



G* GRASS®

DWD XP DRAWER SYSTEM

The convenient and versatile
comprehensive drawer range.





The DWD XP drawer system looks good,
is variable and is easy and compact to assemble.



Modern add-on systems permit high, closed side walls and a linear visual design.

With the Duowing double-wall add-on system the timeless DWD XP drawer sides can be elegantly extended upwards, providing more support for your storage items.



DWD XP DRAWER SYSTEM

DWD XP offers all ingredients for individual styling and convenience in the modern kitchen. The intelligent comprehensive drawer range features numerous drawer versions, two inset panels and versions in three colours to satisfy a wide range of customer wishes. Its clever assembly details make DWD XP a reliable partner for building kitchen furniture.

In combination with the GRASS comfort systems Tipmatic Plus and Sensomatic, DWD XP full extension slides can be moved with the utmost comfort.



In addition to the two DWD XP classics in white and alu-metallic, the compact slide system is also available in champagne for variation in colour.

Variability is one of the features of this comprehensive drawer range.

This includes the range of colours: the powder-coated drawer sides are not only available in the classic colours white and alu-metallic but also in an elegant champagne finish for attractively styled kitchen furniture.

ALUMINIUM
METALLIC

WHITE

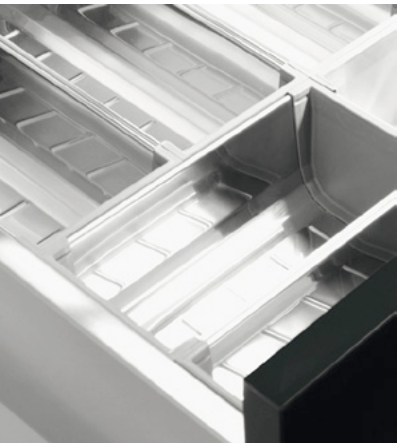
CHAMPAGNE

The transparent solution for timeless, attractive drawers.

The GRASS TOP add-on provides elegant transparency. With the use of different materials such as glass, plastic or wood this system offers the utmost individuality with clever highlights.

DWD XP DRAWER SYSTEM

The perfect complement:
add-on, dividing and organising
systems for DWD XP drawers.



To keep the content of regular and pot drawers in order for everyday use in the kitchen – that is what our customisable dividing systems are designed for. In combination with DWD XP Duowing and Magic Classic, pot drawers can be variably subdivided. The closed and flexibly usable Magic Optima elements ensure that everything remains in its place.

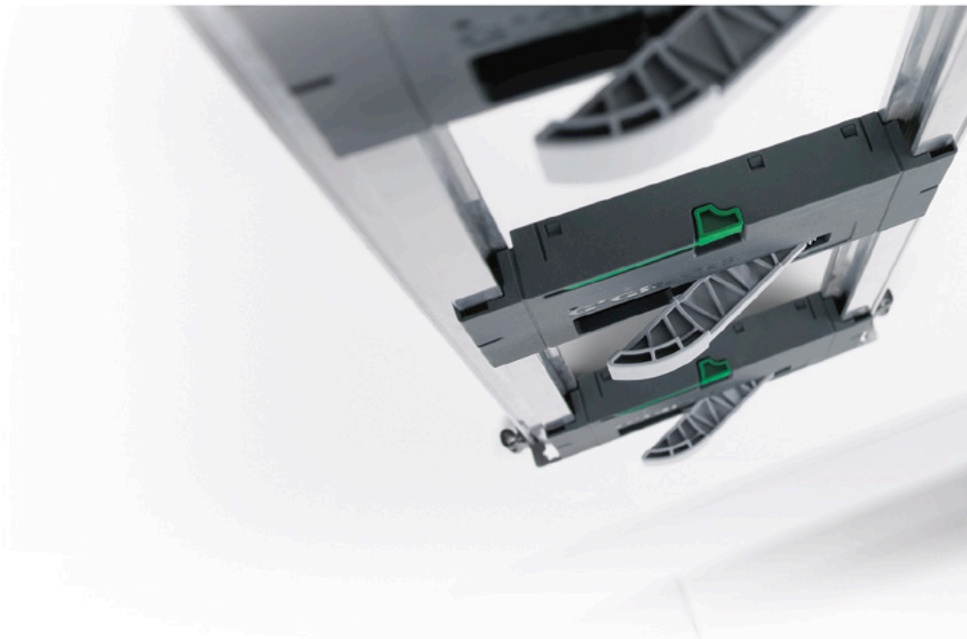
Neatly stored means readily found. And GRASS systems make it all so much easier. Because every item is always neatly arranged for convenient access.



Good to know the movement is not only technically functional, but also extremely comfortable. Opening and closing is an experience every time.

It was never easier to open drawers. And it was never more satisfying to close them. The GRASS comfort systems and our movement solutions complement each other to form a harmonious multi-functional unit. We want to combine the advantages of handle-free opening with the elegance of damped closing, as the combination of these exceptional functions guarantees the highest possible level of operating comfort.

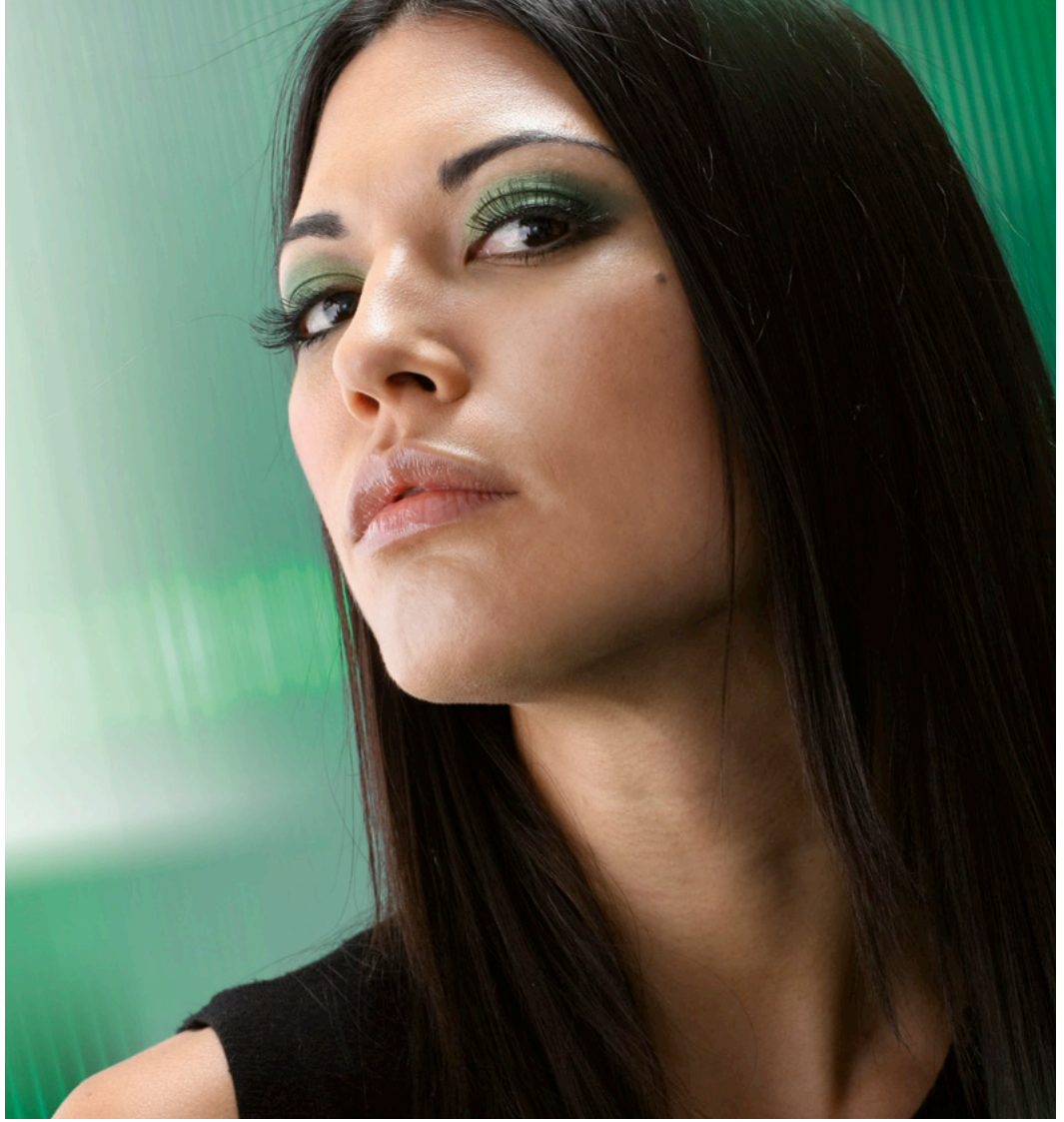
It's good to find things that were simply made for each other.



TIPMATIC PLUS
OPENING SYSTEM

Mechanical opening of regular and pot drawers.

Tipmatic offers optimum design options for stylish designer furniture. Thanks to the touch-activated mechanism, it is possible to operate large handle-free fronts and doors which will open with a gentle tap. Can be triggered anywhere on the surface of the front, optimum access and a reliable catch function make Tipmatic Plus a comfort system for high demands.



SOFT-CLOSE
DAMPING SYSTEM

With the GRASS Soft-close damping concept, each movement becomes an experience. Because closing 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 drawers for maximum operating comfort.

Action. Reaction. Interaction. Comfort cannot be more fascinating. Thanks to Sensomatic's automatic touch-sensitive function, a gentle trigger is enough to initiate the movement of regular and pot drawers with handle-free fronts.





DWD XP DRAWER SYSTEM

The appeal of our products lies in the fact that their high quality has been proven in practice.

FLAT-PACK SET PACKAGING.


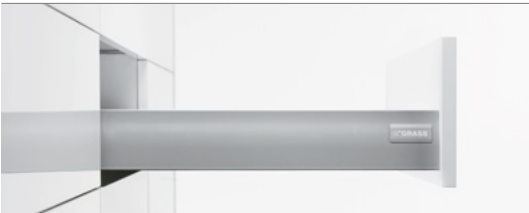


Passion is revealed right from the beginning – in the packaging. In the practical set everything is ready at hand that is needed for a first-class drawer system.

We focus on the essentials – not only in the design but also in the packaging of all components. “Better clear than complicated” – that is our motto. That is why we have packaged the DWD XP drawer system as a neat and space-saving flat-pack unit. In that way, everything is ready at hand for you to start immediately.



DRAWER SYSTEMS

Versatile drawer range for individual design options.

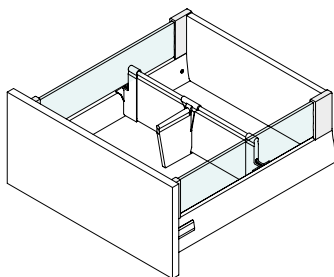
	DWD XP Double-wall metal drawer sides with an elegant design with functional add-on systems.	11
	DWD XP FLAT PACKS DWD XP drawer system in a neat and space-saving set.	52
	DWD XP SENSOMATIC Electromechanical opening system for regular and pot drawers.	75
	DWD XP DIVIDING AND ORGANISING SYSTEMS Organising, dividing, fitting out – useful aids for organising storage space.	97
	ASSEMBLY TECHNOLOGY Installation and assembly aids. Tried-and-tested technology for professional cost-effectiveness.	112



DWD XP DRAWER SYSTEM

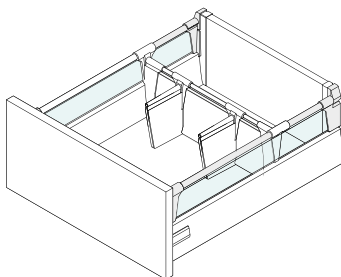
Variety of the finest quality: a range of material, colour and design combinations – all harmoniously coordinated – these are the ingredients for individuality, comfort and lifestyle.

QUALITY CERTIFICATE
LGAD



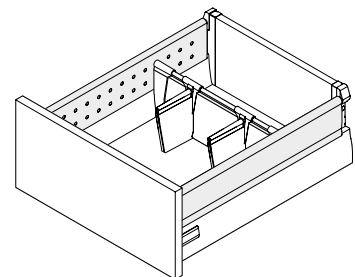
DWD XP TOP – the crystal clear solution for timeless attractive drawers.

Generous use of materials for more design freedom. The GRASS TOP add-on provides transparency to look inside. Various materials such as glass, plastic or wood can be used over large areas. Simply the most beautiful solution for an add-on.



Variowing – more storage space and design variation.

Personal taste is everything. That's why we make the practical add-on variant. Whether you opt for glass, acrylic or aluminium, the desired side elements can be simply attached with the profile clips on the round railing. Looks good and keeps the stored items in place.



Duowing – the compact container solution for stored items.

DWD XP Duowing for high, solid side sections, without any significant effort. Simply clip over the round railing onto the drawer side – done! In this way, the steel side sections provide a good-looking, solid separation and stable protection for stored items.

DWD XP DRAWER SYSTEM

Elegantly designed double-wall metal drawer sides for the discerning user.

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DWD XP DRAWER SYSTEM

This tried-and-tested drawer system offers outstanding quality, maximum design freedom and innovative functional solutions.



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	<p>Drawer H95</p> <ul style="list-style-type: none"> • The practical standard drawer for all applications • Integrated side and height adjustment including locking screw • Strong front holder 		16
	<p>Pot drawer H95 with rectangular railing</p> <ul style="list-style-type: none"> • Tilt angle adjustment using railing holder • Integrated side and height adjustment including locking screw • Strong front holder 		18
	<p>Pot drawer H95 with round railing</p> <ul style="list-style-type: none"> • Tool-free tilt angle adjustment using round railing • Integrated side and height adjustment including locking screw • Variowing or Duowing can be retrofitted 		20
	<p>Pot drawer H95 with quick-mounting round railing</p> <ul style="list-style-type: none"> • Tool-free railing installation • Tool-free tilt angle adjustment using round railing • Integrated side and height adjustment including locking screw 		22
	<p>Pot drawer H95 with variable back panel height and round railing</p> <ul style="list-style-type: none"> • Choice of back panel height • Tool-free tilt angle adjustment using round railing • Integrated side and height adjustment including locking screw 		24
	<p>Pot drawer H95 with variable back panel height and double round railing</p> <ul style="list-style-type: none"> • Choice of back panel height • Tool-free tilt angle adjustment using round railing • Integrated side and height adjustment including locking screw 		26
	<p>Pot drawer H95 with with TOP add-on</p> <ul style="list-style-type: none"> • Elegant add-on system • Individual designs can be achieved by using a range of materials • Integrated tilt angle adjustment 		28
	<p>F8 inset drawer H95</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile • High-quality design with smooth inside and outside surfaces • Dimensions identical to those of standard drawer 		30
	<p>F8 inset drawer H95 with rectangular railing</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile • High-quality design with smooth inside and outside surfaces • Dimensions identical to those of standard drawer 		32

	Product description		Page
	<p>F8 inset drawer H95 with round railing</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile • High-quality design with smooth inside and outside surfaces • Dimensions identical to those of standard drawer 		34
	<p>F8 inset drawer H95 with TOP add-on</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile • High-quality design with smooth inside and outside surfaces • Dimensions identical to those of standard drawer 		36
	<p>Inset drawer H95</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		38
	<p>Inset drawer H95 with rectangular railing</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		40
	<p>DWD XP inset drawer H95 with round railing</p> <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		42
	<p>DWD XP inset drawer H95 with rectangular railing and TOP add-on</p> <ul style="list-style-type: none"> • Elegant add-on system • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		44
	<p>DWD XP full extension slide 40 kg Soft-close</p> <ul style="list-style-type: none"> • Fully synchronised slide technology without mid-way knock • Integrated Soft-close technology • Excellent running characteristics • Maximum lateral stability 		46
	<p>DWD XP full extension slide 60 kg Soft-close</p> <ul style="list-style-type: none"> • Fully synchronised slide technology without mid-way knock • Integrated Soft-close technology • Excellent running characteristics • Maximum lateral stability 		48
	<p>DWD XP full extension slide 40 kg Tipmatic Plus</p> <ul style="list-style-type: none"> • Mechanical opening system • Can be triggered by gently tapping anywhere on the surface of the front panel • Reliable closing through catch function • Depth adjustment on both sides ensures precise front gap adjustment 		50

DWD XP DRAWER SYSTEM

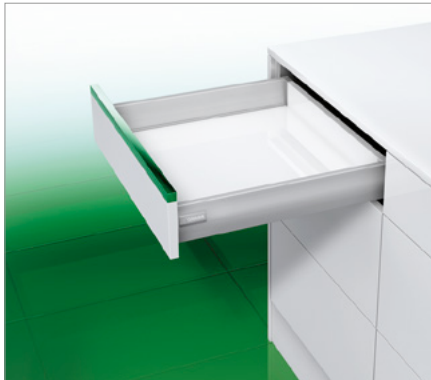
This tried-and-tested drawer system offers outstanding quality, maximum design freedom and innovative functional solutions.

	Product description		Page
	<p>Drawer H95 – flat pack</p> <ul style="list-style-type: none"> • All GRASS components for one drawer in one package • All parts clearly arranged and immediately at hand • The small volume of the package saves storage space 		52
	<p>Pot drawer H95 with rectangular railing – flat pack</p> <ul style="list-style-type: none"> • All GRASS components for one pot drawer with rectangular railing in one package • All parts clearly arranged and immediately at hand • The small volume of the package saves storage space 		54
	<p>Pot drawer H95 with round railing – flat pack</p> <ul style="list-style-type: none"> • All GRASS components for one pot drawer with round railing in one package • All parts clearly arranged and immediately at hand • The small volume of the package saves storage space 		56
	<p>Variowing</p> <ul style="list-style-type: none"> • Elegant add-on system for round railing • Individual designs can be achieved by using a range of materials • Easy installation without tools 		58
	<p>Duowing</p> <ul style="list-style-type: none"> • High-quality, double-wall add-on system for round railing • Optimally matched to drawer side design • Easy installation without tools 		60
	<p>Suspension file drawer with oval railing</p> <ul style="list-style-type: none"> • Secure screw connection at front and back panels ensures stable construction and high load capacity • Oval, natural anodised aluminium tube with high bending resistance • Tool-free tilt angle adjustment using the oval railing 		62
	<p>DWD XP accessories</p> <ul style="list-style-type: none"> • Front-bottom connector • DWD XP spacer • DWD XP child lock • DWD XP locking pin • Screws 		64
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	<p>Application example, pull-out larder</p>		67

	Product description		Page
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	<p>Spacer plate for oven base drawer</p> <ul style="list-style-type: none"> • Spacer plate, 2 mm thick, to make up the difference between the S16 mm and S18 mm cabinet thickness • For DWD XP full extension slides, 40 kg capacity 		69

DWD XP

Drawer H95



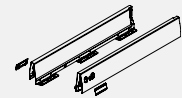
- The practical standard drawer for all applications
- Integrated side and height adjustment including locking screw
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 233 = 200 units in a cardboard box
- 239 = 400 units in a cardboard box
- 523 = 100 units in PE in a cardboard box

ORDER INFORMATION

1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right														
NL	Aluminium metallic				White				Champagne					
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU				
275	F090075281	211			F090075282	211			F090135098	211				
300	F090077343	211			F090077344	211			F090135099	211				
350	F090075285	211			F090075286	211			F090135100	211				
400	F090075289	211			F090075290	211			F090135101	211				
450	F090075293	211			F090075294	211			F090135102	211				
500	F090075297	211			F090075298	211			F090135103	211				
550	F090075301	211			F090075302	211			F090135104	211				
600	F090075305	211			F090077345	211			F090135105	211				
650	F090075308	211			F090077346	211			F090135106	211				



2 Clip H86 for wooden back panel Set: One left, one right														
	Aluminium metallic				White				Champagne					
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU				
	F092082925	523	233		F092082928	523	233		F092082938	523	233			



3 Front holder Single item: Can be used on left/right				
Description	Art.-no.	PU		
Expansion dowel	F092083119		239	
For press fitting	F092083117	116		
For screw fixing	F092083116	116	239	

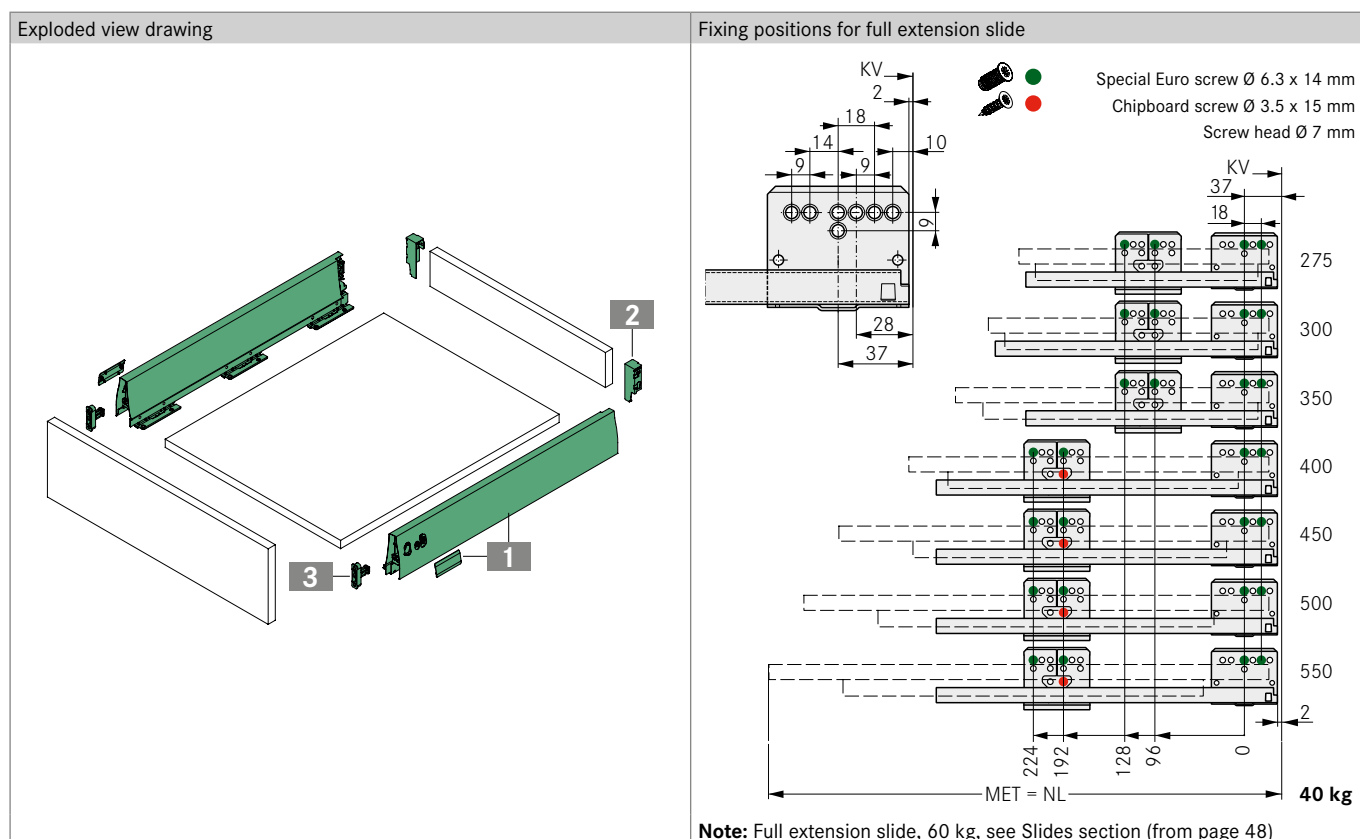
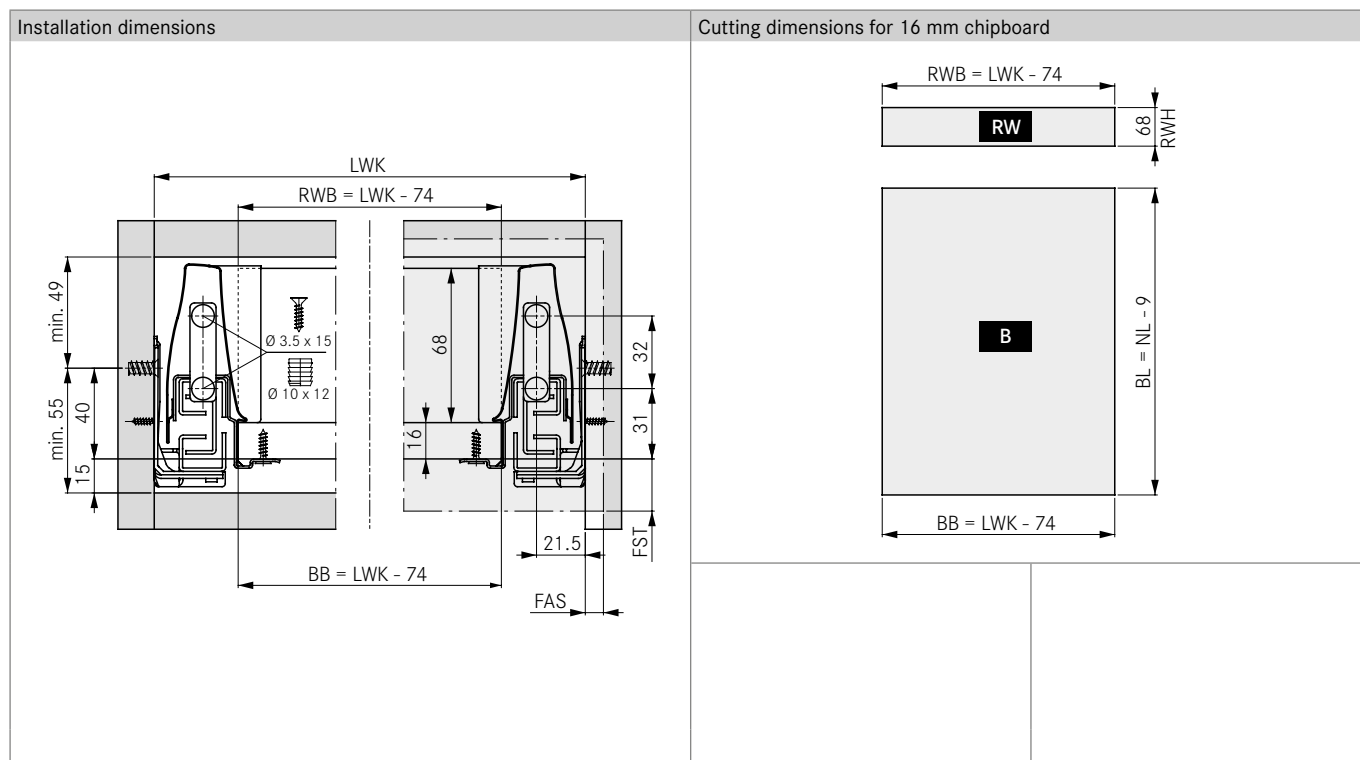


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INSTALLATION INFORMATION

All dimensions in millimetres

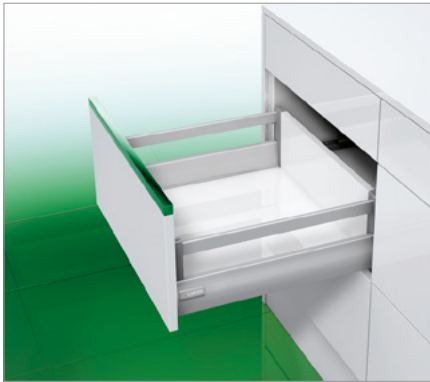


LEGEND

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

DWD XP

Pot drawer H95 with rectangular railing



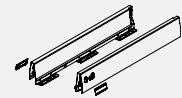
- Integrated side and height adjustment including locking screw
- Tilt angle adjustment using railing holder
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 507 = 10 units in PE in a cardboard box
- 523 = 100 units in PE in a cardboard box

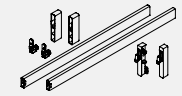
ORDER INFORMATION

- 1** DWD XP drawer sides H95 incl. cover caps
Set: One left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
400	F090075289	211		F090075290	211		F090135101	211	
450	F090075293	211		F090075294	211		F090135102	211	
500	F090075297	211		F090075298	211		F090135103	211	
550	F090075301	211		F090075302	211		F090135104	211	

- 2** Rectangular screw-on railing
Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
400	F092077409	507		F092072183	507		F092115074	507	
450	F092077410	507		F092072184	507		F092115075	507	
500	F092077411	507		F092072185	507		F092115076	507	
550	F092077412	507		F092072186	507		F092115077	507	

- 3** Clip H182 for wooden back panel
Set: One left, one right



	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092082943	223	523	F092082946	223	523	F092082955	223	523

- 4** Front holder
Single item: Can be used on left/right



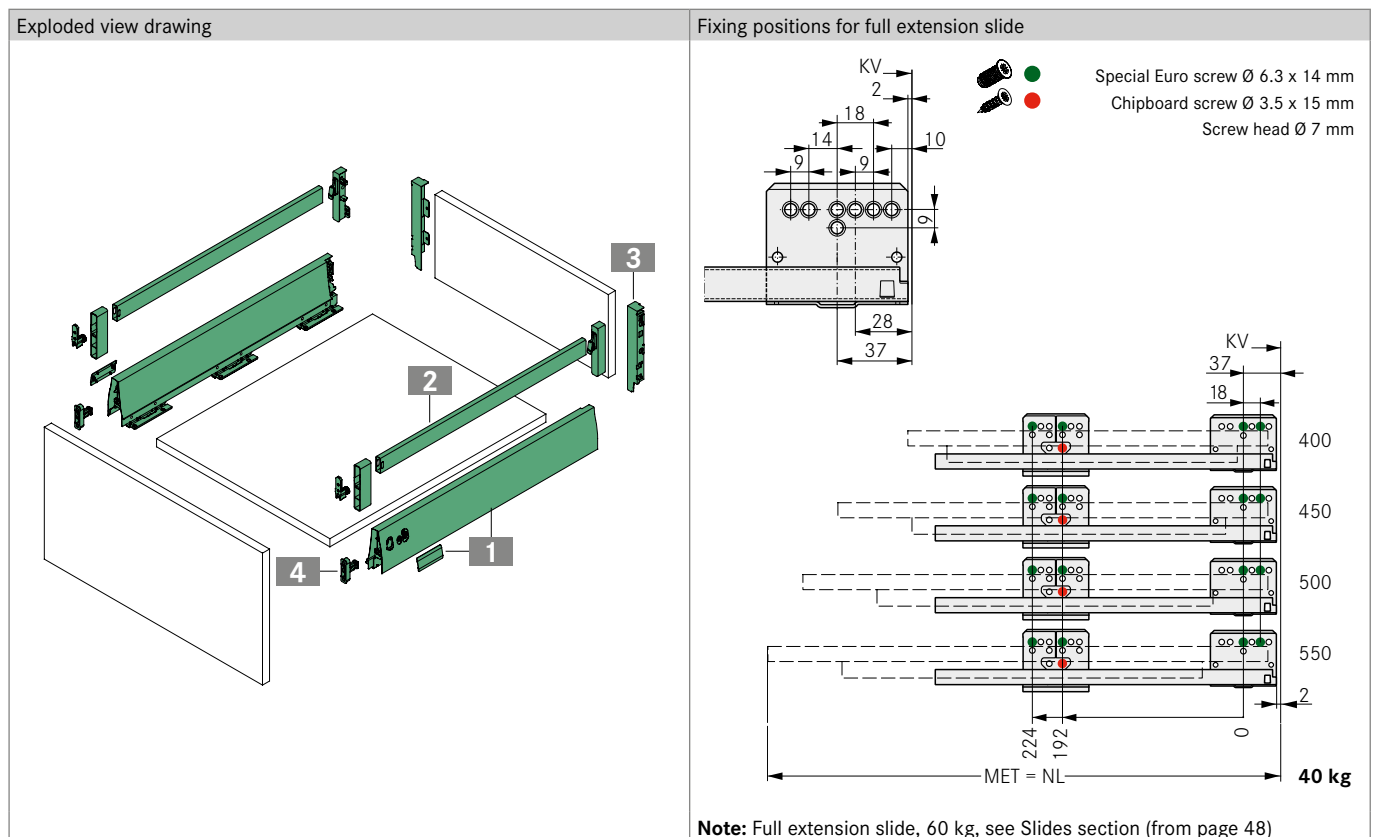
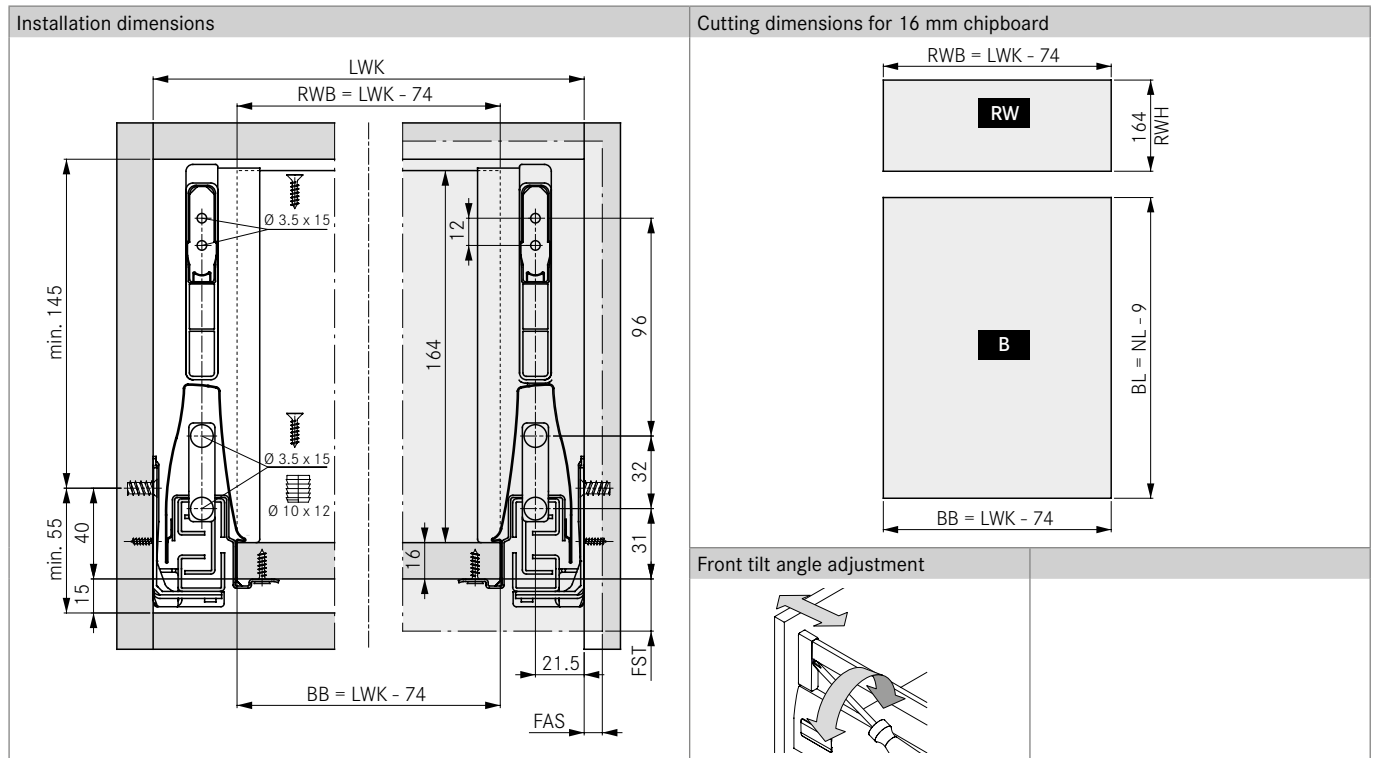
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116

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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

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

DWD XP

Pot drawer H95 with round railing



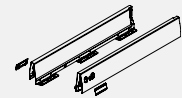
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels
- Variowing or Duowing can be retrofitted

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 513 = 25 units in PE in a cardboard box
- 523 = 100 units in PE in a cardboard box

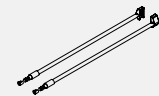
ORDER INFORMATION

1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F090075285	211		F090075286	211		F090135100	211	
400	F090075289	211		F090075290	211		F090135101	211	
450	F090075293	211		F090075294	211		F090135102	211	
500	F090075297	211		F090075298	211		F090135103	211	
550	F090075301	211		F090075302	211		F090135104	211	
600	F090075305	211		F090077345	211		F090135105	211	
650	F090075308	211		F090077346	211		F090135106	211	

2 Round screw-on railing Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F092075875	513	223	F092075876	513	223	F092075906	513	223
400	F092075878	513	223	F092075879	513	223	F092075911	513	223
450	F092075881	513	223	F092075882	513	223	F092075919	513	223
500	F092075884	513	223	F092075885	513	223	F092075927	513	223
550	F092075887	513		F092075888	513		F092115850	513	
600	F092075890	513		F092071890	513		F092115851	513	
650	F092075892	513		F092077401	513		F092075937	513	

3 Clip H182 for wooden back panel Set: One left, one right



	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092082943	223	523	F092082946	223	523	F092082955	223	523

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



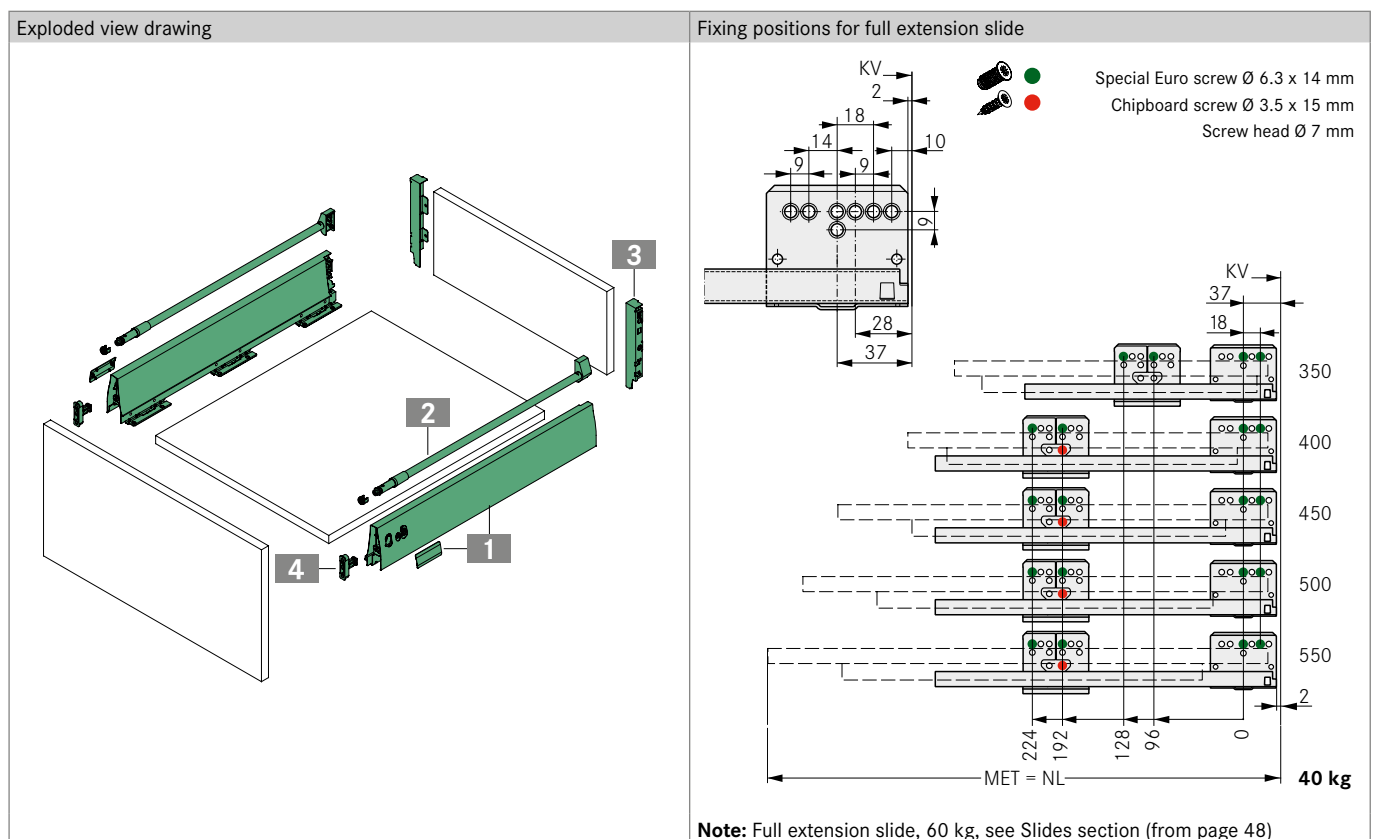
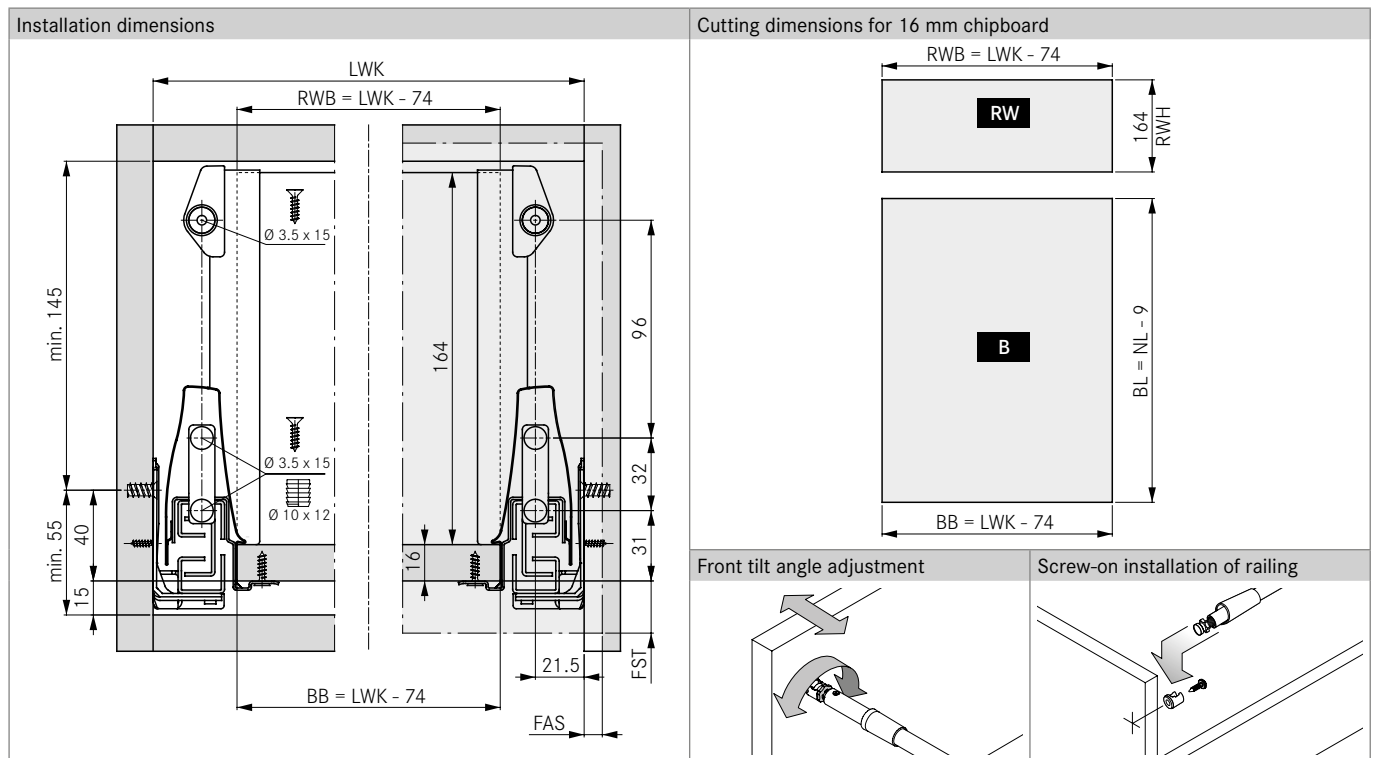
Description	Art.-no.	PU
Expansion dowel	F092083119	239
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All dimensions in millimetres

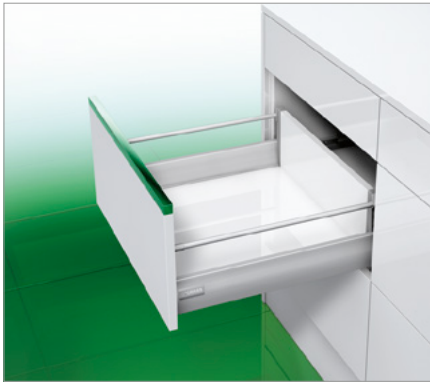


LEGEND

B	Bottom panel	FST	Front overlay	NL	Nominal length
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DWD XP

Pot drawer H95 with quick-mounting round railing



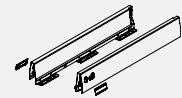
- Tool-free railing installation
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels
- Variowing or Duowing can be retrofitted

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 523 = 100 units in PE in a cardboard box

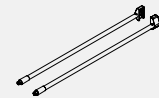
ORDER INFORMATION

1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F090075285	211		F090075286	211		F090135100	211	
400	F090075289	211		F090075290	211		F090135101	211	
450	F090075293	211		F090075294	211		F090135102	211	
500	F090075297	211		F090075298	211		F090135103	211	
550	F090075301	211		F090075302	211		F090135104	211	
600	F090075305	211		F090077345	211		F090135105	211	
650	F090075308	211		F090077346	211		F090135106	211	

2 Round railing for quick mounting Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F092075962	223		F092072114	223		F092075968	223	
400	F092075974	223		F092075977	223		F092075983	223	
450	F092075989	223		F092075992	223		F092075998	223	
500	F092082405	223		F092082408	223		F092082414	223	
550	F092082420	223		F092082423	223		F092135119	223	
600	F092082429	223		F092076741	223		F092135120	223	
650	F092082435	223		F092135436	223		F092082441	223	

3 Clip H182 for wooden back panel Set: One left, one right



	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092082943	223	523	F092082946	223	523	F092082955	223	523

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



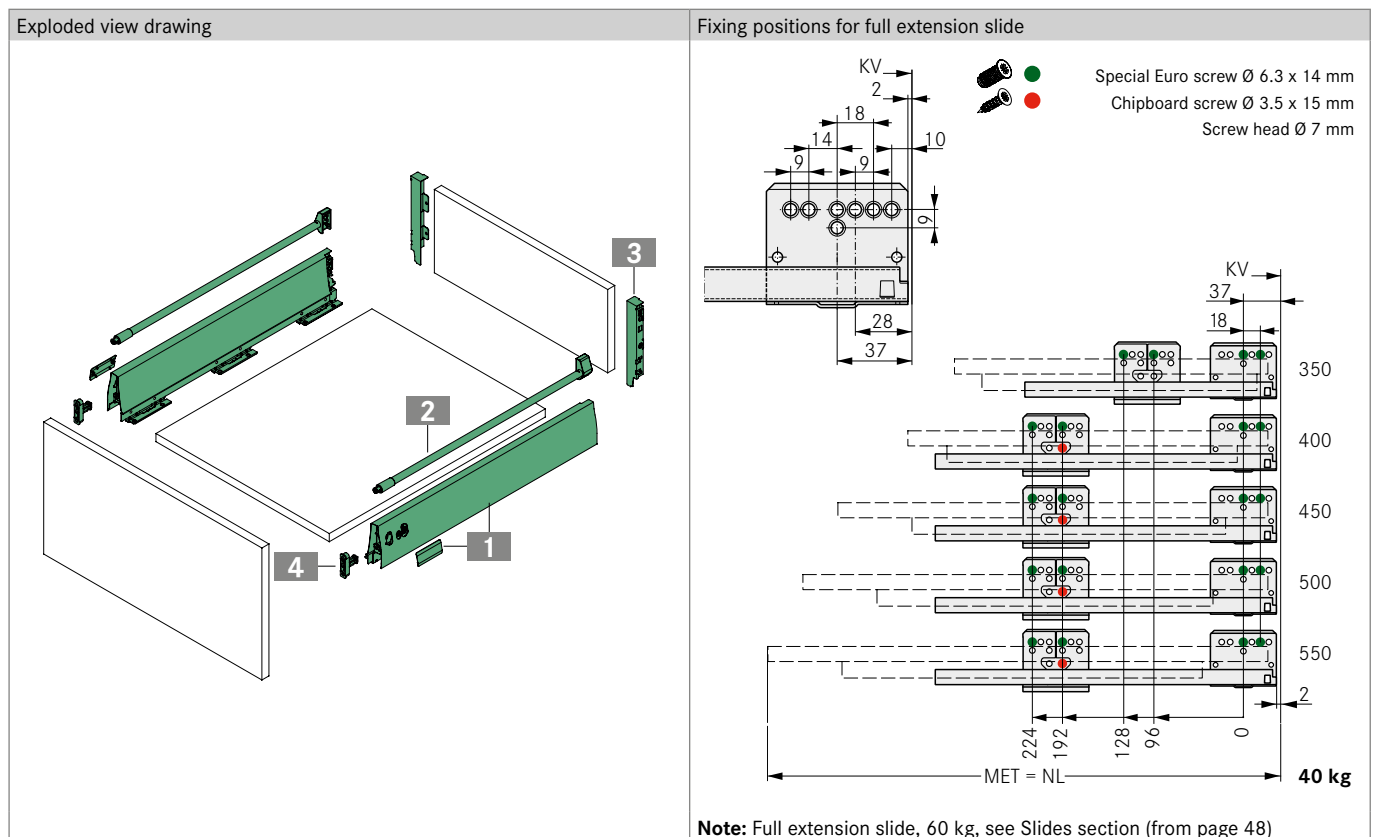
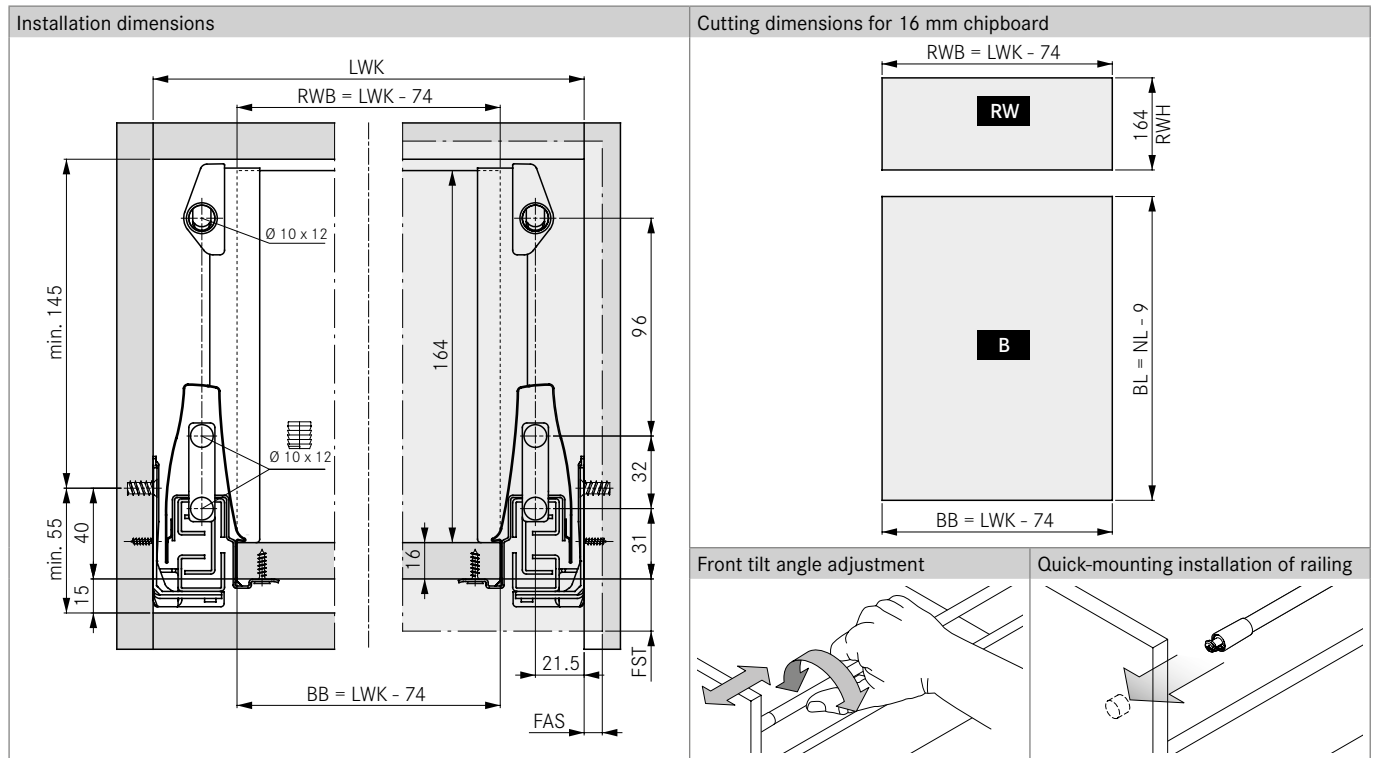
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116

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INSTALLATION INFORMATION

All dimensions in millimetres

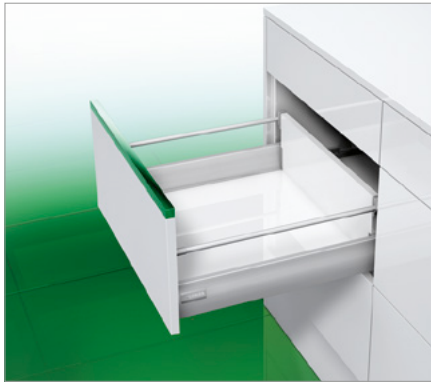


LEGEND

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

DWD XP

Pot drawer H95 with variable back panel height and round railing



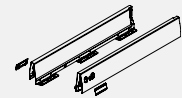
- Choice of back panel height
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 513 = 25 units in PE in a cardboard box
- 523 = 100 units in PE in a cardboard box

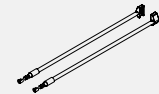
ORDER INFORMATION

1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F090075285	211		F090075286	211		F090135100	211	
400	F090075289	211		F090075290	211		F090135101	211	
450	F090075293	211		F090075294	211		F090135102	211	
500	F090075297	211		F090075298	211		F090135103	211	
550	F090075301	211		F090075302	211		F090135104	211	
600	F090075305	211		F090077345	211		F090135105	211	
650	F090075308	211		F090077346	211		F090135106	211	

2 Round screw-on railing Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F092075875	513	223	F092075876	513	223	F092075906	513	223
400	F092075878	513	223	F092075879	513	223	F092075911	513	223
450	F092075881	513	223	F092075882	513	223	F092075919	513	223
500	F092075884	513	223	F092075885	513	223	F092075927	513	223
550	F092075887	513		F092075888	513		F092115850	513	
600	F092075890	513		F092071890	513		F092115851	513	
650	F092075892	513		F092077401	513		F092075937	513	

3 Clip for variable wooden back panel Set: Back panel clip H86 (open) and railing clip (variable), one left, one right



	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092082988	523		F092082989	523		F092082990	523	

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



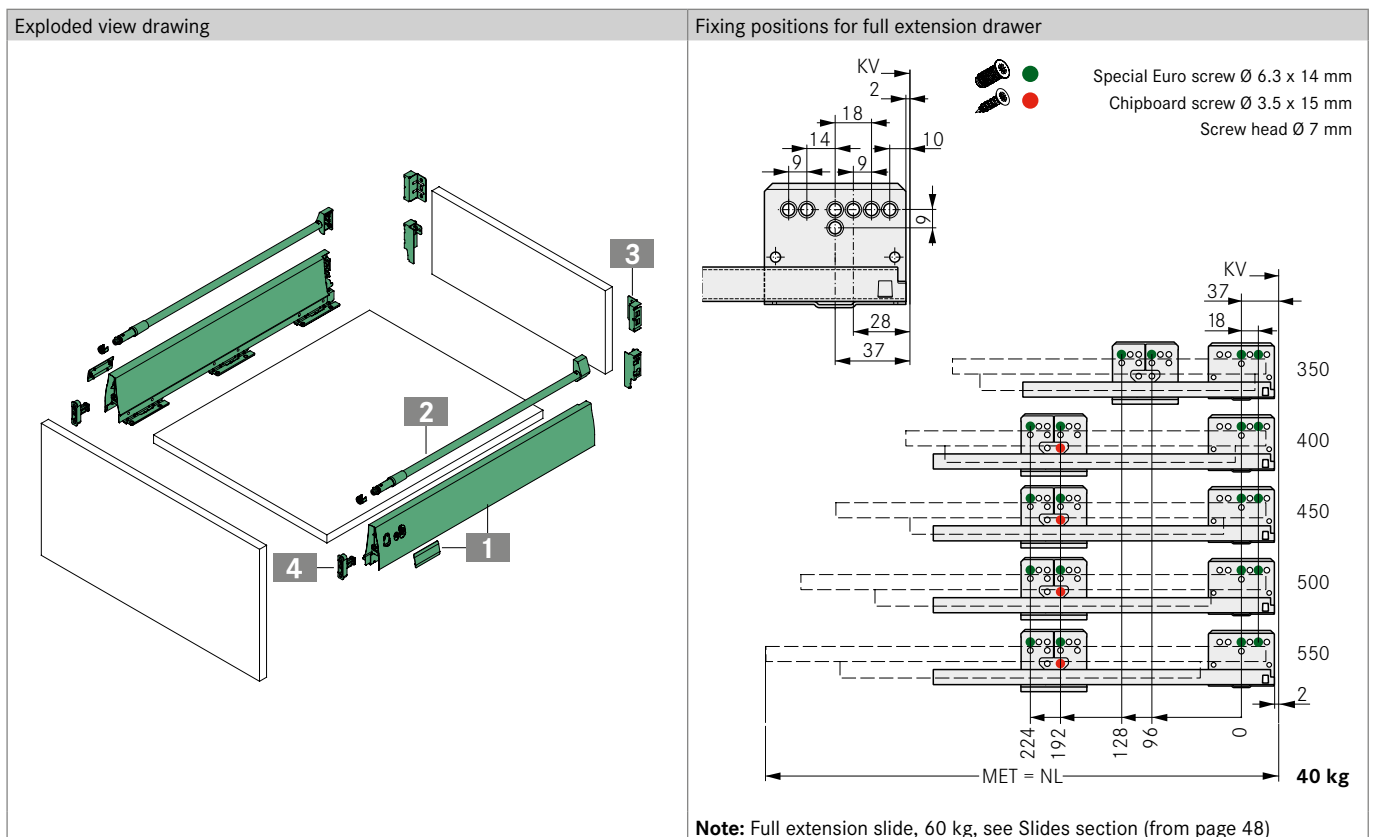
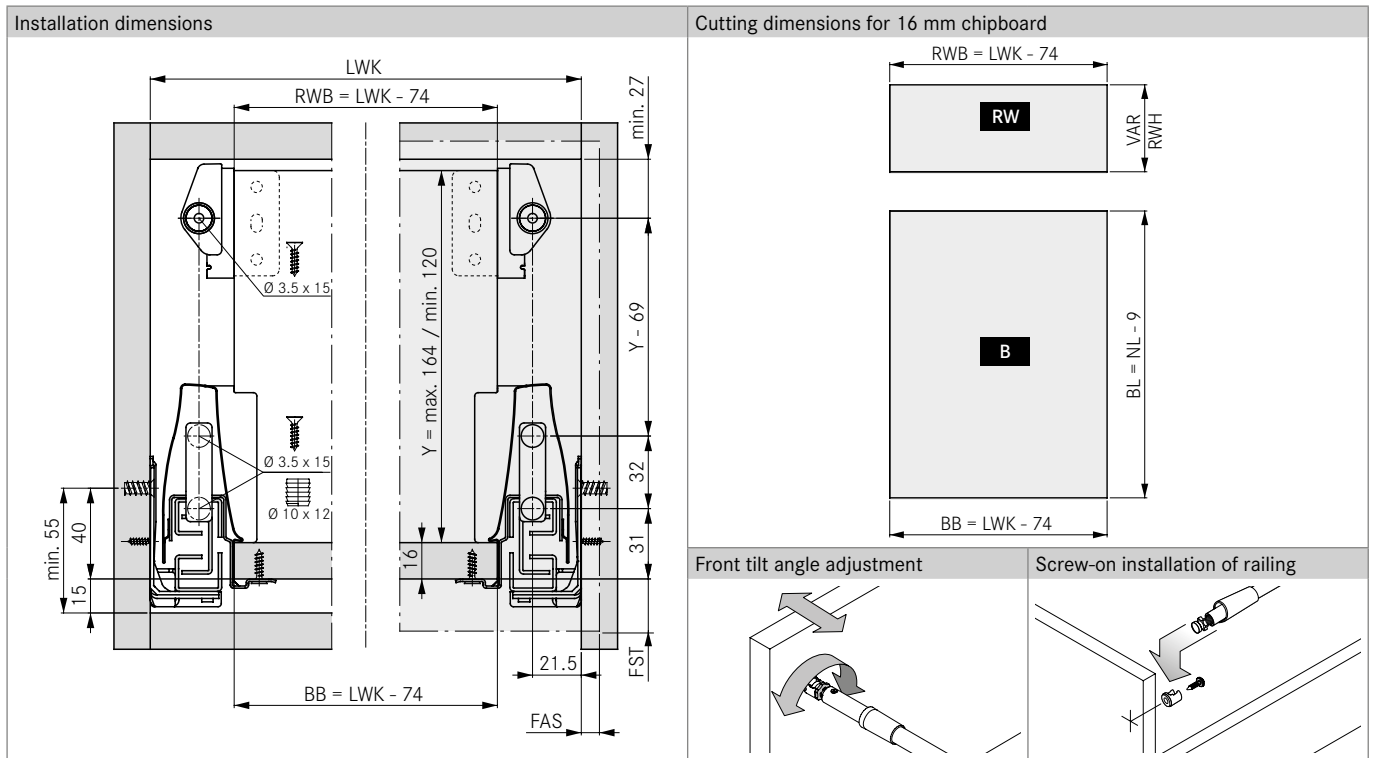
Description	Art.-no.	PU	
Expansion dowel	F092083119		239
For press fitting	F092083117	116	
For screw fixing	F092083116	116	239

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INSTALLATION INFORMATION

All dimensions in millimetres

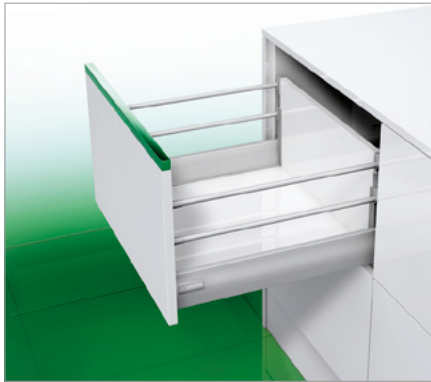


LEGEND

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

DWD XP

Pot drawer H95 with variable back panel height and double round railing



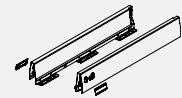
- Choice of back panel height
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 513 = 25 units in PE in a cardboard box
- 523 = 100 units in PE in a cardboard box

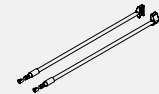
ORDER INFORMATION

1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F090075285	211		F090075286	211		F090135100	211	
400	F090075289	211		F090075290	211		F090135101	211	
450	F090075293	211		F090075294	211		F090135102	211	
500	F090075297	211		F090075298	211		F090135103	211	
550	F090075301	211		F090075302	211		F090135104	211	
600	F090075305	211		F090077345	211		F090135105	211	
650	F090075308	211		F090077346	211		F090135106	211	

2 Round screw-on railing Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
350	F092075875	513	223	F092075876	513	223	F092075906	513	223
400	F092075878	513	223	F092075879	513	223	F092075911	513	223
450	F092075881	513	223	F092075882	513	223	F092075919	513	223
500	F092075884	513	223	F092075885	513	223	F092075927	513	223
550	F092075887	513		F092075888	513		F092115850	513	
600	F092075890	513		F092071890	513		F092115851	513	
650	F092075892	513		F092077401	513		F092075937	513	

3 Clip for variable wooden back panel Set: Back panel clip H182 (open) and railing clip (variable), one left, one right



	Aluminium metallic			White			Champagne		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092082992	523		F092082993	523		F092082995	523	

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



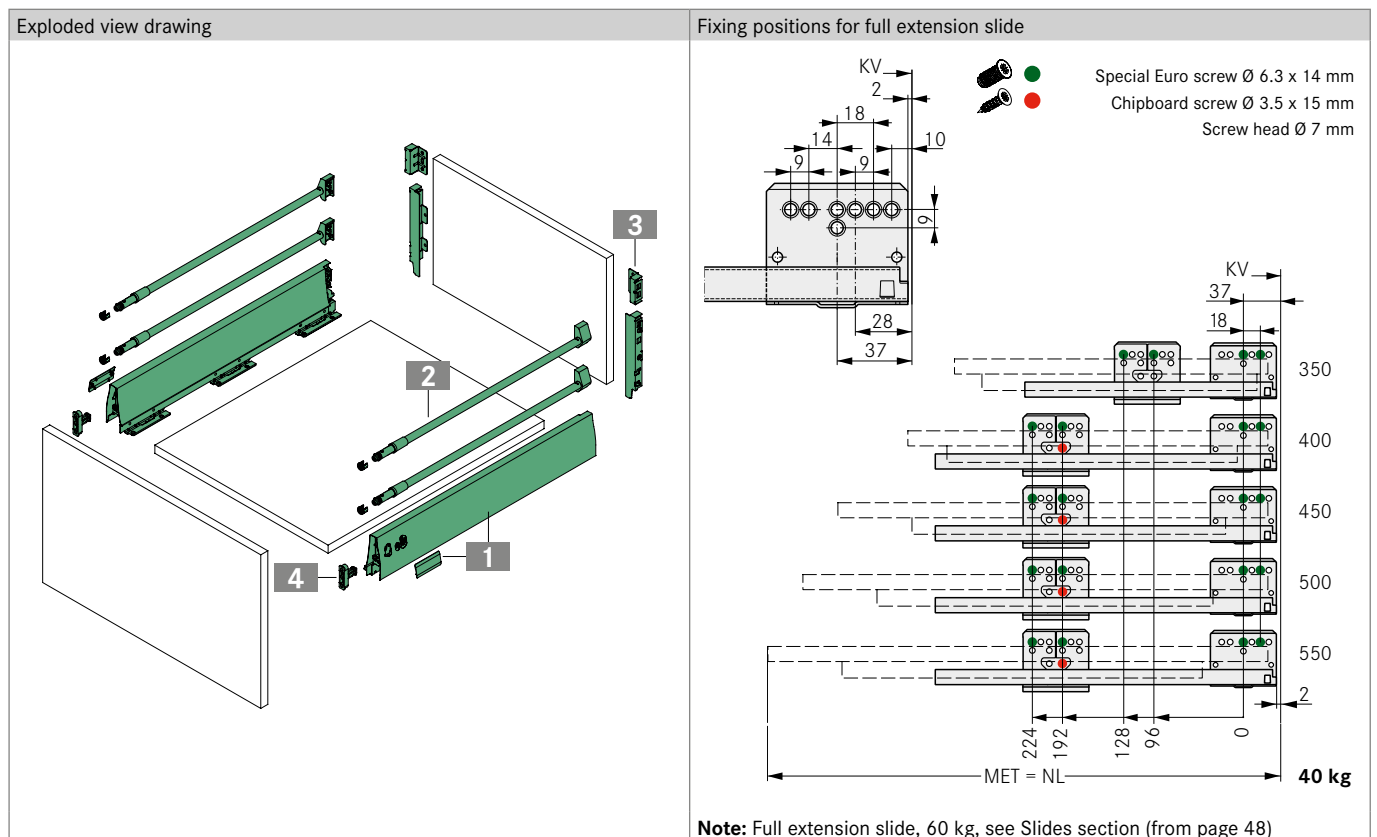
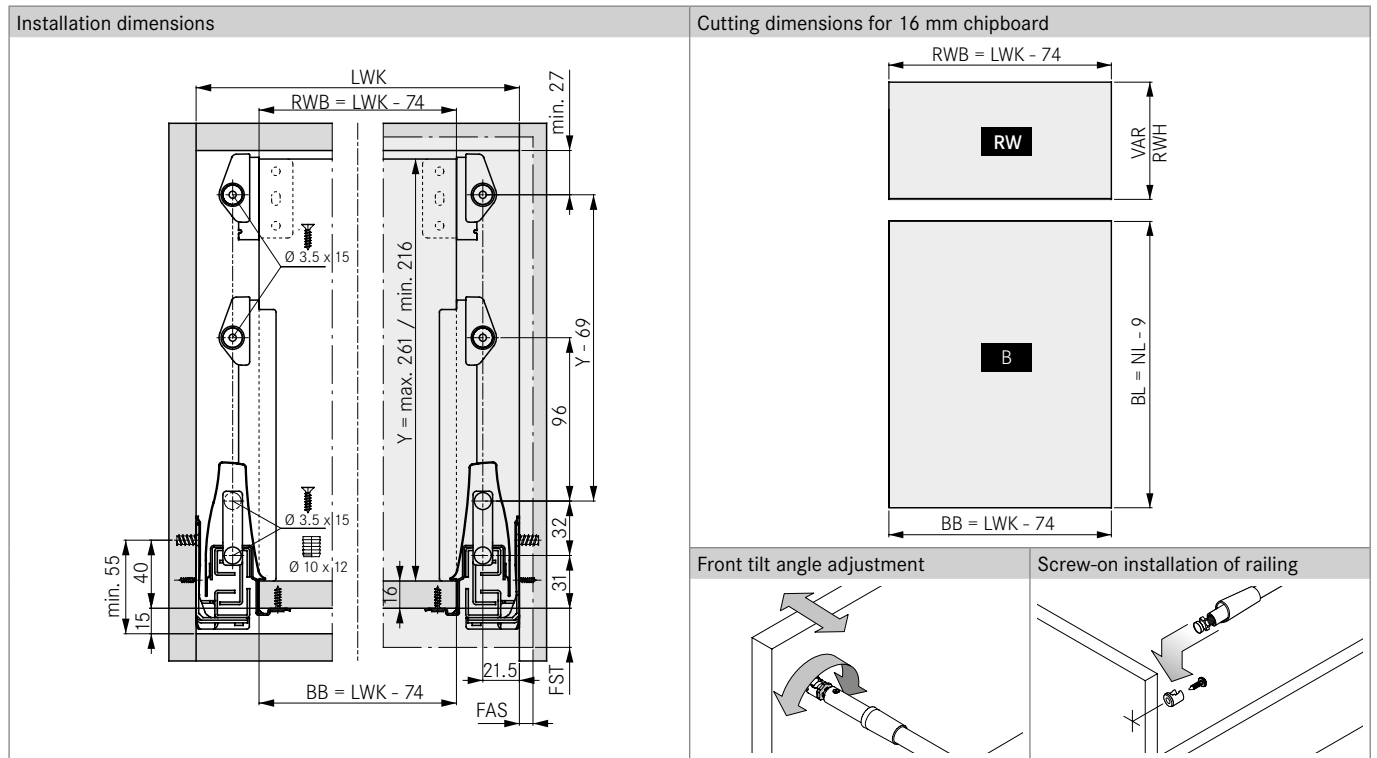
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116

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INSTALLATION INFORMATION

All dimensions in millimetres

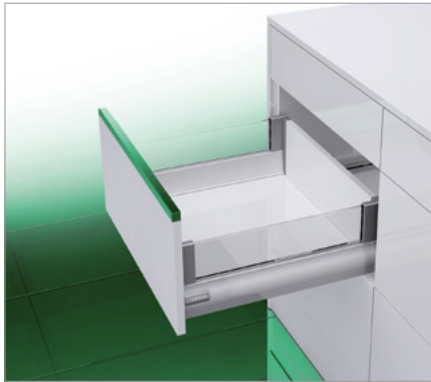


LEGEND

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

DWD XP

Pot drawer H95 with TOP add-on



- Elegant add-on system
- Individual design by using different materials as inserts, such as glass or plastic
- Suitable for 8 mm slide-in elements
- Tilt angle adjustment integrated in drawer side
- Integrated side and eccentric height adjustment including locking screw
- Strong front holder
- Safety lock and transport protection

Packaging unit (PU):

- 116 = 40 units in PE
- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 239 = 400 units in a cardboard box
- 523 = 100 units in PE in a cardboard box

ORDER INFORMATION

1 DWD XP drawer sides H95 without cover caps, with integrated tilt angle adjustment Set: One left, one right															
NL	Aluminium metallic				White				Champagne						
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU				
275	F090116723		211		F090116750		211		F090116705		211				
300	F090116726		211		F090116753		211		F090101489		211				
350	F090116729		211		F090116756		211		F090116708		211				
400	F090116732		211		F090116759		211		F090101490		211				
450	F090116735		211		F090116762		211		F090116711		211				
500	F090116738		211		F090116765		211		F090116714		211				
550	F090116741		211		F090116768		211		F090116719		211				
600	F090116744		211		F090116771		211		F090116720		211				
650	F090116747		211		F090116774		211		F090101491		211				

2 TOP add-on Set: Glass clip (front/back), one left, one right															
	Aluminium metallic				White				Champagne						
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU				
	F092116696		223		F092116698		223		F092101496		223				

3 Clip H182 for wooden back panel Set: One left, one right															
	Aluminium metallic				White				Champagne						
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU				
	F092082943		223 523		F092082946		223 523		F092082955		223 523				

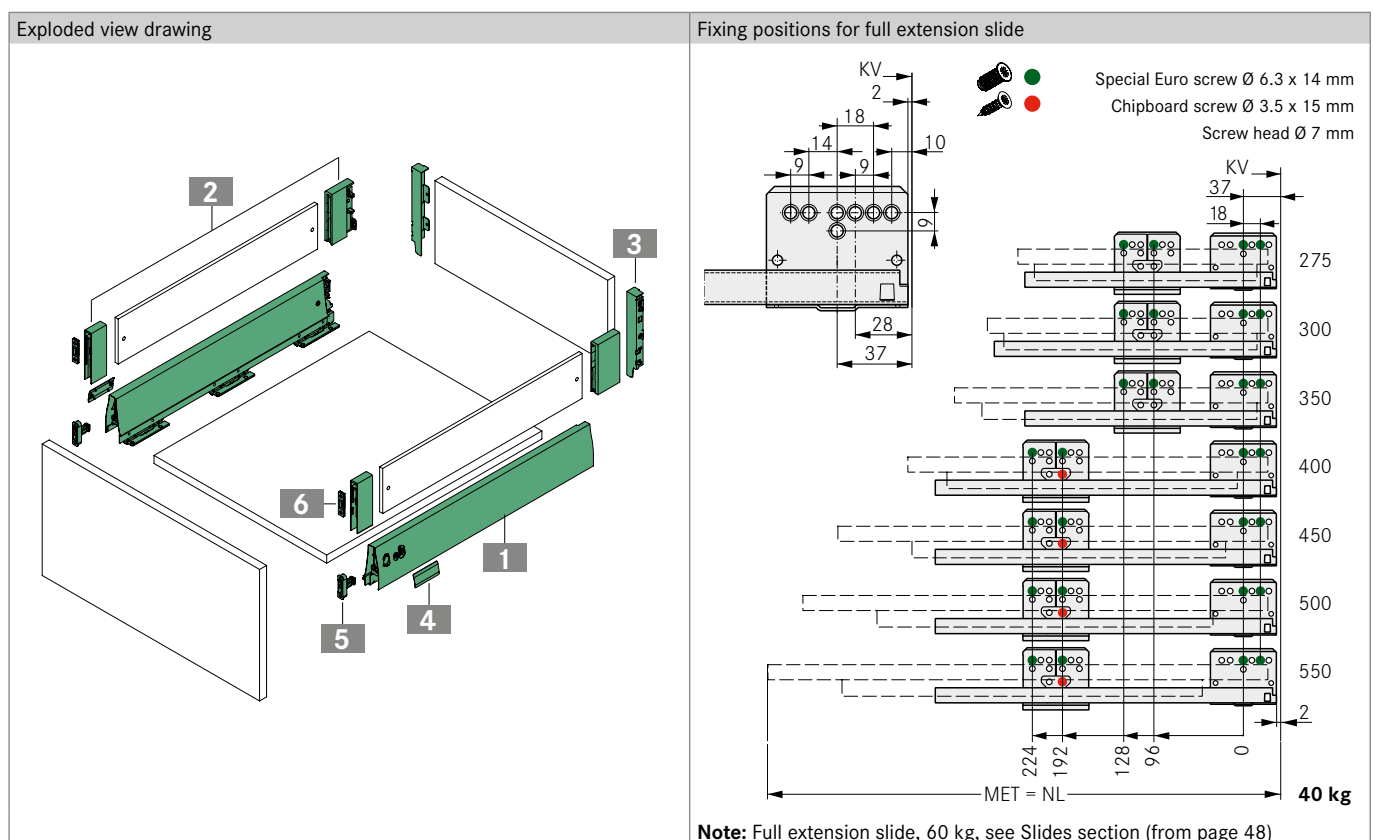
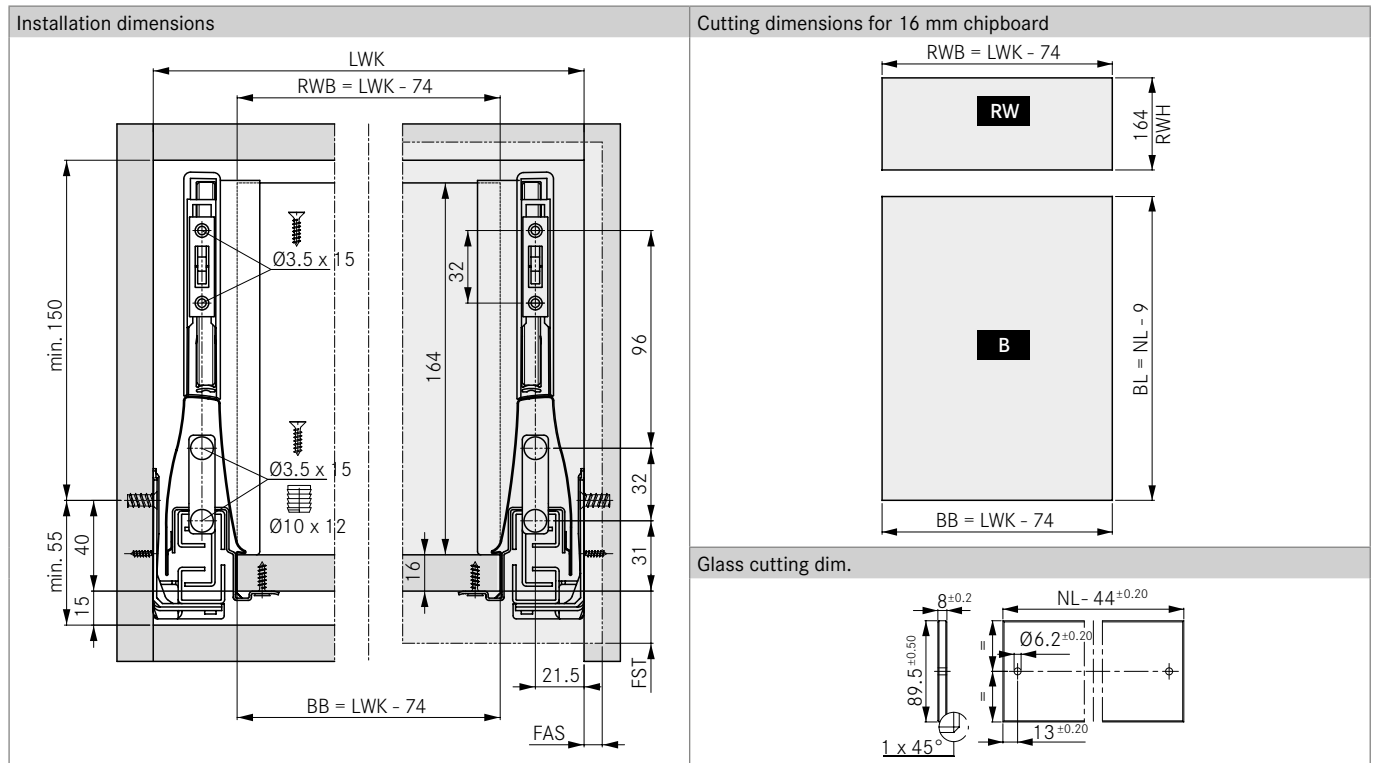
4 Drawer side cover cap Single item															
	Aluminium metallic				White				Champagne						
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU				
	F092083122		116 239		F092083120		116 239		F092083123		116 239				

5 Front holder Single item: Can be used on left/right						6 Add-on clip (front) Single item: Can be used on left/right					
Description		Art.-no.		PU		Description		Art.-no.		PU	
Expansion dowel		F092083119		239		For press fitting		F092072256		239	
For press fitting		F092083117		116		For screw fixing		F092072255		223 239	
For screw fixing		F092083116		116 239							

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INSTALLATION INFORMATION

All dimensions in millimetres

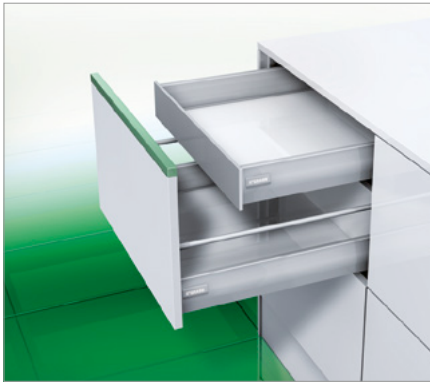


LEGEND

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

DWD XP

F8 inset drawer H95



- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 218 = 60 units in a cardboard box
- 223 = 100 units in a cardboard box
- 511 = 20 units in PE in a cardboard box

ORDER INFORMATION

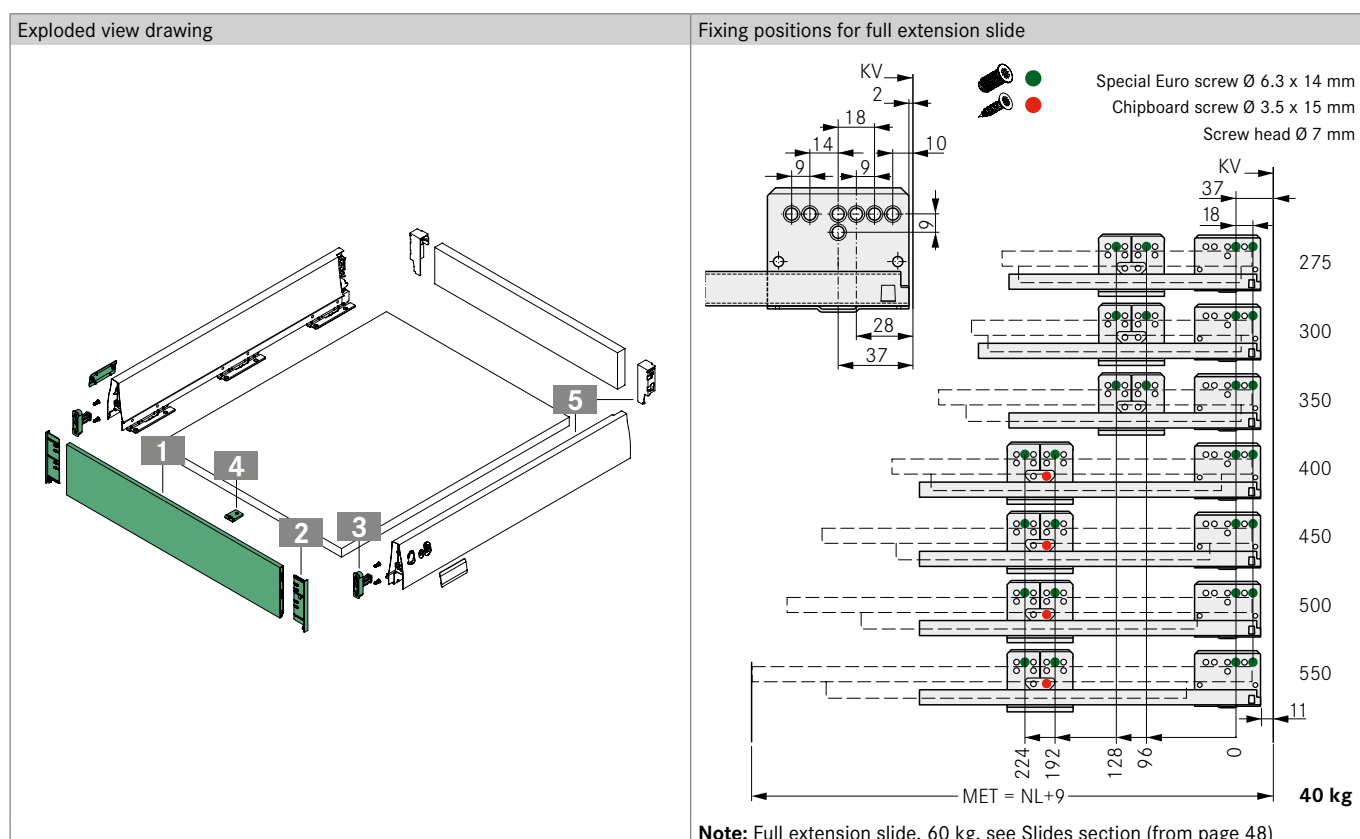
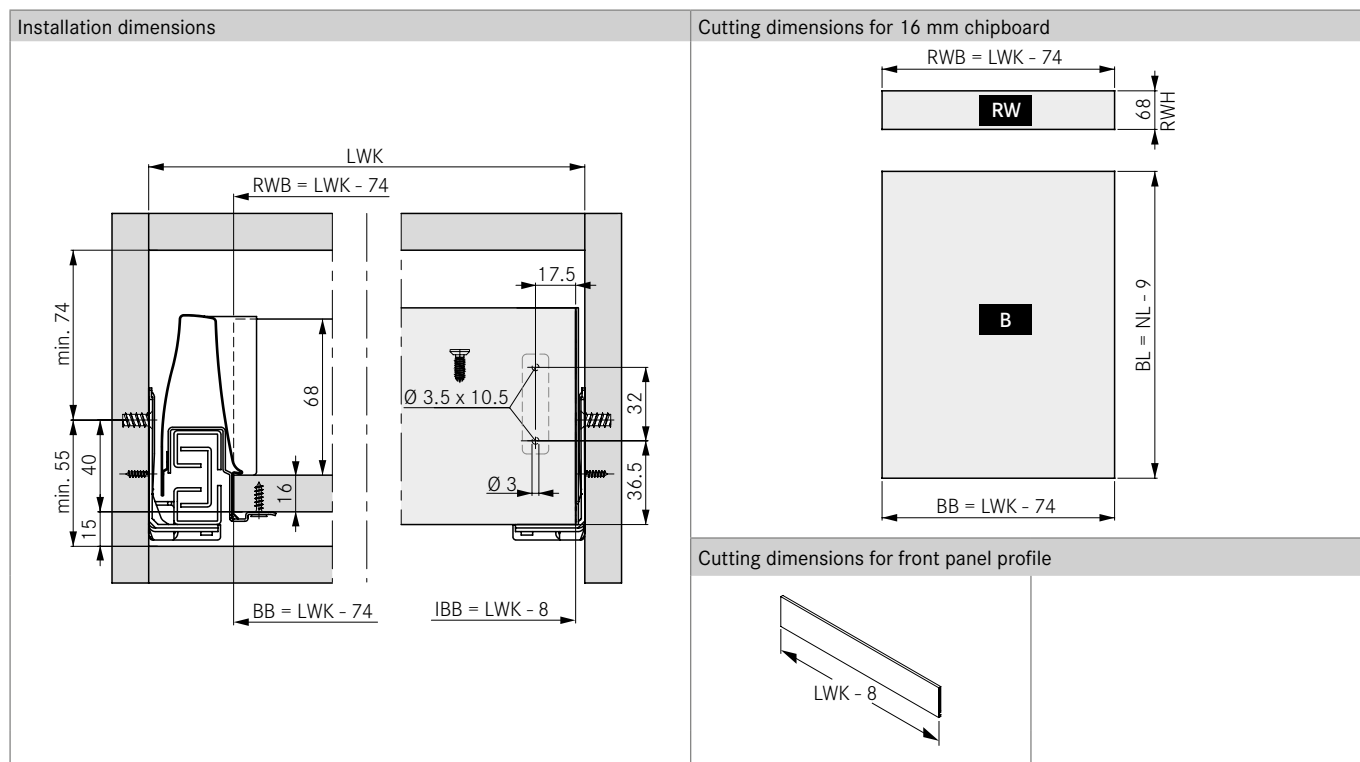
1 F8 inset panel for inset drawer H95																	
Single item: For cutting to length																	
L	Aluminium metallic				White				Champagne								
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU						
1160	F092101372		211	511*	F102101369		211	511*	F092101373		211	511*					
* incl. cardboard drilling template																	
2 Cover cap for F8 inset panel																	
Single item: Can be used on left/right																	
Aluminium metallic				White				Champagne									
Art.-no.		PU		Art.-no.		PU		Art.-no.		PU							
F102109572		218		F102101382		218		F092101386		218							
3 Front holder										4 Front-bottom connector (optional)							
Single item: incl. screws, can be used on left/right					Single item												
Description					Art.-no.		PU		Description					Art.-no.		PU	
For screw fixing					F092101589		223		Recommended from KB 600					F145117993		223	
5 DWD XP drawer sides H95 and clip H86 for wooden back panel see page 16																	

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INSTALLATION INFORMATION

All dimensions in millimetres

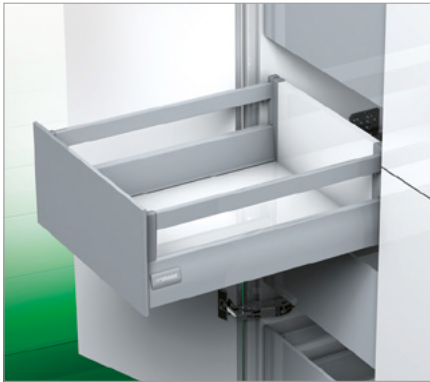


LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

F8 inset drawer H95 with rectangular railing

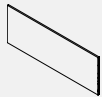

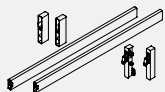


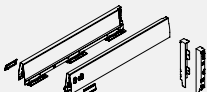


- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

Packaging unit (PU):

- 207 = 10 units in a cardboard box
- 214 = 30 units in a cardboard box
- 223 = 100 units in a cardboard box
- 233 = 200 units in a cardboard box
- 507 = 10 units in PE in a cardboard box

ORDER INFORMATION

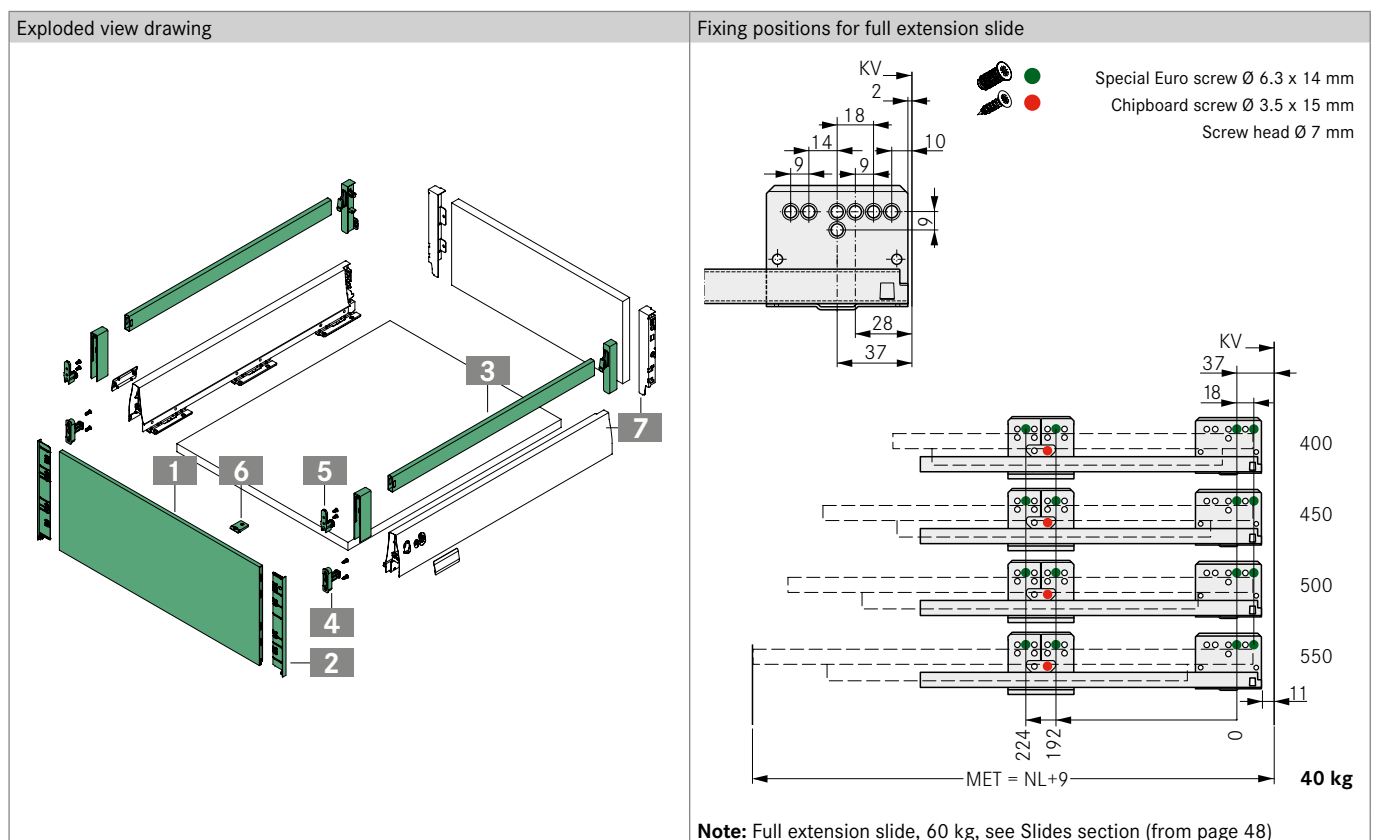
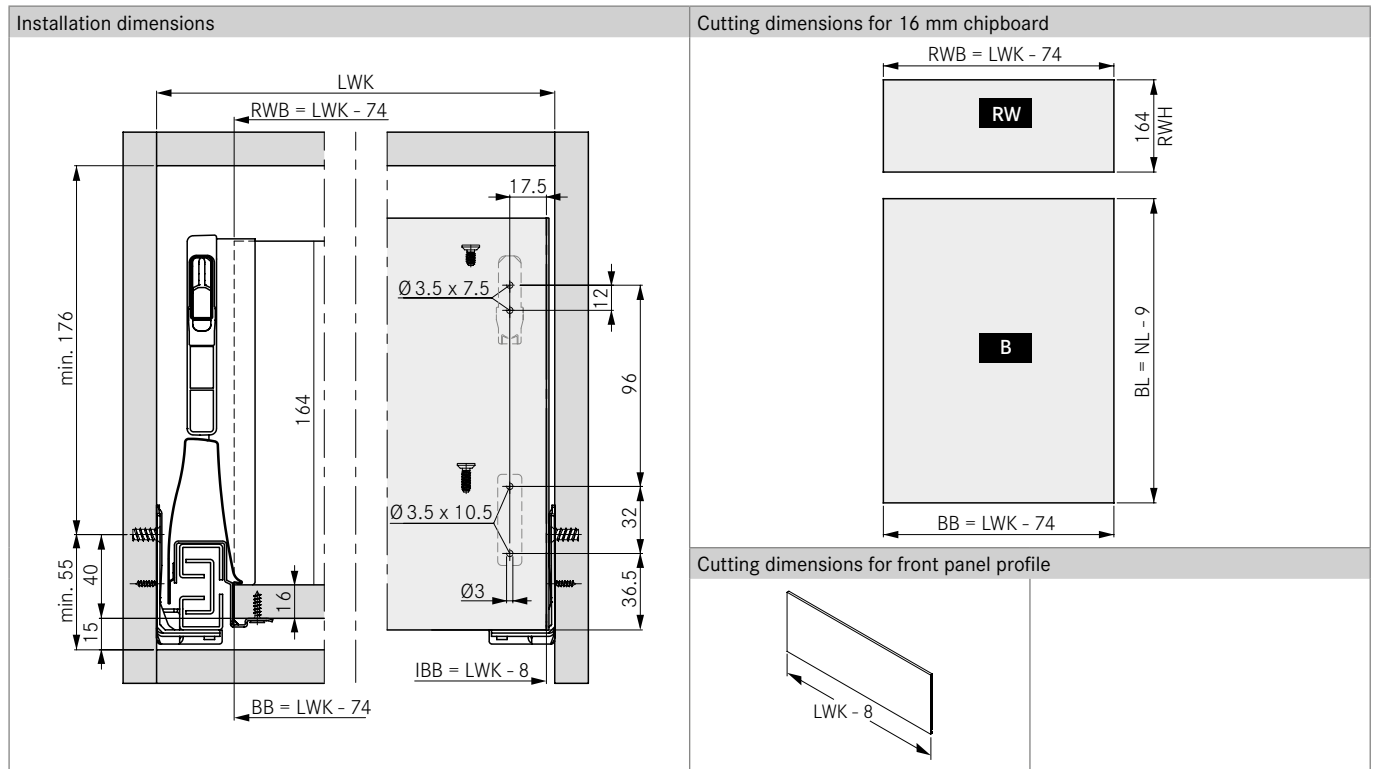
1 F8 inset panel for inset drawer H95 with rectangular railing																	
Single item: For cutting to length																	
L	Aluminium metallic				White				Champagne								
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU						
1160	F092101380		207 507*		F102101377		207 507*		F092101381		207 507*						
* incl. cardboard drilling template																	
2 Cover cap for F8 inset panel																	
Single item: Can be used on left/right																	
Aluminium metallic				White				Champagne									
Art.-no.		PU		Art.-no.		PU		Art.-no.		PU							
F102109573		214		F102101449		214		F092101453		214							
3 Rectangular screw-on railing																	
Set: Railing, railing clip (back) and cover cap, one left, one right																	
NL	Aluminium metallic				White				Champagne								
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU						
400	F092077409		507		F092072183		507		F092115074		507						
450	F092077410		507		F092072184		507		F092115075		507						
500	F092077411		507		F092072185		507		F092115076		507						
550	F092077412		507		F092072186		507		F092115077		507						
4 Front holder										5 Railing clip (front)							
Single item: incl. screws, can be used on left/right										Single item: incl. screws, can be used on left/right							
Description					Art.-no.		PU		Description					Art.-no.		PU	
For screw fixing					F092101589		223		For screw fixing					F102101587		233	
6 Front-bottom connector (optional)																	
Single item																	
Description					Art.-no.		PU										
Recommended from KB 600					F145117993		223										
7 DWD XP drawer sides H95 and clip H182 for wooden back panel										see page 18							

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INSTALLATION INFORMATION

All dimensions in millimetres

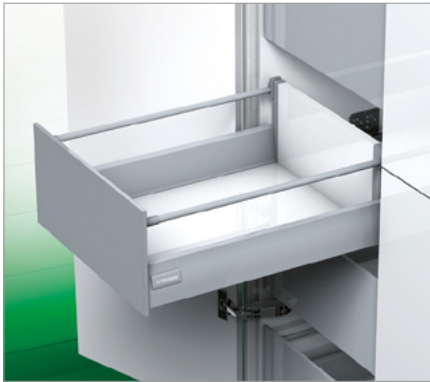


LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

F8 inset drawer H95 with round railing



- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

Packaging unit (PU):

- 207 = 10 units in a cardboard box
- 214 = 30 units in a cardboard box
- 223 = 100 units in a cardboard box
- 507 = 10 units in PE in a cardboard box
- 513 = 25 units in PE in a cardboard box

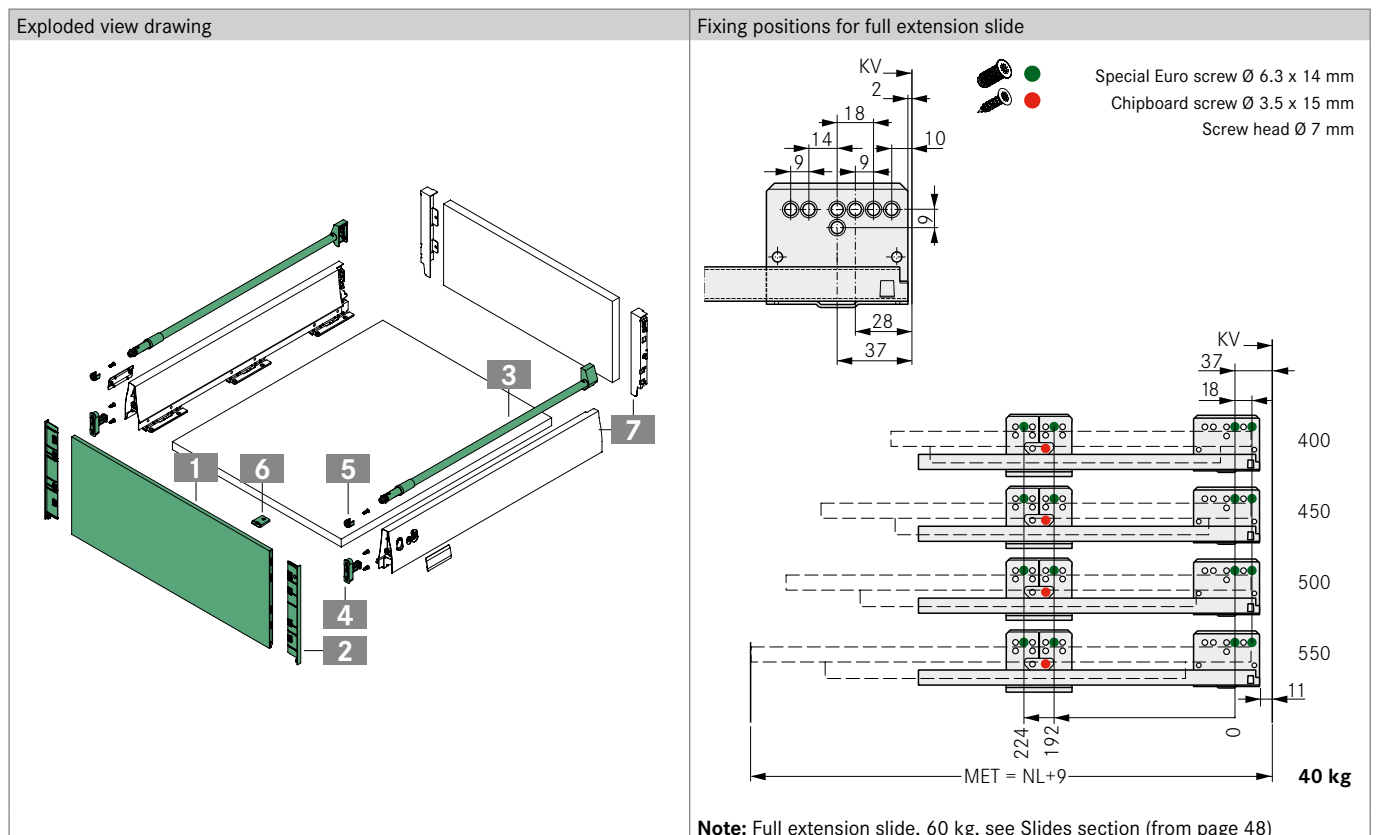
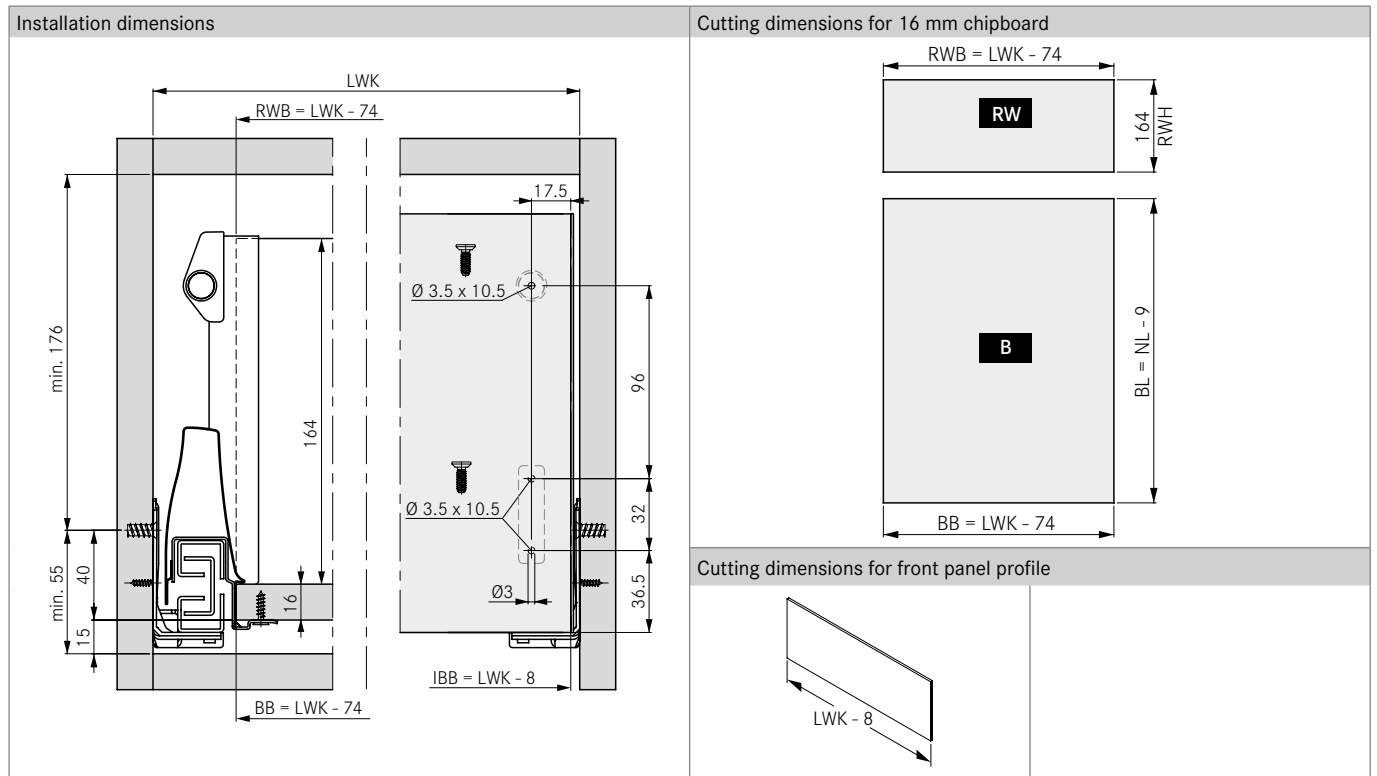
ORDER INFORMATION

1 F8 inset panel for inset drawer H95 with round railing																	
Single item: For cutting to length																	
L	Aluminium metallic				White				Champagne								
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU						
1160	F092101380		207	507*	F102101377		207	507*	F092101381		207	507*					
* incl. cardboard drilling template																	
2 Cover cap for F8 inset panel																	
Single item: Can be used on left/right																	
Aluminium metallic				White				Champagne									
Art.-no.		PU		Art.-no.		PU		Art.-no.		PU							
F102109573		214		F102101449		214		F092101453		214							
3 Round screw-on railing																	
Set: Railing, railing clip (front/back) and cover cap, one left, one right																	
NL	Aluminium metallic				White				Champagne								
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU						
400	F092075878		513	223	F092075879		513	223	F092075911		513	223					
450	F092075881		513	223	F092075882		513	223	F092075919		513	223					
500	F092075884		513	223	F092075885		513	223	F092075927		513	223					
550	F092075887		513		F092075888		513		F092115850		513						
600	F092075890		513		F092071890		513		F092115851		513						
4 Front holder										5 Railing clip (front)							
Single item: incl. screws, can be used on left/right										Single item: incl. screw, can be used on left/right							
Description					Art.-no.		PU		Description				Art.-no.		PU		
For screw fixing					F092101589		223		For screw fixing				F092101590		223		
6 Front-bottom connector (optional)																	
Single item																	
Description					Art.-no.		PU										
Recommended from KB 600					F145117993		223										
7 DWD XP drawer sides H95 and clip H182 for wooden back panel																	
see page 20																	

Drawer sides	11	Accessories	64	Sensomatic	75
Slides	46	Application examples	66	Organising systems	97
Add-on systems	58	Technical information	70	Assembly technology	112

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

F8 inset drawer H95 with TOP add-on



- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

Packaging unit (PU):

- 207 = 10 units in a cardboard box
- 214 = 30 units in a cardboard box
- 223 = 100 units in a cardboard box
- 507 = 10 units in PE in a cardboard box

ORDER INFORMATION

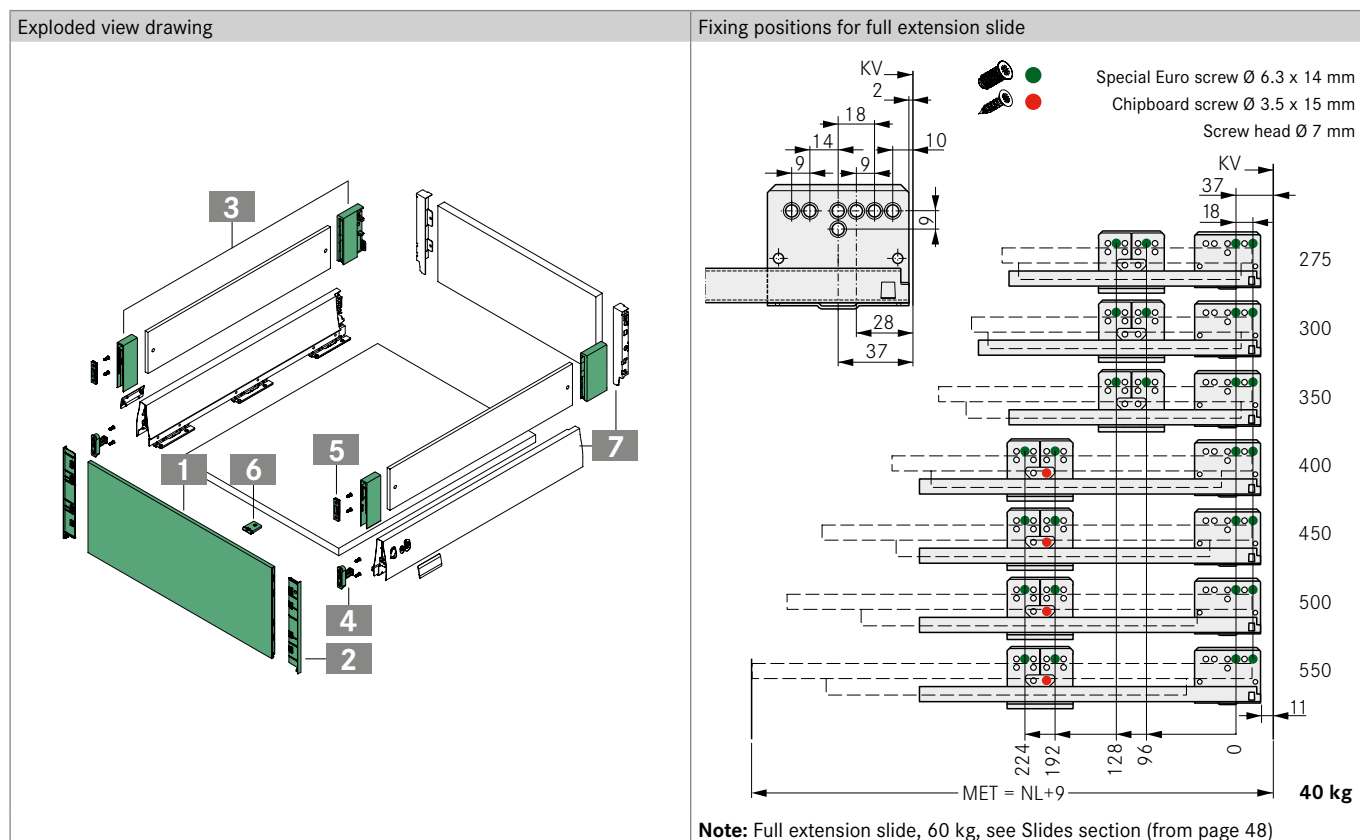
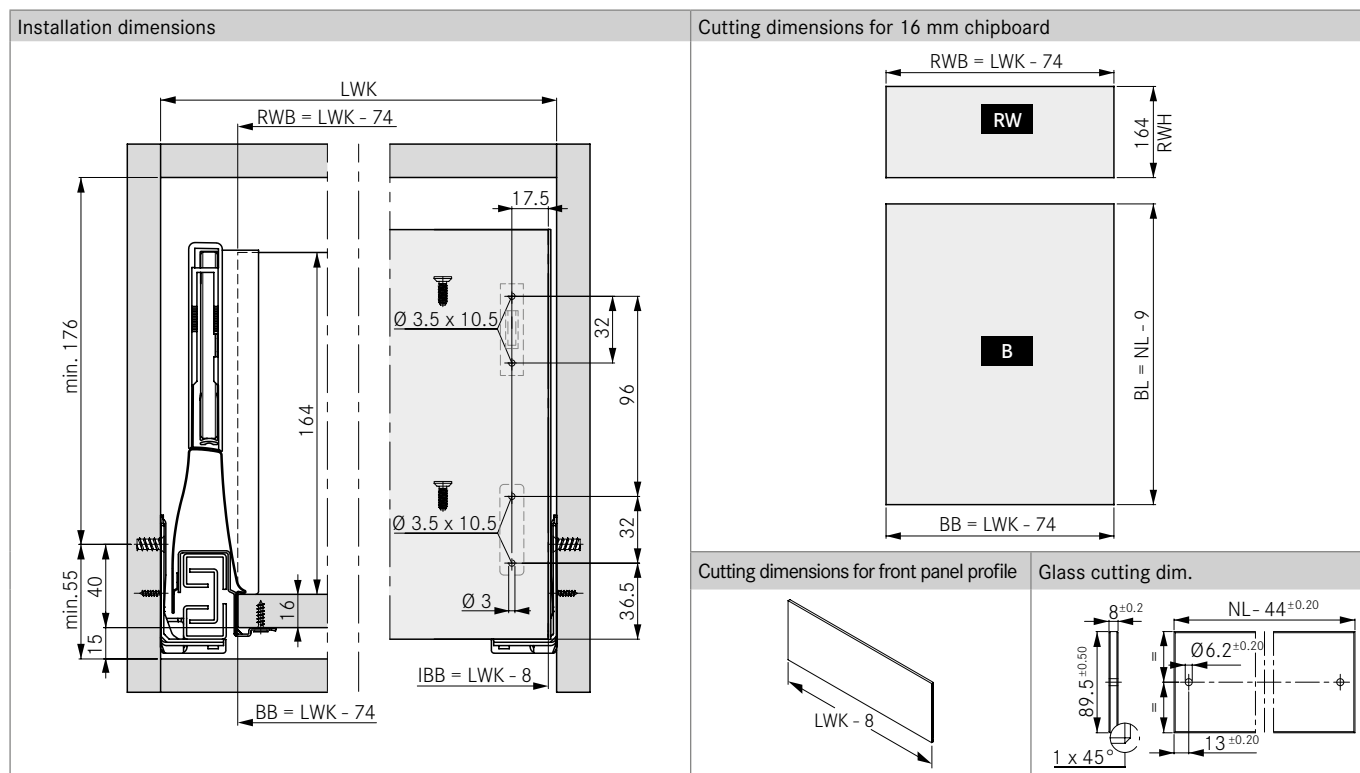
1 F8 inset panel for inset drawer H95 with TOP add-on Single item: For cutting to length																			
L	Aluminium metallic				White				Champagne										
	Art.-no.		PU		Art.-no.		PU		Art.-no.		PU								
1160	F092101380		207 507*		F102101377		207 507*		F092101381		207 507*								
* incl. cardboard drilling template																			
2 Cover cap for F8 inset panel Single item: Can be used on left/right																			
Aluminium metallic				White				Champagne											
Art.-no.		PU		Art.-no.		PU		Art.-no.		PU									
F102109573		214		F102101449		214		F092101453		214									
3 TOP add-on Set: Glass clip (front/back), one left, one right																			
Aluminium metallic				White				Champagne											
Art.-no.		PU		Art.-no.		PU		Art.-no.		PU									
F092116696		223		F092116698		223		F092101496		223									
4 Front holder Single item: incl. screws, can be used on left/right										5 Add-on clip (front) Single item: Can be used on left/right									
Description					Art.-no.					PU									
For screw fixing					F092101589					223									
For screw fixing					F092101588					223									
6 Front-bottom connector (optional) Single item																			
Description					Art.-no.					PU									
Recommended from cabinet width 600					F145117993					223									
7 DWD XP drawer sides H95 and clip H182 for wooden back panel see pages 16 and 18																			

PAGE REFERENCES

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Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres

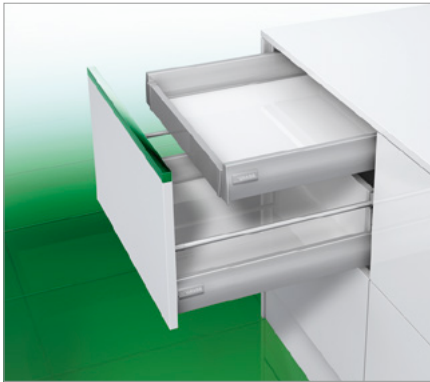


LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

Inset drawer H95

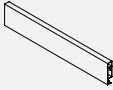

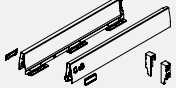


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

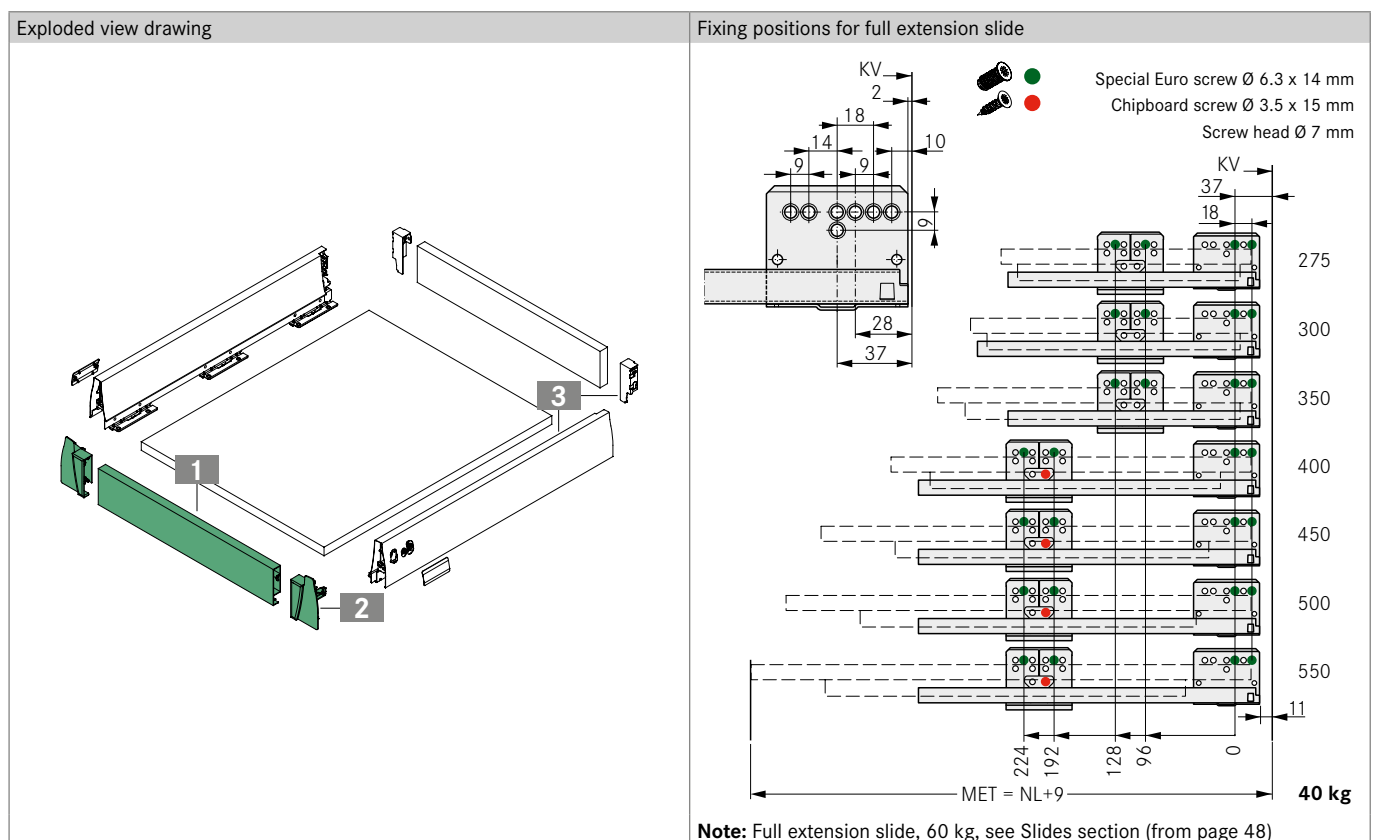
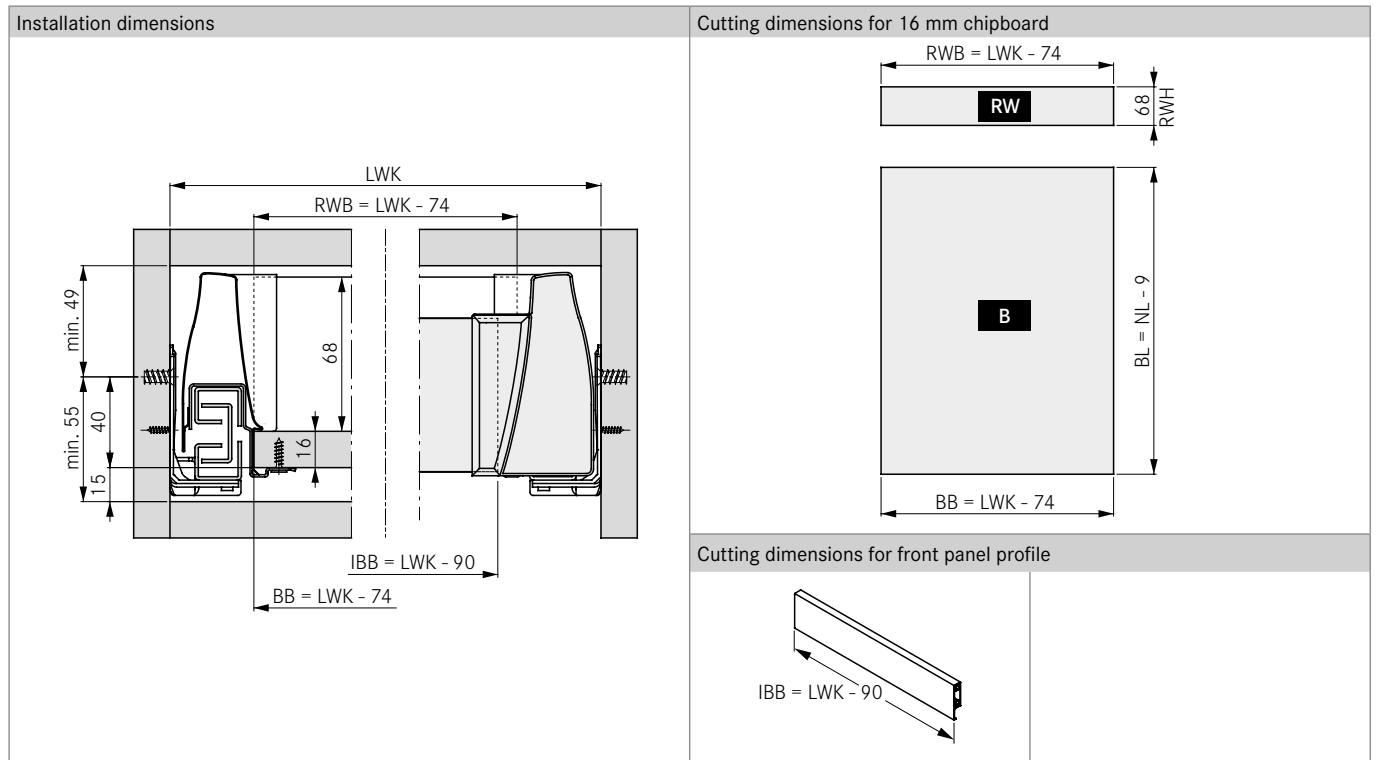
1 Inset panel for inset drawer H95 Single item: For cutting to length																						
L	Aluminium metallic			White			Champagne															
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU														
1077	F092083056	211		F092083077	211		F092083079	211														
2 Clip for inset panel Set: One left, one right																						
											Aluminium metallic			White			Champagne					
											Art.-no.	PU		Art.-no.	PU		Art.-no.	PU				
											F092083068	516	223	F092076840	516	223	F092083074	516	223			
3 DWD XP drawer sides H95 and clip H86 for wooden back panel see page 16																						

PAGE REFERENCES

Drawer sides	11	Application examples	66	Organising systems	97
Slides	46	Technical information	70	Assembly technology	112
Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres

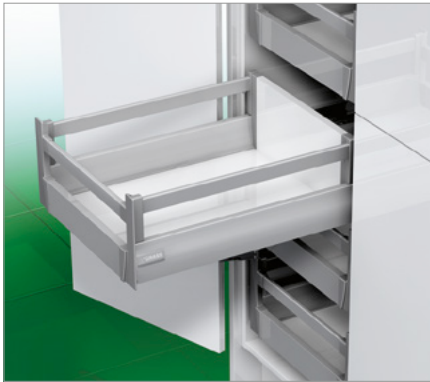


LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

Inset drawer H95 with rectangular railing


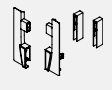
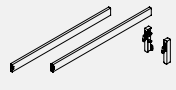

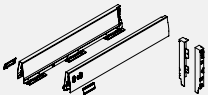


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 507 = 10 units in PE in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

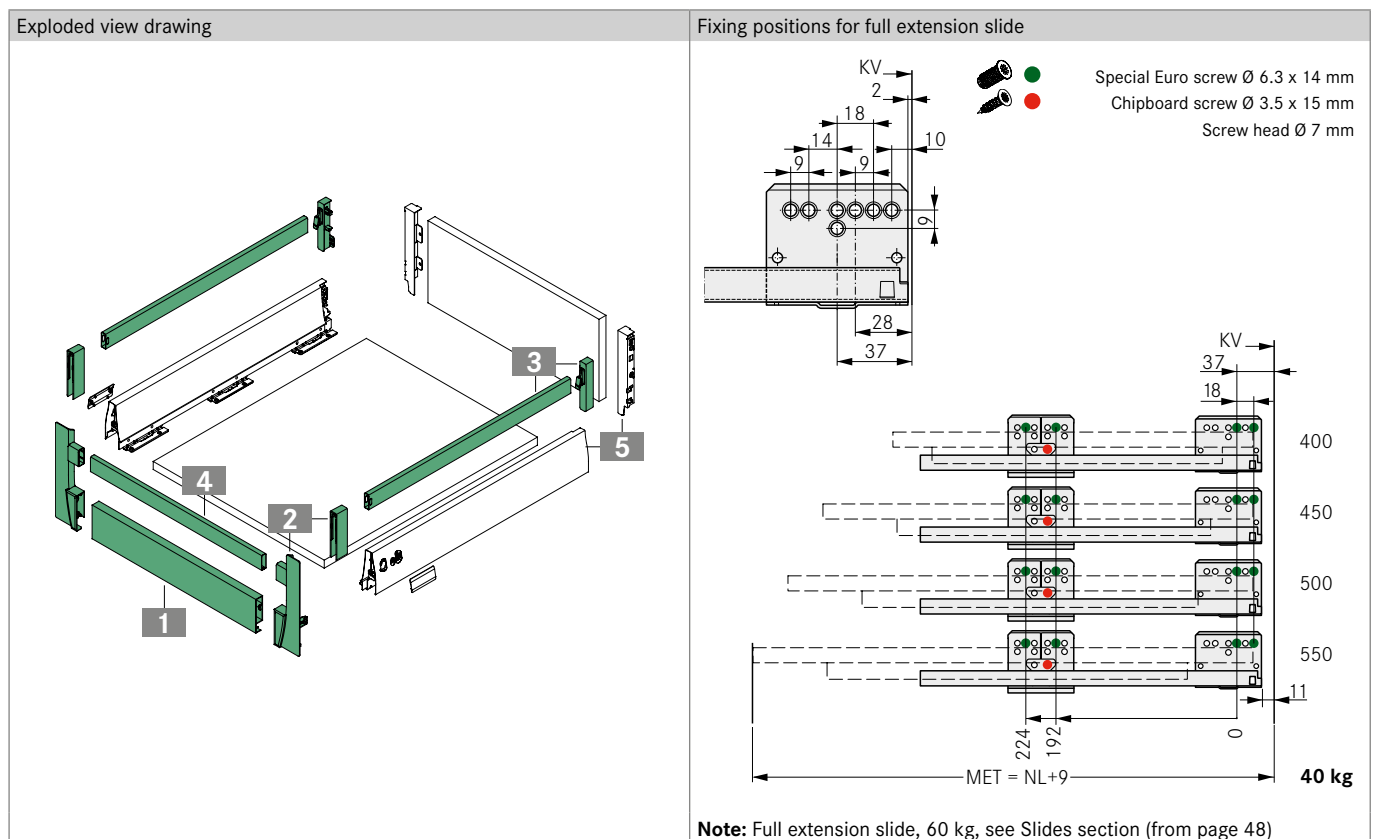
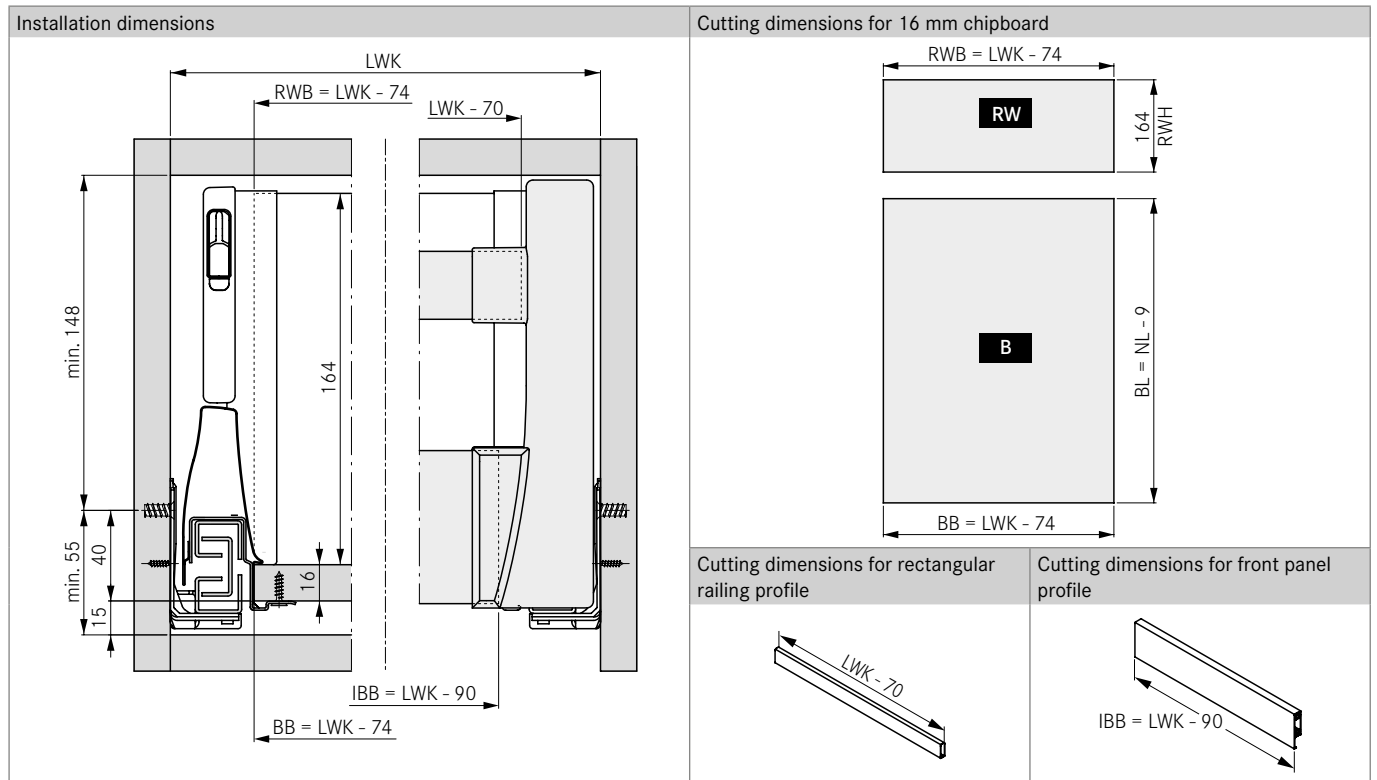
1 Inset panel for inset drawer H95 with rectangular railing Single item: For cutting to length														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
1077	F092083056	211		F092083077	211		F092083079	211						
2 Clip for inset panel and rectangular railing Set: Clip and cover cap, one left, one right														
	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
	F092077415	516		F092077416	516		F092076918	516						
3 Rectangular screw-on railing Set: Railing and railing clip (back), one left, one right														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
400	F092077409	507		F092072183	507		F092115074	507						
450	F092077410	507		F092072184	507		F092115075	507						
500	F092077411	507		F092072185	507		F092115076	507						
550	F092077412	507		F092072186	507		F092115077	507						
4 Rectangular cross railing Single item: For cutting to length														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
1150	F092077417	211		F092076916	211		F092076915	211						
5 DWD XP drawer sides H95 and clip H182 for wooden back panel see page 18														

PAGE REFERENCES

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Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

Inset drawer H95 with round railing



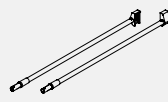
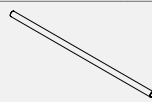
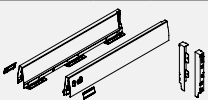


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 513 = 25 units in PE in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

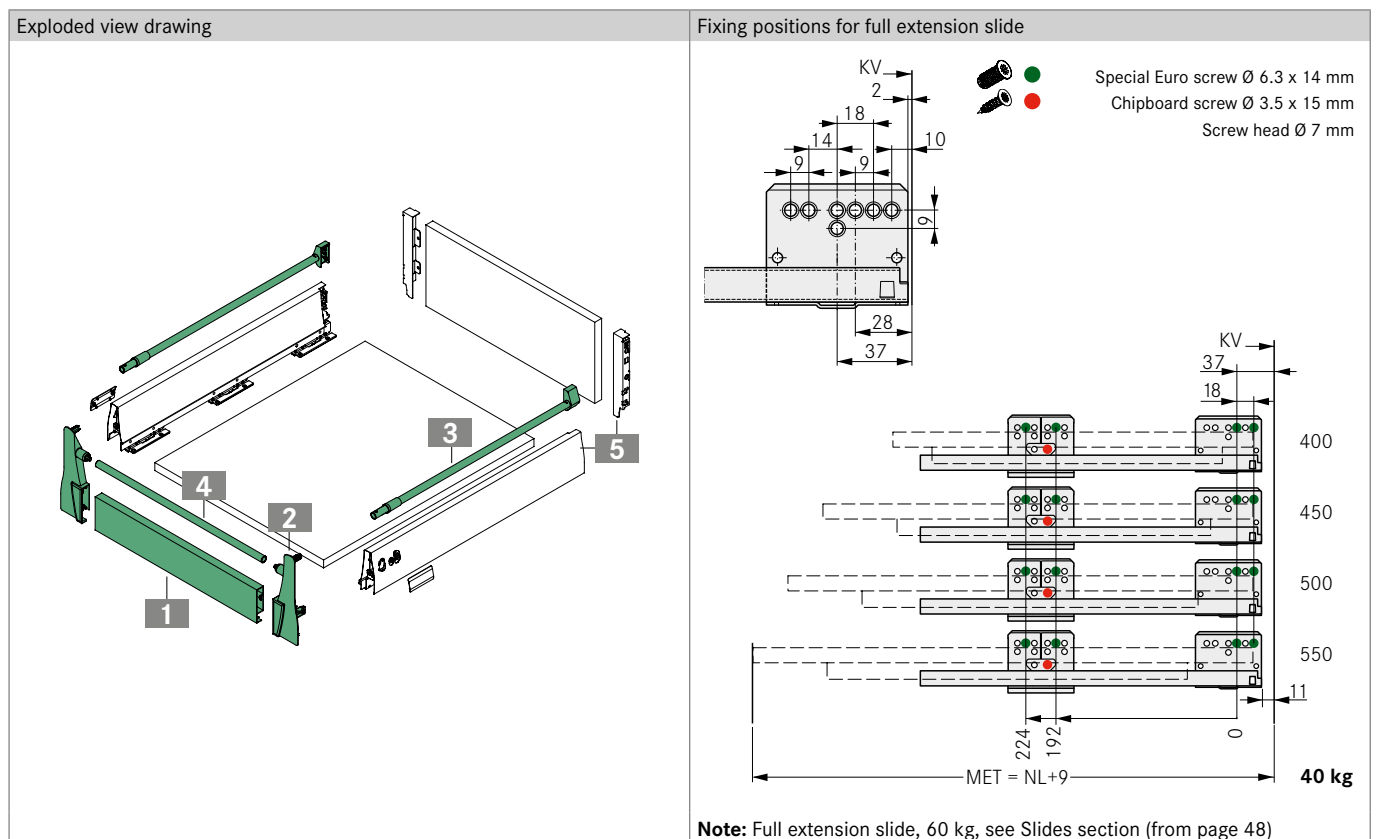
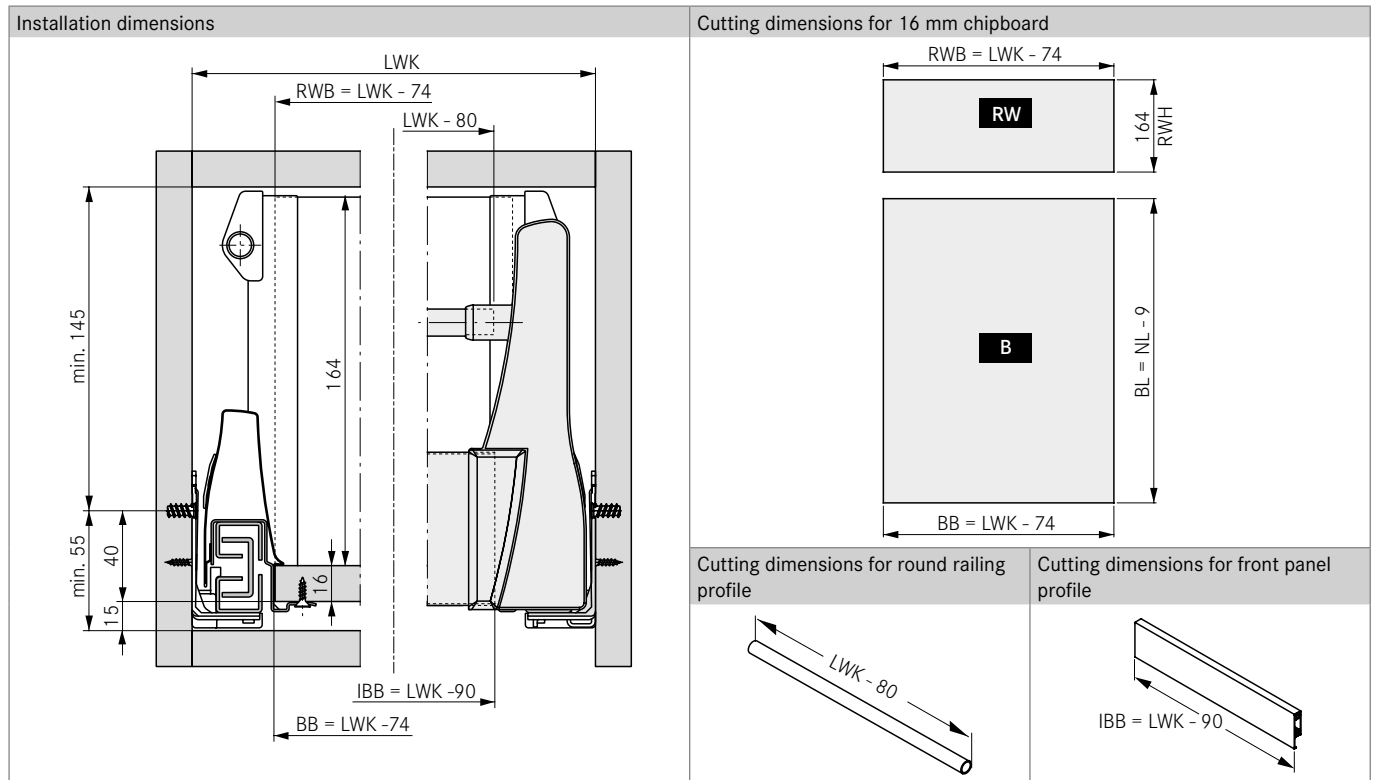
1 Inset panel for inset drawer H95 with round railing Single item: For cutting to length														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
1077	F092083056	211		F092083077	211		F092083079	211						
2 Clip for inset panel and round railing Set: Clip and cover cap, one left, one right														
		Aluminium metallic			White			Champagne						
		Art.-no.	PU		Art.-no.	PU		Art.-no.	PU					
		F092083101	516	223	F092076841	516	223	F092083107	516	223				
3 Round railing for inset drawer Set: Railing, railing clip (back) and cover cap, one left, one right														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
400	F092078012	513		F092078015	513		F092135439	513						
450	F092078013	513		F092078016	513		F092135440	513						
500	F092082446	513		F092082447	513		F092082448	513						
550	F092116378	513		F092078017	513		F092135441	513						
600	F092078014	513		F092078018	513		F092135442	513						
4 Round cross railing Single item: For cutting to length														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
1087	F092082461	211		F092082479	211		F092135121	211						
5 DWD XP drawer sides H95 and clip H182 for wooden back panel see page 20														

PAGE REFERENCES

Drawer sides	11	Accessories	64	Sensomatic	75
Slides	46	Application examples	66	Organising systems	97
Add-on systems	58	Technical information	70	Assembly technology	112

INSTALLATION INFORMATION

All dimensions in millimetres

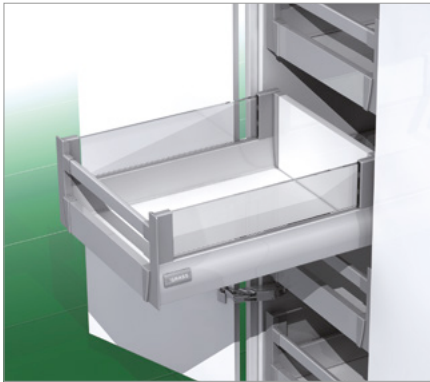


LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP

Inset drawer H95 with rectangular railing and TOP add-on

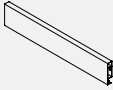


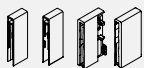
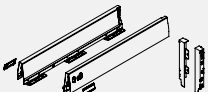


- Elegant add-on system
- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

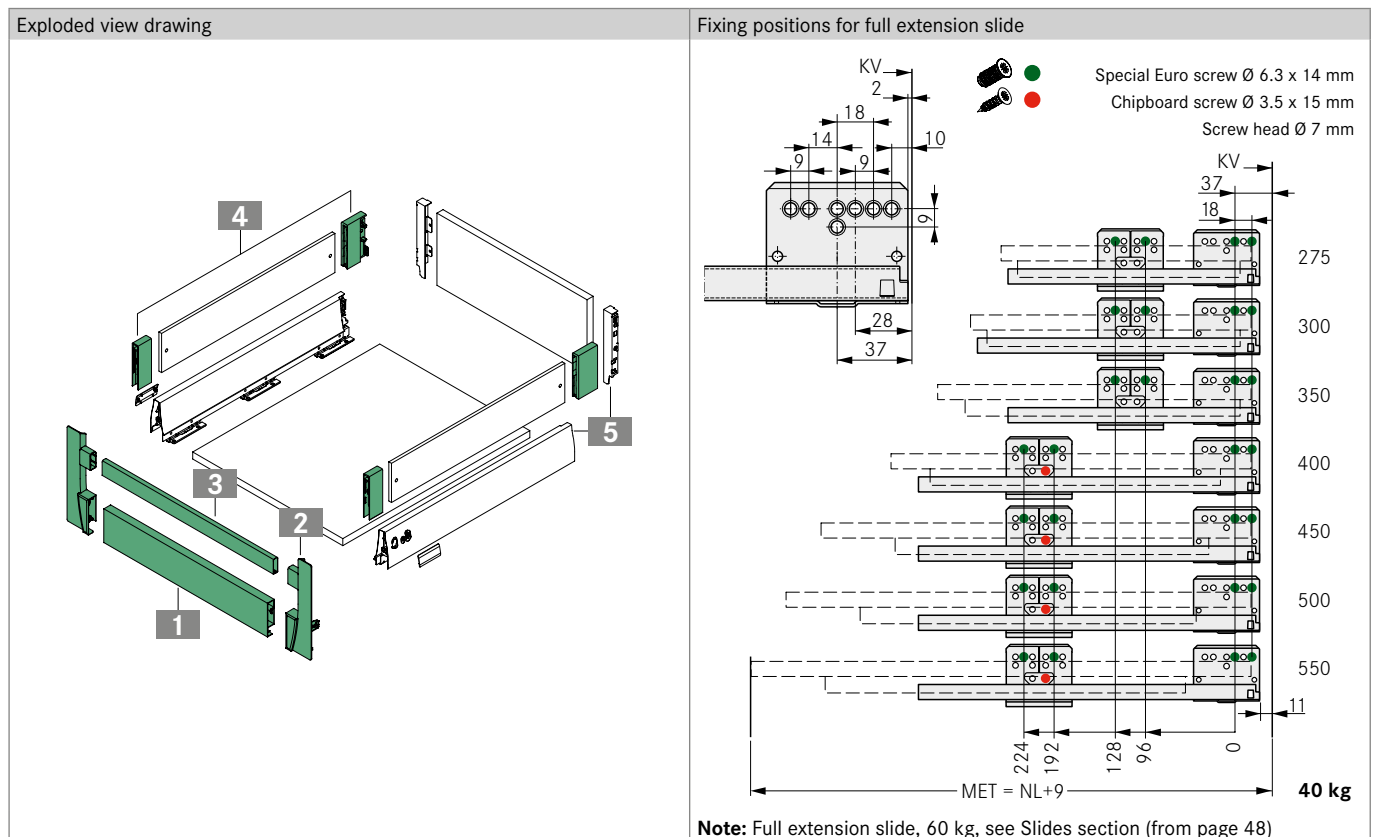
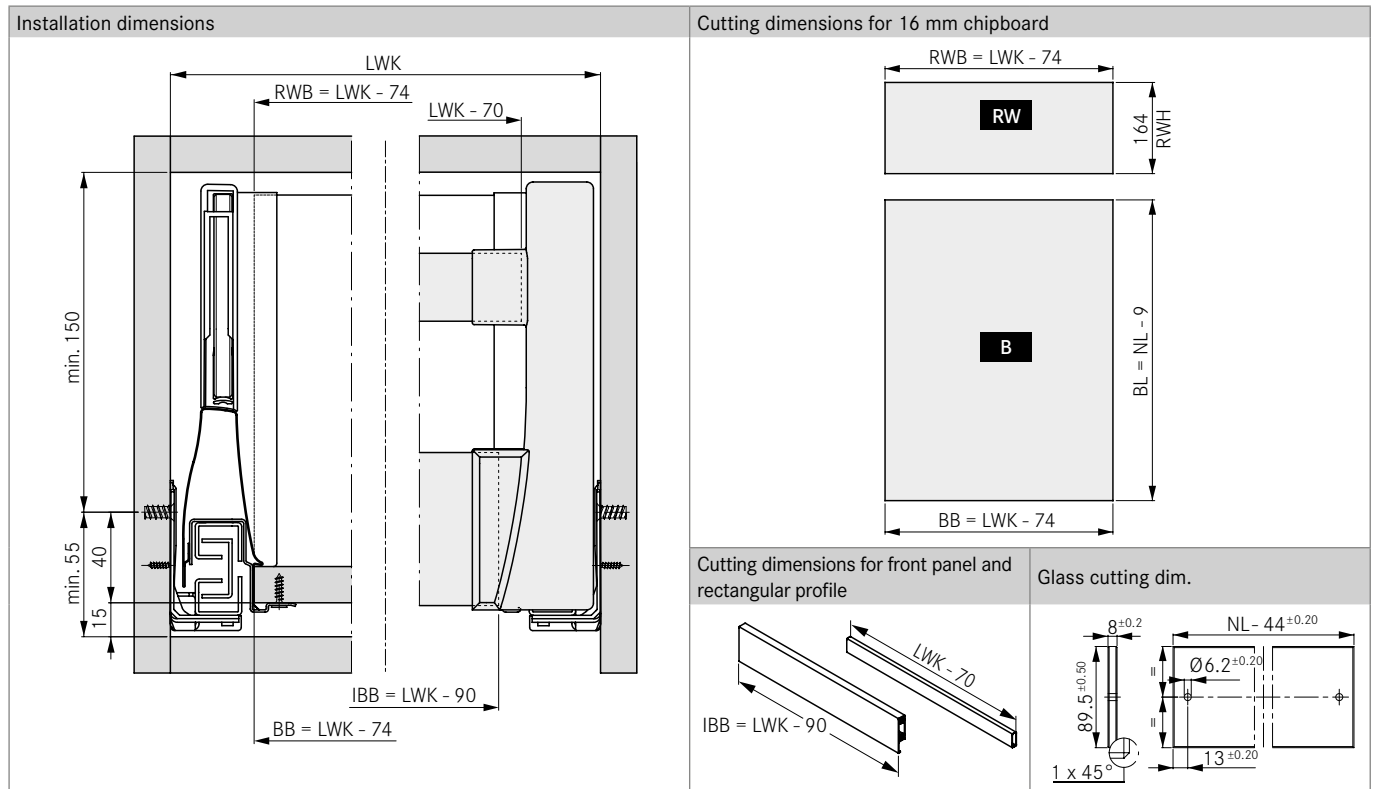
1 Inset panel for inset drawer H95 with TOP add-on Single item: For cutting to length														
L	Aluminium metallic				White				Champagne					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU						
1077	F092083056	211		F092083077	211		F092083079	211						
2 Clip for inset panel and TOP add-on Set: Clip, one left, one right														
	Aluminium metallic				White				Champagne					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU						
	F092077415	516		F092077416	516		F092076918	516						
3 Rectangular cross railing Single item: For cutting to length														
L	Aluminium metallic				White				Champagne					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU						
1150	F092077417	211		F092076916	211		F092076915	211						
4 TOP add-on Set: Glass clip (front/back), one left, one right														
	Aluminium metallic				White				Champagne					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU						
	F092116696	223		F092116698	223		F092101496	223						
5 DWD XP drawer sides H95 and clip H182 for wooden back panel see pages 16 and 18														

PAGE REFERENCES

Drawer sides	11	Application examples	66	Organising systems	97
Slides	46	Technical information	70	Assembly technology	112
Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel	KV	Front edge of cabinet	NL	Nominal length
BB	Bottom panel width	L	Length	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
IBB	Inset panel width	MET	Minimum installation depth	RWH	Height of back panel

DWD XP SOFT-CLOSE

Full extension slide, 40 kg



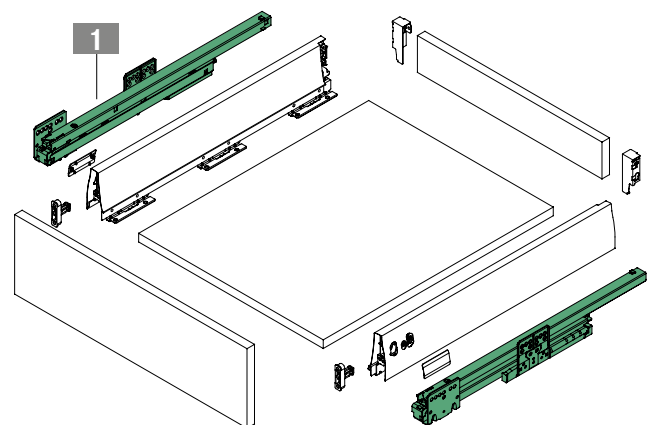
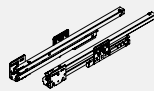
- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 40 kg

Packaging unit (PU):

211 = 20 units in a cardboard box

ORDER INFORMATION

1 DWD XP full extension slide, 40 kg, Soft-close Set: One left, one right			
NL	Art.-no.	PU	
275	F09 1075473	211	
300	F09 1077407	211	
350	F09 1075474	211	
400	F09 1075475	211	
450	F09 1075476	211	
500	F09 1075477	211	
550	F09 1075478	211	

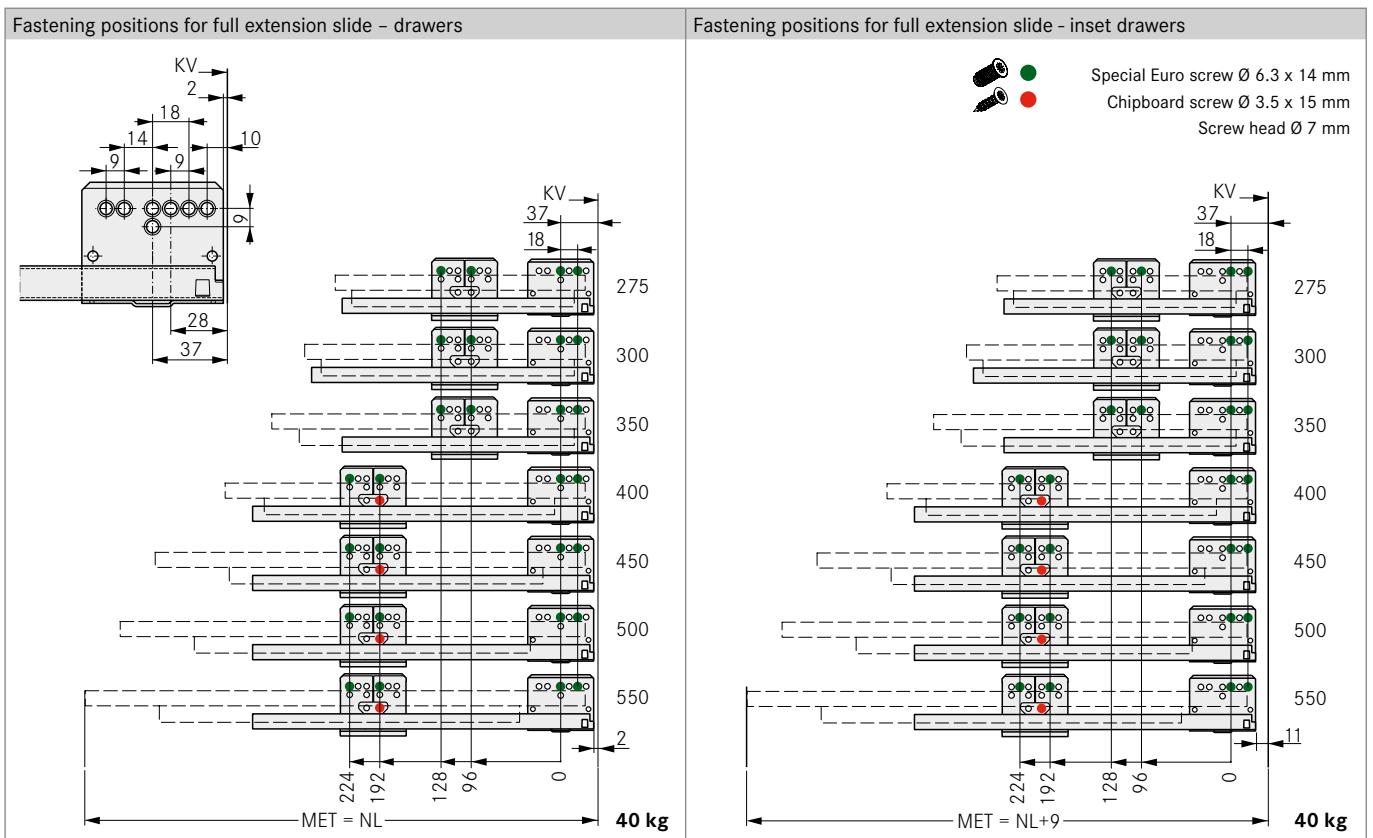
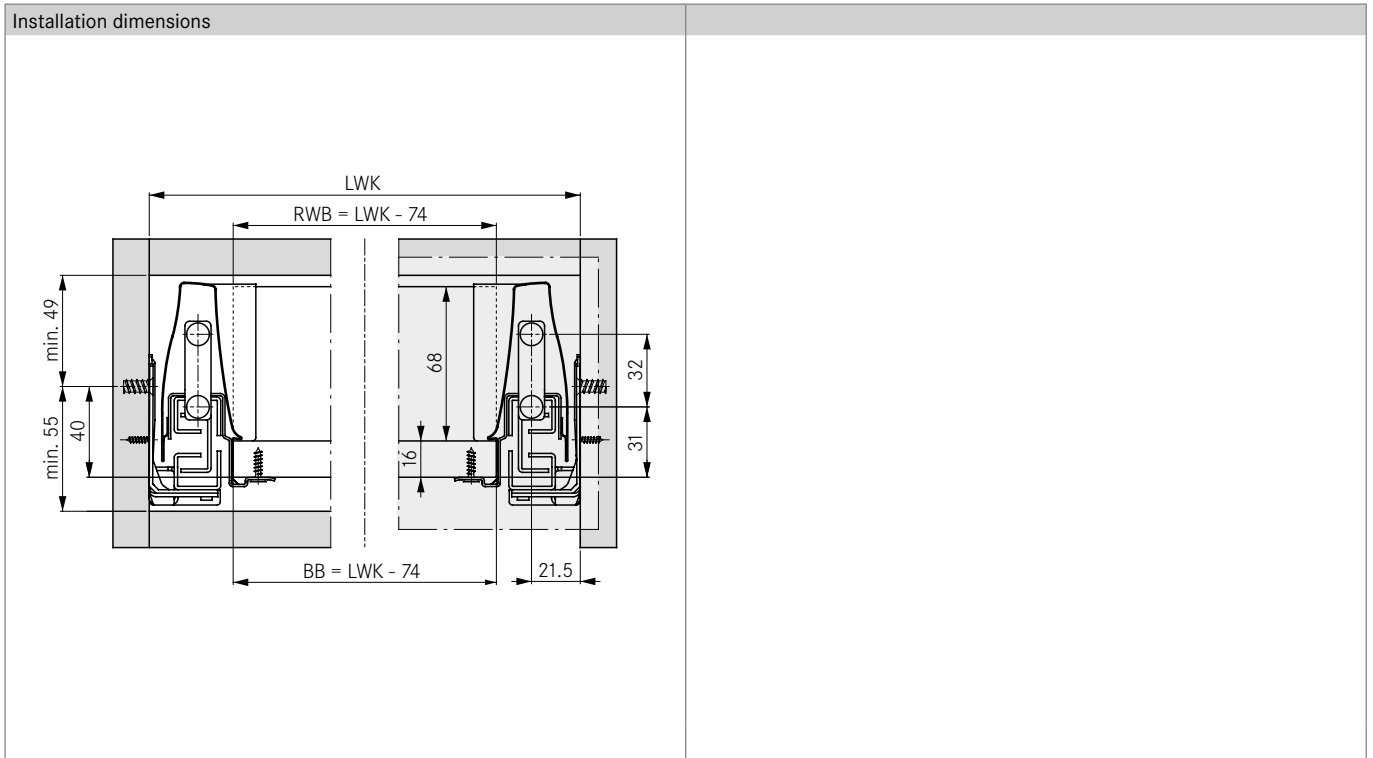


PAGE REFERENCES

Drawer sides	11	Application examples	66	Organising systems	97
Inset panels	30	Technical information	70	Assembly technology	112
Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B Bottom panel	KV Front edge of cabinet	RW Back panel
BB Bottom panel width	LWK Inside cabinet width	RWB Width of back panel
FAS Front overlay, side	MET Minimum installation depth	RWH Height of back panel
FST Front overlay	NL Nominal length	VAR Can be chosen

DWD XP SOFT-CLOSE

Full extension slide, 60 kg



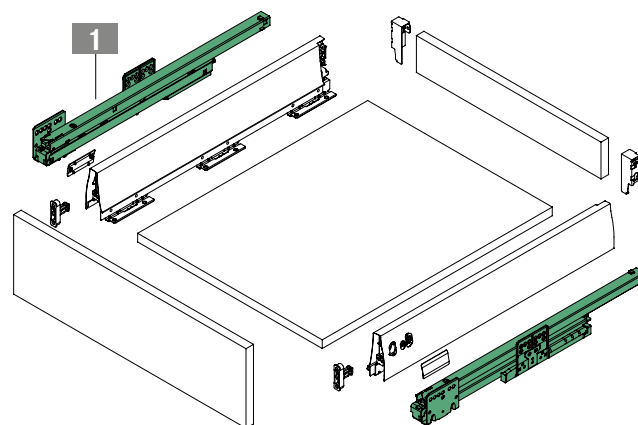
- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 60 kg

Packaging unit (PU):

211 = 20 units in a cardboard box

ORDER INFORMATION

1 DWD XP full extension slide, 60 kg, Soft-close Set: One left, one right			
NL	Art.-no.	PU	
450	F09 1075528	211	
500	F09 1075529	211	
550	F09 1075530	211	
600	F09 1075531	211	
650	F09 1075532	211	

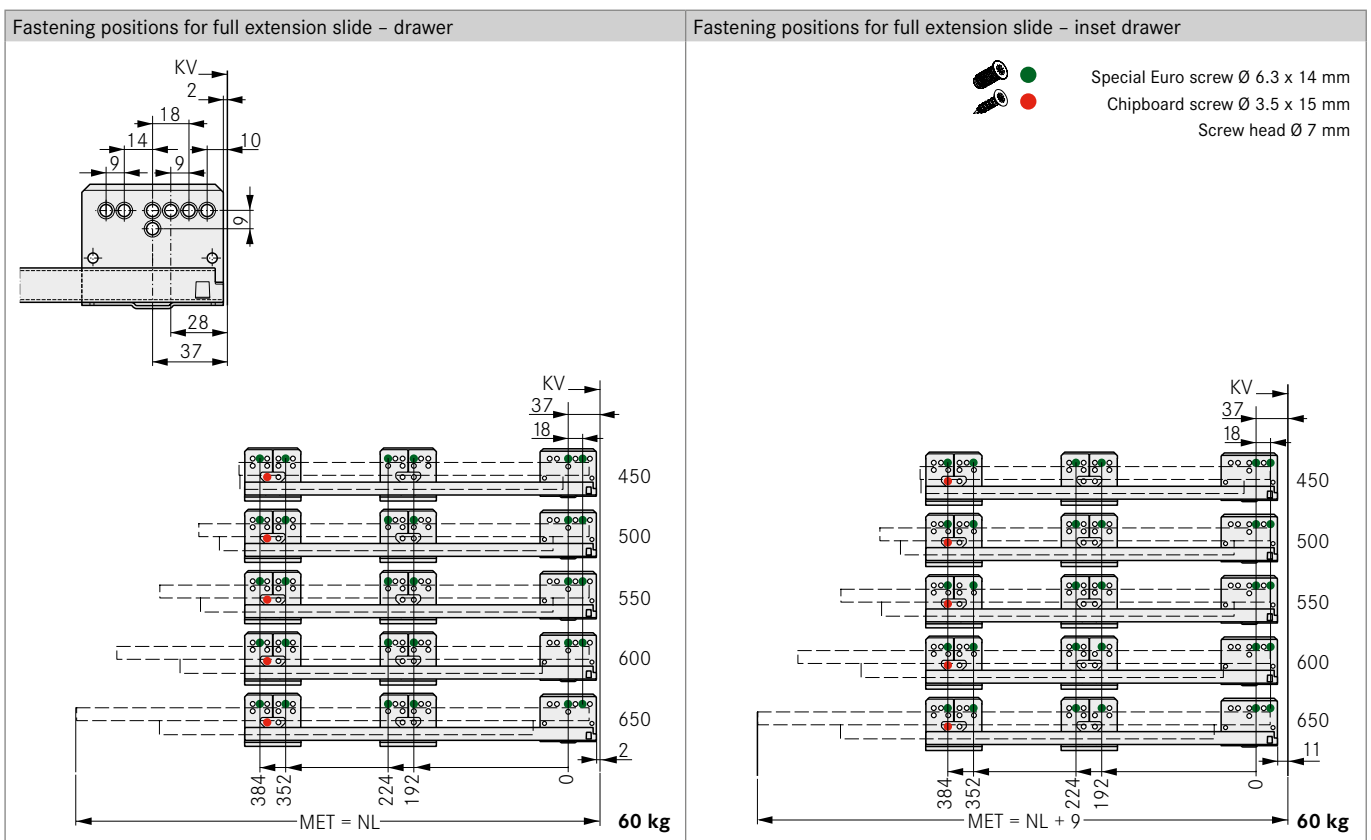
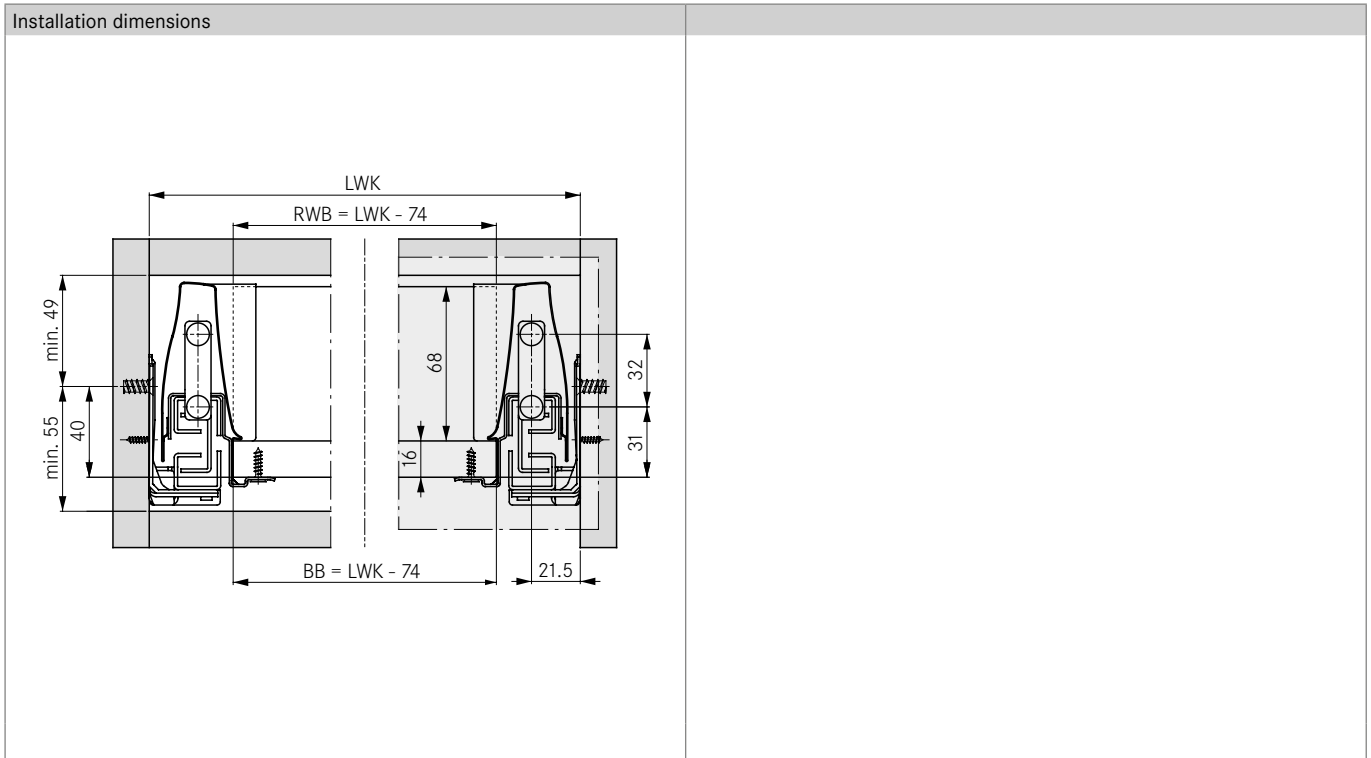


PAGE REFERENCES

Drawer sides	11	Application examples	66	Organising systems	97
Inset panels	30	Technical information	70	Assembly technology	112
Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres

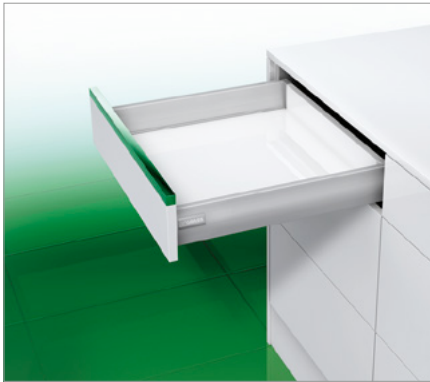


LEGEND

B	Bottom panel	KV	Front edge of cabinet	RW	Back panel
BB	Bottom panel width	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel
FST	Front overlay	NL	Nominal length	VAR	Can be chosen

DWD XP TIPMATIC PLUS

Full extension slide, 40 kg



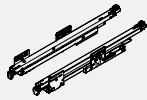
- Mechanical opening system
- Can be triggered by gently tapping anywhere on the surface of the front panel
- Optimal access to the contents due to maximum opening distance of drawer
- Reliable closing through catch function
- Precise adjustment of front gap thanks to depth adjustment on both sides
- No drawer modification required
- Safety lock and transport protection

Packaging unit (PU):

- 123 = 100 units in PE
- 204 = 5 units in a cardboard box
- 207 = 10 units in a cardboard box
- 223 = 100 units in a cardboard box
- 511 = 20 units in PE in a cardboard box

ORDER INFORMATION

1 DWD XP full extension slide, 40 kg, Tipmatic Plus Set: One left, one right			
NL	Art.-no.	PU	
275	F091075464	204	
300	F091077408	204	
350	F091075465	204	
400	F091075466	204	
450	F091075467	204	
500	F091075468	204	
550	F091075469	204	



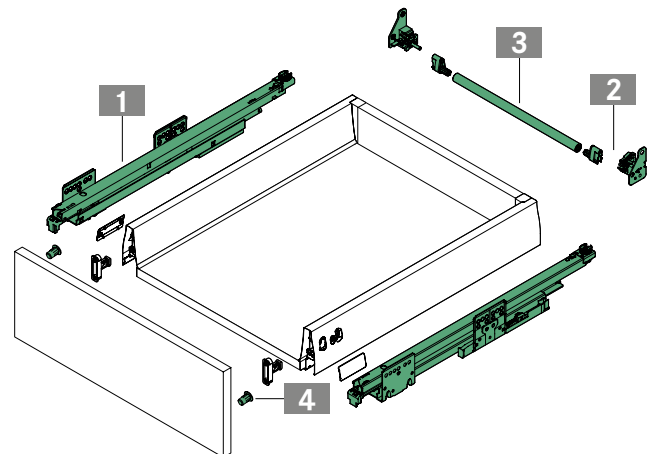
2 Fixing set Locking unit and synchronisation lever, one left, one right			
Aluminium metallic	PU		
F092083209	511 223		



3 Synchronisation rod Single item: For cutting to length			
L	Art.-no.	PU	
1070	F092082612	207	



4 Front buffer Single item			
Art.-no.	PU		
F145068399	123		

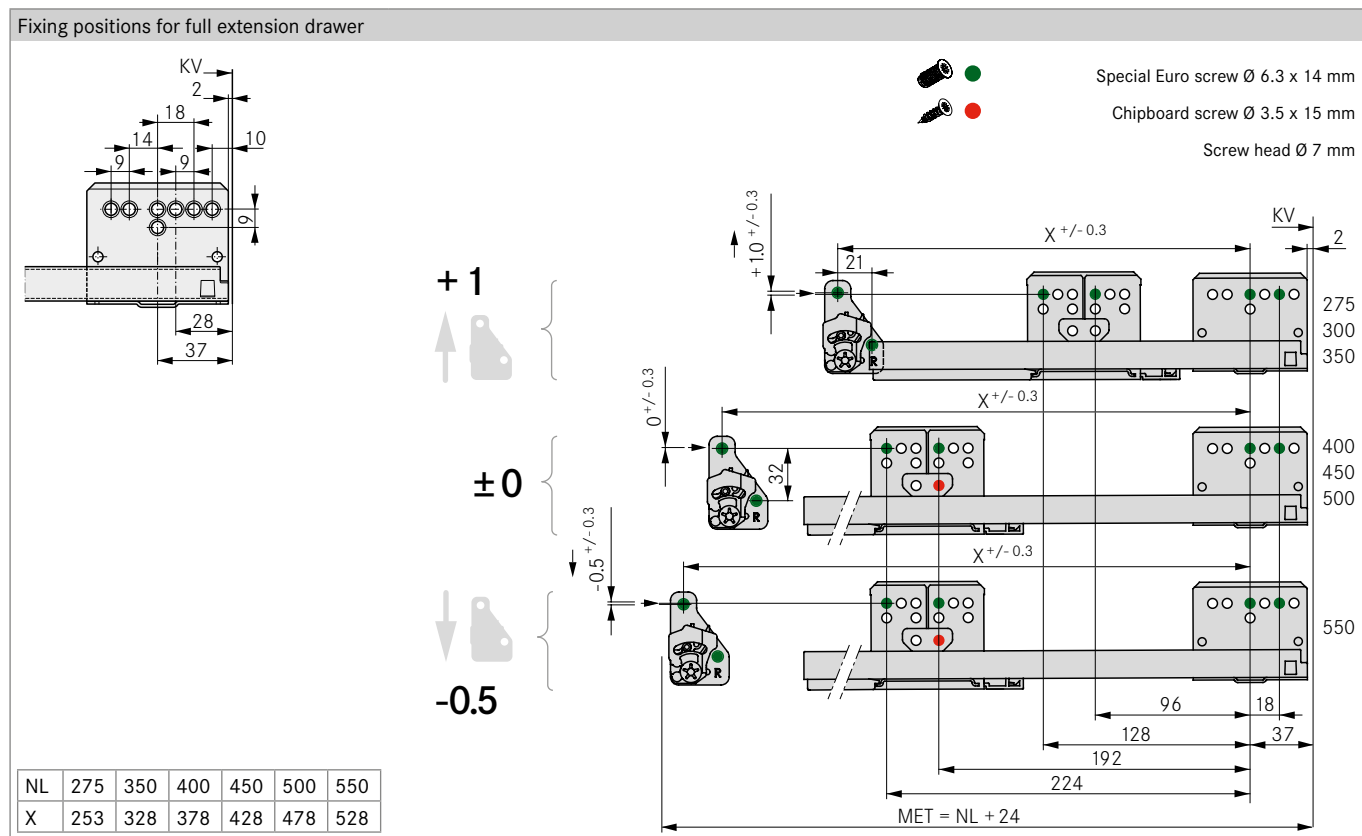
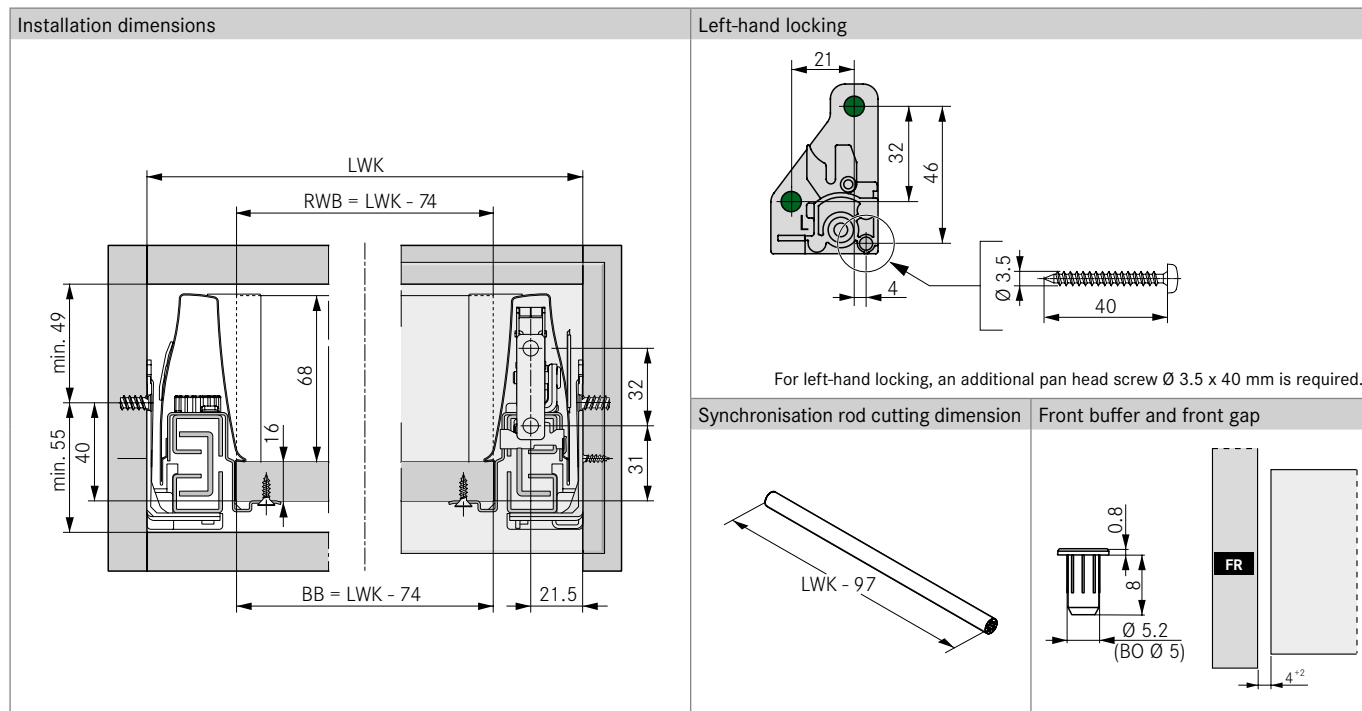


PAGE REFERENCES

Drawer sides	11	Application examples	66	Assembly technology	112
Inset panels	30	Technical information	70	Assembly aids	116
Accessories	64	Organising systems	97	Packaging code	119

INSTALLATION INFORMATION

All dimensions in millimetres

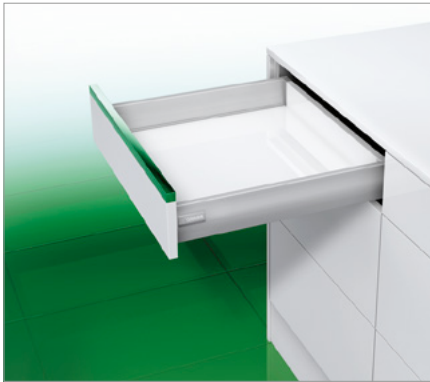


LEGEND

BB	Bottom panel width	L	Length	RWB	Width of back panel
BO	Drill hole	LWK	Inside cabinet width		
KB	Cabinet width	MET	Minimum installation depth		
KV	Front edge of cabinet	NL	Nominal length		

DWD XP

Drawer H95 - flat pack

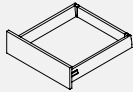


- Flat-pack set packaging
- All GRASS components for one drawer in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

Packaging unit (PU):

201 = 1 unit in a cardboard box

ORDER INFORMATION

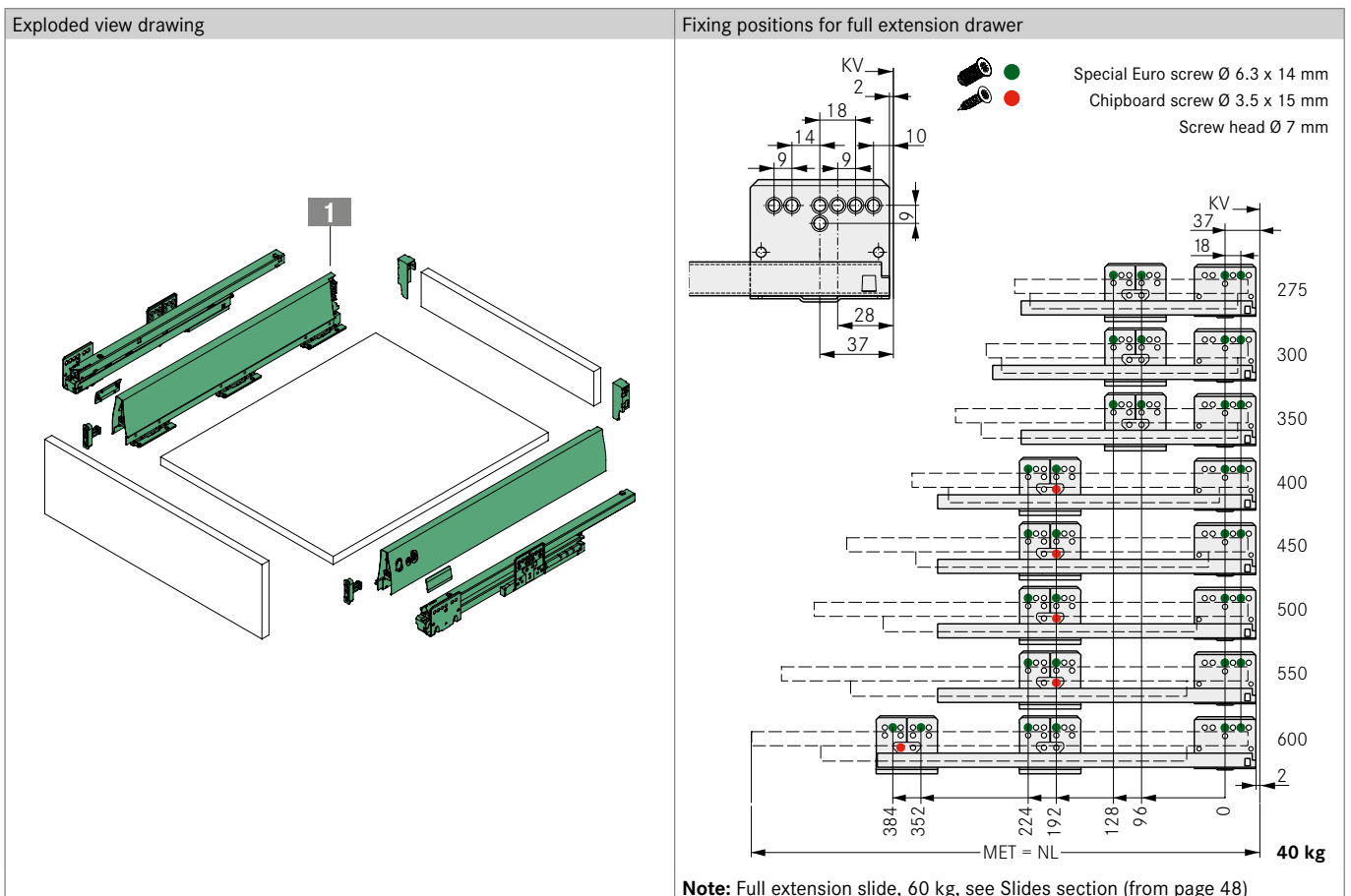
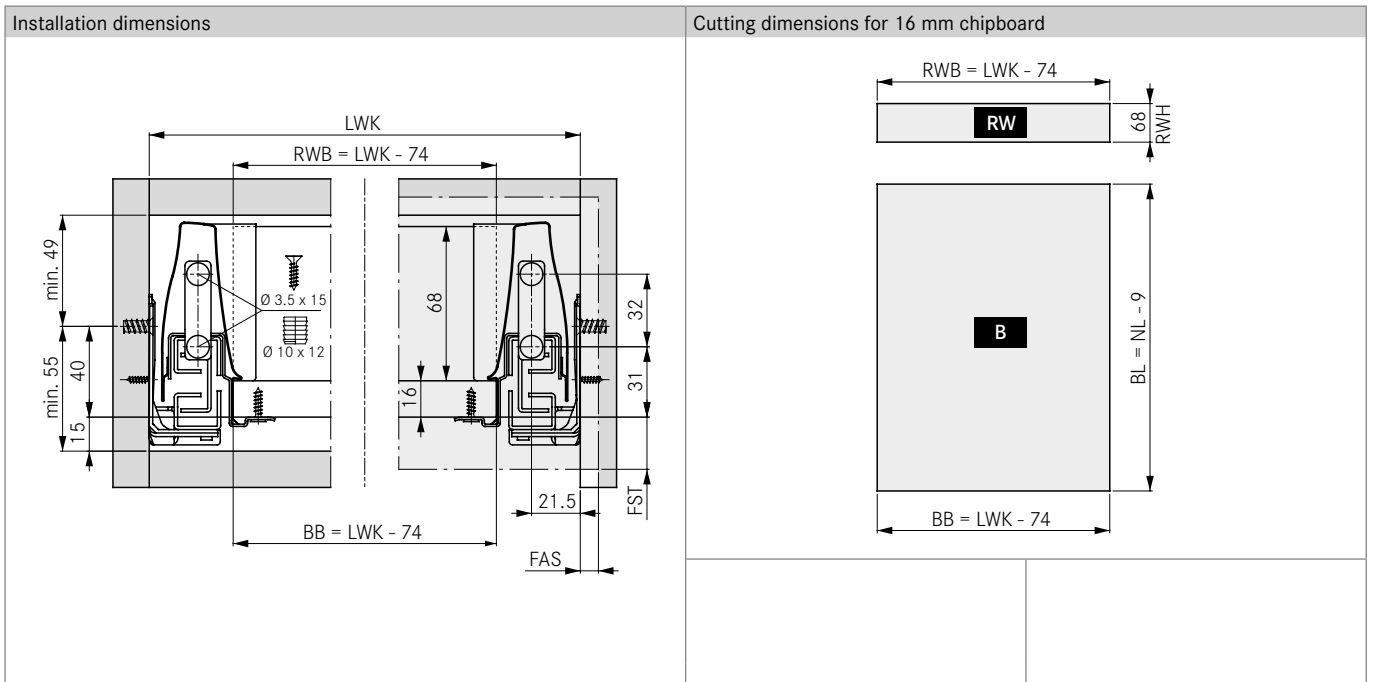
1 DWD XP drawer H95 Set: Drawer side H95 incl. cover cap, slide (Soft-close, 40 kg), clip H86 for wooden back panel and front holder, one left, one right															
NL	Aluminium metallic			White				Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
275	F090075391	201		F090115141	201		F090135107	201							
300	F090135151	201		F090135153	201		F090135108	201							
350	F090075393	201		F090115142	201		F090135109	201							
400	F090075395	201		F090075396	201		F090135110	201							
450	F090075398	201		F090075399	201		F090135111	201							
500	F090075401	201		F090075402	201		F090135112	201							
550	F090075404	201		F090115143	201		F090135113	201							
600	F090135152	201		F090116211	201		F090135114	201							

PAGE REFERENCES

Accessories	64	Sensomatic	75	Assembly aids	116
Application examples	66	Organising systems	97	Packaging code	119
Technical information	70	Assembly technology	112		

INSTALLATION INFORMATION

All dimensions in millimetres

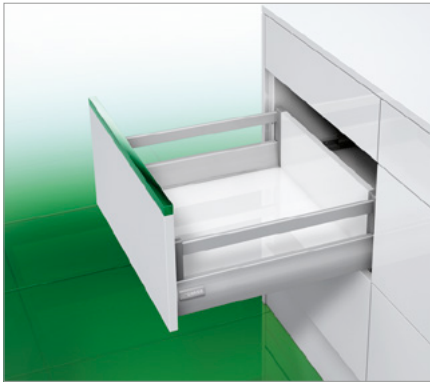


LEGEND

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

DWD XP

Pot drawer H95 with rectangular railing - flat pack



- Flat-pack set packaging
- All GRASS components for one pot drawer with rectangular railing in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

Packaging unit (PU):

201 = 1 unit in a cardboard box

ORDER INFORMATION

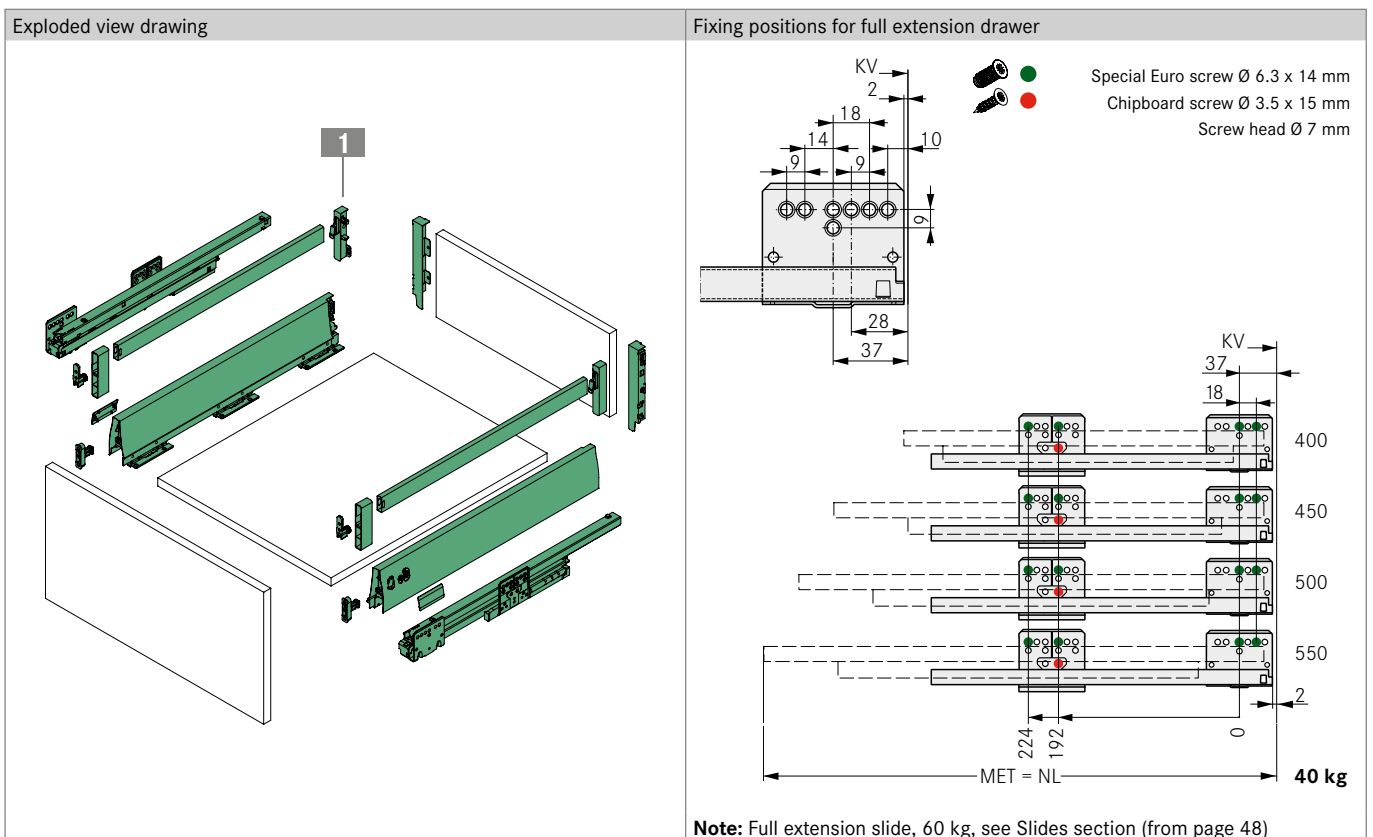
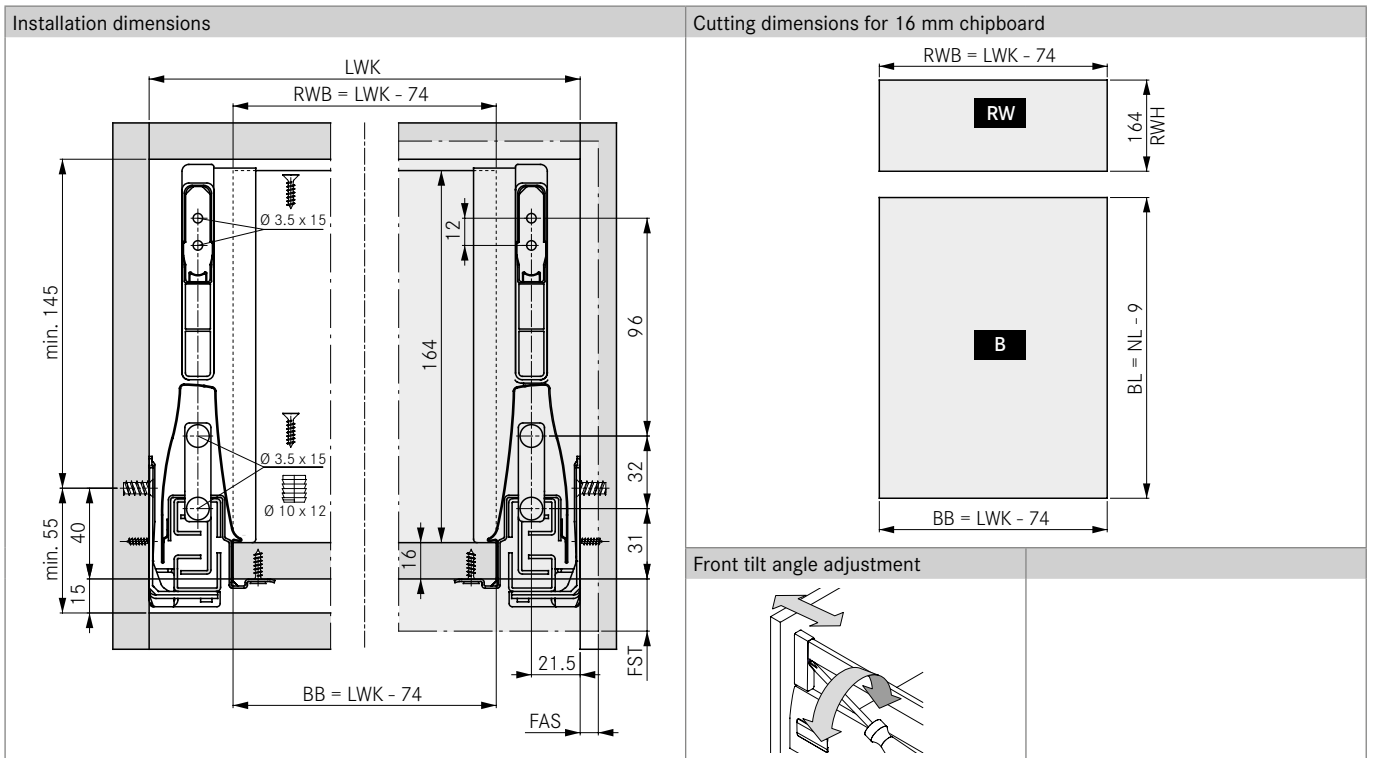
1 DWD XP pot drawer H95 with rectangular railing Set: Drawer side H95 incl. cover cap, slide (Soft-close, 40 kg), clip H 182 for wooden back panel, front holder, railing, railing clip (front/back) and cover cap, one left, one right														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
400	F090135415	201		F090135414	201		F090135416	201						
450	F090135418	201		F090135417	201		F090135419	201						
500	F090135421	201		F090135420	201		F090135422	201						
550	F090135424	201		F090135423	201		F090135425	201						

PAGE REFERENCES

Accessories	64	Sensomatic	75	Assembly aids	116
Application examples	66	Organising systems	97	Packaging code	119
Technical information	70	Assembly technology	112		

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

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

DWD XP

Pot drawer H95 with round railing - flat pack

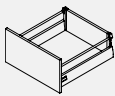


- Flat-pack set packaging
- All GRASS components for one pot drawer with round railing in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

Packaging unit (PU):

201 = 1 unit in a cardboard box

ORDER INFORMATION

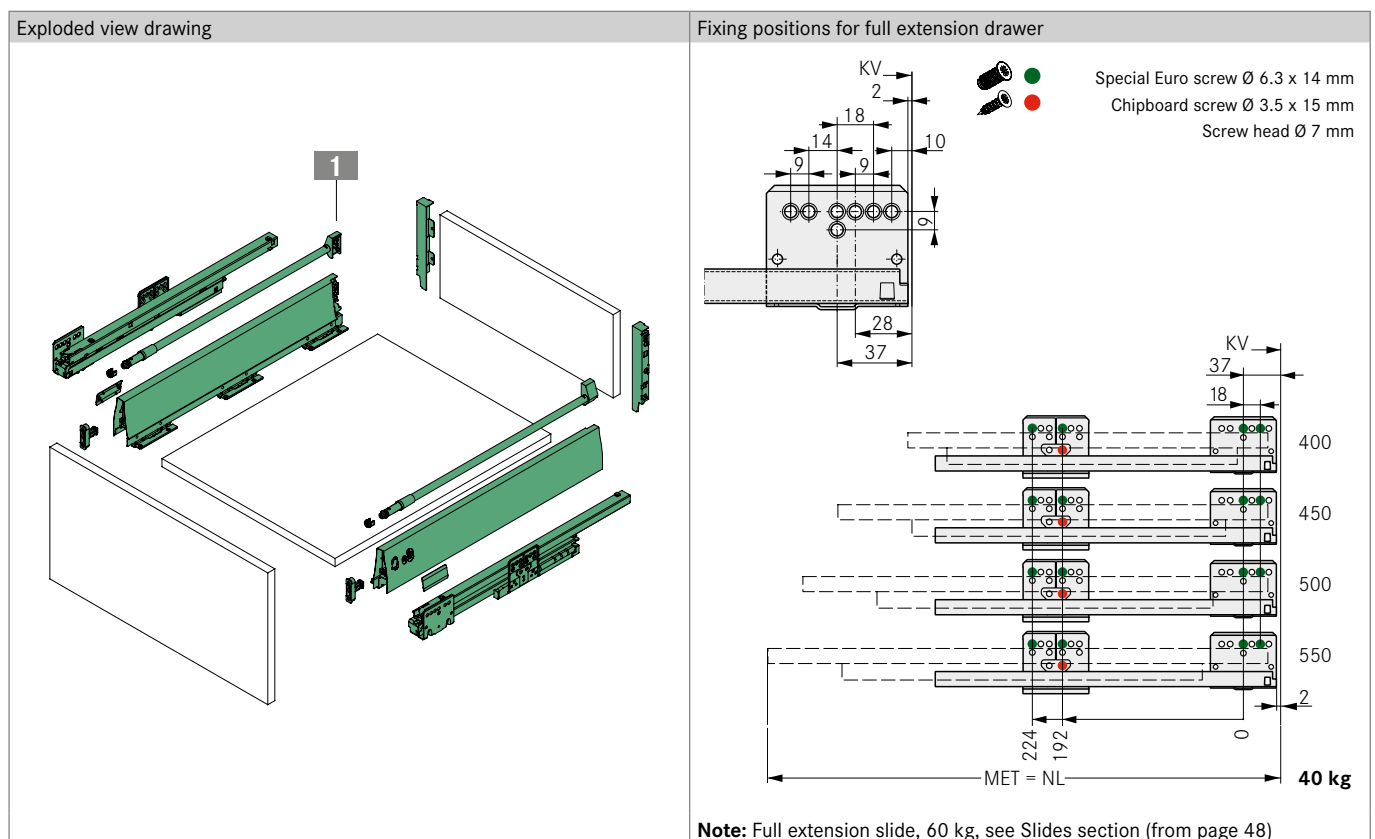
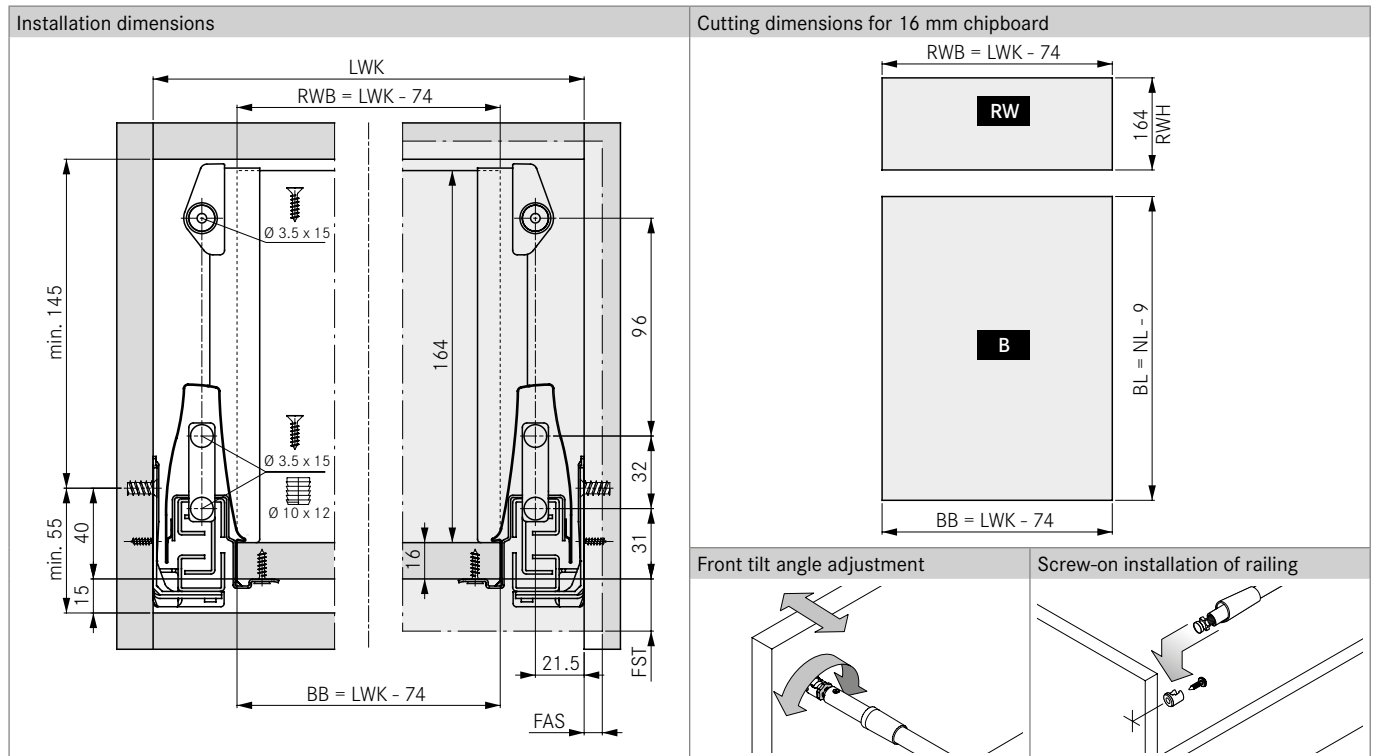
1 DWD XP pot drawer H95 with round railing Set: Drawer side H95 incl. cover cap, slide (Soft-close, 40 kg), clip H 182 for wooden back panel, front holder, railing, railing clip (front/back) and cover cap, one left, one right															
NL	Aluminium metallic			White			Champagne								
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
400	F090075406	201		F090116371	201		F090135115	201							
450	F090075408	201		F090075409	201		F090135116	201							
500	F090075410	201		F090075411	201		F090135117	201							
550	F090075413	201		F090116372	201		F090135118	201							

PAGE REFERENCES

Add-on systems	58	Technical information	70	Assembly technology	112
Accessories	64	Sensomatic	75	Assembly aids	116
Application examples	66	Organising systems	97	Packaging code	119

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

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

DWD XP ADD-ON SYSTEMS

Variowing



- Elegant add-on system for round railing
- Individual design by using different materials as inserts, such as glass or plastic
- Easy installation without tools
- Can be complemented by the Magic Optima dividing system
- Suitable for 4 mm slide-in elements
- Acrylic glass set available

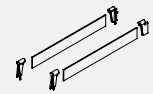
Packaging unit (PU):

511 = 20 units in PE in a cardboard box

517 = 50 units in PE in a cardboard box

ORDER INFORMATION

1 Variowing set Acrylic glass and clip (front/back), one left, one right												
NL	Aluminium metallic				White				Champagne			
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU		
500	F092082604	511			F092077402	511			F092135443	511		
550	F092082606	511			F092077403	511			F092135444	511		
650	F092082607	511			F092079041	511			F092135445	511		



2 Variowing clip Set: Clip (front/back), one left, one right												
	Aluminium metallic				White				Champagne			
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU		
	F092082588	517			F092076843	517			F092135446	517		



3 Round screw-on railing see page 20	

4 Round quick-mounting railing see page 22	

5 DWD XP drawer sides H95, clip H182 for wooden back panel and front holder see page 20	

PAGE REFERENCES

Drawer sides	11	Flat packs	52	Technical information	70
Inset panels	30	Accessories	64	Sensomatic	75
Slides	46	Application examples	66	Organising systems	97

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Cutting dimensions for 16 mm chipboard	Glass cutting dim.																
		<table border="1" data-bbox="1155 629 1481 891"> <thead> <tr> <th>NL</th> <th>GL</th> </tr> </thead> <tbody> <tr><td>350</td><td>315</td></tr> <tr><td>400</td><td>365</td></tr> <tr><td>450</td><td>415</td></tr> <tr><td>500</td><td>465</td></tr> <tr><td>550</td><td>515</td></tr> <tr><td>600</td><td>565</td></tr> <tr><td>650</td><td>615</td></tr> </tbody> </table> <p data-bbox="1155 898 1481 927">Note</p> <p data-bbox="1155 934 1481 1043">All glass edges must be chamfered (approx. 0.7 mm x 45°). GRASS recommends TSG.* *(toughened safety glass)</p>	NL	GL	350	315	400	365	450	415	500	465	550	515	600	565	650	615
NL	GL																	
350	315																	
400	365																	
450	415																	
500	465																	
550	515																	
600	565																	
650	615																	

Exploded view drawing	Fixing positions for full extension drawer
	<p data-bbox="1206 1189 1481 1263">Special Euro screw Ø 6.3 x 14 mm Chipboard screw Ø 3.5 x 15 mm Screw head Ø 7 mm</p> <p data-bbox="799 1899 1481 1919">Note: Full extension slide, 60 kg, see Slides section (from page 48)</p>

LEGEND

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

DWD XP ADD-ON SYSTEMS

Duowing



- High-quality, double-wall add-on system for round railing
- Optimally matched to drawer side design
- Available in 2 colours
- Easy installation without tools
- Can be complemented by the Magic Optima and Magic Classic dividing systems

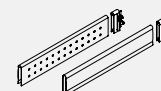
Packaging unit (PU):

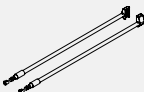
201 = 1 unit in a cardboard box

207 = 10 units in a cardboard box

ORDER INFORMATION

1 Duowing set Duowing and clip, one left, one right														
NL	Aluminium metallic				White				Champagne					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU						
400	F092082567	201	207	F092082583	201		F092082569	201						
450	F092082570	201	207	F092082584	201		F092072293	201	207					
500	F092082572	201	207	F092082585	201		F092082575	201	207					
550	F092082576	201	207	F092082586	201		F092072294	201						
600	F092082578	201	207	F092071889	201		F092072295	201	207					
650	F092082580	201	207	F092077404	201		F092082582	201	207					



2	Round screw-on railing see page 20	
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3	Round quick-mounting railing see page 22	
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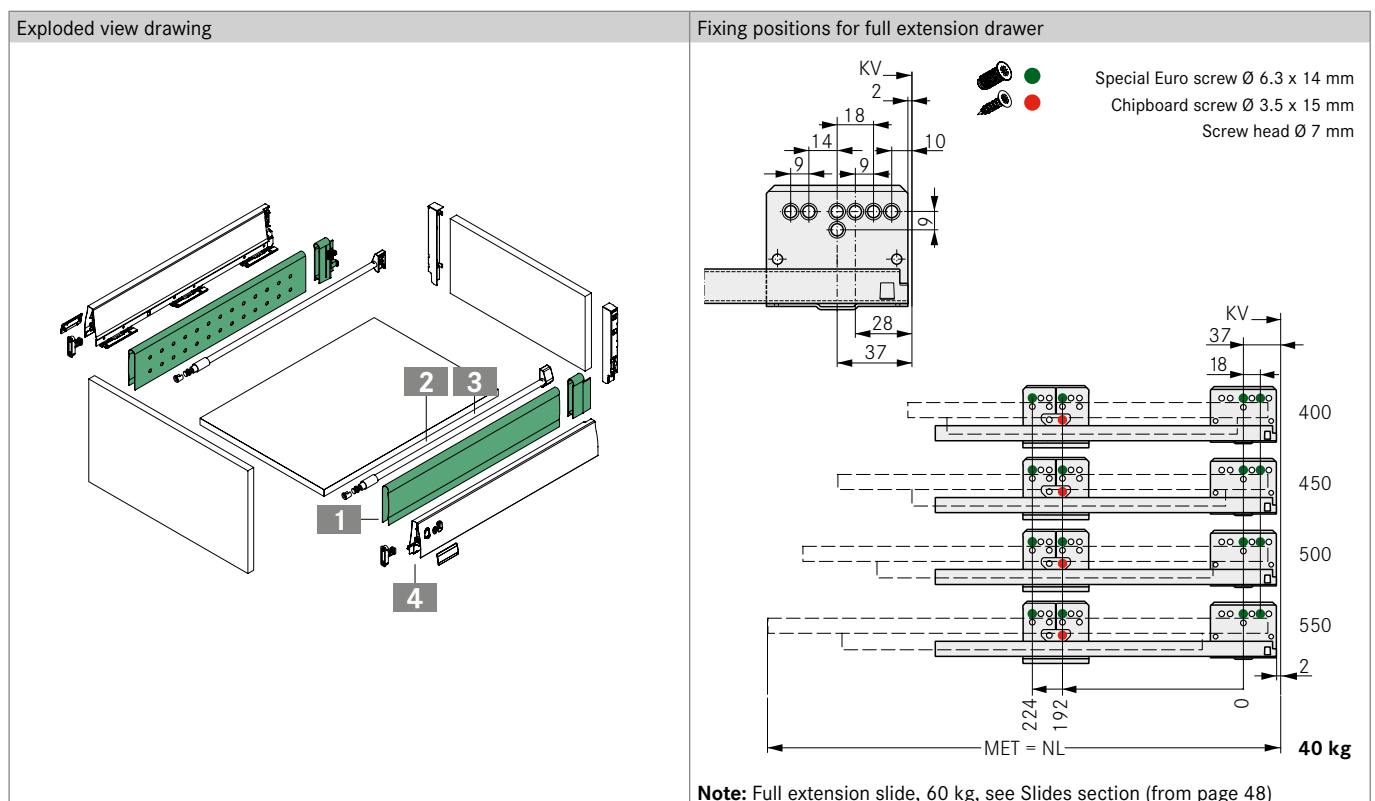
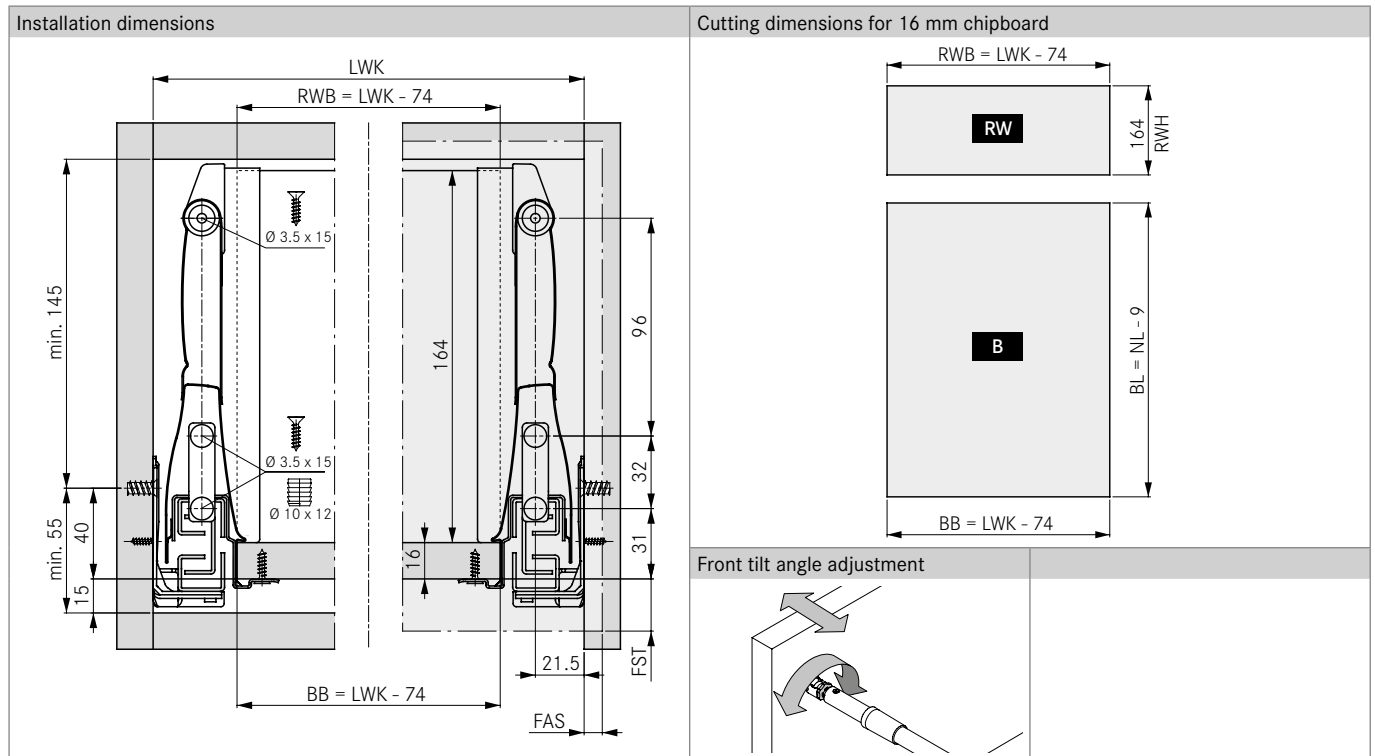
4	DWD XP drawer sides H95, clip H182 for wooden back panel and front holder see page 20	
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PAGE REFERENCES

Drawer sides	11	Flat packs	52	Technical information	70
Inset panels	30	Accessories	64	Sensomatic	75
Slides	46	Application examples	66	Organising systems	97

PLANNING DIMENSIONS

All dimensions in millimetres

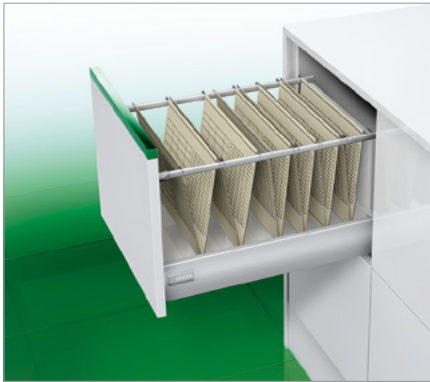


LEGEND

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

DWD XP

Suspension file drawer with oval railing



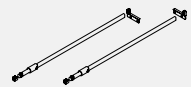
- Oval, natural anodised aluminium tube with high bending resistance
- Secure screw connection at front and back panels ensures stable construction and high load capacity
- Tool-free tilt angle adjustment using the oval railing

Packaging unit (PU):

- 223 = 100 units in a cardboard box
- 233 = 200 units in a cardboard box
- 511 = 20 units in PE in a cardboard box

ORDER INFORMATION

- 1** Oval screw-on railing for suspension files
Set: One left, one right



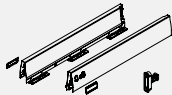
NL	Aluminium anodised													
	Art.-no.	PU												
350	F084071966	511												
450	F084074848	233												
500	F084074850	511												
550	F084074851	511												

- 2** Clip for variable wooden back panel
Set: One left, one right



	Aluminium metallic		White		Champagne									
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU								
	F092082978	223	F092115414	223	F092082984	223								

- 3** DWD XP drawer sides H95 and front holder see page 16

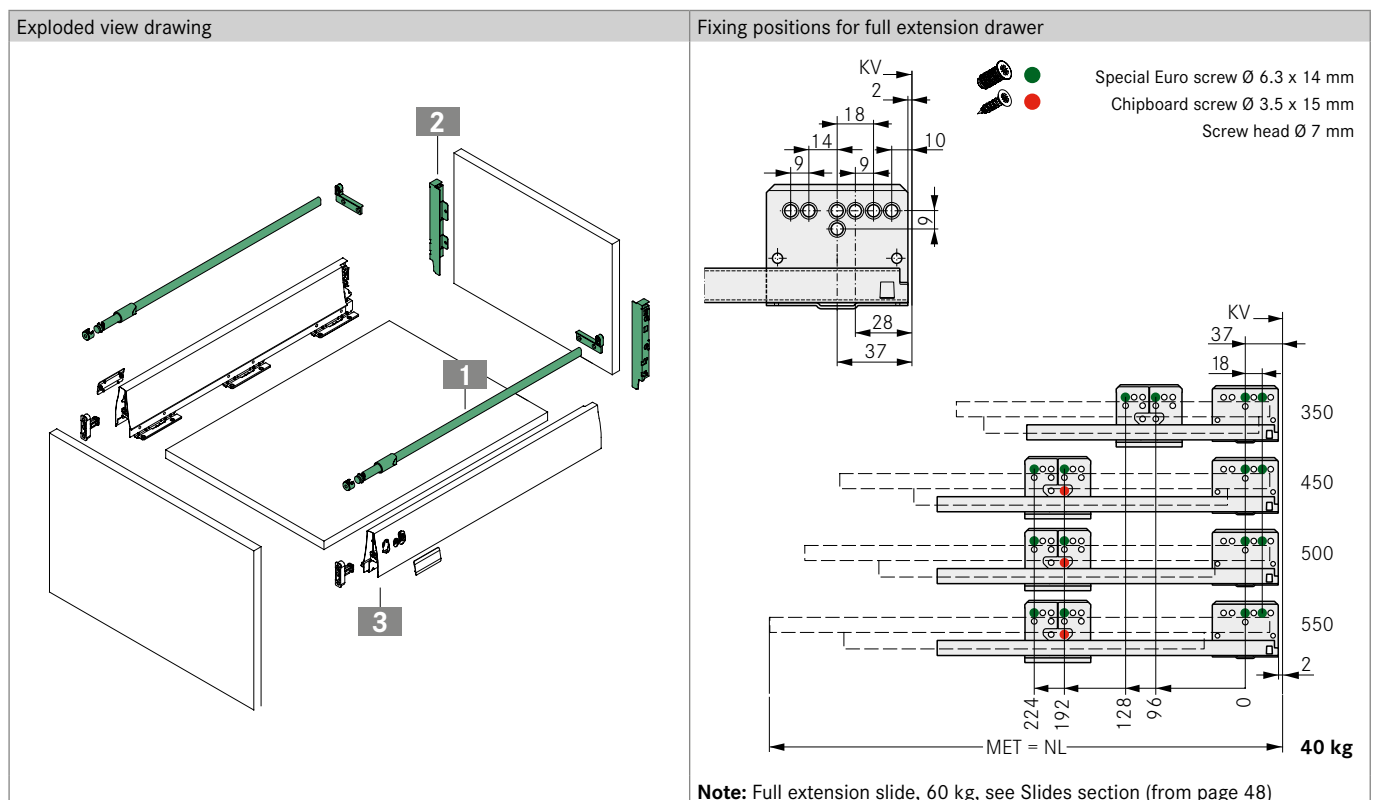
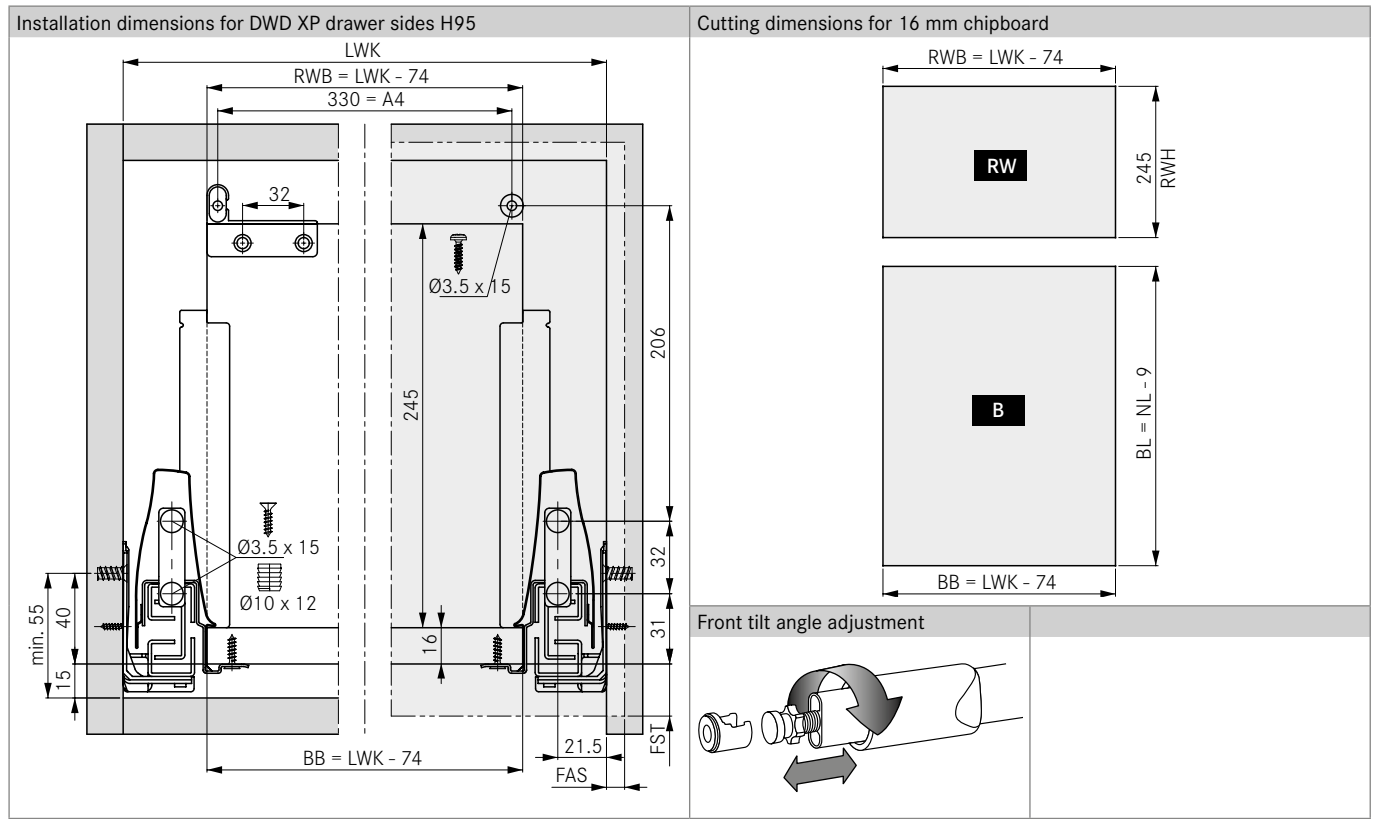


PAGE REFERENCES

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Accessories	64	Sensomatic	75	Assembly aids	116

INSTALLATION INFORMATION

All dimensions in millimetres




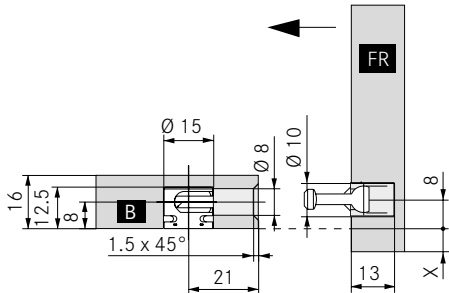
LEGEND

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


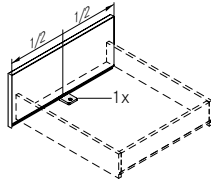
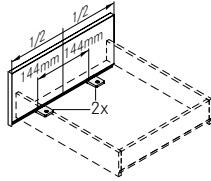
DWD XP

Accessories


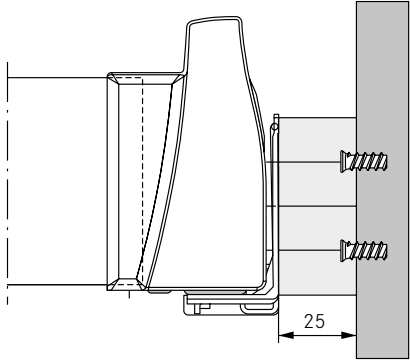
FRONT-BOTTOM CONNECTOR

			Art.-no.	PU
<ul style="list-style-type: none"> For wide drawers from a cabinet width of 800 mm 			F148026744	223

FRONT-BOTTOM CONNECTOR F8

			Art.-no.	PU
<ul style="list-style-type: none"> For wide drawers from a cabinet width of 600 mm 		KB = 600 - 800 mm 	F145117993	223
		KB = 800 - 1200 mm 		

DWD XP SPACER 25 MM

			Art.-no.	PU
<ul style="list-style-type: none"> For inset drawers behind the door in order to bridge door protrusion Suitable for left and right Secure fastening of DWD XP full extension drawers with 40 kg load capacity 			F092083198	217


PAGE REFERENCES

Drawer sides	11	Flat packs	52	Sensomatic	75
Inset panels	30	Add-on systems	58	Organising systems	97
Slides	46	Technical information	70	Assembly technology	112

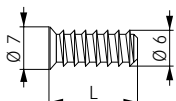
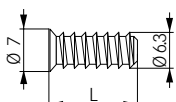
DWD XP CHILD LOCK

		Art.-no.	PU
<ul style="list-style-type: none"> • Easy and fast installation • Concealed installation at drawer base • Can be deactivated • Easy to operate • Can be taken off without leaving any trace 		F092083193	523

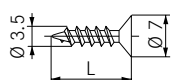
DWD XP LOCKING PIN

		Art.-no.	PU
<ul style="list-style-type: none"> • For recessed locking rail in combination with HUWIL locking system SVS 3 • Locking pin to be inserted into the punched hole of the DWD XP drawer side in place of the DWD XP cover cap • Can be fitted and removed without tools • Panel remains fully adjustable • Holding strength significantly higher than DIN 68852 • Colour: aluminium-grey <p>Note: locking rails cannot be purchased from GRASS. To be confirmed with HUWIL. Specify the position of the locking bolt when ordering the locking rail.</p>		F092083203	107

SPECIAL EURO SCREWS

		Art.-no.	PU	
<ul style="list-style-type: none"> • Steel, nickel-plated, for screw fixing in Ø 5 mm pre-drilled hole system (Pozi driv No. 2) 	L = 8.5		F145089355	123
	L = 13.5		F145088185	123
	L = 10.5		F148115048	147
	L = 14		F148115049	147

CHIPBOARD SCREWS

		Art.-no.	PU	
<ul style="list-style-type: none"> • Head Ø 7 mm 	L = 11		F145010742	261
	L = 15		F145087110	123
	L = 17		F145087111	147

LEGEND

B	Bottom panel
FR	Front
KB	Cabinet width
L	Length

APPLICATION EXAMPLES

Crockery cabinet and pull-out larder



- Stylish wide pull-out cabinet
- Provides lots of storage space for large bulky items
- Features inset drawers and pull-outs as well as shelves in the upper part
- Can be complemented with all add-on systems
- Can be complemented by the Magic Optima dividing system to provide optimum stability of stored items

CROCKERY PULL-OUT CABINET

Application example consists of:

- 1 Inset drawer, DWD XP 40 kg
- 2 Inset pull-out with railing and Duowing, DWD XP 40 kg
- 3 Inset pull-out with railing and Duowing, DWD XP 60 kg

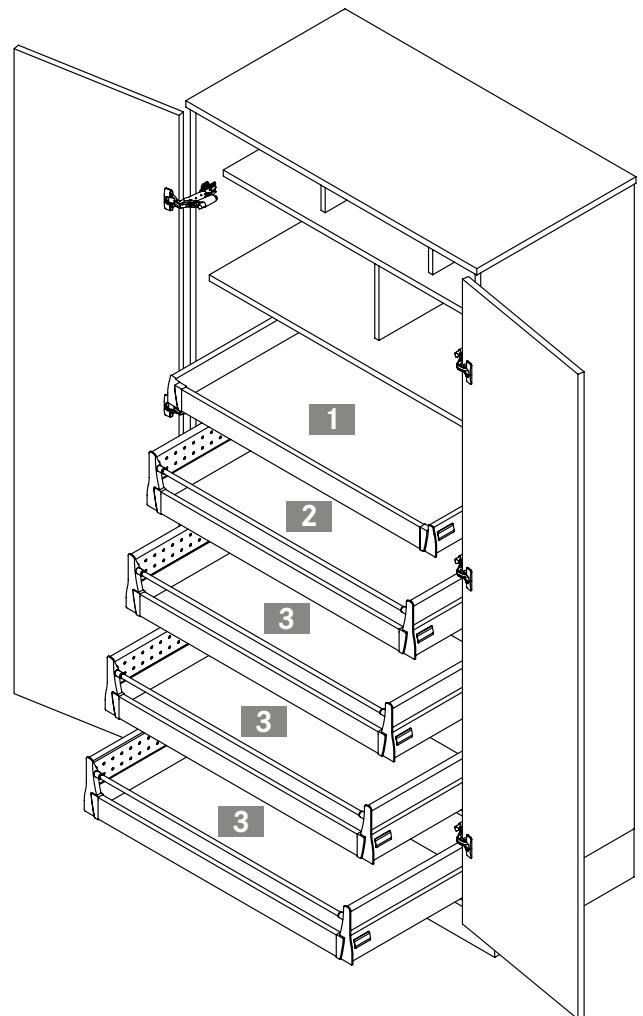
Recommended cabinet widths 800 – 1000 mm

NOTE

We recommend:

Tiemos 170° wide-angle hinge with integrated Soft-close
Nexis Click-on 170° wide-angle hinge

- Soft-close compatible
- Zero protrusion



PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Sensomatic	75
Inset panels	30	Accessories	64	Organising systems	97
Slides	46	Technical information	70	Assembly technology	112



- The flexible and elegant solution for pull-out larders
- Top performance through freely moving inset drawers and pull-outs
- Optimal access to contents
- Can be complemented with all add-on systems
- Can be complemented by the Magic Optima dividing system to provide optimum stability of stored items

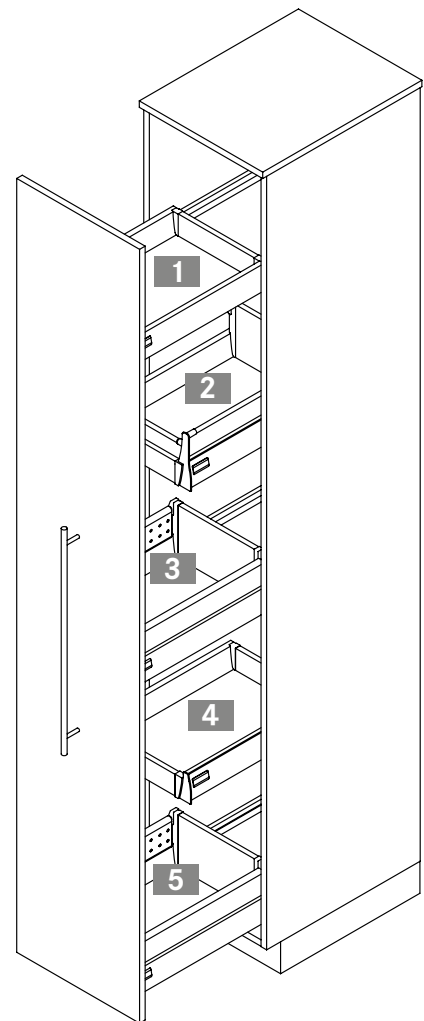
PULL-OUT LARDER

Application example consists of:

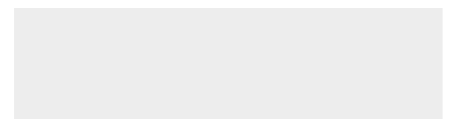
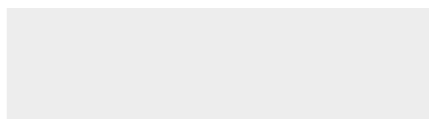
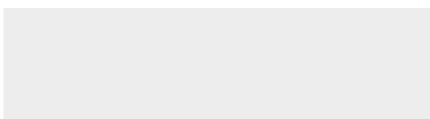
- 1** Drawer H95
- 2** Inset pull-out with railing
- 3** Pot drawer with railing and Duowing
- 4** Inset drawer
- 5** Pot drawer with railing and Duowing

NOTES

1 + **3** + **5** are attached to the front
 Recommended cabinet widths 300 – 400 mm



LEGEND



APPLICATION EXAMPLES

Oven base drawer and spacer plate



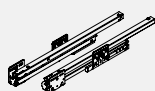
- Oven base drawer matches DWD XP full extension drawers with 40 kg load capacity
- Ninka oven base drawer 2010 NL 500/KB 600 mm
- Elco Top Volumen, NL 500/KB 600, height 170 and 220 mm

Packaging unit (PU):

211 = 20 items in a cardboard box

ORDER INFORMATION

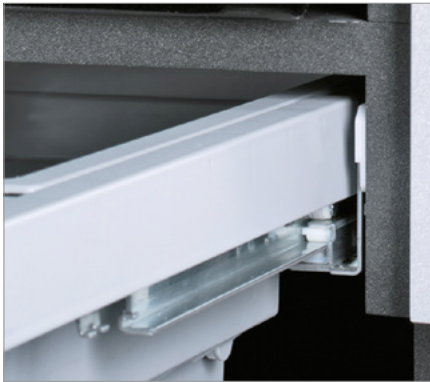
Suitable for DWD XP full extension drawer with Soft-close 40 kg
Set: One left, one right



NL	Art.-no.	PU		
500	F091075477	211		

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Sensomatic	75
Inset panels	30	Accessories	64	Organising systems	97
Slides	46	Technical information	70	Assembly technology	112



- Spacer, 2 mm thick, for making up the difference between S16 and S18 mm cabinet thickness
- For DWD XP full extension drawers (40 kg)

Packaging unit (PU):
 103 = 4 items in PE

ORDER INFORMATION

Spacer plate, thickness 2 mm
 Single item: Can be used on left/right

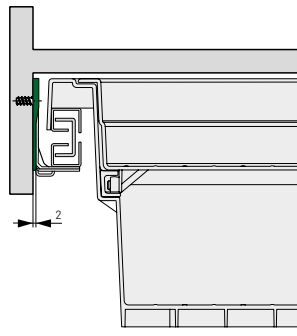


Art.-no.	PU
F092083199	103

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions

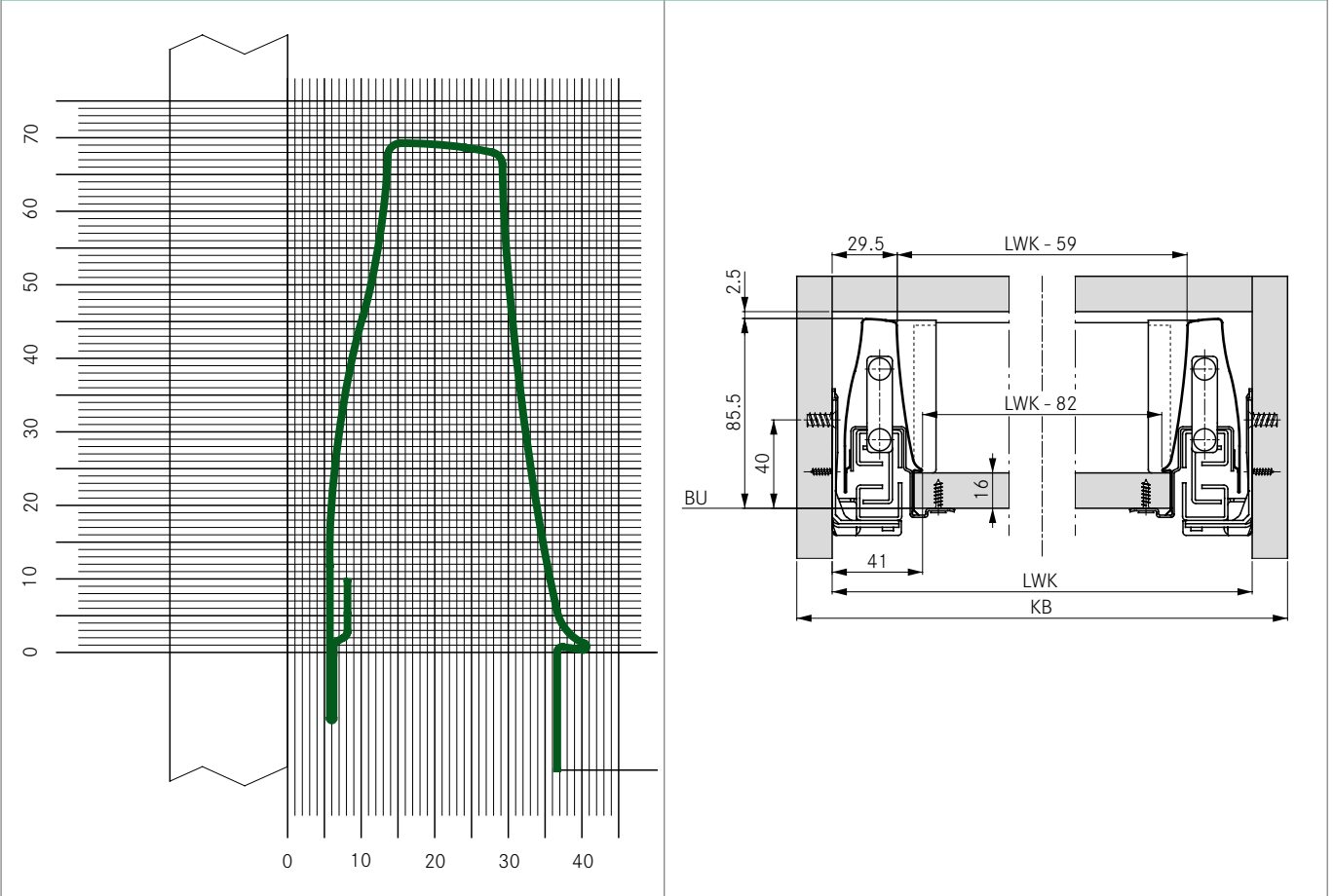


LEGEND

KB Cabinet width
NL Nominal length
S Cabinet side wall

INSTALLATION INFORMATION

Dimensions for drawer insert H95



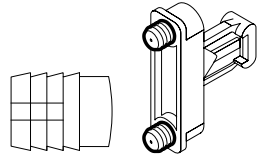
PAGE REFERENCES

Drawer sides	11	Accessories	64	Organising systems	97
Slides	46	Application examples	66	Assembly technology	112
Add-on systems	58	Sensomatic	75	Assembly aids	116

INSTALLATION ADVICE

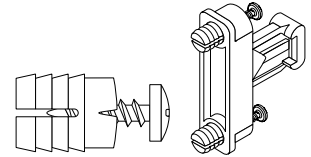
Front holder with press-fit dowels Ø 10 x 12 mm

The holes for fixing should be countersunk. The sharp edges of the holes of hard surface coatings such as melamine can damage the dowels during press fitting. This can lead to significantly reduced pull-out force.



Front holder with expansion dowels Ø 10 x 12 mm

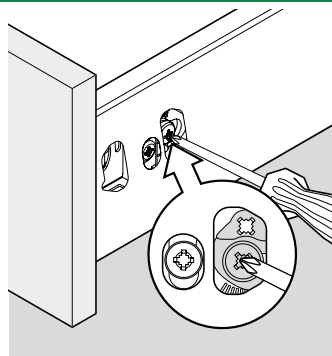
Alternatively it is possible to use front holders with expansion dowels, which do not require countersinking and still guarantee optimum pull-out force.



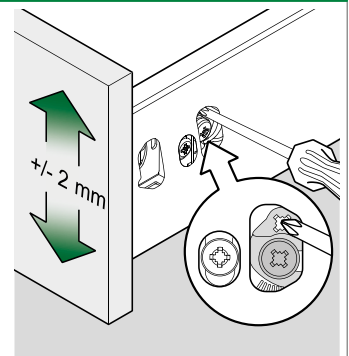
ADJUSTMENTS

Eccentric height adjustment on both sides

Release locking screws on both sides.

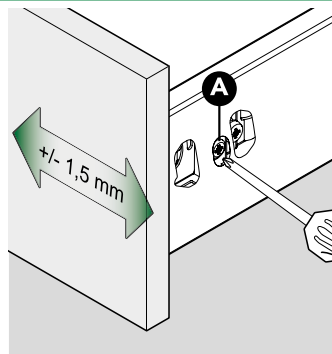


Adjust front panel and re-tighten locking screws.



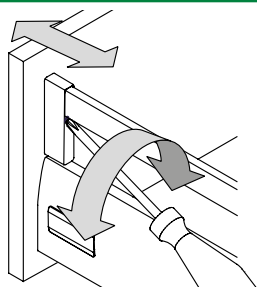
Side adjustment, right

Turn adjustment (A). Only the right-hand side has to be operated due to the integrated lateral adjustment.

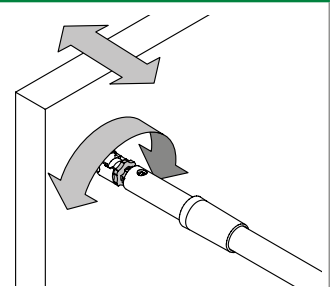


Front tilt angle adjustment

With rectangular railings, tilt angle adjustment of the front is via the front panel holder.



The tilt angle adjustment of the front with a round railing is carried out by turning the adjustment screw.



LEGEND

- BU Bottom edge
- KB Cabinet width
- LWK Inside cabinet width

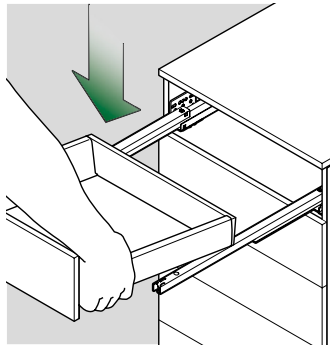
DWD XP

Technical information

MOUNTING/DISMOUNTING

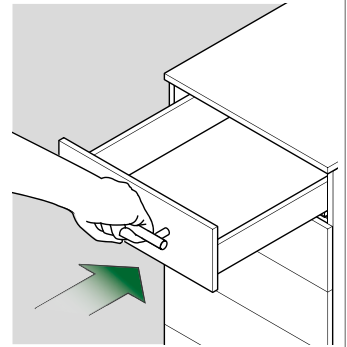
Inserting the drawer

Place the drawer on the extended slides.



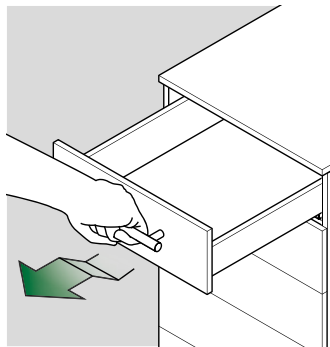
Slightly lift the drawer at the front and then push fully closed.

The drawer engages automatically!

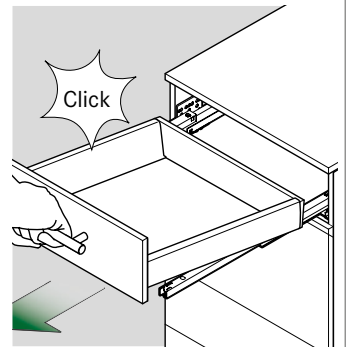


Removing the drawer

Pull the drawer out, lift slightly approx. 10 cm before the limit stop.

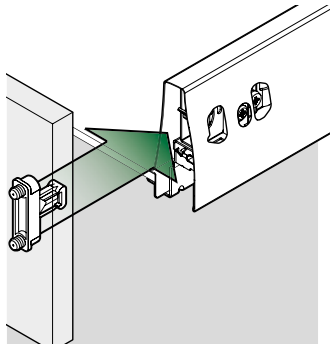


Pull firmly **horizontally** until the drawer audibly disengages, then lift off.



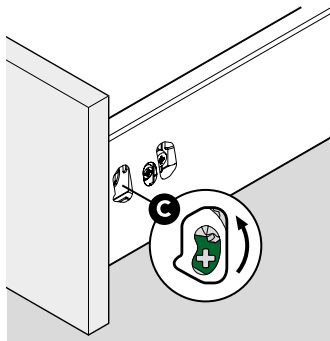
Front panel installation

Insert the front panel clip into the drawer sides. The front panel engages automatically and is fixed.



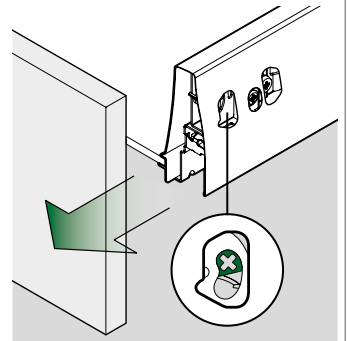
Removing the front panel

Use Pozidriv No. 2 to release.



The front panel is now released and can be removed.

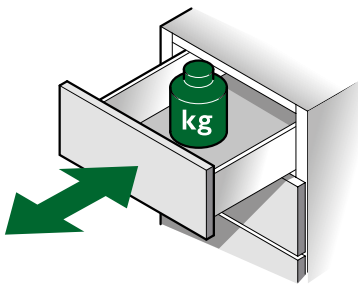
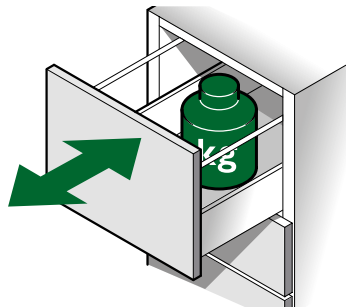
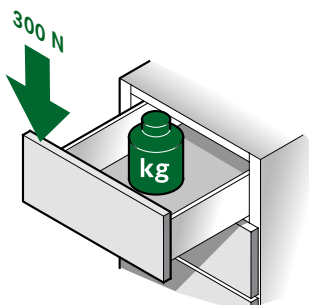
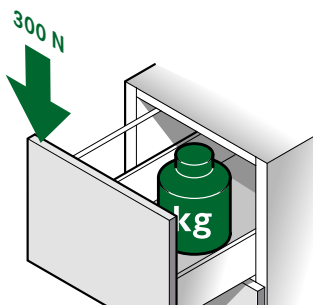
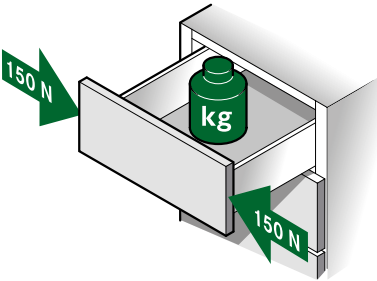
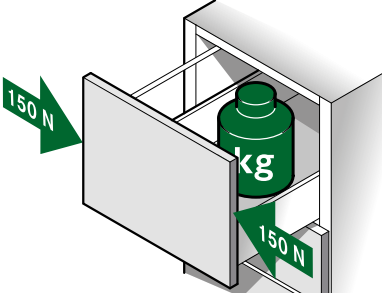
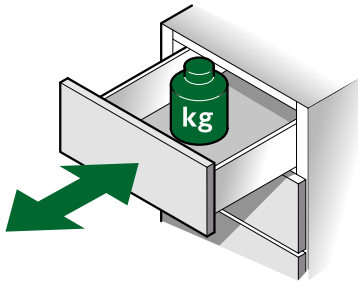
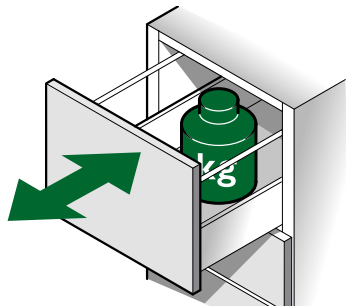
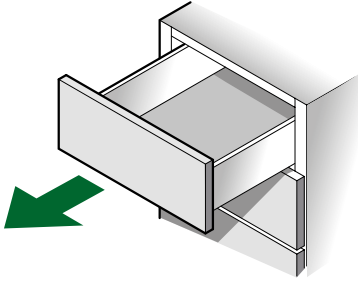
Where a front-bottom connector is used, release the connector!



PAGE REFERENCES

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Add-on systems	58	Sensomatic	75	Assembly aids	116

TEST CRITERIA FOR DRAWERS

<p>Durability test 100,000 open and close movements</p>		
<p>Static vertical overload test 10 times 10 seconds in a fully open condition, additional corner load 300 N</p>		
<p>Static horizontal overload test 5 x 10 seconds, full extended, right/left alternating, additional load on front 150 N</p>		
<p>Dynamic overload of the front and fittings Closing test: open and close 10 x at 1.0 m/sec with 40 kg load or 0.85 m/sec with 60 kg load</p>		
<p>Pull-out safety 200 N Static overload of the end fittings in an open condition 10 times with 200 N</p>		

In addition to the tests described above, GRASS drawers and pull-out systems are tested for corrosion resistance in compliance with EN 15338.



SENSOMATIC OPENING SYSTEM

Lightly tapping or pulling is enough and the DWD XP drawers and pot drawers open as if by magic.

QUALITY CERTIFICATE
LGAI

With or without a handle – Sensomatic opens every drawer or pull-out exactly and conveniently. For furniture designers this means: unlimited design freedom. For purist streamlined designs with an understated, handle-free elegance or fronts with grip recesses – this electro-mechanical opening system offers many fascinating possibilities.

For a balance between stylish design and functional comfort.

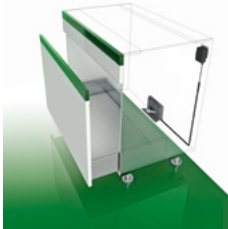
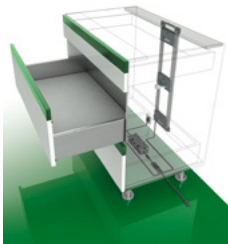
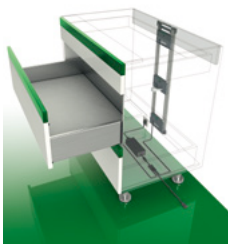
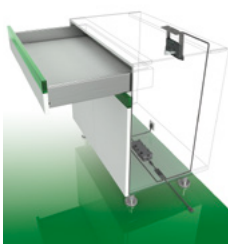
DWD XP SENSOMATIC

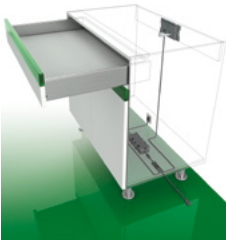
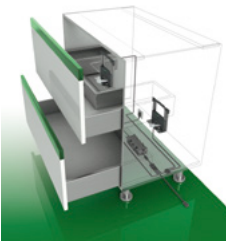
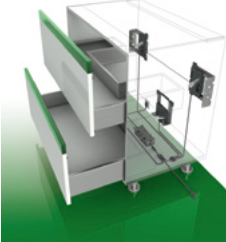
Electro-mechanical opening of regular and pot drawers.
For a balance between stylish design and functional comfort.

Product designation	Page
DWD XP 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
Assembly aids	118

DWD XP SENSOMATIC

Movement comfort at the highest level.
Versatile. Efficient. Compelling.

	Product description	Page
	<p>DWD XP 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

DWD XP SENSOMATIC

Single set



- Electro-mechanical opening system
- Combines handle-free opening with Soft-close damping system
- 1 ejector 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

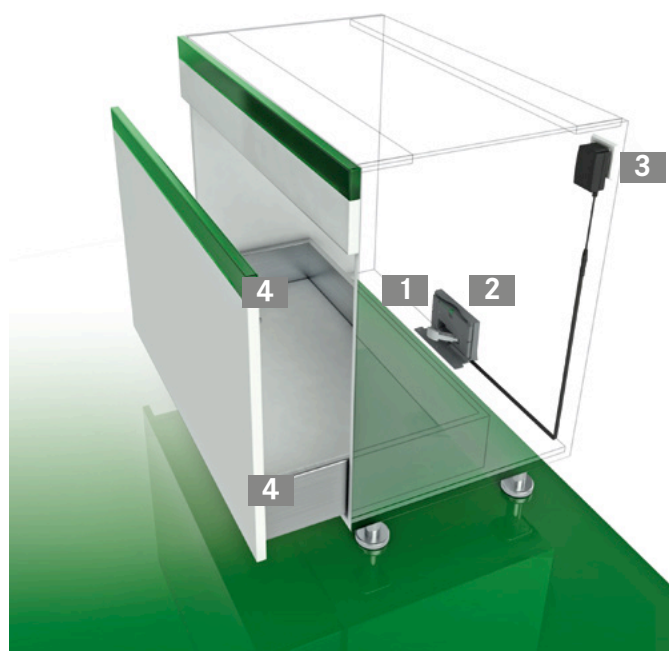
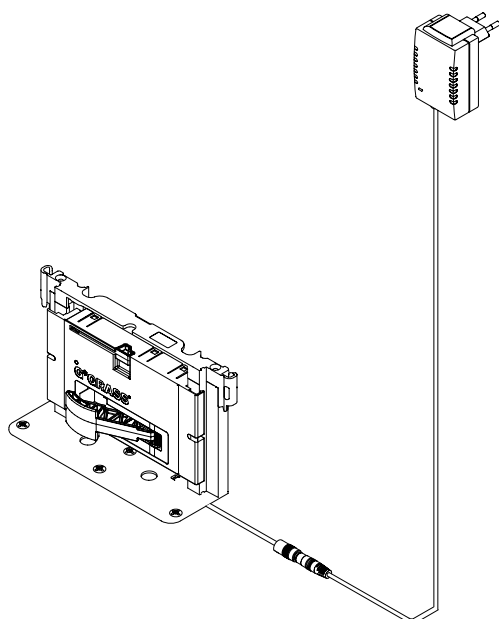
- **Note:**
Sets for other countries available on request.

ORDER INFORMATION

Sensomatic single set		
	Art.-no.	PU
for DWD XP	F121100984	201

1 set includes:

- 1 drive unit (1x)
- 2 installation set (1x)
- 3 Power supply unit with plug (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	11	Add-on systems	58	Installation instructions	92
Slides	46	Accessories	64	Organising systems	97
Flat packs	52	Application examples	66	Assembly technology	112

INSTALLATION INFORMATION

Installation dimensions

RW	MET	LBT
Wood	NL+15	NL

Installation set

Position of drive unit

Position of front buffer

LEGEND

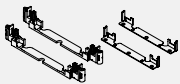
FA	Front overlay	LWB	Inside cabinet width	RW	Back panel
FH	Height of front	MET	Minimum installation depth		
KF	Cable routing	NL	Nominal length		
LBT	Depth of hole pattern	P	Positioning aid		


DWD XP SENSOMATIC

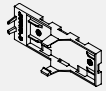
Standard cabinet horizontal wooden stretcher


ORDER INFORMATION

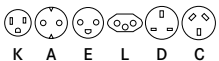

1 Drive unit	
	Art.-no. PU
for DWD XP	F121100409 607


3 Fastening set consisting of: items 3a (2x) and 3b (2x)	
	Art.-no. PU
	F121100610 507

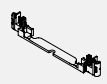
3b Fixing brackets top/bottom	
	Art.-no. PU
	F121100270 211

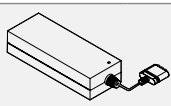
5 Power supply unit holder	
	Art.-no. PU
	F121100604 507


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

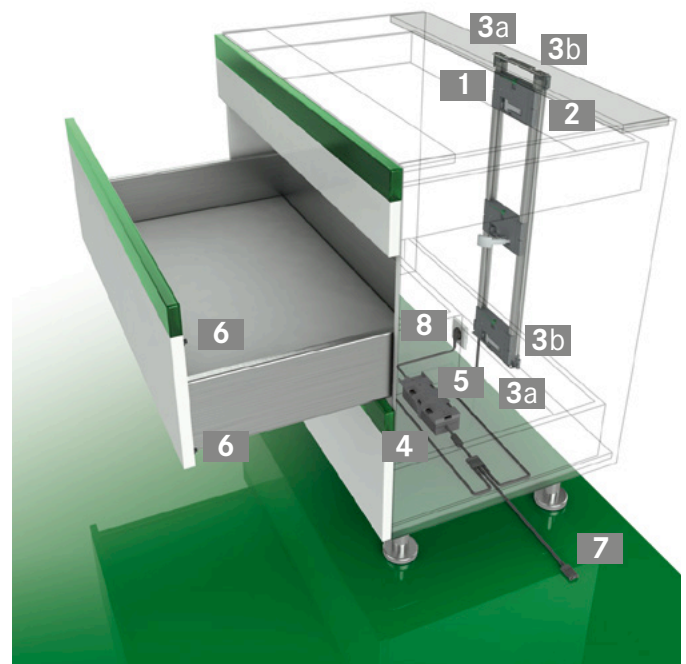
8 Power supply cable		
	K A E L D C	
	Plug Art.-no. PU	
	Power supply cable K (USA, CAN) F120069760 207	
	Power supply cable K (JP) F120072445 207	
	Power supply cable A (DE, ES, FR, IT, RU, NL, SE) F120069761 207	
	Power supply cable E (DK) F120069763 207	
	Power supply cable L (CH) F120069765 207	
	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 Art.-no. PU
	653 F121100284 207
	750 F121100285 207
	1170 F121100286 207

3a Frame connector	
	Art.-no. PU
	F121100282 211

4 Power supply unit	
	Art.-no. PU
	F121100269 607

6 Front buffer, spring-loaded	
	Ø Front gap Art.-no. PU
	5 3 F121100295 223
	8 F121100298 223

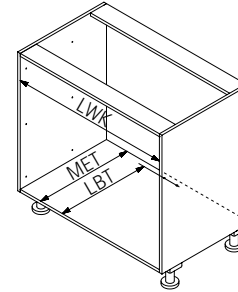
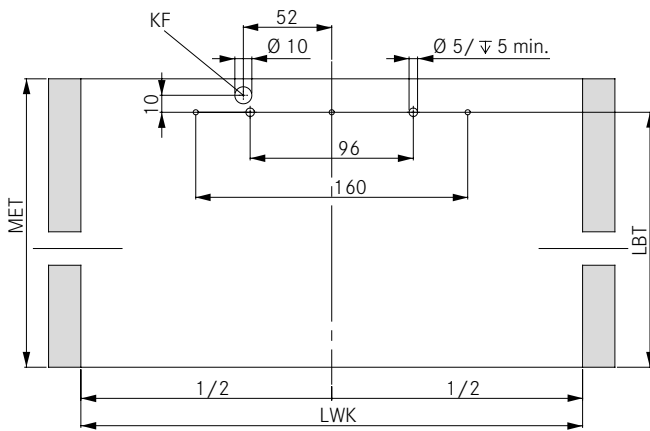


PAGE REFERENCES

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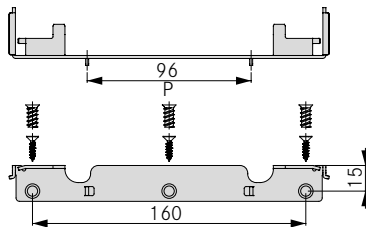
INSTALLATION INFORMATION

Installation dimensions

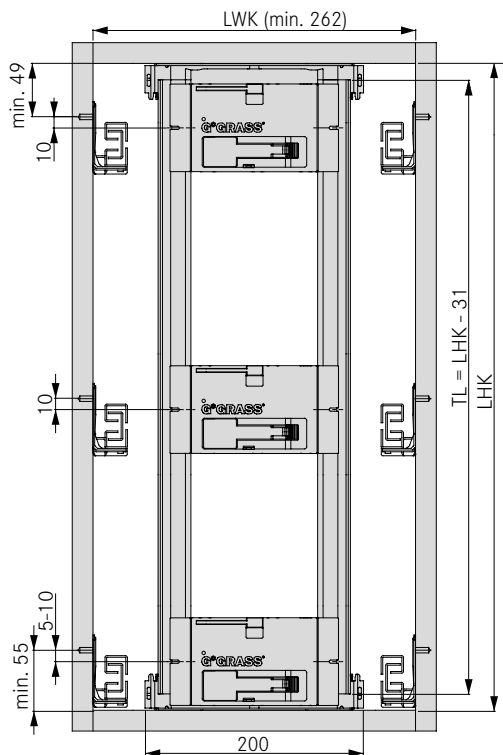


RW	MET	LBT
Wood	NL+15	NL

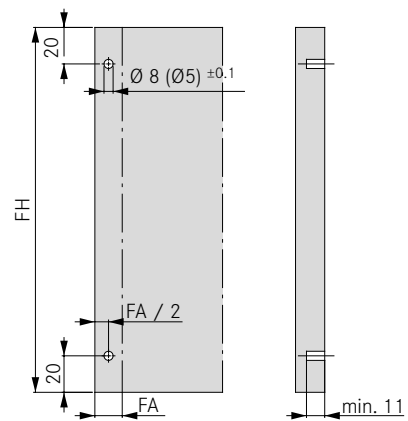
Fixing brackets top/bottom



Position of drive unit



Position of front buffer



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


DWD XP SENSOMATIC


Standard cabinet vertical wooden stretcher


ORDER INFORMATION


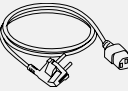
1 Drive unit			
	Art.-no.	PU	
for DWD XP	F121100409	607	


3 Frame connector			
	Art.-no.	PU	
	F121100282	211	


5 Fixing bracket, back inside mounted			
	Art.-no.	PU	
	F121100275	207	

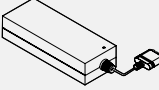
7 Power supply unit holder			
	Art.-no.	PU	
	F121100604	507	


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

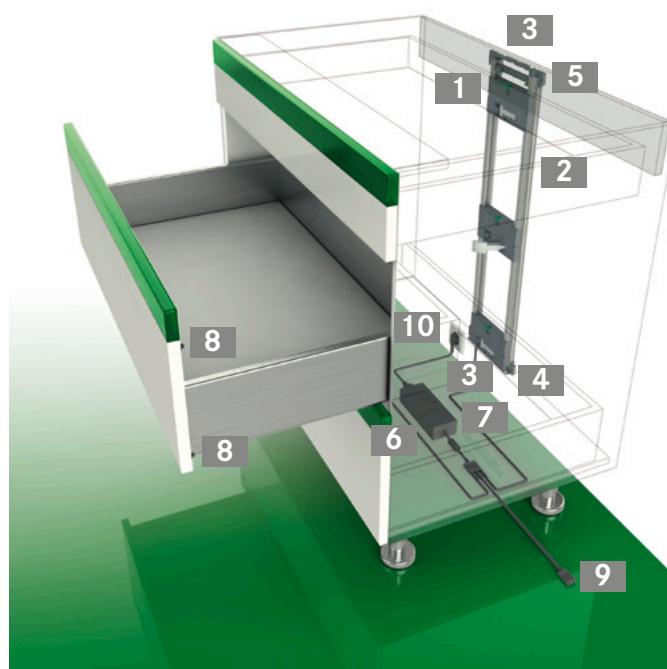
10 Power supply cable						
	K	A	E	L	D	C
Plug	Art.-no.	PU				
Power supply cable K (USA, CAN)	F120069760	207				
Power supply cable K (JP)	F120072445	207				
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	207				
Power supply cable E (DK)	F120069763	207				
Power supply cable L (CH)	F120069765	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	Art.-no.	PU
	653	F121100284	207
	750	F121100285	207
	1170	F121100286	207

4 Fixing brackets top/bottom			
	Art.-no.	PU	
	F121100270	211	

6 Power supply unit			
	Art.-no.	PU	
	F121100269	607	

8 Front buffer, spring-loaded				
	Ø	Front gap	Art.-no.	PU
	5	3	F121100295	223
	8		F121100298	223

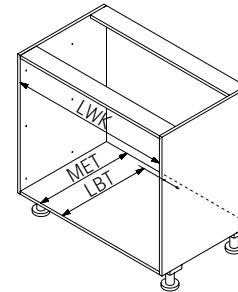
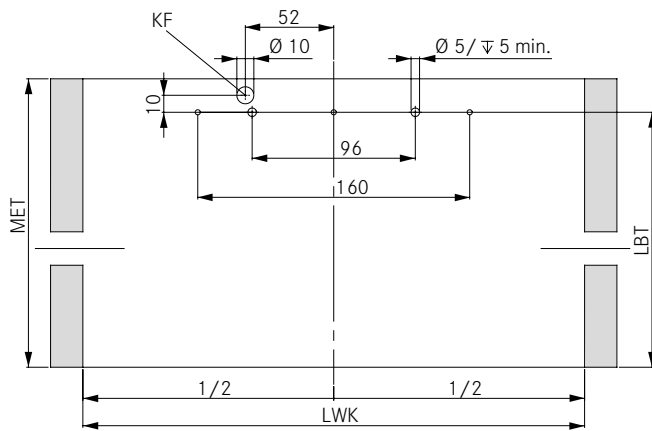


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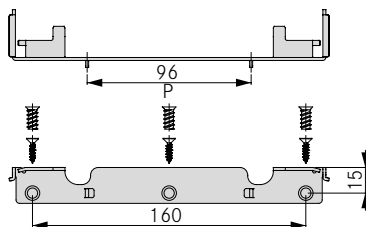
INSTALLATION INFORMATION

Installation dimensions

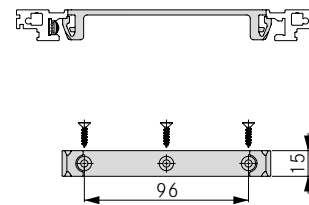


RW	MET	LBT
Wood	NL+15	NL

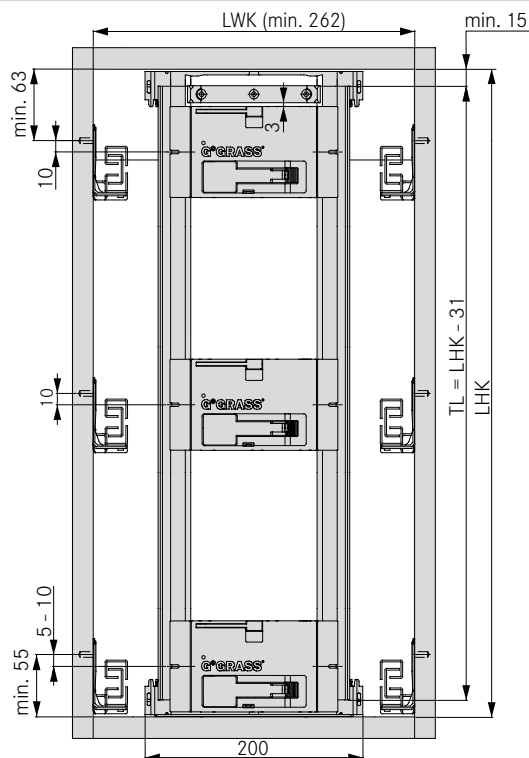
Fixing brackets top/bottom



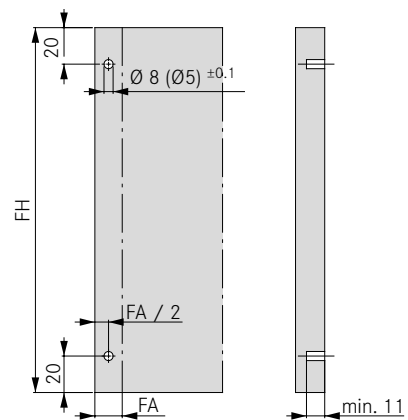
Fixing bracket, back inside mounted



Position of drive unit



Position of front buffer



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

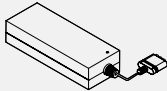
DWD XP SENSOMATIC

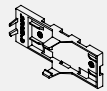
Single drawer with overhead frame set mounting


ORDER INFORMATION


1 Drive unit			
	Art.-no.	PU	
for DWD XP	F121100409	607	

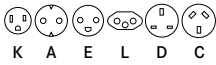
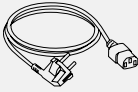
2 Installation set			
	Art.-no.	PU	
	F121100273	207	

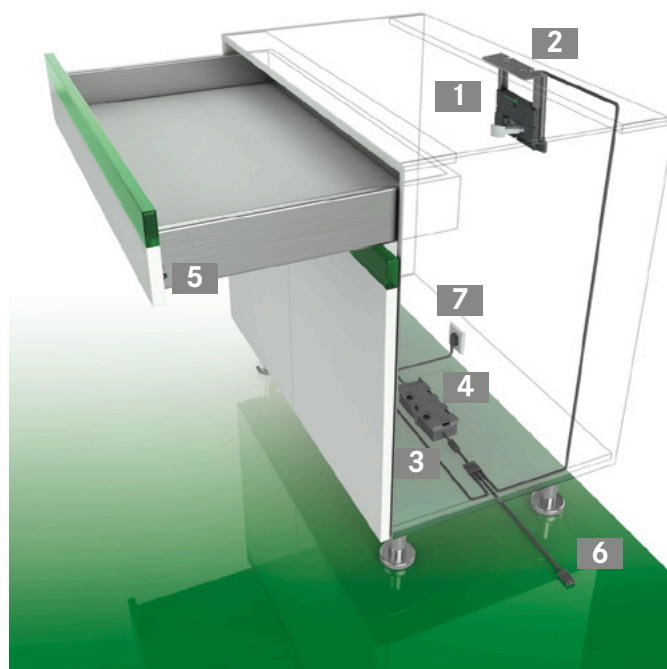
3 Power supply unit			
	Art.-no.	PU	
	F121100269	607	

4 Power supply unit holder			
	Art.-no.	PU	
	F121100604	507	

5 Front buffer, spring-loaded			
	Ø	Front gap	Art.-no.
	5	3	F121100295
	8		F121100298
			PU
			223
			223

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

7 Power supply cable			
	K A E L D C		
Plug	Art.-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+15	NL

Installation set

Position of drive unit

Position of front buffer


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		
KUB	Cabinet base	NL	Nominal length		


DWD XP SENSOMATIC

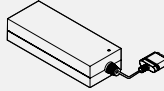
Single drawer with back panel frame set mounting


ORDER INFORMATION


1 Drive unit	
	Art.-no. PU
for DWD XP	F121100409 607


2 Frame sides for back panel frame set mounting including hole drilling	
	Art.-no. PU
	F121100283 207

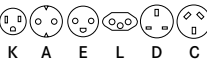

3 Frame connector	
	Art.-no. PU
	F121100282 211

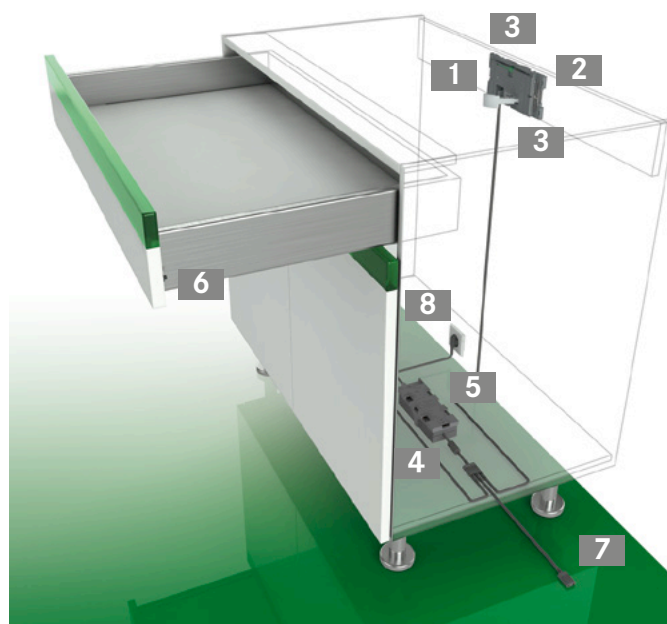
4 Power supply unit	
	Art.-no. PU
	F121100269 607

5 Power supply unit holder	
	Art.-no. PU
	F121100604 507

6 Front buffer, spring-loaded			
	Art.-no. PU		
Ø	Front gap	Art.-no.	PU
5	3	F121100295	223
8		F121100298	223

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

8 Power supply cable		
	Art.-no.	PU
Plug	Art.-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

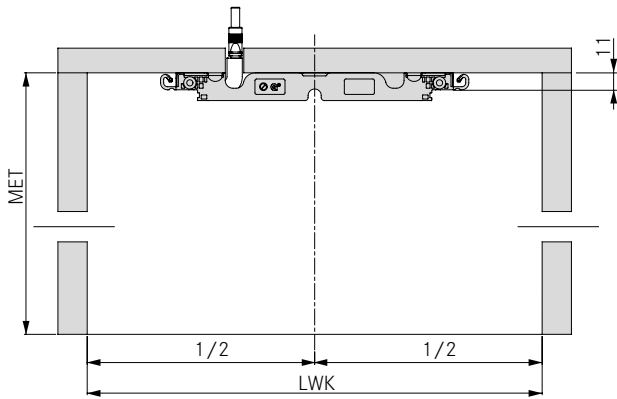


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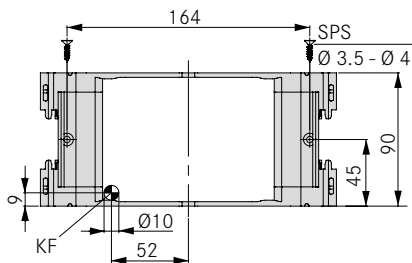
INSTALLATION INFORMATION

Installation dimensions

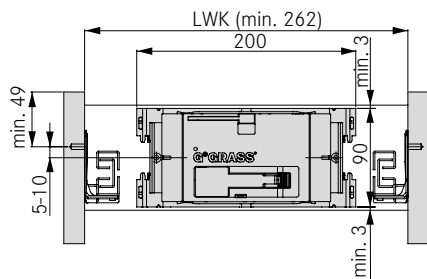


RW	MET
Wood	NL+15

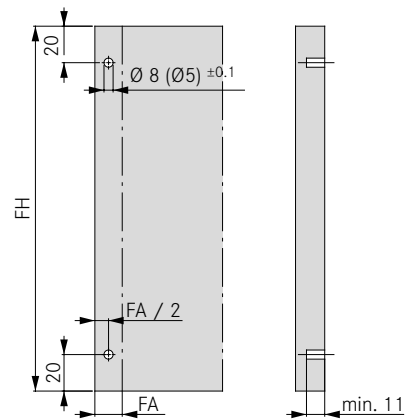
Frame sides



Position of drive unit



Position of front buffer



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

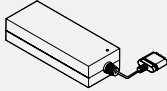
DWD XP SENSOMATIC

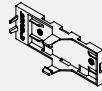
Sink cabinet with bottom panel frame set mounting


ORDER INFORMATION


1 Drive unit			
	Art.-no.	PU	
for DWD XP	F121100409	607	


2 Installation set			
	Art.-no.	PU	
	F121100273	207	



3 Power supply unit			
	Art.-no.	PU	
	F121100269	607	

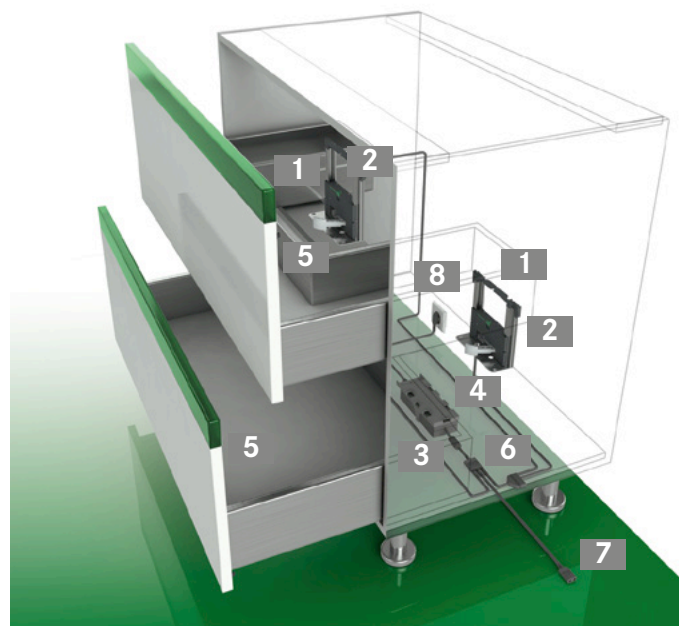
4 Power supply unit holder			
	Art.-no.	PU	
	F121100604	507	

5 Front buffer, spring-loaded			
	Ø	Front gap	Art.-no.
	5	3	F121100295
	8		F121100298
			PU
			223
			223

6 4-way adapter			
	Art.-no.	PU	
	F121100293	207	

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

8 Power supply cable	 K A E L D C		
Plug	Art.-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	

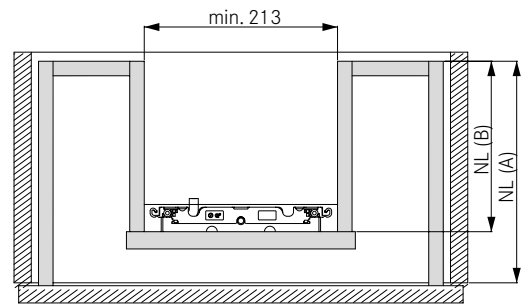
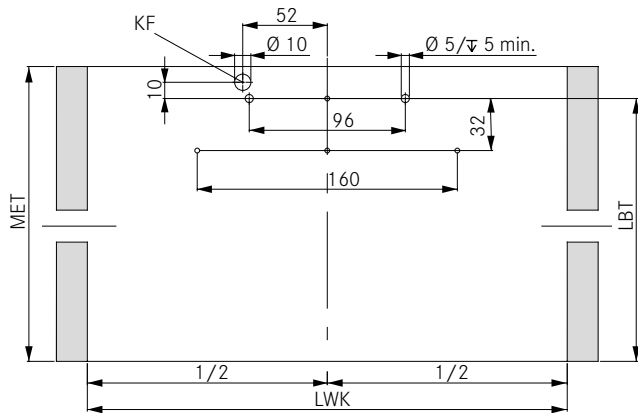


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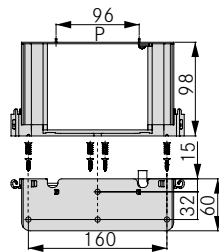
INSTALLATION INFORMATION

Installation dimensions – bottom panel frame set mounting

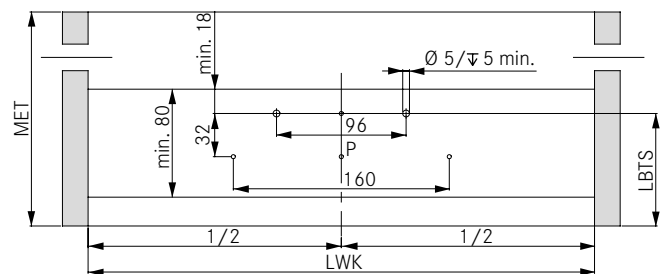


RW	MET	LBT	LBTS
Wood	NL+15	NL	NL(A) - NL(B) + 9

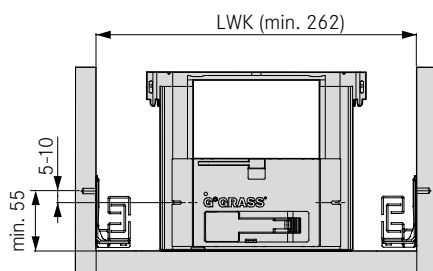
Installation set



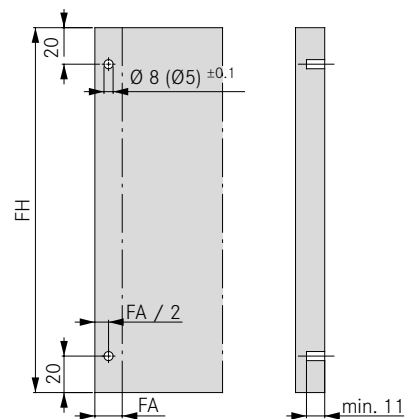
Sink cabinet installation



Position of drive unit



Position of front buffer



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

DWD XP SENSOMATIC

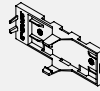
Sink cabinet with side panel frame set mounting


ORDER INFORMATION


1 Drive unit			
	Art.-no.	PU	
for DWD XP	F121100409	607	

2 Installation set			
	Art.-no.	PU	
	F121100273	207	


3 Power supply unit			
	Art.-no.	PU	
	F121100269	607	

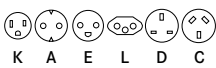

4 Power supply unit holder			
	Art.-no.	PU	
	F121100604	507	

5 Front buffer, spring-loaded			
	Ø	Front gap	Art.-no.
	5	3	F121100295
	8		F121100298
			PU
			223
			223

6 Synchronisation cable 10 m			
	Art.-no.	PU	
	F121100287	207	

7 4-way adapter			
	Art.-no.	PU	
	F121100293	207	

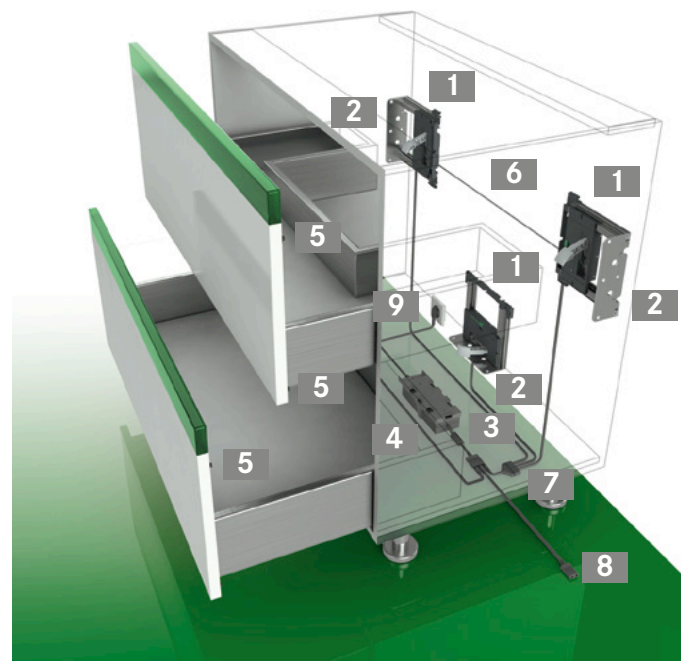
8 Connection cable with 2-way adapter			
	Length	Art.-no.	PU
	600	F121100288	207
	1000	F121100289	207
	2000	F121100291	207

9 Power supply cable			
	K A E L D C		
Plug	Art.-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

Use:

DWD XP 40 kg from NL 450
DWD XP 60 kg from NL 500



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INSTALLATION INFORMATION

<p>Installation dimensions – bottom panel frame set mounting</p>	<p>Installation dimensions – side panel frame set mounting</p> <table border="1" data-bbox="1018 723 1473 786"> <thead> <tr> <th>RW</th> <th>MET</th> <th>LBT</th> </tr> </thead> <tbody> <tr> <td>Wood</td> <td>NL+15</td> <td>NL</td> </tr> </tbody> </table>	RW	MET	LBT	Wood	NL+15	NL
RW	MET	LBT					
Wood	NL+15	NL					
<p>Installation set</p>							
<p>Position of drive unit, bottom panel frame set mounting</p>	<p>Position of front buffer</p>						
<p>Position of drive unit, side panel frame set mounting</p>							

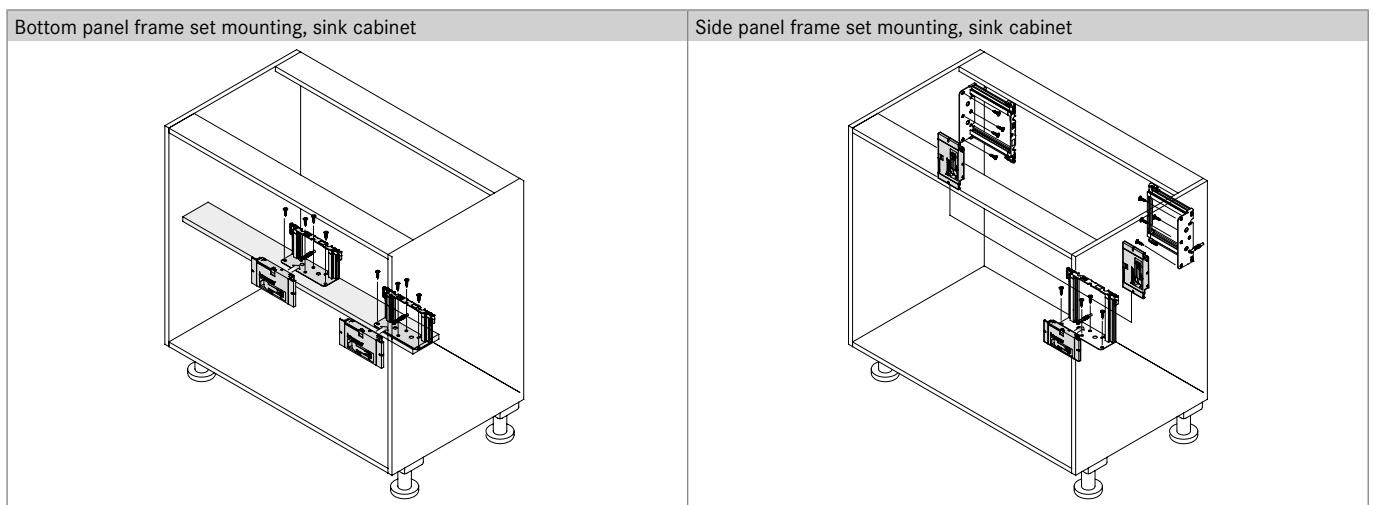
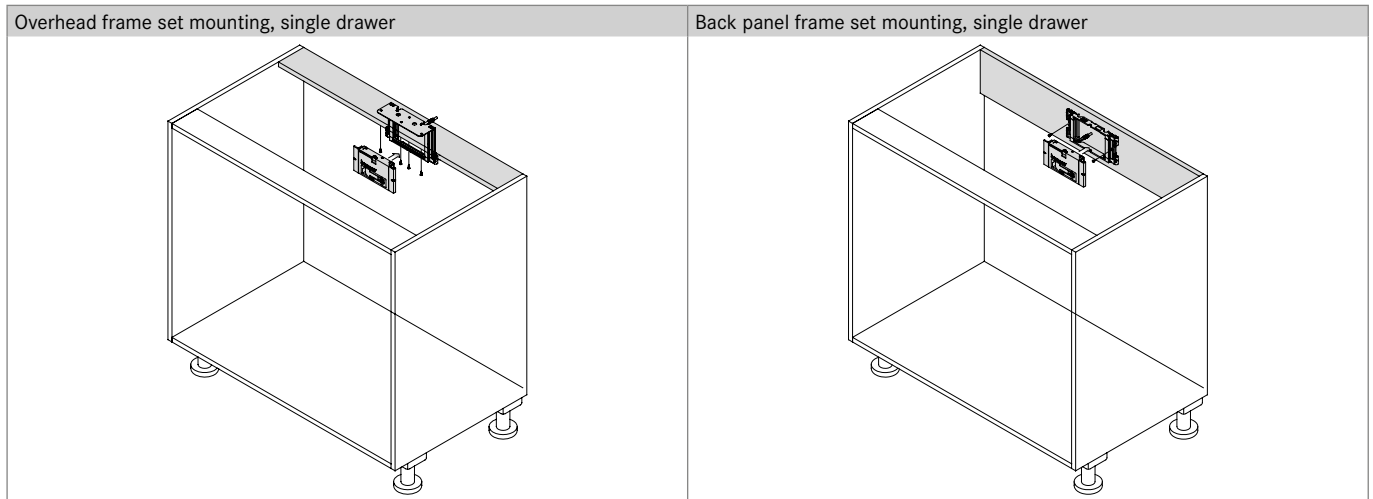
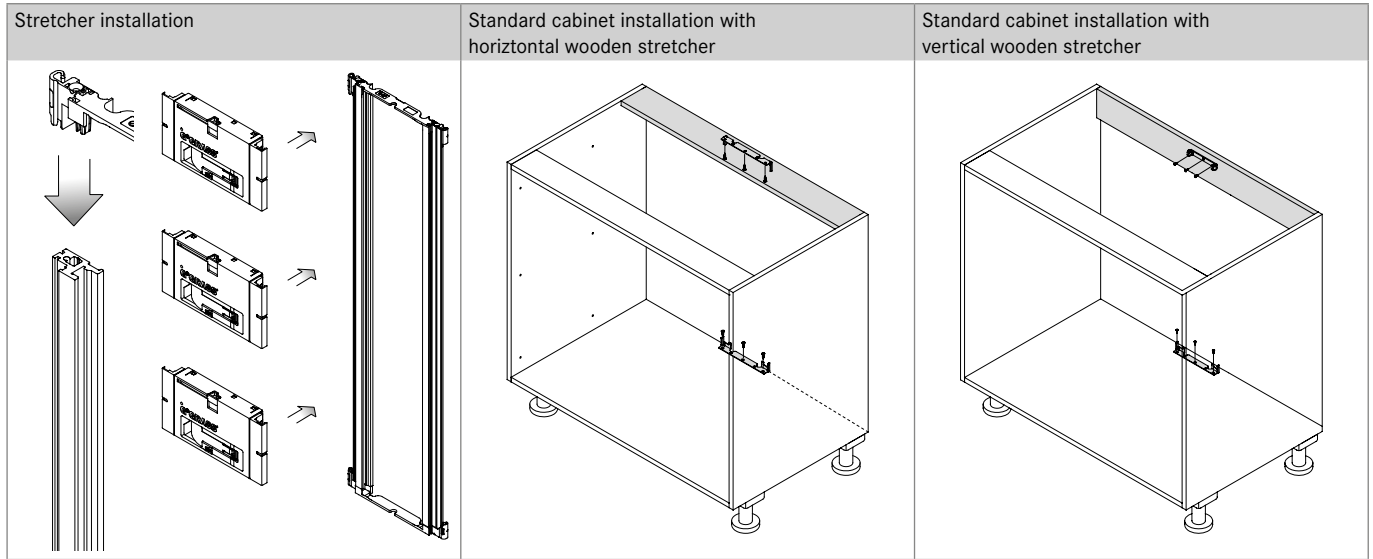
LEGEND

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		

DWD XP SENSOMATIC

Installation instructions

INSTALLATION INSTRUCTIONS

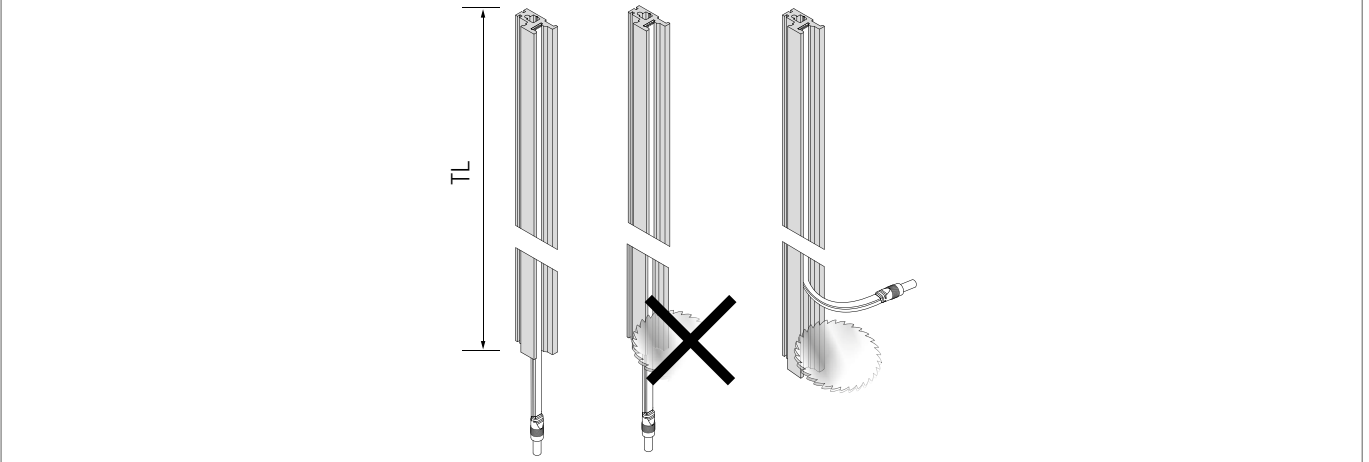


PAGE REFERENCES

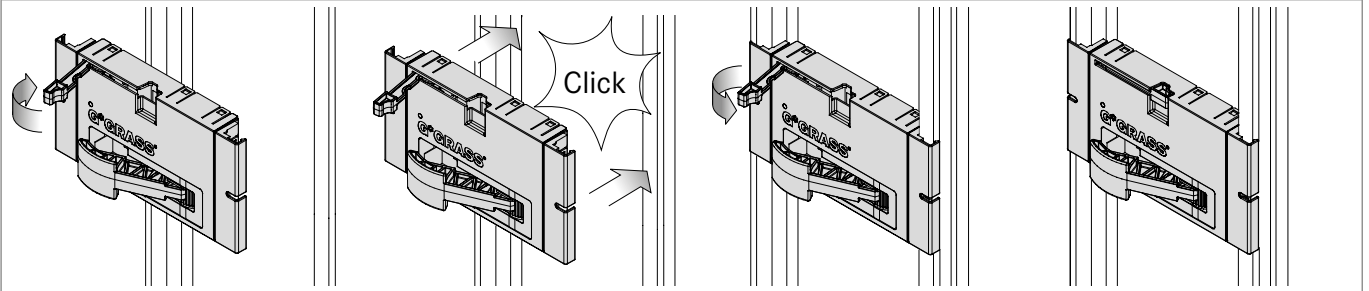
Drawer sides	11	Vertical wooden stretcher	82	Bottom panel frame set mounting	88
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Horizontal wooden stretcher	80	Back panel frame set mounting	86	Assembly technology	112

INSTALLATION INSTRUCTIONS

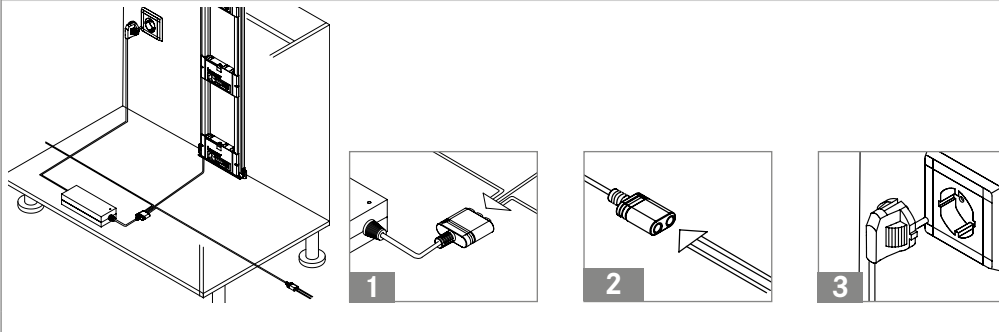
Cutting stretcher to length (horizontal and vertical wooden stretcher)



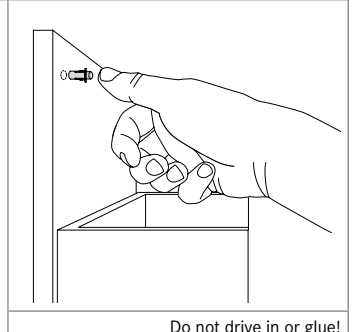
Installation of drive unit



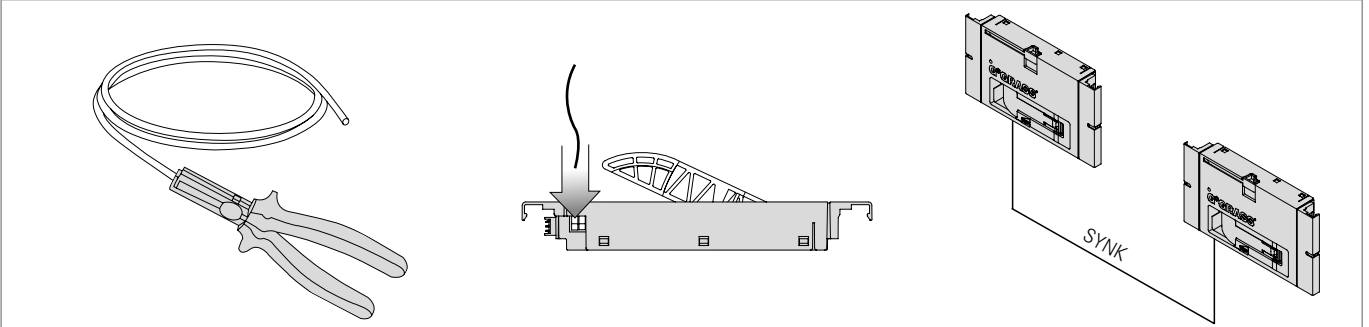
Wiring (connection sequence)



Inserting front buffer



Installing the synchronisation cable



LEGEND

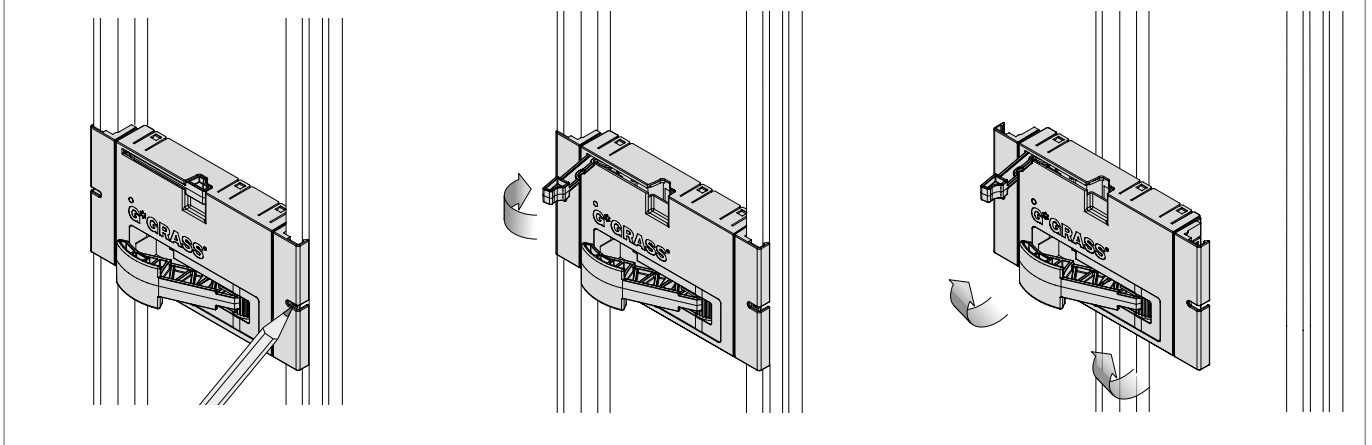
SYNK Synchronisation cable
TL Length of frame side

DWD XP SENSOMATIC

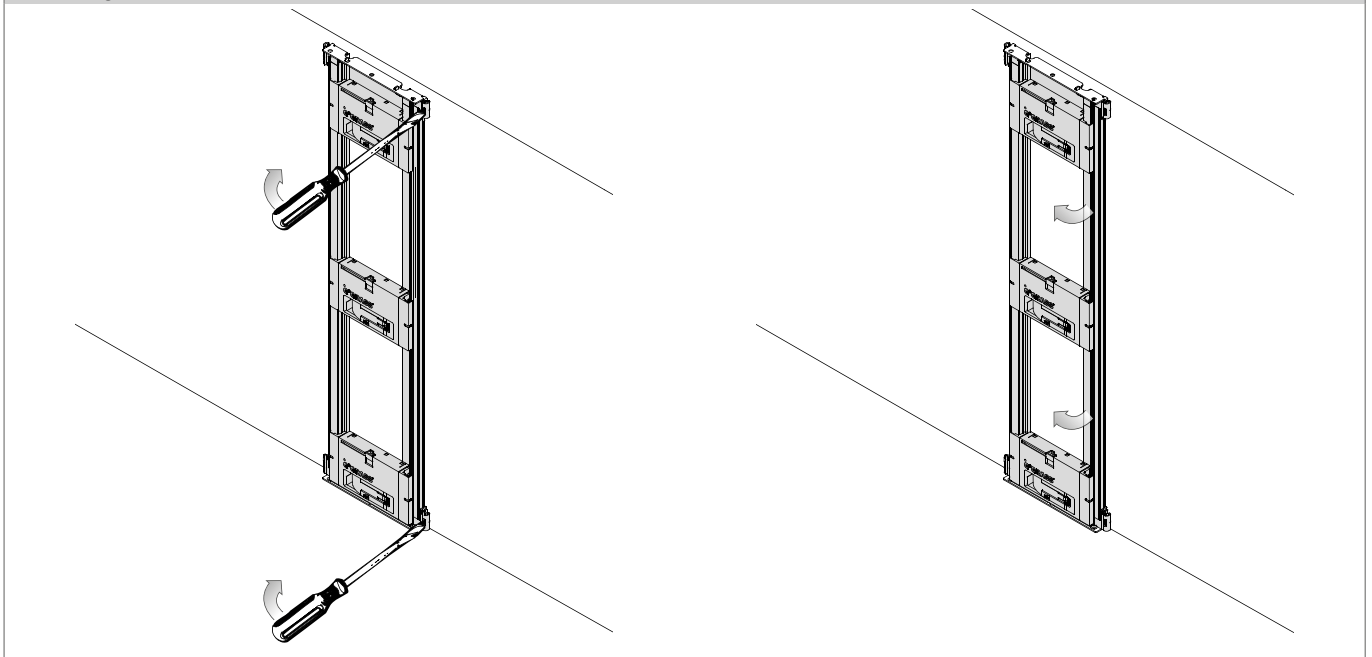
Dismantling instructions

DISMOUNTING

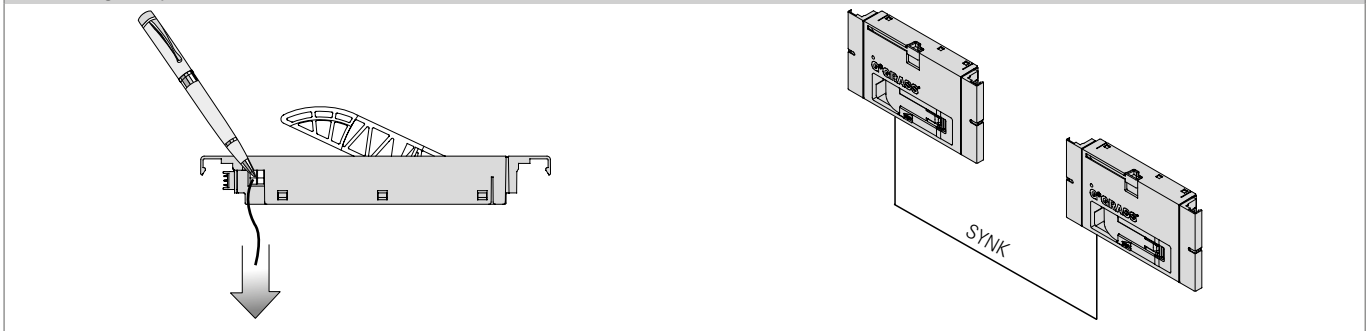
Dismantling the drive unit



Dismantling the frame sides



Dismantling the synchronisation cable

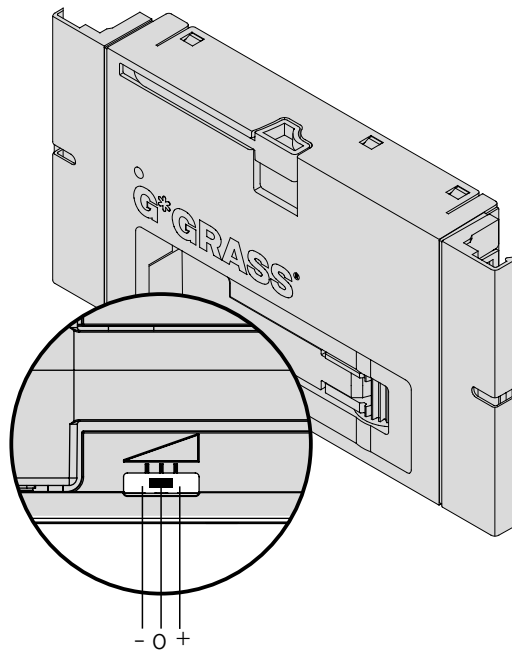


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ADJUSTMENT

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 installation of 2 drive units. The synchronisation cable ensures that these units are activated simultaneously
- **Important:**
In the area of the drive lever, no screws must be inserted into the drawer back panel
- 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**
Voltage supply: 100 to 240 V
Power supply frequency: 50 to 60 Hz
Max. power output: 230 W
- **Drive unit**
Voltage supply: 24 V
- **Operating conditions**
Temperature: 0 to 50 °C
Relative humidity: 15 to 90 %
non-condensing

LEGEND

SYNK Synchronisation cable

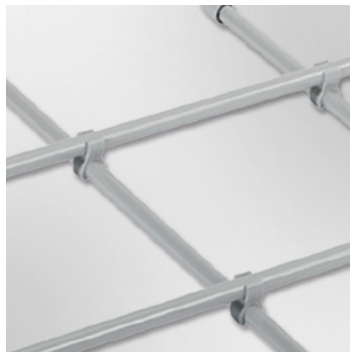


DWD XP DIVIDING AND ORGANISATION SYSTEMS

Systems designed to subdivide, organise and arrange:
Useful aids for organising storage space.



MAGIC SORTO
ORGANISING SYSTEM



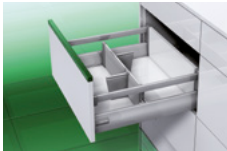
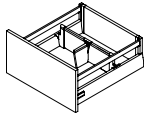

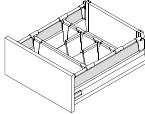
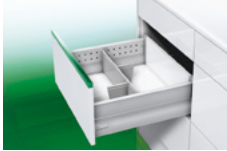
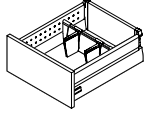

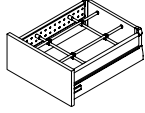

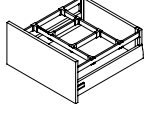

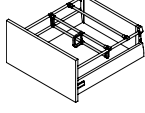
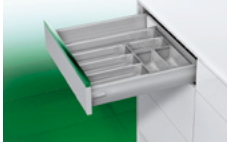
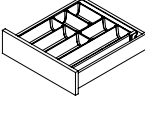
MAGIC CLASSIC
DIVIDING SYSTEM



MAGIC OPTIMA
DIVIDING SYSTEM

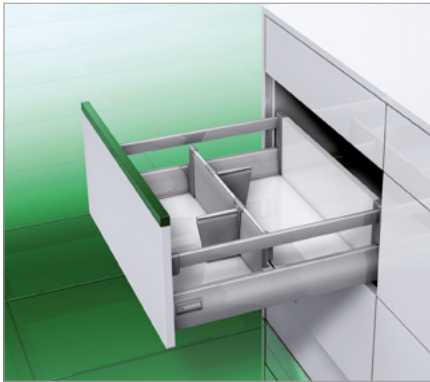
DIVIDING AND ORGANISING SYSTEMS

Modular dividing and organising systems create a tidy arrangement with everything visible at a glance

	Product description		Page
	<p>DWD XP Magic Optima for pot drawer division</p> <ul style="list-style-type: none"> • Individual dividing system for pot drawers with drawer side height H95 • Easy installation without tools • Can be used for round railings, rectangular railings, Variowing or glass side elements • Not suitable for Duowing • Tool-free adjustment for variable use of storage space 		98
	<p>DWD XP Magic Optima for Variowing and round railing</p> <ul style="list-style-type: none"> • Individual dividing system for pot drawers with drawer side height H95 and Variowing add-on system • Easy installation without tools • Tool-free adjustment for variable use of storage space 		100
	<p>DWD XP Magic Optima for Duowing</p> <ul style="list-style-type: none"> • Individual dividing system for pot drawers with drawer side height H95 and Duowing add-on system • Easy installation without tools • Tool-free adjustment for variable use of storage space 		102
	<p>DWD XP Magic Classic for Duowing</p> <ul style="list-style-type: none"> • Variable dividing system for pot drawers with Duowing • Fast, tool-free installation using spring/click connection • Can be retrofitted at any time 		104
	<p>DWD XP rectangular railing divider</p> <ul style="list-style-type: none"> • Divider profile for cutting to length • Easy installation without tools • Can be retrofitted at any time 		106
	<p>DWD XP round railing divider and bottle holder</p> <ul style="list-style-type: none"> • Easy installation without tools • Can be retrofitted at any time • Extendable with double railing or bottle holder 		108
	<p>Magic Sorto</p> <ul style="list-style-type: none"> • Perfect organisation of drawers for cutlery and small sundry items • High-quality stainless steel trays • Modular extension possible 		110

DIVIDING SYSTEMS

Magic Optima for pot drawer division



- For use with round railing, rectangular railing, Variowing and Magic Top
- Not to be used with Duowing

Packaging unit (PU):

207 = 10 units in a cardboard box
 211 = 20 units in a cardboard box
 511 = 20 units in PE in a cardboard box
 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

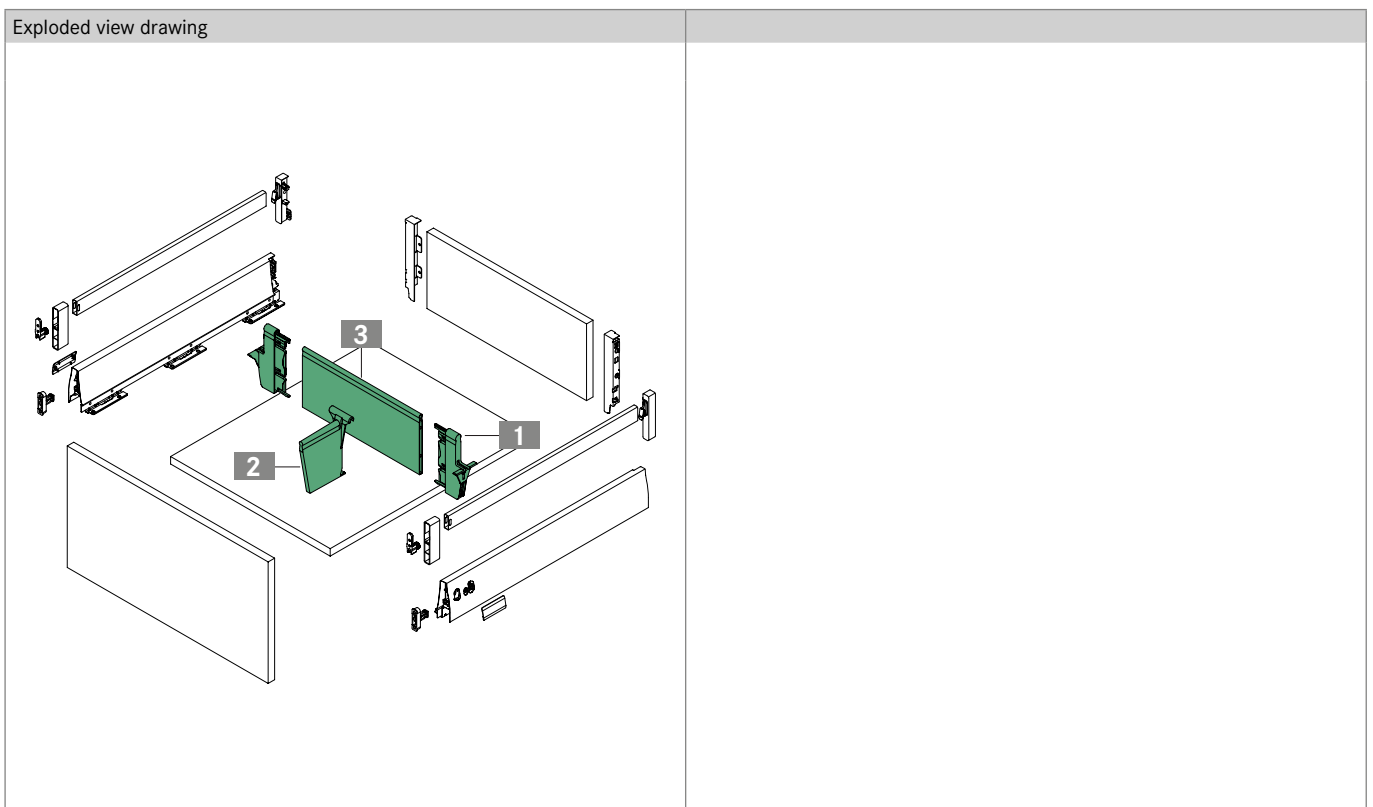
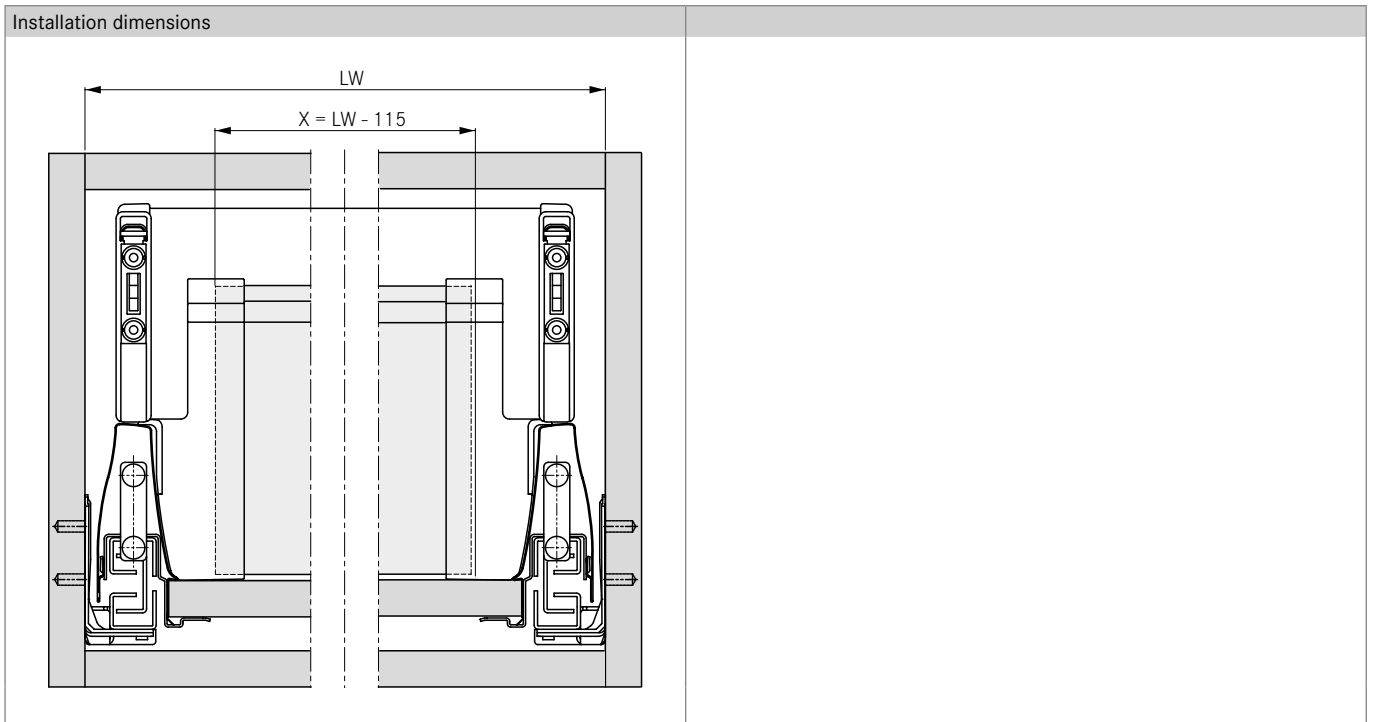
1 Magic Optima profile clip H95											
Single item: Can be used on left/right											
H	Aluminium metallic			White			Champagne				
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU			
95	F092101577	516		F092100488	516		F092075862	516			
2 Magic Optima Smartboard											
Single item											
	Aluminium metallic			White			Champagne				
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU			
	F092075826	511		F102100670	211		F092075827	211			
3 Magic Optima divider profile											
Single item: For cutting to length											
L	Aluminium metallic			White			Champagne				
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU			
1072	F092075808	207		F092075809	207		F092075810	207			

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
Slides	46	Accessories	64	Assembly aids	116
Flat packs	52	Application examples	66	Packaging code	119

INSTALLATION INFORMATION

All dimensions in millimetres

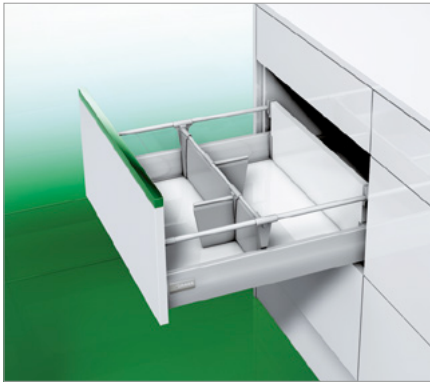


LEGEND

- H Height
- L Length
- LW Internal width

DIVIDING SYSTEMS

Magic Optima for Variowing and round railing






- Individual dividing system for pot drawers with drawer side height H95 and Variowing add-on system
- Organisation of storage space for better overview and order
- Easy installation without tools
- Tool-free adjustment for variable use of storage space
- Can be retrofitted at any time
- Colour coordinated with drawer side

Packaging unit (PU):

- 207 = 10 units in a cardboard box
- 211 = 20 units in a cardboard box
- 511 = 20 units in PE in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

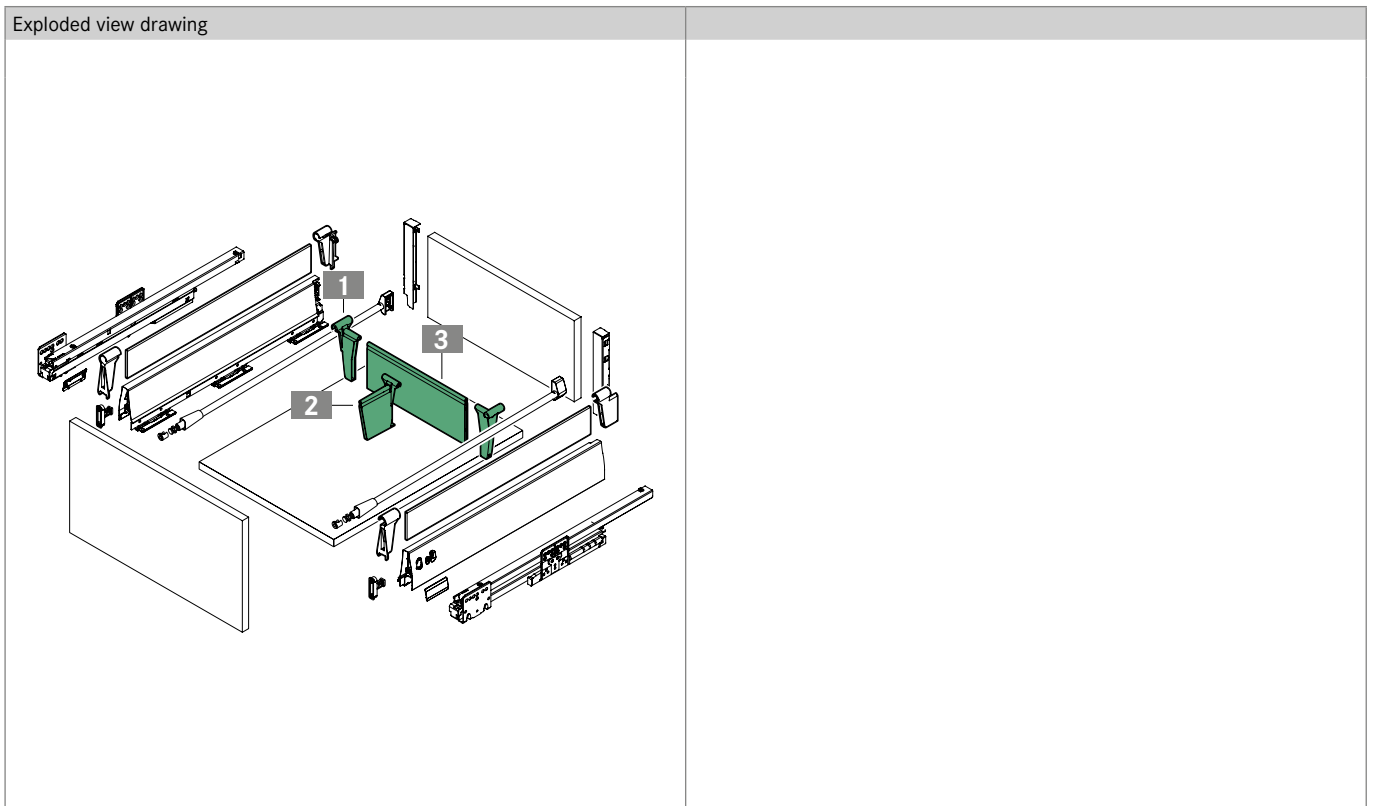
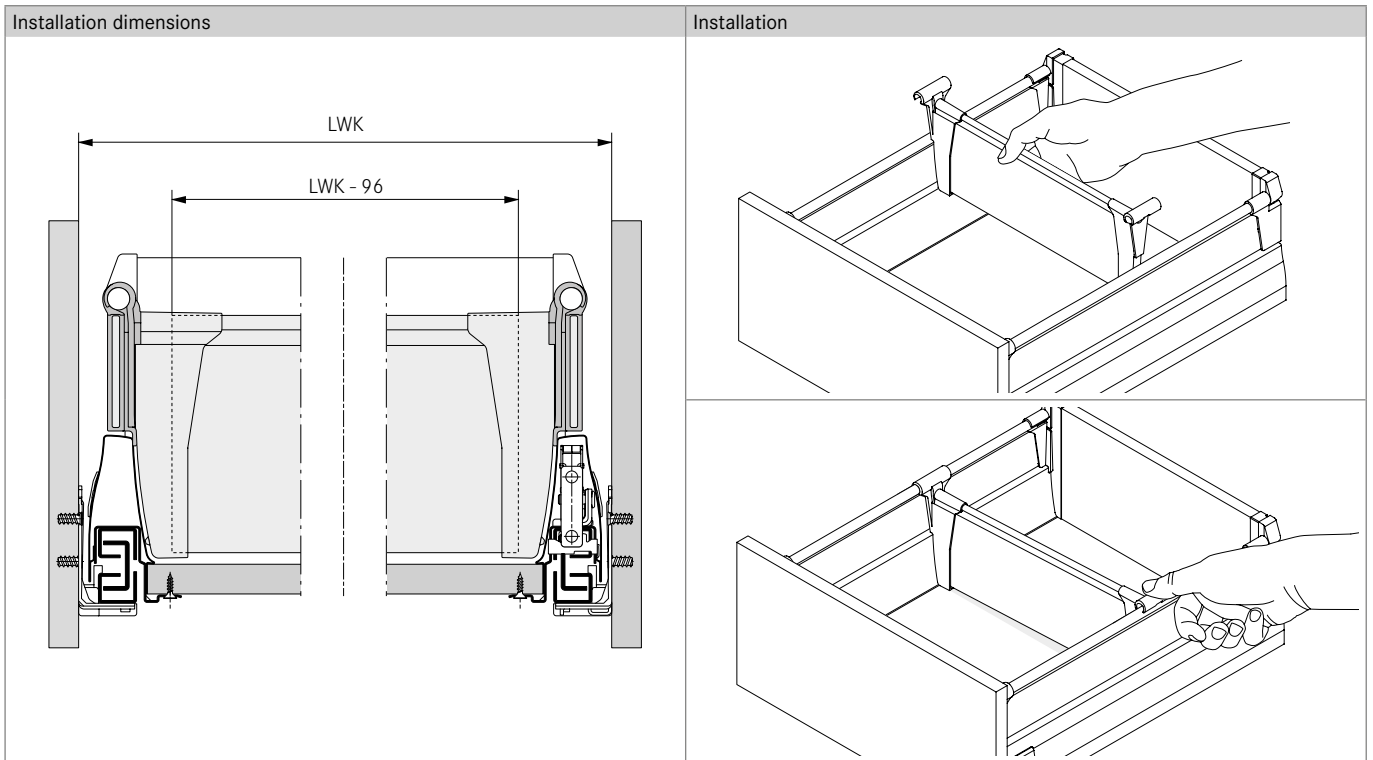
1 Magic Optima profile clip for Variowing and round railing															
Single item: Can be used on left/right															
Aluminium metallic			White				Champagne								
Art.-no.		PU	Art.-no.		PU	Art.-no.		PU							
F092075823		516	F092076844		516	F092075824		516							
2 Magic Optima Smartboard															
Single item															
Aluminium metallic			White				Champagne								
Art.-no.		PU	Art.-no.		PU	Art.-no.		PU							
F092075826		511	F102100670		211	F092075827		211							
3 Magic Optima divider profile															
Single item: For cutting to length															
Aluminium metallic			White				Champagne								
Art.-no.		PU	Art.-no.		PU	Art.-no.		PU							
L	F092075808		207	F092075809		207	F092075810		207						
1072															

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
Slides	46	Accessories	64	Assembly aids	116
Flat packs	52	Application examples	66	Packaging code	119

INSTALLATION INFORMATION

All dimensions in millimetres

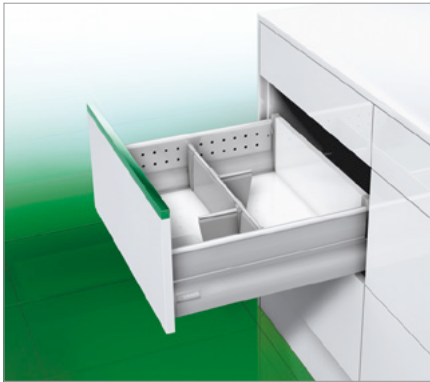


LEGEND

- L Length
- LWK Inside cabinet width

DIVIDING SYSTEMS

Magic Optima for Duowing



- Individual dividing system for pot drawers with drawer side height H95 and Duowing add-on system
- Organisation of storage space for better overview and order
- Easy installation without tools
- Tool-free adjustment for variable use of storage space
- Can be retrofitted at any time
- Colour coordinated with drawer side

Packaging unit (PU):

- 207 = 10 units in a cardboard box
- 211 = 20 units in a cardboard box
- 511 = 20 units in PE in a cardboard box
- 516 = 40 units in PE in a cardboard box

ORDER INFORMATION

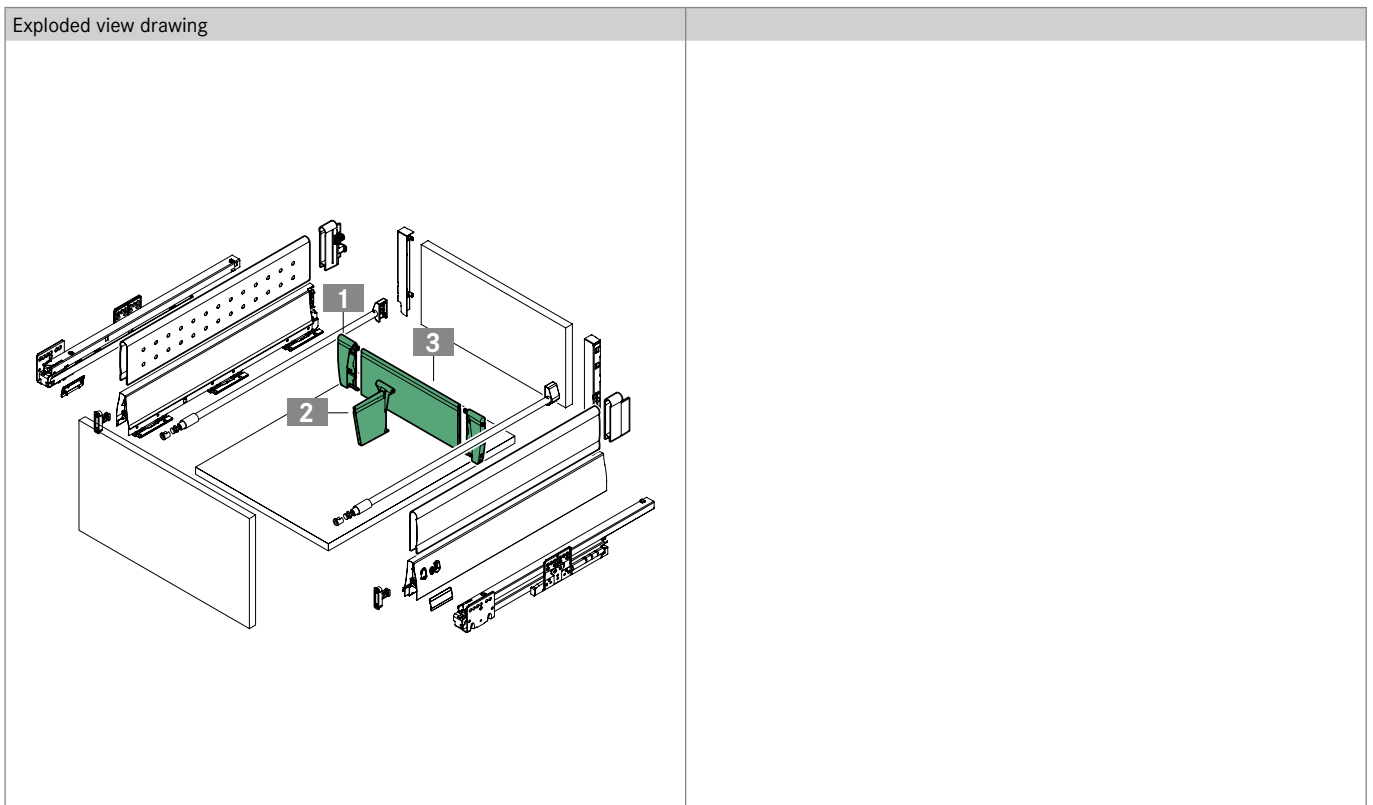
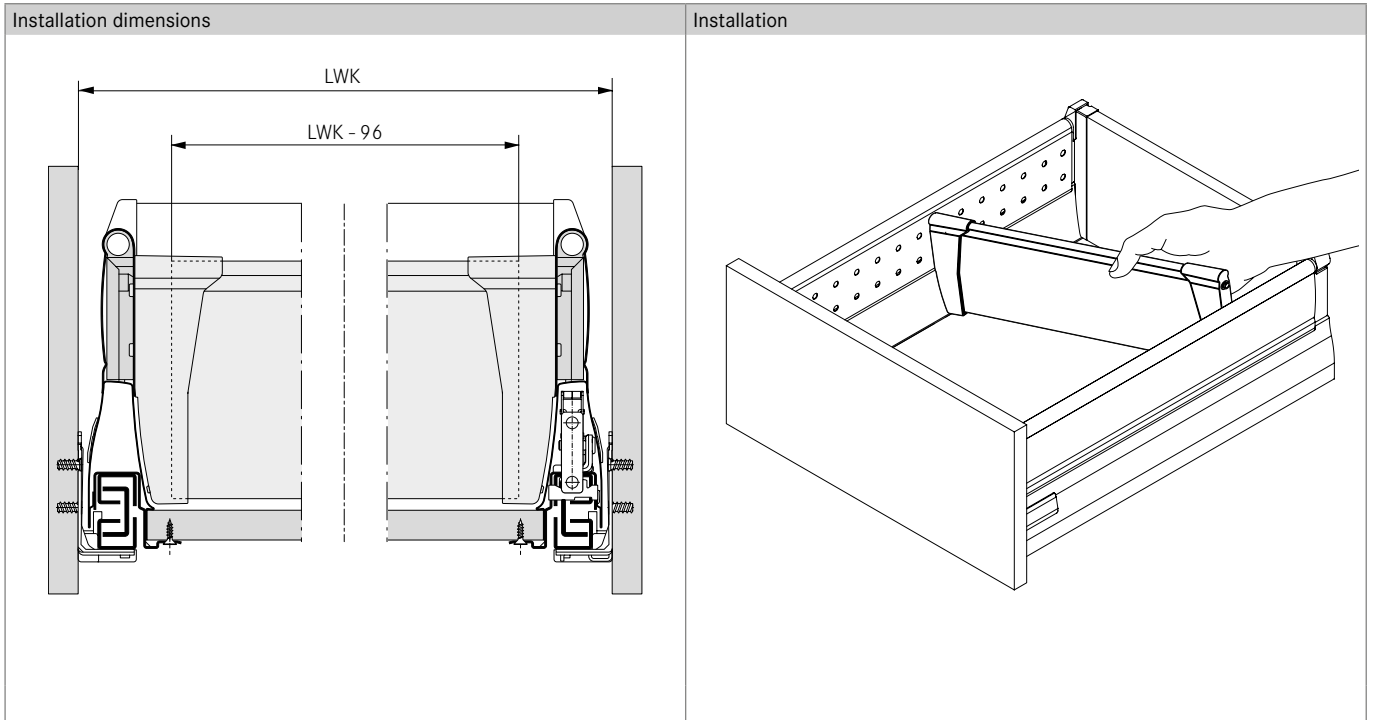
1 Magic Optima profile clip Duowing															
Single item: Can be used on left/right															
		Aluminium metallic			White			Champagne							
		Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
		F092075819	516		F092076845	516		F092075820	516						
2 Magic Optima Smartboard															
Single item															
		Aluminium metallic			White			Champagne							
		Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
		F092075826	511		F102100670	211		F092075827	211						
3 Magic Optima divider profile															
Single item: For cutting to length															
L			Aluminium metallic			White			Champagne						
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
1072	F092075808	207		F092075809	207		F092075810	207							

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

L	Length
LWK	Inside cabinet width

DIVIDING SYSTEMS

Magic Classic for Duowing



- Variable division of pot drawer H95 when using Duowing
- Fast, tool-free installation using spring/click connection
- Can be retrofitted at any time
- Tool-free adjustment
- Colour coordinated with drawer side
- Longitudinal and cross dividers for cutting to length

Packaging unit (PU):

513 = 25 units in PE in a cardboard box

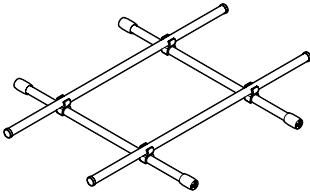
ORDER INFORMATION

1 Magic Classic divider set for NL 500															
KB	Aluminium metallic				White										
	Art.-no.	PU			Art.-no.	PU									
600	F092075796	513			F092077405	513									
1200	F092075793	513			F092077406	513									

1 set for cabinet width 600 comprising:

- 2 longitudinal dividers
- 2 cross dividers
- 4 cross fittings

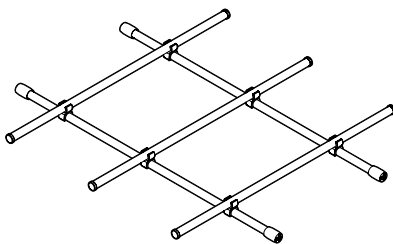
KB 600



1 set for cabinet width 1200 comprising:

- 3 longitudinal dividers
- 2 cross dividers
- 6 cross fittings

KB 1200

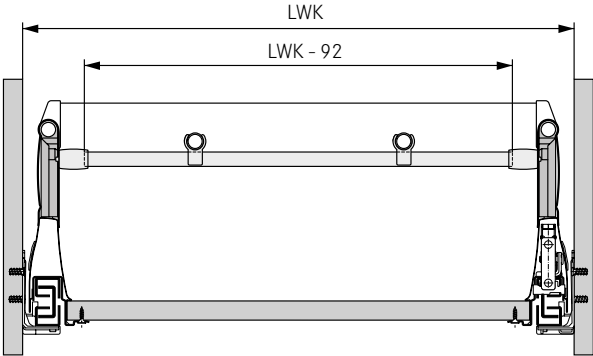
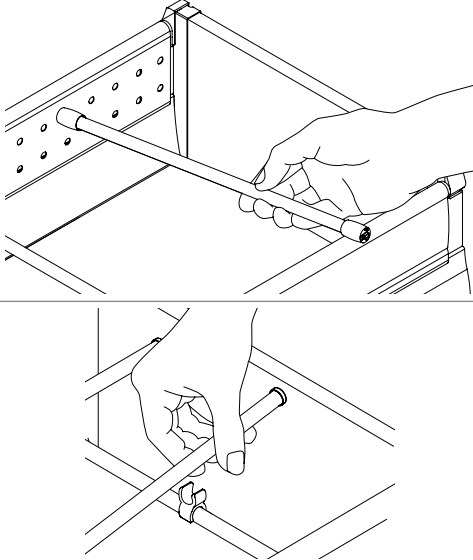
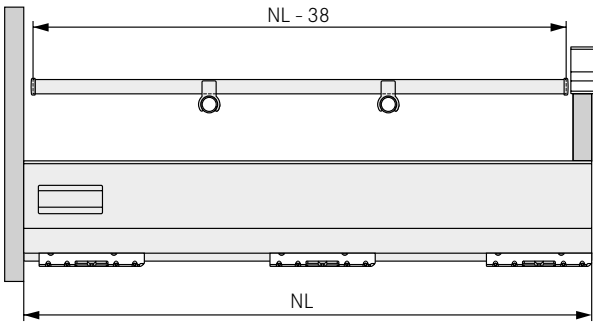
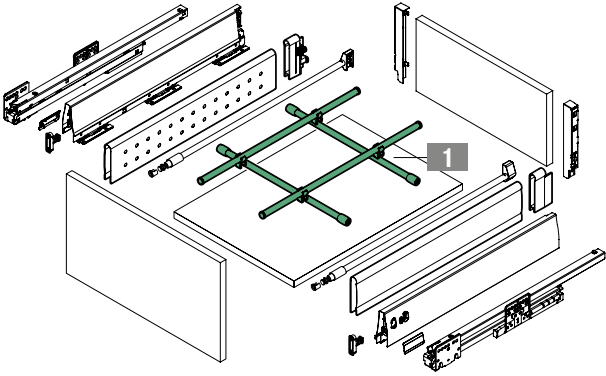


PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Installation
 <p>Technical drawing of a drawer divider showing dimensions LWK and LWK - 92.</p>	 <p>Two illustrations showing the installation of a longitudinal divider into a drawer.</p>
Cutting dimensions for longitudinal dividers	
 <p>Technical drawing of a longitudinal divider showing dimensions NL - 38 and NL.</p>	
Exploded view drawing	
 <p>Exploded view drawing of the drawer divider system.</p>	

LEGEND

- KB Cabinet width
- LWK Inside cabinet width
- NL Nominal length

DIVIDING SYSTEMS

Rectangular railing divider




- Easy installation without tools
- Can be retrofitted at any time
- Tool-free adjustment in 25 mm grid
- Very strong
- Divider profile for cutting to length


Packaging unit (PU):

111 = 20 units in PE

211 = 20 units in a cardboard box

ORDER INFORMATION

1 Rectangular railing divider profile Single item: For cutting to length																
L	Aluminium metallic				White				Champagne							
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU						
1150	F092077417	211			F092076916	211			F092076915	211						

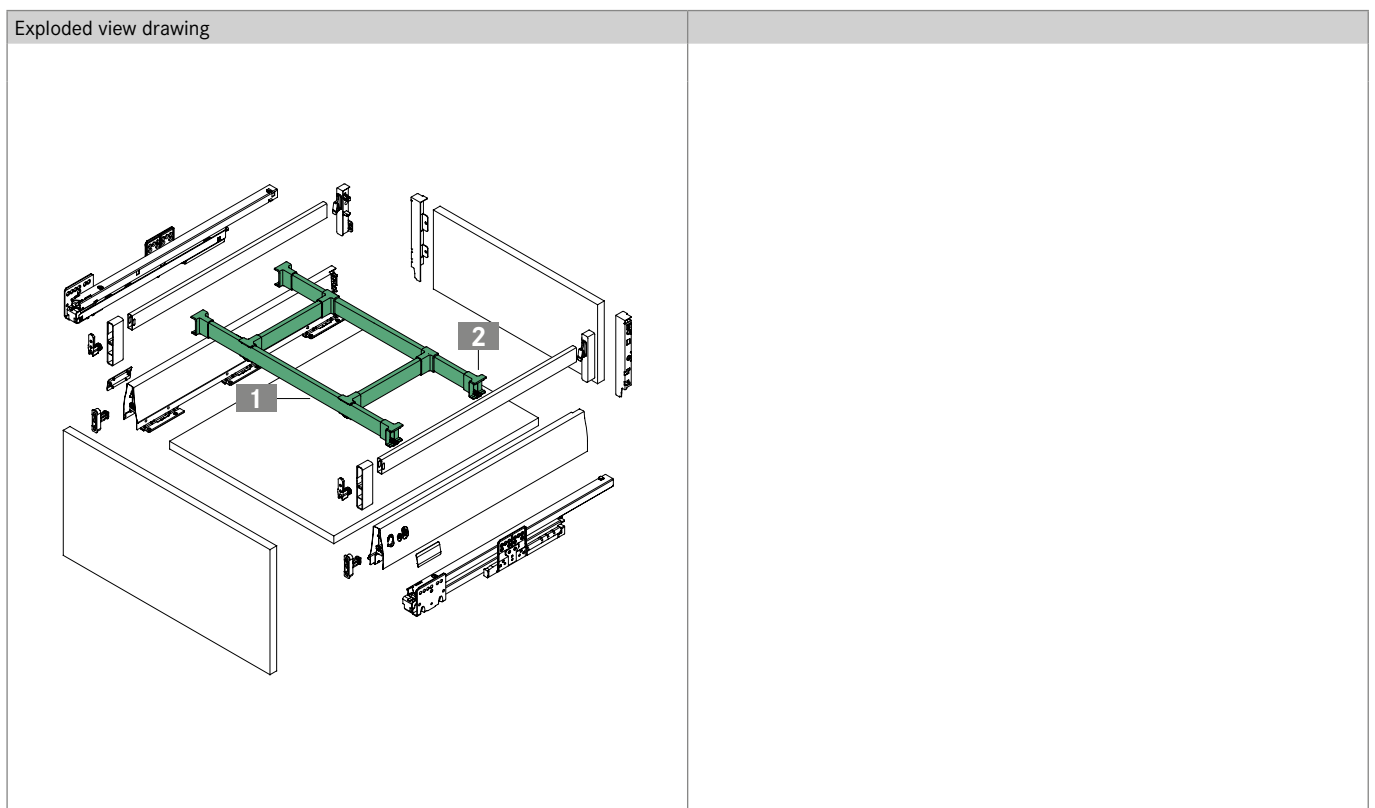
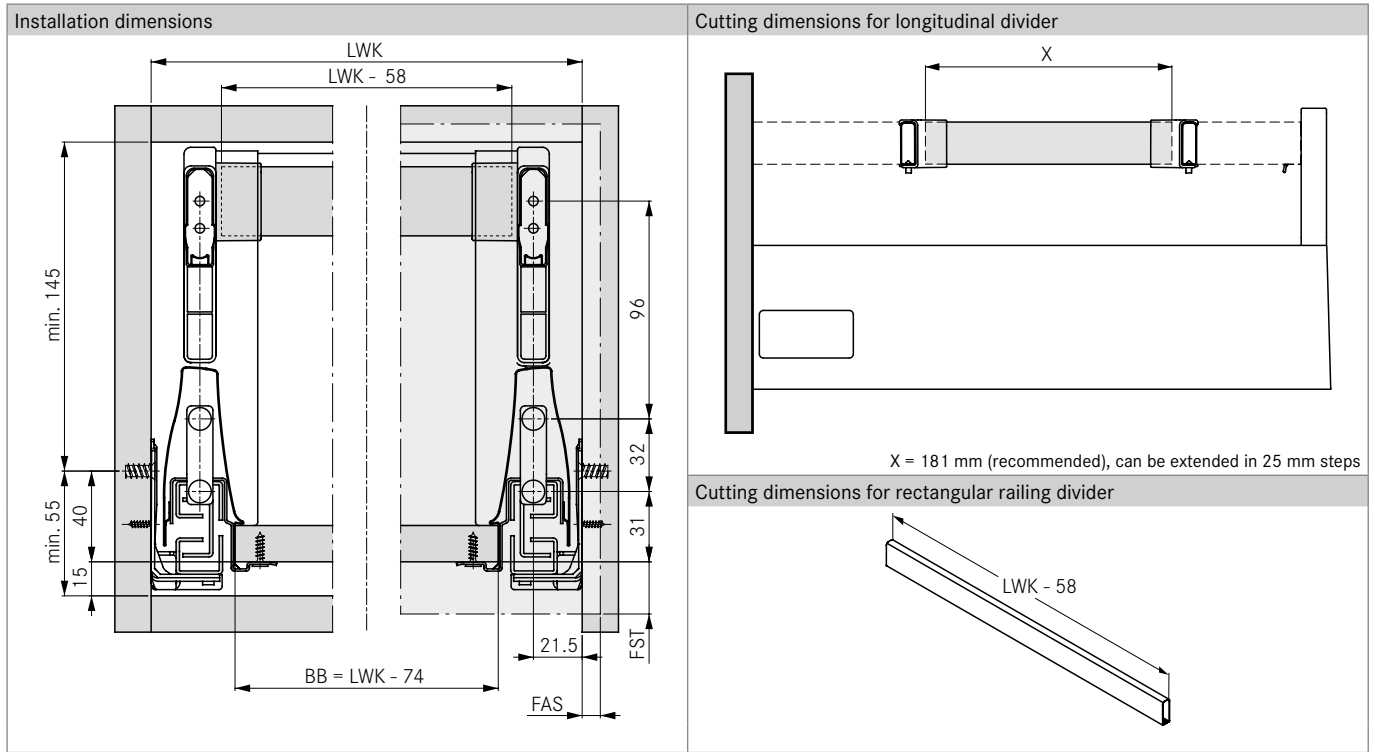
2 Divider railing clip for rectangular railing Single item: can be used on left/right																
	Aluminium metallic				White				Champagne							
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU						
	F092077414	211			F145096770	111			F092116222	211						

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
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INSTALLATION INFORMATION

All dimensions in millimetres



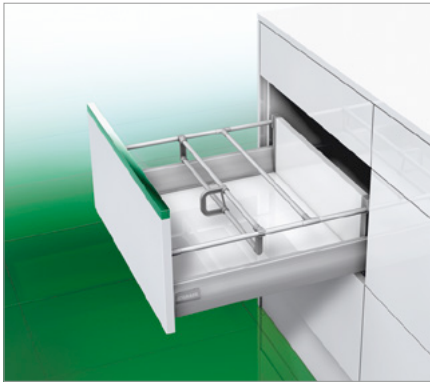
LEGEND

BB Bottom panel width
FAS Front overlay, side
FST Front overlay
L Length

LWK Inside cabinet width

DIVIDING SYSTEMS

Round cross railing divider and bottle holder



- Easy installation without tools
- Can be retrofitted at any time
- Tool-free variable adjustment
- Divider profile for cutting to length
- Extendable with double railing or bottle holder

Packaging unit (PU):

- 211 = 20 units in a cardboard box
- 223 = 100 units in a cardboard box
- 233 = 200 units in a cardboard box

ORDER INFORMATION

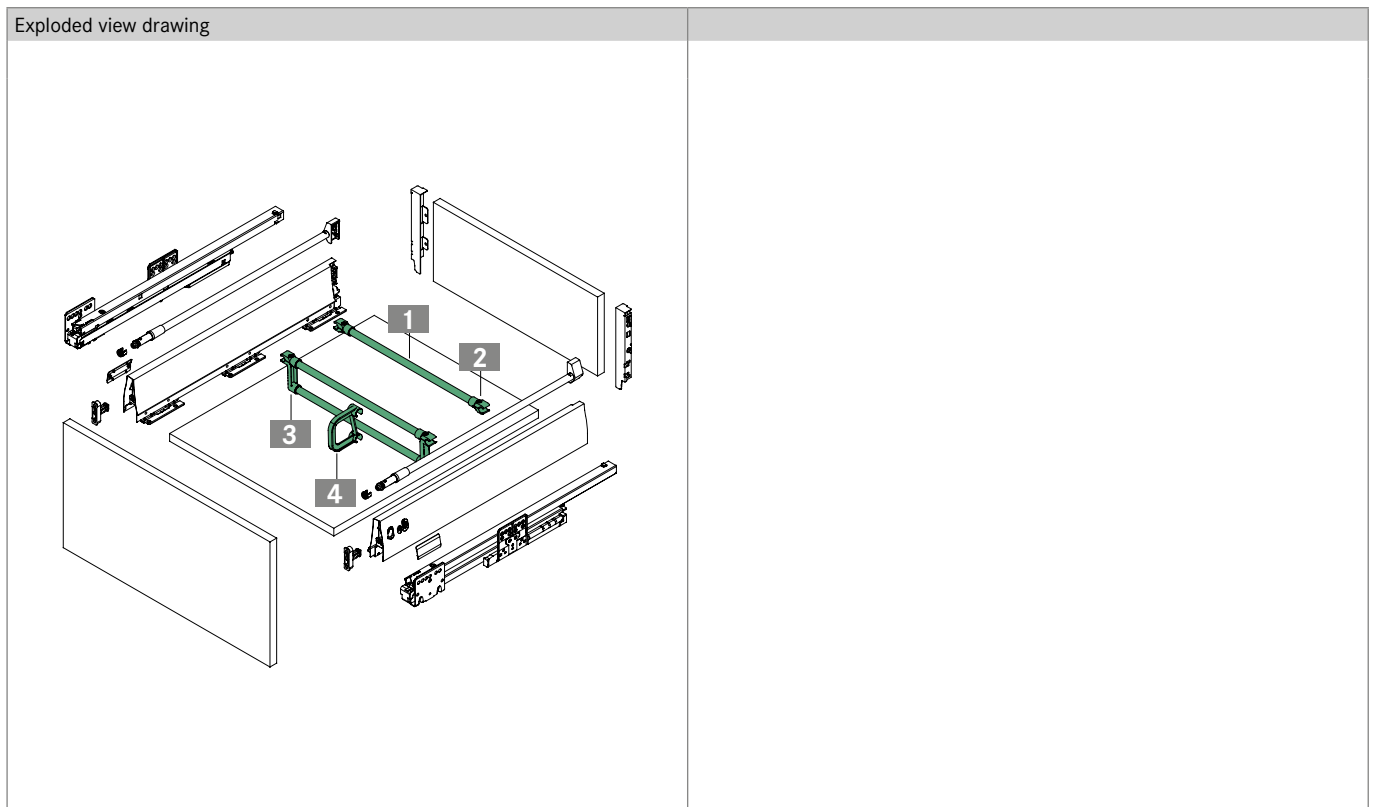
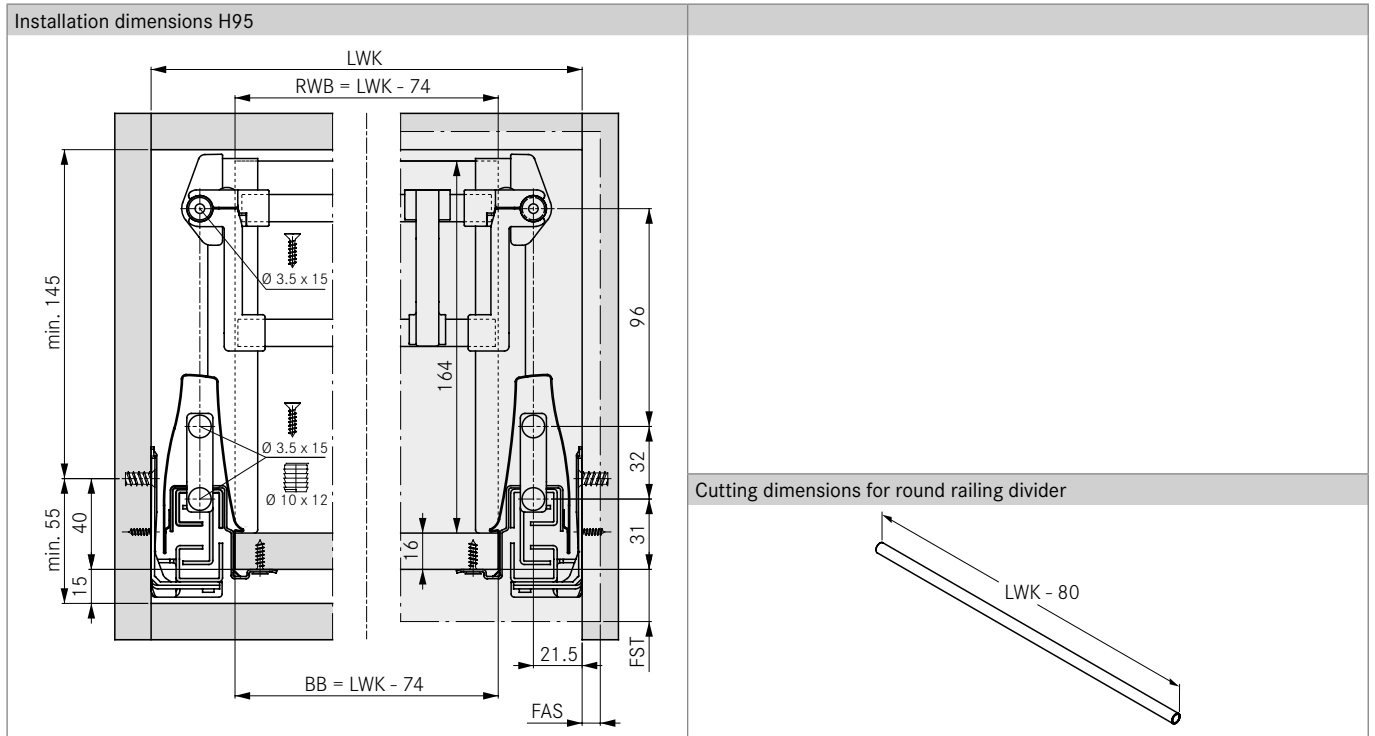
1 Round railing divider profile														
Single item: For cutting to length														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
1150	F092082461	211		F092082479	211		F092076915	211						
2 Cross railing clip, single														
Single item: can be used on left/right														
Aluminium metallic			White			Champagne								
Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
F092082484	233		F092071504	233		F092082485	223							
3 Cross railing clip, double														
Single item: can be used on left/right														
Aluminium metallic			White			Champagne								
Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
F092082486	223		F092071505	223		F092082487	223							
4 Bottle holder														
Single item														
Aluminium metallic			White			Champagne								
Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
F092082488	223		F092076842	223		F092082489	223							

PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Assembly technology	112
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Flat packs	52	Application examples	66	Packaging code	119

INSTALLATION INFORMATION

All dimensions in millimetres

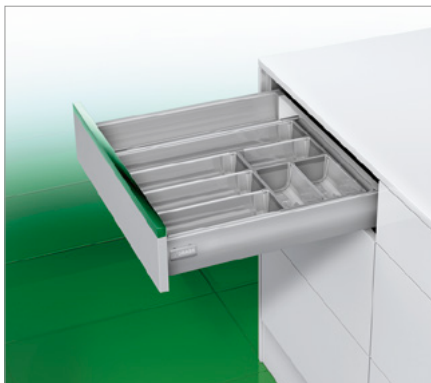


LEGEND

BB	Bottom panel width	LWK	Inside cabinet width	
FAS	Front overlay, side	RWB	Width of back panel	
FST	Front overlay			
L	Length			

ORGANISING SYSTEMS

Magic Sorto

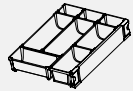


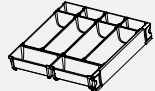
- Perfect organisation, for cutlery and small parts drawers
- High-quality stainless steel trays
- LGA-certified, hygiene-tested, non-toxic and dishwasher-proof
- Available in 3 colours
- Modular extension possible
- For nominal lengths 450 to 550 mm
- Without frame
- Variable tray arrangement possible

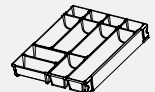
Packaging unit (PU):


- 201 = 1 unit in cardboard box
- 203 = 4 units in cardboard box
- 205 = 6 units in a cardboard box
- 207 = 10 units in a cardboard box
- 213 = 25 units in a cardboard box
- 513 = 25 units in PE in a cardboard box


ORDER INFORMATION

1 Magic Sorto set B3 Set														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
450	F092075618	201		F092077380	201		-							
500	F092075619	201		F092116167	201		F092075622	201						
550	F092075623	201		-			-							

2 Magic Sorto set B4 Set														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
450	F092075629	201		F092077381	201		-							

3 Magic Sorto set B4 S Set														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
500	F092075635	201		F092076846	201		F092075638	201						
550	F092075639	201		-			-							

4 Magic Sorto divider rail Single item														
NL	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
500	F092075648	213		F092077383	213		F092075650	213						
650	F092075653	213		F092077384	513		F092075655	213						

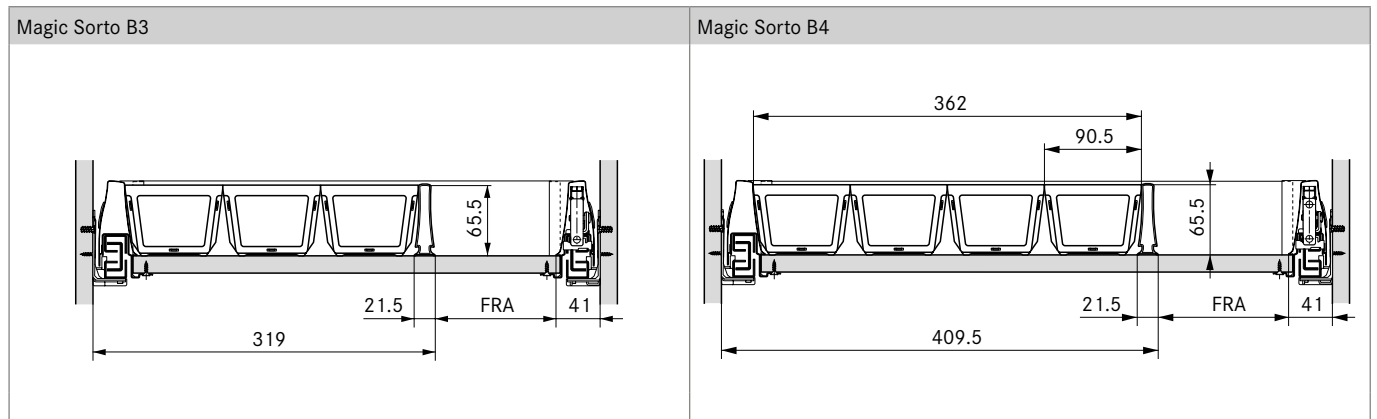
5 Magic Sorto trays Single item														
L	Aluminium metallic			White			Champagne							
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU						
180	F092075663	207		F092077385	207		-							
270	F092075666	205		F092077386	205		-							
450	F092075669	203		F092077387	203		-							

PAGE REFERENCES

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INSTALLATION INFORMATION

All dimensions in millimetres



LAYOUT OPTIONS

Magic Sorto set NL 450 B3

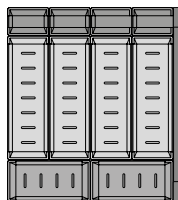
NL 450 and cabinet widths from 450 mm



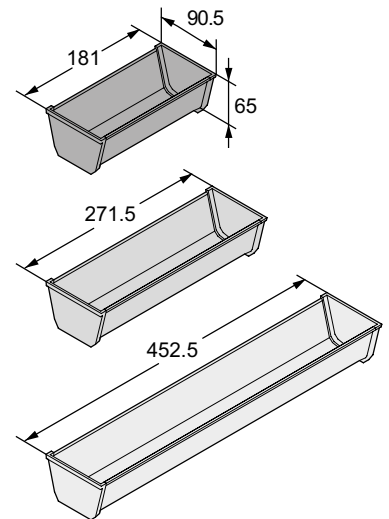
- Consisting of:
- 2 trays 270 x 90 mm
 - 3 trays 180 x 90 mm
 - 3 filler trays 60 mm
 - 1 spring-loaded divider rail

Magic Sorto set NL 450 B4

NL 450 and cabinet widths from 600 mm

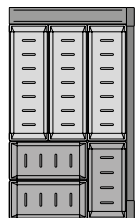


- Consisting of:
- 4 trays 270 x 90 mm
 - 2 trays 180 x 90 mm
 - 4 filler trays 60 mm
 - 1 spring-loaded divider rail



Magic Sorto set NL 500 B3

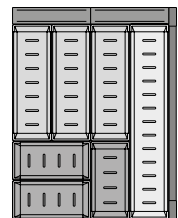
NL 500 and cabinet widths from 450 mm



- Consisting of:
- 3 trays 270 x 90 mm
 - 3 trays 180 x 90 mm
 - 1 spacer bar 270 mm
 - 1 spring-loaded divider rail

Magic Sorto set NL 500 B4S

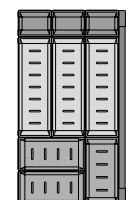
NL 500 and cabinet widths from 600 mm



- Consisting of:
- 1 tray 450 x 90 mm
 - 3 trays 270 x 90 mm
 - 3 trays 180 x 90 mm
 - 2 spacer bars 180 mm
 - 1 spring-loaded divider rail

Magic Sorto set NL 550 B3

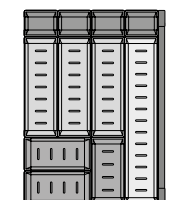
NL 550 and cabinet widths from 450 mm



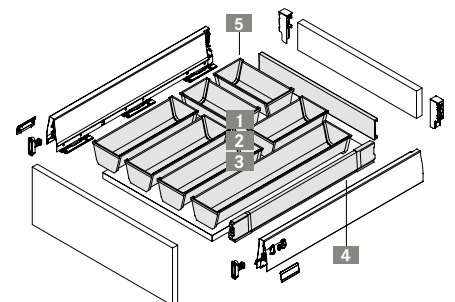
- Consisting of:
- 3 trays 270 x 90 mm
 - 3 trays 180 x 90 mm
 - 3 filler trays 70 mm
 - 1 spring-loaded divider rail

Magic Sorto set NL 550 B4S

NL 550 and cabinet widths from 600 mm



- Consisting of:
- 1 tray 450 x 90 mm
 - 3 trays 270 x 90 mm
 - 3 trays 180 x 90 mm
 - 4 filler trays 70 mm
 - 1 spring-loaded divider rail



LEGEND

- FRA Spare space
- L Length
- NL Nominal length

TECMATOR ZP-XP

For industrial production of DWD XP regular and pot drawers

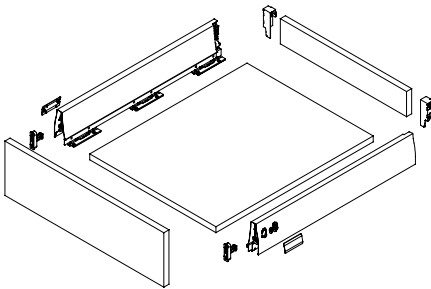


- Easy and straightforward handling of the individual parts on the machine
- For large series production
- Any required drawer width can be set
- Adjustment with pneumatic clamping
- Fast operating sequences
- Very sturdy frame construction
- All DWD XP lengths can be processed
- It is possible to process drawers and pull-outs for cabinet widths from 250 to 1200 mm
- Can be used for wooden and steel back panels
- Reset stops included as standard, can be set to customer requirements (12x)
- Pneumatic drive for closing, pressing and opening action

ORDER INFORMATION

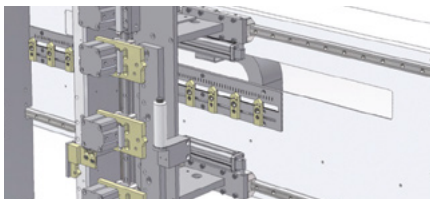
Designation	Art.-no.	PU
Tecmator ZP-XP	F146083263	801

DWD XP

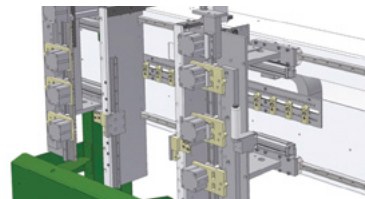


ADVANTAGES

Easy width adjustment thanks to pneumatic clamping



Easy, straightforward handling of individual parts.



The frame structure ensures excellent stability



PAGE REFERENCES

Drawer sides	11	Add-on systems	58	Technical information	70
Slides	46	Accessories	64	Assembly aids	116
Flat packs	52	Application examples	66	Packaging code	119

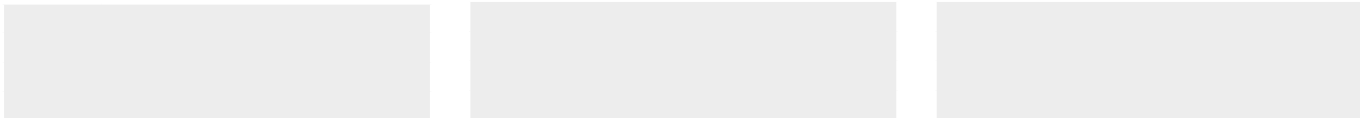
TECHNICAL DATA

Connections	
Pneumatic	6 bar dry

Dimensions	
Width	2.00 m
Depth	1.00 m
Height	1.75 m

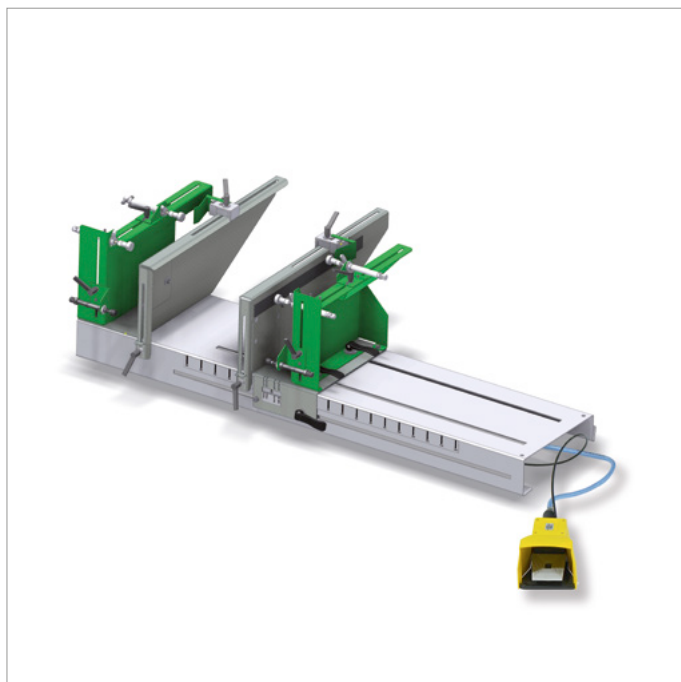
Weight	
ZP-XP	320 kg

LEGEND



TECMATOR ZMV-TP4

Semi-automatic assembly of regular and pot drawers

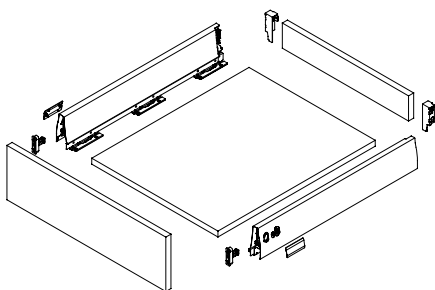


- Pneumatic table-top machine (up to a drawer width of 250 mm) for all GRASS slide systems: Nova Pro, DWD XP, Vionaro and Integra
- Drawers with an external cabinet width of up to 1200 mm can be processed with the ZMV-TP4
- Easy and straightforward handling
- Sturdy construction
- For small series production
- Pneumatic control system
- High performance

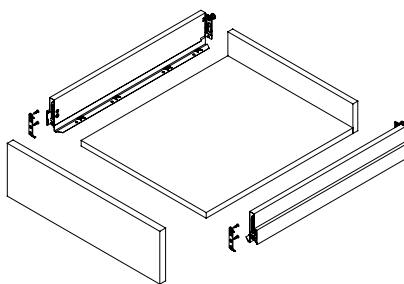
ORDER INFORMATION

Designation	Art.-no.	PU
Tecmator ZMV-TP4	F146108668	201

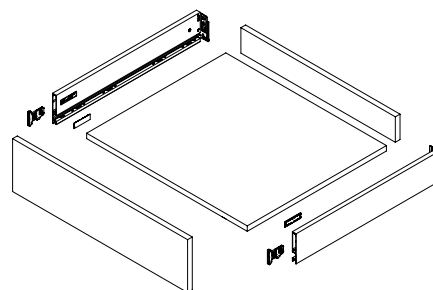
DWD XP



NOVA PRO

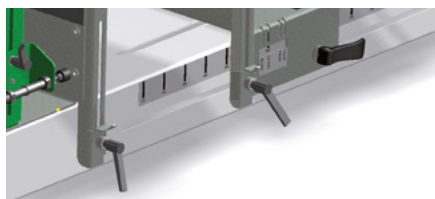


VIONARO

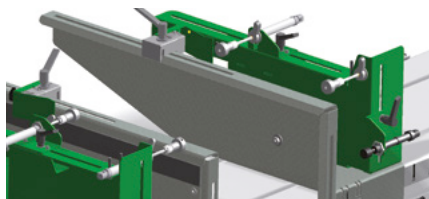


ADVANTAGES

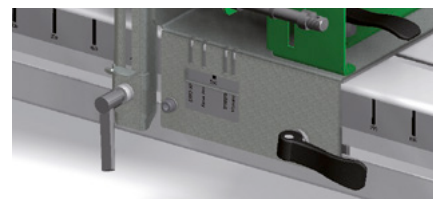
Tool-free setting



Sturdy base frame with pneumatic closing mechanism



All GRASS drawer systems can be processed



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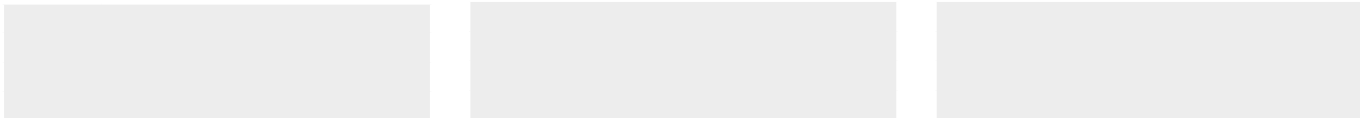
TECHNICAL DATA

Connections	
Pneumatic	6 bar

Dimensions	
Width	1.62 m
Depth	0.90 m
Height	0.50 m

Weight	
ZMV-TP4	65 kg

LEGEND



ASSEMBLY AIDS

DWD XP

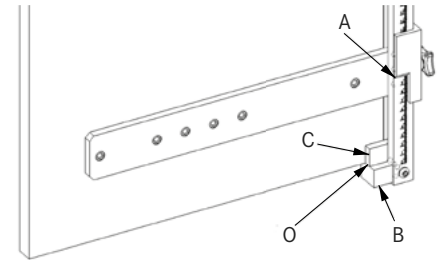


DRILLING JIG FOR CABINET MEMBER

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



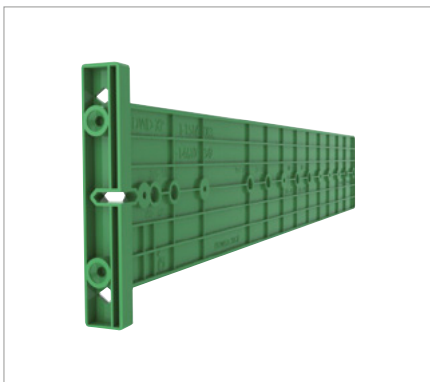
	Art.-no.	PU
	F146094730	501



INDIVIDUAL MARKING ELEMENT

For extending the drilling jig for cabinet member F146094730.

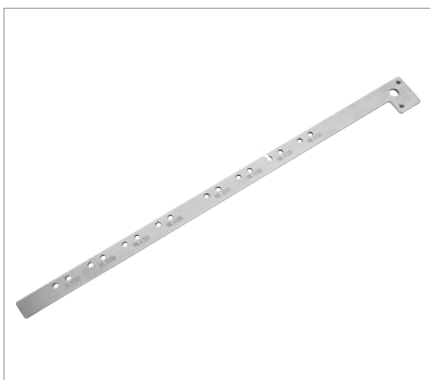
	Art.-no.	PU
	F146094721	299



DRILLING JIG FOR CABINET MEMBER

For use with pilot drill bit F146035692.

	Art.-no.	PU
	F146101347	507



DRILLING JIG FOR TIPMATIC PLUS

For pre-drilling the fixing holes of locking parts:

- Easy and quick pre-drilling.
- For use with pilot drill bit F146035692

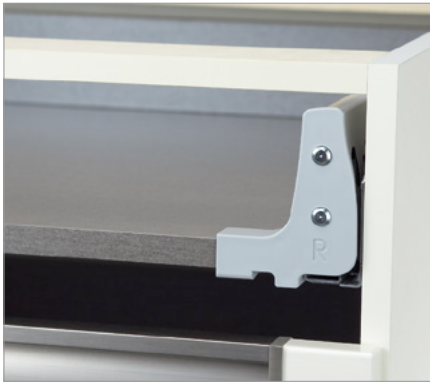
NL	Art.-no.	PU
275-550	F146101000	299
400-550	F146083257	201

PAGE REFERENCES

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DWD XP MARKING JIG SET

Marking jig set for DWD XP front holder.

One set includes:

- Marking jig - left
- Marking jig - right
- Marker points (4x)



	Art.-no.	PU
	F146083256	101



DWD XP FRONT DRILLING JIG

Front drilling jig for DWD XP front holder, railing and add-on systems.



	Art.-no.	PU
	F146083259	201



DWD XP F8 FRONT DRILLING JIG

Front drilling jig for DWD XP F8 inset drawer front panel holder, railing and add-on systems.

	Art.-no.	PU
	F146101057	101



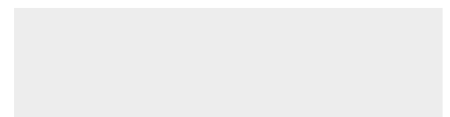
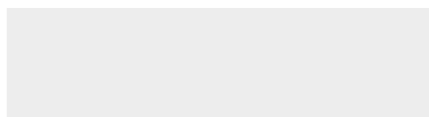
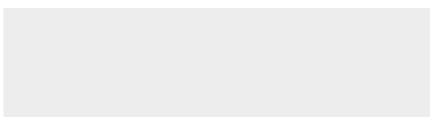
DWD XP RAILING DRILLING JIG

For DWD XP railing.



	Art.-no.	PU
	F146083261	101

LEGEND



ASSEMBLY AIDS

DWD XP



DRILLING JIG FOR SENSOMATIC

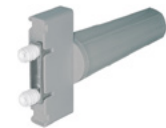
For pre-drilling the holes for fixing brackets at the assembled cabinet or loose bottom or top panel, for the Sensomatic system.

	Art.-no.	PU
	F146109850	299



DWD XP MANUAL PUNCHING TOOL

For DWD XP front holder for press fitting.



	Art.-no.	PU
	F146083254	101



DWD XP PUNCHING TOOL

For DWD XP front holder for glass holder for press fitting.

	Art.-no.	PU
	F146100971	299



INSERTION DIE

For DWD XP front holder.

	Art.-no.	PU
For drilling machines without horizontal drilling head	F146109857	299
For drilling machines with horizontal drilling head	F146109858	299

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Drawer sides	11
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PACKAGING CODE

Explanation

Article Number

Packaging Code



TYPE OF PACKAGING

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

PACKAGING UNIT

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

QUICK OVERVIEW

Packaging code	Explanation
101	1 unit in PE (bag, film or band)
103	4 units in PE (bag, film or band)
107	10 units in PE (bag, film or band)
111	20 units in PE (bag, film or band)
116	40 units in PE (bag, film or band)
123	100 units in PE (bag, film or band)
147	1000 units in PE (bag, film or band)
201	1 unit in a cardboard box
203	4 units in a cardboard box
204	5 units in a cardboard box
205	6 units in a cardboard box
207	10 units in a cardboard box
211	20 units in a cardboard box
213	25 units in a cardboard box
214	30 units in a cardboard box
217	50 units in a cardboard box
218	60 units in a cardboard box
223	100 units in a cardboard box
233	200 units in a cardboard box
239	400 units in a cardboard box
261	10000 units in a cardboard box
299	X units in a cardboard box
501	1 unit in PE (bag, film or band) in a cardboard box
507	10 units in PE (bag, film or band) in a cardboard box
511	20 units in PE (bag, film or band) in a cardboard box
513	25 units in PE (bag, film or band) in a cardboard box
516	40 units in PE (bag, film or band) in a cardboard box
517	50 units in PE (bag, film or band) in a cardboard box
523	100 units in PE (bag, film or band) in a cardboard box
607	10 units in a cardboard box in a cardboard box
801	1 unit in PE (bag, film or band) in different containers

TERMS

Unit	X single items/sets in specific packaging
Single item	X parts of one type (e.g. installation hooks only)
Set	X parts of different types (e.g. railing, railing bracket (front/back) and cover cap, one of each left/right)



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