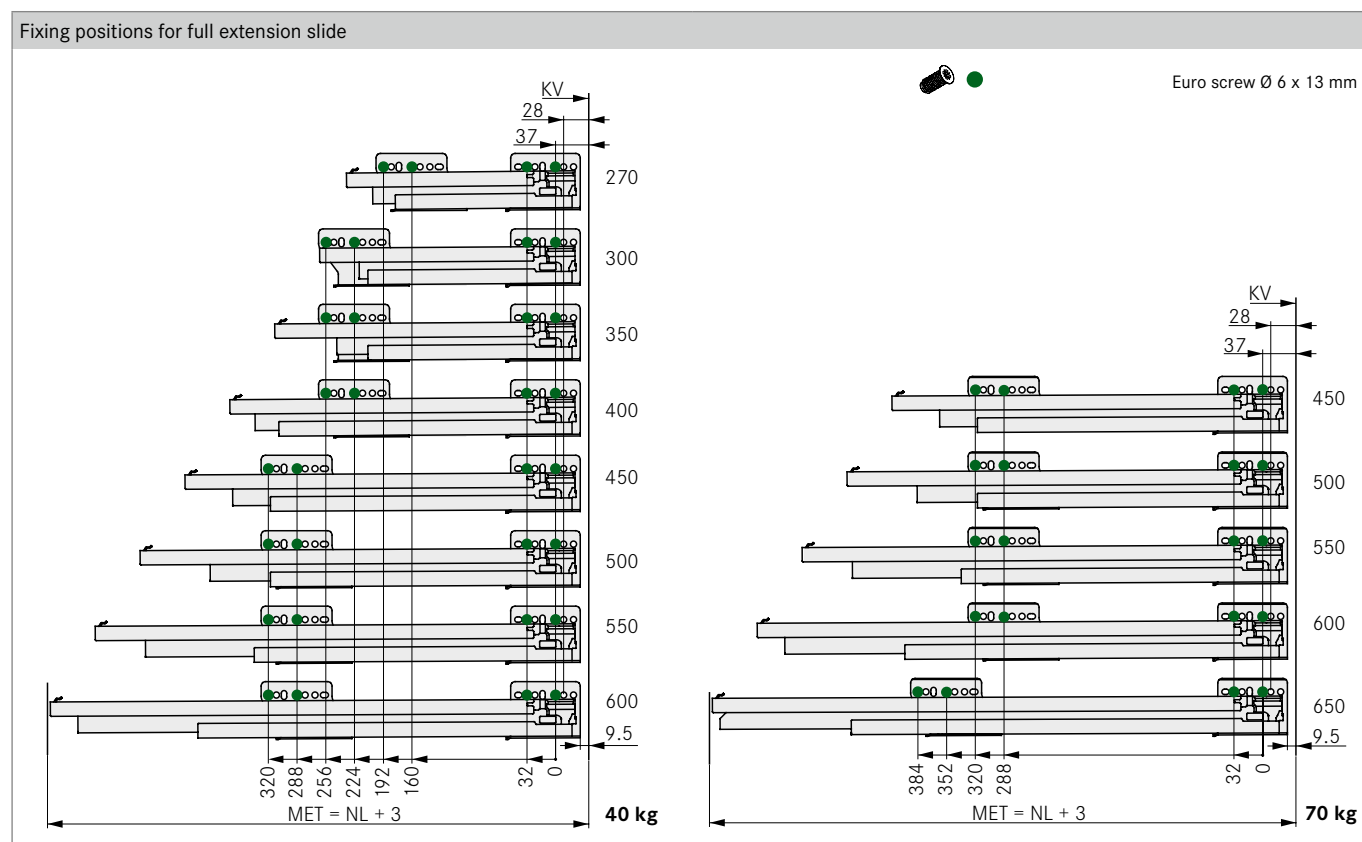
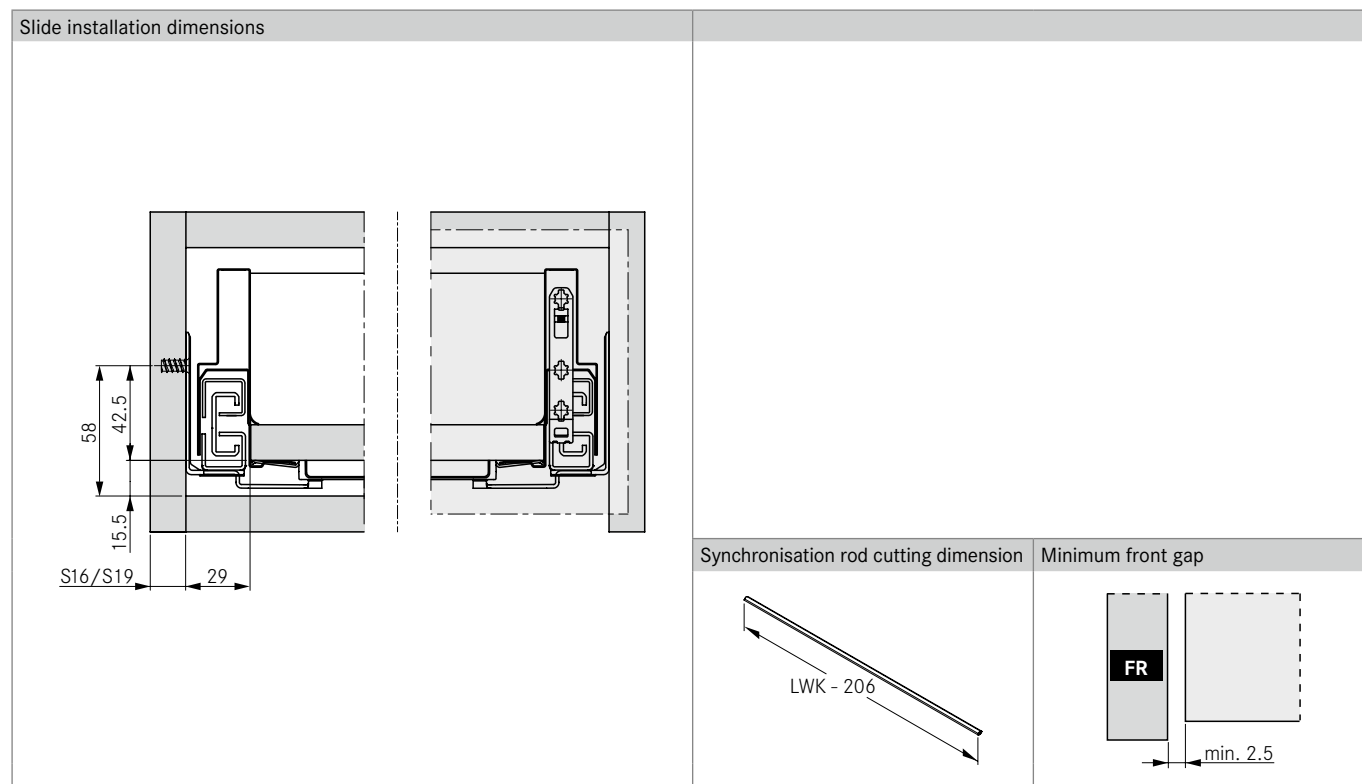


PAGE REFERENCES

Drawer sides	13	Designer panels	60	Organising systems	97
Inset panels	44	Accessories	62	Assembly technology	122
Steel back panels	58	Technical information	68	Assembly aids	126

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

FR Front
KB Cabinet width
KV Front edge of cabinet
LWK Inside cabinet width

MET Minimum installation depth
NL Nominal length
S Cabinet side wall

NOVA PRO TIPMATIC SOFT-CLOSE S18

Full extension slide 40/70 kg



- Mechanical opening system for handle-free fronts
- Combines Tipmatic function with Soft-close damping
- Simple assembly of the Tipmatic Soft-close unit
- Can be used for Nova Pro Soft-close full extension slides
- One unit for all nominal lengths and weight classes
- 3-stage adjustment of the opening force
- Large activation area with the synchronisation rod

Packaging unit (PU):

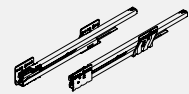
- 207 = 10 items in a cardboard box
- 211 = 20 items in a cardboard box
- 213 = 25 items in a cardboard box
- 223 = 100 items in a cardboard box
- 507 = 10 items in PE in a cardboard box
- 607 = 10 items in a cardboard box

Notes:

- Use with cabinet side wall S18 mm
- Construction width 30 mm
- Refer to installation information

ORDER INFORMATION

1 Nova Pro full extension slide Soft-close S18 Set: one left, one right									
NL	40 kg				70 kg				
	Item No.	507	211	Item No.	507	211			
270*	F101108450	507	211	-					
300	F101108453	507	211	-					
350	F101108456	507	211	-					
400	F101108459	507	211	-					
450	F101108462	507	211	F101108474	507	211			
500	F101108465	507	211	F101108477	507	211			
550	F101108468	507	211	F101108480	507	211			
600	F101108471	507	211	F101108483	507	211			
650	-			F101108486	507	211			



* Tipmatic Soft-close not possible with a steel back panel

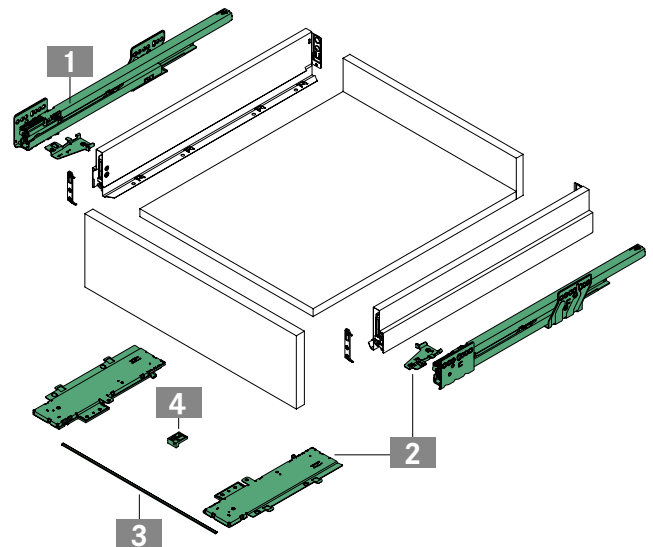
2 Nova Pro Tipmatic Soft-close Set: unit and activator, one on each side left/right				3 Synchronisation rod for Nova Pro Tipmatic Soft-close Single item: for cutting to length		
Description	Item No.	PU	Description	Item No.	PU	
For screw fixing	F102109293	607	Length: 962 mm	F102109393	207	



4 Support for synchronisation rod Single item: for screw fixing			
Description	Item No.	PU	
from KB 800 mm	F102108021	207	223



Individual components			
Description	Item No.	PU	
Nova Pro Tipmatic Soft-close unit Set: one left, one right	F102109294	213	
Nova Pro Tipmatic Soft-close activator Set: one left, one right	F102109295	223	

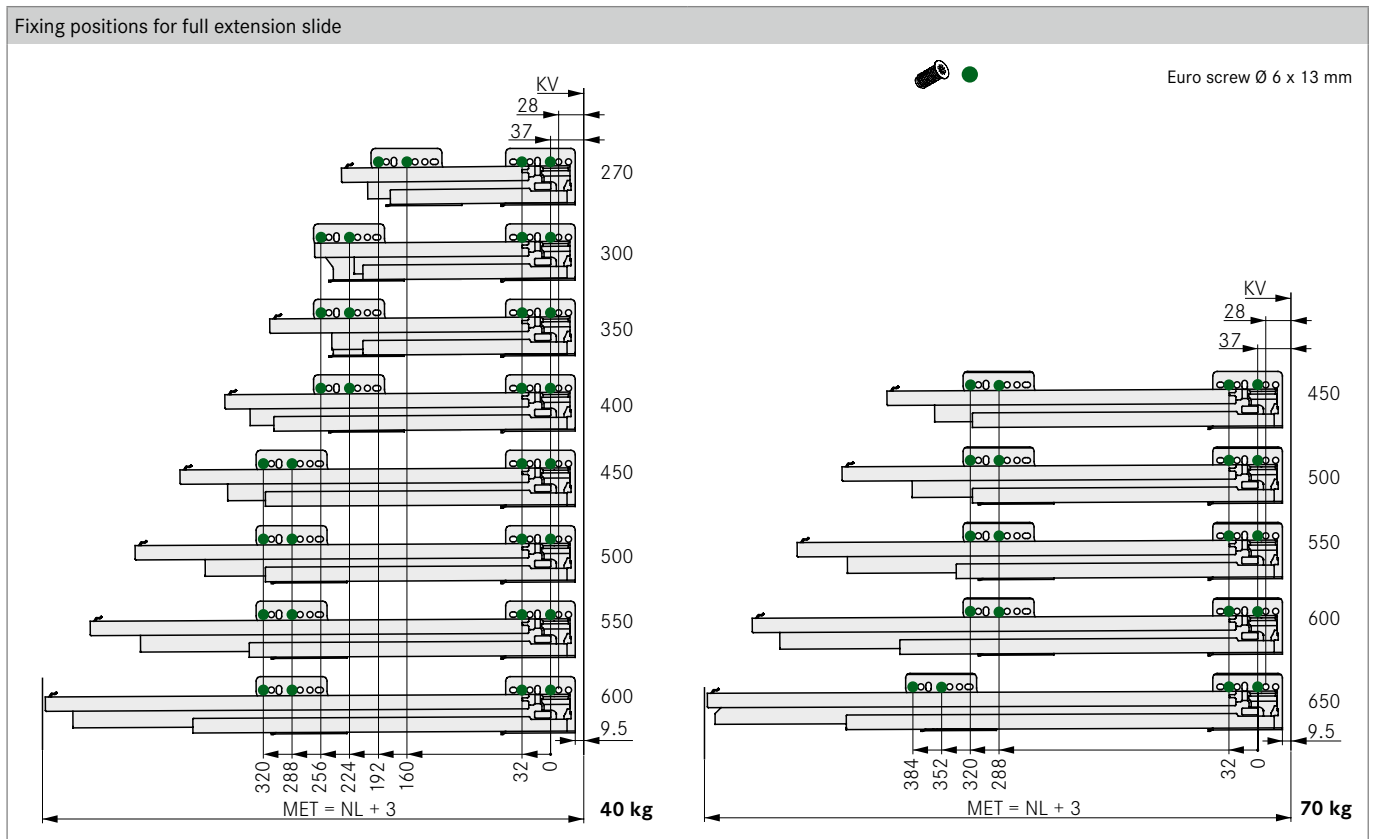
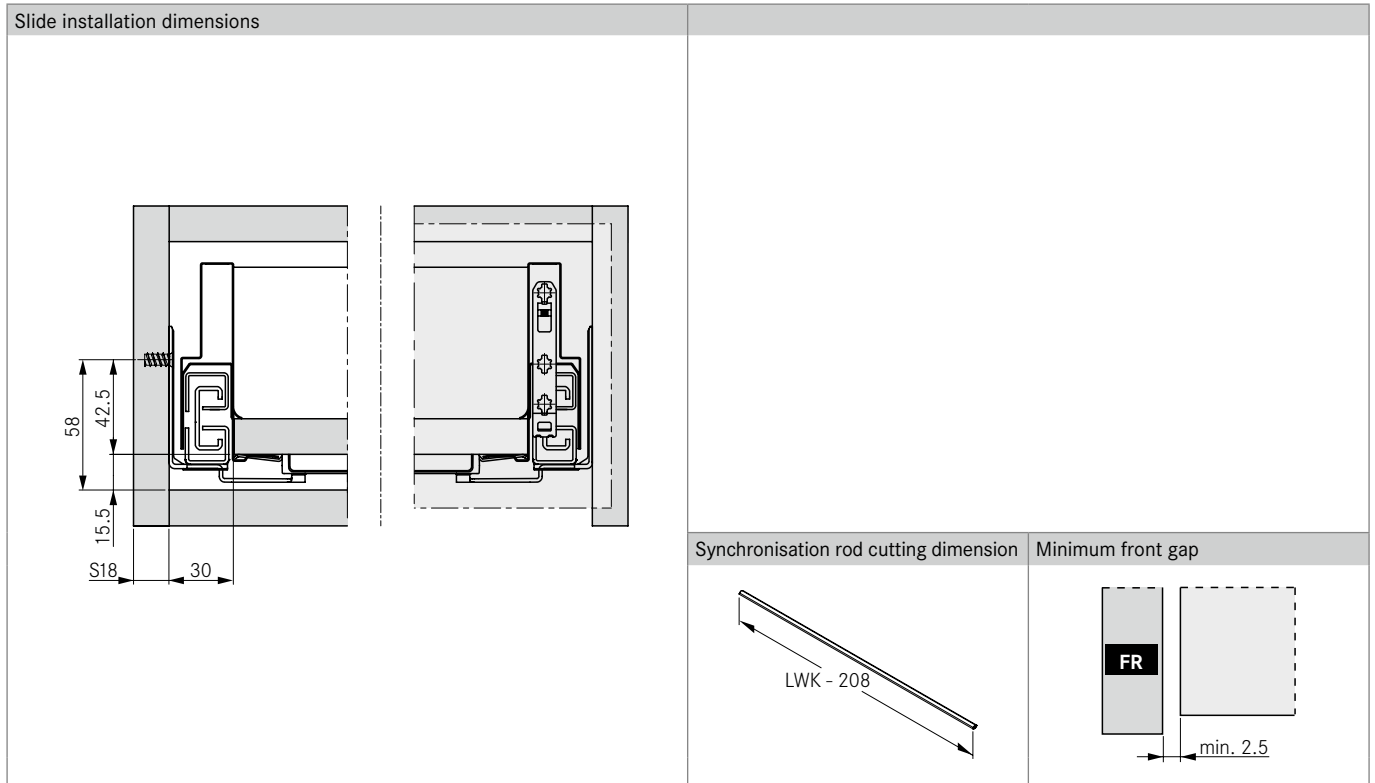


PAGE REFERENCES

Drawer sides	13	Designer panels	60	Organising systems	97
Inset panels	44	Accessories	62	Assembly technology	122
Steel back panels	58	Technical information	68	Assembly aids	126

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

FR Front
KB Cabinet width
KV Front edge of cabinet
LWK Inside cabinet width

MET Minimum installation depth
NL Nominal length
S Cabinet side wall

NOVA PRO TIPMATIC PLUS S16/S19

Full extension slide 40/70 kg



- Mechanical opening system
- Can be triggered anywhere on the surface of the front panel
- Drawer extends fully to allow optimal access to contents
- Fully-synchronised slide technology
- Reliable closing through catch function
- Precise adjustment of the front gap
- No modifications to the drawer necessary
- Utmost lateral stability
- Minimum drawer deflection

Packaging unit (PU):

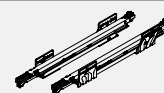
- 111 = 20 items in PE
- 123 = 100 items in PE
- 207 = 10 items in a cardboard box
- 507 = 25 items in PE in a cardboard box

Notes:

- Used with cabinet side wall S16 and S19 mm
- Construction width 29 mm
- Refer to installation information

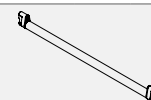
ORDER INFORMATION

1 Nova Pro full extension slide Tipmatic Plus S16/S19 Set: One left, one right



NL	40 kg			70 kg								
	Item No.	PU		Item No.	PU							
270	F101068290	507		-								
300	F101068291	507		-								
350	F101068292	507		-								
400	F101068293	507		-								
450	F101068294	507		-								
500	F101068295	507		F101068301	507							
550	F101068296	507		F101068302	507							
600	-			F101068303	507							
650	-			F101068304	507							

2 Synchronisation unit S16/S19 Set: Synchronisation rod with pre-assembled synchronisation levers (left/right)



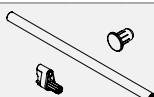
KB	S16			S19								
	Item No.	PU		Item No.	PU							
450	F102068250	207		F102068262	207							
600	F102068253	207		F102068264	207							
900	F102068255	207		F102068266	207							
1200	F102068257	207		F102068268	207							

3 Locking unit Set: One left, one right

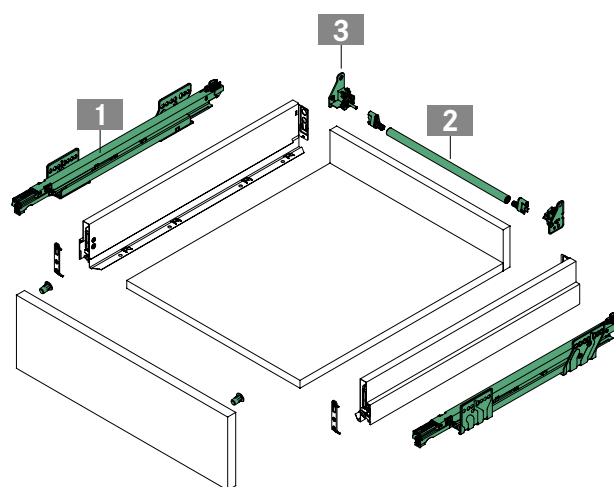


Description	Item No.	PU		
For screw fixing	F102068270	507		

Individual components



Description	Item No.	PU		
Synchronisation rod for cutting to length Length: 1079 mm	F102068272	207		
Synchronisation lever Single item: Can be used on left/right	F102068273		111	
Front buffer (optional)	F145068399			123



PAGE REFERENCES

Drawer sides	13	Designer panels	60	Organising systems	97
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Steel back panels	58	Technical information	68	Assembly aids	126

PLANNING DIMENSIONS

All dimensions in millimetres

Slide installation dimensions	Front gap adjustment				
<p>* Recommendation/Minimum dimension: 49.5 mm</p>	<p>Note: Please note that mounted front buffers increase the front gap.</p> <table border="1" data-bbox="801 840 1481 1075"> <thead> <tr> <th data-bbox="801 840 1141 869">Synchronisation rod cutting dimension</th> <th data-bbox="1147 840 1481 869">Front buffer</th> </tr> </thead> <tbody> <tr> <td data-bbox="801 878 1141 1075"> </td> <td data-bbox="1147 878 1481 1075"> </td> </tr> </tbody> </table>	Synchronisation rod cutting dimension	Front buffer		
Synchronisation rod cutting dimension	Front buffer				

Fixing positions for full extension slide

Euro screw Ø 6 x 13 mm

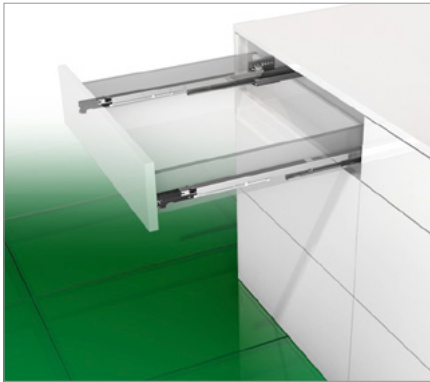
40 kg **70 kg**

LEGEND

BO	Drilled hole	LWK	Inside cabinet width
FR	Front	MET	Minimum installation depth
KB	Cabinet width	NL	Nominal length
KV	Front edge of cabinet	S	Cabinet side wall

NOVA PRO TIPMATIC PLUS S18

Full extension slide 40/70 kg



- Mechanical opening system
- Can be triggered anywhere on the surface of the front panel
- Drawer extends fully to allow optimal access to contents
- Fully-synchronised slide technology
- Reliable closing through catch function
- Precise adjustment of the front gap
- No modifications to the drawer necessary
- Utmost lateral stability
- Minimum drawer deflection

Packaging unit (PU):

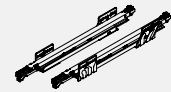
- 111 = 20 items in PE
- 123 = 100 items in PE
- 207 = 10 items in a cardboard box
- 507 = 25 items in PE in a cardboard box

Notes:

- Used with cabinet side wall S18 mm
- Construction width 30 mm
- Refer to installation information

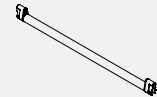
ORDER INFORMATION

1 Nova Pro full extension slide Tipmatic Plus S18 Set: One left, one right



NL	40 kg			70 kg								
	Item No.	PU		Item No.	PU							
270	F101108376	507		-								
300	F101108377	507		-								
350	F101108378	507		-								
400	F101108379	507		-								
450	F101108380	507		-								
500	F101108381	507		F101108383	507							
550	F101108382	507		F101108384	507							
600	-			F101108385	507							
650	-			F101108386	507							

2 Synchronisation unit S18 Set: Synchronisation rod with pre-assembled synchronisation lever (left/right)



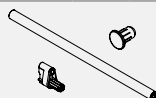
KB	S18											
	Item No.	PU										
450	F102068262	207										
600	F102068264	207										
900	F102068266	207										
1200	F102068268	207										

3 Locking unit Set: One left, one right

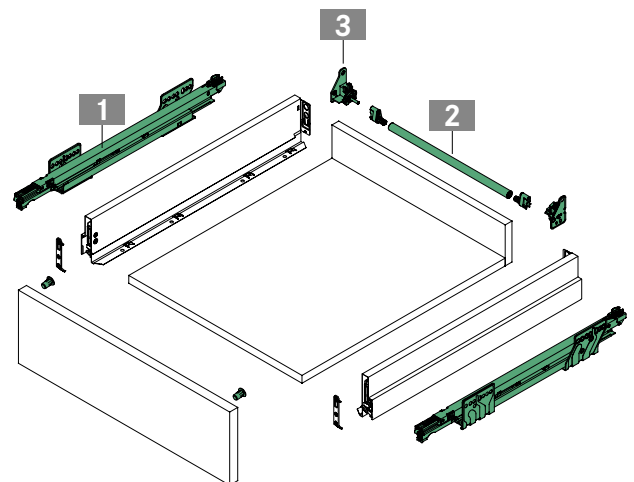


Description	Item No.	PU		
For screw fixing	F102068270	507		

Individual components



Description	Item No.	PU		
Synchronisation rod for cutting to length Length: 1079 mm	F102068272	207		
Synchronisation lever Single item: Can be used on left/right	F102068273	111		
Front buffer (optional)	F145068399		123	

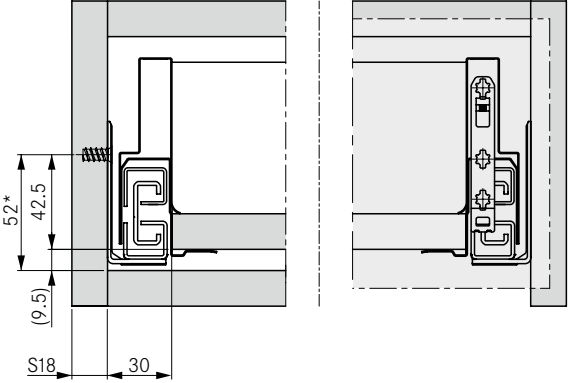
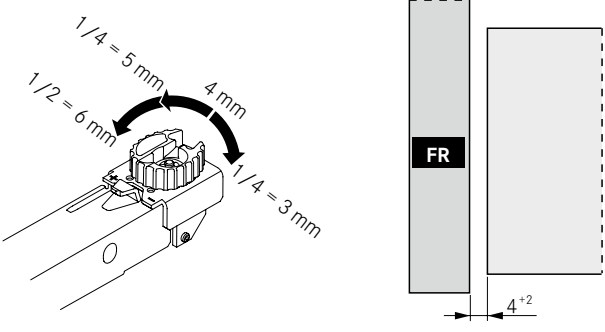
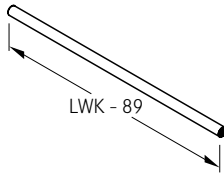
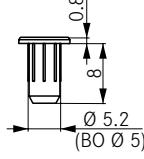
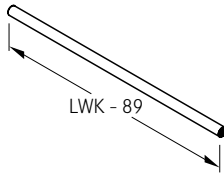
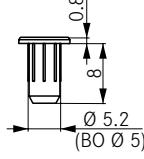
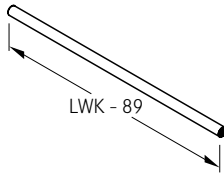
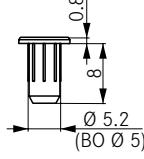


PAGE REFERENCES

Drawer sides	13	Designer panels	60	Organising systems	97
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Steel back panels	58	Technical information	68	Assembly aids	126

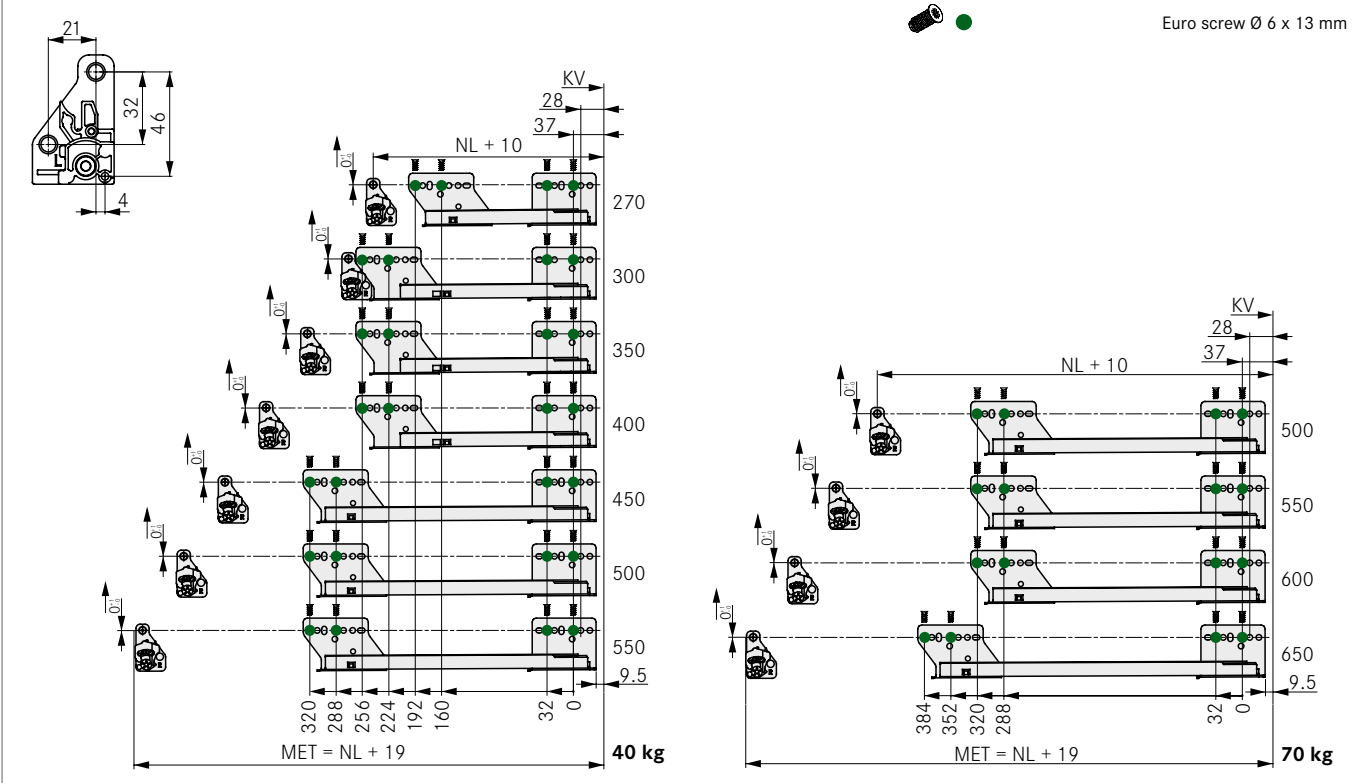
PLANNING DIMENSIONS

All dimensions in millimetres

Slide installation dimensions	Front gap adjustment				
 <p>* Recommendation/Minimum dimension: 49.5 mm</p>	 <p>Note: Please note that mounted front buffers increase the front gap.</p> <table border="1" data-bbox="799 840 1479 1077"> <thead> <tr> <th data-bbox="799 840 1141 869">Synchronisation rod cutting dimension</th> <th data-bbox="1145 840 1479 869">Front buffer</th> </tr> </thead> <tbody> <tr> <td data-bbox="799 875 1141 1077">  </td> <td data-bbox="1145 875 1479 1077">  </td> </tr> </tbody> </table>	Synchronisation rod cutting dimension	Front buffer		
Synchronisation rod cutting dimension	Front buffer				
					

Fixing positions for full extension slide

Euro screw Ø 6 x 13 mm

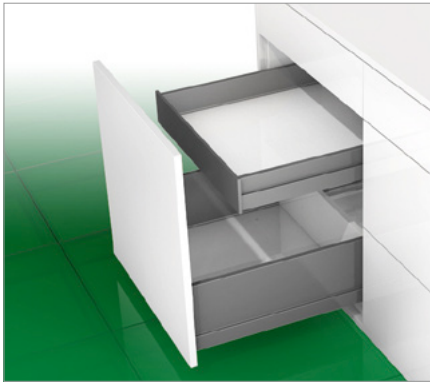


LEGEND

BO	Drilled hole	LWK	Inside cabinet width
FR	Front	MET	Minimum installation depth
KB	Cabinet width	NL	Nominal length
KV	Front edge of cabinet	S	Cabinet side wall

NOVA PRO SCALA

F8 inset panel H90 for inset drawer H90



- Colour-coordinated aluminium front panel profile
- High-quality design with smooth inside and outside surfaces
- Same dimensions as for standard drawers (inside depth)
- Also for cutting to length (see page 50)

Packaging unit (PU):

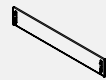
211 = 20 items in a cardboard box

Note:

Front-bottom connector recommended from width 600 mm (refer to Accessories)

ORDER INFORMATION

1 F8 inset panel H90 for inset drawer H90, S16 and S18/S19
Set: Inset panel with pre-assembled installation hook and cover caps



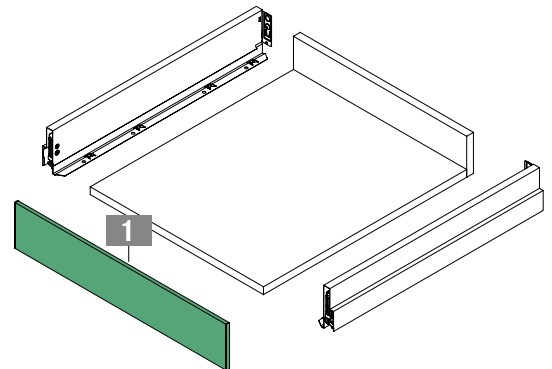
S16*	Stone			Ice			Silver		
KB	Item No.	PU	Item No.	PU	Item No.	PU			
250	F102104864	211	F102104879	211	F102104894	211			
300	F102104866	211	F102104881	211	F102104896	211			
350	F102104867	211	F102104882	211	F102104897	211			
400	F102104868	211	F102104883	211	F102104898	211			
450	F102104869	211	F102104884	211	F102104899	211			
500	F102104870	211	F102104885	211	F102104900	211			
600	F102104872	211	F102104887	211	F102104902	211			
800	F102104874	211	F102104889	211	F102104904	211			
900	F102104875	211	F102104890	211	F102104905	211			
1000	F102104876	211	F102104891	211	F102104906	211			
1200	F102104878	211	F102104893	211	F102104908	211			

S18/S19*	Stone			Ice			Silver		
KB	Item No.	PU	Item No.	PU	Item No.	PU			
250	F102105101	211	F102105116	211	F102105131	211			
300	F102105103	211	F102105118	211	F102105133	211			
350	F102105104	211	F102105119	211	F102105134	211			
400	F102105105	211	F102105120	211	F102105135	211			
450	F102105106	211	F102105121	211	F102105136	211			
500	F102105107	211	F102105122	211	F102105137	211			
600	F102105109	211	F102105124	211	F102105139	211			
800	F102105111	211	F102105126	211	F102105141	211			
900	F102105112	211	F102105127	211	F102105142	211			
1000	F102105113	211	F102105128	211	F102105143	211			
1200	F102105115	211	F102105130	211	F102105145	211			

* upon request

NOTES

- Inset panel S16 or S19 only in combination with full extension slide S16/S19 (see page 32, 36 and 40)
- Inset panel S18 only in combination with full extension slide S18 (see page 34, 38 and 42)



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Individual components	50	Accessories	62	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

Installation dimensions	Front panel profile H90									
	<table border="1"> <thead> <tr> <th colspan="3">Slide</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>16/19</td> <td>18</td> </tr> <tr> <td>EB</td> <td>29</td> <td>30</td> </tr> </tbody> </table> <p>Note: Slide available in two versions: For S16/S19 and S18. Refer to the Slides section (from page 32).</p>	Slide			S	16/19	18	EB	29	30
Slide										
S	16/19	18								
EB	29	30								
<p>* Recommendation/Minimum dimension: 49.5 mm/Tipmatic Soft-close: 58 mm</p>										

Euro screw \varnothing 6 x 13 mm

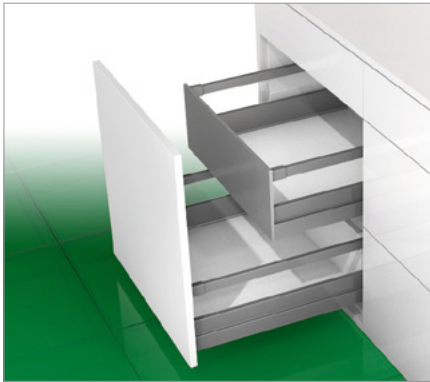
40 kg **70 kg**

LEGEND

BB	Bottom panel width	KV	Front edge of cabinet	RWB	Width of back panel
EB	Construction width	LWK	Inside cabinet width	S	Cabinet side wall
IBB	Inset panel width	MET	Minimum installation depth		
KB	Cabinet width	NL	Nominal length		

NOVA PRO SCALA

F8 inset panel H186 for inset drawer H90 with rectangular railing



- Colour-coordinated aluminium front panel profile
- High-quality design with smooth inside and outside surfaces
- Same dimensions as for standard drawers (inside depth)
- Also for cutting to length (see page 50)

Packaging unit (PU):

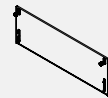
207 = 10 items in a cardboard box

Note:

Front-bottom connector recommended from width 600 mm (refer to Accessories)

ORDER INFORMATION

1 F8 inset panel H186 for inset drawer H90 with rectangular railing, S16 and S18/19
Set: Inset panel with pre-assembled installation hook, rectangular railing holders and cover caps



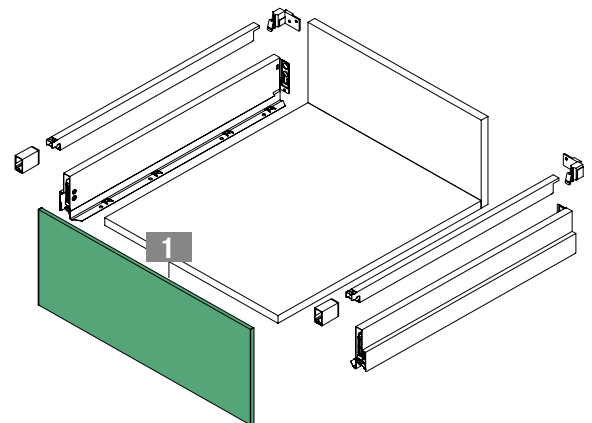
S16*		Stone			Ice			Silver		
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102104924	207		F102104939	207		F102104954	207		
300	F102104926	207		F102104941	207		F102104956	207		
350	F102104927	207		F102104942	207		F102104957	207		
400	F102104928	207		F102104943	207		F102104958	207		
450	F102104929	207		F102104944	207		F102104959	207		
500	F102104930	207		F102104945	207		F102104960	207		
600	F102104932	207		F102104947	207		F102104962	207		
800	F102104934	207		F102104949	207		F102104964	207		
900	F102104935	207		F102104950	207		F102104965	207		
1000	F102104936	207		F102104951	207		F102104966	207		
1200	F102104938	207		F102104953	207		F102104968	207		

S18/S19*		Stone			Ice			Silver		
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102105161	207		F102105176	207		F102105191	207		
300	F102105163	207		F102105178	207		F102105193	207		
350	F102105164	207		F102105179	207		F102105194	207		
400	F102105165	207		F102105180	207		F102105195	207		
450	F102105166	207		F102105181	207		F102105196	207		
500	F102105167	207		F102105182	207		F102105197	207		
600	F102105169	207		F102105184	207		F102105199	207		
800	F102105171	207		F102105186	207		F102105201	207		
900	F102105172	207		F102105187	207		F102105202	207		
1000	F102105173	207		F102105188	207		F102105203	207		
1200	F102105175	207		F102105190	207		F102105205	207		

* upon request

NOTES

- Inset panel S16 or S19 only in combination with full extension slide S16/S19 (see page 32, 36 and 40)
- Inset panel S18 only in combination with full extension slide S18 (see page 34, 38 and 42)



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Individual components	50	Accessories	62	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

Installation dimensions

Front panel profile H186

Slide		
S	16/19	18
EB	29	30

Note: Slide available in two versions: For S16/S19 and S18. Refer to the Slides section (from page 32).

* Recommendation/Minimum dimension: 49.5 mm/Tipmatic Soft-close: 58 mm

Fixing positions for full extension slide

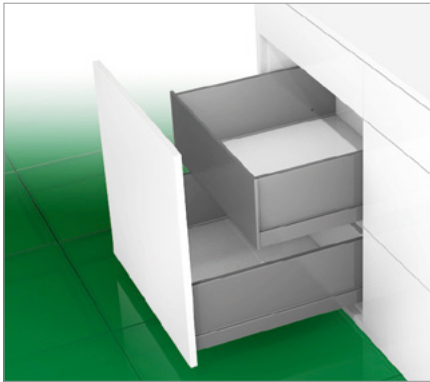
Euro screw $\varnothing 6 \times 13$ mm

LEGEND

<p>BB Bottom panel width</p> <p>EB Construction width</p> <p>IBB Inset panel width</p> <p>KB Cabinet width</p>	<p>KV Front edge of cabinet</p> <p>LWK Inside cabinet width</p> <p>MET Minimum installation depth</p> <p>NL Nominal length</p>	<p>RWB Width of back panel</p> <p>S Cabinet side wall</p>
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NOVA PRO SCALA

F8 inset panel H186 for inset drawer H186, Crystal and Crystal Plus



- Colour-coordinated aluminium front panel profile
- High-quality design with smooth inside and outside surfaces
- Same dimensions as for standard drawers (inside depth)
- Also for cutting to length (see page 50)

Packaging unit (PU):

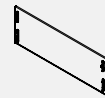
207 = 10 items in a cardboard box

Note:

Front-bottom connector recommended from width 600 mm (refer to Accessories)

ORDER INFORMATION

1 F8 inset panel H186 for inset drawer H186, Crystal and Crystal Plus, S16 and S18/S19
Set: Inset panel with pre-assembled installation hook, front clips and cover caps



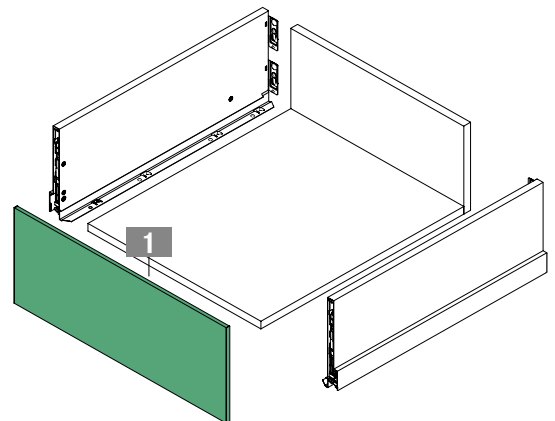
S16*		Stone			Ice			Silver		
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102104984	207		F102104999	207		F102105014	207		
300	F102104986	207		F102105001	207		F102105016	207		
350	F102104987	207		F102105002	207		F102105017	207		
400	F102104988	207		F102105003	207		F102105018	207		
450	F102104989	207		F102105004	207		F102105019	207		
500	F102104990	207		F102105005	207		F102105020	207		
600	F102104992	207		F102105007	207		F102105022	207		
800	F102104994	207		F102105009	207		F102105024	207		
900	F102104995	207		F102105010	207		F102105025	207		
1000	F102104996	207		F102105011	207		F102105026	207		
1200	F102104998	207		F102105013	207		F102105028	207		

S18/S19*		Stone			Ice			Silver		
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102105221	207		F102105236	207		F102105251	207		
300	F102105223	207		F102105238	207		F102105253	207		
350	F102105224	207		F102105239	207		F102105254	207		
400	F102105225	207		F102105240	207		F102105255	207		
450	F102105226	207		F102105241	207		F102105256	207		
500	F102105227	207		F102105242	207		F102105257	207		
600	F102105229	207		F102105244	207		F102105259	207		
800	F102105231	207		F102105246	207		F102105261	207		
900	F102105232	207		F102105247	207		F102105262	207		
1000	F102105233	207		F102105248	207		F102105263	207		
1200	F102105235	207		F102105250	207		F102105265	207		

* upon request

NOTES

- Inset panel S16 or S19 only in combination with full extension slide S16/S19 (see page 32, 36 and 40)
- Inset panel S18 only in combination with full extension slide S18 (see page 34, 38 and 42)



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Individual components	50	Accessories	62	Assembly technology	122

PLANNING DIMENSIONS

All dimensions in millimetres

Installation dimensions

* Recommendation/Minimum dimension: 49.5 mm/Tipmatic Soft-close: 58 mm

Front panel profile H186

Slide	Can be used with	
S	16/19	18
EB	29	30

Note: Slide available in two versions: For S16/S19 and S18. Refer to the Slides section (from page 32).

H186 Crystal Crystal Plus

Fixing positions for full extension slide

Euro screw \varnothing 6 x 13 mm

40 kg **70 kg**

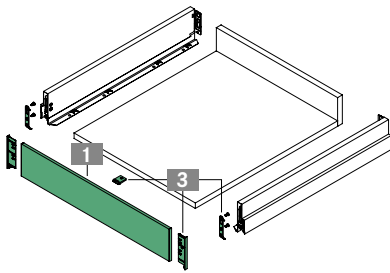
LEGEND

BB Bottom panel width	KV Front edge of cabinet	RWB Width of back panel
EB Construction width	LWK Inside cabinet width	S Cabinet side wall
IBB Inset panel width	MET Minimum installation depth	
KB Cabinet width	NL Nominal length	

NOVA PRO SCALA

F8 inset panel for cutting to length – set pack

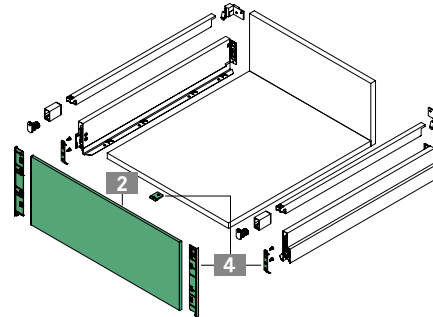
F8 inset panel H90 for inset drawer H90



The following is required:

- 1 x 1
- 1 x 3

F8 inset panel H186 for inset drawer H90 with rectangular railing

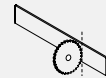


The following is required:

- 1 x 2
- 1 x 4

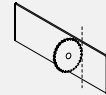
ORDER INFORMATION

- 1** F8 inset panel H90 for inset drawer H90
Single item: for cutting to length incl. cardboard drilling template



L	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
1160	F102101371	511		F102105357	511		F102105069	511	

- 2** F8 inset panel H186 for inset drawer H186, rectangular railing, Crystal and Crystal Plus
Single item: for cutting to length incl. cardboard drilling template



L	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
1160	F102101379	507		F102105358	507		F102105070	507	

- 3** Accessories F8 inset panel H90 for inset drawer H90
Set: F8 cover cap (2x), installation hook (2x), special screws (4x) and front-bottom connector (2x)



H	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
H90	F102109510	517		F102109511	517		F102109512	517	

- 4** Accessories F8 inset panel H186 for inset drawer with rectangular railing
Set: F8 cover cap (2x), installation hook (2x), special screws (6x) and front-bottom connector (2x)

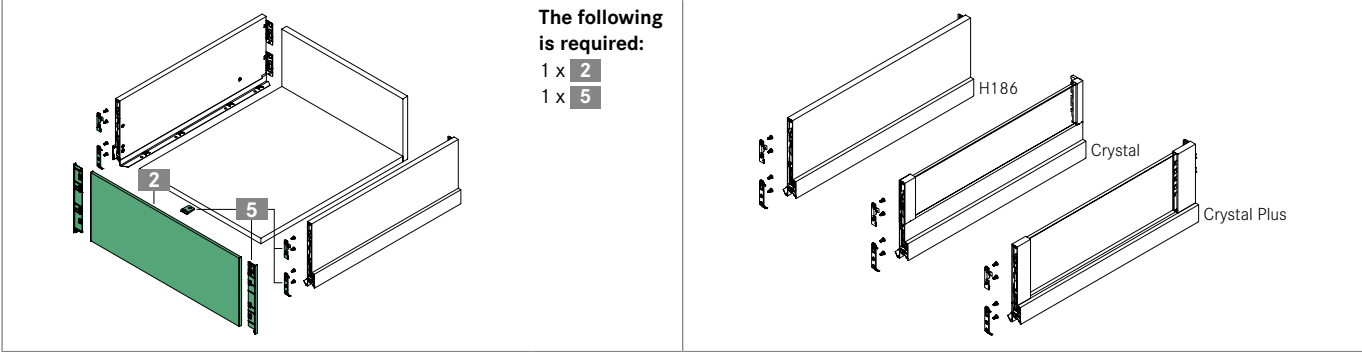


H	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
H186	F102109516	517		F102109517	517		F102109518	517	

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Inset panel set	44	Accessories	62	Assembly technology	122

F8 inset panel H186 for inset drawer H186, Crystal and Crystal Plus



The following
is required:

- 1 x 2
- 1 x 5

5 Accessories F8 inset panel H186 for inset drawer H186, Crystal and Crystal Plus
Set: F8 cover cap (2x), installation hook (2x), front clip (2x),
special screws (8x) and front-bottom connector (2x)



H	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
H186	F102109513	517		F102109514	517		F102109515	517	

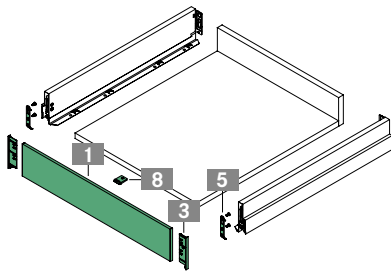
LEGEND

H	Height
L	Length

NOVA PRO SCALA

F8 inset panel for cutting to length

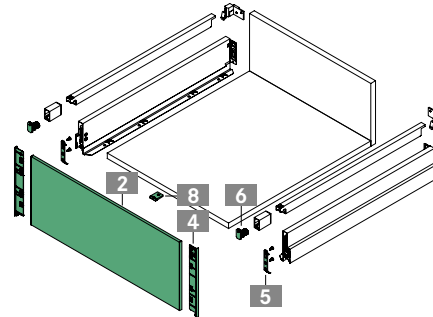
F8 inset panel H90 for inset drawer H90



The following is required:

- 1 x 1
- 2 x 3
- 2 x 5

F8 inset panel H186 for inset drawer H90 with rectangular railing



The following is required:

- 1 x 2
- 2 x 4
- 2 x 5
- 2 x 6

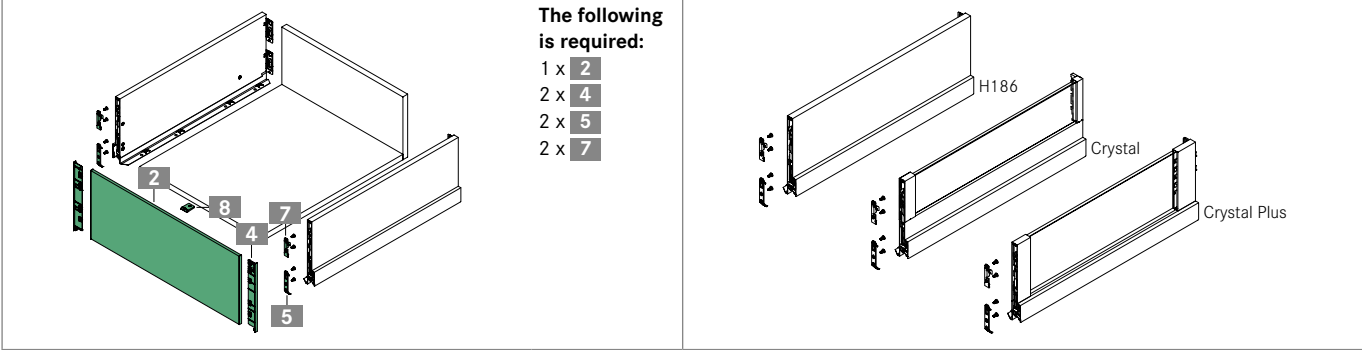
ORDER INFORMATION

1 F8 inset panel H90 for inset drawer H90 Single item: For cutting to length															
L	Stone			Ice			Silver								
	Item No.	PU		Item No.	PU		Item No.	PU							
1160	F102101371	211		F102105357	211		F102105069	211							
2 F8 inset panel H186 for inset drawer H186, rectangular railing, Crystal and Crystal Plus Single item: For cutting to length															
L	Stone			Ice			Silver								
	Item No.	PU		Item No.	PU		Item No.	PU							
1160	F102101379	207		F102105358	207		F102105070	207							
3 Cover cap for F8 inset panel H90 Single item: Can be used on left/right															
H	Stone			Ice			Silver								
	Item No.	PU		Item No.	PU		Item No.	PU							
H90	F102101384	218		F102105359	218		F102109572	218							
4 Cover cap for F8 inset panel H186 Single item: Can be used on left/right															
H	Stone			Ice			Silver								
	Item No.	PU		Item No.	PU		Item No.	PU							
H186	F102101451	214		F102105360	214		F102109573	214							
5 Installation hook Single item: Incl. screws Can be used on left/right								6 Railing bracket Single item: Incl. screws Can be used on left/right							
Description				Item No.	PU	Description				Item No.	PU				
For screw fixing				F102101584	223	For screw fixing				F102102863	223				



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Inset panel set	44	Accessories	62	Assembly technology	122

F8 inset panel H186 for inset drawer H186, Crystal and Crystal Plus



- The following is required:
- 1 x 2
 - 2 x 4
 - 2 x 5
 - 2 x 7

7 Front clip Single item: Incl. screws Can be used on left/right			8 Front-bottom connector (optional) Item		
					
Description	Item No.	PU	Description	Item No.	PU
For screw fixing	F102102864	223	Recommended from KB 600 mm	F145117993	223

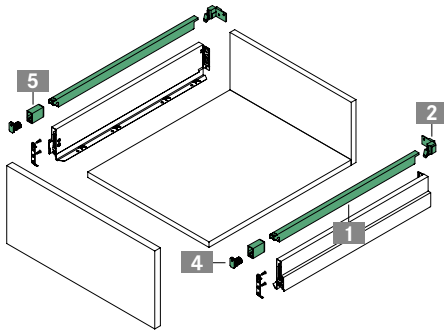
LEGEND

H	Height
L	Length

NOVA PRO SCALA

Rectangular railing and divider rail

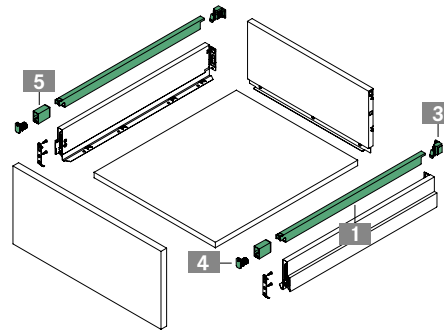
Rectangular railing for drawer with wooden back panel



The following is required:

- 2 x 1
- 1 x 2 (l)
- 1 x 2 (r)
- 2 x 4
- 2 x 5

Rectangular railing for drawer with steel back panel



The following is required:

- 2 x 1
- 1 x 3 (l)
- 1 x 3 (r)
- 2 x 4
- 2 x 5

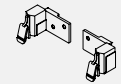
ORDER INFORMATION

1 Rectangular railing
Single item: Can be used on left/right



NL	Stone		Ice		Silver					
	Item No.	PU	Item No.	PU	Item No.	PU				
270	F102104621	223	F102104630	223	F102104639	223				
300	F102104622	223	F102104631	223	F102104640	223				
350	F102104623	223	F102104632	223	F102104641	223				
400	F102104624	223	F102104633	223	F102104642	223				
450	F102104625	223	F102104634	223	F102104643	223				
500	F102104626	223	F102104635	223	F102104644	223				
550	F102104627	217	F102104636	217	F102104645	217				
600	F102104628	217	F102104637	217	F102104646	217				
650	F102104629	217	F102104638	217	F102104647	217				

2 Railing bracket for wooden back panel, screw-on
Single item: left/right



	Stone		Ice		Silver					
	Item No.	PU	Item No.	PU	Item No.	PU				
Left	F102104670	223	F102104681	223	F102104692	223				
Right	F102104671	223	F102104682	223	F102104693	223				

3 Railing bracket for steel back panel, clip-in
Single item: left/right



	Stone		Ice		Silver					
	Item No.	PU	Item No.	PU	Item No.	PU				
Left	F102104674	223	F102104685	223	F102104696	223				
Right	F102104675	223	F102104686	223	F102104697	223				

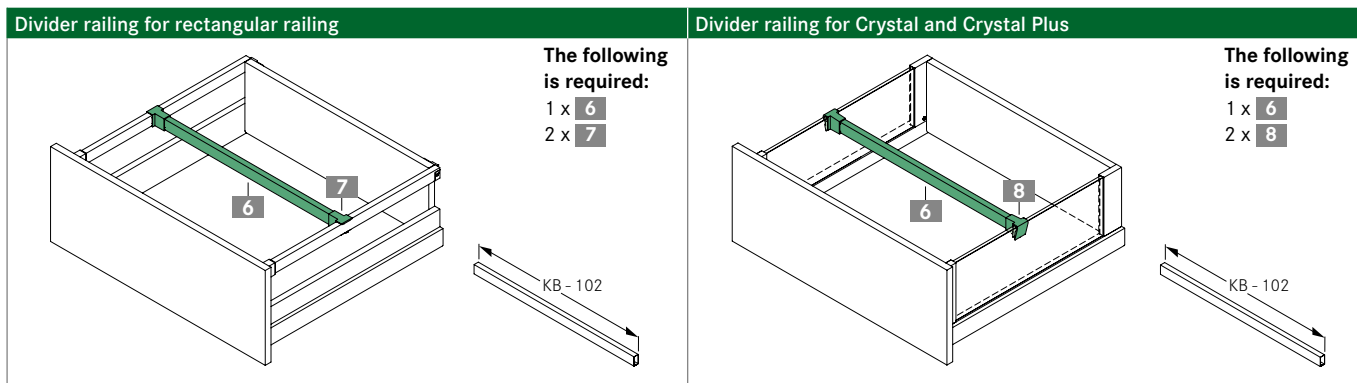
4 Railing bracket (front) with tilt angle adjustment, screw-on or for press fitting
Single item: Can be used on left/right



	For screw fixing		For press fitting							
	Item No.	PU	Item No.	PU						
	F102104668	133	F102104669	133						

PAGE REFERENCES

Drawer sides	13	Inset panels	44	Technical information	68
Rectangular railing set	24	Steel back panels	58	Sensomatic	75
Slides	32	Accessories	62	Organising systems	97



5 Railing cover cap Single item: Can be used on left/right											
Stone			Ice			Silver					
Item No.	PU		Item No.	PU		Item No.	PU				
F102104676	233		F102104687	233		F102104698	233				

6 Divider railing Single item: Aluminium for cutting to length (L = 1150 mm) or steel for KB 250 - 1200 (S16/S18/S19)												
Steel		Stone			Ice			Silver				
KB	Item No.	PU		Item No.	PU		Item No.	PU				
250*	F102103796		223	F102103817		223	F102103838		223			
300	F102103798		223	F102103819		223	F102103840		223			
350*	F102103799		223	F102103820		223	F102103841		223			
400	F102103800		223	F102103821		223	F102103842		223			
450	F102103801		223	F102103822		223	F102103843		223			
500	F102103802		223	F102103823		223	F102103844		223			
600	F102103804	217		F102103825	217		F102103846	217				
800	F102103808	217		F102103829	217		F102103850	217				
900	F102103810	217		F102103831	217		F102103852	217				
1000	F102103812	217		F102103833	217		F102103854	217				
1200	F102103816	217		F102103837	217		F102103858	217				
Alu		Stone			Ice			Silver				
L	Item No.	PU		Item No.	PU		Item No.	PU				
1150	F102108653	207		F102108654	207		F102108655	207				

* upon request

7 Divider railing clip for rectangular railing Single item: Can be used on left/right											
Stone			Ice			Silver					
Item No.	PU		Item No.	PU		Item No.	PU				
F102104677	233		F102104688	233		F102104699	233				

8 Divider railing clip for Crystal and Crystal Plus Single item: Can be used on left/right											
Stone			Ice			Silver					
Item No.	PU		Item No.	PU		Item No.	PU				
F102104678	233		F102104689	233		F102104700	233				

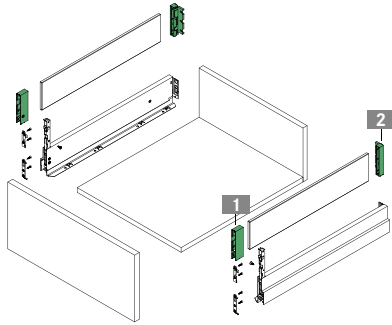
LEGEND

- KB Cabinet width
- L Length
- NL Nominal length
- S Cabinet side wall

NOVA PRO SCALA CRYSTAL

Clip for slide-in elements

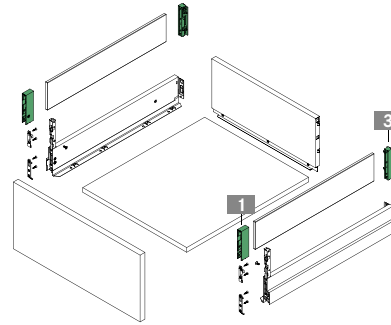
Clip for Crystal drawer with wooden back panel



The following is required:

- 1 x 1 (l)
- 1 x 1 (r)
- 1 x 2 (l)
- 1 x 2 (r)

Clip for Crystal drawer with steel back panel



The following is required:

- 1 x 1 (l)
- 1 x 1 (r)
- 1 x 3 (l)
- 1 x 3 (r)

ORDER INFORMATION

1 Glass clip (front), clip-in
Single item: left/right



	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
Left	F102104837	223		F102104844	223		F102104851	223	
Right	F102104838	223		F102104845	223		F102104852	223	

2 Railing bracket for wooden back panel, screw-on
Single item: left/right



	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
Left	F102104839	223		F102104846	223		F102104853	223	
Right	F102104840	223		F102104847	223		F102104854	223	

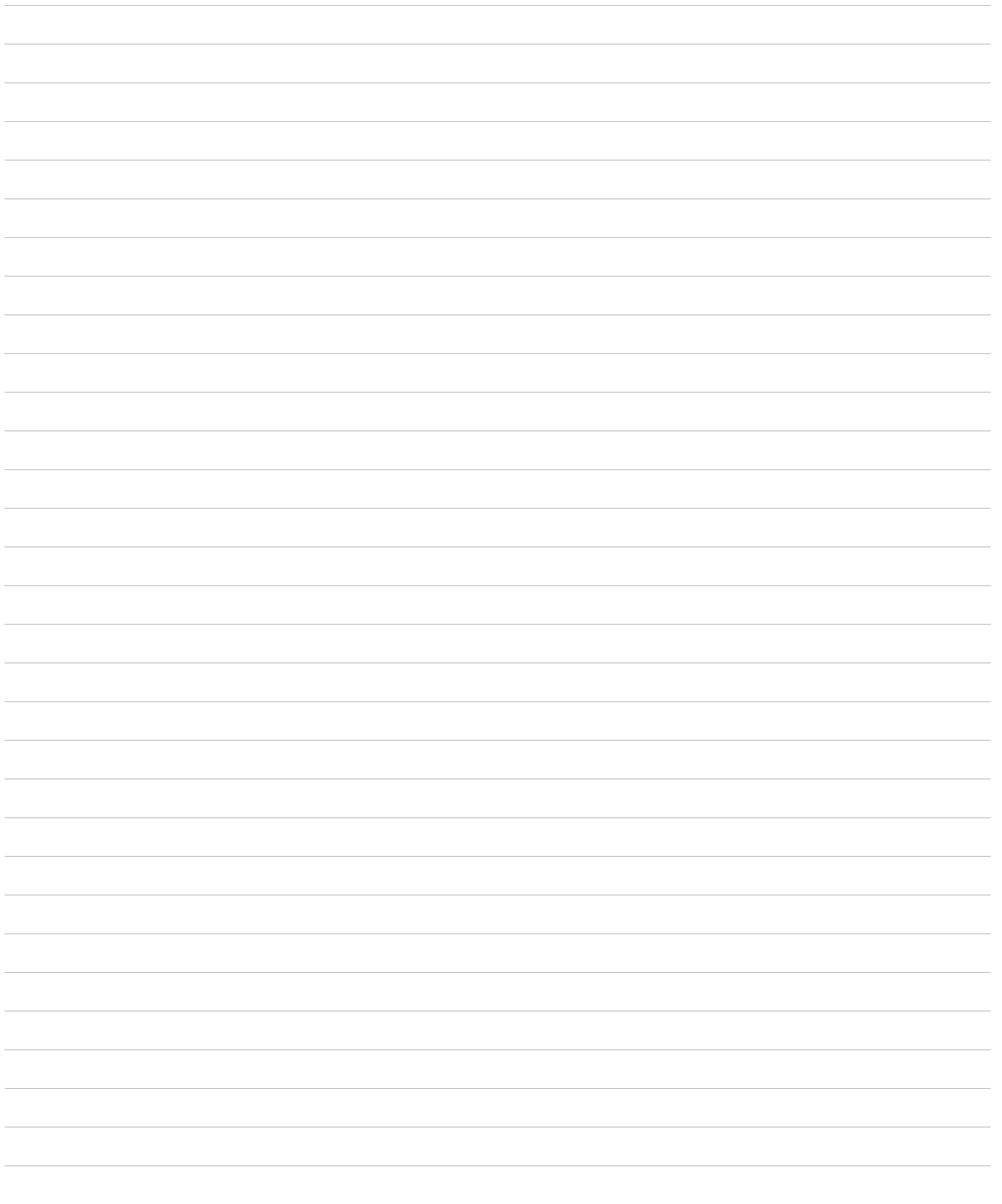
3 Glass clip for steel back panel, clip-in
Single item: left/right



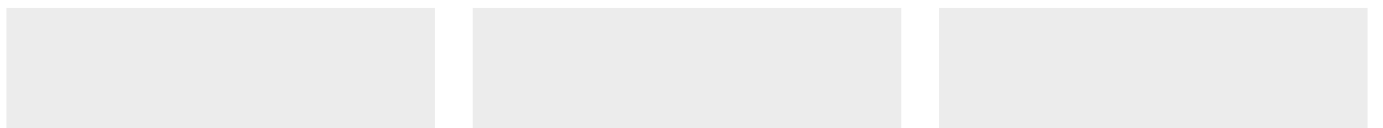
	Stone			Ice			Silver		
	Item No.	PU		Item No.	PU		Item No.	PU	
Left	F102104841	223		F102104848	223		F102104855	223	
Right	F102104842	223		F102104849	223		F102104856	223	

PAGE REFERENCES

Crystal drawer sides	28	Steel back panels	58	Sensomatic	75
Slides	32	Accessories	62	Organising systems	97
Inset panels	44	Technical information	68	Assembly technology	122



LEGEND



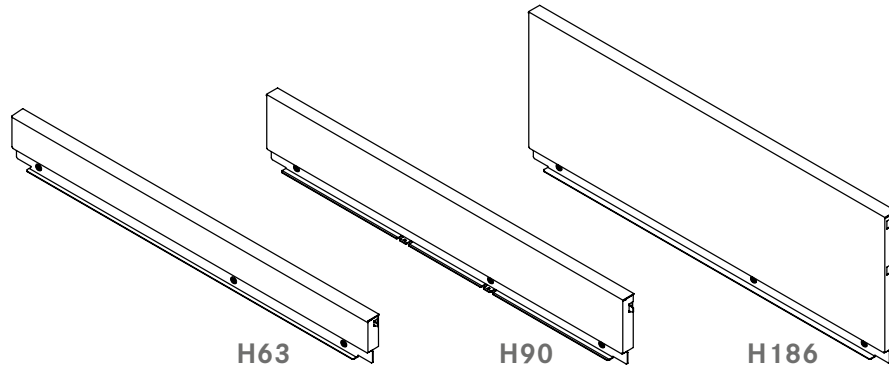
NOVA PRO SCALA

Steel back panels

Packaging unit (PU):

213 = 25 items in a cardboard box

217 = 50 items in a cardboard box



Notes:

- Steel back panel S16 or S19 only in combination with full extension slide S16/S19 (see page 32, 36 and 40)
- Steel back panel S18 only in combination with full extension slide S18 (see page 34, 38 and 42)

ORDER INFORMATION

1 Steel back panel S16										
H63*	Stone				Ice				Silver	
KB	Item No.	PU		Item No.	PU		Item No.	PU		
600	F102103909	217		F102103924	217		F102103939	217		
800	F102103911	217		F102103926	217		F102103941	217		
900	F102103912	217		F102103927	217		F102103942	217		
1000	F102103913	217		F102103928	217		F102103943	217		
1200	F102103915	217		F102103930	217		F102103945	217		
H90*	Stone				Ice				Silver	
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102103961	217		F102103976	217		F102103991	217		
300	F102103963	217		F102103978	217		F102103993	217		
350	F102103964	217		F102103979	217		F102103994	217		
400	F102103965	217		F102103980	217		F102103995	217		
450	F102103966	217		F102103981	217		F102103996	217		
500	F102103967	217		F102103982	217		F102103997	217		
600	F102103969	217		F102103984	217		F102103999	217		
800	F102103971	217		F102103986	217		F102104001	217		
900	F102103972	217		F102103987	217		F102104002	217		
1000	F102103973	217		F102103988	217		F102104003	217		
1200	F102103975	217		F102103990	217		F102104005	217		
H186*	Stone				Ice				Silver	
KB	Item No.	PU		Item No.	PU		Item No.	PU		
250	F102104081	213		F102104096	213		F102104111	213		
300	F102104083	213		F102104098	213		F102104113	213		
350	F102104084	213		F102104099	213		F102104114	213		
400	F102104085	213		F102104100	213		F102104115	213		
450	F102104086	213		F102104101	213		F102104116	213		
500	F102104087	213		F102104102	213		F102104117	213		
600	F102104089	213		F102104104	213		F102104119	213		
800	F102104091	213		F102104106	213		F102104121	213		
900	F102104092	213		F102104107	213		F102104122	213		
1000	F102104093	213		F102104108	213		F102104123	213		
1200	F102104095	213		F102104110	213		F102104125	213		

* upon request

PAGE REFERENCES

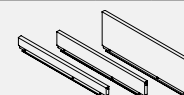
Drawer sides	13	Designer panels	60	Sensomatic	75
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PLANNING DIMENSIONS

All dimensions in millimetres

Slide installation dimensions				Cutting the bottom panel to size			
				<p>Note: Please note that with steel back panels the bottom panel must be cut to a size which is 6 mm longer than when using wooden back panels. Please refer to the diagram opposite.</p>			
Slide							
S	16/19	18					
EB	29		30				
<p>Note: Slide available in two versions: For S16/S19 and S18. Refer to the Slides section (from page 32).</p>							

2 Steel back panel S18/S19



H63*	Stone				Ice				Silver			
KB	Item No.	PU		Item No.	PU		Item No.	PU				
600	F102104389	217		F102104404	217		F102104419	217				
800	F102104391	217		F102104406	217		F102104421	217				
900	F102104392	217		F102104407	217		F102104422	217				
1000	F102104393	217		F102104408	217		F102104423	217				
1200	F102104395	217		F102104410	217		F102104425	217				

H90*	Stone				Ice				Silver			
KB	Item No.	PU		Item No.	PU		Item No.	PU				
250	F102104441	217		F102104456	217		F102104471	217				
300	F102104443	217		F102104458	217		F102104473	217				
350	F102104444	217		F102104459	217		F102104474	217				
400	F102104445	217		F102104460	217		F102104475	217				
450	F102104446	217		F102104461	217		F102104476	217				
500	F102104447	217		F102104462	217		F102104477	217				
600	F102104449	217		F102104464	217		F102104479	217				
800	F102104451	217		F102104466	217		F102104481	217				
900	F102104452	217		F102104467	217		F102104482	217				
1000	F102104453	217		F102104468	217		F102104483	217				
1200	F102104455	217		F102104470	217		F102104485	217				

H186*	Stone				Ice				Silver			
KB	Item No.	PU		Item No.	PU		Item No.	PU				
250	F102104561		213	F102104576		213	F102104591		213			
300	F102104563		213	F102104578		213	F102104593		213			
350	F102104564		213	F102104579		213	F102104594		213			
400	F102104565		213	F102104580		213	F102104595		213			
450	F102104566		213	F102104581		213	F102104596		213			
500	F102104567		213	F102104582		213	F102104597		213			
600	F102104569		213	F102104584		213	F102104599		213			
800	F102104571		213	F102104586		213	F102104601		213			
900	F102104572		213	F102104587		213	F102104602		213			
1000	F102104573		213	F102104588		213	F102104603		213			
1200	F102104575		213	F102104590		213	F102104605		213			

* upon request

LEGEND

B	Bottom panel	NL	Nominal length
BL	Bottom panel length	S	Cabinet side wall
EB	Construction width	STRW	Steel back panel
KB	Cabinet width		

NOVA PRO SCALA

Designer panels



- Designer panels offer new design possibilities for differentiation
- High-quality visual design with material combinations enable segmentation on the basis of one system
- The designer panels are simply fitted with either magnetic tape or adhesive bonding
- Can be attached after the production process


Packaging unit (PU):

501 = 1 items in PE in a cardboard box

Note:

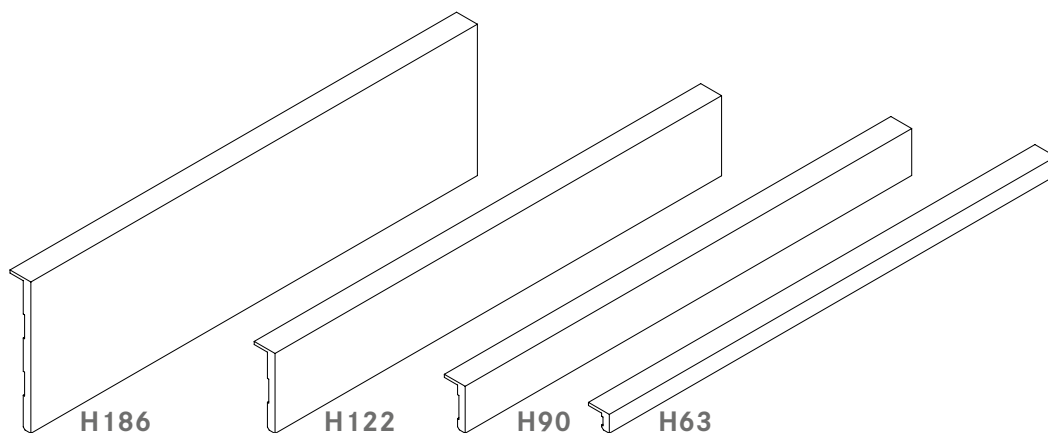
Designer panels are not available from GRASS

ORDER INFORMATION

Magnetic tape, adhesive			
Description	Item No.	PU	
Roll 20 x 1.5 mm, 40 m	F102108509	501	

NOTE

For designer panel H63 the magnetic tape must be halved to 10 x 1.5 mm.



PAGE REFERENCES

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PLANNING DIMENSIONS

All dimensions in millimetres

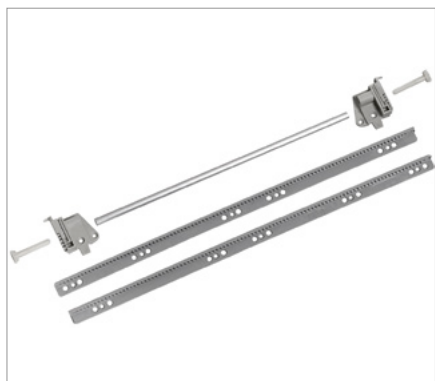
<p>Installation dimensions designer panels for H63</p>	<p>Installation dimensions designer panels for H90</p>	
<p>Installation dimensions designer panels for H122</p>	<p>Installation dimensions designer panels for H186</p>	
<p>Designer panel cutting dimensions</p>	<p>Design options</p>	<p>Magnetic tape</p>

LEGEND

<p>NL Nominal length</p>		
-------------------------------	--	--

NOVA PRO SCALA

Accessories



- Maximum stability for extra-wide regular and pot drawers
- Maximum opening comfort and perfect running properties
- For drawer widths of up to 1500 mm

Packaging unit (PU):

123 = 100 items in PE
 207 = 10 items in a cardboard box
 213 = 25 items in a cardboard box

Note:

Cannot be used with designer panels for Nova Pro Scala

SIDE STABILISING DEVICE

1 Torsion bar Set: Torsion bar, pinion, support (left/right)				
KB	Item No.	PU		
900	F102066385	207	213	
1000	F102066386	207	213	
1100	F102066387	207	213	
1200	F102066388	207	213	
1500	F102066389	207	213	



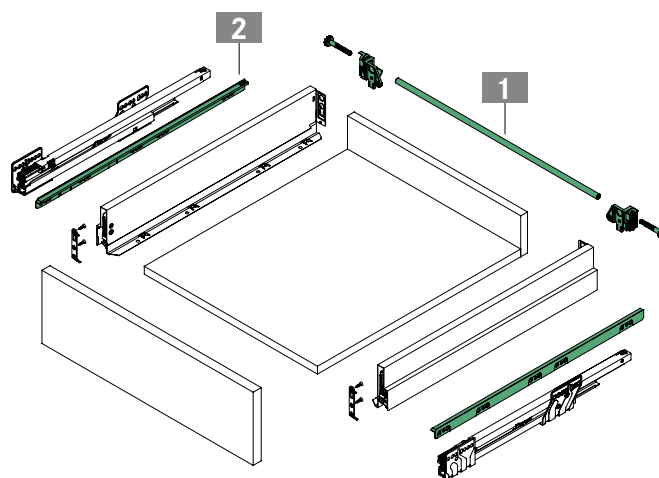
2 Gliding channel Set: One left, one right				
NL	Aluminium metallic	PU		
450	F102050864	207	213	
500	F102050865	207	213	
550	F102050866	207		
600	F102050867	207	213	
650	F102050868	207		



Note: For special cabinet outside width: Torsion bar KB - 100 mm

SHEET METAL SCREW

	Designation	Item No.	PU
	4.8 x 13 mm (when using a steel back panel)	F145050869	123



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
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INSTALLATION INFORMATION

Gliding channel assembly		NL	LTK
	450	450	469
	500	500	519
	550	550	569
	600	600	619
	650	650	669

Side view	Front view	Rear view

Assembly of the side stabilising device	
	<ol style="list-style-type: none"> Positioning the left and right-hand support Screwing on the support Depending on the back panel, use the following: Wooden back panel: Chipboard screws $\varnothing 4 \times 20$ mm Steel back panel: Sheet metal screws $\varnothing 4.8 \times 13$ mm Insertion of the torsion bar and pushing in the pinion Pushing the pinion into the locking position. Finished! <p>NOTES</p> <p>Additional fixture $\varnothing 4 \times 15$ mm possible with wooden back panel</p> <ul style="list-style-type: none"> Drawer widths 900 to 1500 mm Slide lengths 450 to 600 mm Cabinet sides 15 to 19 mm Torsion rod length = cabinet outside width - 100 mm

LEGEND


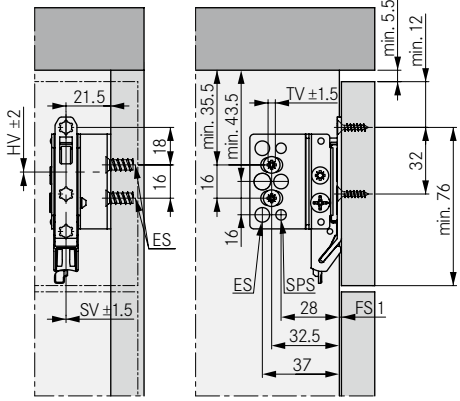
KB	Cabinet width
LTK	Inside cabinet depth
NL	Nominal length
RW	Back panel

TSL Torsion rod length

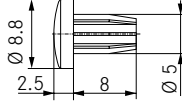
NOVA PRO SCALA

Accessories


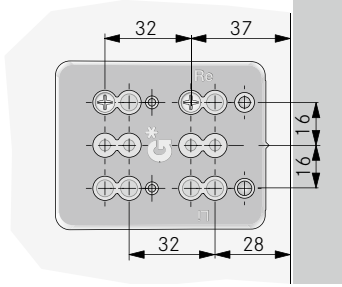
BLIND PANEL SNAP-ON BRACKET

		Item No.	PU
<ul style="list-style-type: none"> • Tool-free installation and removal • Snap-on quick mounting and removal of the front • Worktop Fitted: 5.5 mm min. Later: 0 mm • Side adjustment +/- 1.5 mm • Height adjustment +/- 2 mm • Depth adjustment +/- 1,5 mm <p>Note: Supplied without installation hook</p>			<p>F102108430</p> <p>217</p>

FRONT BUFFER

		Item No.	PU
<ul style="list-style-type: none"> • Gentle closing of the door against the cabinet 		<p>F071044351</p> <p>147</p>	


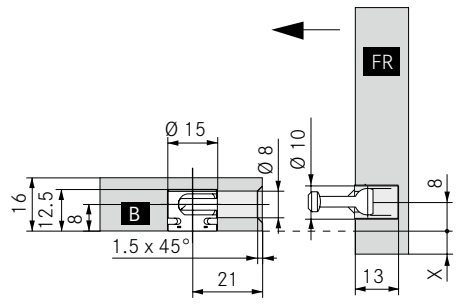
NOVA PRO SPACER

		Item No.	PU
<ul style="list-style-type: none"> • Thickness 25 mm • The hole pattern is suitable for Nova Pro and Nova Pro Scala • The spacer can be used on the left and the right 			<p>F102062616</p> <p>211 223</p>


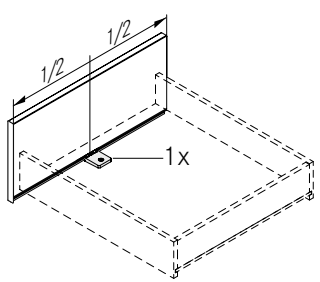
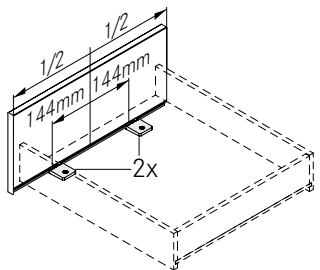
PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
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FRONT-BOTTOM CONNECTOR

			Item No.	PU	
<ul style="list-style-type: none"> For wide drawers with a cabinet width of over 800 mm 			F148026744	107	223

FRONT-BOTTOM CONNECTOR F8 INSET PANEL

			Item No.	PU	
<ul style="list-style-type: none"> For wide drawers with a cabinet width of over 600 mm 		KB = 600 - 800 mm 	F145117993	223	
		KB = 800 - 1200 mm 			

LEGEND

B	Bottom panel
ES	Euro countersunk screw
FR	Front
FS	Front gap

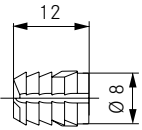
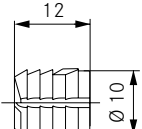
HV	Height adjustment
KB	Cabinet width
SPS	Chipboard screw
SV	Side adjustment

TV	Depth adjustment
----	------------------

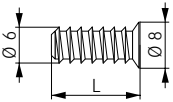
NOVA PRO SCALA

Accessories

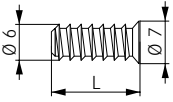
DOWEL

		Item No.	PU	
• Ø 8 x 12 mm		F071004885	123	247
• Ø 10 x 12 mm		F071005853	123	261

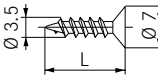
EURO SCREWS

		Item No.	PU		
• Steel, nickel-plated, for screwing into pre-drilled hole system Ø 5 mm (cross head screwdriver Pozidriv Nr. 2)		L = 8.5	F145089301	123	
		L = 11.5	F145083544	123	147
		L = 13	F145083545	123	147
		L = 14.5	F145083546	123	147
		L = 17	F145087107	123	
		L = 22	F145087108	123	

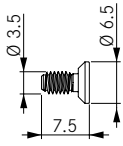
SPECIAL EURO SCREWS

		Item No.	PU	
• Steel, nickel-plated, for screwing into pre-drilled hole system Ø 5 mm (cross head screwdriver Pozidriv Nr. 2)		L = 8.5	F145089355	123
		L = 13.5	F145088185	123

CHIPBOARD SCREWS

		Item No.	PU	
• Head Ø 7 mm		L = 11	F145010742	261
		L = 15	F145087110	123
		L = 17	F145087111	147

SPECIAL SCREW

		Item No.	PU	
• Self-tapping countersunk screw, M 3.5 x 7.5 mm		F145117998		239

PAGE REFERENCES

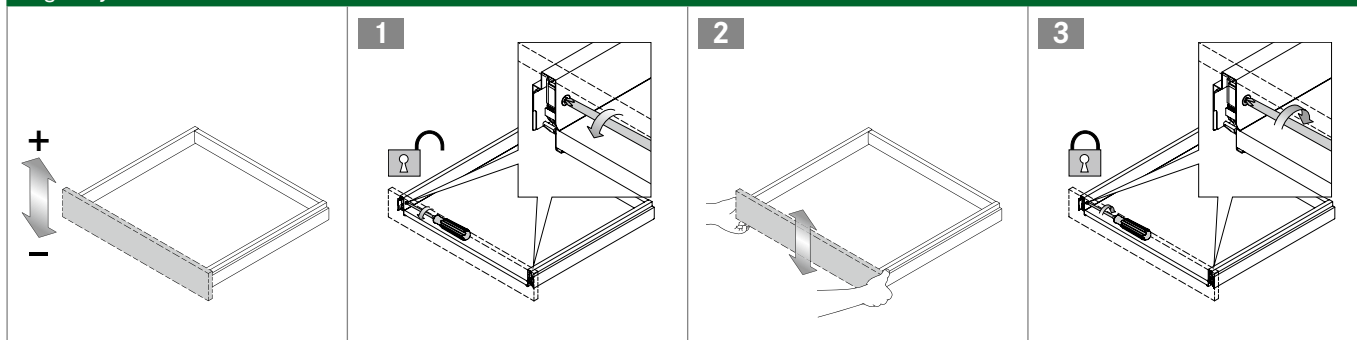
Drawer sides	13	Steel back panels	58	Sensomatic	75
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Inset panels	44	Technical information	68	Assembly technology	122

NOVA PRO SCALA

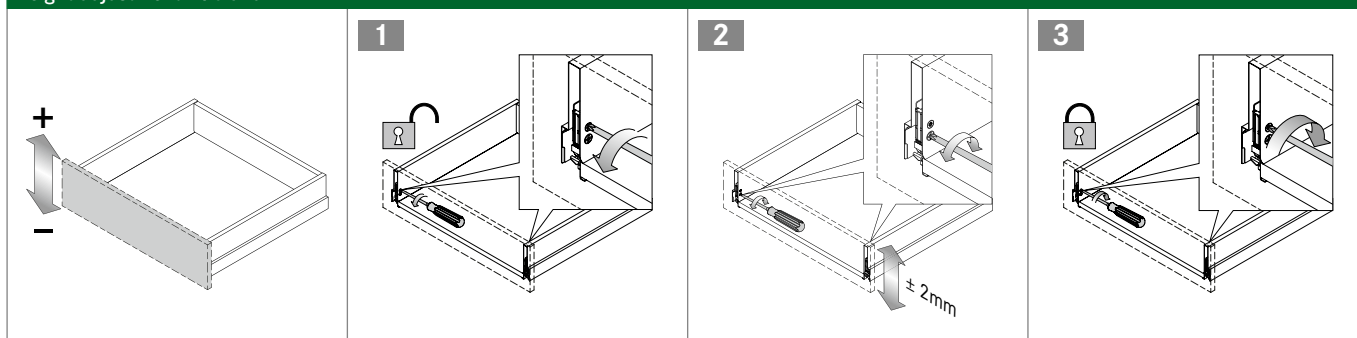
Technical information

ADJUSTMENT

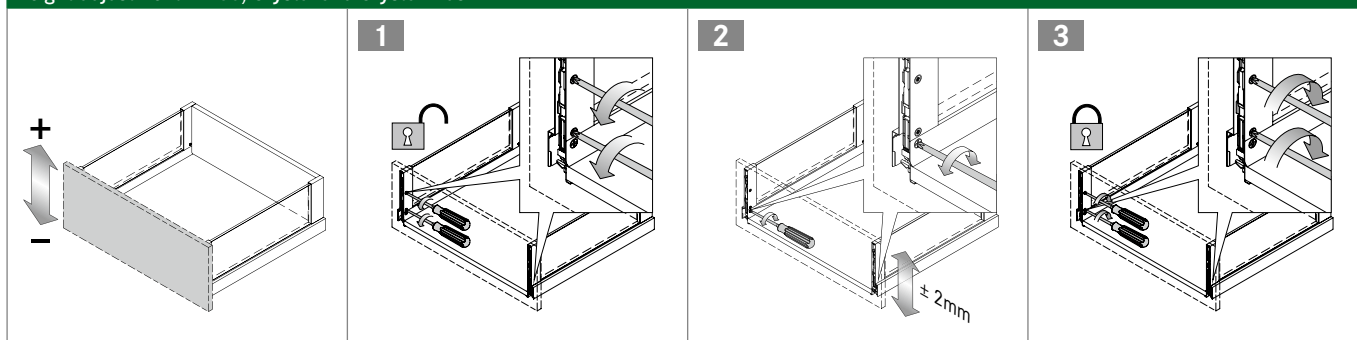
Height adjustment H63



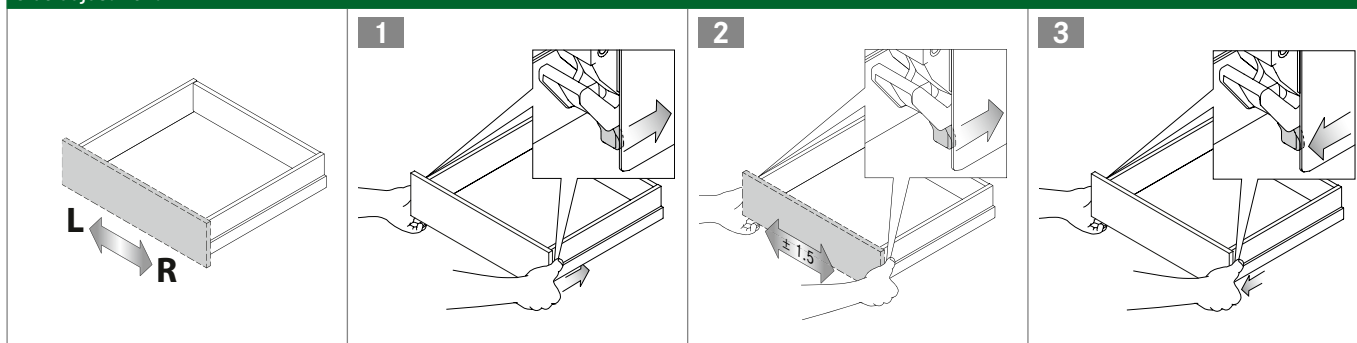
Height adjustment H90 and H122



Height adjustment H186, Crystal and Crystal Plus



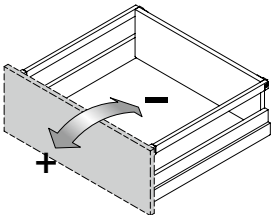
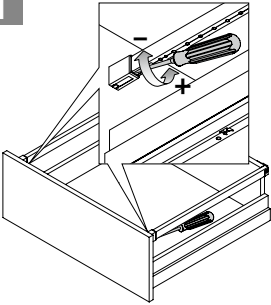
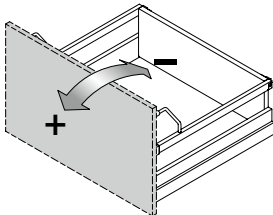
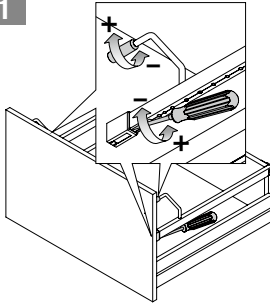
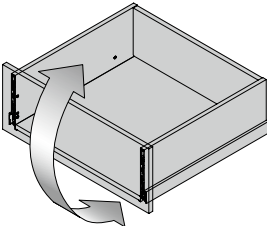
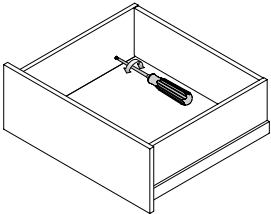
Side adjustment



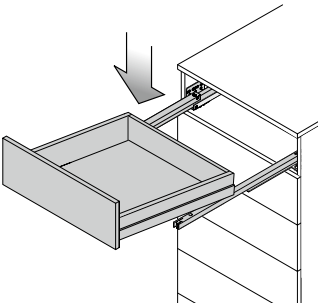
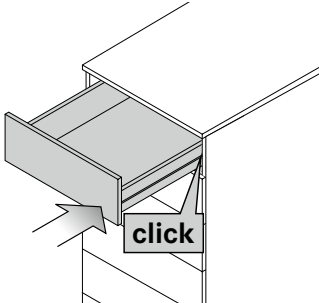
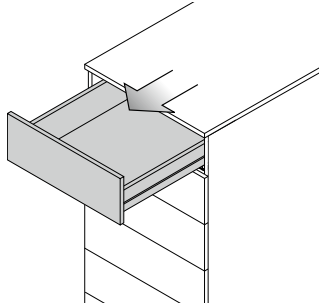
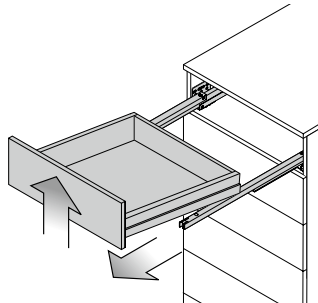
PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
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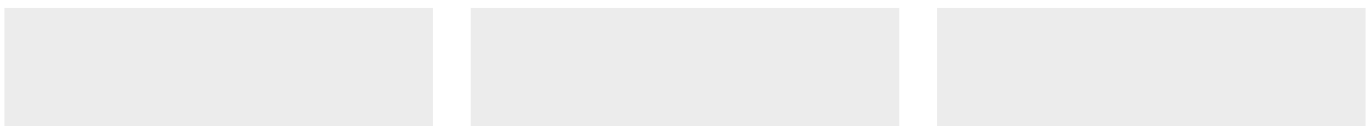
ADJUSTMENT

Tilt angle adjustment H90 with rectangular railing		Tilt angle adjustment H90 with rectangular railing and front support	
	1 		1 
Tilt angle adjustment H122, H186, Crystal and Crystal Plus			
	1 		

ASSEMBLY/REMOVAL

Inserting		Removal	
			

LEGEND

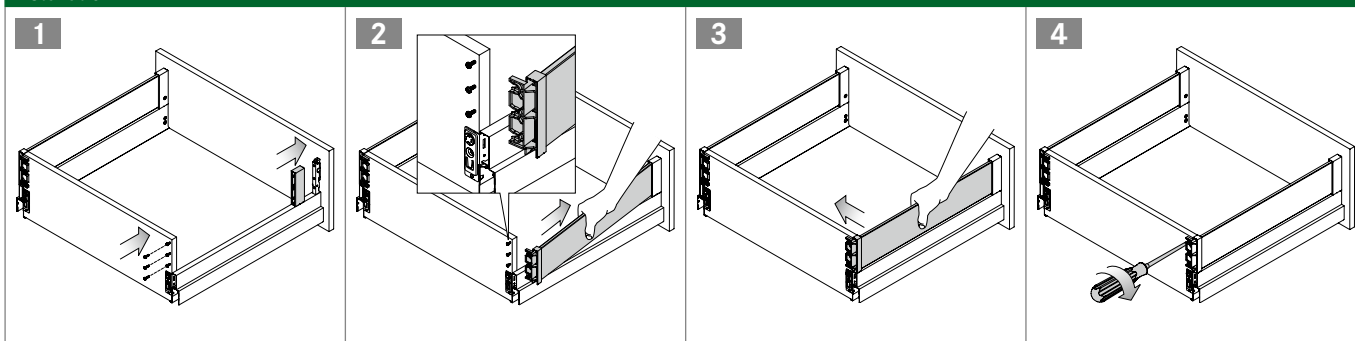


NOVA PRO SCALA

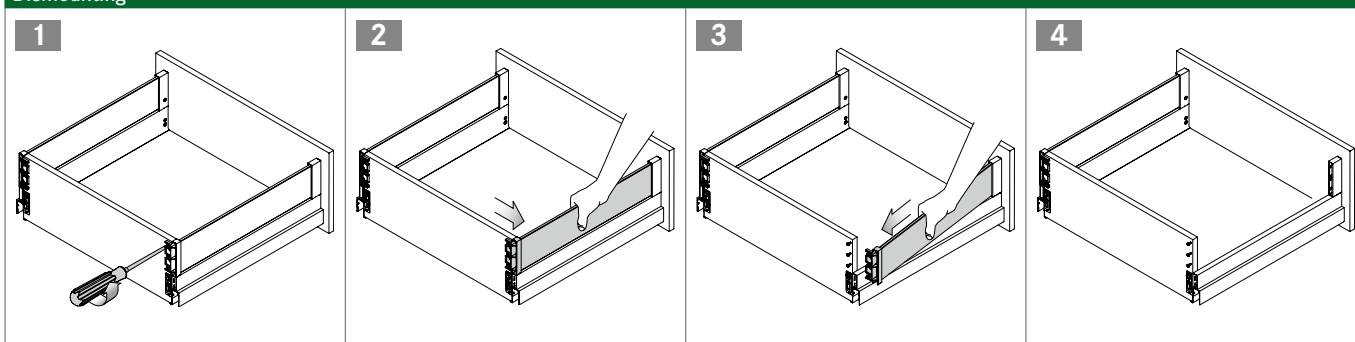
Technical information

CRYSTAL SLIDE-IN ELEMENT FOR WOODEN BACK PANEL

Installation

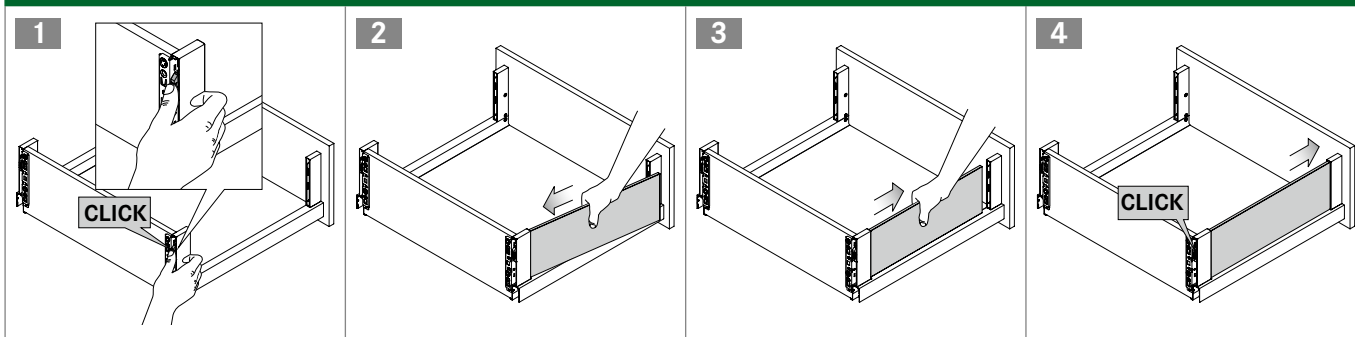


Dismounting

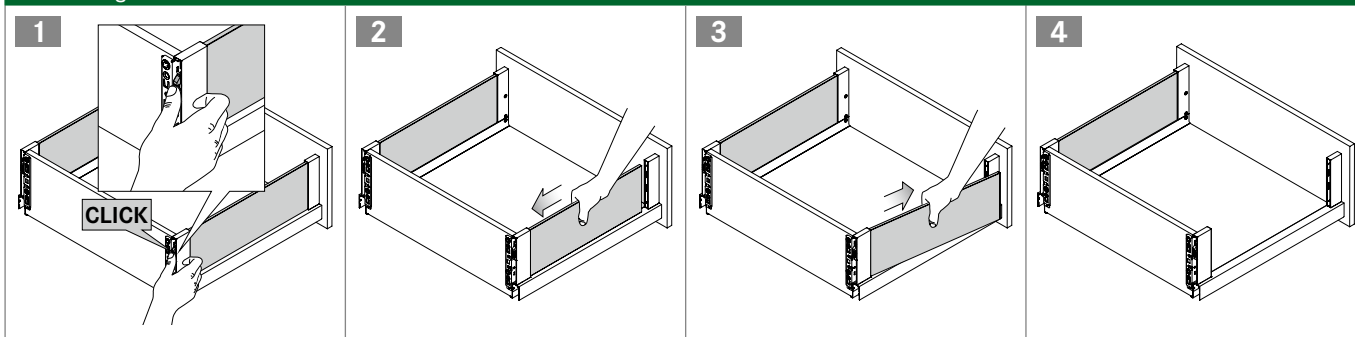


CRYSTAL PLUS SLIDE-IN ELEMENT FOR WOODEN BACK PANEL

Installation



Dismounting

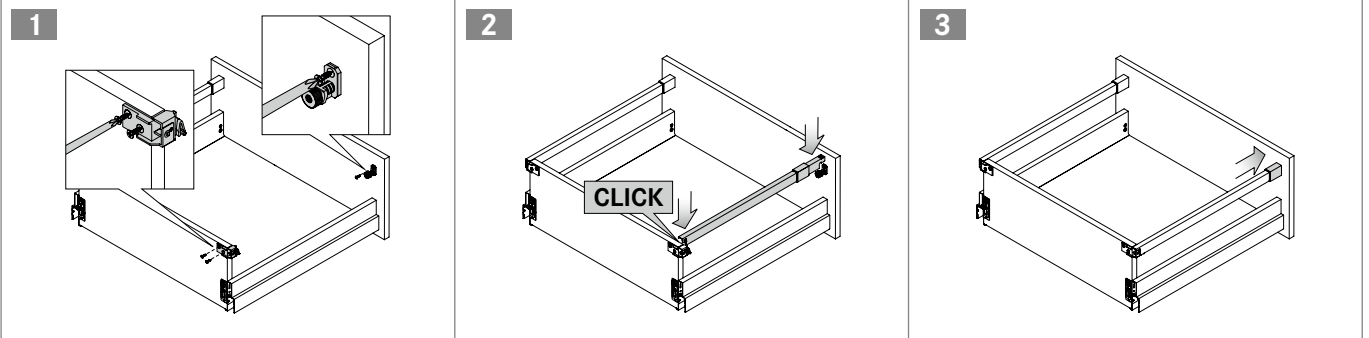


PAGE REFERENCES

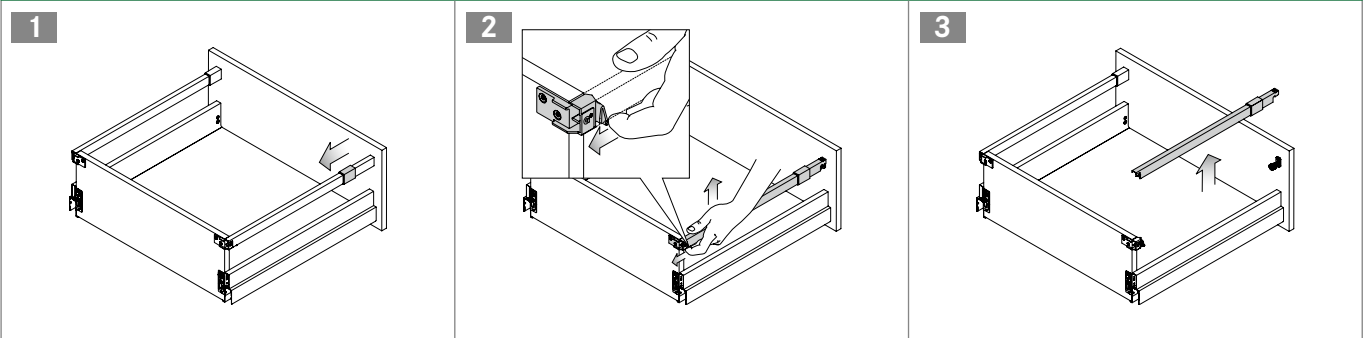
Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Inset panels	44	Accessories	62	Assembly technology	122

RECTANGULAR RAILING

Installation

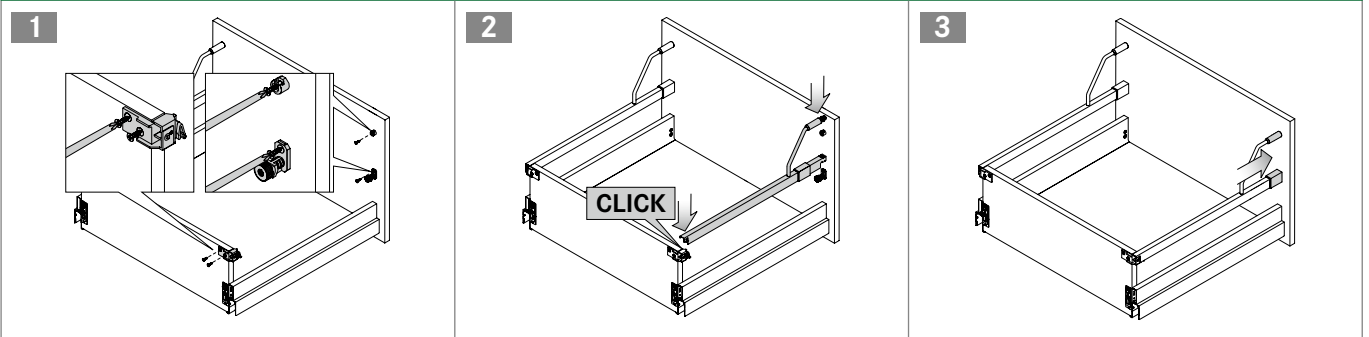


Dismounting

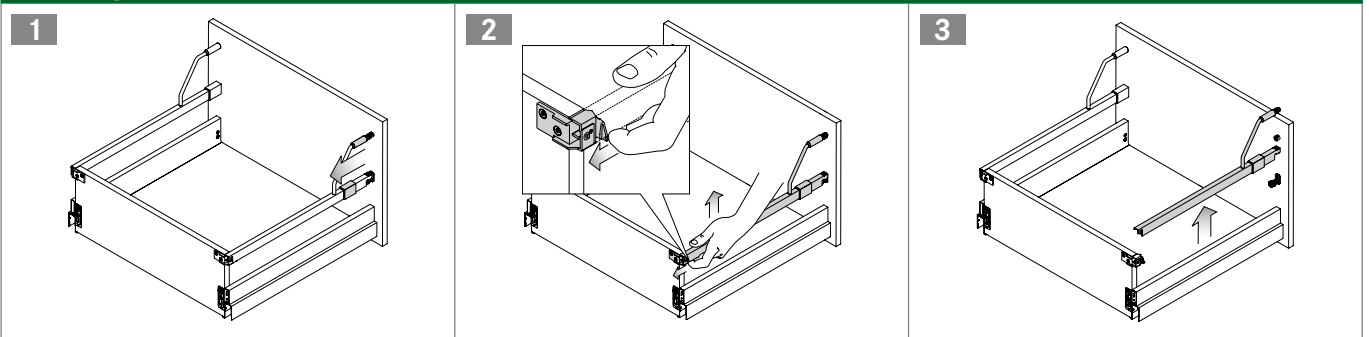


RECTANGULAR RAILING WITH FRONT SUPPORT

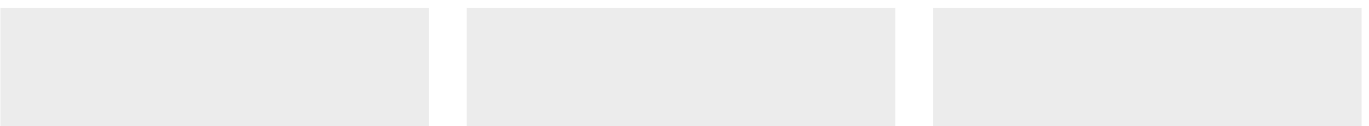
Installation



Dismounting



LEGEND

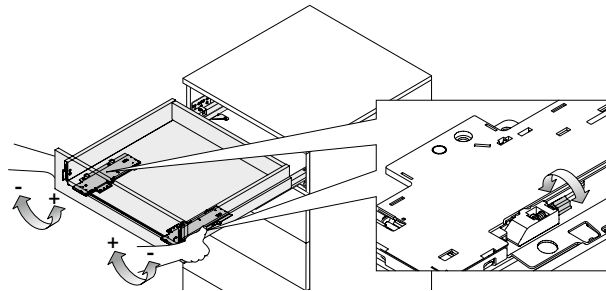
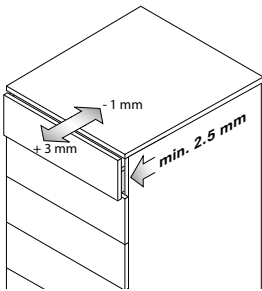


NOVA PRO SCALA

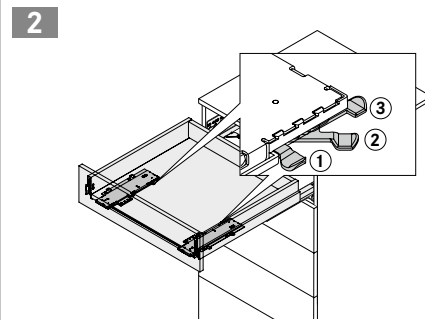
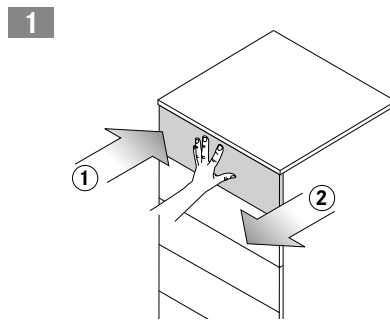
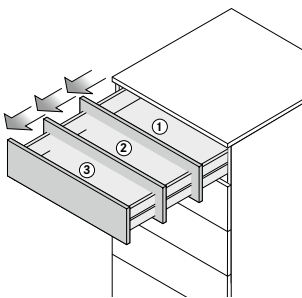
Technical information

TIPMATIC SOFT-CLOSE

Front gap adjustment



Activation force



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Inset panels	44	Accessories	62	Assembly technology	122



SENSOMATIC OPENING SYSTEM

Action. Reaction. Interaction.
Comfort cannot be any more fascinating.

QUALITY CERTIFICATE
LGAI

Ultimate movement comfort: GRASS opening systems for handle-free furniture.

Thanks to Sensomatic's automatic touch-sensitive function, a gentle trigger is enough to start the drawer movement. A light touch or pull is converted into an electric signal which starts the movement process within a fraction of a second. The action is even, precise and elegant. Sensomatic combined with Soft-close, the mechanical damping system, guarantees ultimate operating comfort. Because the two systems combine all advantages of handle-free opening with the elegance of damped closing.

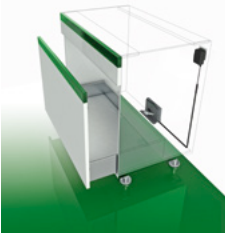
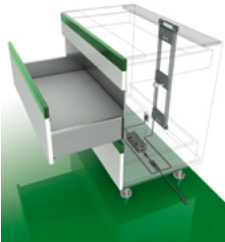
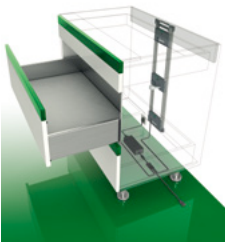
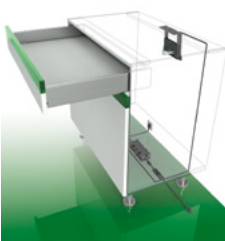
NOVA PRO SENSOMATIC

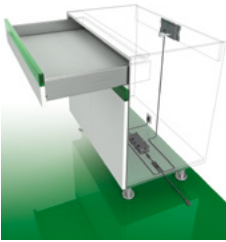
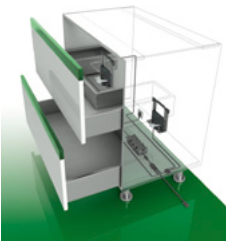
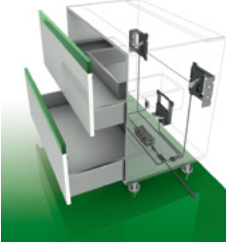
Electro-mechanical opening of regular and pot drawers.
For a balance between stylish design and functional comfort.

Product designation	Page
Nova Pro Sensomatic single set	78
Standard cabinet with horizontal wooden stretcher	80
Standard cabinet with vertical wooden stretcher	82
Single drawer with overhead frame set mounting	84
Single drawer with back panel frame set mounting	86
Sink cabinet with bottom panel frame set mounting	88
Sink cabinet with side panel frame set mounting	90
Installation instructions	92

NOVA PRO SENSOMATIC

Electro-mechanical opening of regular and pot drawers.
For a balance between stylish design and functional comfort.

	Product description	Page
	<p>Nova Pro Sensomatic single set</p> <ul style="list-style-type: none"> • Complete set for a single drawer • For cabinet widths of up to 1200 mm • Easy to install • Very simple wiring (plug and play) 	78
	<p>Standard cabinet with horizontal wooden stretcher</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	80
	<p>Standard cabinet with vertical wooden stretcher</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	82
	<p>Single drawer with overhead frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	84

	Product description	Page
	<p>Single drawer with back panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	86
	<p>Sink cabinet with bottom panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	88
	<p>Sink cabinet with side panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	90

NOVA PRO SENSOMATIC

Single set



- Electro-mechanical opening system
- Combines handle-free opening with Soft-close damping system
- 1 drive unit for all weight classes
- Easy to fit
- Simple plug and play wiring
- Small additional installation depth
- Single sets include all components necessary for installation
- Ideal for heavy pot drawers and waste separating systems

• **Note:**

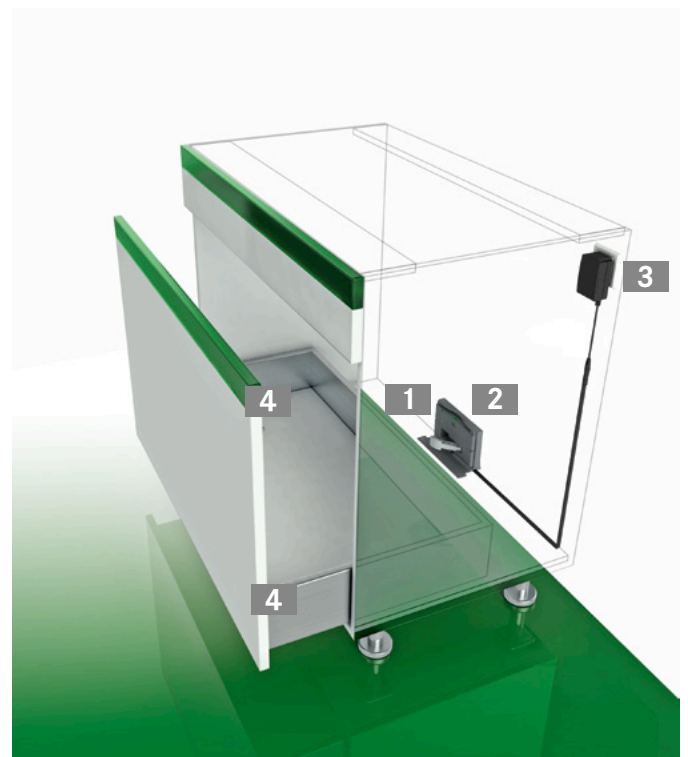
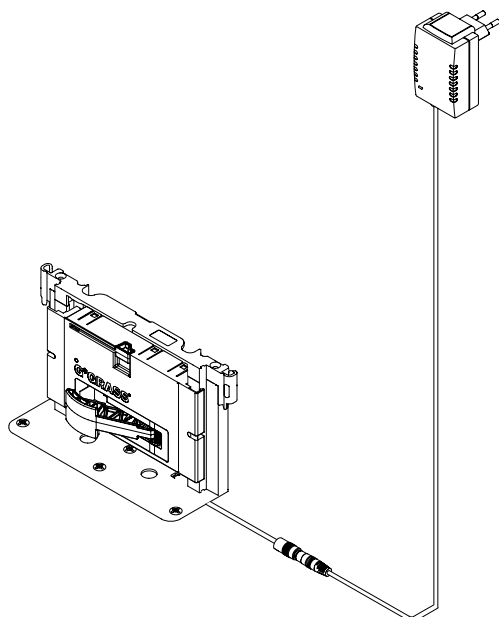
Sets for other countries available upon request

ORDER INFORMATION

Sensomatic single set	
	Item No. PU
for Nova Pro	F121100983 201

1 set includes:

- 1** drive unit (1x)
- 2** installation set (1x)
- 3** Power supply unit with connector (1x)
(Central Europe, DE, FR, IT, CH, ES, RU, PT, NL)
- 4** spring-loaded front buffers (4x)
drilling and installation instructions (1x)

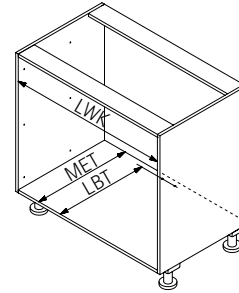
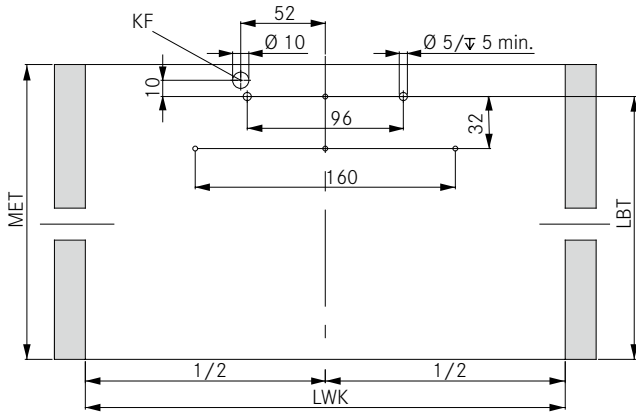


PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Organising systems	97
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INSTALLATION INFORMATION

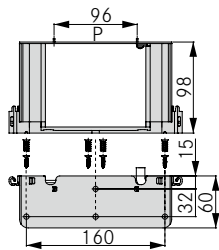
Installation dimensions



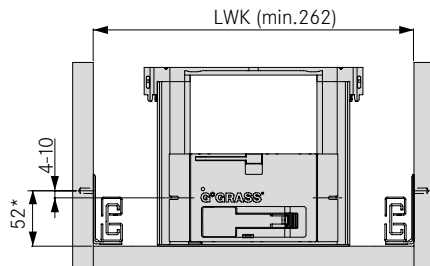
RW	MET	LBT
Wood	NL + 20*	NL + 5*

* When using front buffer 2.2 mm MET = NL + 21, LBT = NL + 6

Installation set

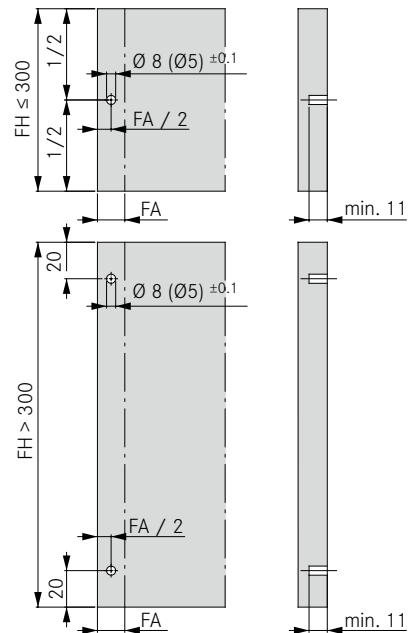


Position of drive unit



* Recommendation/Minimum dimension: 49.5 mm

Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

LEGEND

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

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

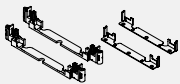
RW	Back panel
----	------------


NOVA PRO SENSOMATIC

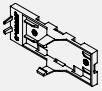
Standard cabinet horizontal wooden stretcher


ORDER INFORMATION

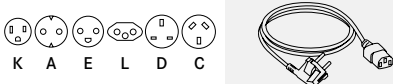
1 Drive unit	
for Nova Pro	Item No. F121100268 PU 607


3 Fastening set consisting of: Items 3a (2x) and item 3b (2x)	
	Item No. F121100610 PU 507


3b Fixing brackets top/bottom	
	Item No. F121100270 PU 211

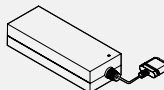
5 Power supply unit holder	
	Item No. F121100604 PU 507


7 Connection cable with 2-way adapter		
Length	Item No.	PU
600	F121100288	207
1000	F121100289	207
2000	F121100291	207

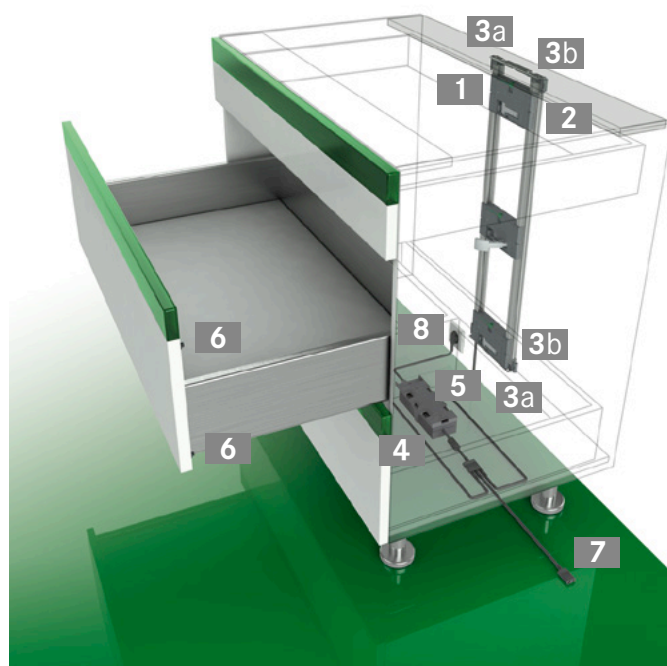
8 Power supply cable		
Plug	Item No.	PU
Power supply cable K (USA, CAN)	F120069760	207
Power supply cable K (JP)	F120072445	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207
Power supply cable E (DK)	F120069763	207
Power supply cable L (CH)	F120069765	207
Power supply cable D (UK, AE, MY)	F120069766	207
Mains cable C (AU, NZ)	F120078669	207
without plug	F120069767	207

2 Frame sides including frame side cable		
Length	Item No.	PU
653	F121100284	207
750	F121100285	207
1170	F121100286	207

3a Frame connector	
	Item No. F121100282 PU 211

4 Power supply unit	
	Item No. F121100269 PU 607

6 Front buffer, spring-loaded			
Ø	Front gap	Item No.	PU
5	2.2	F121100294	223
	3	F121100295	223
8	2.2	F121100297	223
	3	F121100298	223

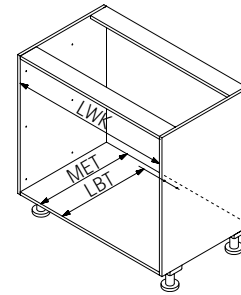
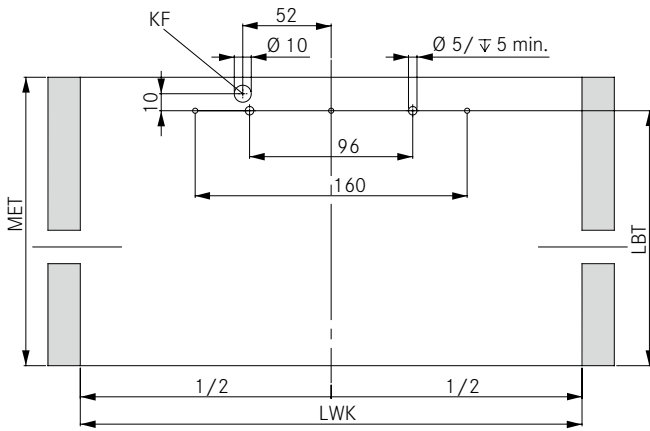


PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Organising systems	97
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INSTALLATION INFORMATION

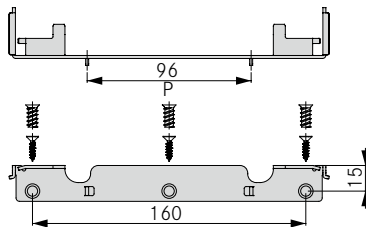
Installation dimensions



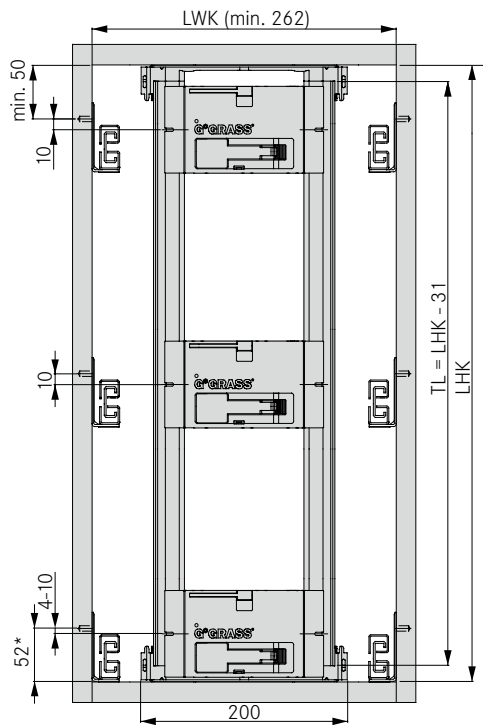
RW	MET	LBT
Wood	NL + 20*	NL + 5*

* When using front buffer 2.2 mm MET = NL + 21, LBT = NL + 6

Fixing brackets top/bottom

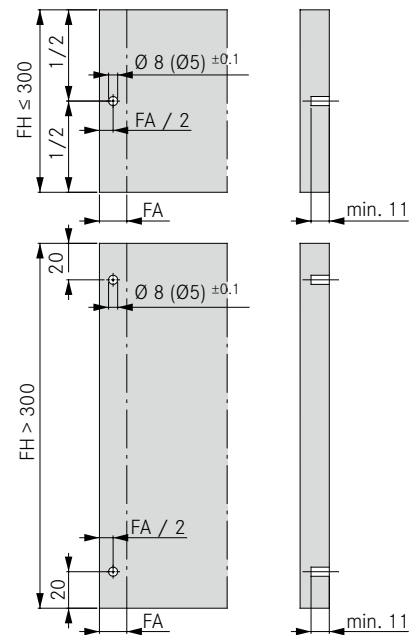


Position of drive unit



* Recommendation/Minimum dimension: 49.5 mm

Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

LEGEND

FA Front overlay
FH Height of front
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 Length of frame side


NOVA PRO SENSOMATIC


Standard cabinet vertical wooden stretcher


ORDER INFORMATION

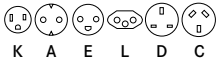
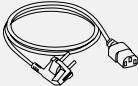
1 Drive unit			
	Item No.	PU	
for Nova Pro	F121100268	607	


3 Frame connector			
	Item No.	PU	
	F121100282	211	

5 Fixing bracket, back inside mounted			
	Item No.	PU	
	F121100275	207	

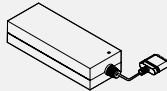
7 Power supply unit holder			
	Item No.	PU	
	F121100604	507	


9 Connection cable with 2-way adapter			
	Length	Item No.	PU
	600	F121100288	207
	1000	F121100289	207
	2000	F121100291	207

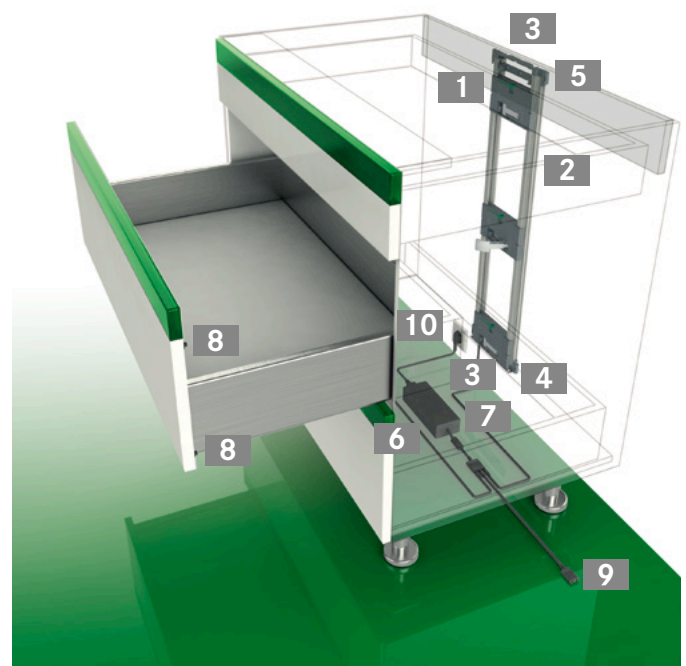
10 Power supply cable				
	K A E L D C			
	Plug	Item No.	PU	
	Power supply cable K (USA, CAN)	F120069760	207	
	Power supply cable K (JP)	F120072445	207	
	Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207	
	Power supply cable E (DK)	F120069763	207	
	Power supply cable L (CH)	F120069765	207	
	Power supply cable D (UK, AE, MY)	F120069766	207	
	Mains cable C (AU, NZ)	F120078669	207	
	without plug	F120069767	207	

2 Frame sides including frame side cable			
	Length	Item No.	PU
	653	F121100284	207
	750	F121100285	207
	1170	F121100286	207

4 Fixing brackets top/bottom			
	Item No.	PU	
	F121100270	211	

6 Power supply unit			
	Item No.	PU	
	F121100269	607	

8 Front buffer, spring-loaded				
	Ø	Front gap	Item No.	PU
	5	2.2	F121100294	223
		3	F121100295	223
	8	2.2	F121100297	223
		3	F121100298	223

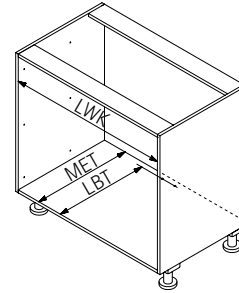
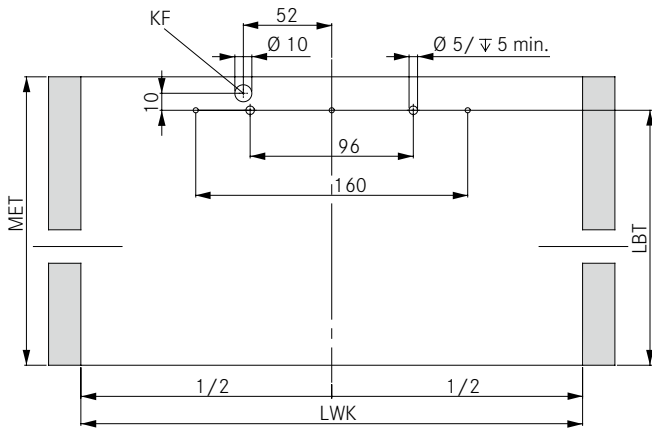


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INSTALLATION INFORMATION

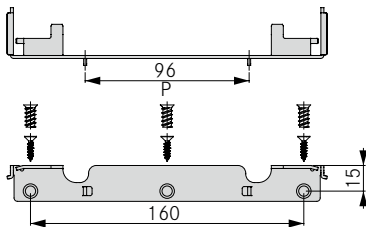
Installation dimensions



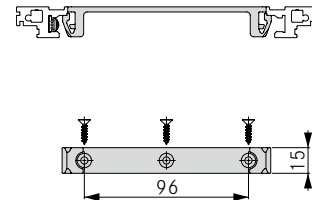
RW	MET	LBT
Wood	NL + 20*	NL + 5*

* When using front buffer 2.2 mm MET = NL + 21, LBT = NL + 6

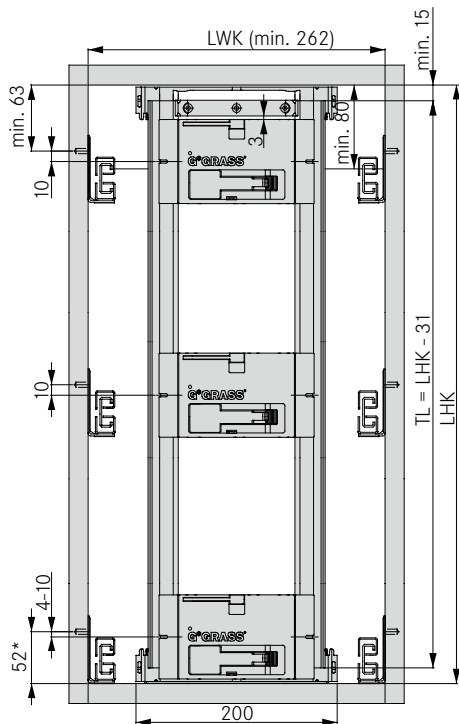
Fixing brackets top/bottom



Fixing bracket, back inside mounted

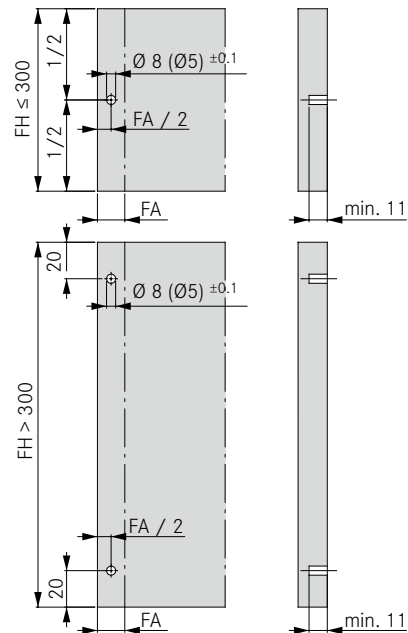


Position of drive unit



* Recommendation/Minimum dimension: 49.5 mm

Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

LEGEND

FA Front overlay
FH Height of front
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 Length of frame side

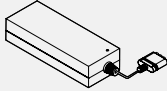
NOVA PRO SENSOMATIC

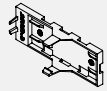
Single drawer with overhead frame set mounting


ORDER INFORMATION


1 Drive unit			
			
		Item No.	PU
for Nova Pro		F121100268	607


2 Installation set			
			
		Item No.	PU
		F121100273	207

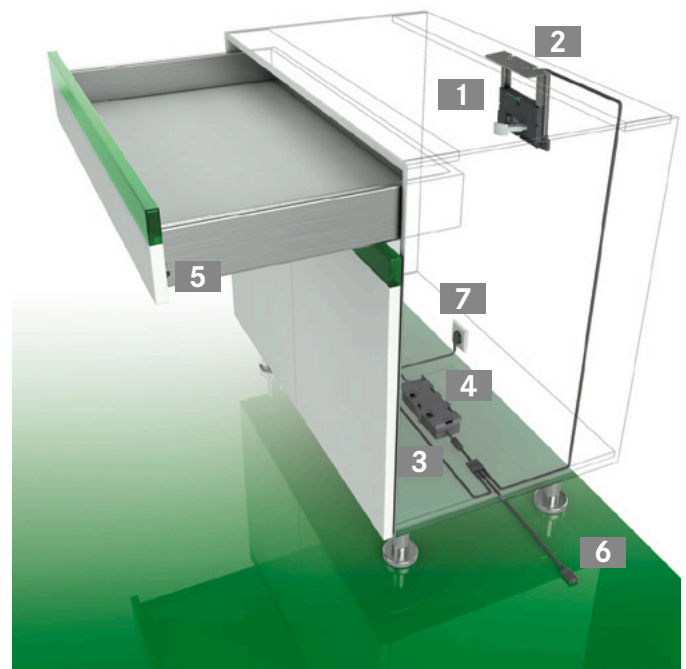
3 Power supply unit			
			
		Item No.	PU
		F121100269	607

4 Power supply unit holder			
			
		Item No.	PU
		F121100604	507

5 Front buffer, spring-loaded			
			
Ø	Front gap	Item No.	PU
5	2.2	F121100294	223
	3	F121100295	223
8	2.2	F121100297	223
	3	F121100298	223

6 Connection cable with 2-way adapter			
			
Length	Item No.	PU	
600	F121100288	207	
1000	F121100289	207	
2000	F121100291	207	

7 Power supply cable			
			
		K A E L D C	
Plug	Item No.	PU	
Power supply cable K (USA, CAN)	F120069760	207	
Power supply cable K (JP)	F120072445	207	
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207	
Power supply cable E (DK)	F120069763	207	
Power supply cable L (CH)	F120069765	207	
Power supply cable D (UK, AE, MY)	F120069766	207	
Mains cable C (AU, NZ)	F120078669	207	
without plug	F120069767	207	

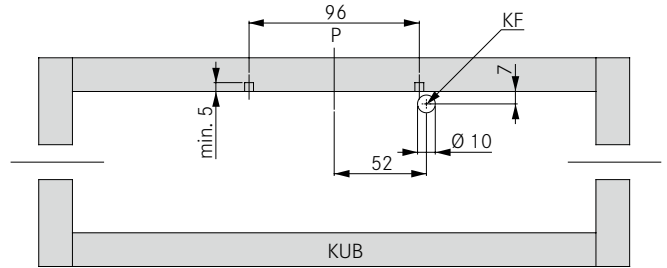
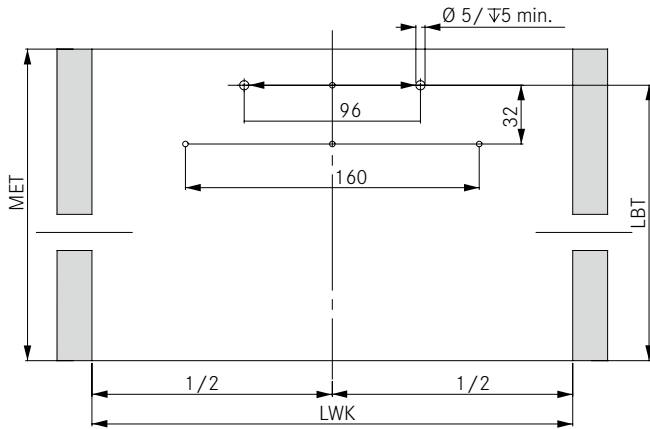


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INSTALLATION INFORMATION

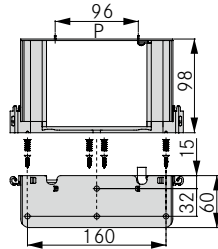
Installation dimensions



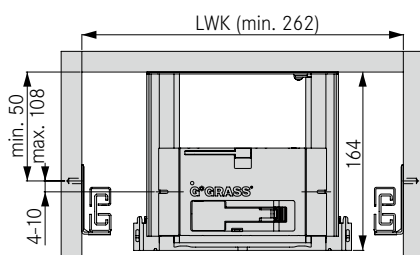
RW	MET	LBT
Wood	NL + 20*	NL + 5*

* When using front buffer 2.2 mm MET = NL + 21, LBT = NL + 6

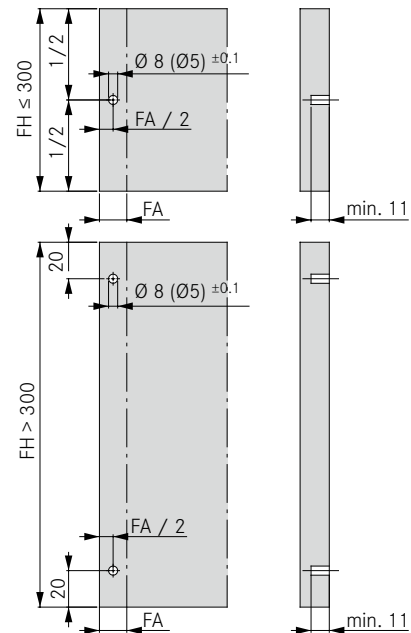
Installation set



Position of drive unit



Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

LEGEND

FA	Front overlay
FH	Height of front
KF	Cable routing
KUB	Cabinet base

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


P	Positioning aid
RW	Back panel

NOVA PRO SENSOMATIC

Single drawer with back panel frame set mounting

ORDER INFORMATION


1 Drive unit	
for Nova Pro	Item No. F121100268 PU 607


2 Frame sides for back panel frame set mounting including hole drilling	
	Item No. F121100283 PU 207



3 Frame connector	
	Item No. F121100282 PU 211

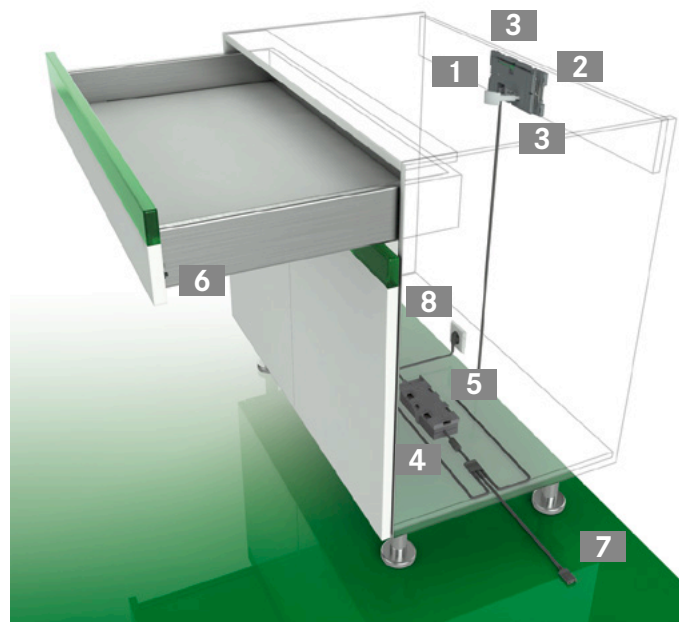
4 Power supply unit	
	Item No. F121100269 PU 607

5 Power supply unit holder	
	Item No. F121100604 PU 507

6 Front buffer, spring-loaded			
\emptyset	Front gap	Item No.	PU
5	2.2	F121100294	223
	3	F121100295	223
8	2.2	F121100297	223
	3	F121100298	223

7 Connection cable with 2-way adapter		
Length	Item No.	PU
600	F121100288	207
1000	F121100289	207
2000	F121100291	207

8 Power supply cable		
		
Plug	Item No.	PU
Power supply cable K (USA, CAN)	F120069760	207
Power supply cable K (JP)	F120072445	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207
Power supply cable E (DK)	F120069763	207
Power supply cable L (CH)	F120069765	207
Power supply cable D (UK, AE, MY)	F120069766	207
Mains cable C (AU, NZ)	F120078669	207
without plug	F120069767	207

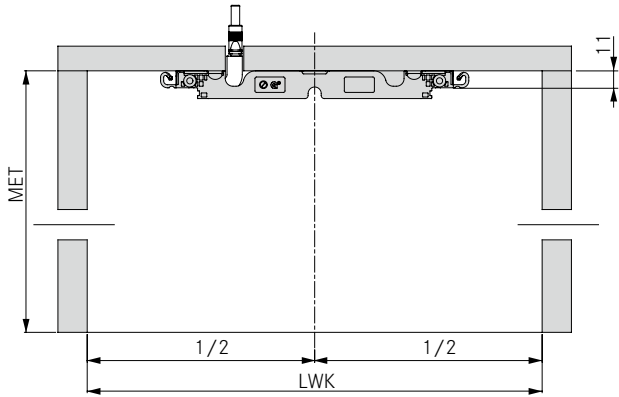


PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Organising systems	97
Slides	32	Accessories	62	Assembly technology	122
Inset panels	44	Installation instructions	92	Packaging code	131

INSTALLATION INFORMATION

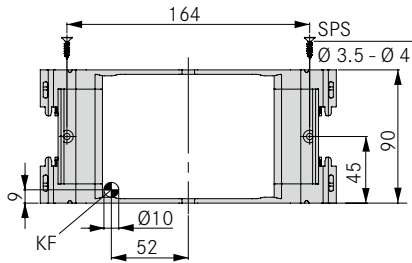
Installation dimensions



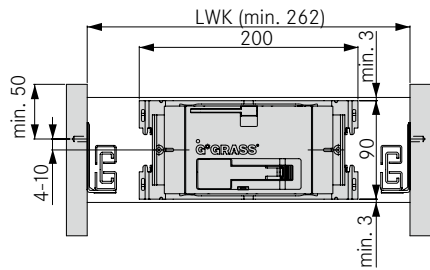
RW	MET
Wood	NL + 20*

* When using front buffer 2.2 mm MET = NL + 21

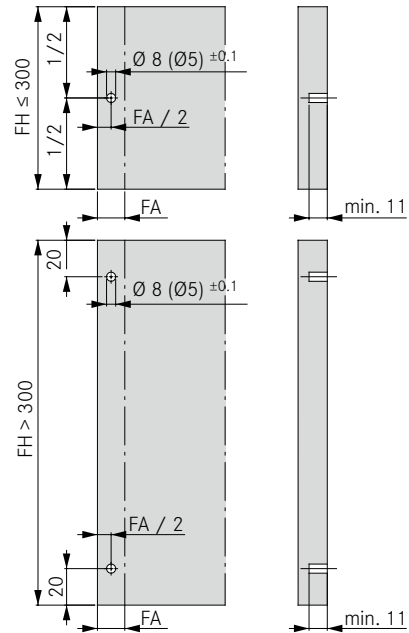
Frame sides



Position of drive unit



Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

LEGEND


FA Front overlay
FH Height of front
KF Cable routing
LWK Inside cabinet width


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

NOVA PRO SENSOMATIC

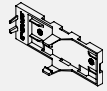
Sink cabinet with bottom panel frame set mounting


ORDER INFORMATION


1 Drive unit			
			
		Item No.	PU
for Nova Pro		F121100268	607


2 Installation set			
			
		Item No.	PU
		F121100273	207

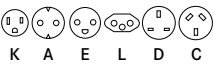
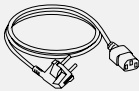
3 Power supply unit			
			
		Item No.	PU
		F121100269	607

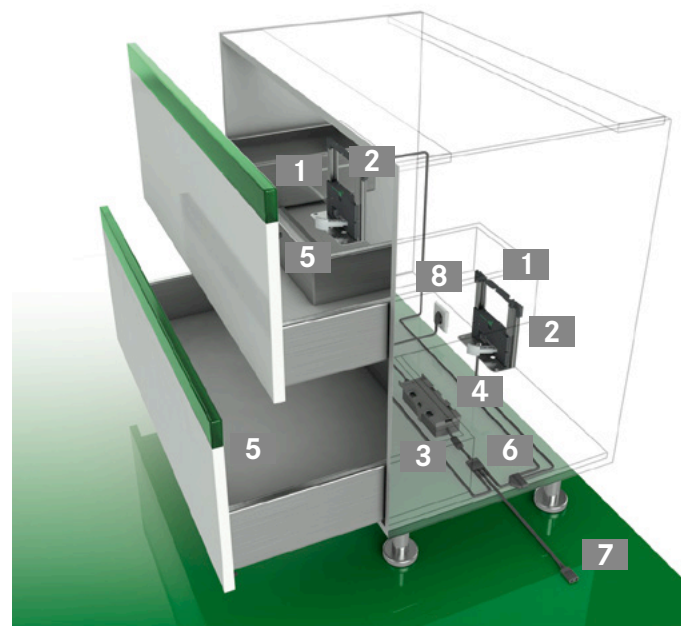
4 Power supply unit holder			
			
		Item No.	PU
		F121100604	507

5 Front buffer, spring-loaded			
			
Ø	Front gap	Item No.	PU
5	2.2	F121100294	223
	3	F121100295	223
8	2.2	F121100297	223
	3	F121100298	223

6 4-way adapter			
			
		Item No.	PU
		F121100293	207

7 Connection cable with 2-way adapter			
			
Length	Item No.	PU	
600	F121100288	207	
1000	F121100289	207	
2000	F121100291	207	

8 Power supply cable			
			
Plug	Item No.	PU	
Power supply cable K (USA, CAN)	F120069760	207	
Power supply cable K (JP)	F120072445	207	
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207	
Power supply cable E (DK)	F120069763	207	
Power supply cable L (CH)	F120069765	207	
Power supply cable D (UK, AE, MY)	F120069766	207	
Mains cable C (AU, NZ)	F120078669	207	
without plug	F120069767	207	

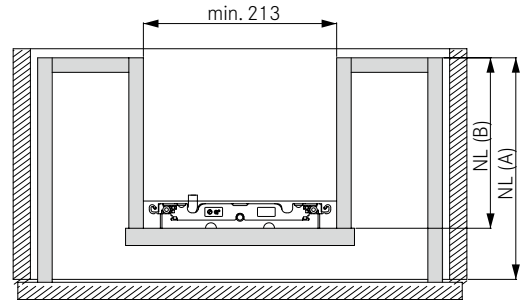
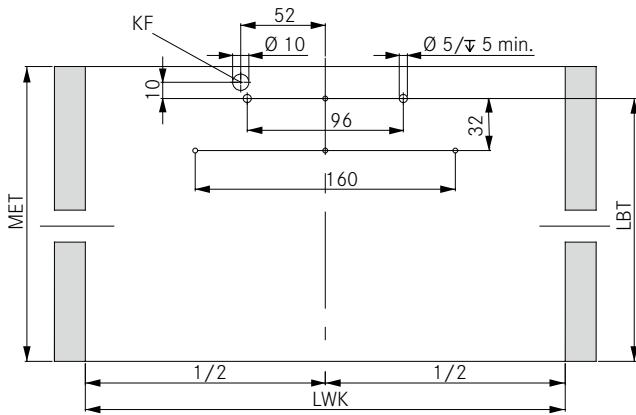


PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Organising systems	97
Slides	32	Accessories	62	Assembly technology	122
Inset panels	44	Installation instructions	92	Packaging code	131

INSTALLATION INFORMATION

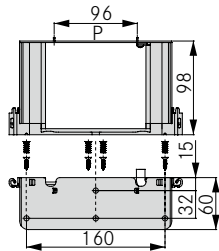
Installation dimensions – bottom panel frame set mounting



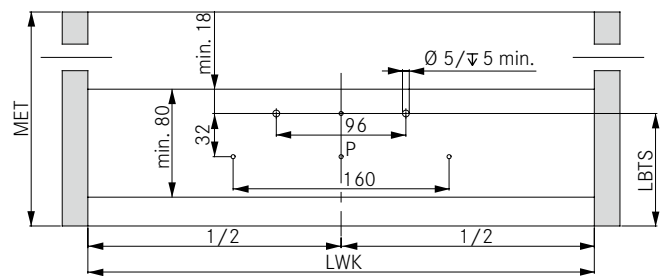
RW	MET	LBT	LBTS
Wood	NL + 20*	NL + 5*	NL(A)-NL(B)+9

* When using front buffer 2.2 mm MET = NL + 21, LBT = NL + 6

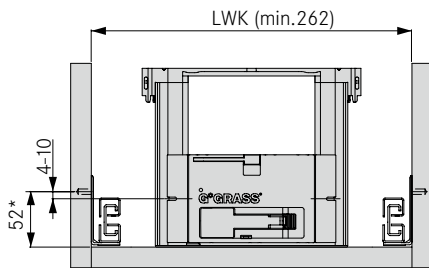
Installation set



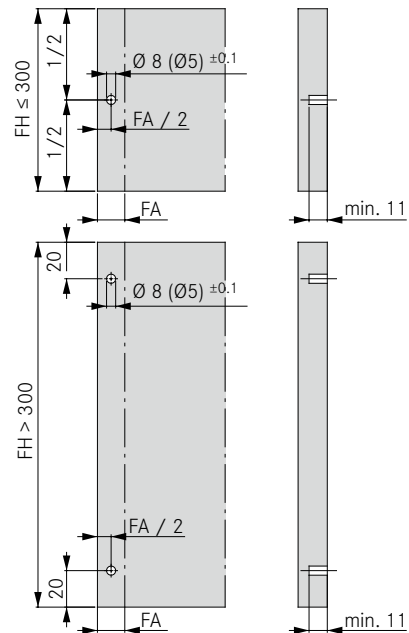
Sink cabinet installation



Position of drive unit



Position of front buffer



Note:

When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

* Recommendation/Minimum dimension: 49.5 mm

LEGEND

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

LBTS	Sink drawer, depth of hole pattern
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length

P	Positioning aid
RW	Back panel

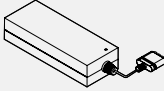
NOVA PRO SENSOMATIC

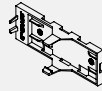
Sink cabinet with side panel frame set mounting


ORDER INFORMATION


1 Drive unit			
			
		Item No.	PU
for Nova Pro		F121100268	607

2 Installation set			
			
		Item No.	PU
		F121100273	207


3 Power supply unit			
			
		Item No.	PU
		F121100269	607

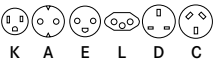

4 Power supply unit holder			
			
		Item No.	PU
		F121100604	507

5 Front buffer, spring-loaded			
			
\emptyset	Front gap	Item No.	PU
5	2.2	F121100294	223
	3	F121100295	223
8	2.2	F121100297	223
	3	F121100298	223

6 Synchronisation cable 10 m			
			
		Item No.	PU
		F121100287	207

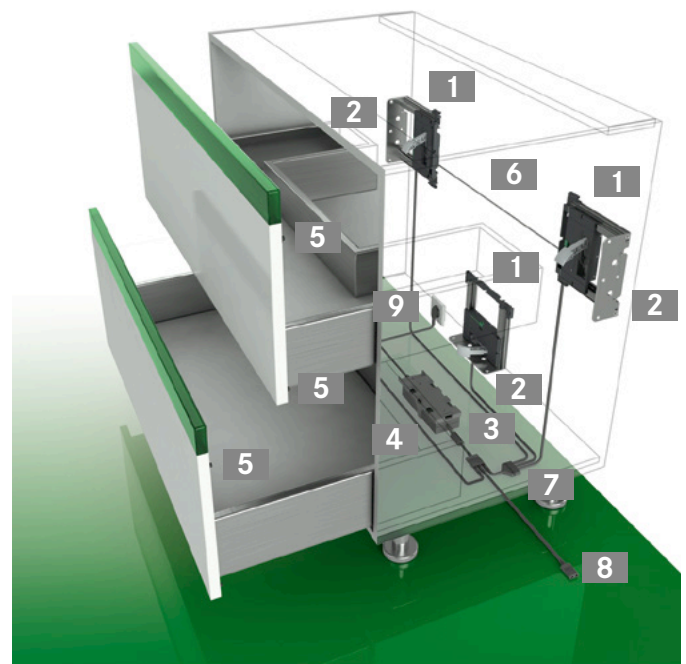
7 4-way adapter			
			
		Item No.	PU
		F121100293	207

8 Connection cable with 2-way adapter			
			
	Length	Item No.	PU
	600	F121100288	207
	1000	F121100289	207
	2000	F121100291	207

9 Power supply cable			
 			
Plug		Item No.	PU
Power supply cable K (USA, CAN)		F120069760	207
Power supply cable K (JP)		F120072445	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)		F120069761	207
Power supply cable E (DK)		F120069763	207
Power supply cable L (CH)		F120069765	207
Power supply cable D (UK, AE, MY)		F120069766	207
Mains cable C (AU, NZ)		F120078669	207
without plug		F120069767	207

NOTE

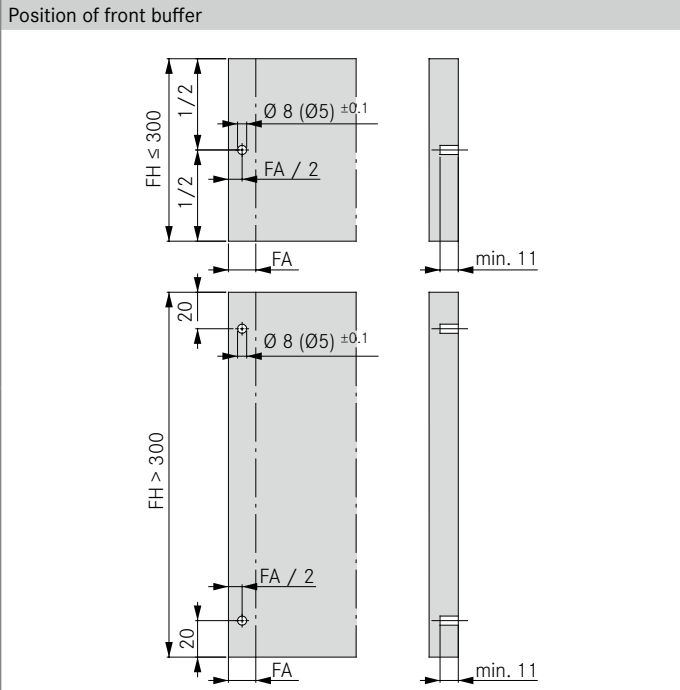
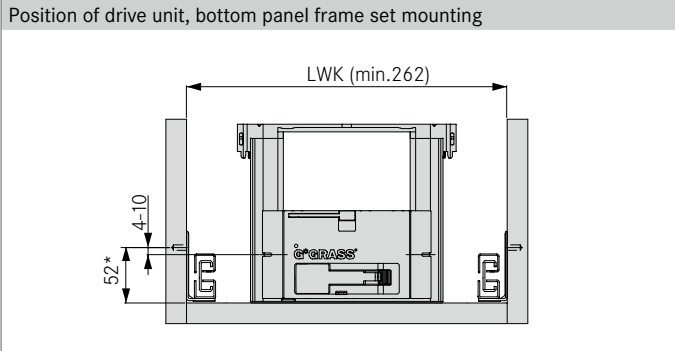
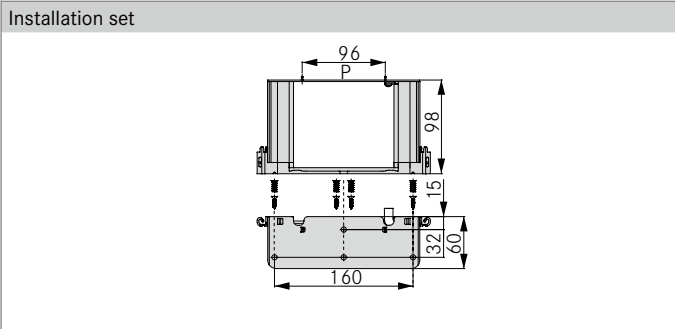
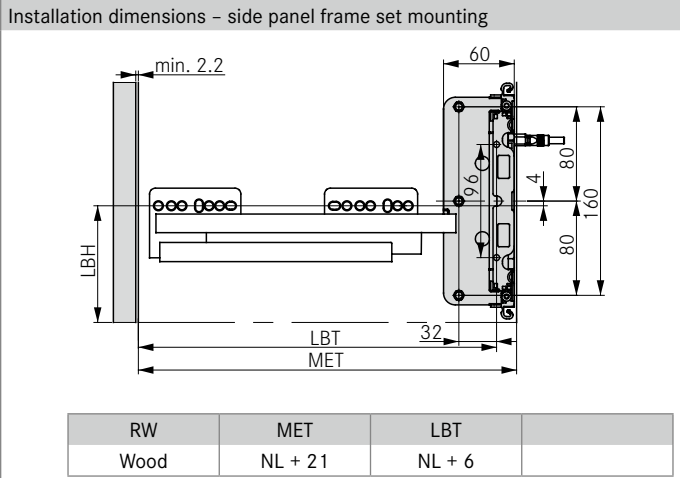
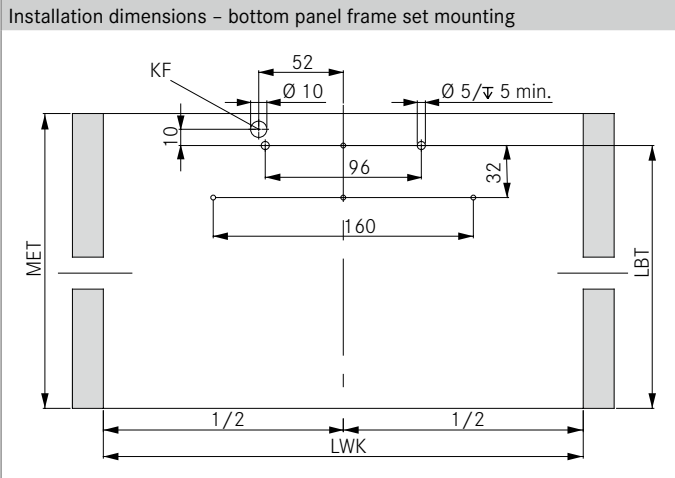
Suitable from NL 350



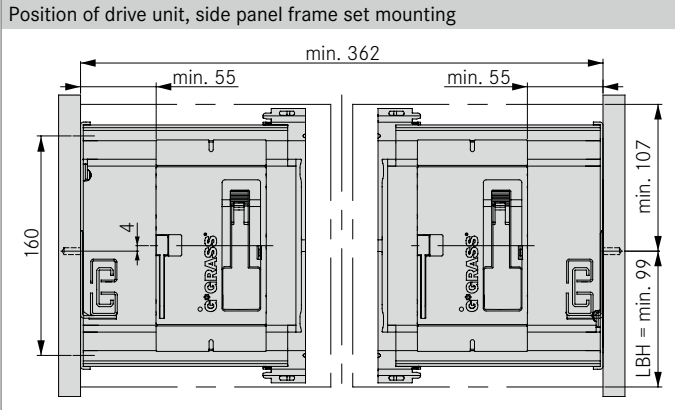
PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Organising systems	97
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INSTALLATION INFORMATION



* Recommendation/Minimum dimension: 49.5 mm



Note:
When using Nova Pro slides 70 kg, 4 front buffers must be integrated into the front.

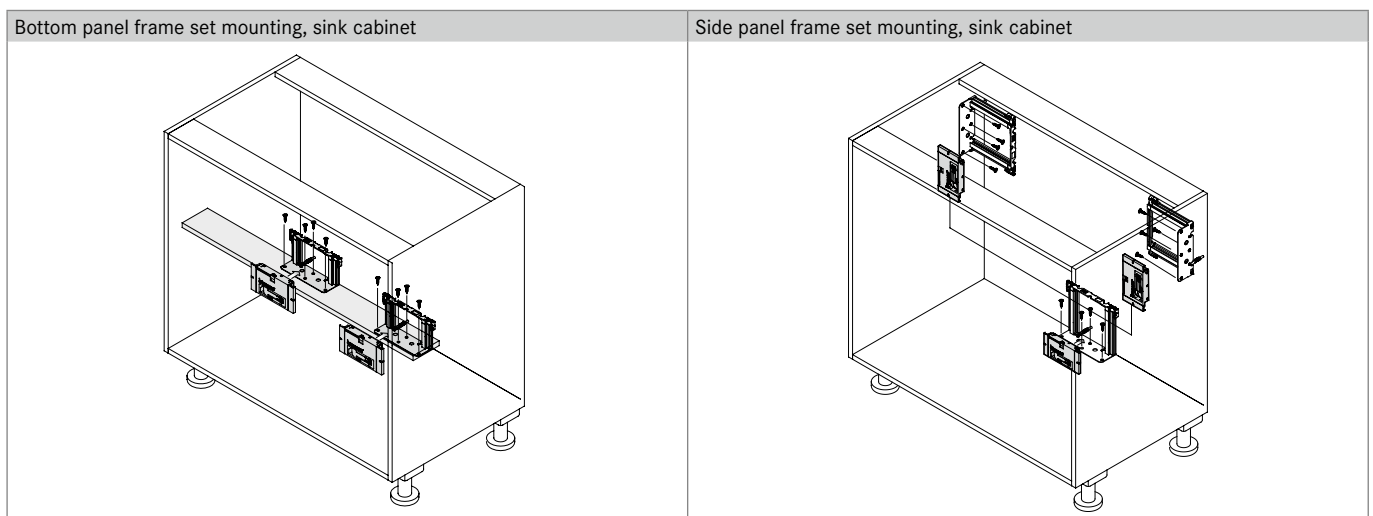
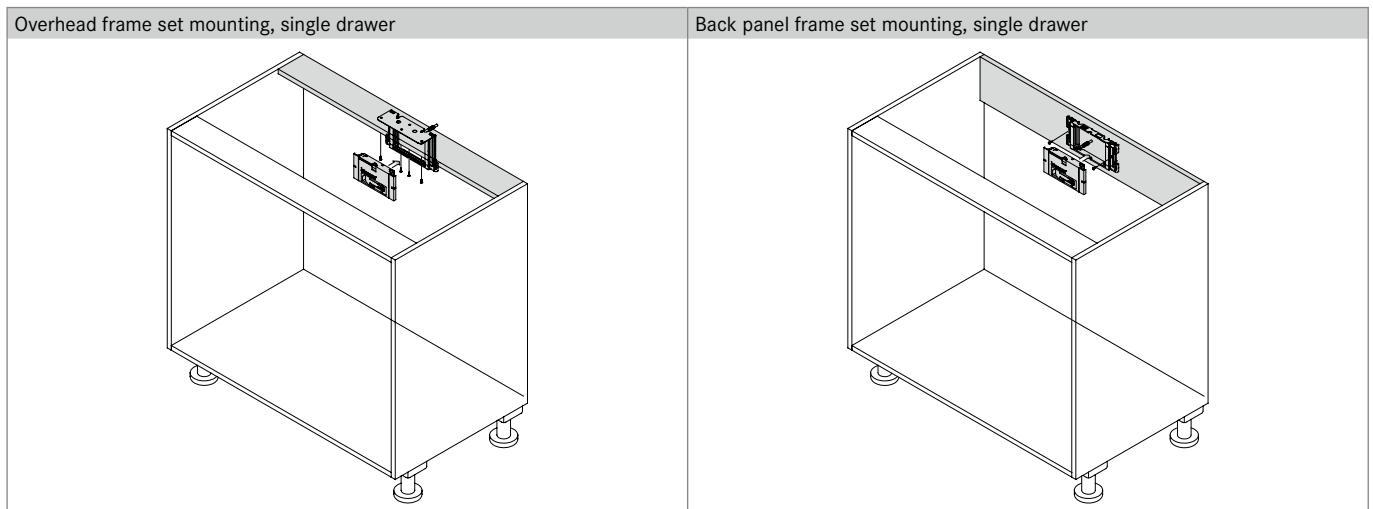
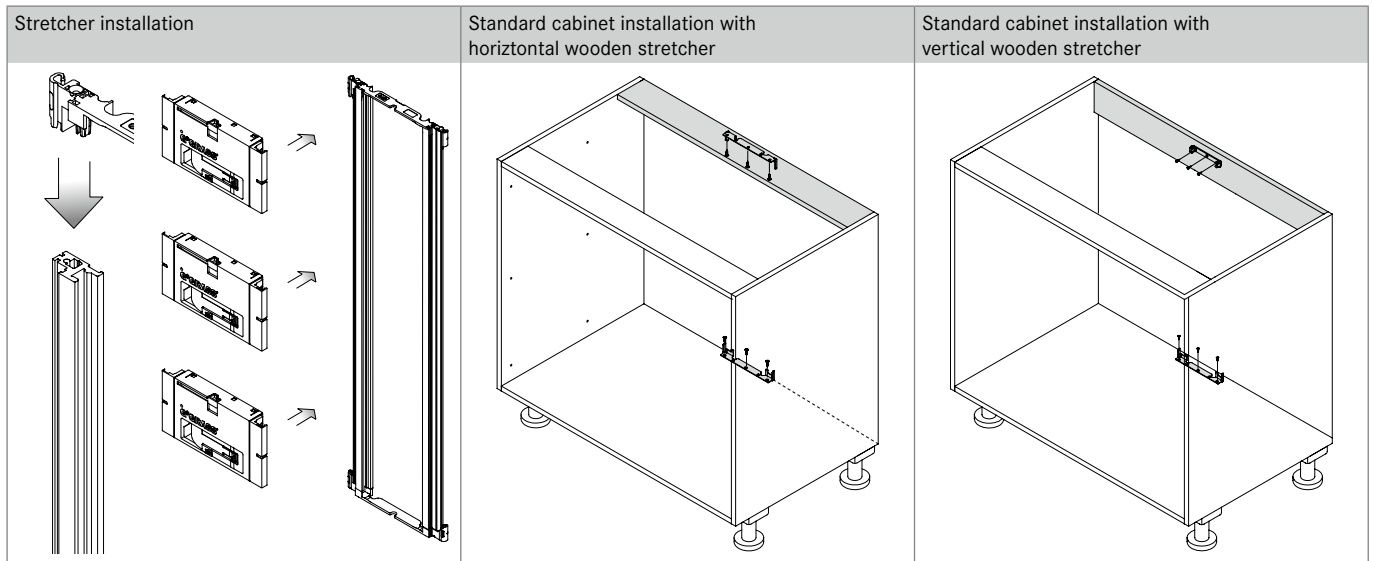
LEGEND

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

NOVA PRO SENSOMATIC

Installation instructions

INSTALLATION INSTRUCTIONS

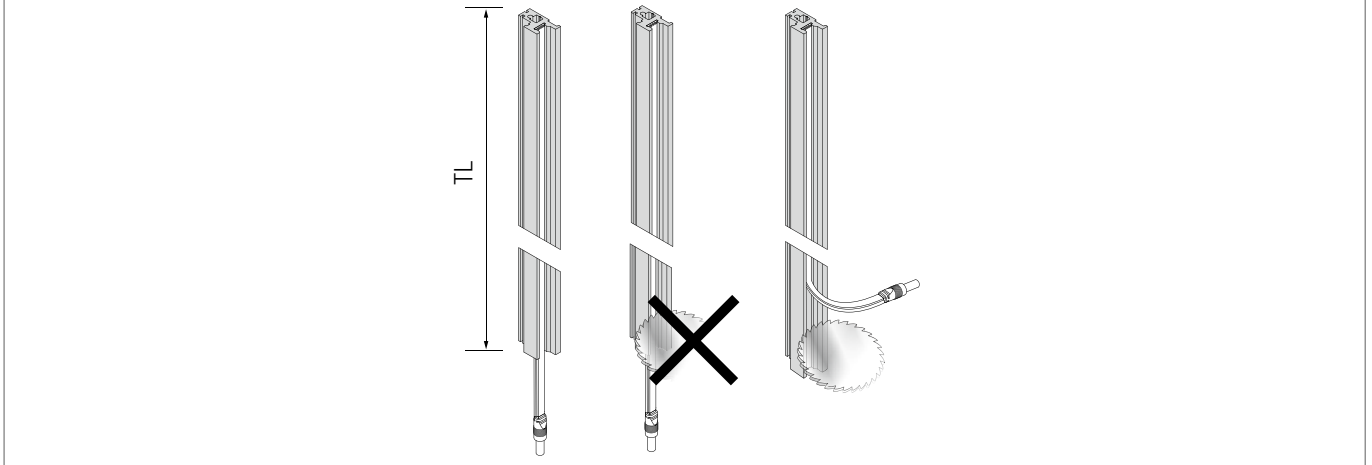


PAGE REFERENCES

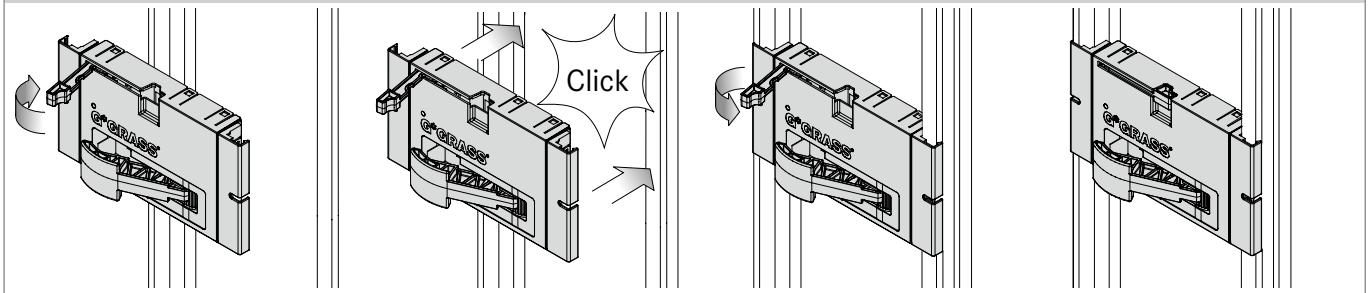
Horizontal wooden stretcher	80	Back panel frame set mounting	86	Drawer sides	13
Vertical wooden stretcher	82	Bottom panel frame set mounting	88	Slides	32
Overhead frame set mounting	84	Side panel frame set mounting	90	Assembly technology	122

INSTALLATION INSTRUCTIONS

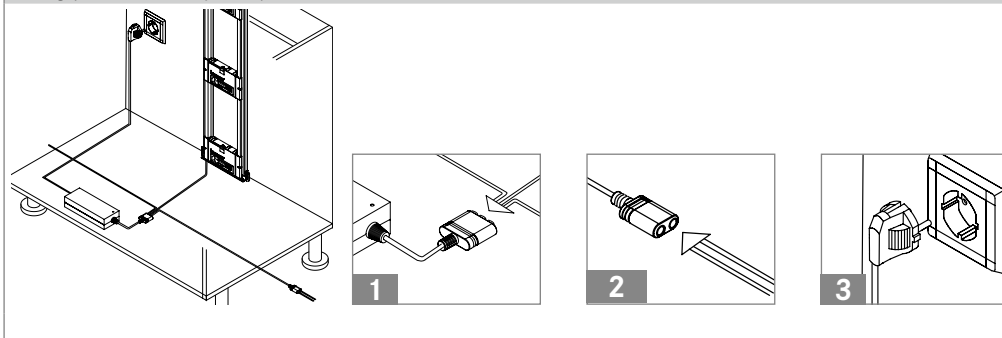
Cutting stretcher to length (horizontal and vertical wooden stretcher)



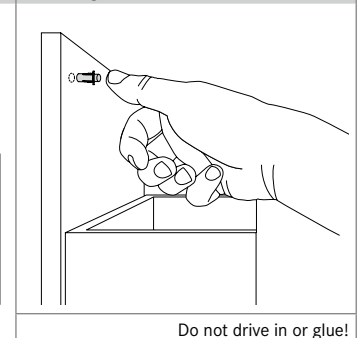
Installation of drive unit



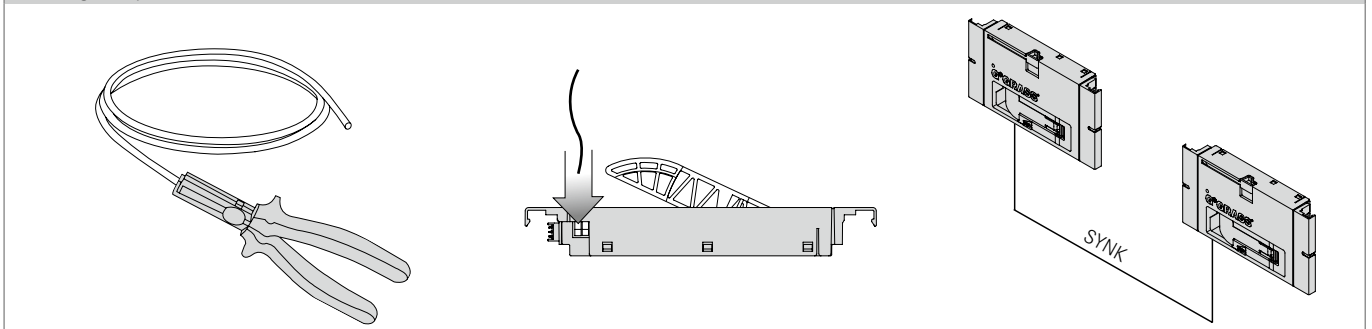
Wiring (connection sequence)



Inserting front buffer



Installing the synchronisation cable



LEGEND

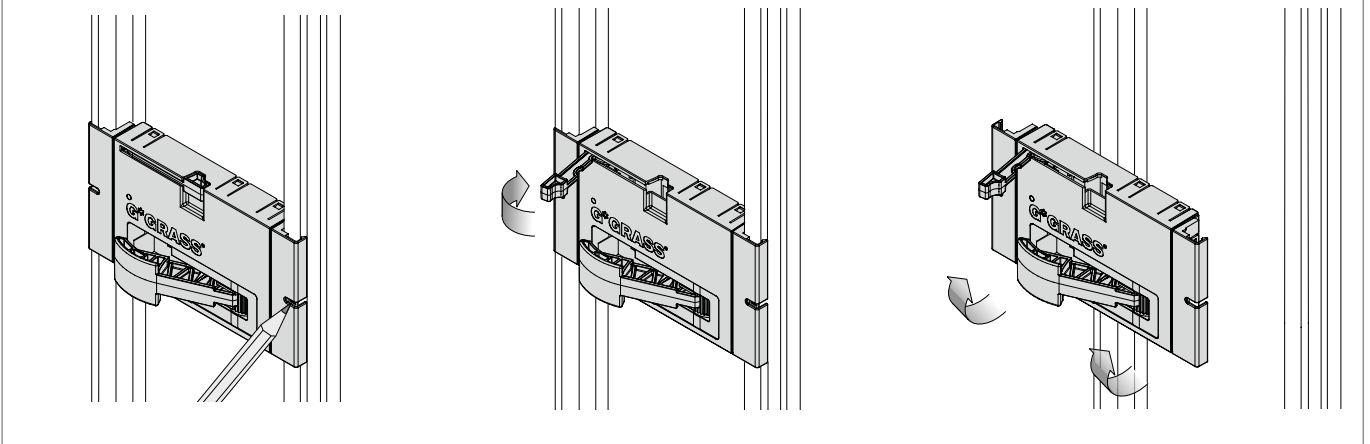
SYNK Synchronisation cable
TL Length of frame side

NOVA PRO SENSOMATIC

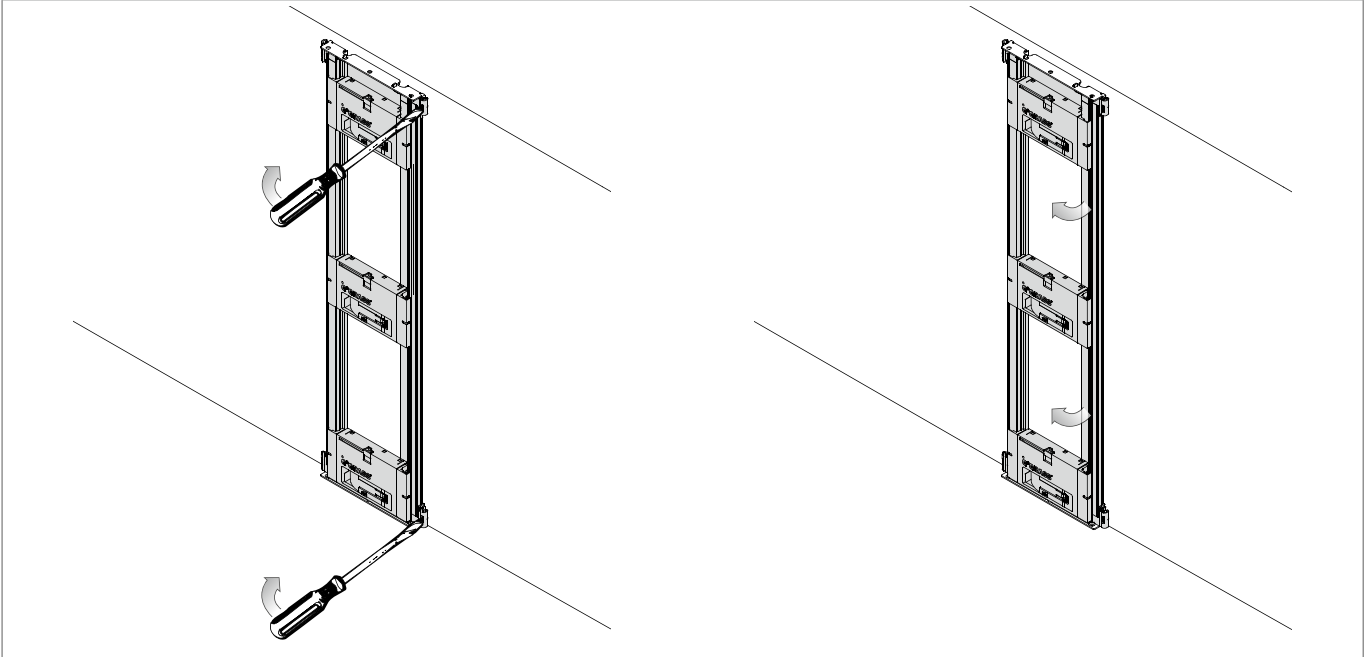
Dismantling instructions

DISMOUNTING

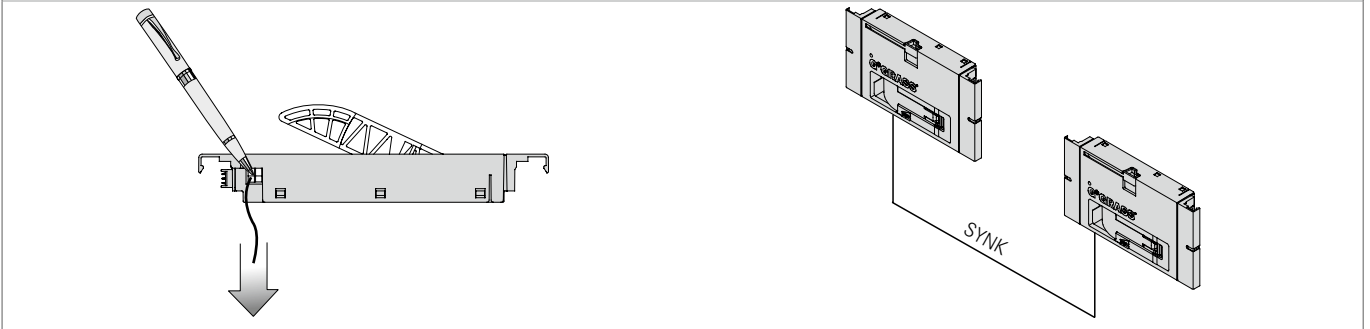
Dismantling the drive unit



Dismantling the frame sides



Dismantling the synchronisation cable

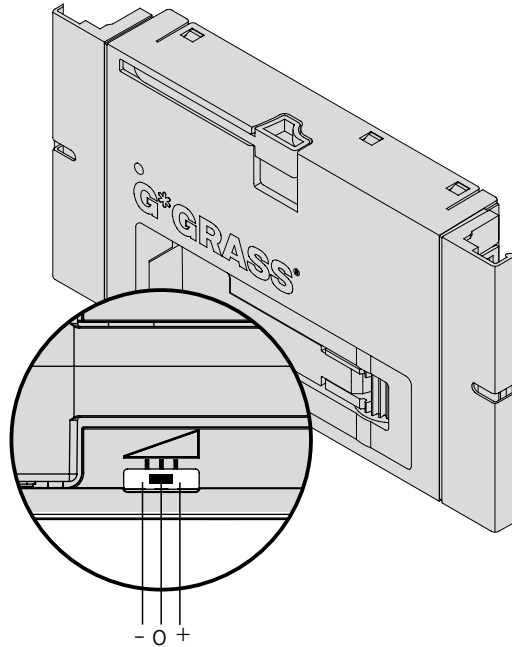


PAGE REFERENCES

Horizontal wooden stretcher	80	Back panel frame set mounting	86	Drawer sides	13
Vertical wooden stretcher	82	Bottom panel frame set mounting	88	Slides	32
Overhead frame set mounting	84	Side panel frame set mounting	90	Assembly technology	122

ADJUSTMENT

Variable drive force



NOTES

- Cabinet must be level
- System must be disconnected for installation and dismantling!
- Provide switched sockets
- From a cabinet width of 1200 mm we recommend the use of two drive units. The synchronisation cable ensures simultaneous activation
- **Caution:**
Never position any screws near the drive lever on the back panel of the drawer
- Per power supply unit it is possible to operate up to 30 drive units

TECHNICAL DATA

- **Application area**
only in dry, indoor rooms
- **Power supply unit**
Power supply: 100 to 240 V
Mains frequency: 50 to 60 Hz
Max. power output: 230 W
- **Drive unit**
Power supply: 24 V
- **Operating conditions**
Temperature: 0 to 50 °C
Air humidity: 15 to 90 %
non-condensing

LEGEND

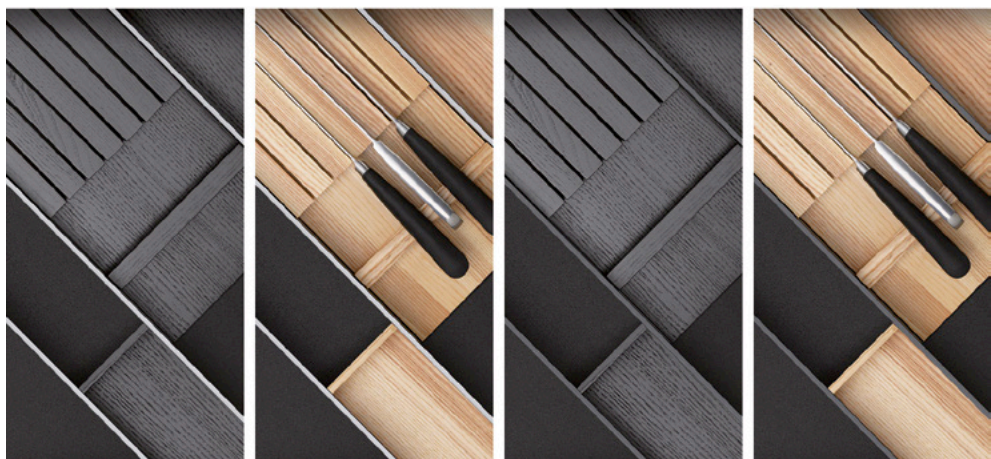
SYNK Synchronisation cable



Tavinea 91 is both:
 A unique, modular organising
 system as well as a timeless
 design object.


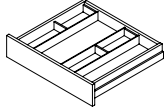

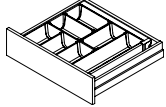

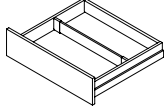
Attractive structural elements made of aluminium and wooden flexible inserts divide the storage space of drawers and pull-outs in a particularly appealing and effective way. The velvety-soft non-slip mats roll out perfectly, quietly dampening all loads, are odour-free and washable.

**The interior accessory system
 Tavinea 91 is "Organized by GRASS".**



DIVIDING AND ORGANISING SYSTEMS

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

	Product description		Page
	<p>Tavinea 91</p> <ul style="list-style-type: none"> • Modular interior accessory system • Individual division with sliding and structural elements • For vertical or diagonal division of drawers and pull-outs 		98
	<p>Ino(x)sys for drawers</p> <ul style="list-style-type: none"> • Perfect organisation for cutlery and small items • Modular extension possible 		118
	<p>Drawer divider</p> <ul style="list-style-type: none"> • Elegant storage space organisation by dividing the drawer • Easy to fit 		120

TAVINEA 91 FOR DRAWERS

Vertical, height 55 mm, cabinet side wall S16



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Individual space organisation
- Arrangement and size of the compartments is variable
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Notes:

- Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)
- For the cabinet intermediate widths refer to the installation information (page 114)

ORDER INFORMATION S16

1 Tavinea 91, KB 450						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108044	201	F007101931	201	F007108100	201
Aluminium Stone / Dark ash	F007108058	201	F007101971	201	F007108114	201
Aluminium Silver grey / Light ash	F007108072	201	F007102010	201	F007108128	201
Aluminium Silver grey / Dark ash	F007108086	201	F007102030	201	F007108142	201

Minimum order: 30 units

2 Tavinea 91, KB 600						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108045	201	F007101933	201	F007108101	201
Aluminium Stone / Dark ash	F007108059	201	F007101973	201	F007108115	201
Aluminium Silver grey / Light ash	F007108073	201	F007102011	201	F007108129	201
Aluminium Silver grey / Dark ash	F007108087	201	F007102031	201	F007108143	201

Minimum order: 30 units

3 Tavinea 91, KB 900						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108046	201	F007108512	201	F007108102	201
Aluminium Stone / Dark ash	F007108060	201	F007108516	201	F007108116	201
Aluminium Silver grey / Light ash	F007108074	201	F007108520	201	F007108130	201
Aluminium Silver grey / Dark ash	F007108088	201	F007108524	201	F007108144	201

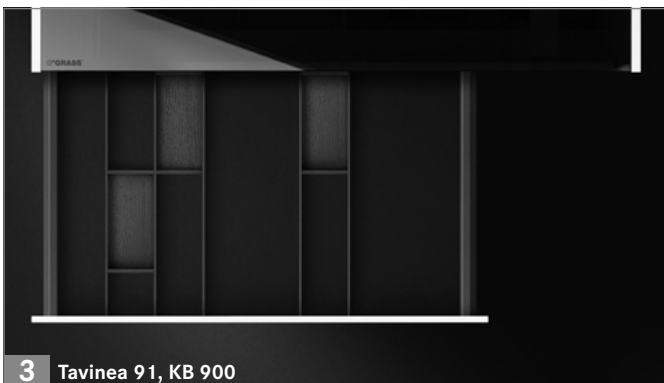
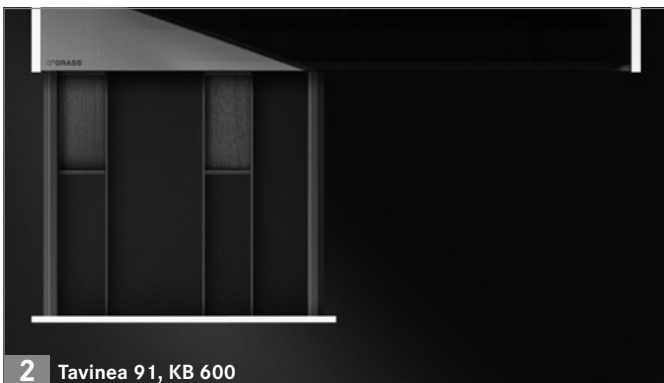
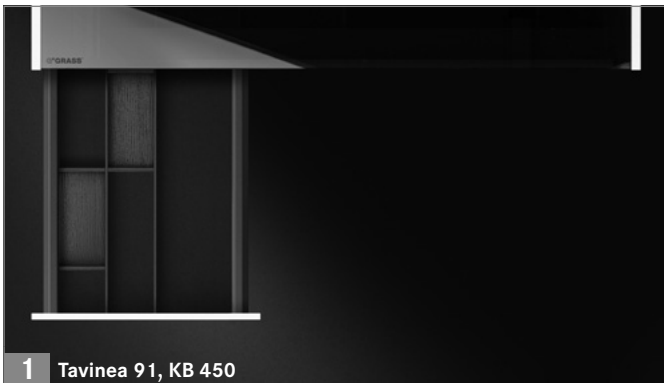
Minimum order: 15 units

4 Tavinea 91, KB 1200						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108047	201	F007108513	201	F007108103	201
Aluminium Stone / Dark ash	F007108061	201	F007108517	201	F007108117	201
Aluminium Silver grey / Light ash	F007108075	201	F007108521	201	F007108131	201
Aluminium Silver grey / Dark ash	F007108089	201	F007108525	201	F007108145	201

Minimum order: 15 units

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Installation information	114
Slides	32	Designer panels	60	Assembly technology	122
Inset panels	44	Sensomatic	75	Packaging code	131



LEGEND

KB	Cabinet width		
NL	Nominal length		
S	Cabinet side wall		

TAVINEA 91 FOR DRAWERS

Vertical, height 55 mm, cabinet side wall S18/S19



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Individual space organisation
- Arrangement and size of the compartments is variable
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Notes:

- Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)
- For the cabinet intermediate widths refer to the installation information (page 114)

ORDER INFORMATION S18/S19

1 Tavinea 91, KB 450						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108037	201	F007101911	201	F007108093	201
Aluminium Stone / Dark ash	F007108051	201	F007101951	201	F007108107	201
Aluminium Silver grey / Light ash	F007108065	201	F007102000	201	F007108121	201
Aluminium Silver grey / Dark ash	F007108079	201	F007102020	201	F007108135	201

Minimum order: 30 units

2 Tavinea 91, KB 600						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108038	201	F007101913	201	F007108094	201
Aluminium Stone / Dark ash	F007108052	201	F007101953	201	F007108108	201
Aluminium Silver grey / Light ash	F007108066	201	F007102001	201	F007108122	201
Aluminium Silver grey / Dark ash	F007108080	201	F007102021	201	F007108136	201

Minimum order: 30 units

3 Tavinea 91, KB 900						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108039	201	F007108510	201	F007108095	201
Aluminium Stone / Dark ash	F007108053	201	F007108514	201	F007108109	201
Aluminium Silver grey / Light ash	F007108067	201	F007108518	201	F007108123	201
Aluminium Silver grey / Dark ash	F007108081	201	F007108522	201	F007108137	201

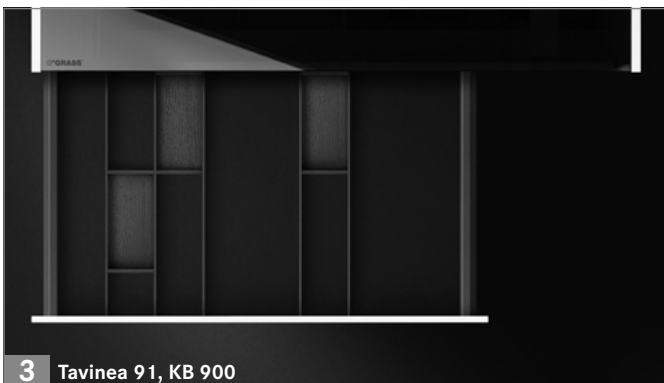
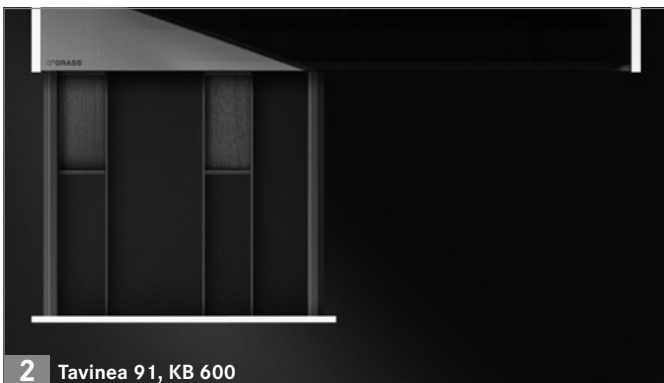
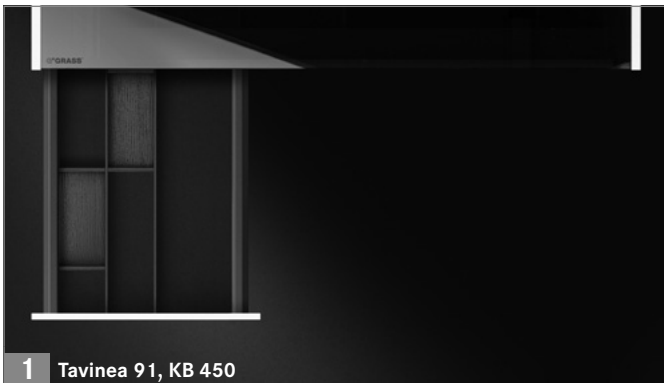
Minimum order: 15 units

4 Tavinea 91, KB 1200						
Material	NL 450	PU	NL 500	PU	NL 550	PU
Aluminium Stone / Light ash	F007108040	201	F007108511	201	F007108096	201
Aluminium Stone / Dark ash	F007108054	201	F007108515	201	F007108110	201
Aluminium Silver grey / Light ash	F007108068	201	F007108519	201	F007108124	201
Aluminium Silver grey / Dark ash	F007108082	201	F007108523	201	F007108138	201

Minimum order: 15 units

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Installation information	114
Slides	32	Designer panels	60	Assembly technology	122
Inset panels	44	Sensomatic	75	Packaging code	131



LEGEND

KB	Cabinet width		
NL	Nominal length		
S	Cabinet side wall		

TAVINEA 91 ACCESSORIES

Vertical, height 55 mm



- The right accessories for all requirements
- Knives, herb and spice containers, rolls of foil, cutlery or eau de toilette – everything is perfectly stored with the Tavinea 91 accessories
- High-quality materials: Aluminium and solid wood
- Coordinated to the respective nominal length
- Colour coordinated

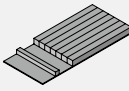
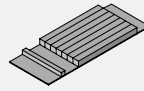
Packaging unit (PU):

201 = 1 item in a cardboard box

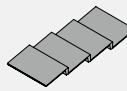
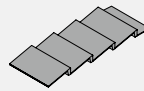
Note:

Accessories are hygiene tested and non-toxic

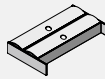
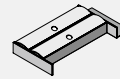
ORDER INFORMATION

1 Knife block, KB 600/900/1200						
Material	NL 450	PU	NL 500	PU	NL 550 ¹	PU
Light ash	F007108657	201	F007101990	201	F007101990 F007108659	201
Dark ash	F007108658	201	F007101995	201	F007101995 F007108660	201


¹ NL 550 comprises a knife block and levelling element. Please order both article numbers.

2 Spice rack, KB 600/900/1200						
Material	NL 450	PU	NL 500	PU	NL 550 ¹	PU
Light ash			F007101992	201	F007101992 F007108659	201
Dark ash			F007101997	201	F007101997 F007108660	201

¹ NL 550 comprises a spice rack and levelling element. Please order both article numbers.

3 Foil holder, KB 600/900/1200						
Material	NL 450	PU	NL 500	PU	NL 550 ¹	PU
Light ash	F007101994	201	F007101994	201	F007101994 F007108659	201
Dark ash	F007101999	201	F007101999	201	F007101999 F007108660	201

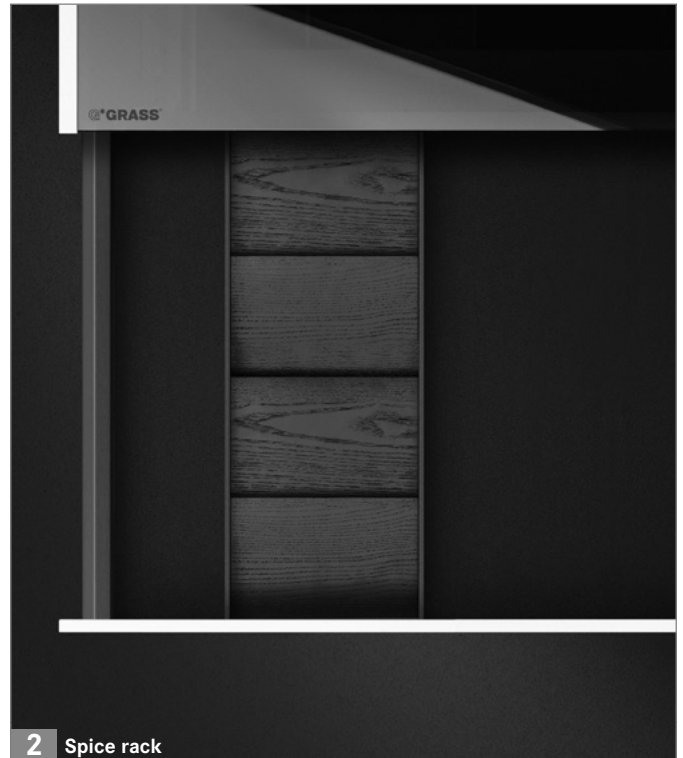
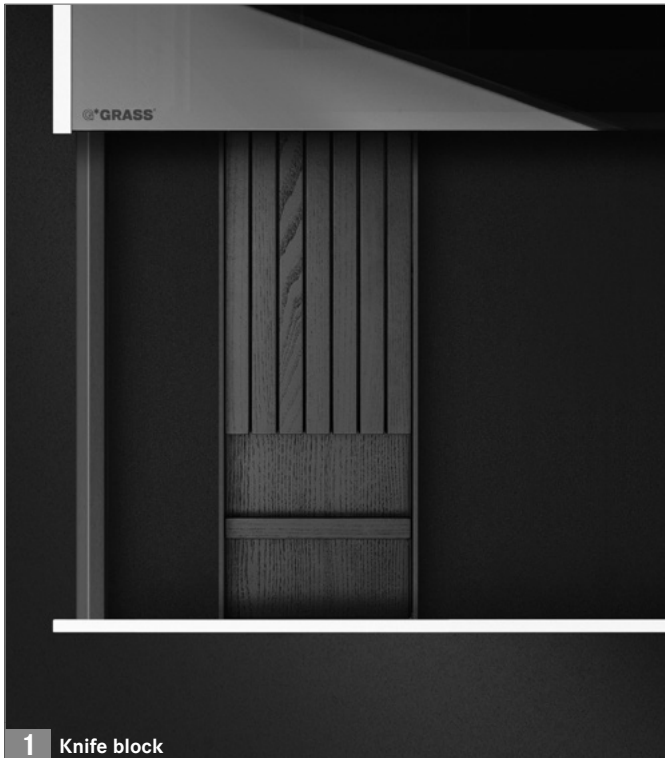
¹ NL 550 comprises a foil holder and levelling element. Please order both article numbers.

4 Double square, KB 600/900/1200					
Material	Item No.	PU			
Light ash	F007102423	201			
Dark ash	F007102429	201			

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131

APPLICATION EXAMPLES



LEGEND

KB Cabinet width
NL Nominal length

TAVINEA 91 FOR DRAWERS

Vertical, height 110 mm, cabinet side wall S16



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Individual space organisation
- Arrangement and size of the compartments is variable
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Notes:

- Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)
- For the cabinet intermediate widths refer to the installation information (page 116)

ORDER INFORMATION S16

1 Tavinea 91, KB 600

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108048	201	F007101939	201		
Aluminium Stone / Dark ash	F007108062	201	F007101979	201		
Aluminium Silver grey / Light ash	F007108076	201	F007102014	201		
Aluminium Silver grey / Dark ash	F007108090	201	F007102034	201		

Minimum order: 16 units

2 Tavinea 91, KB 900

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108049	201	F007101941	201		
Aluminium Stone / Dark ash	F007108063	201	F007101981	201		
Aluminium Silver grey / Light ash	F007108077	201	F007102015	201		
Aluminium Silver grey / Dark ash	F007108091	201	F007102035	201		

Minimum order: 16 units

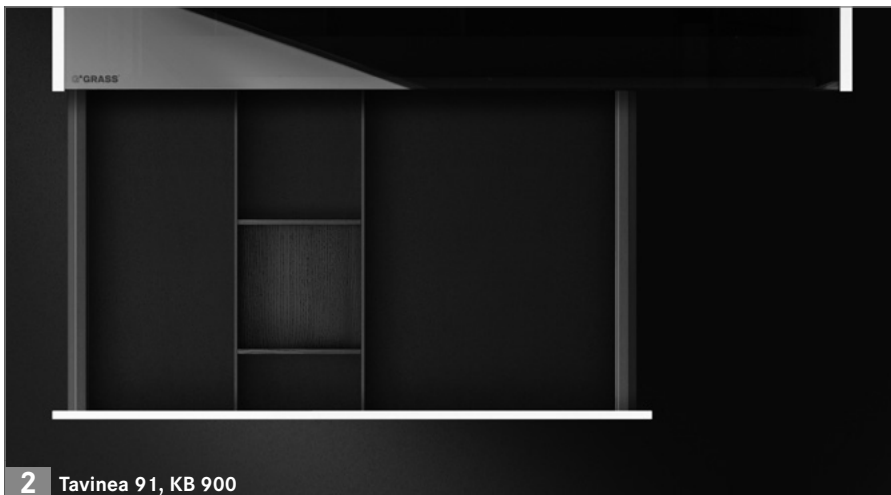
3 Tavinea 91, KB 1200

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108050	201	F007101943	201		
Aluminium Stone / Dark ash	F007108064	201	F007101983	201		
Aluminium Silver grey / Light ash	F007108078	201	F007102016	201		
Aluminium Silver grey / Dark ash	F007108092	201	F007102036	201		

Minimum order: 16 units

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Installation information	116
Slides	32	Designer panels	60	Assembly technology	122
Inset panels	44	Sensomatic	75	Packaging code	131



LEGEND

KB Cabinet width
NL Nominal length
S Cabinet side wall

TAVINEA 91 FOR DRAWERS

Vertical, height 110 mm, cabinet side wall S18/S19



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Individual space organisation
- Arrangement and size of the compartments is variable
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Notes:

- Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)
- For the cabinet intermediate widths refer to the installation information (page 116)

ORDER INFORMATION S18/S19

1 Tavinea 91, KB 600

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108041	201	F007101919	201		
Aluminium Stone / Dark ash	F007108055	201	F007101959	201		
Aluminium Silver grey / Light ash	F007108069	201	F007102004	201		
Aluminium Silver grey / Dark ash	F007108083	201	F007102024	201		

Minimum order: 16 units

2 Tavinea 91, KB 900

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108042	201	F007101921	201		
Aluminium Stone / Dark ash	F007108056	201	F007101961	201		
Aluminium Silver grey / Light ash	F007108070	201	F007102005	201		
Aluminium Silver grey / Dark ash	F007108084	201	F007102025	201		

Minimum order: 16 units

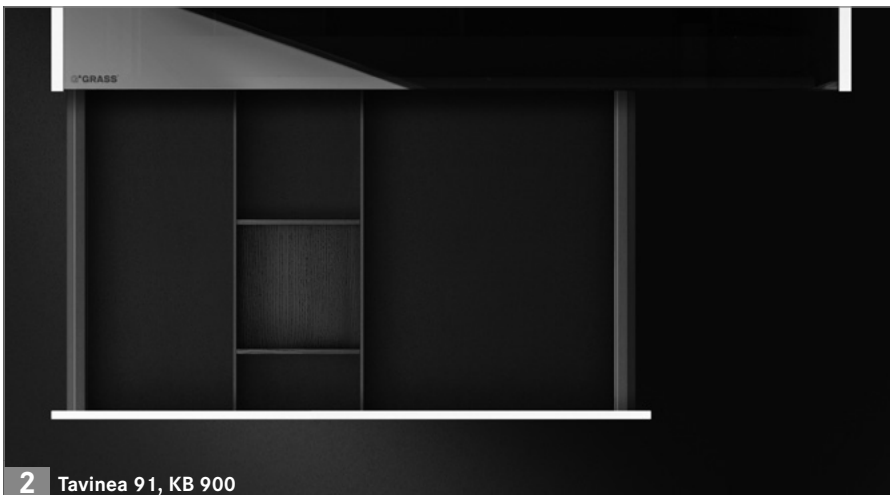
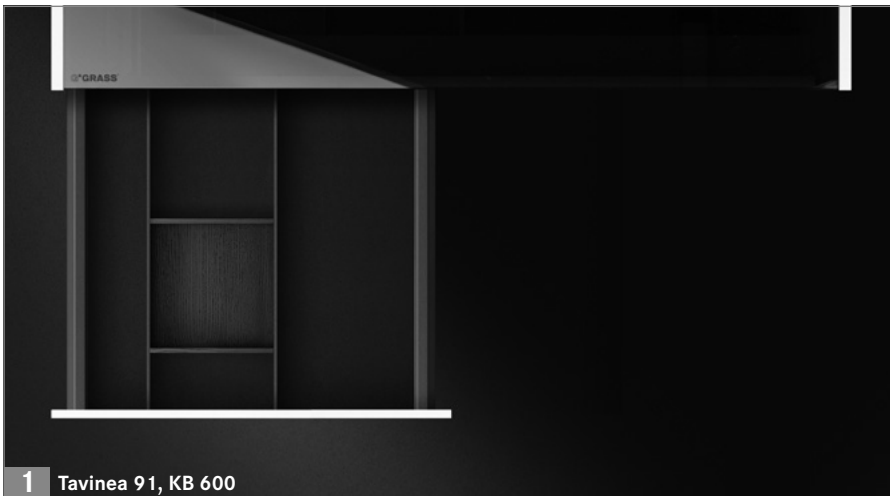
3 Tavinea 91, KB 1200

Material	NL 450	PU	NL 500	PU		
Aluminium Stone / Light ash	F007108043	201	F007101923	201		
Aluminium Stone / Dark ash	F007108057	201	F007101963	201		
Aluminium Silver grey / Light ash	F007108071	201	F007102006	201		
Aluminium Silver grey / Dark ash	F007108085	201	F007102026	201		

Minimum order: 16 units

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Installation information	116
Slides	32	Designer panels	60	Assembly technology	122
Inset panels	44	Sensomatic	75	Packaging code	131

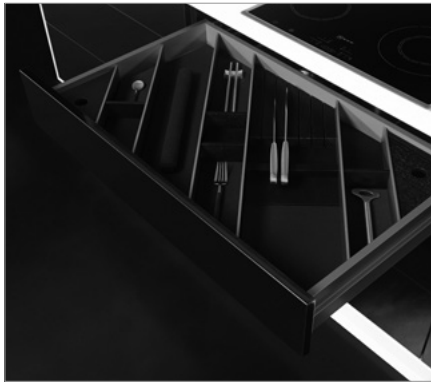


LEGEND

KB	Cabinet width	
NL	Nominal length	
S	Cabinet side wall	

TAVINEA 91 FOR DRAWERS

Diagonal, height 55 mm, cabinet side wall S16



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Ergonomically ideal space organisation
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Note:

Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)

ORDER INFORMATION S16

1 Tavinea 91, KB 600					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101945	201	
Aluminium Stone / Dark ash			F007101985	201	
Aluminium Silver grey / Light ash			F007102017	201	
Aluminium Silver grey / Dark ash			F007102037	201	

Minimum order: 30 units

2 Tavinea 91, KB 900					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101947	201	
Aluminium Stone / Dark ash			F007101987	201	
Aluminium Silver grey / Light ash			F007102018	201	
Aluminium Silver grey / Dark ash			F007102038	201	

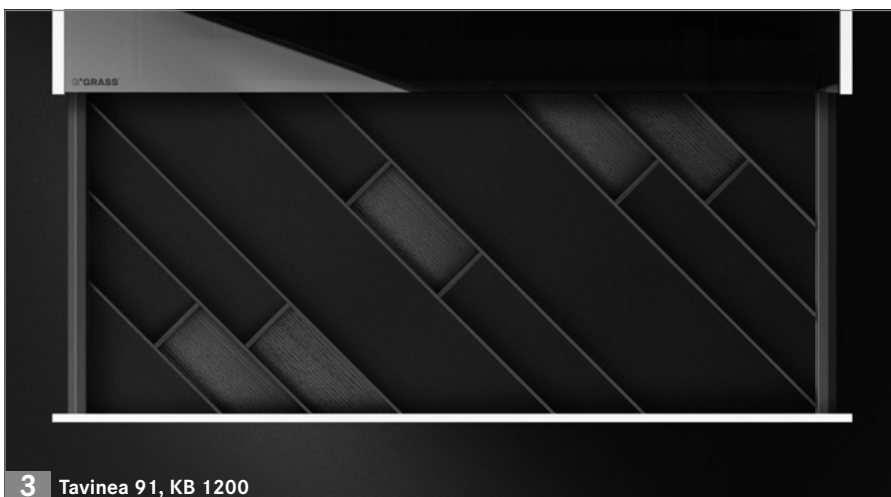
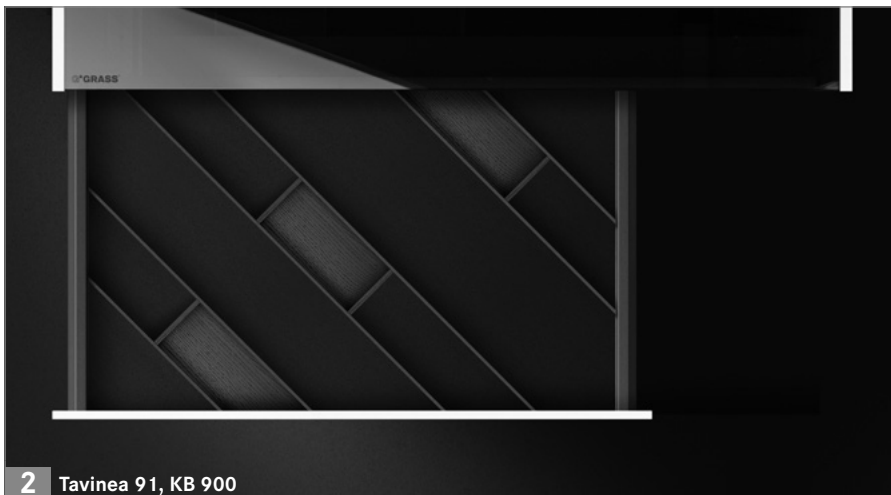
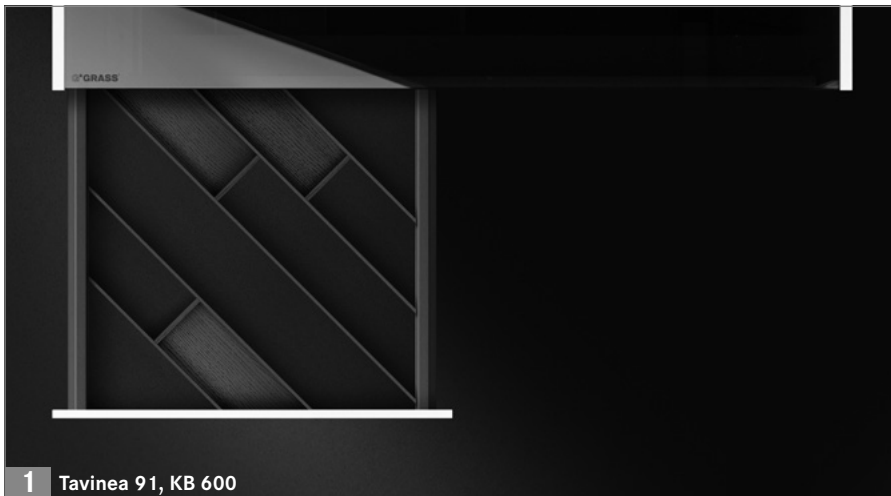
Minimum order: 15 units

3 Tavinea 91, KB 1200					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101949	201	
Aluminium Stone / Dark ash			F007101989	201	
Aluminium Silver grey / Light ash			F007102019	201	
Aluminium Silver grey / Dark ash			F007102039	201	

Minimum order: 15 units

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131



LEGEND

KB	Cabinet width
NL	Nominal length
S	Cabinet side wall

TAVINEA 91 FOR DRAWERS

Diagonal, height 55 mm, cabinet side wall S18/S19



- Modular system for drawers in offices, kitchens, bathrooms and living areas
- Timeless, puristic design – without grooves, edges or holes
- Ergonomically ideal space organisation
- High-quality materials: Aluminium and solid wood
- Unique non-slip mats for firm grip and silent storage

Packaging unit (PU):

201 = 1 item in a cardboard box

Note:

Non-slip mats are hygiene tested, non-toxic and easy to clean (washable)

ORDER INFORMATION S18/S19

1 Tavinea 91, KB 600					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101925	201	
Aluminium Stone / Dark ash			F007101965	201	
Aluminium Silver grey / Light ash			F007102007	201	
Aluminium Silver grey / Dark ash			F007102027	201	

Minimum order: 30 units

2 Tavinea 91, KB 900					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101927	201	
Aluminium Stone / Dark ash			F007101967	201	
Aluminium Silver grey / Light ash			F007102008	201	
Aluminium Silver grey / Dark ash			F007102028	201	

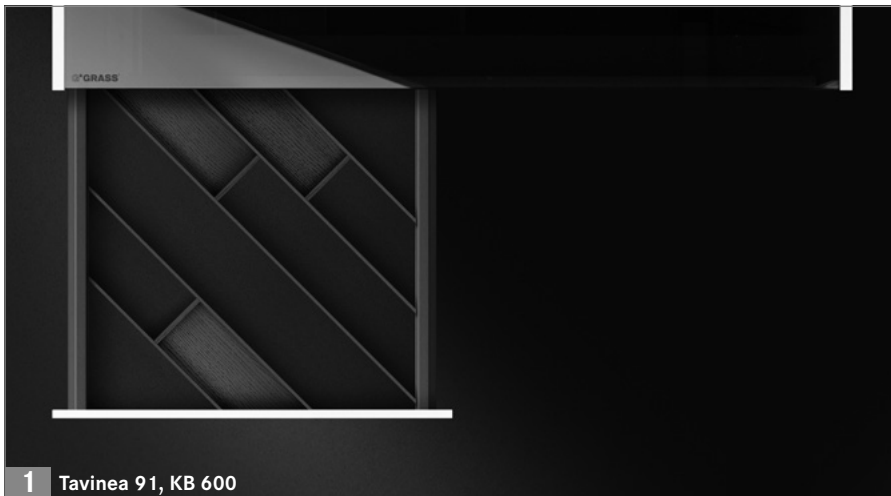
Minimum order: 15 units

3 Tavinea 91, KB 1200					
Material			NL 500	PU	
Aluminium Stone / Light ash			F007101929	201	
Aluminium Stone / Dark ash			F007101969	201	
Aluminium Silver grey / Light ash			F007102009	201	
Aluminium Silver grey / Dark ash			F007102029	201	

Minimum order: 15 units

PAGE REFERENCES

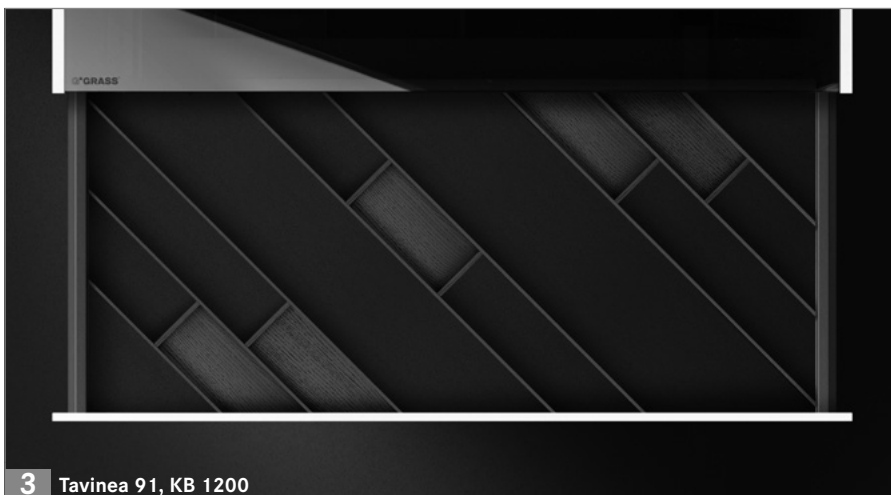
Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131



1 Tavinea 91, KB 600



2 Tavinea 91, KB 900



3 Tavinea 91, KB 1200

LEGEND

KB Cabinet width
NL Nominal length
S Cabinet side wall

TAVINEA 91 ACCESSORIES

Diagonal, height 55 mm



- The right accessories for all requirements
- Knives, herb and spice containers, rolls of foil, cutlery or eau de toilette – everything is perfectly stored with the Tavinea 91 accessories
- High-quality materials: Aluminium and solid wood
- Coordinated to the respective nominal length
- Colour coordinated

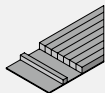
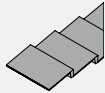
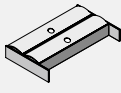

Packaging unit (PU):

201 = 1 item in a cardboard box

Note:

Accessories are hygiene tested and non-toxic

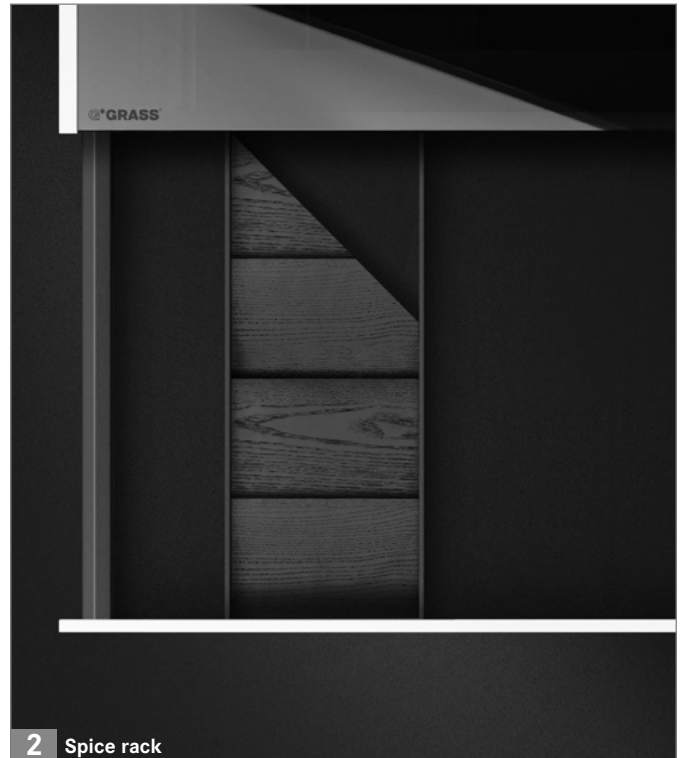
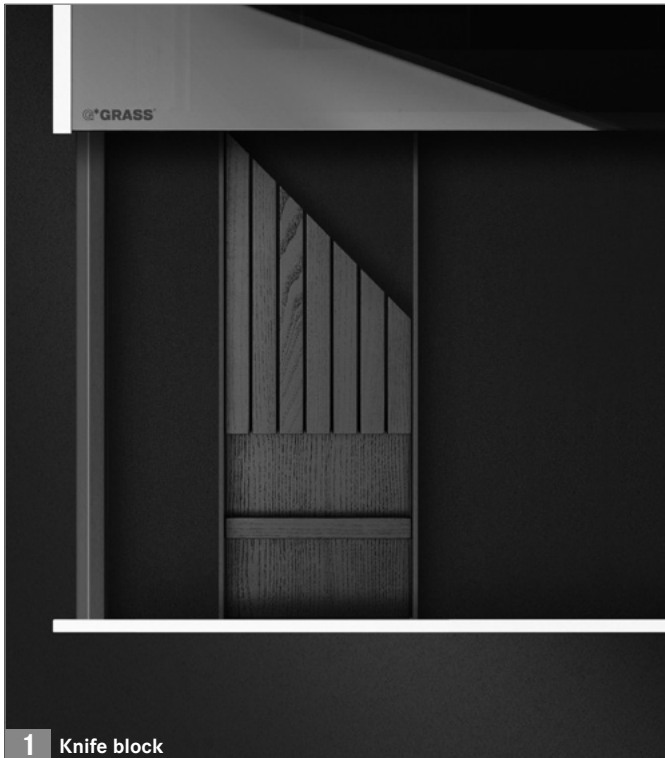
ORDER INFORMATION

1	Knife block, KB 900/1200				
Material			NL 500	PU	
	Light ash		F007102419	201	
	Dark ash		F007102425	201	
2	Spice rack, KB 900/1200				
Material			NL 500	PU	
	Light ash		F007102421	201	
	Dark ash		F007102427	201	
3	Foil holder, KB 900/1200				
Material			NL 500	PU	
	Light ash		F007101994	201	
	Dark ash		F007101999	201	
4	Double square, KB 900/1200				
Material			Item No.	PU	
	Light ash		F007102423	201	
	Dark ash		F007102429	201	

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131

APPLICATION EXAMPLES



LEGEND

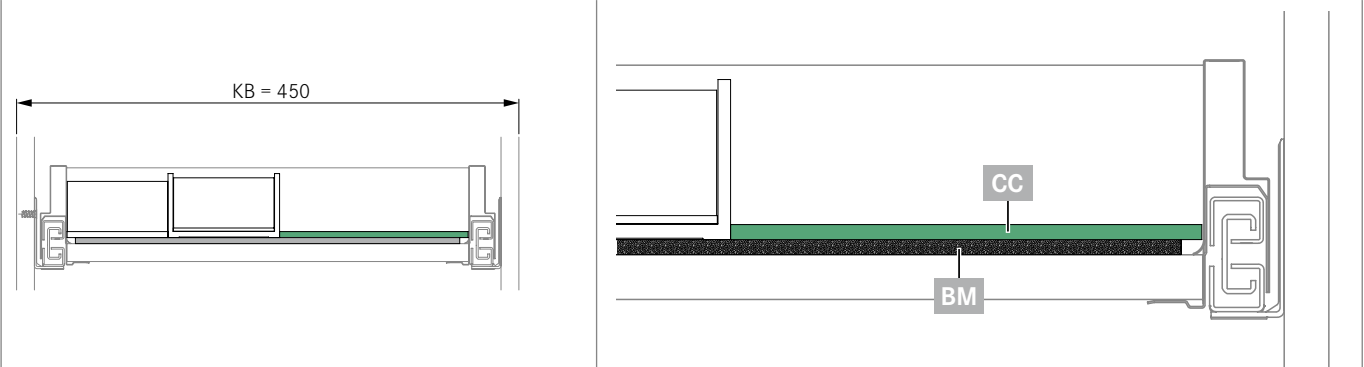
KB Cabinet width
NL Nominal length

TAVINEA 91 INSTALLATION INFORMATION

Vertical, height 55 mm

TAVINEA 91, CABINET WIDTH 450 – CAN BE CUT TO LENGTH UP TO KB 300

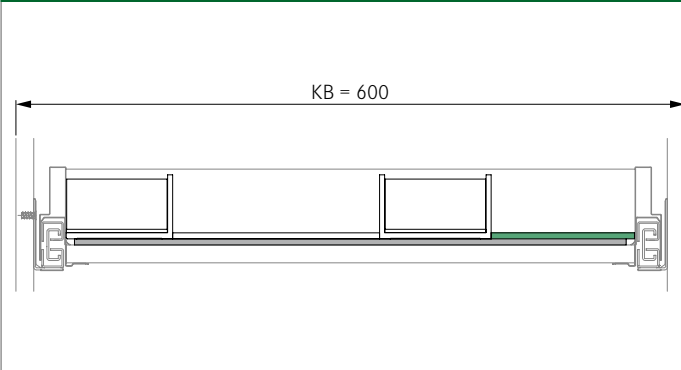
Mat cutting dimensions



Cabinet width (KB)	Mat cutting dimensions	Note: The width and depth of the Tavinea 91 KB-450 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 450 mm. For different cabinet widths – from 300 to 449 mm – the width of one of the non-slip carpets, the so-called customised carpet (CC), and the base mat (BM) must be shortened or cut to size (refer to the table on the left).
450 mm	-	
400 mm	- 50 mm	
350 mm	- 100 mm	
300 mm	- 150 mm	

TAVINEA 91, CABINET WIDTH 600 – CAN BE CUT TO LENGTH UP TO KB 500

Mat cutting dimensions



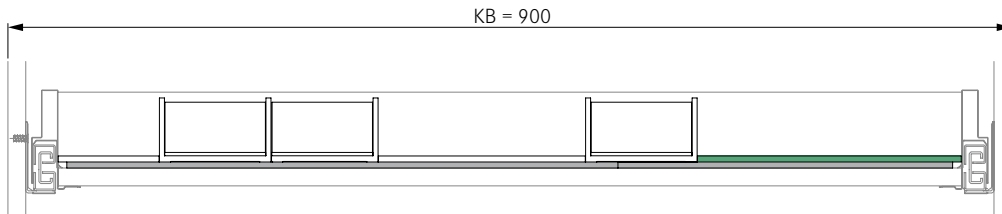
Cabinet width (KB)	Mat cutting dimensions	Note: The width and depth of the Tavinea 91 KB-600 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 600 mm. For different cabinet widths – from 500 to 599 mm – the width of one of the non-slip carpets, the so-called customised carpet (CC), and the base mat (BM) must be shortened or cut to size (refer to the table on the left).
600 mm	-	
550 mm	- 50 mm	
500 mm	- 100 mm	

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131

TAVINEA 91, CABINET WIDTH 900 – CAN BE CUT TO LENGTH UP TO KB 650

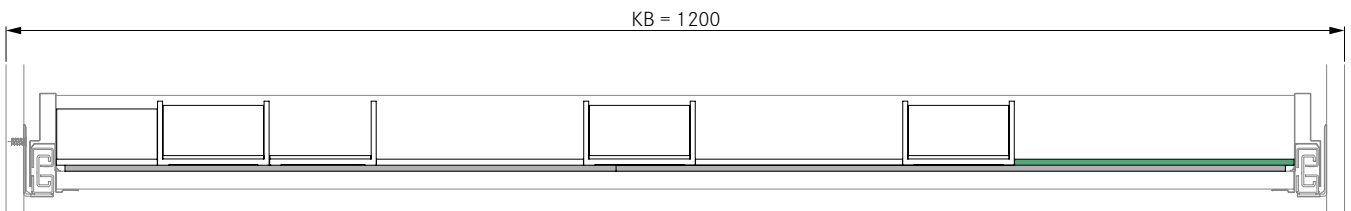
Mat cutting dimensions



Cabinet width (KB)	Mat cutting dimensions	Note: The width and depth of the Tavinea 91 KB-900 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 900 mm. For different cabinet widths – from 650 to 899 mm – the width of one of the non-slip carpets, the so-called customised carpet (CC), and the base mat (BM) must be shortened or cut to size (refer to the table on the left).
900 mm	-	
850 mm	- 50 mm	
800 mm	- 100 mm	
750 mm	- 150 mm	
700 mm	- 200 mm	
650 mm	- 250 mm	

TAVINEA 91, CABINET WIDTH 1200 – CAN BE CUT TO LENGTH UP TO KB 950

Mat cutting dimensions



Cabinet width (KB)	Mat cutting dimensions	Note: The width and depth of the Tavinea 91 KB-1200 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 1200 mm. For different cabinet widths – from 950 to 1199 mm – the width of one of the non-slip carpets, the so-called customised carpet (CC), and the base mat (BM) must be shortened or cut to size (refer to the table on the left).
1200 mm	-	
1150 mm	- 50 mm	
1100 mm	- 100 mm	
1050 mm	- 150 mm	
1000 mm	- 200 mm	
950 mm	- 250 mm	

LEGEND

BM Base mat
CC Customised carpet
KB Cabinet width

TAVINEA 91 INSTALLATION INFORMATION

Vertical, height 110 mm

TAVINEA 91, CABINET WIDTH 600 – CAN BE CUT TO LENGTH UP TO KB 300

Mat cutting dimensions

Cabinet width (KB)	Mat cutting dimensions
600 mm	-
550 mm	- 50 mm
500 mm	- 100 mm
450 mm	- 150 mm
400 mm	- 200 mm
350 mm	- 250 mm
300 mm	- 300 mm

Note:
The width and depth of the Tavinea 91 KB-600 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 600 mm. For different cabinet widths – from 300 to 599 mm – the width of the so-called customised carpet (CC) must be reduced or cut to size (refer to the table on the left).

TAVINEA 91, CABINET WIDTH 900 – CAN BE CUT TO LENGTH UP TO KB 650

Mat cutting dimensions

Cabinet width (KB)	Mat cutting dimensions
900 mm	-
850 mm	- 50 mm
800 mm	- 100 mm
750 mm	- 150 mm
700 mm	- 200 mm
650 mm	- 250 mm

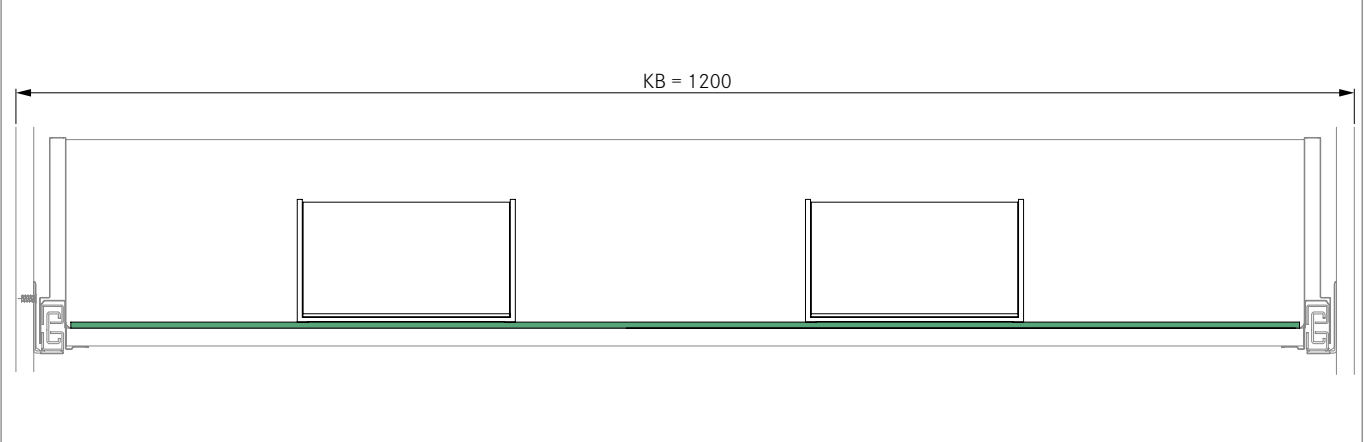
Note:
The width and depth of the Tavinea 91 KB-900 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 900 mm. For different cabinet widths – from 650 to 899 mm – the width of the so-called customised carpet (CC) must be reduced or cut to size (refer to the table on the left).

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131

TAVINEA 91, CABINET WIDTH 1200 – CAN BE CUT TO LENGTH UP TO KB 950

Mat cutting dimensions



Cabinet width (KB)	Mat cutting dimensions	Note: The width and depth of the Tavinea 91 KB-1200 set are exactly coordinated with the NOVA PRO SCALA drawers with a cabinet width (KB) of 1200 mm. For different cabinet widths – from 950 to 1199 mm – the width of the so-called customised carpet (CC) must be reduced or cut to size (refer to the table on the left).
1200 mm	-	
1150 mm	- 50 mm	
1100 mm	- 100 mm	
1050 mm	- 150 mm	
1000 mm	- 200 mm	
950 mm	- 250 mm	

LEGEND

CC Customised carpet
KB Cabinet width

INO(X)SYS FOR DRAWERS

Organising system



- Perfect organisation for cutlery and small items
- High-quality stainless steel trays
- Modular extension possible
- LGA certified
- Colour coordinated plastic parts

Packaging unit (PU):

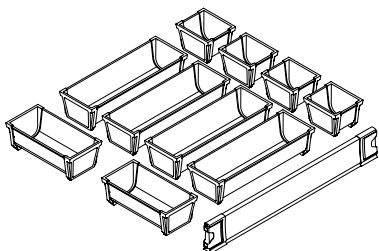
201 = 1 item in a cardboard box

Note:

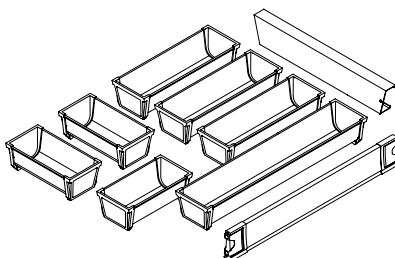
Hygiene tested, non-toxic and dishwasher safe

ORDER INFORMATION

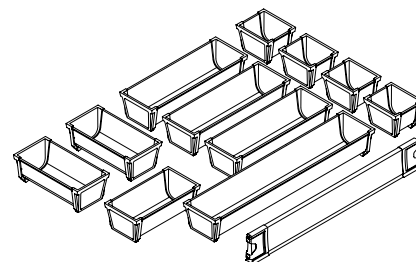
1 Ino(x)sys 450/B4 from cabinet width 500 Set													
NL	Stone			Ice			Silver						
	Item No.	PU		Item No.	PU		Item No.	PU					
450	F102108489	201		F102108492	201		F102066515	201					
2 Ino(x)sys 500/B4 from cabinet width 500 Set													
NL	Stone			Ice			Silver						
	Item No.	PU		Item No.	PU		Item No.	PU					
500	F102108490	201		F102108493	201		F102066517	201					
3 Ino(x)sys 550/B4 from cabinet width 500 Set													
NL	Stone			Ice			Silver						
	Item No.	PU		Item No.	PU		Item No.	PU					
550	F102108491	201		F102108494	201		F102066519	201					



Ino(x)sys 450



Ino(x)sys 500



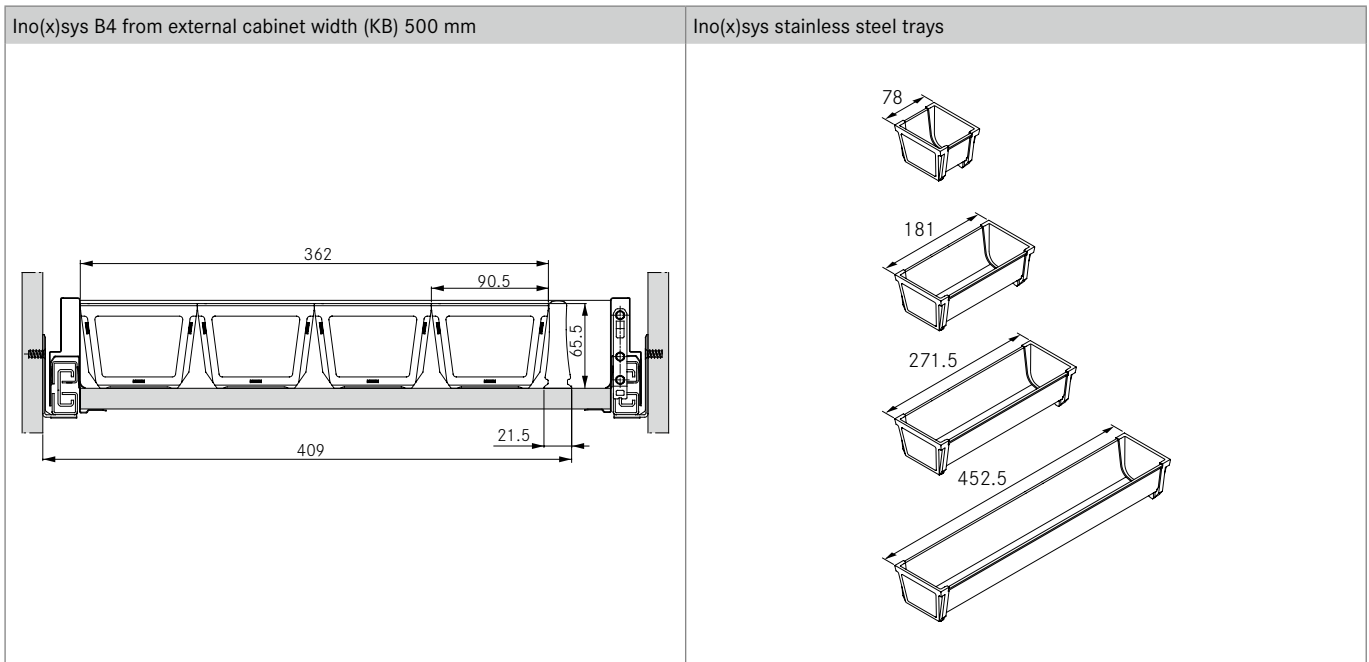
Ino(x)sys 550

PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
Slides	32	Designer panels	60	Assembly aids	126
Inset panels	44	Sensomatic	75	Packaging code	131

PLANNING DIMENSIONS

All dimensions in millimetres

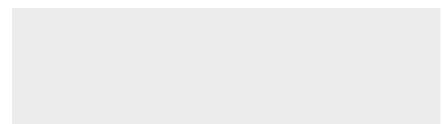
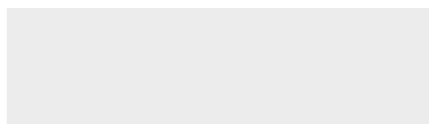


NOTE



LEGEND

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



DRAWER DIVIDER

Dividing system



- Elegant storage space organisation by dividing the drawer
- Compensation of the cabinet side thickness with flexible clamping elements
- Aluminium profiles for cutting to length
- Easy to fit
- Tool-free adjustment
- Can be retrofitted at any time
- Colour coordinated

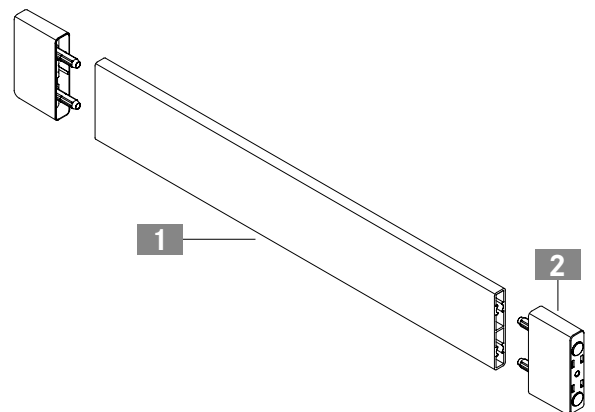
Packaging unit (PU):

207 = 10 items in a cardboard box

211 = 20 items in a cardboard box

ORDER INFORMATION

1 Drawer divider aluminium profile, L = 1185 mm Single item: For cutting to length														
L	Stone				Ice				Silver					
	Item No.	PU			Item No.	PU			Item No.	PU				
1185	F102102943	207			F102102944	207			F102102945	207				
2 Clamping unit Single item: Can be used on left/right														
	Stone				Ice				Silver					
	Item No.	PU			Item No.	PU			Item No.	PU				
	F102102932	211			F102102947	211			F102102948	211				

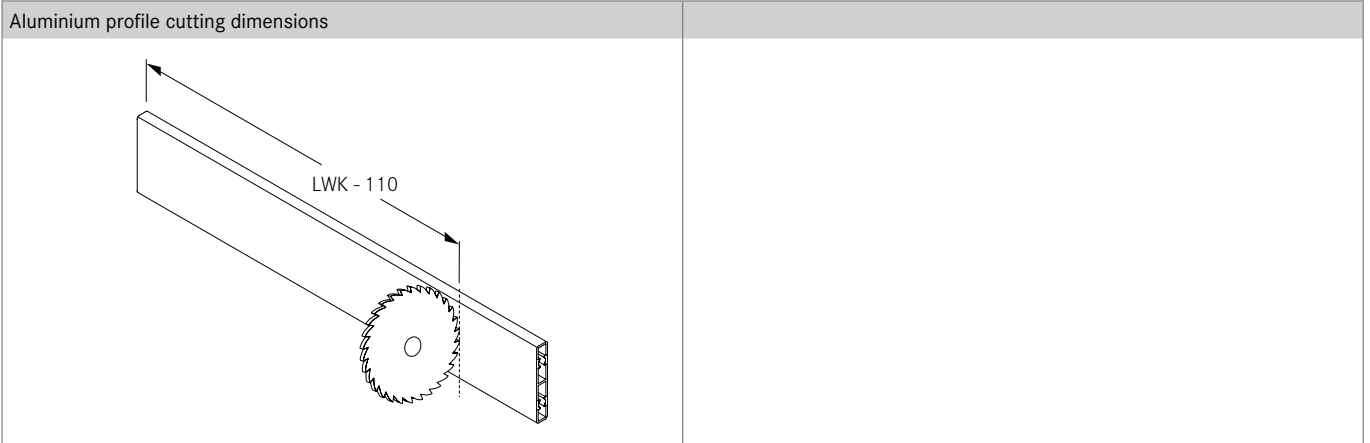
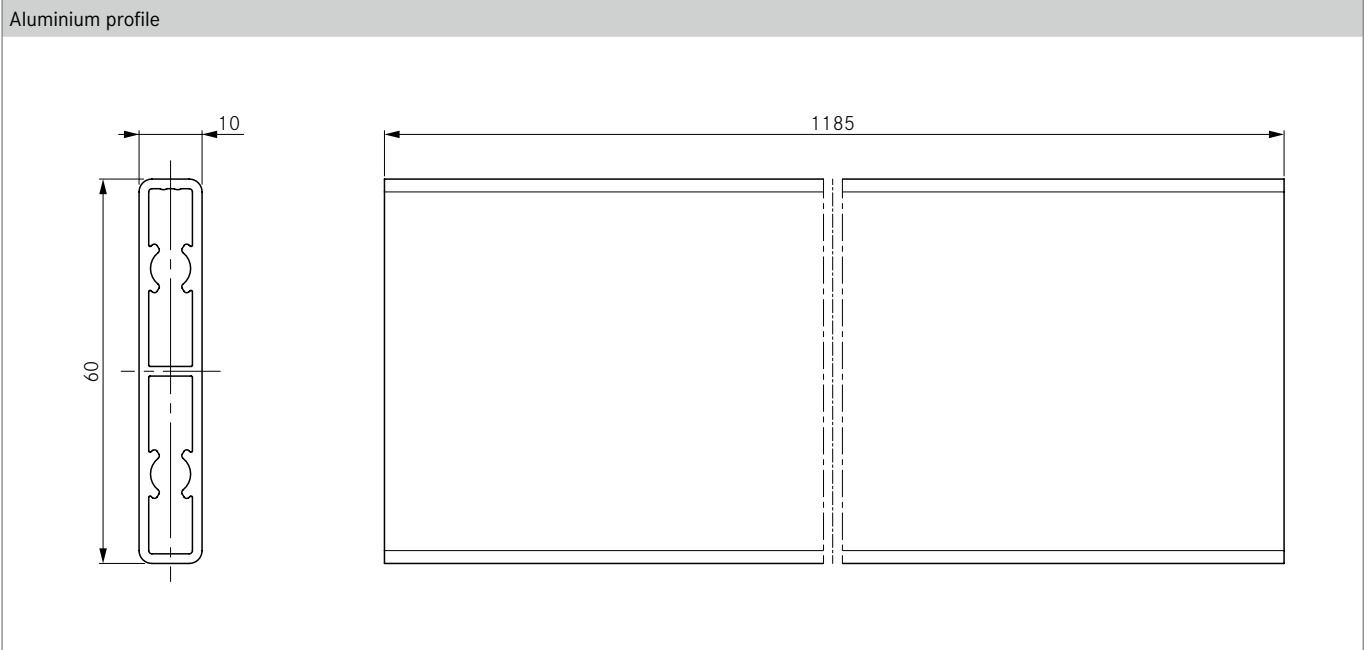


PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Assembly technology	122
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Inset panels	44	Sensomatic	75	Packaging code	131

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

L	Length
LWK	Inside cabinet width

TECMATOR ZP-4N

Industrial production of Nova Pro drawers and pot drawers



- Suitable for press fitting Nova Pro drawers with wooden or steel back panels
- Easy and straightforward handling of the individual parts on the machine
- Sturdy frame construction
- For large series production
- Any required drawer width can be set
- Adjustment with pneumatic clamping
- Fast operating sequences

Standard equipment:

- Insertion cylinder for all slide lengths
- 7 reset stops (50 mm spacing)
- 4 stop for back panel height (can be used on left/right)

Note:

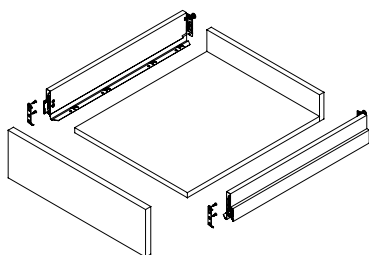
- The standard equipment does not include any press-in brackets. Available as accessories!

ORDER INFORMATION

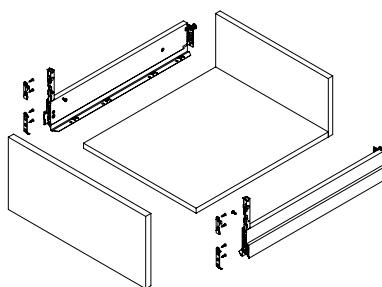
Designation	B	Reset stops	Item No.	PU
Tecmator ZP-4N, type 1.2 m	max. 1.20 m	7	F146102461	201*

* upon request

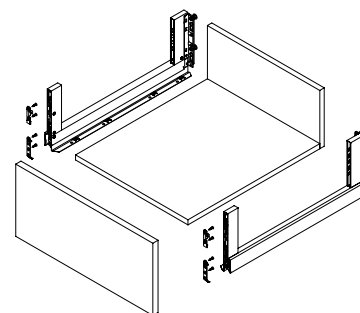
NOVA PRO SCALA H63/H90/H122/H186



NOVA PRO SCALA CRYSTAL

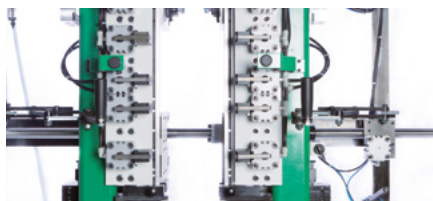


NOVA PRO SCALA CRYSTAL PLUS

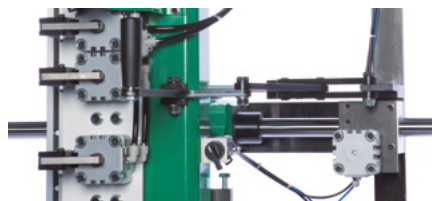


ADVANTAGES

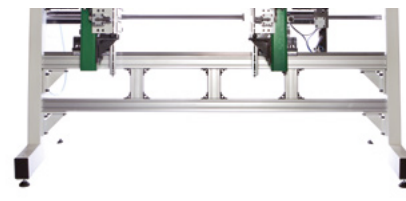
Easy width adjustment thanks to pneumatic clamping



The individual components of the machine can be easily handled



The frame structure ensures excellent stability



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
Slides	32	Designer panels	60	Organising systems	97
Inset panels	44	Accessories	62	Assembly aids	126

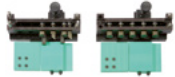

TECHNICAL DATA

Connections	
Pneumatic	6 bar dry

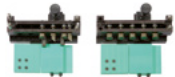

Dimensions	
Width	2.27 m
Depth	1.00 m
Height	1.95 m

Weight	
ZP-4N	420 kg




ACCESSORIES FOR WOODEN BACK PANELS

	Designation	Item No.	PU
	Press-in bracket set for Nova Pro Scala drawer sides H63, H90, H122, H186, Crystal and Crystal Plus	F146102463	201
	Stop for back panel height, 10 mm Single item: can be used on left/right	F146088918	299

ACCESSORIES FOR STEEL BACK PANELS

	Designation	Item No.	PU
	Press-in bracket set for Nova Pro Scala drawer sides H63 and H122 incl. holding devices	F146102464	201
	Press-in bracket set for Nova Pro Scala drawer sides H90, H186 and Crystal Plus incl. holding devices	F146102465	201
	Press-in bracket set for Nova Pro Scala drawer sides H90 and Crystal incl. holding devices	F146102466	201
	Pneumatic support for press fitting steel back panels	F146102467	201

ACCESSORIES FOR WOODEN AND STEEL BACK PANELS

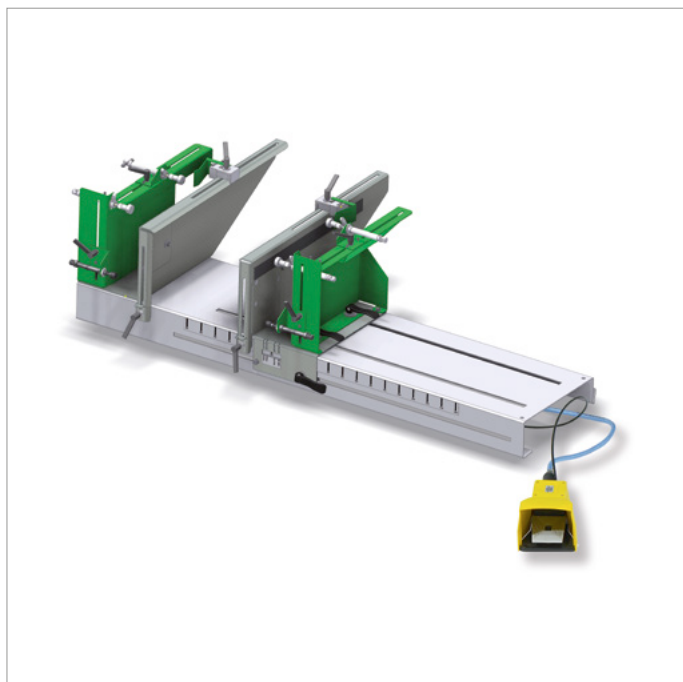
	Designation	Item No.	PU
	Reset stop for drawer, spacing 50 One reset stop required for each drawer width	F146092604	299
	Reset stop for inset drawers, intervals 25 One reset stop required for each drawer width	F146095520	299
	Holding device for Nova Pro Scala drawer sides H63, H90, H122, H186, Crystal and Crystal Plus	F146102470	201

LEGEND

B	Width		
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TECMATOR ZMV-TP4

Semi-automatic assembly of regular and pot drawers

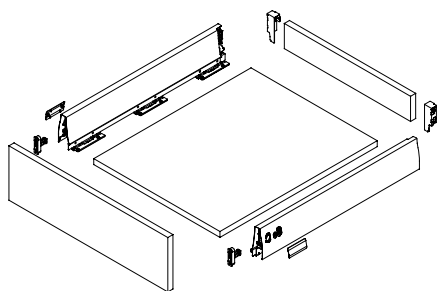


- Pneumatic table unit (up to a drawer width of 250 mm)
- Drawers with an external cabinet width of up to 1200 mm can be processed with the ZMV-TP4
- Easy and straightforward handling
- Sturdy construction
- For small series production
- Pneumatic control system
- High performance

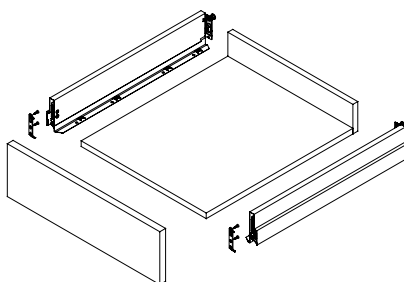
ORDER INFORMATION

Designation	Item No.	PU
Tecmator ZMV-TP4	F146108668	201

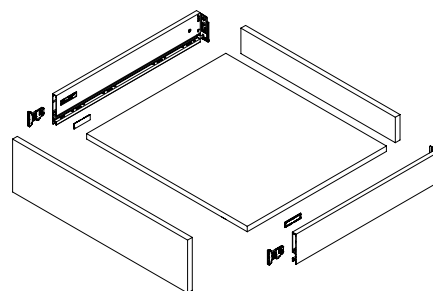
DWD XP



NOVA PRO

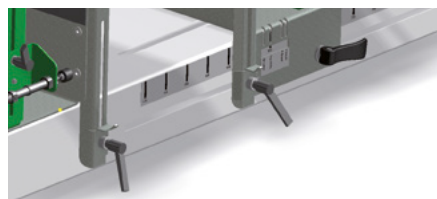


VIONARO

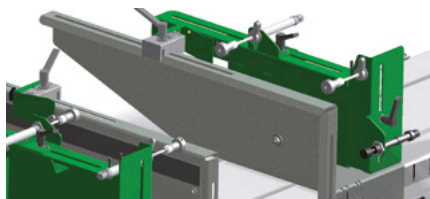


ADVANTAGES

Tool-free setting



Sturdy base frame with pneumatic closing mechanism



All GRASS drawer systems can be processed



PAGE REFERENCES

Drawer sides	13	Steel back panels	58	Sensomatic	75
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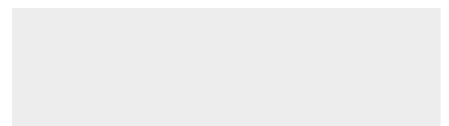
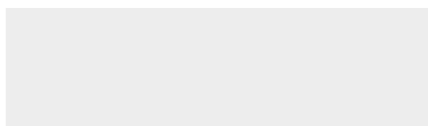
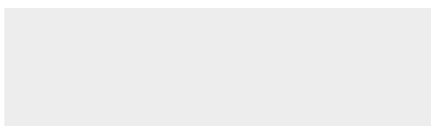
TECHNICAL DATA

Connections	
Pneumatic	6 bar

Dimensions	
Width	1.62 m
Depth	0.90 m
Height	0.5 m

Weight	
ZMV-TP4	65 kg

LEGEND



ASSEMBLY AIDS

Nova Pro Scala

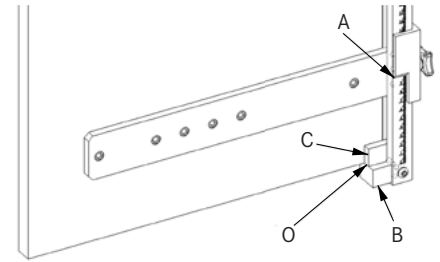


DRILLING JIG FOR CABINET MEMBER

One set includes:

- Guide rule (1x)
- Marking elements (4x)
- Stop plates B + C (1 each)

- A. Reading edge = centre of hole
 B. Stop plate for loose cabinet parts
 C. Stop plate for assembled cabinet
 O. Zero scale position



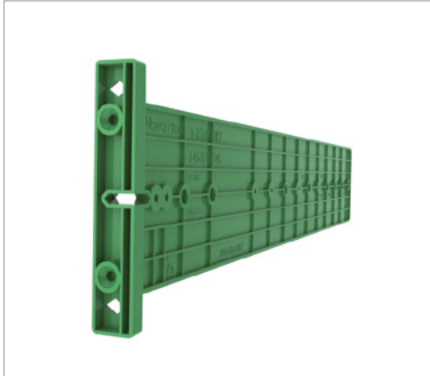
	Item No.	PU
Drilling jig	F146094730	501



INDIVIDUAL MARKING ELEMENT

For extending the drilling jig for cabinet member F146094730.

	Item No.	PU
Marking element	F146094721	299



DRILLING JIG FOR CABINET MEMBER

For use with pilot drill bit F146035692.

	Item No.	PU
Drilling jig	F146101346	507



WOOD DRILL BIT Ø 5 MM WITH STOP RING

Use for pre-drilling holes for Euro screws.

- Ø 5 mm
- Length 75 mm
- with stop ring

	Item No.	PU
Wood drill	F146092594	501

PAGE REFERENCES

Drawer sides	13
Slides	32
Inset panels	44

Steel back panels	58
Designer panels	60
Accessories	62

Sensomatic	75
Organising systems	97
Assembly technology	122



DRILLING JIG SET

Drilling jig for front-bottom connector.
For drilling the bottom panel of extra-wide drawers when using the GRASS front-bottom connector.

One set includes:

- Drilling jig (1x)
- Marking jig (1x)
- Drill bits Ø 8 mm and Ø 15 mm (1 each)
- Drilling machine bit (1x)
- Allen key 3 mm (1x)
- Allen key 4 mm (1x)



	Item No.	PU
Drilling jig set	F146094770	299
Front-bottom connector	F148026744	107
Spare drill bit Ø 8 mm	F146094755	299
Spare drill bit Ø 15 mm	F146094757	299



DRILLING JIG FOR SENSOMATIC

For pre-drilling the holes for fixing brackets at the assembled cabinet or loose bottom or top panel, for the Sensomatic system.

	Item No.	PU
Drilling jig	F146109850	299



FRONT DRILLING JIG FOR F8 INSET PANEL

For pre-drilling the F8 inset drawer front panel

	Item No.	PU
Front drilling jig	F146102908	201

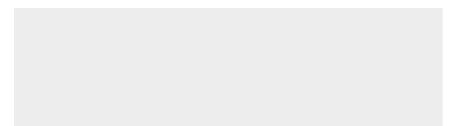
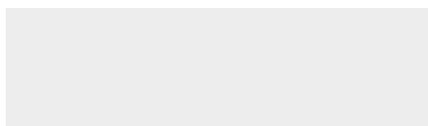
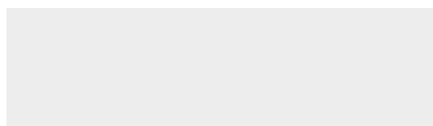


MARKING JIG SET

For exact marking of the drilled holes for the Nova Pro Scala installation hook.

	Item No.	PU
Nova Pro Scala H63	F146094036	513
Nova Pro Scala H90/H122	F146092050	513
Nova Pro Scala H186/Crystal/Crystal Plus	F146101908	513

LEGEND



ASSEMBLY AIDS

Nova Pro Scala



PUNCHING TOOL FOR INSTALLATION HOOKS

Position and knock in the installation hook for the Nova Pro Scala H63, H90, H122, H186, Crystal and Crystal Plus.

	Item No.	PU
Nova Pro Scala H63	F146094035	501
Nova Pro Scala H90/H122/H186 Crystal/Crystal Plus	F146091555	501



PUNCH-IN TOOL FRONT CLIP

Position and knock in the front clip for Nova Pro Scala H186, Crystal and Crystal Plus.

	Item No.	PU
Punch-in tool for front clip	F146102472	101



PUNCH-IN TOOL RAILING BRACKET

Position and knock in the railing bracket for press fitting for Nova Pro Scala.

	Item No.	PU
Punch-in tool for railing bracket	F146102473	101



PUNCH-IN TOOL FRONT-BOTTOM CONNECTOR

Position and knock in the front-bottom connector.

	Item No.	PU
Punch-in tool for front-bottom connector	F146083271	101

PAGE REFERENCES

Drawer sides	13
Slides	32
Inset panels	44

Steel back panels	58
Designer panels	60
Accessories	62

Sensomatic	75
Organising systems	97
Assembly technology	122



PILOT DRILL BIT

The pilot drill bit is used for pre-drilling holes for countersunk chipboard screws Ø 3.5 mm.

	Item No.	PU
Pilot drill bit	F146035692	299
Spare drill bit Ø 2.7 mm	F146090561	299



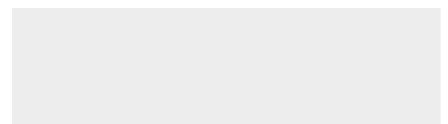
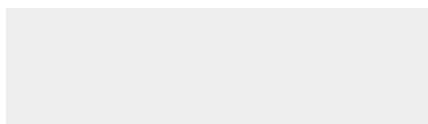
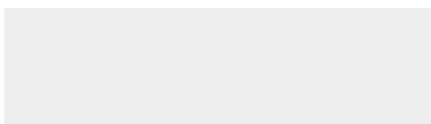
DRILLING JIG NOVA PRO TIPMATIC PLUS

For pre-drilling the fixing holes of locking parts:

- Easy and quick pre-drilling.
- Can be used for all lengths of the Nova Pro Scala Tipmatic Plus slides
- For use with pilot drill bit F146035692

	Item No.	PU
Drilling jig for Tipmatic Plus	F146095530	501

LEGEND





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