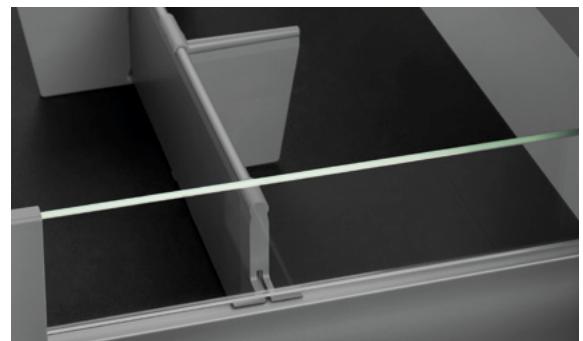




G*GRASS®

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 aluminium-metallic, the compact drawer system is also available in stone for variation in colour.

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

This also applies to the choice of colours. The powder-coated drawer sides are not only available in the classic colours white and aluminium-metallic but also in a striking stone finish for attractively styled kitchen furniture.

ALUMINIUM
METALLIC

WHITE

STONE

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
OPENING SYSTEM

Mechanical opening of regular and pot drawers.

Tipmatic opens up optimum design options for furniture with high design and visual demands. With the touch-activated mechanism, large, handle-free fronts are possible that will open with a gentle tap. Optimum access and a reliable catch function make Tipmatic a comfort system for high standards.

**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.

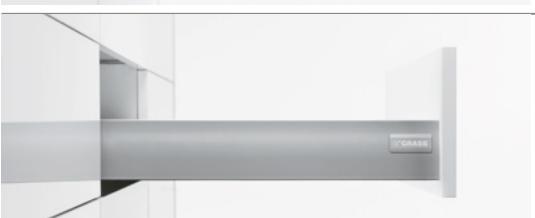
Passion is revealed right from the beginning – in the packaging. In the practical set everything is ready at hand that is needed for a first-class drawer system.

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.

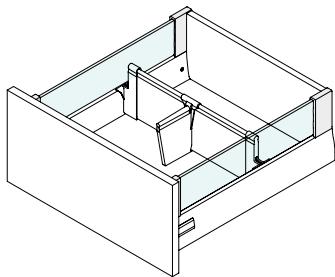
	DWD XP	11
	Double-wall metal drawer sides with an elegant design with functional add-on systems.	
	DWD XP FLAT PACKS	58
	DWD XP drawer system in a neat and space-saving set.	
	DWD XP SENSOMATIC	81
	Electromechanical opening system for regular and pot drawers.	
	DWD XP DIVIDING AND ORGANISING SYSTEMS	103
	Organising, dividing, fitting out – useful aids for organising storage space.	
	ASSEMBLY TECHNOLOGY	124
	Installation and assembly aids. Tried-and-tested technology for professional cost-effectiveness.	



DWD XP DRAWER SYSTEM

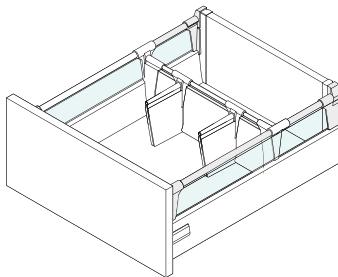
Variety of the finest quality: a range of material, colour and design combinations – all harmoniously coordinated – these are the ingredients for individuality, comfort and lifestyle.

QUALITY CERTIFICATE
LGAD



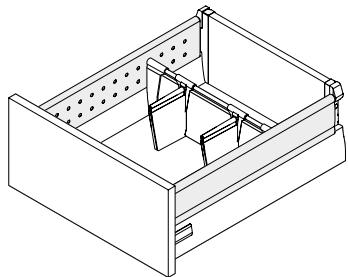
DWD XP TOP – the crystal clear solution for timeless attractive drawers.

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

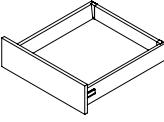
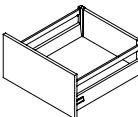
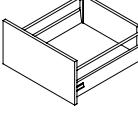
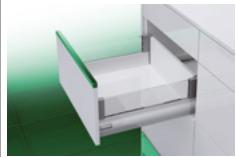
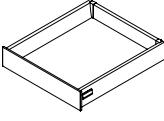
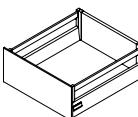
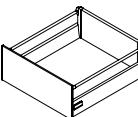
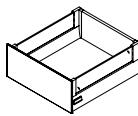
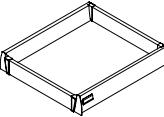
Elegantly designed double-wall metal drawer sides
for the discerning user.

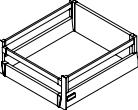
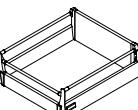
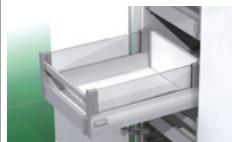
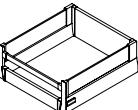
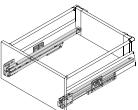
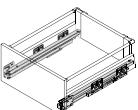
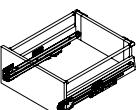
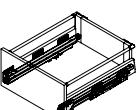
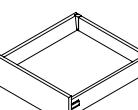
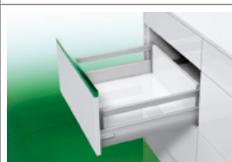
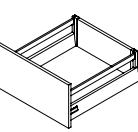
Product designation	Page
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Pot drawer H95 with with TOP add-on	32
F8 inset drawer H95	34
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Inset drawer H95 with rectangular railing and TOP add-on	48
DWD XP full extension slide 40 kg Soft-close	50
DWD XP full extension slide 60 kg Soft-close	52
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DWD XP DRAWER SYSTEM

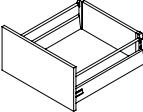
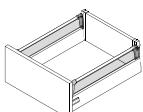
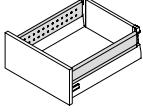
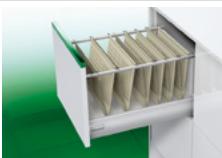
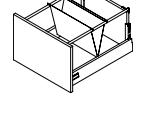
This tried-and-tested drawer system offers outstanding quality, maximum design freedom and innovative functional solutions.

	Product description		Page
	Drawer H95 <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
	Pot drawer H95 with rectangular railing <ul style="list-style-type: none"> Tilt angle adjustment using railing holder Integrated side and height adjustment including locking screw Strong front holder 		18
	Pot drawer H95 with round railing <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 		22
	Pot drawer H95 with TOP add-on <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 		32
	F8 inset drawer H95 <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
	F8 inset drawer H95 with rectangular railing <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
	F8 inset drawer H95 with round railing <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 		38
	F8 inset drawer H95 with TOP add-on <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 		40
	Inset drawer H95 <ul style="list-style-type: none"> Colour-coordinated aluminium front panel profile for cutting to length Easy to fit 		42

	Product description		Page
	Inset drawer H95 with rectangular railing <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		44
	Inset drawer H95 with round railing <ul style="list-style-type: none"> • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		46
	Inset drawer H95 with rectangular railing and TOP add-on <ul style="list-style-type: none"> • Elegant add-on system • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit 		48
	DWD XP full extension slide 40 kg Soft-close <ul style="list-style-type: none"> • Fully synchronised slide technology without mid-way knock • Integrated Soft-close technology • Excellent running characteristics • Maximum lateral stability 		50
	DWD XP full extension slide 60 kg Soft-close <ul style="list-style-type: none"> • Fully synchronised slide technology without mid-way knock • Integrated Soft-close technology • Excellent running characteristics • Maximum lateral stability 		52
	DWD XP full extension slide 40 kg Tipmatic <ul style="list-style-type: none"> • Mechanical opening system for handle-free fronts • Tipmatic ejector unit integrated into the slide • Excellent running characteristics • Fully synchronised slide technology 		54
	DWD XP full extension slide 60 kg Tipmatic <ul style="list-style-type: none"> • Mechanical opening system for handle-free fronts • Tipmatic ejector unit integrated into the slide • Excellent running characteristics • Fully synchronised slide technology 		56
	Drawer H95 – flat pack <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 		58
	Pot drawer H95 with rectangular railing – flat pack <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 		60

DWD XP DRAWER SYSTEM

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

	Product description		Page
	Pot drawer H95 with round railing – flat pack <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 		62
	Variowing <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 		64
	Duowing <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 		66
	Suspension file drawer with oval railing <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 		68
	DWD XP accessories <ul style="list-style-type: none"> Front-bottom connector DWD XP spacer DWD XP child lock DWD XP locking pin Screws 		70
	Application example, crockery pull-out cabinet		72
	Application example, pull-out larder		73
	Application example, oven base drawer		74
	Spacer plate for oven base drawer <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 		75

DWD XP

Drawer H95



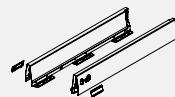
- The practical standard drawer for all applications
- Integrated side and height adjustment including locking screw
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
275	F090075281	211	F090075282	211	F090136211	211	
300	F090077343	211	F090077344	211	F090136214	211	
350	F090075285	211	F090075286	211	F090136217	211	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	
600	F090075305	211	F090077345	211	F090136232	211	
650	F090075308	211	F090077346	211	F090136235	211	

2 Clip H86 for wooden back panel Set: One left, one right



	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
	F092082925	523	233	F092082928	523	233	F092136282	523	233						

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



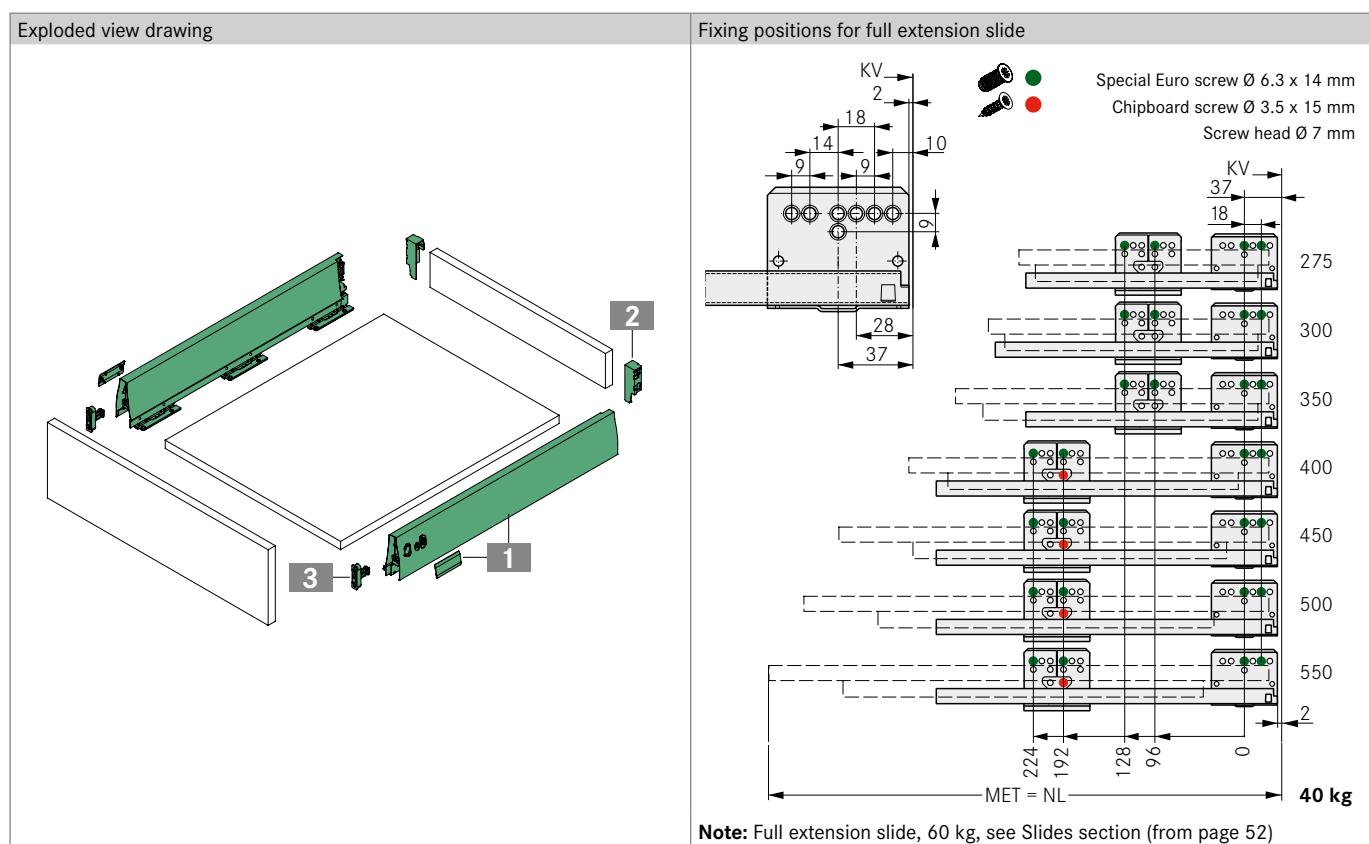
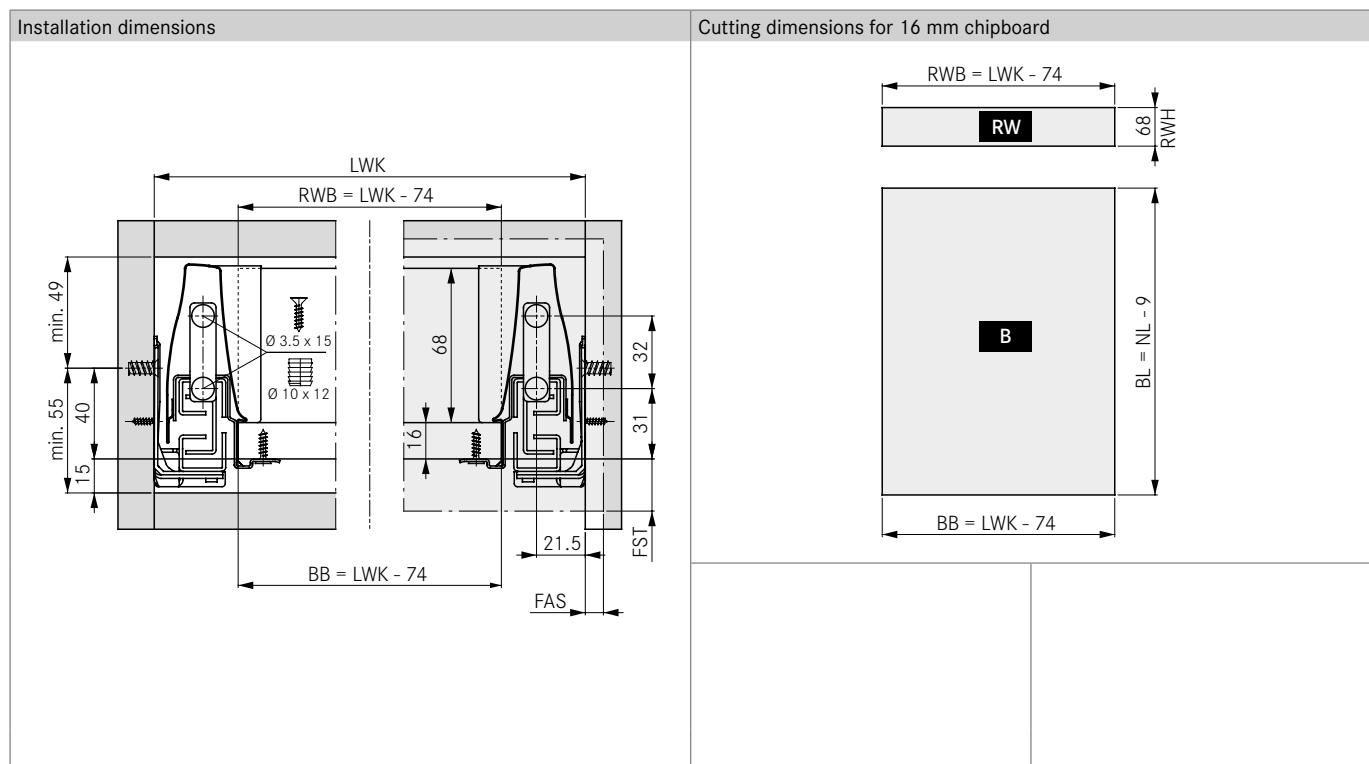
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116

PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
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Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres

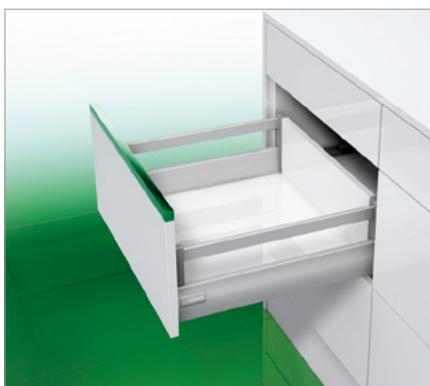


LEGEND

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



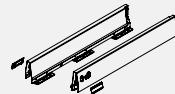
- Integrated side and height adjustment including locking screw
- Tilt angle adjustment using railing holder
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):

116 = 40 units in PE
 211 = 20 units in a cardboard box
 223 = 100 units in a cardboard box
 233 = 200 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

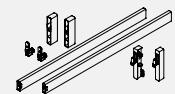
1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	

2 Rectangular screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
400	F092077409	507	F092072183	507	F092136335	507	
450	F092077410	507	F092072184	507	F092136336	507	
500	F092077411	507	F092072185	507	F092136337	507	
550	F092077412	507	F092072186	507	F092136338	507	

3 Clip H182 for wooden back panel

Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082943	223 523	F092082946	223 523	F092136285	523 233	

4 Front holder

Single item: Can be used on left/right



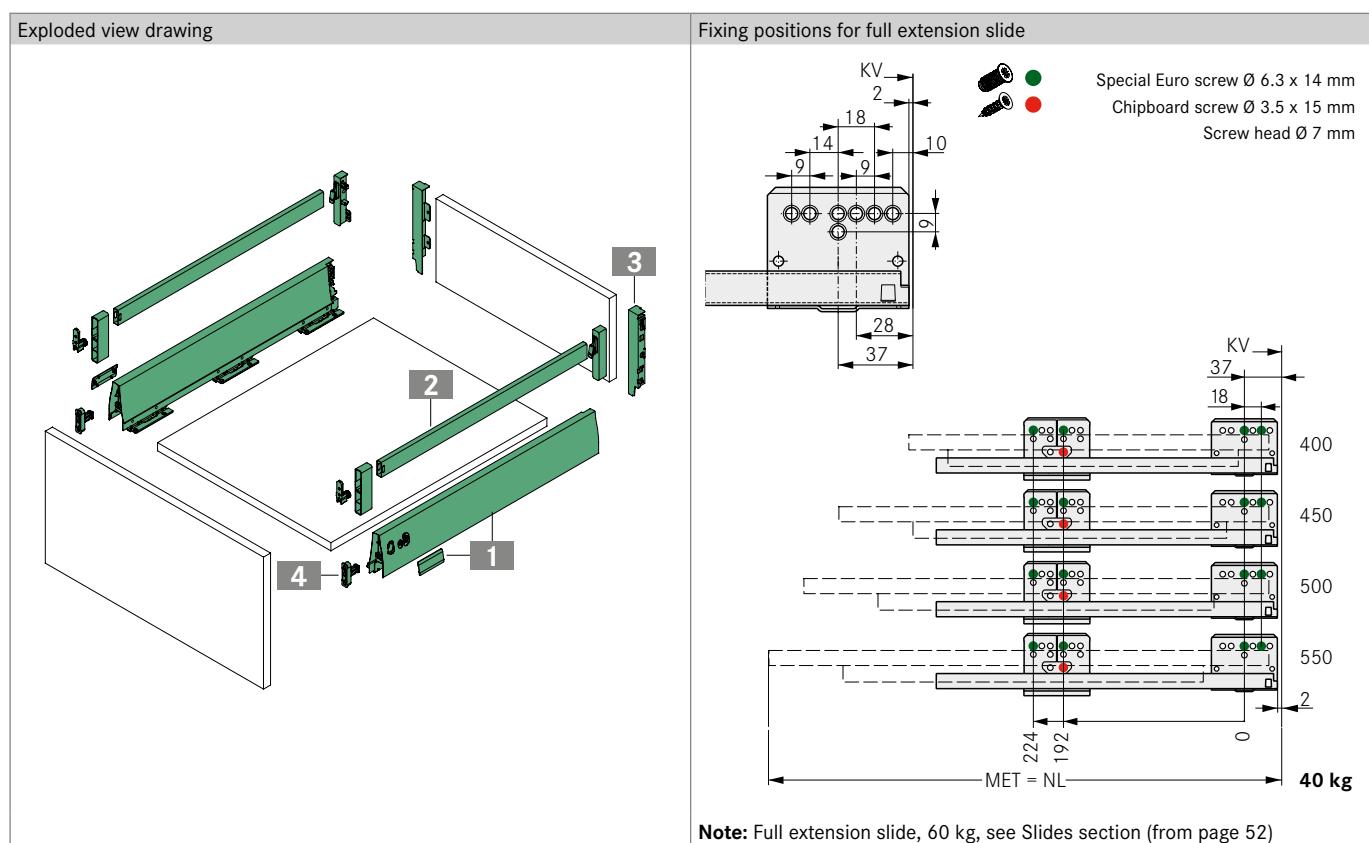
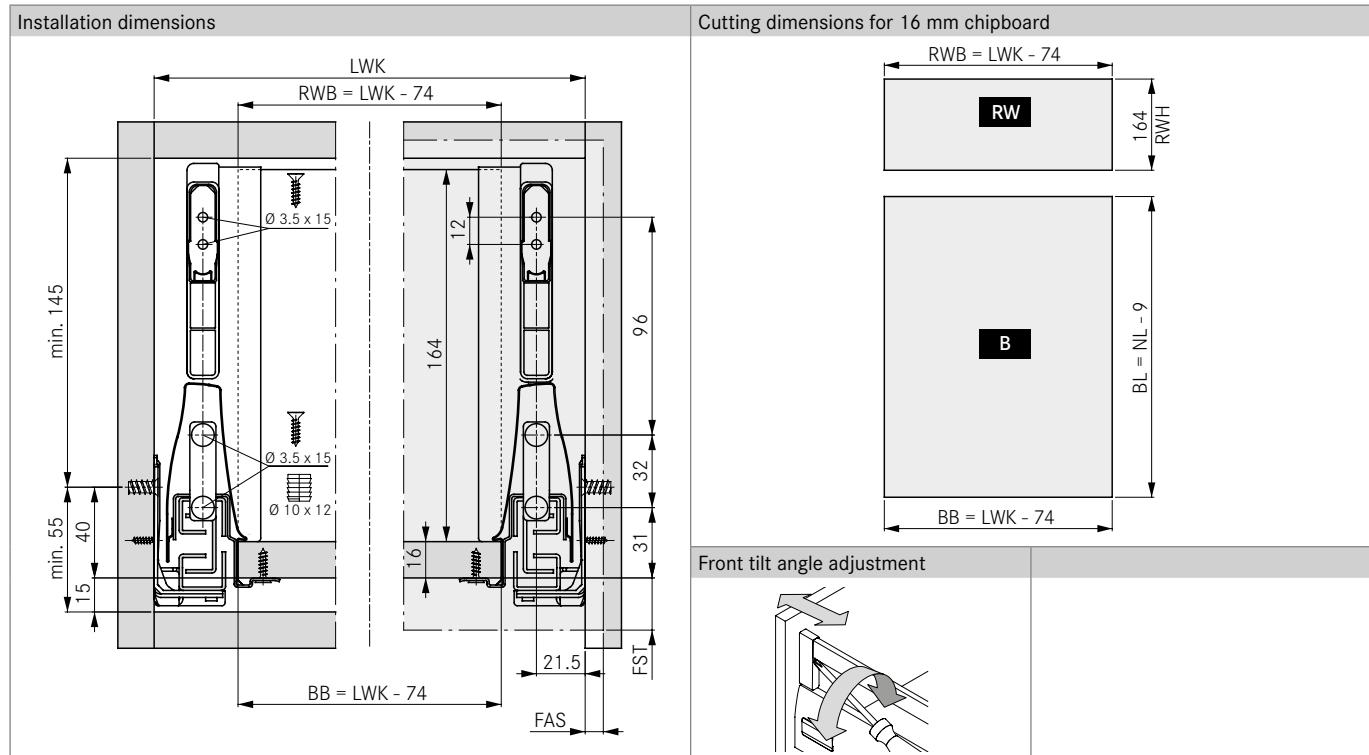
Description	Art.-no.	PU
Expansion dowel	F092083119	239
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For screw fixing	F092083116	116 239

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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

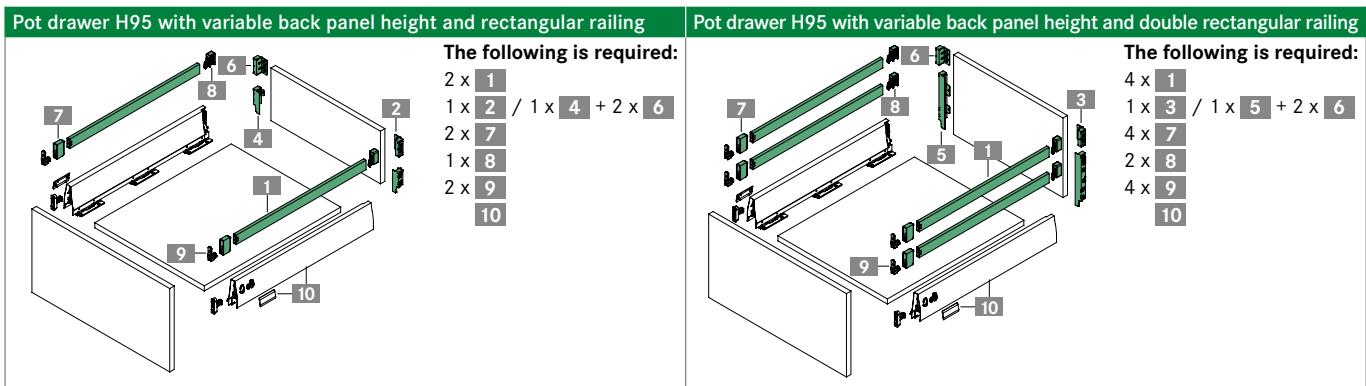
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
RWH	Height of back panel

DWD XP

Pot drawer H95 with variable back panel height and rectangular railing



ORDER INFORMATION

1 Rectangular screw-on railing

Single item: Can be used on left/right



NL	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
275	F092116280	223			F092116534	223		
300	F092072234	223			F092117186	223		
350	F092116281	223			F092117187	223		
400	F092116282	223			F092117188	223		
450	F092116283	223			F092117189	223		
500	F092116284	223			F092117190	223		
550	F092072235	223			F092117191	223		
600	F092116535	223			F092117192	223		
650	F092116537	223			F092116536	223		
							F092136439	223

2 Clip for variable wooden back panel

Set: Back panel clip H86 (open) and railing adapter (variable) one left, one right



	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092082988	523			F092082989	523		
					F092136288	523		

3 Clip for variable wooden back panel

Set: Back panel clip H182 (open) and railing adapter (variable) one left, one right



	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092082992	523			F092082993	523		
					F092136289	523		

4 Back panel clip H86 (open) for variable wooden back panel

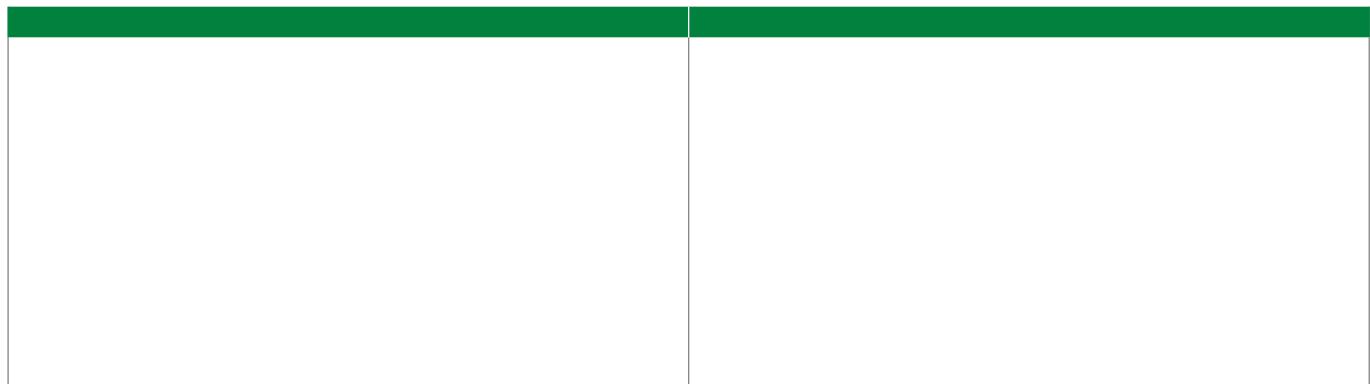
Set: One left, one right



	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092082999	223			F092082972	223		
					F092136290	233		

PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
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Accessories	70	Sensomatic	81	Assembly aids	128



5 Back panel clip H182 (open) for variable wooden back panel
Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082978	223	F092115414	223	F092136293	233	

6 Railing adapter (variable)
Single item: Can be used on left/right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082997	239	F092076725	239	F092136426	239	

7 Railing cover cap (front)
Single item: Can be used on left/right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F145038516	123	F145055341	123	F092136422	223	

8 Railing clip (back)
Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092100599	233	F092116878	233	F092136423	233	

9 Railing clip (front) with tilt angle adjustment, screw-on
Single item: Can be used on left/right



Description	Art.-no.	PU
For screw fixing	F092082551	223 239

10 DWD XP drawer sides H95 and front holder see page 16



LEGEND

NL Nominal length

DWD XP

Pot drawer H95 with round railing



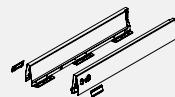
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels
- Variowing or Duowing can be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

Packaging unit (PU):

116 = 40 units in PE
 211 = 20 units in a cardboard box
 223 = 100 units in a cardboard box
 233 = 200 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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F090075285	211	F090075286	211	F090136217	211	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	
600	F090075305	211	F090077345	211	F090136232	211	
650	F090075308	211	F090077346	211	F090136235	211	

2 Round screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F092075875	513 223	F092075876	513 223	F092136298	513	
400	F092075878	513 223	F092075879	513 223	F092136299	513	
450	F092075881	513 223	F092075882	513 223	F092136300	513	
500	F092075884	513 223	F092075885	513 223	F092136301	513	
550	F092075887	513	F092075888	513	F092136302	513	
600	F092075890	513	F092071890	513	F092136303	513	
650	F092075892	513	F092077401	513	F092136304	513	

3 Clip H182 for wooden back panel

Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082943	223 523	F092082946	223 523	F092136285	523 233	

4 Front holder

Single item: Can be used on left/right



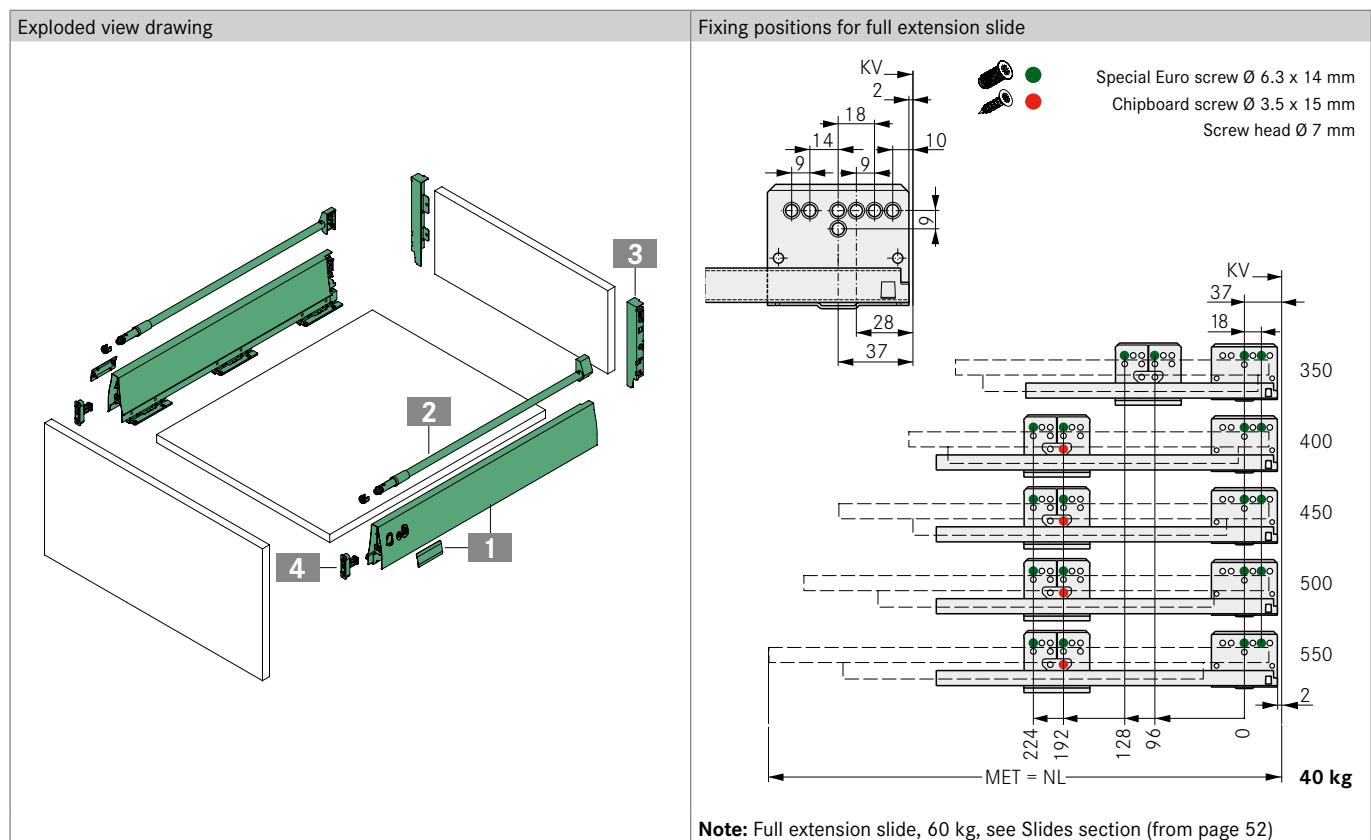
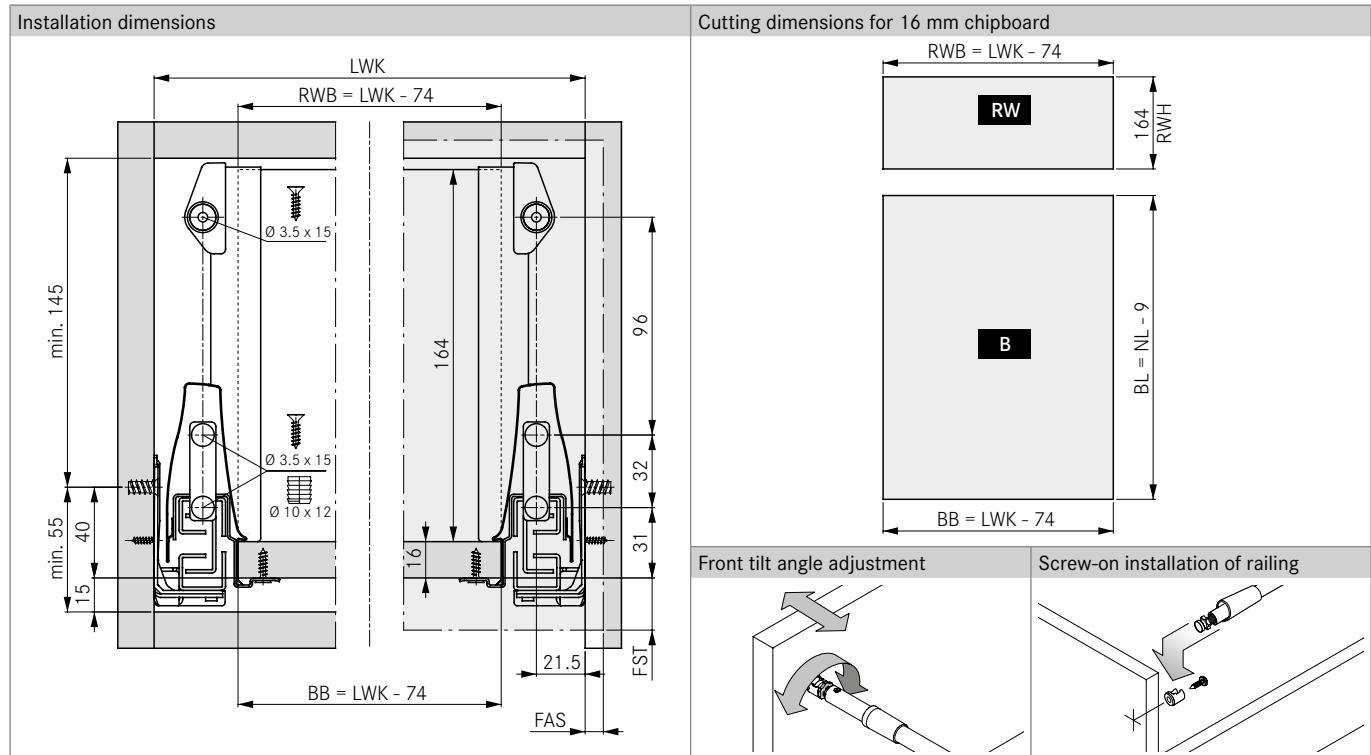
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116 239

PAGE REFERENCES

Slides	50	Accessories	70	Sensomatic	81
Flat packs	58	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

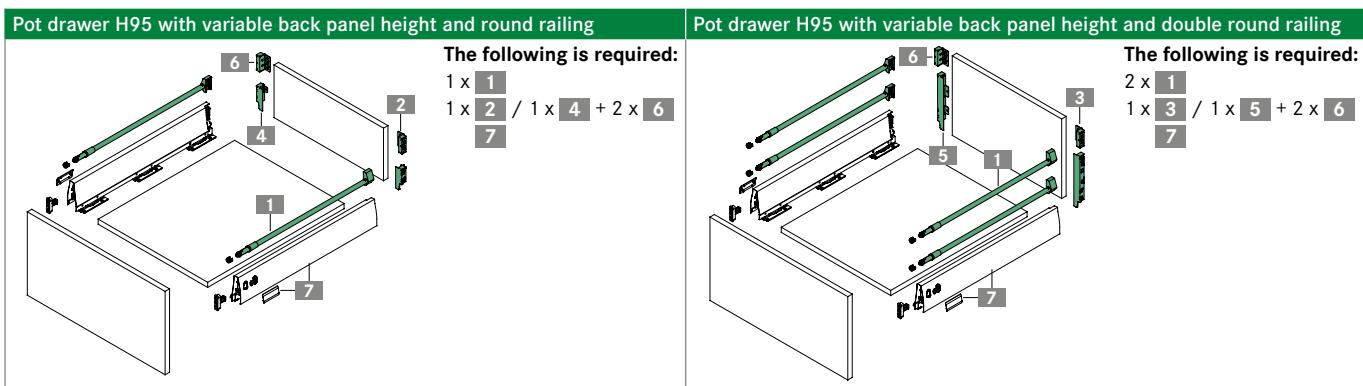
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
RWH	Height of back panel

DWD XP

Pot drawer H95 with variable back panel height and round railing



ORDER INFORMATION

1 Round screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic			White			Stone					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
350	F092075875	513 223		F092075876	513 223		F092136298	513				
400	F092075878	513 223		F092075879	513 223		F092136299	513				
450	F092075881	513 223		F092075882	513 223		F092136300	513				
500	F092075884	513 223		F092075885	513 223		F092136301	513				
550	F092075887	513		F092075888	513		F092136302	513				
600	F092075890	513		F092071890	513		F092136303	513				
650	F092075892	513		F092077401	513		F092136304	513				

2 Clip for variable wooden back panel

Set: Back panel clip H86 (open) and railing adapter (variable) one left, one right



	Aluminium metallic			White			Stone					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092082988	523		F092082989	523		F092136288	523				

3 Clip for variable wooden back panel

Set: Back panel clip H182 (open) and railing adapter (variable) one left, one right



	Aluminium metallic			White			Stone					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092082992	523		F092082993	523		F092136289	523				

4 Back panel clip H86 (open) for variable wooden back panel

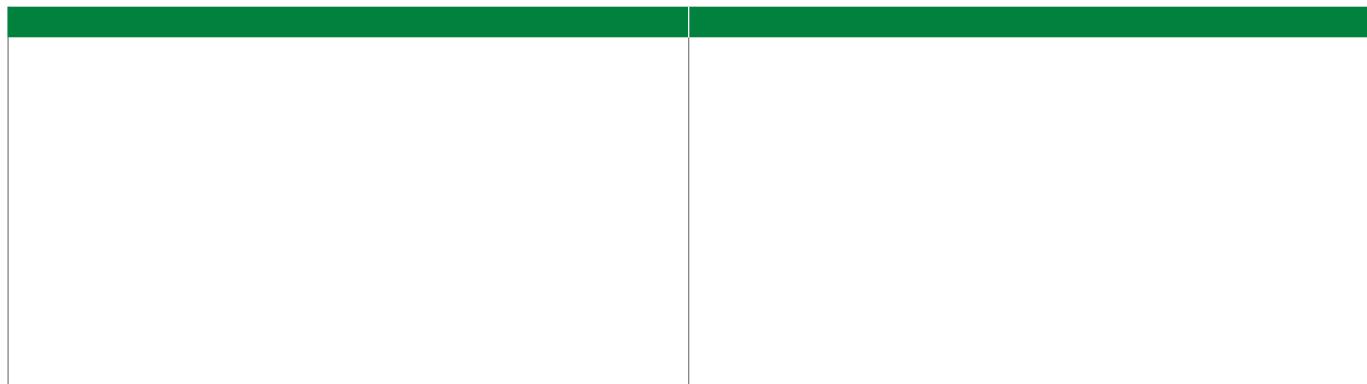
Set: One left, one right



	Aluminium metallic			White			Stone					
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092082969	223		F092082972	223		F092136290	233				

PAGE REFERENCES

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Add-on systems	64	Technical information	76	Assembly technology	124



5 Back panel clip H182 (open) for variable wooden back panel
Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082978	223	F092115414	223	F092136293	233	

6 Railing adapter (variable)
Single item: Can be used on left/right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082997	239	F092076725	239	F092136426	239	

7 DWD XP drawer sides H95 and front holder see page 16



LEGEND

NL Nominal length

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

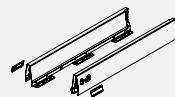
Packaging unit (PU):

116 = 40 units in PE
211 = 20 units in a cardboard box
223 = 100 units in a cardboard box
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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F090075285	211	F090075286	211	F090136217	211	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	
600	F090075305	211	F090077345	211	F090136232	211	
650	F090075308	211	F090077346	211	F090136235	211	

2 Round railing for quick mounting

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F092075962	223	F092072114	223	F092136311	223	
400	F092075974	223	F092075977	223	F092136314	223	
450	F092075989	223	F092075992	223	F092136317	223	
500	F092082405	223	F092082408	223	F092136320	223	
550	F092082420	223	F092082423	223	F092136323	223	
600	F092082429	223	F092076741	223	F092136326	223	
650	F092082435	223	F092135436	223	F092136329	223	

3 Clip H182 for wooden back panel

Set: One left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082943	223 523	F092082946	223 523	F092136285	523 233	

4 Front holder

Single item: Can be used on left/right



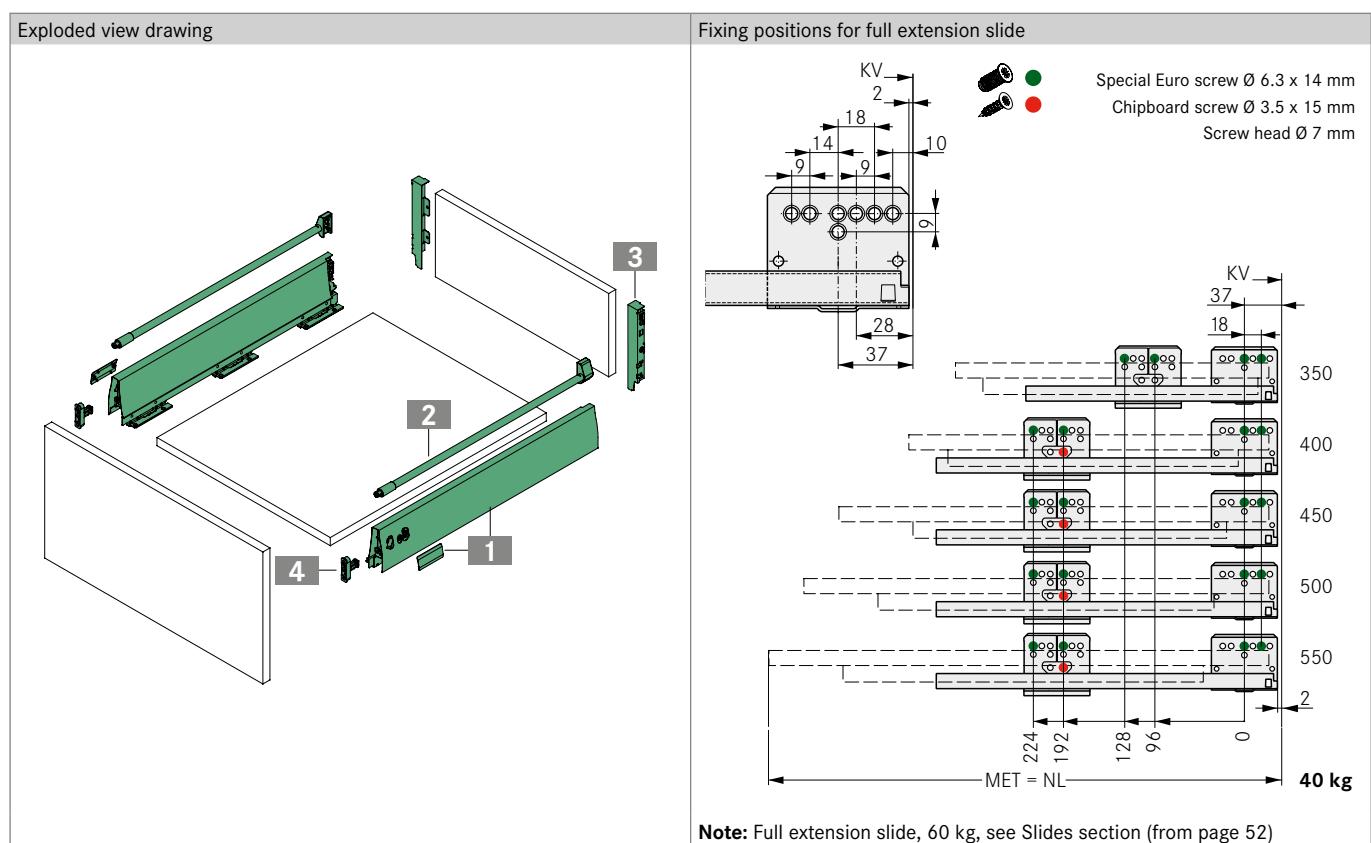
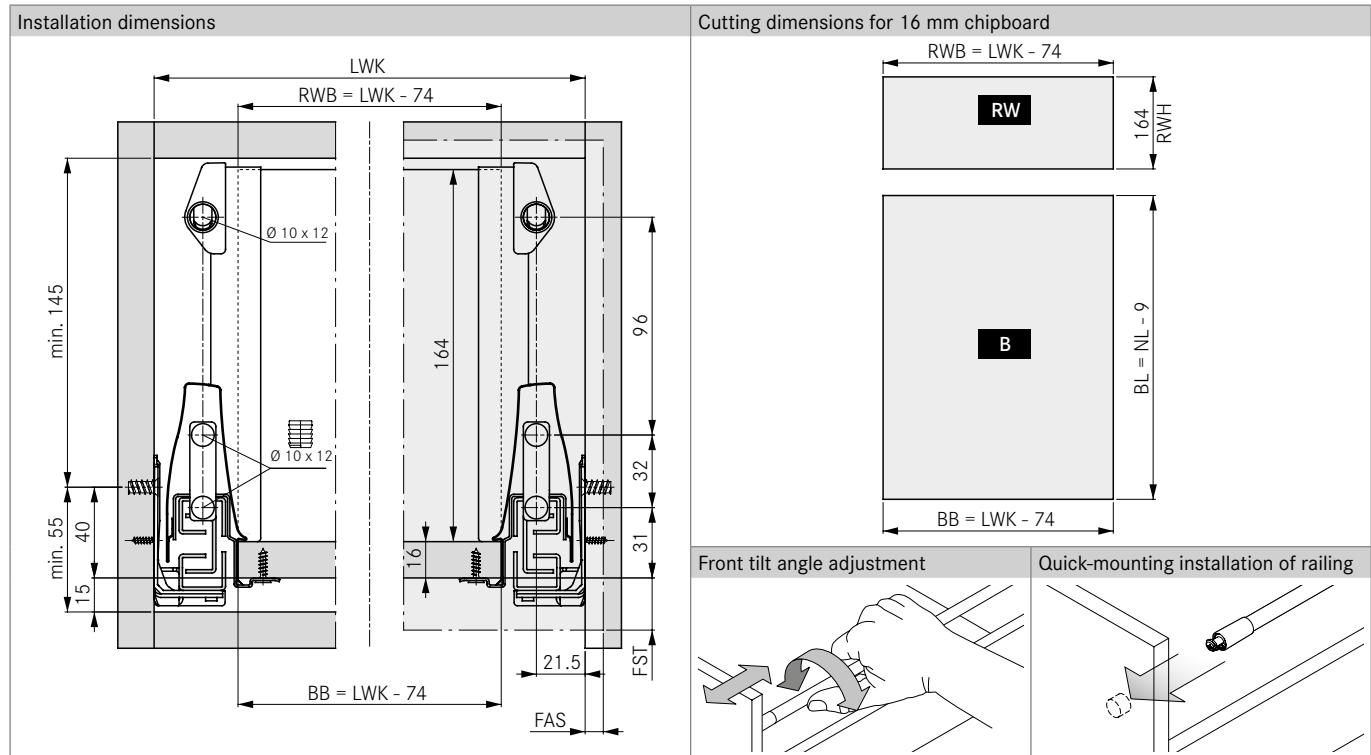
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116 239

PAGE REFERENCES

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Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
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

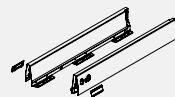
Packaging unit (PU):

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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F090075285	211	F090075286	211	F090136217	211	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	
600	F090075305	211	F090077345	211	F090136232	211	
650	F090075308	211	F090077346	211	F090136235	211	

2 Round screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F092075875	513 223	F092075876	513 223	F092136298	513	
400	F092075878	513 223	F092075879	513 223	F092136299	513	
450	F092075881	513 223	F092075882	513 223	F092136300	513	
500	F092075884	513 223	F092075885	513 223	F092136301	513	
550	F092075887	513	F092075888	513	F092136302	513	
600	F092075890	513	F092071890	513	F092136303	513	
650	F092075892	513	F092077401	513	F092136304	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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082988	523	F092082989	523	F092136288	523	

4 Front holder

Single item: Can be used on left/right



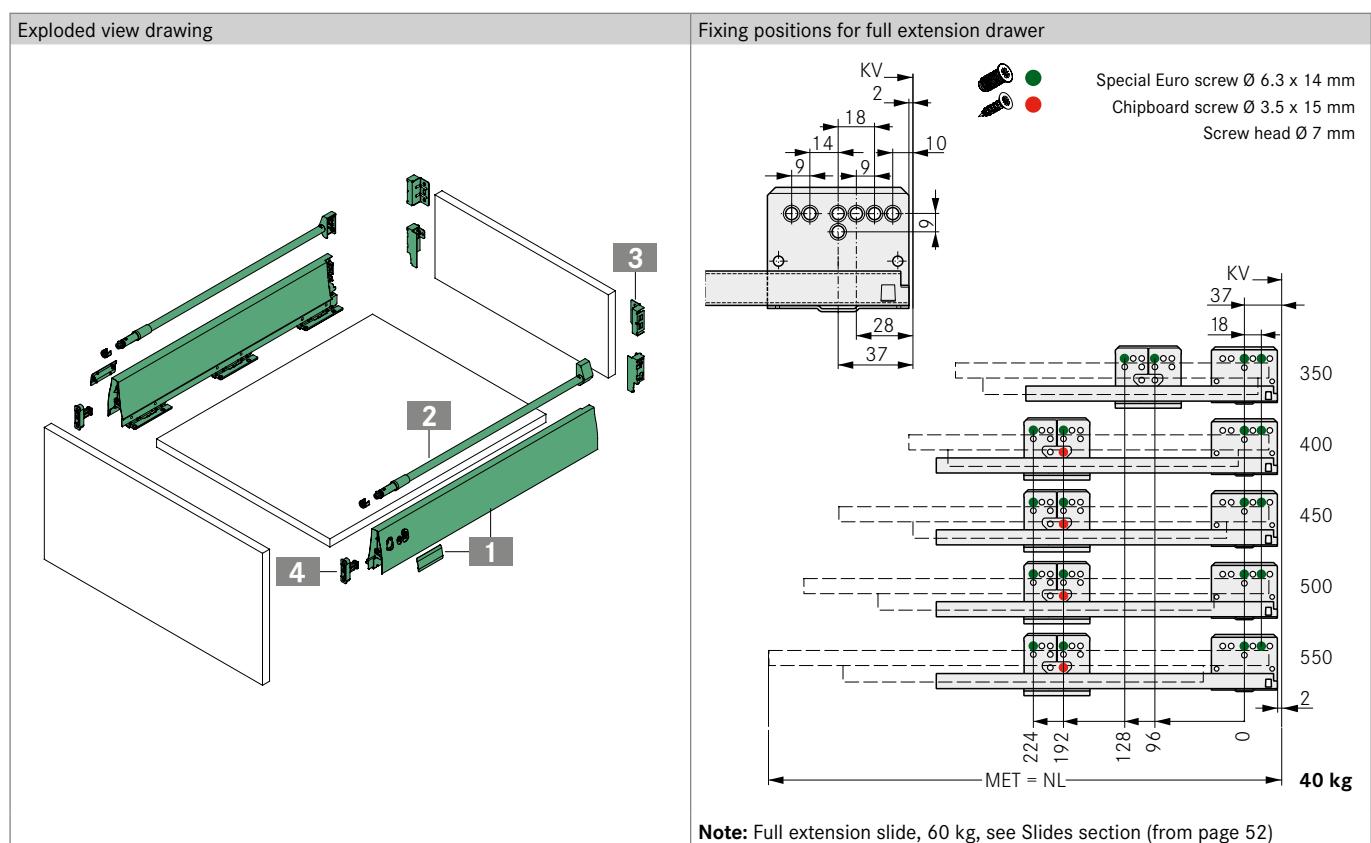
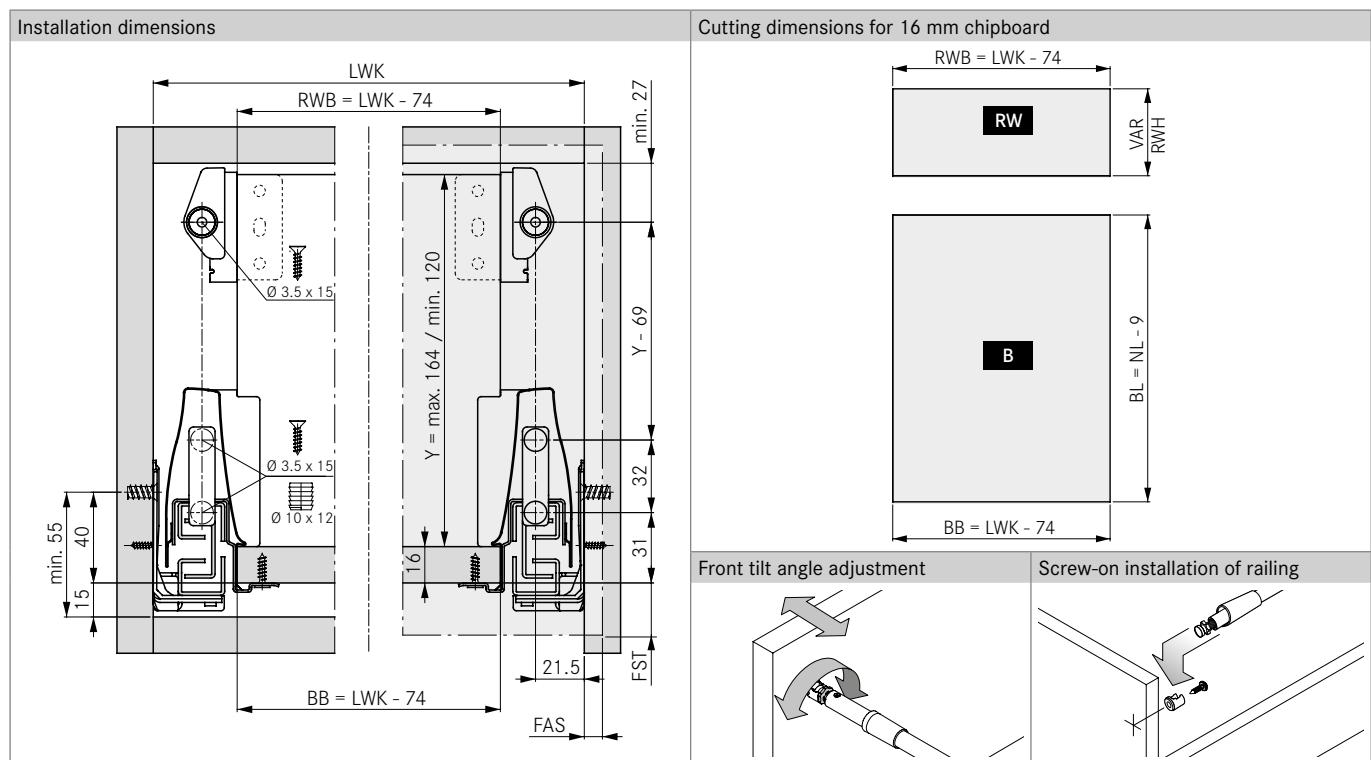
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116 239

PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
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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



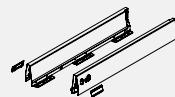
- Choice of back panel height
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

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

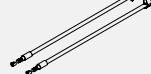
1 DWD XP drawer sides H95 incl. cover caps Set: One left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F090075285	211	F090075286	211	F090136217	211	
400	F090075289	211	F090075290	211	F090136220	211	
450	F090075293	211	F090075294	211	F090136223	211	
500	F090075297	211	F090075298	211	F090136226	211	
550	F090075301	211	F090075302	211	F090136229	211	
600	F090075305	211	F090077345	211	F090136232	211	
650	F090075308	211	F090077346	211	F090136235	211	

2 Round screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
350	F092075875	513 223	F092075876	513 223	F092136298	513	
400	F092075878	513 223	F092075879	513 223	F092136299	513	
450	F092075881	513 223	F092075882	513 223	F092136300	513	
500	F092075884	513 223	F092075885	513 223	F092136301	513	
550	F092075887	513	F092075888	513	F092136302	513	
600	F092075890	513	F092071890	513	F092136303	513	
650	F092075892	513	F092077401	513	F092136304	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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082992	523	F092082993	523	F092136289	523	

4 Front holder

Single item: Can be used on left/right



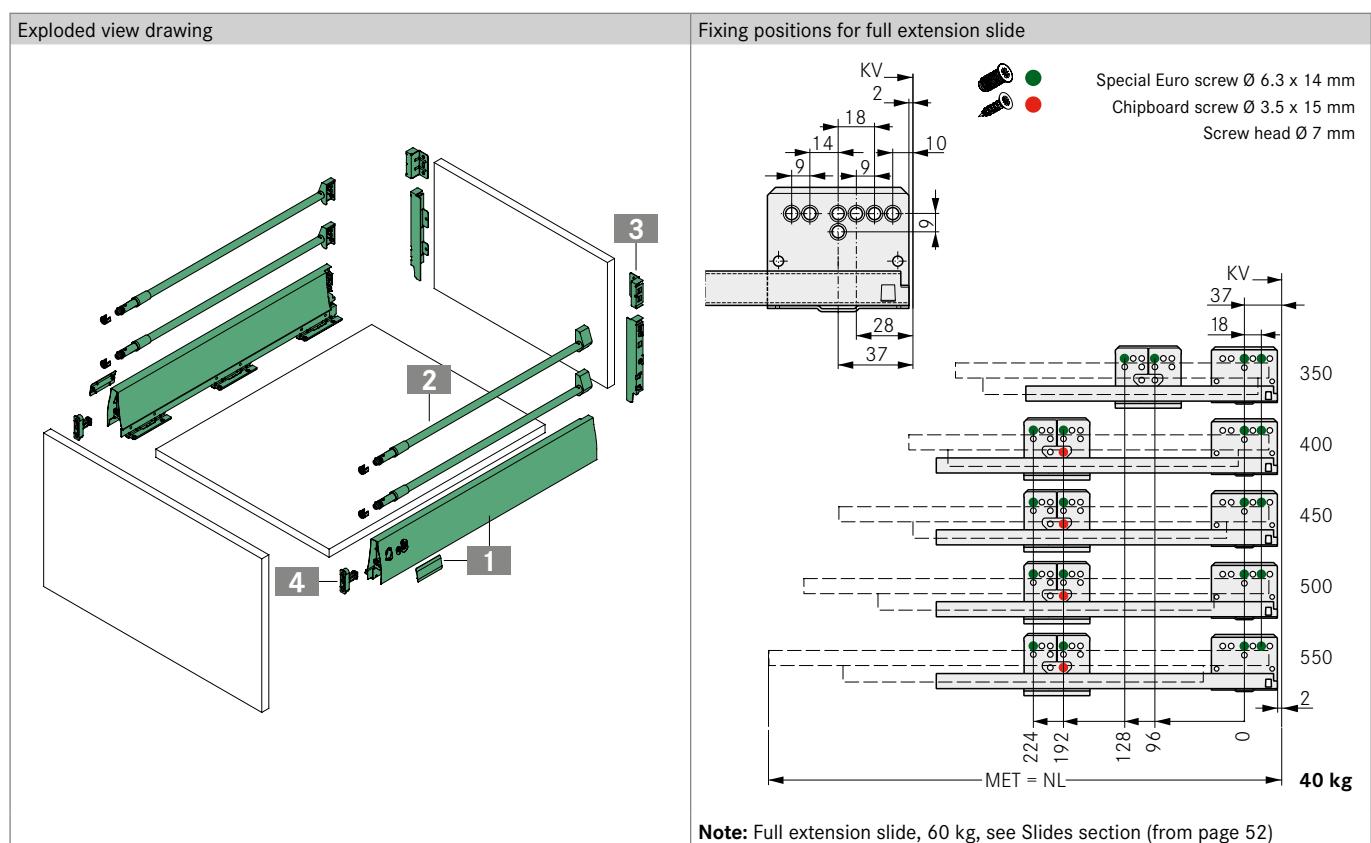
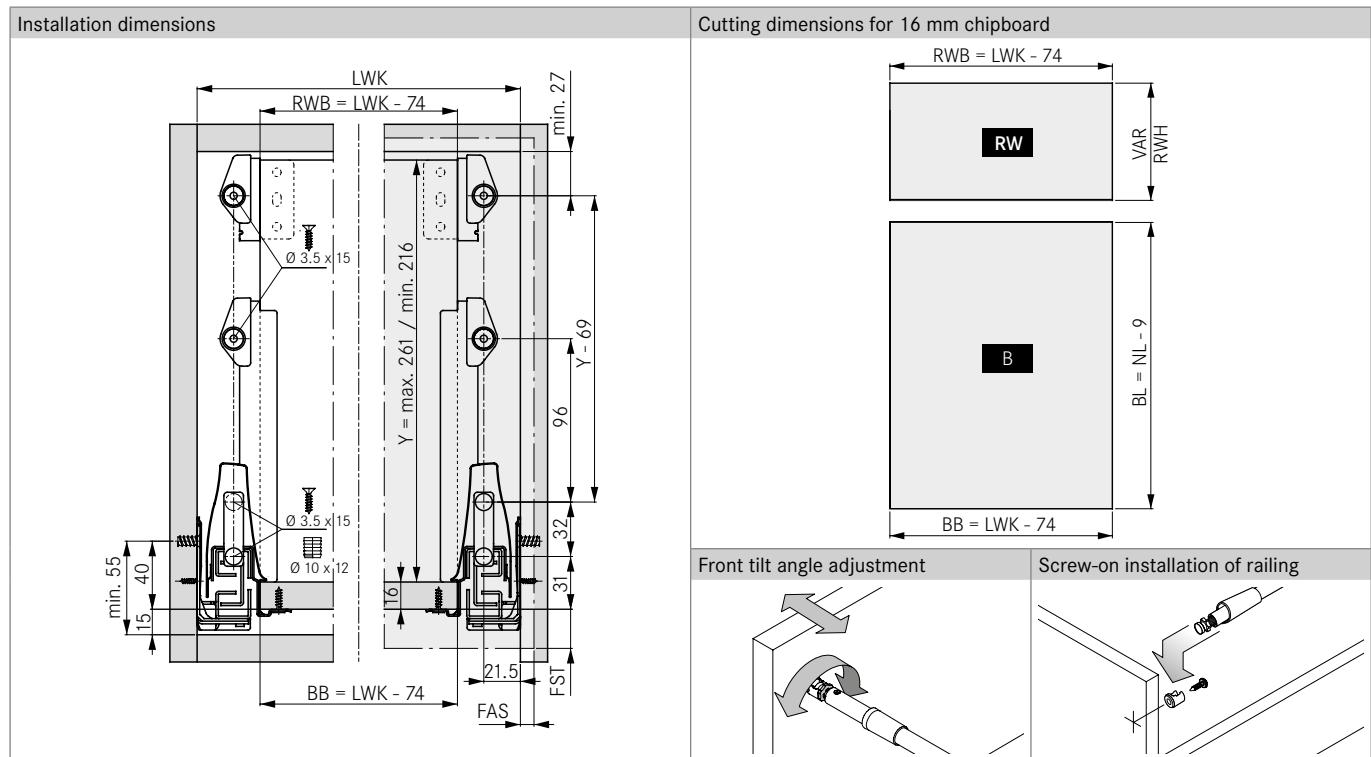
Description	Art.-no.	PU
Expansion dowel	F092083119	239
For press fitting	F092083117	116
For screw fixing	F092083116	116 239

PAGE REFERENCES

Slides	50	Technical information	76	Assembly technology	124
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Application examples	72	Organising systems	103	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
RWH	Height of back panel

DWD XP

Pot drawer H95 with TOP add-on



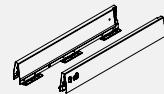
- Elegant add-on system
- Individual design by using different materials as inserts, such as glass or plastic
- Suitable for 8 mm slide-in elements
- Tilt angle adjustment integrated in drawer side
- Integrated side and eccentric height adjustment including locking screw
- Strong front holder
- Safety 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
- 233 = 200 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

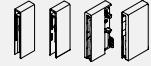
ORDER INFORMATION

1 DWD XP drawer sides H95 without cover caps, with integrated tilt angle adjustment Set: One left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
275	F090116723	211	F090116750	211	F090136238	211	
300	F090116726	211	F090116753	211	F090136241	211	
350	F090116729	211	F090116756	211	F090136244	211	
400	F090116732	211	F090116759	211	F090136247	211	
450	F090116735	211	F090116762	211	F090136250	211	
500	F090116738	211	F090116765	211	F090136253	211	
550	F090116741	211	F090116768	211	F090136256	211	
600	F090116744	211	F090116771	211	F090136259	211	
650	F090116747	211	F090116774	211	F090136262	211	

2 TOP add-on Set: Glass clip (front/back), one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092116696	223		F092116698	223		F092136357 513

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



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082943	223 523		F092082946	223 523		F092136285 523 233

4 Drawer side cover cap Single item



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092083122	116 239		F092083120	116 239		F092136265 116

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



6 Add-on clip (front) Single item: Can be used on left/right

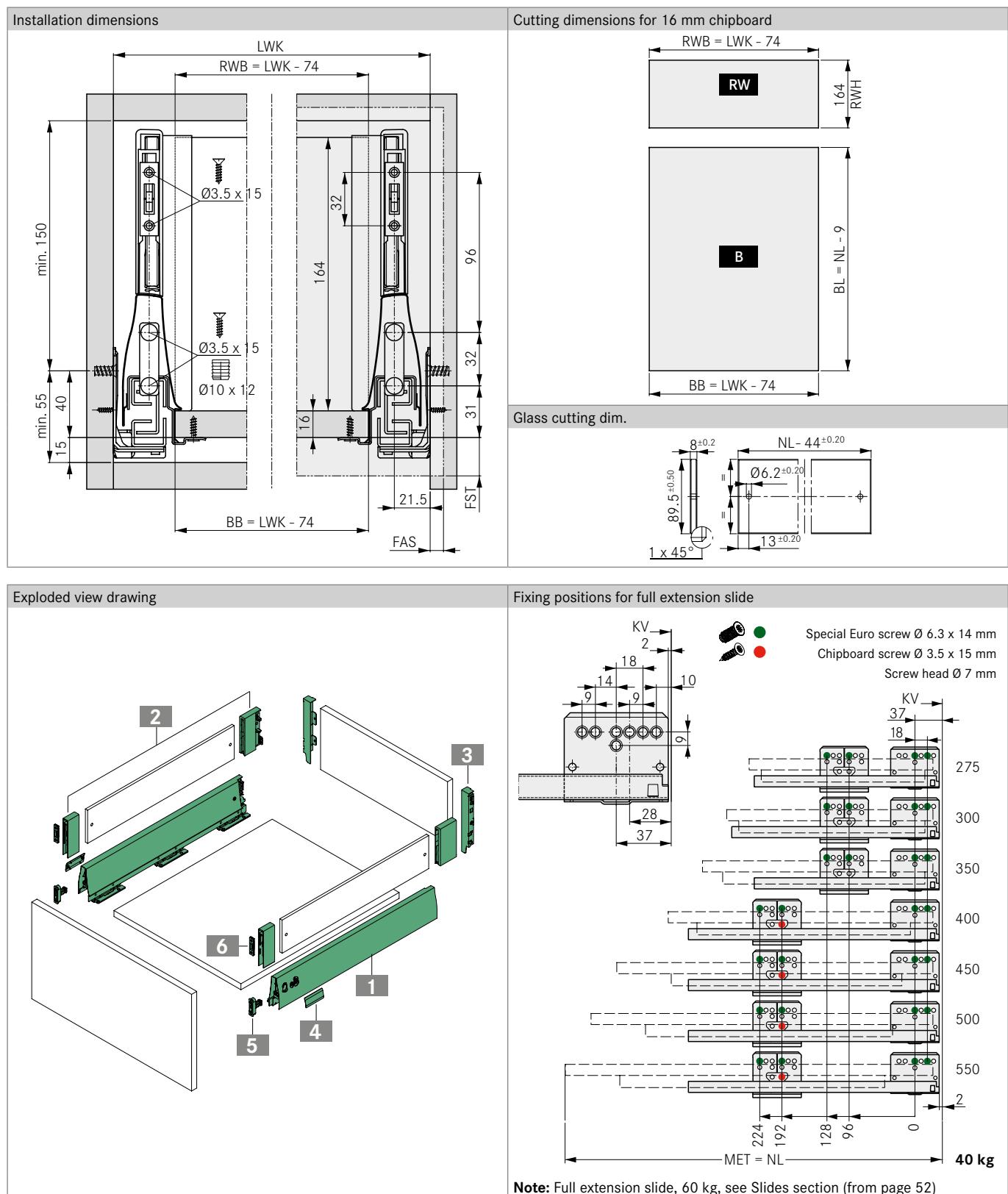


Description	Art.-no.	PU	Description	Art.-no.	PU
Expansion dowel	F092083119		For press fitting	F092072256	
For press fitting	F092083117	116	For screw fixing	F092072255	223 239
For screw fixing	F092083116	116 239			

Slides	50	Application examples	72	Sensomatic	81
Accessories	70	Technical information	76	Organising systems	103

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
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		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
1160	F092101372	211 511*	F102101369	211 511*	F102101371	211 511*		

* incl. cardboard drilling template



2 Cover cap for F8 inset panel Single item: Can be used on left/right

	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F102109572	218			F102101382	218		



3 Front holder Single item: incl. screws, can be used on left/right



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



4 Front-bottom connector (optional) Single item

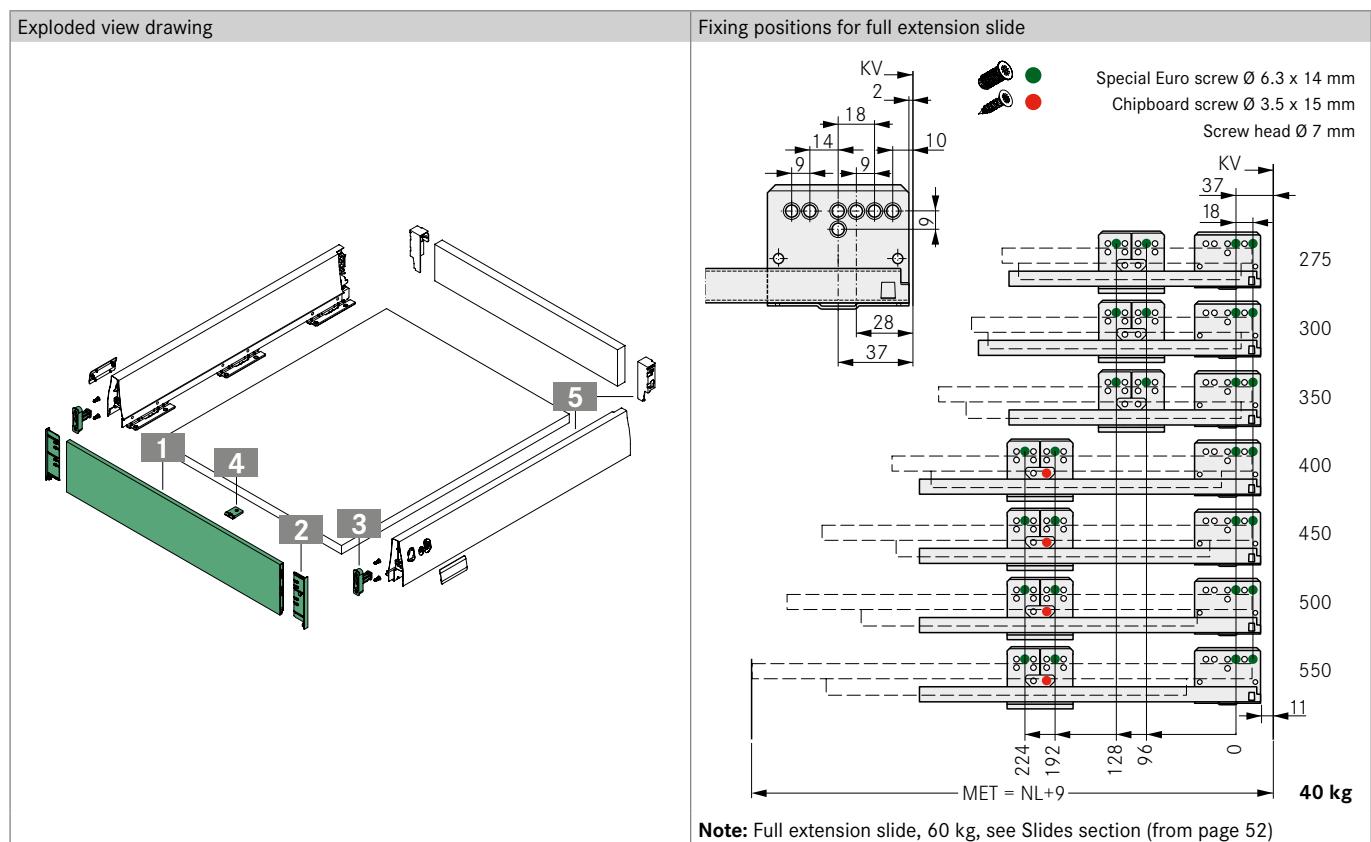
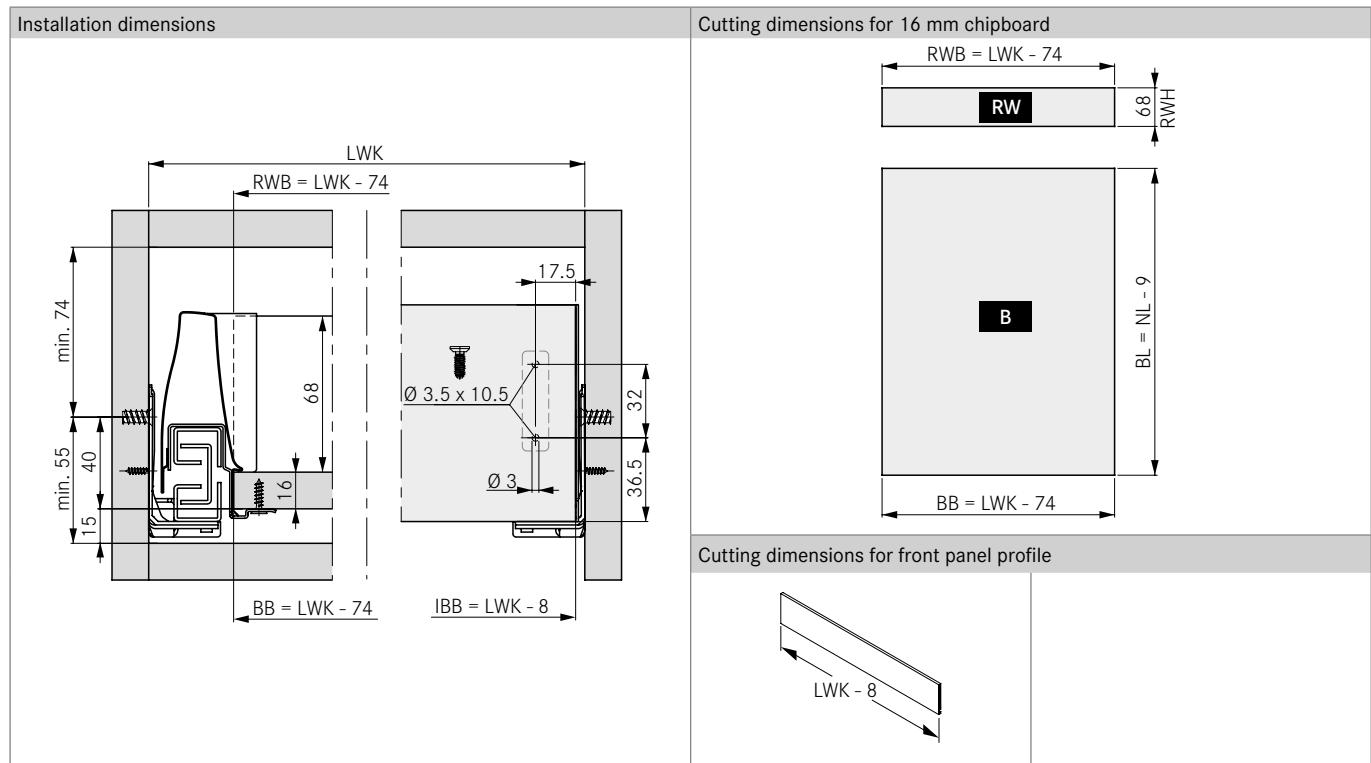


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres

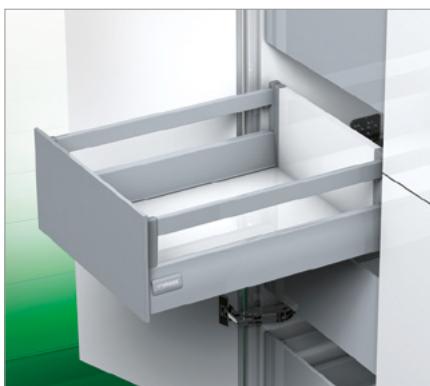


LEGEND

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		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
1160	F092101380	207 507*	F102101377	207 507*	F102101379	207 507*		

* incl. cardboard drilling template

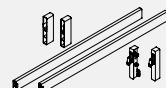
2 Cover cap for F8 inset panel

Single item: Can be used on left/right

	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F102109573	214	F102101449	214	F102101451	214		

3 Rectangular screw-on railing

Set: Railing, railing clip (back) and cover cap, one left, one right



NL	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
400	F092077409	507	F092072183	507	F092136335	507		
450	F092077410	507	F092072184	507	F092136336	507		
500	F092077411	507	F092072185	507	F092136337	507		
550	F092077412	507	F092072186	507	F092136338	507		

4 Front holder

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

5 Railing clip (front)

5 Railing clip (front)

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

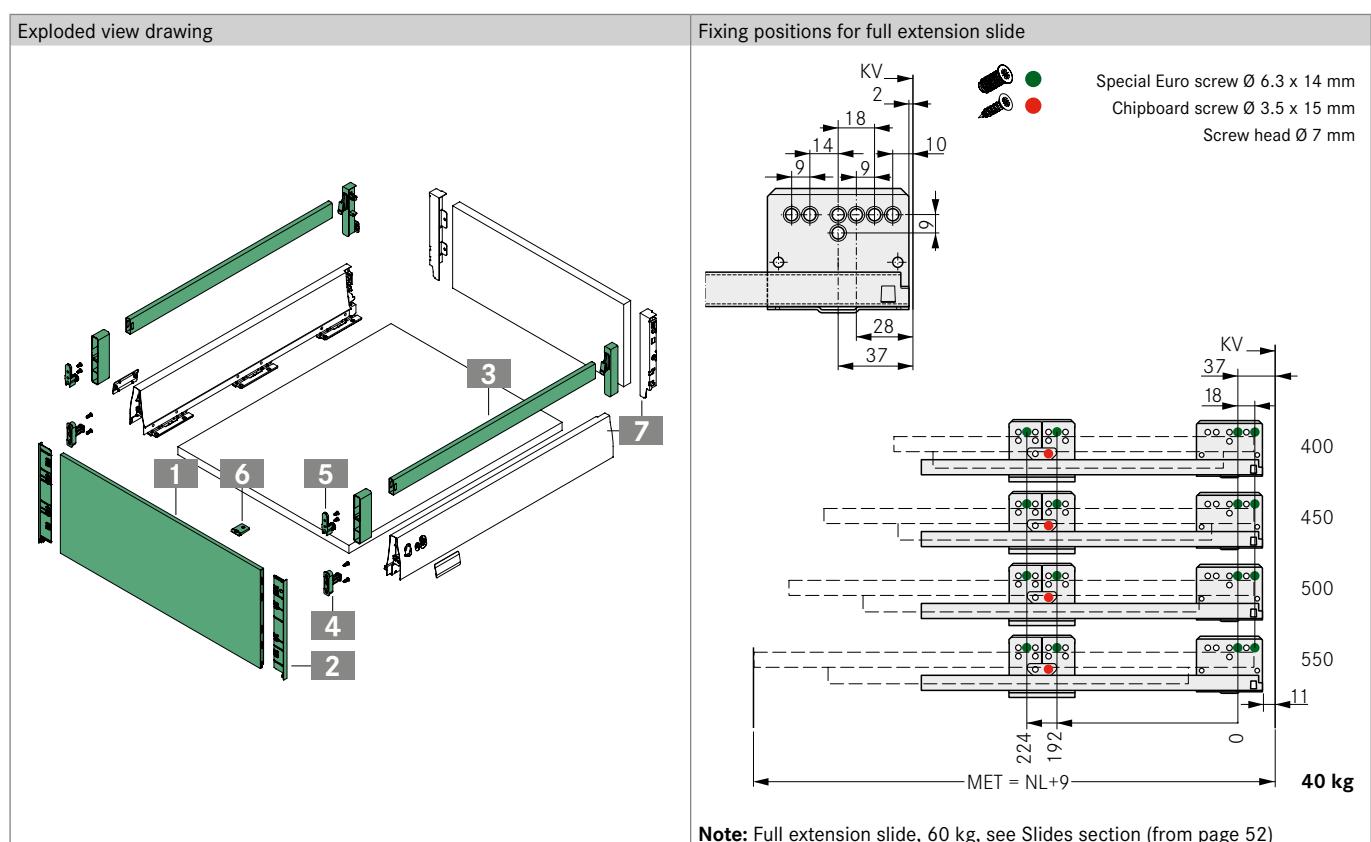
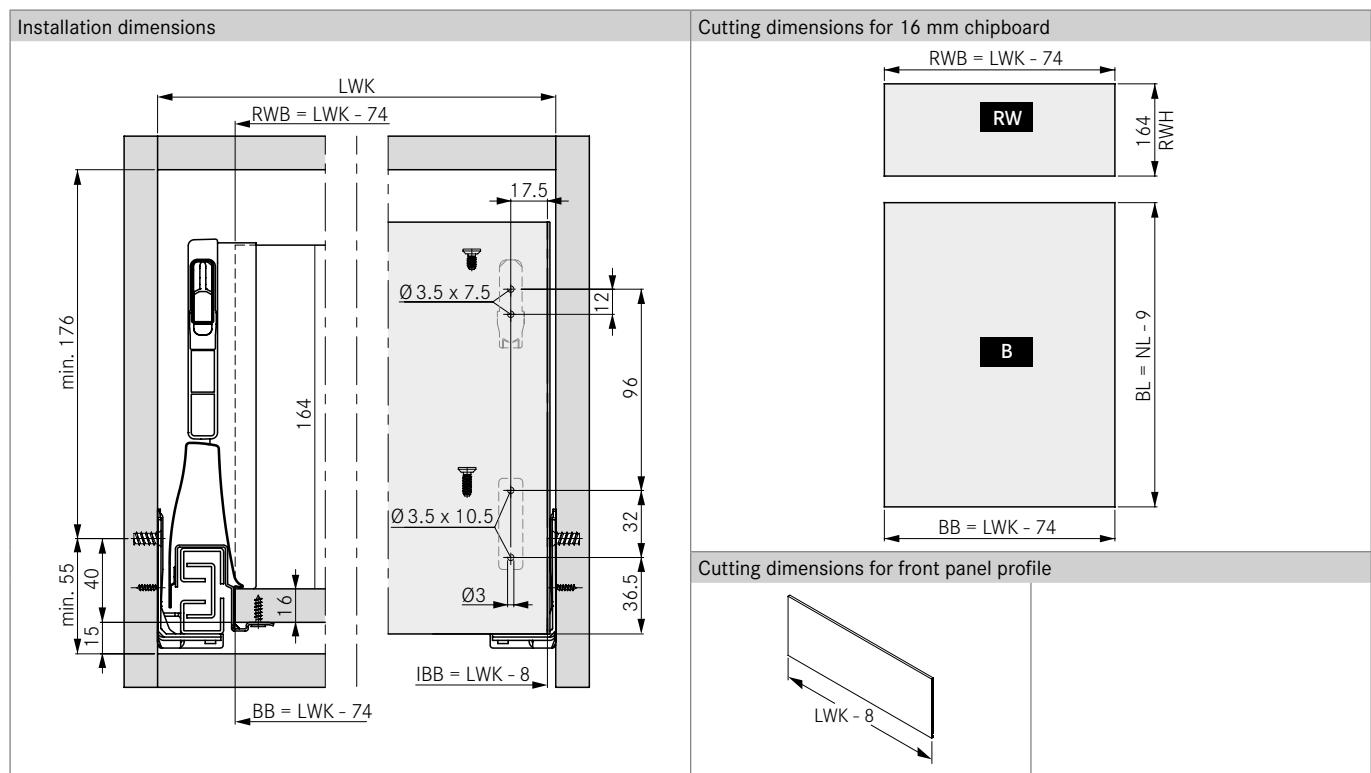


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
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INSTALLATION INFORMATION

All dimensions in millimetres

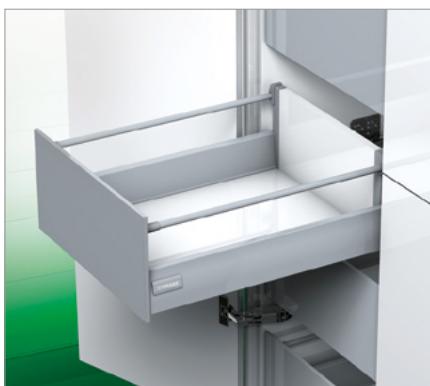


LEGEND

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		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
1160	F092101380	207 507*	F102101377	207 507*	F102101379	207 507*			

* incl. cardboard drilling template

2 Cover cap for F8 inset panel

Single item: Can be used on left/right

	Aluminium metallic		White		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
	F102109573	214			F102101449	214			

3 Round screw-on railing

Set: Railing, railing clip (front/back) and cover cap, one left, one right

NL	Aluminium metallic		White		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
400	F092075878	513 223	F092075879	513 223	F092136299	513			
450	F092075881	513 223	F092075882	513 223	F092136300	513			
500	F092075884	513 223	F092075885	513 223	F092136301	513			
550	F092075887	513	F092075888	513	F092136302	513			
600	F092075890	513	F092071890	513	F092136303	513			

4 Front holder

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	F092101590	223

6 Front-bottom connector (optional)

Single item

Description	Art.-no.	PU
Recommended from KB 600	F145117993	223

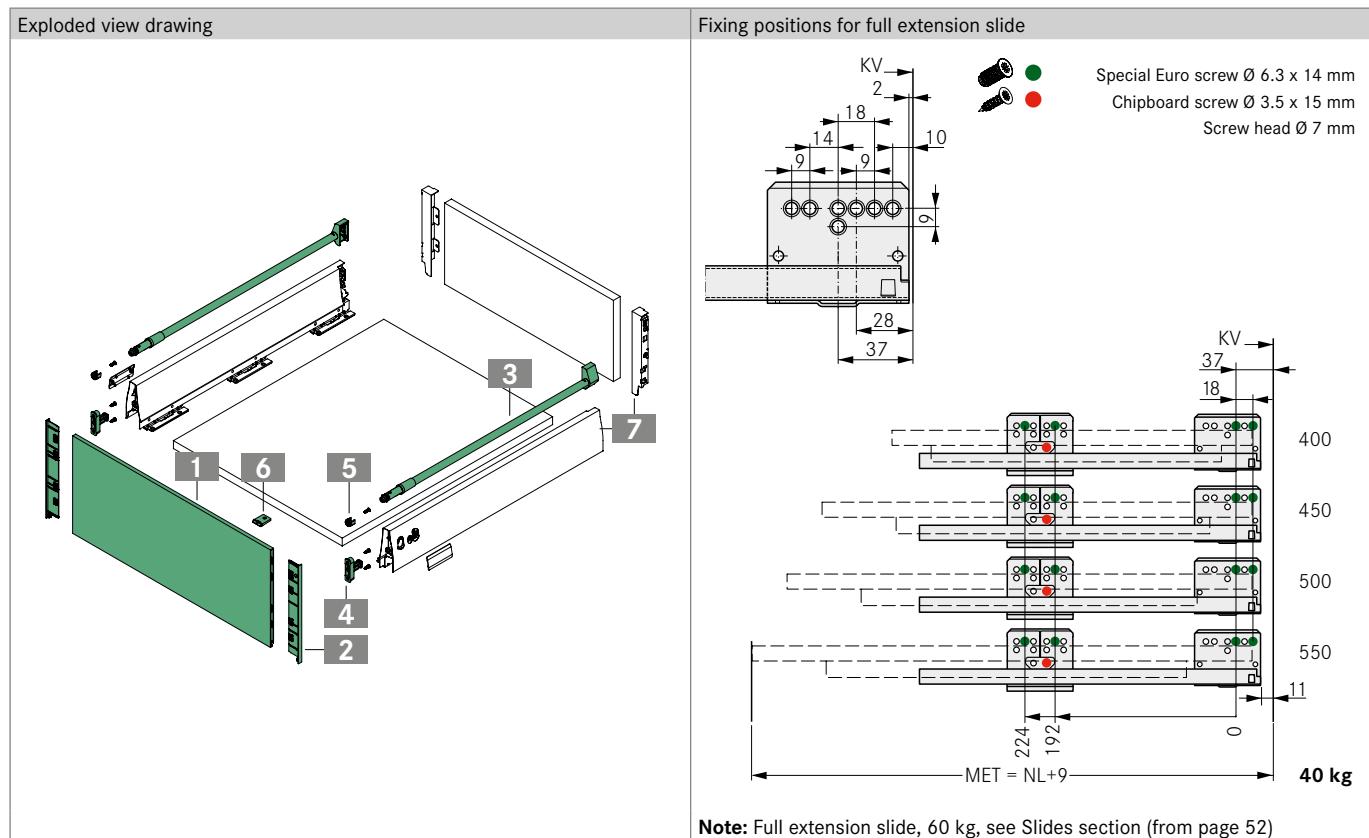
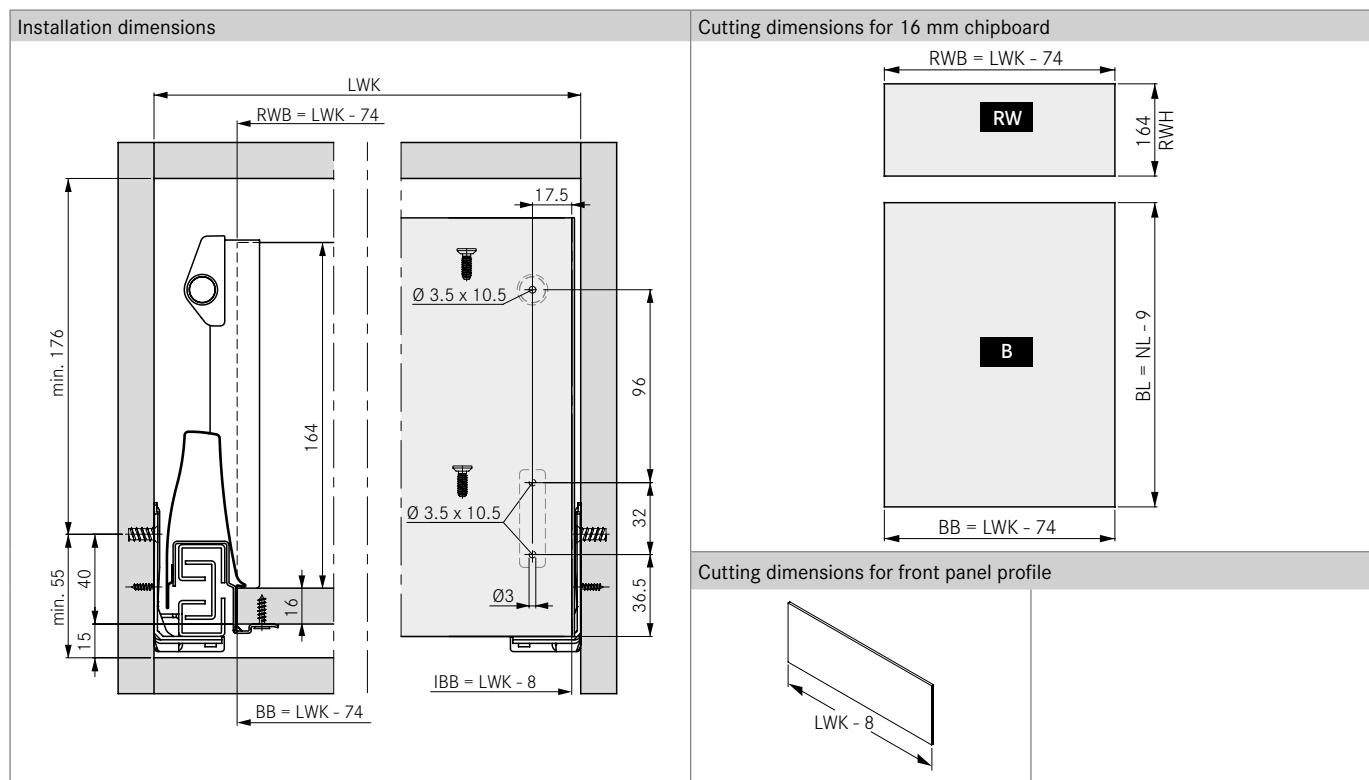
7 DWD XP drawer sides H95 and clip H182 for wooden back panel see page 22

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Drawer sides	11	Accessories	70	Sensomatic	81
Slides	50	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124

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
513 = 25 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		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
1160	F092101380	207 507*	F102101377	207 507*	F102101379	207 507*			

* incl. cardboard drilling template

2 Cover cap for F8 inset panel

Single item: Can be used on left/right

	Aluminium metallic		White		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
	F102109573	214			F102101449	214			

3 TOP add-on

Set: Glass clip (front/back), one left, one right

	Aluminium metallic		White		Stone				
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU			
	F092116696	223			F092116698	223			

4 Front holder

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	F092101588	223

5 Add-on clip (front)

Single item: Can be used on
left/right

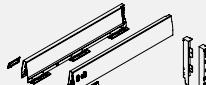


6 Front-bottom connector (optional) Single item



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

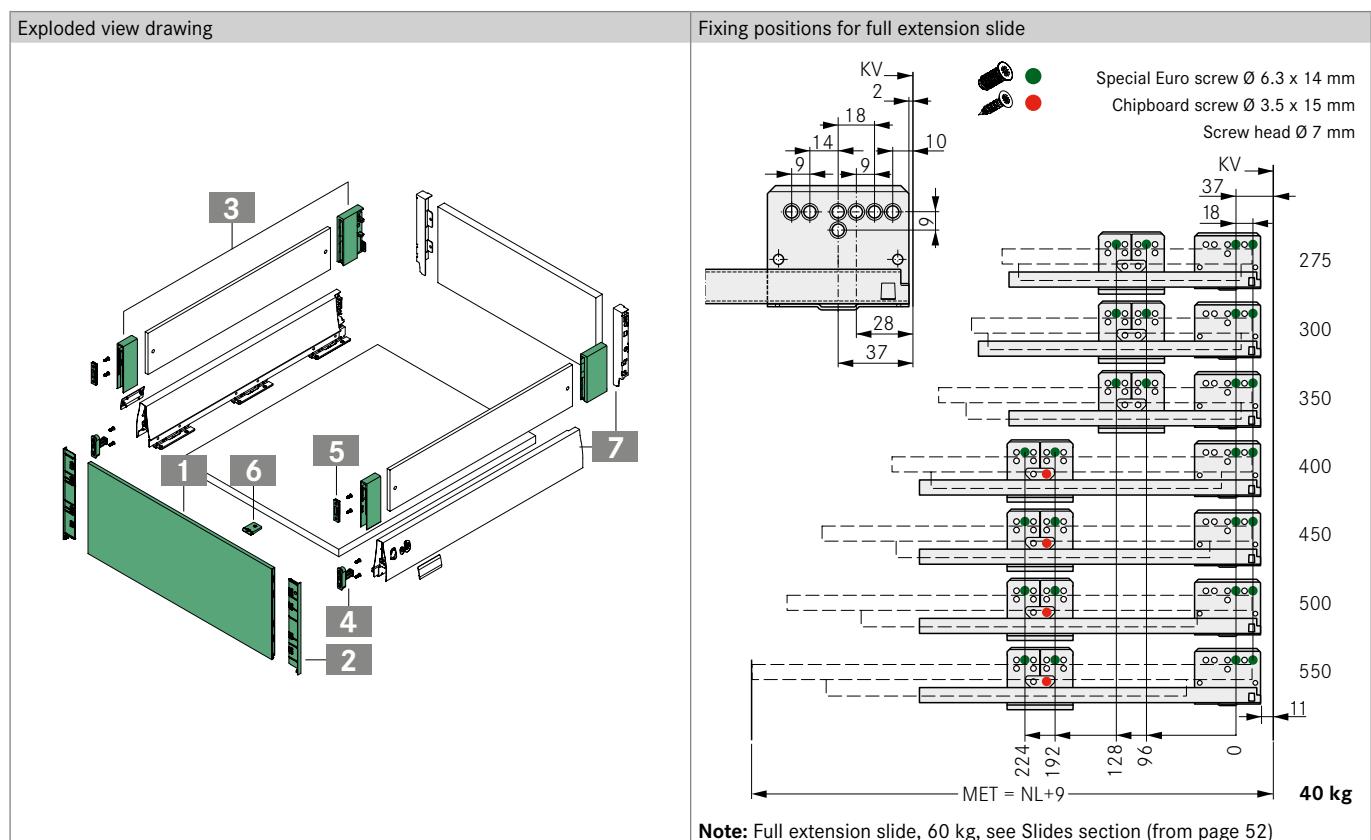
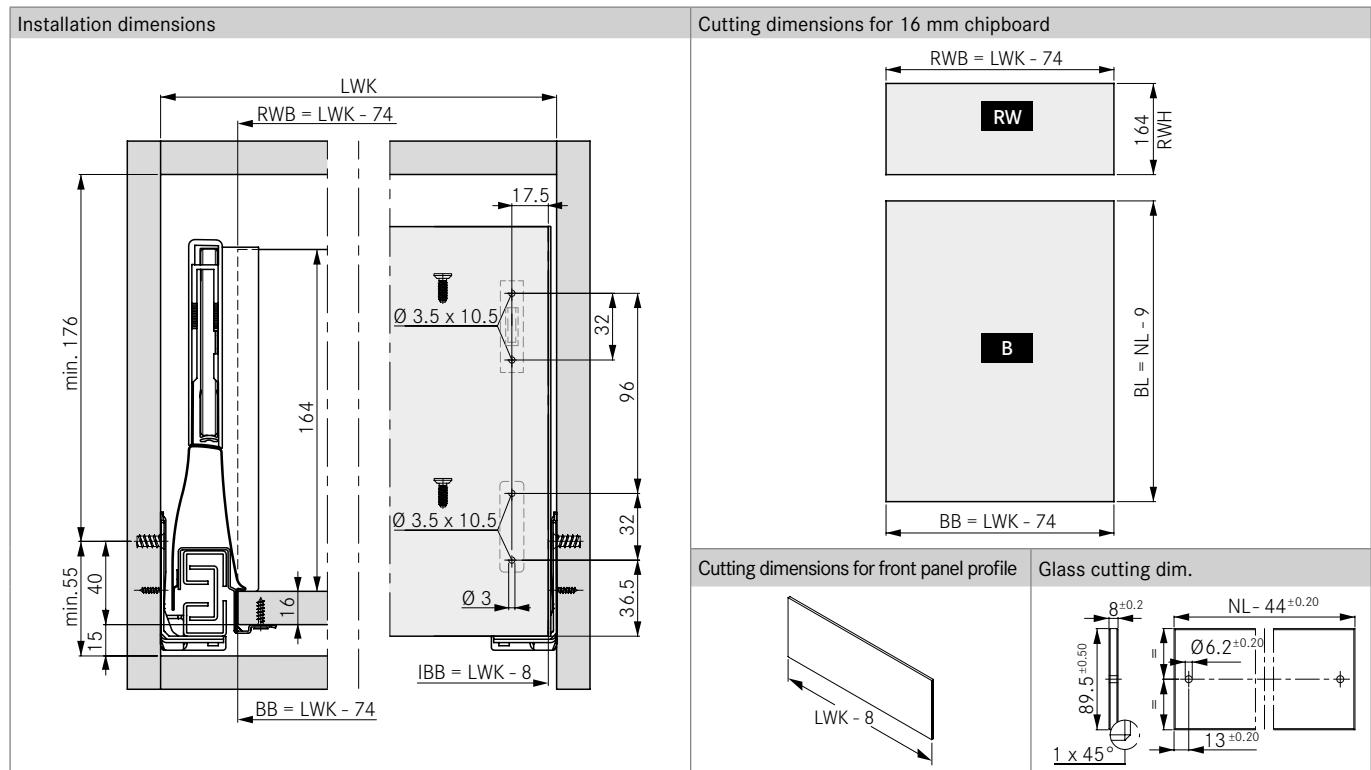


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

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):

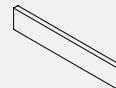
211 = 20 units in a cardboard box

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



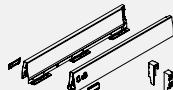
L	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
1077	F092083056	211		F092083077	211		F092136346	211							

2 Clip for inset panel Set: One left, one right



	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
	F092083068	516 223		F092076840	516 223		F092136343	516							

3 DWD XP drawer sides H95 and clip H86 for wooden back panel see page 16



PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Cutting dimensions for 16 mm chipboard

Exploded view drawing	Fixing positions for full extension slide

Note: Full extension slide, 60 kg, see Slides section (from page 52)

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



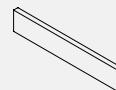
- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

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

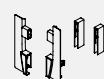
ORDER INFORMATION

1 Inset panel for inset drawer H95 with rectangular railing
Single item: For cutting to length



L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1077	F092083056	211	F092083077	211	F092136346	211	

2 Clip for inset panel and rectangular railing
Set: Clip and cover cap, one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092077415	516	F092077416	516	F092136345	516	

3 Rectangular screw-on railing

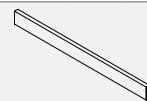
Set: Railing and railing clip (back), one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
400	F092077409	507	F092072183	507	F092136335	507	
450	F092077410	507	F092072184	507	F092136336	507	
500	F092077411	507	F092072185	507	F092136337	507	
550	F092077412	507	F092072186	507	F092136338	507	

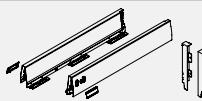
4 Rectangular cross railing

Single item: For cutting to length



L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1150	F092077417	211	F092076916	211	F092136342	211	

5 DWD XP drawer sides H95 and clip H182 for wooden back panel
see page 18

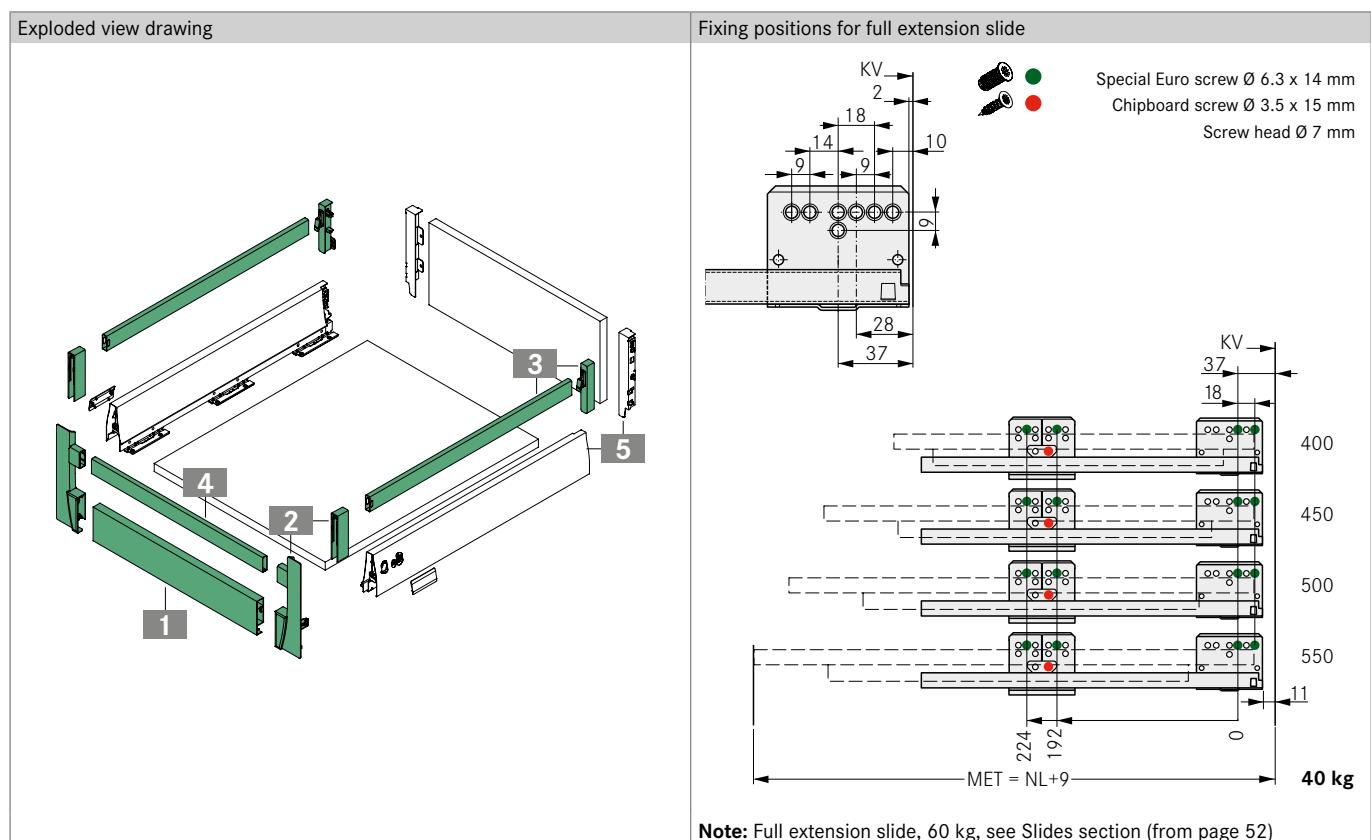
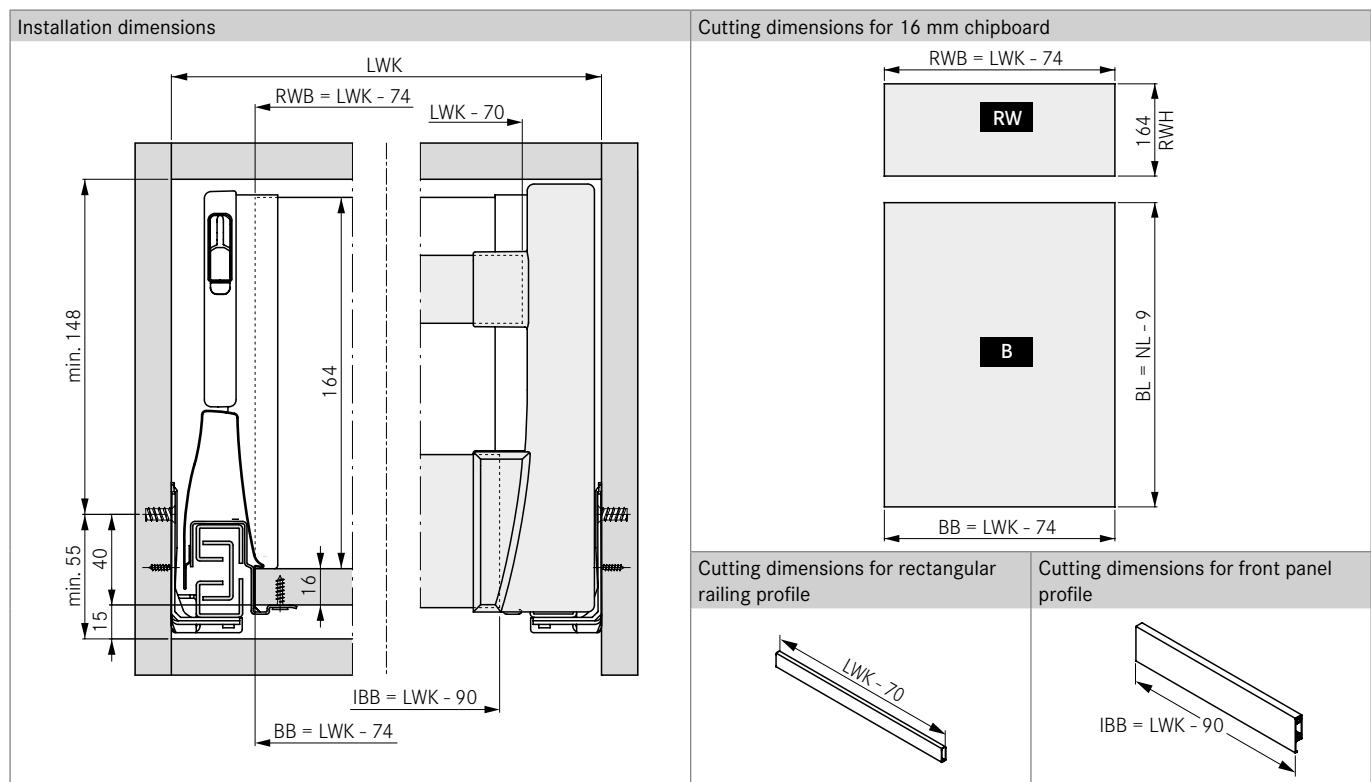


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

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



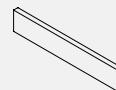
- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

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



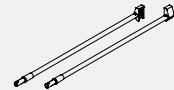
L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1077	F092083056	211	F092083077	211	F092136346	211	

2 Clip for inset panel and round railing Set: Clip, one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092083101	516 223	F092076841	516 223	F092136344	516	

3 Round railing for inset drawer Set: Railing, railing clip (back) and cover cap, one left, one right



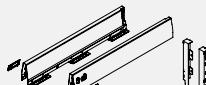
NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
400	F092078012	513	F092078015	513	F092136299	513	
450	F092078013	513	F092078016	513	F092136300	513	
500	F092082446	513	F092082447	513	F092136301	513	
550	F092116378	513	F092078017	513	F092136302	513	
600	F092078014	513	F092078018	513	F092136303	513	

4 Round cross railing Single item: For cutting to length



L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1087	F092082461	211	F092082479	211	F092136341	211 223	

5 DWD XP drawer sides H95 and clip H182 for wooden back panel see page 22

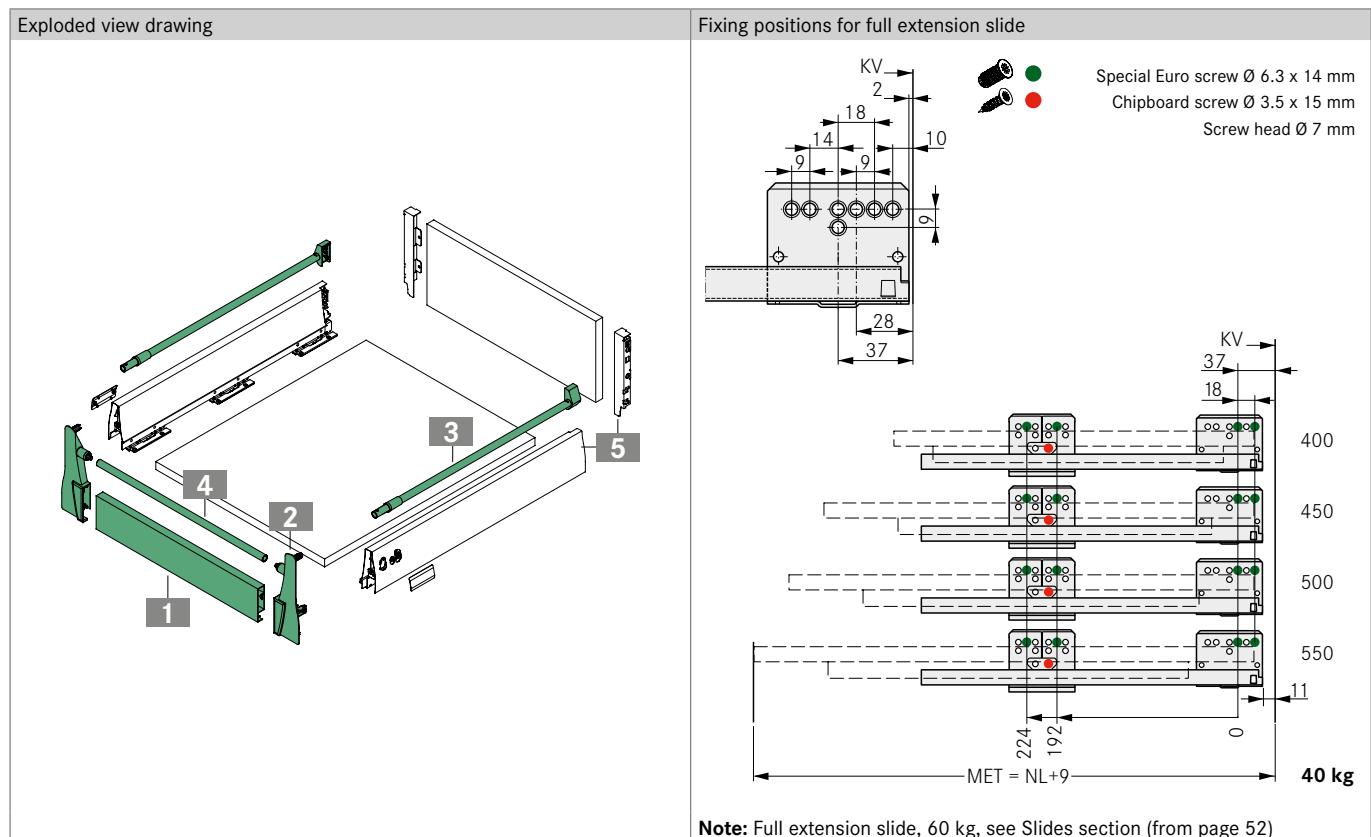
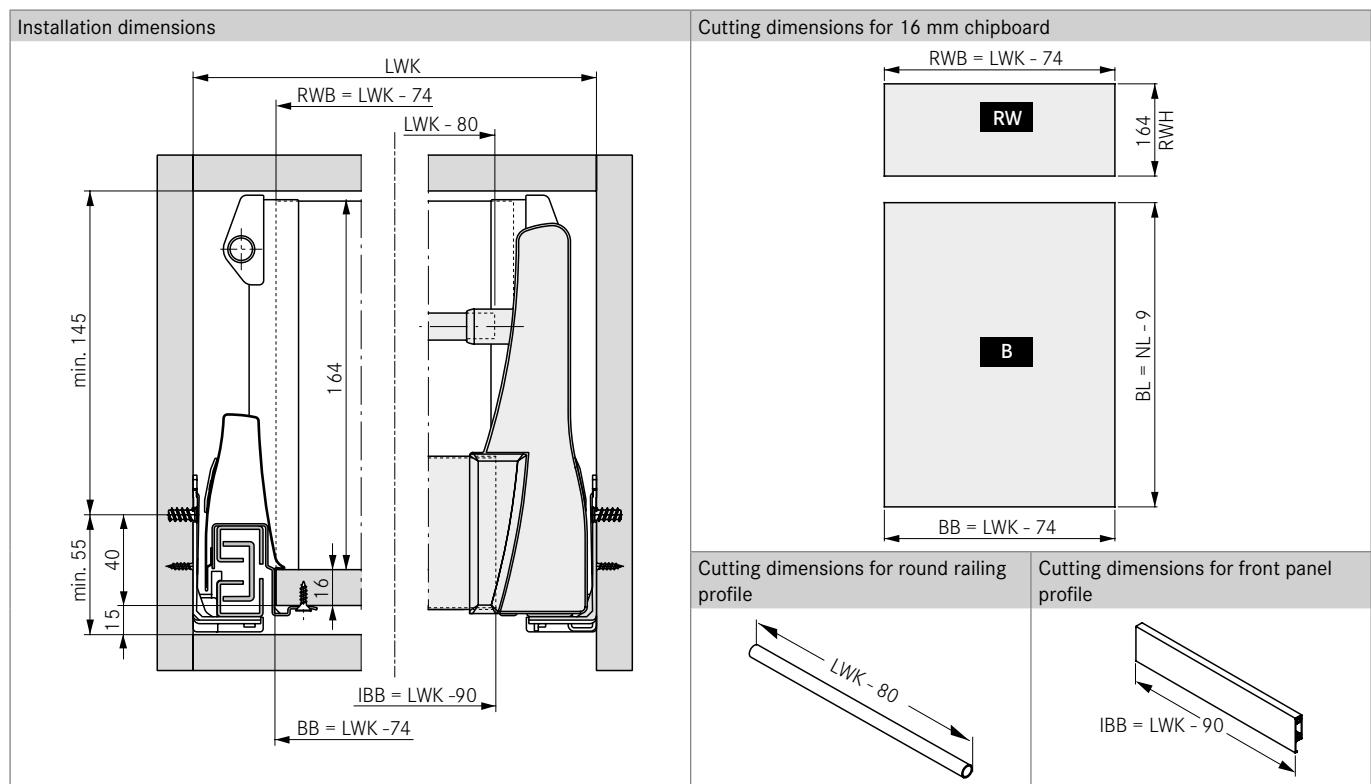


PAGE REFERENCES

Drawer sides	11	Accessories	70	Sensomatic	81
Slides	50	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124

INSTALLATION INFORMATION

All dimensions in millimetres

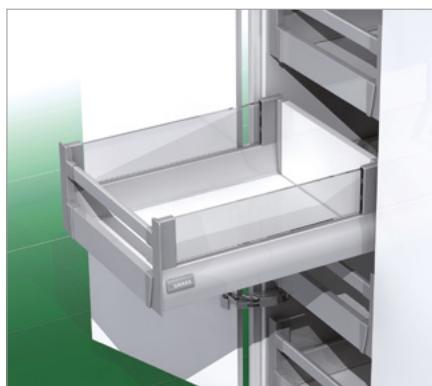


LEGEND

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



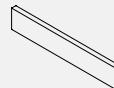
- Elegant add-on system
- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

Packaging unit (PU):

211 = 20 units in a cardboard box
223 = 100 units in a cardboard box
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 TOP add-on
Single item: For cutting to length



L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1077	F092083056	211	F092083077	211	F092136346	211	

2 Clip for inset panel and TOP add-on
Set: Clip, one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092077415	516	F092077416	516	F092136345	516	

3 Rectangular cross railing
Single item: For cutting to length



L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1150	F092077417	211	F092076916	211	F092136342	211	

4 TOP add-on
Set: Glass clip (front/back), one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092116696	223	F092116698	223	F092136357	513	

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	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions		Cutting dimensions for 16 mm chipboard	
		Cutting dimensions for front panel and rectangular profile	
		Glass cutting dim.	
Exploded view drawing		Fixing positions for full extension slide	
		<p>Note: Full extension slide, 60 kg, see Slides section (from page 52)</p>	

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

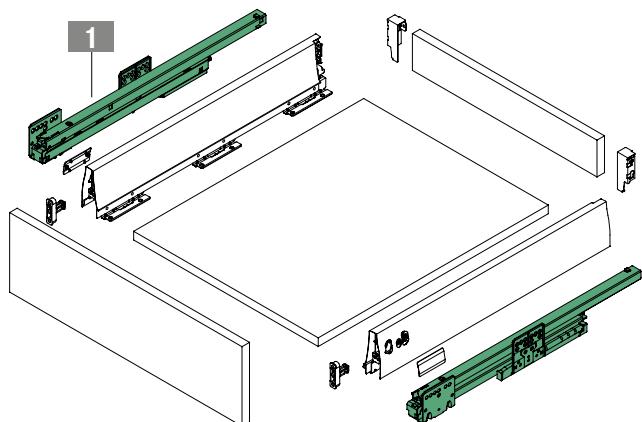


- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 40 kg

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	F091075473	211
300	F091077407	211
350	F091075474	211
400	F091075475	211
450	F091075476	211
500	F091075477	211
550	F091075478	211

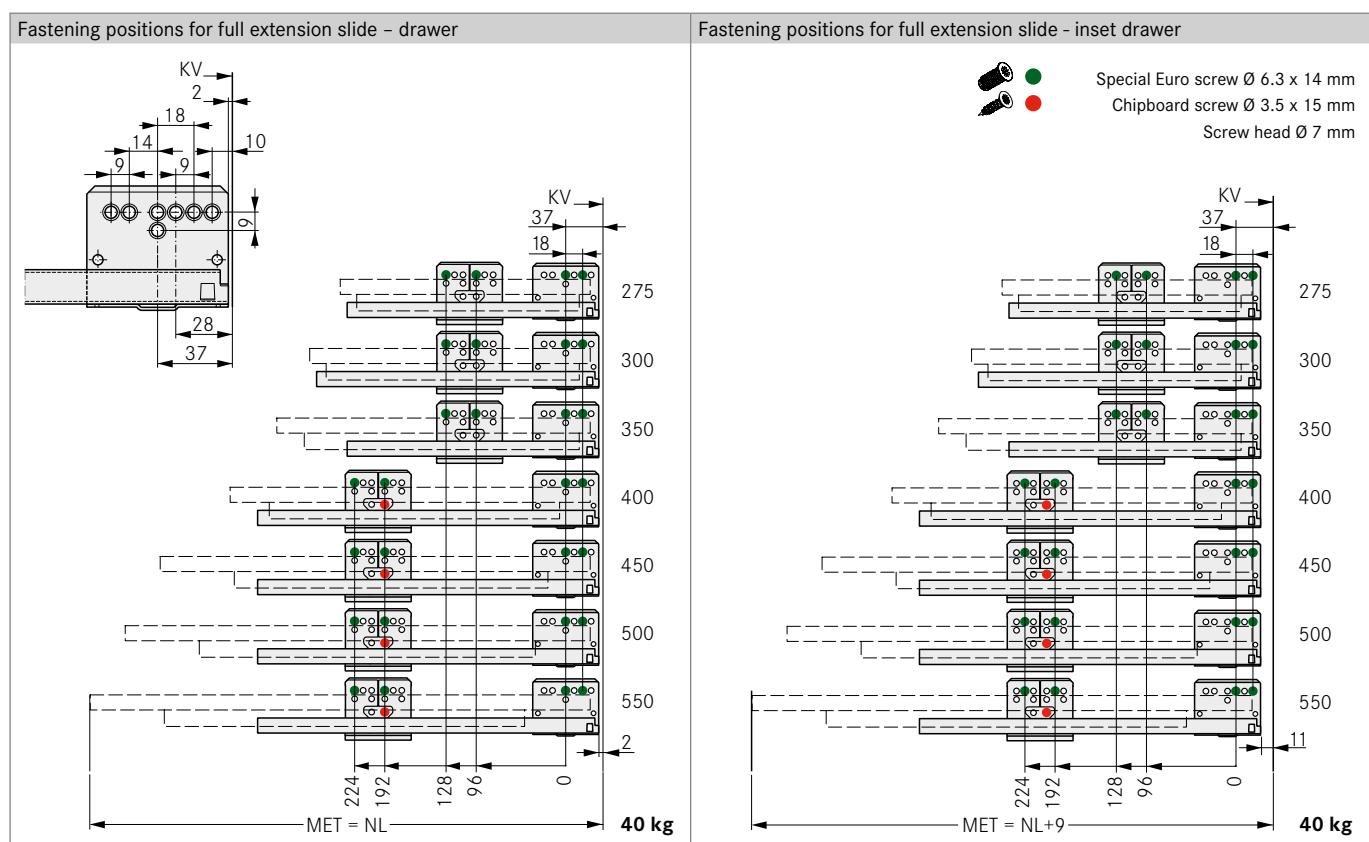
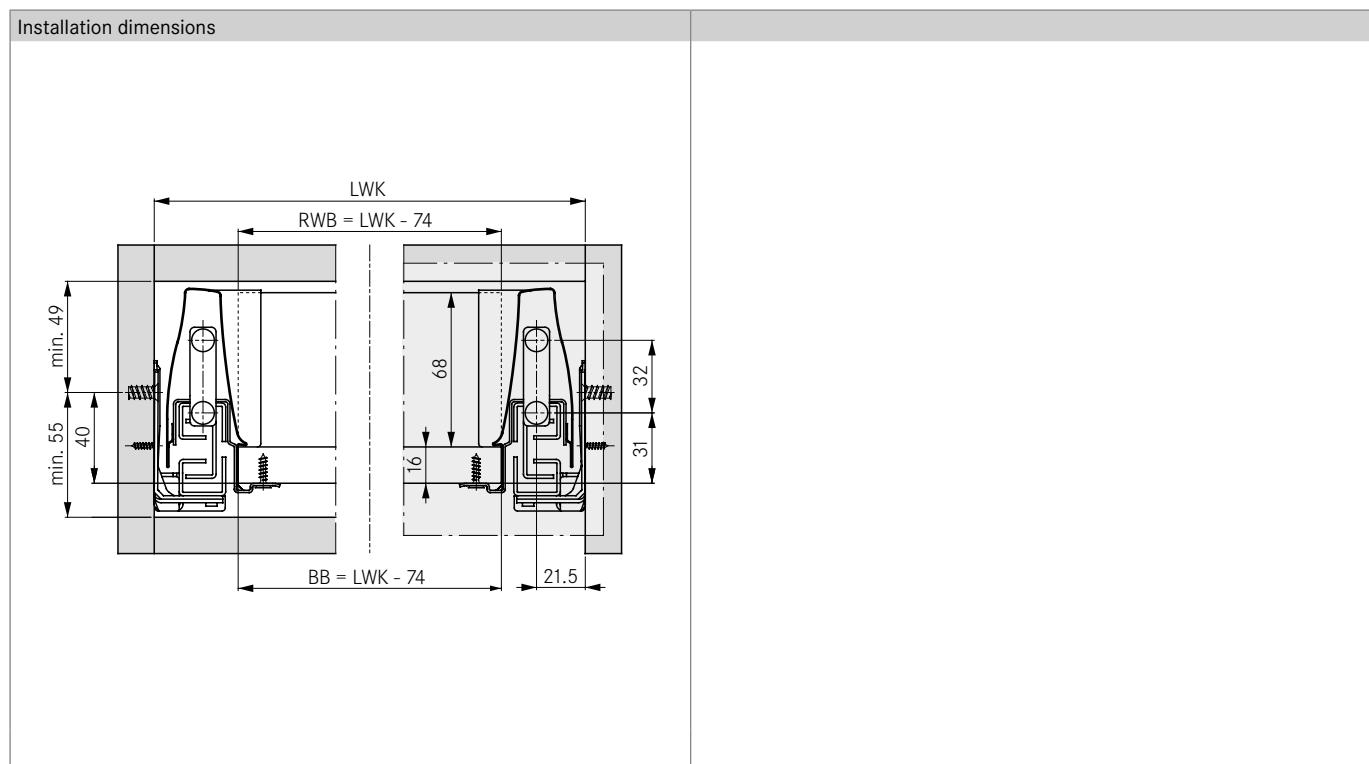


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Inset panels	34	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

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

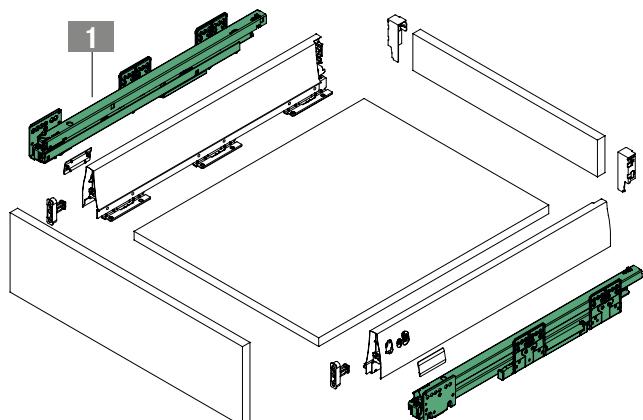


- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 60 kg

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	F091075528	211
500	F091075529	211
550	F091075530	211
600	F091075531	211
650	F091075532	211

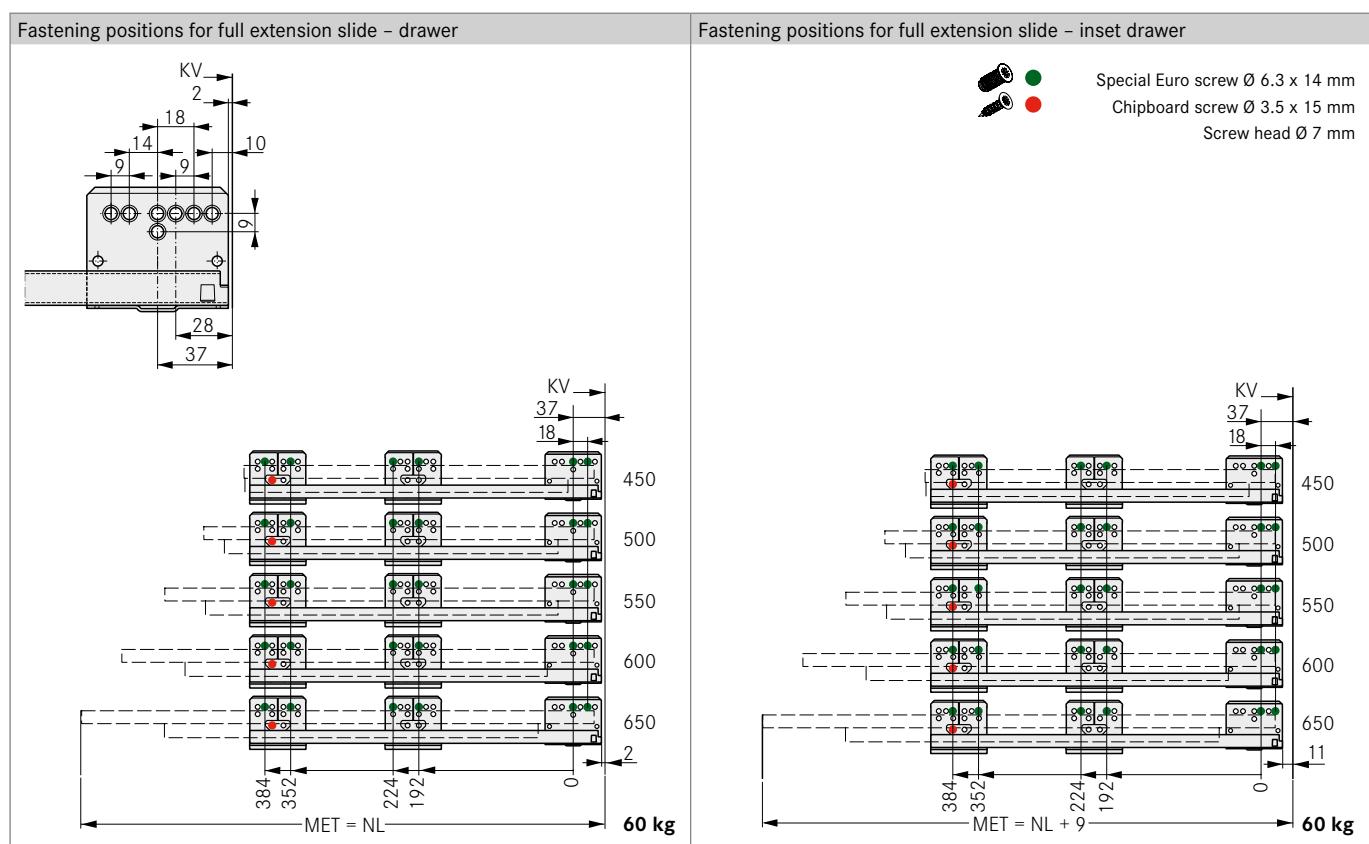
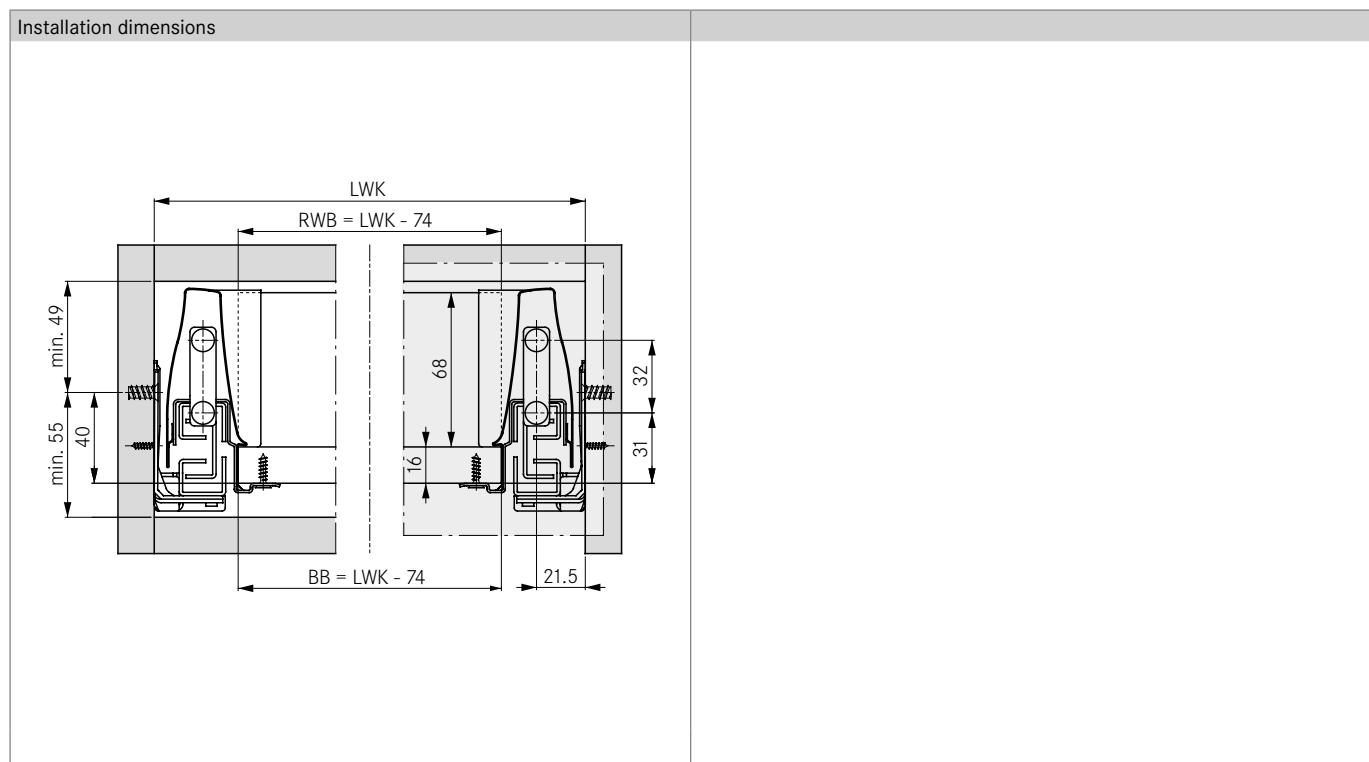


PAGE REFERENCES

Drawer sides	11	Application examples	72	Organising systems	103
Inset panels	34	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

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

Full extension slide, 40 kg



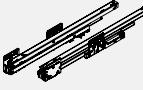
- Mechanical opening system for handle-free fronts
- Tipmatic ejector unit integrated into the slide
- Excellent running characteristics
- Fully synchronised slide technology
- Optimum opening by tapping in the middle third of the front width
- Integrated front gap adjustment + 2.0 mm
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 40 kg

Packaging unit (PU):

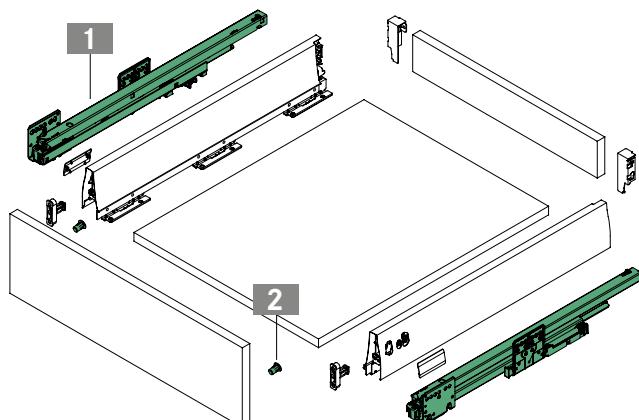
123 = 100 units in PE

207 = 10 units in a cardboard box

ORDER INFORMATION

1 DWD XP full extension slide, 40 kg Tipmatic Set: One left, one right				
NL	Art.-no.	PU		
275	F091136592	207		
300	F091136595	207		
350	F091136598	207		
400	F091136601	207		
450	F091136604	207		
500	F091136607	207		
550	F091136610	207		

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

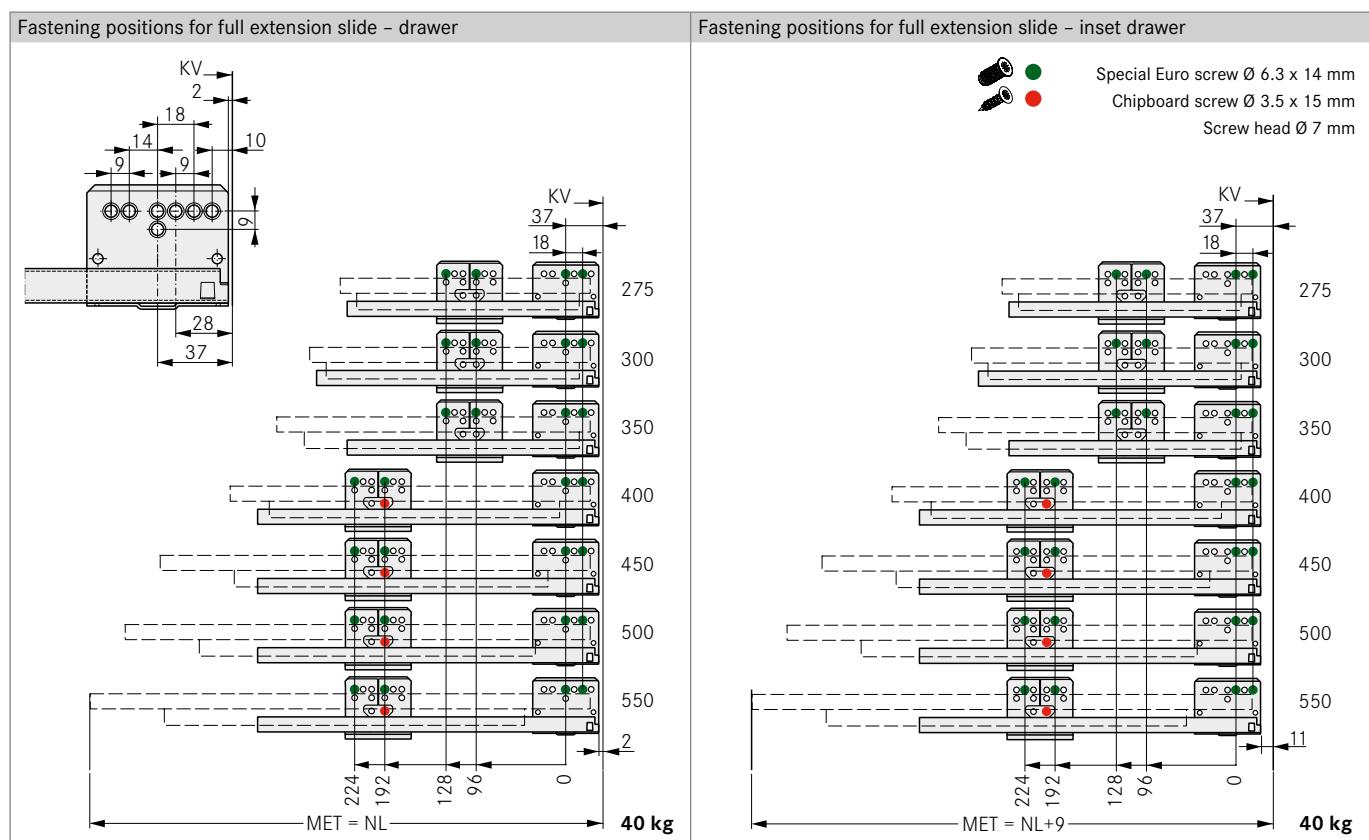
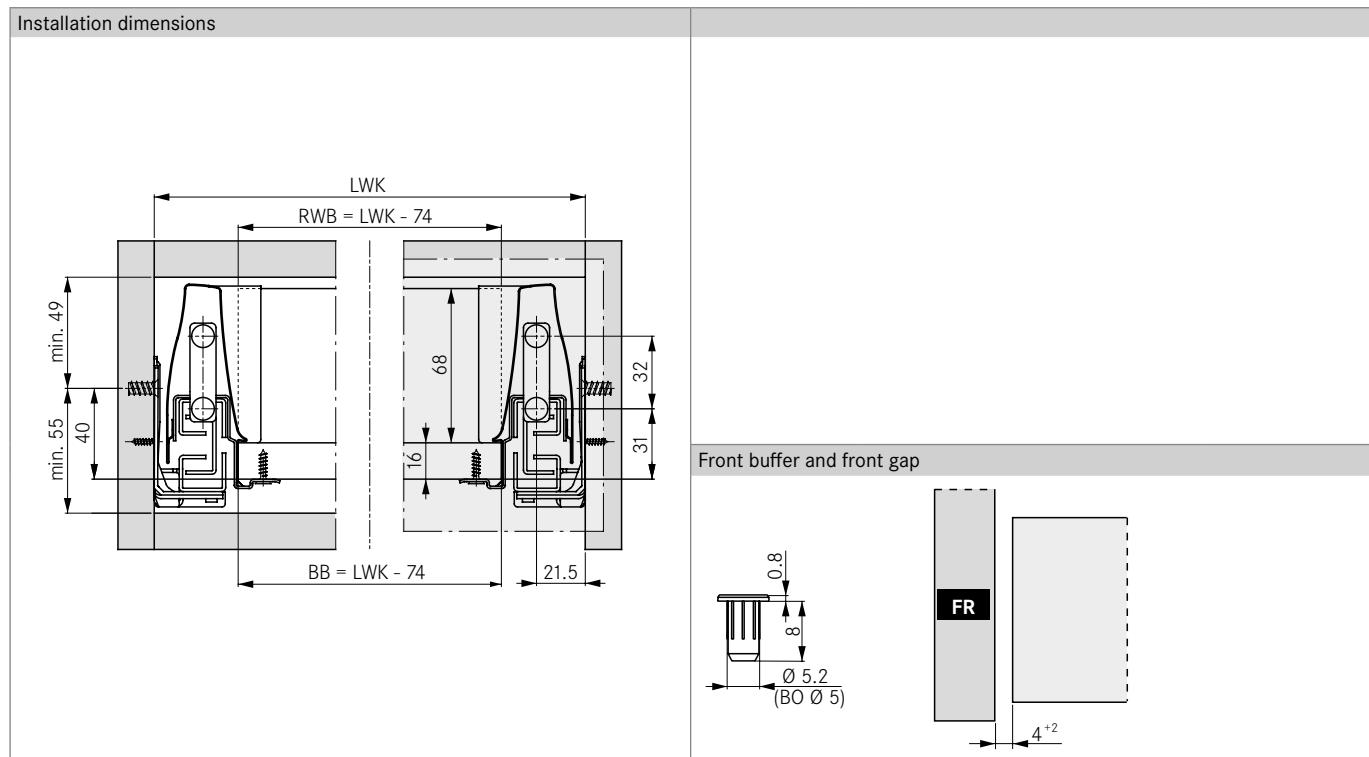


PAGE REFERENCES

Drawer sides	11	Application examples	72	Assembly technology	124
Inset panels	34	Technical information	76	Assembly aids	128
Accessories	70	Organising systems	103	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

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

DWD XP TIPMATIC

Full extension slide, 60 kg



- Mechanical opening system for handle-free fronts
- Tipmatic ejector unit integrated into the slide
- Excellent running characteristics
- Fully synchronised slide technology
- Optimum opening by tapping in the middle third of the front width
- Integrated front gap adjustment + 2.0 mm
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 60 kg

Packaging unit (PU):

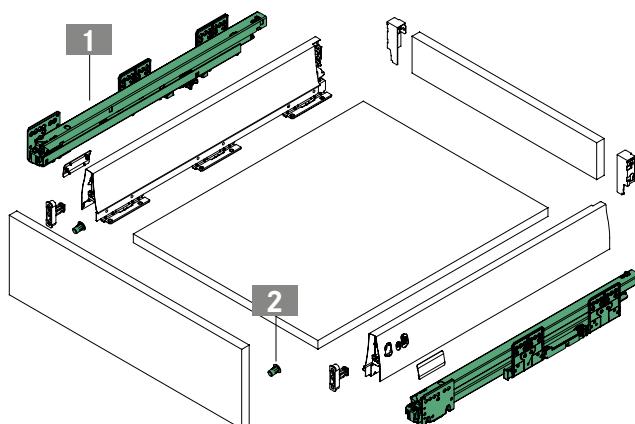
123 = 100 units in PE

207 = 10 units in a cardboard box

ORDER INFORMATION

1 DWD XP full extension slide, 60 kg Tipmatic Set: One left, one right				
NL	Art.-no.	PU		
500	F091136613	207		
550	F091136616	207		
600	F091136619	207		
650	F091136622	207		

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

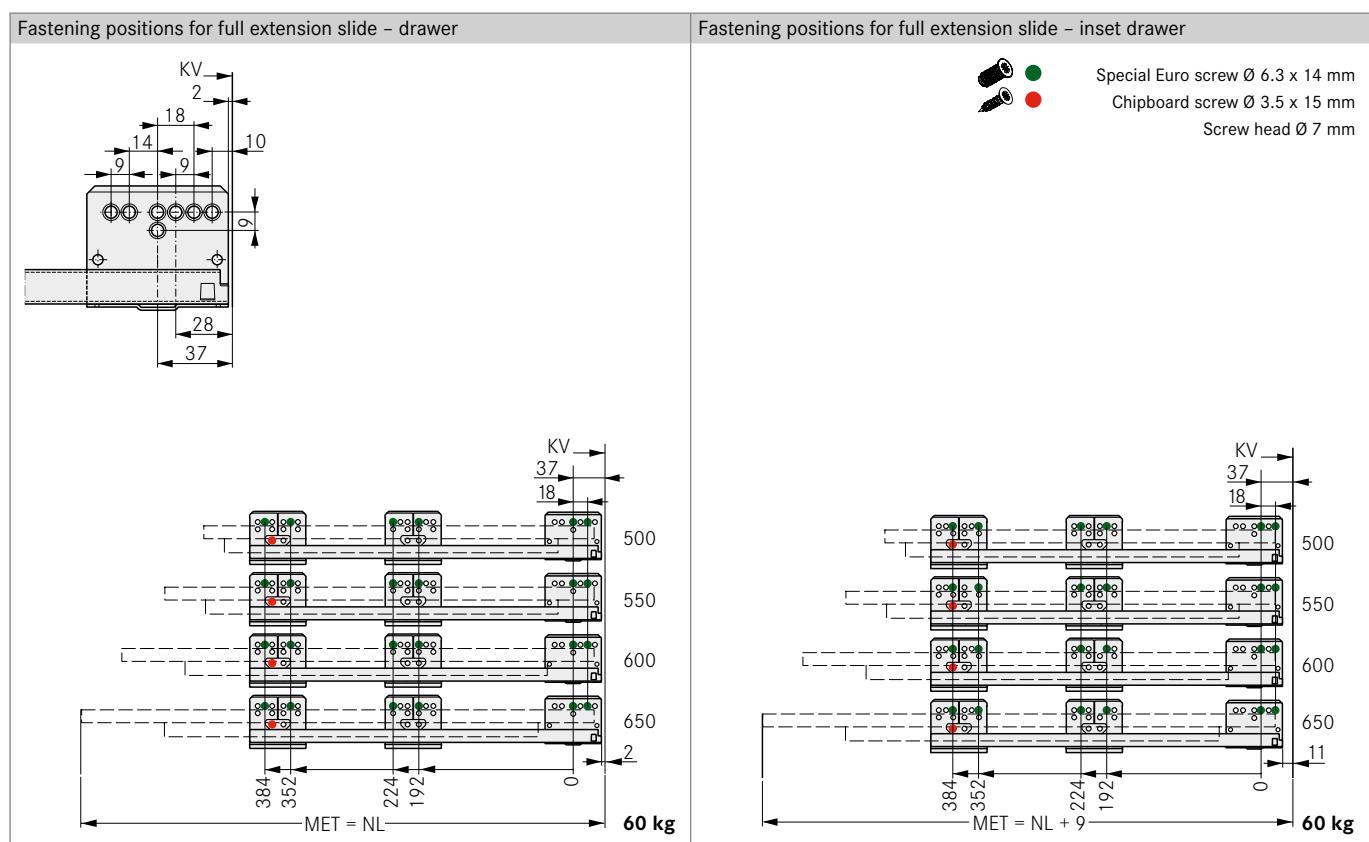
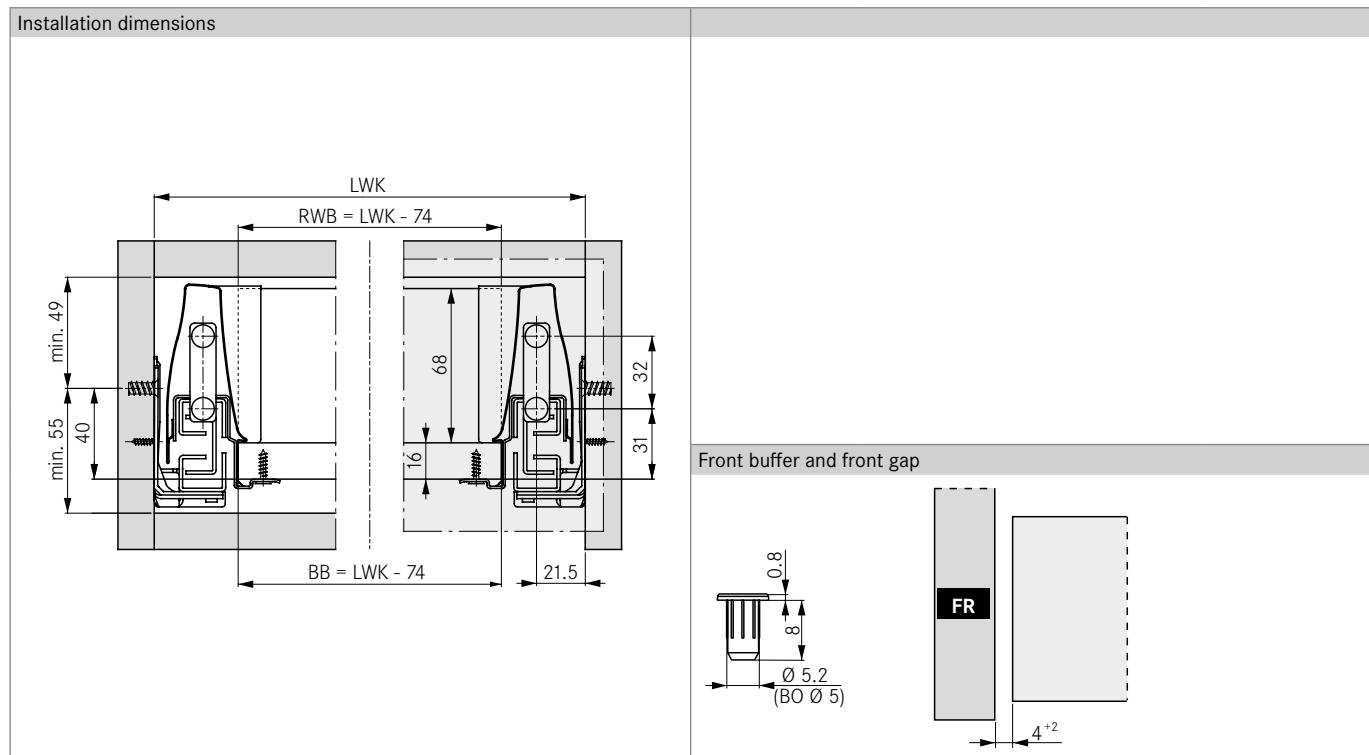


PAGE REFERENCES

Drawer sides	11	Application examples	72	Assembly technology	124
Inset panels	34	Technical information	76	Assembly aids	128
Accessories	70	Organising systems	103	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

BB	Bottom panel width
BO	Drill hole
FR	Front
KV	Front edge of cabinet

LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length
RWB	Width of back panel

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

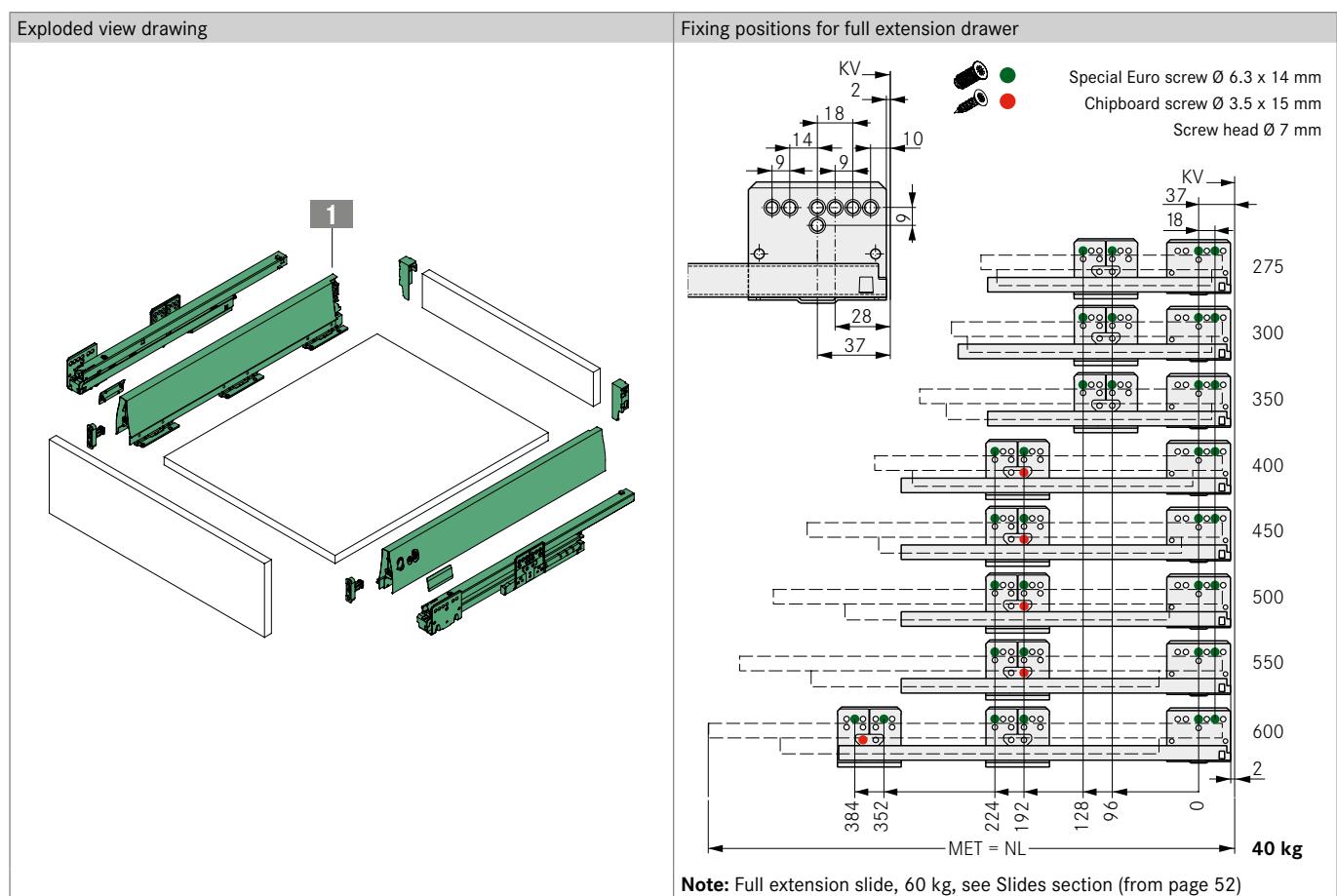
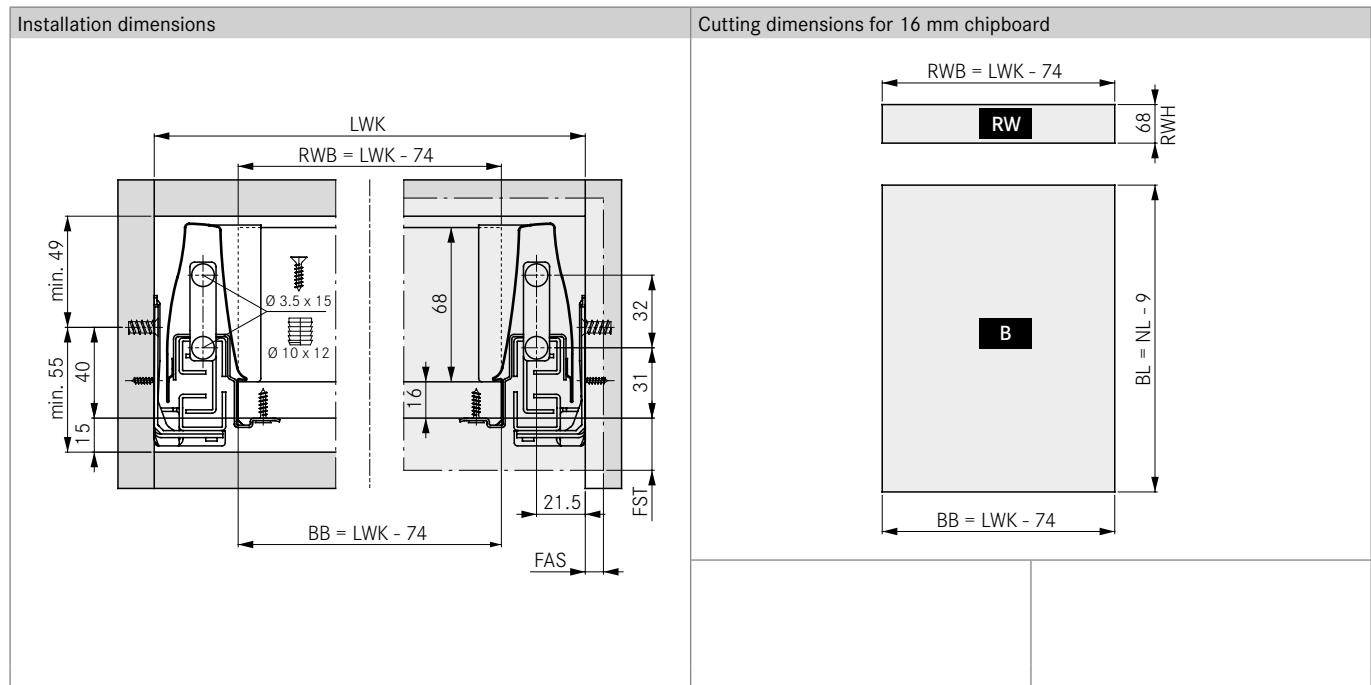
1 DWD XP drawer H95 Set: Drawer side H95 incl. cover cap, slide (Soft-close, 40 kg), clip H86 for wooden back panel and front holder, one left, one right							
NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
275	F090075391	201	F090115141	201	F090136266	201	
300	F090135151	201	F090135153	201	F090136267	201	
350	F090075393	201	F090115142	201	F090136268	201	
400	F090075395	201	F090075396	201	F090136269	201	
450	F090075398	201	F090075399	201	F090136270	201	
500	F090075401	201	F090075402	201	F090136271	201	
550	F090075404	201	F090115143	201	F090136272	201	
600	F090135152	201	F090116211	201	F090136273	201	

PAGE REFERENCES

Accessories	70	Sensomatic	81	Assembly aids	128
Application examples	72	Organising systems	103	Packaging code	131
Technical information	76	Assembly technology	124		

INSTALLATION INFORMATION

All dimensions in millimetres

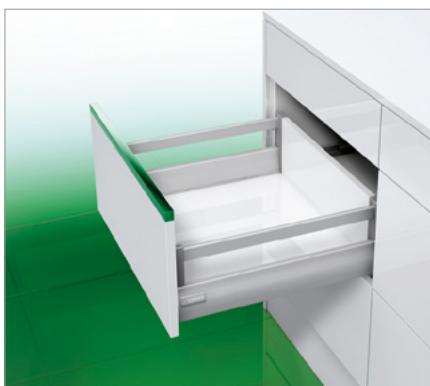


LEGEND

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

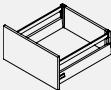
Pot drawer H95 with rectangular railing - flat pack



- 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 H182 for wooden back panel, front holder, railing, railing clip (front/back) and cover cap, one left, one right	
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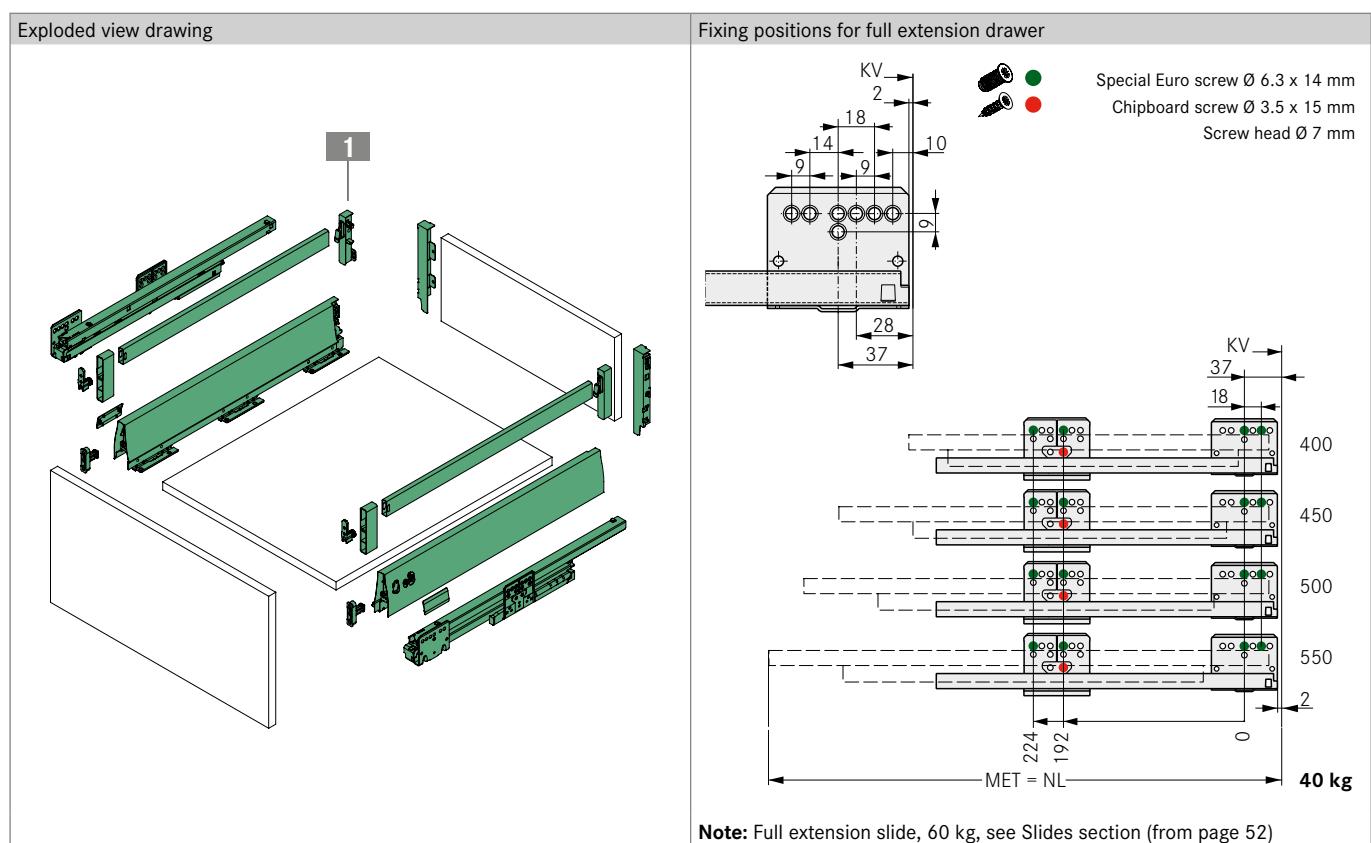
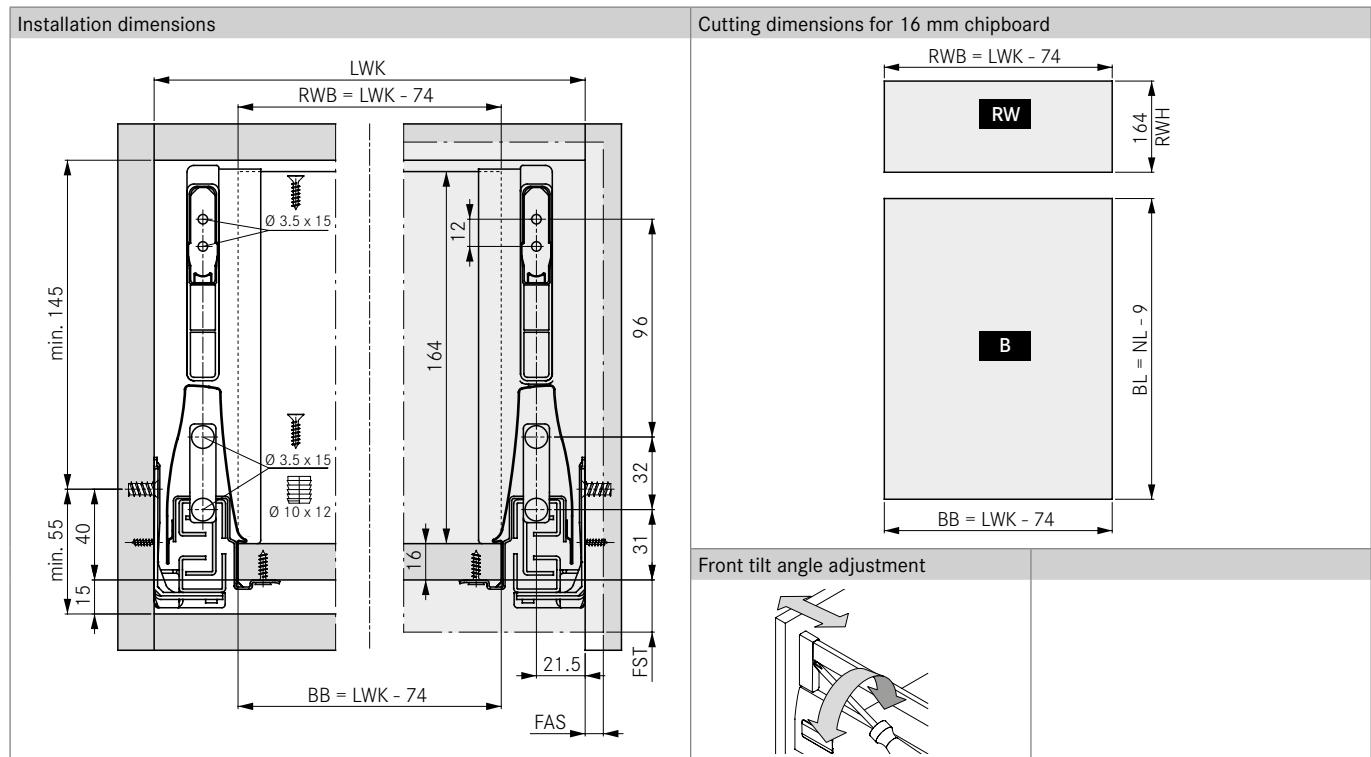
NL	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
400	F090135415	201	F090135414	201	F090136278	201		
450	F090135418	201	F090135417	201	F090136279	201		
500	F090135421	201	F090135420	201	F090136280	201		
550	F090135424	201	F090135423	201	F090136281	201		

PAGE REFERENCES

Accessories	70	Sensomatic	81	Assembly aids	128
Application examples	72	Organising systems	103	Packaging code	131
Technical information	76	Assembly technology	124		

PLANNING DIMENSIONS

All dimensions in millimetres



LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
RWH	Height of back panel

DWD XP

Pot drawer H95 with round railing - flat pack



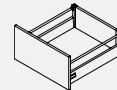
- Flat-pack set packaging
- All GRASS components for one pot drawer with round railing in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

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 H182 for wooden back panel, front holder, railing, railing clip (front/back) and cover cap, one left, one right



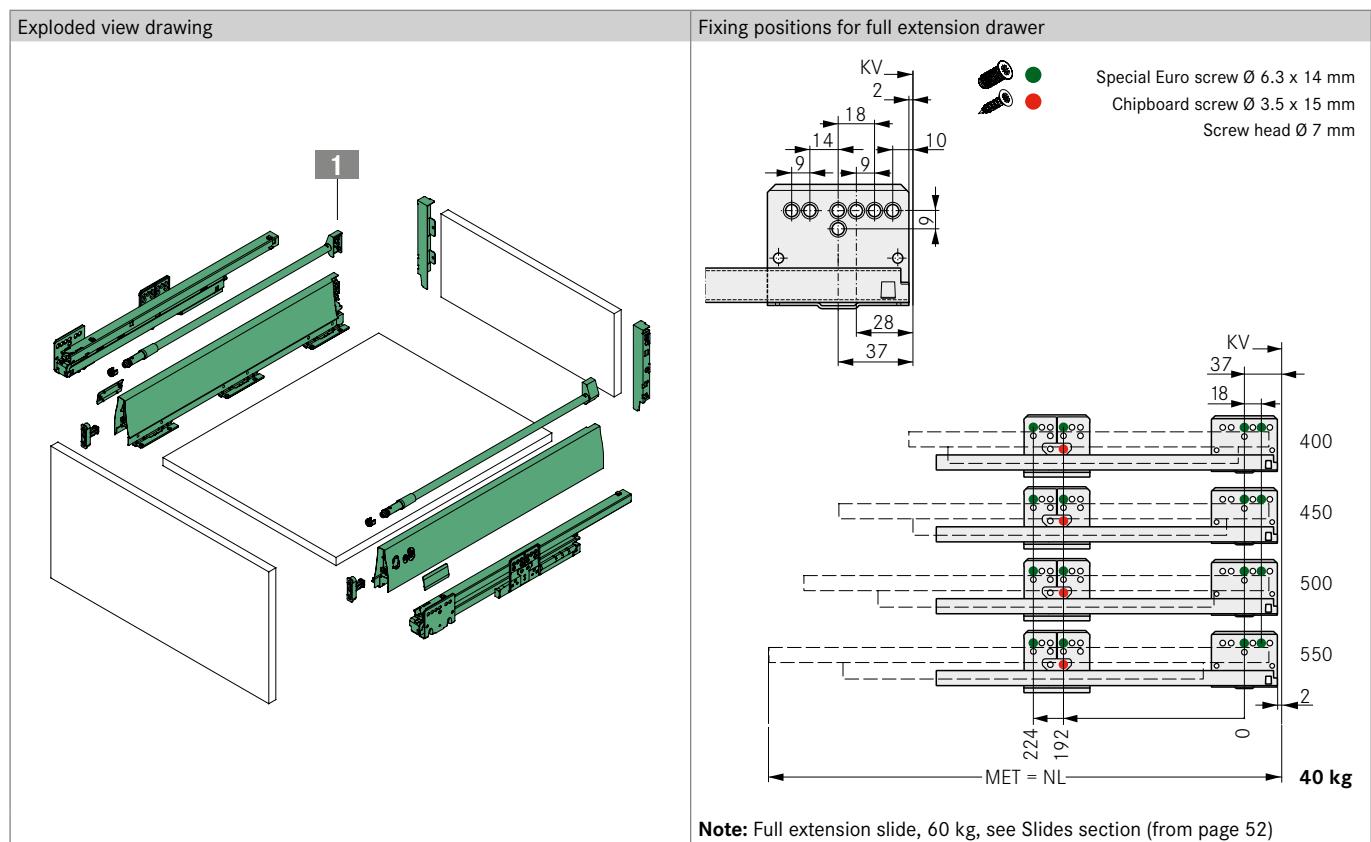
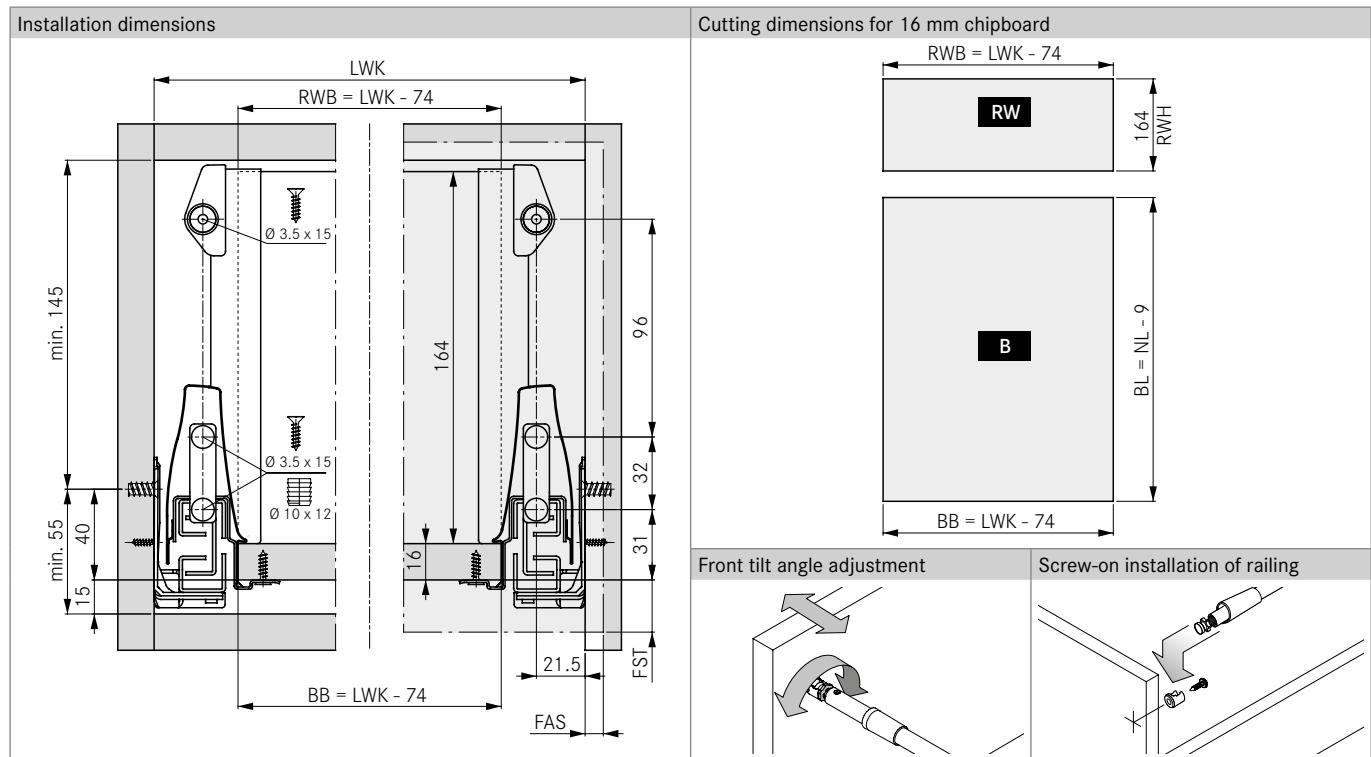
NL	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
400	F090075406	201	F090116371	201	F090136274	201		
450	F090075408	201	F090075409	201	F090136275	201		
500	F090075410	201	F090075411	201	F090136276	201		
550	F090075413	201	F090116372	201	F090136277	201		

PAGE REFERENCES

Add-on systems	64	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128
Application examples	72	Organising systems	103	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
FAS	Front overlay, side

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

NL	Nominal length
RW	Back panel
RWB	Width of back panel
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):

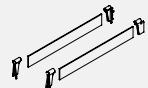
511 = 20 units in PE in a cardboard box

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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
500	F092082604	511	F092077402	511	F092136348	511	
550	F092082606	511	F092077403	511	F092136349	511	
650	F092082607	511	F092079041	511	F092136350	511	

2 Variowing clip

Set: Clip (front/back), one left, one right



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092082588	517	F092076843	517	F092136347	517	

3 Round screw-on railing

see page 22



4 Round quick-mounting railing

see page 26



5 DWD XP drawer sides H95,

clip H182 for wooden back panel
and front holder see page 22



PAGE REFERENCES

Drawer sides	11	Flat packs	58	Technical information	76
Inset panels	34	Accessories	70	Sensomatic	81
Slides	50	Application examples	72	Organising systems	103

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Cutting dimensions for 16 mm chipboard	Glass cutting dim.																
		<table border="1"> <tr> <th>NL</th> <th>GL</th> </tr> <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> </table>	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																	
	Front tilt angle adjustment	Note																
		All glass edges must be chamfered (approx. 0.7 mm x 45°). GRASS recommends TSG.* *(toughened safety glass)																

Exploded view drawing	Fixing positions for full extension drawer
	<p>Special Euro screw Ø 6.3 x 14 mm Chipboard screw Ø 3.5 x 15 mm Screw head Ø 7 mm</p> <p>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):

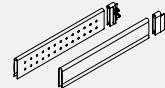
201 = 1 unit in a cardboard box

207 = 10 units in a cardboard box

ORDER INFORMATION

1 Duowing set

Duowing and clip, one left, one right



NL	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
400	F092082567	201 207	F092082583	201	F092136351	201	
450	F092082570	201 207	F092082584	201	F092136352	201	
500	F092082572	201 207	F092082585	201	F092136353	201	
550	F092082576	201 207	F092082586	201	F092136354	201	
600	F092082578	201 207	F092071889	201	F092136355	201	
650	F092082580	201 207	F092077404	201	F092136356	201	

2 Round screw-on railing

see page 22



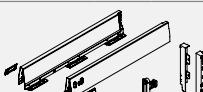
3 Round quick-mounting railing

see page 26



4 DWD XP drawer sides H95,

clip H182 for wooden back panel
and front holder see page 22

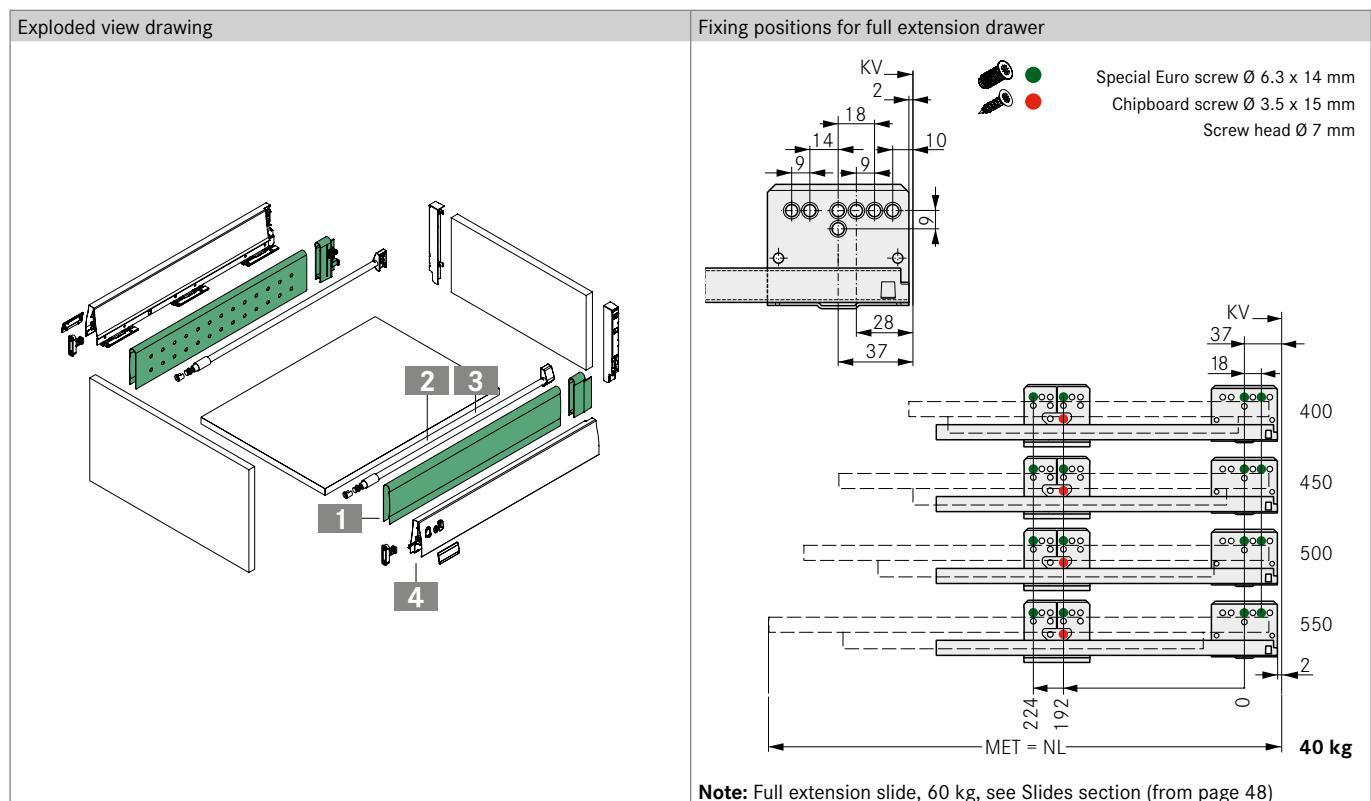
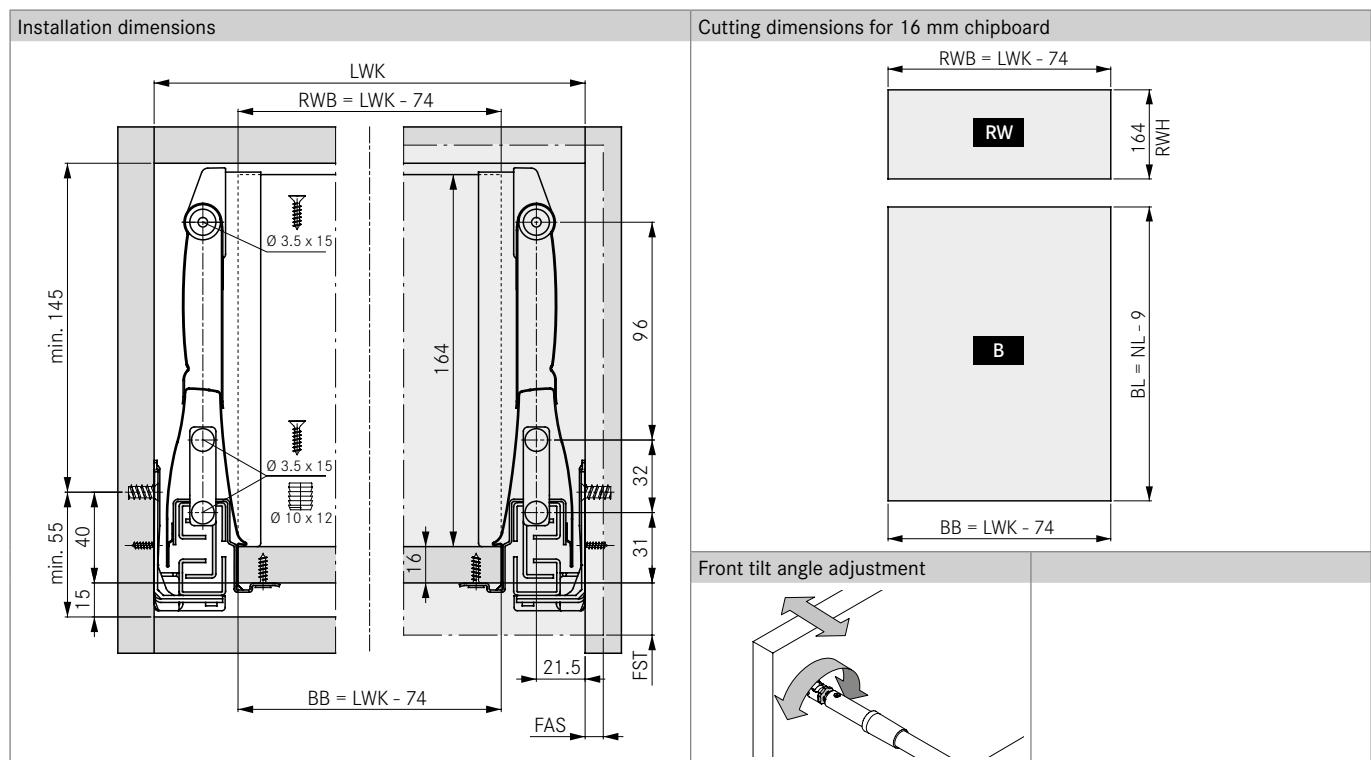


PAGE REFERENCES

Drawer sides	11	Flat packs	58	Technical information	76
Inset panels	34	Accessories	70	Sensomatic	81
Slides	50	Application examples	72	Organising systems	103

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



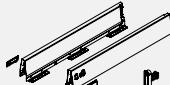
NL	Aluminium anodised							
	Art.-no.	PU						
450	F084074848	233						
500	F084074850	511						
550	F084074851	511						

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



	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092082978	223	F092115414	223	F092136293	223		

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

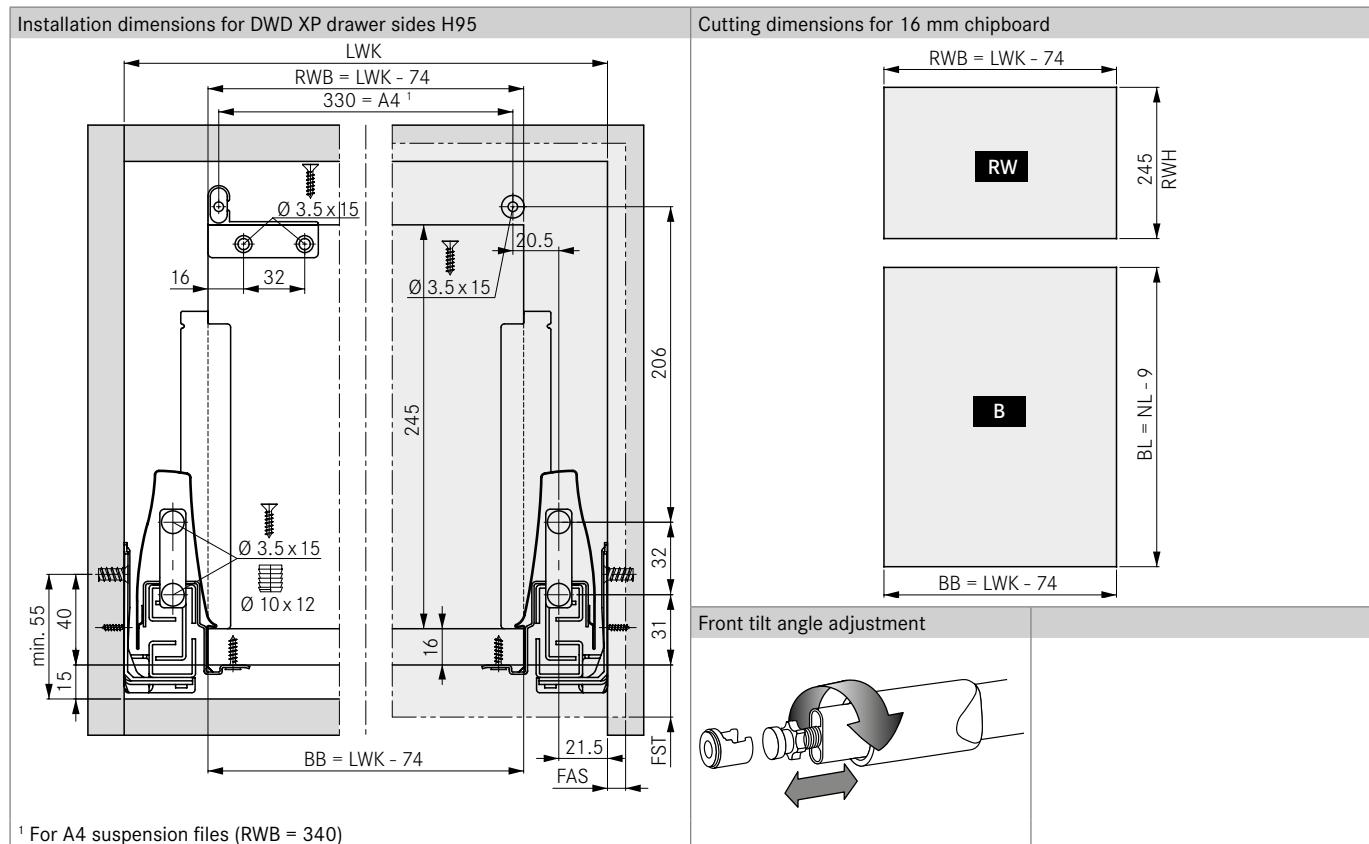


PAGE REFERENCES

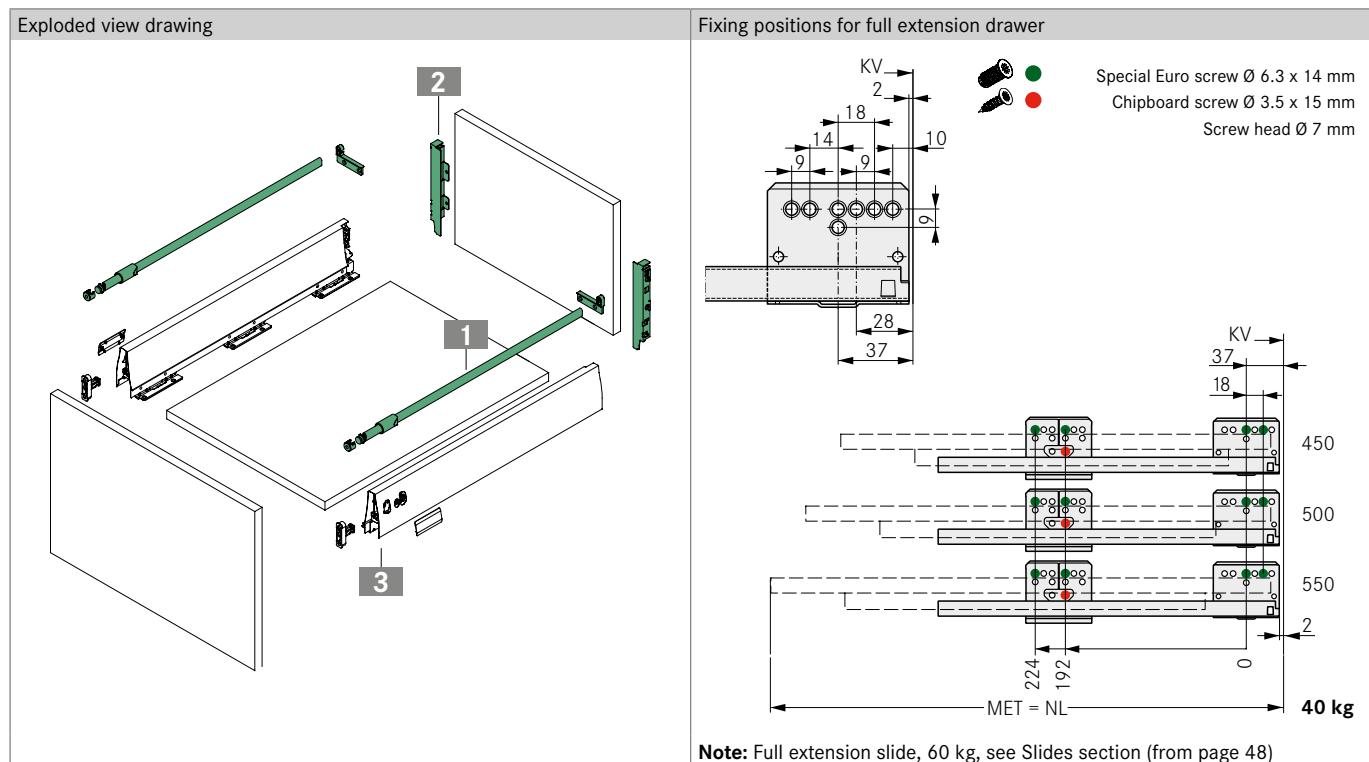
Drawer sides	11	Application examples	72	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

INSTALLATION INFORMATION

All dimensions in millimetres



¹ For A4 suspension files (RWB = 340)



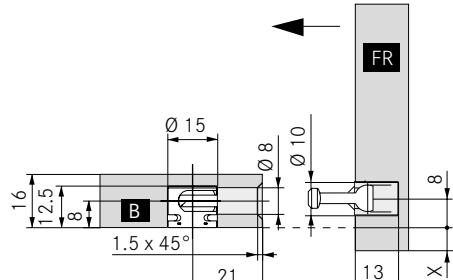
LEGEND

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

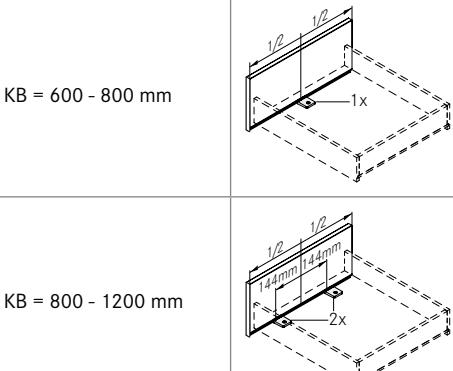
DWD XP

Accessories

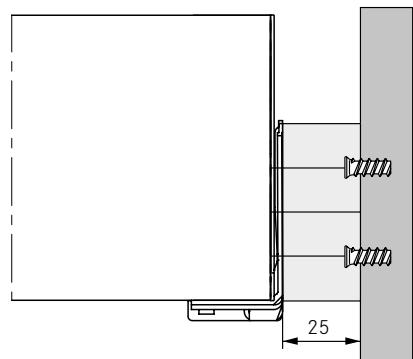
FRONT-BOTTOM CONNECTOR

			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 INSET PANEL

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

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	58	Sensomatic	81
Inset panels	34	Add-on systems	64	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124

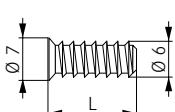
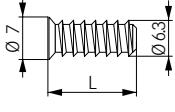
DWD XP CHILD LOCK

		Art.-no.	PU
<ul style="list-style-type: none"> When activated, limits the opening of the drawer to a small gap; the drawer opens fully when a concealed lever at the base is operated The concealed installation avoids imitation of the action by the child Use of the drawer storage space is unrestricted No damage to front and cabinet Can also be retrofitted Can be deactivated without tools if needed 		F092083193	523

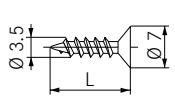
DWD XP LOCKING PIN

		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

	L = 8.5		Art.-no.	PU
• Steel, nickel-plated, for screw fixing in Ø 5 mm pre-drilled hole system (Pozidriv No. 2)	L = 8.5		F145089355	123
	L = 13.5		F145088185	123
	L = 10.5		F148115048	147
	L = 14		F148115049	147

CHIPBOARD SCREWS

	L = 11		Art.-no.	PU
• 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

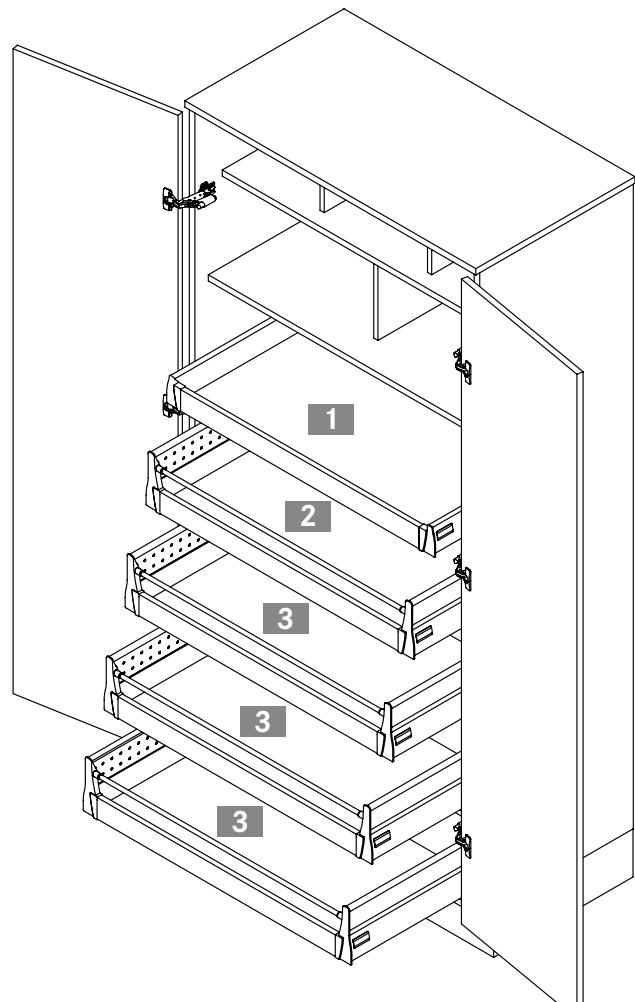
NOTE

We recommend:

Tiomos 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	64	Sensomatic	81
Inset panels	34	Accessories	70	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124



- 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

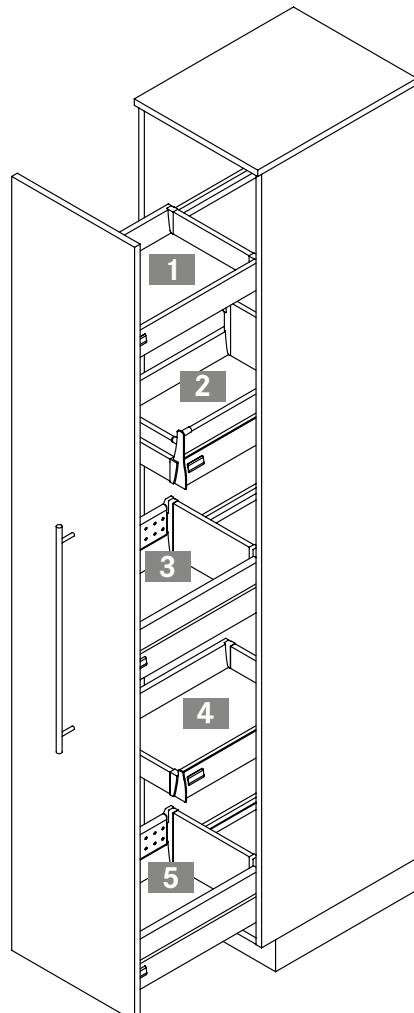
Application example consists of:

- 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

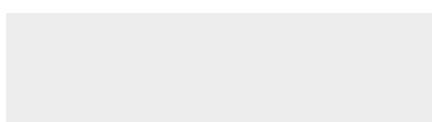
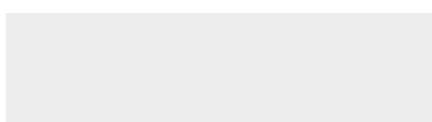
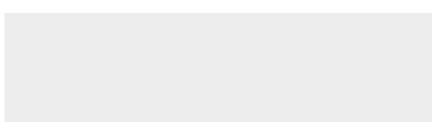
NOTES

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	64	Sensomatic	81
Inset panels	34	Accessories	70	Organising systems	103
Slides	50	Technical information	76	Assembly technology	124



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

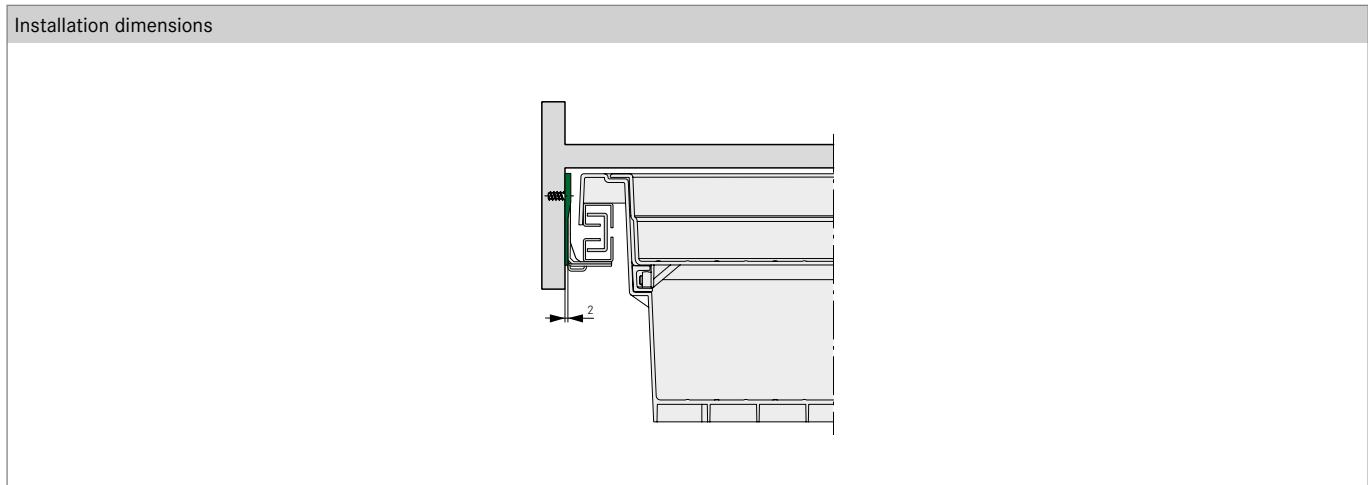
Packaging unit (PU):
103 = 4 items in PE

ORDER INFORMATION

Spacer plate, thickness 2 mm Single item: Can be used on left/right	
Art.-no. F092083199	PU 103

INSTALLATION INFORMATION

All dimensions in millimetres

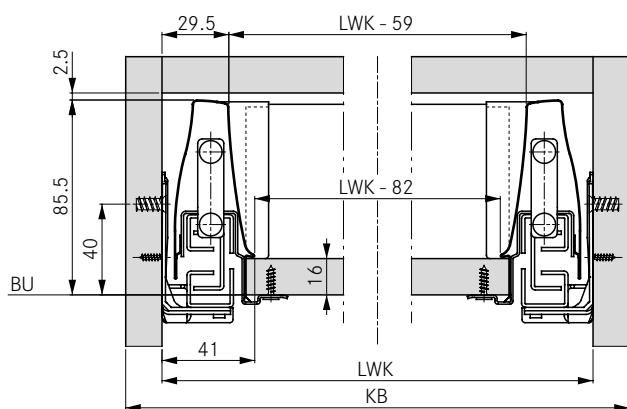
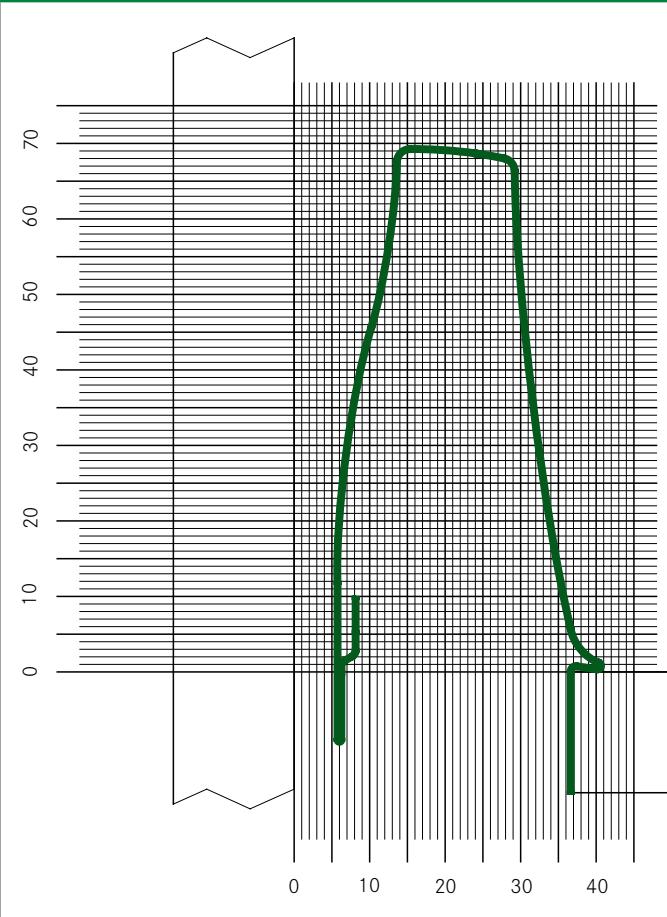


LEGEND

KB	Cabinet width
NL	Nominal length
S	Cabinet side wall

INSTALLATION INFORMATION

Dimensions for drawer insert H95



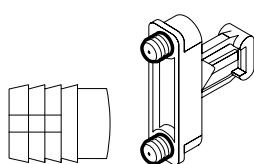
PAGE REFERENCES

Drawer sides	11	Accessories	70	Organising systems	103
Slides	50	Application examples	72	Assembly technology	124
Add-on systems	64	Sensomatic	81	Assembly aids	128

INSTALLATION ADVICE

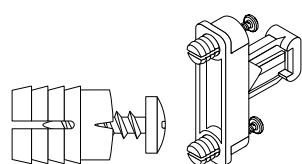
Front holder with press-fit dowels Ø 10 x 12 mm

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

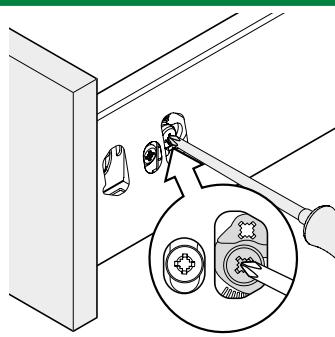
Alternatively it is possible to use front holders with expansion dowels, which do not require countersinking and still guarantee optimum pull-out force.



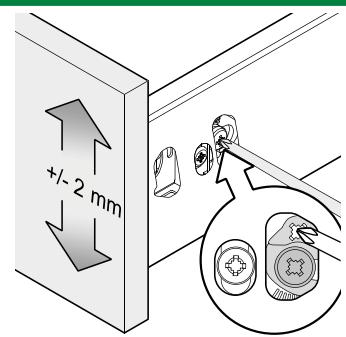
ADJUSTMENTS

Eccentric height adjustment on both sides

Release locking screws on both sides.

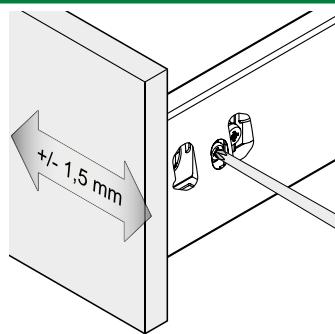


Adjust front panel and re-tighten locking screws.



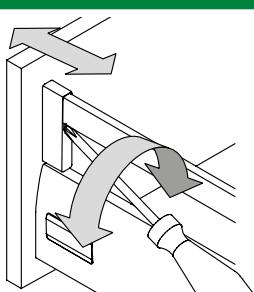
Side adjustment, right

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

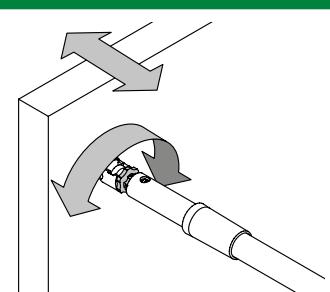


Front tilt angle adjustment

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.



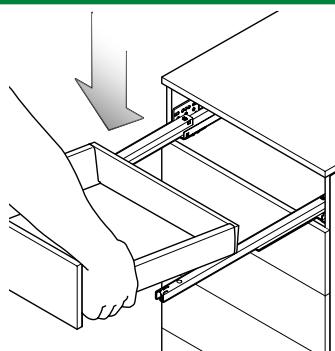
LEGEND

BU	Bottom edge
KB	Cabinet width
LWK	Inside cabinet width

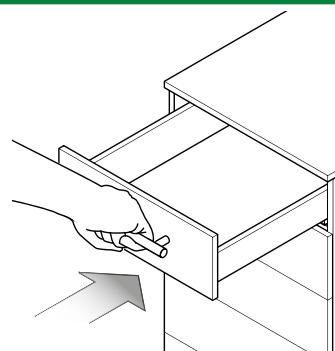
MOUNTING/DISMOUNTING

Inserting the drawer

Place the drawer on the extended slides.

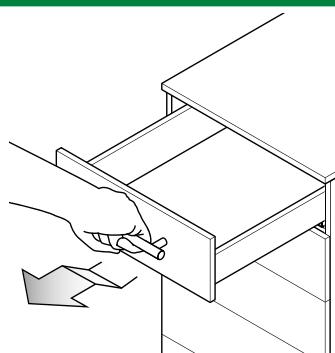


Slightly lift the drawer at the front and then push fully closed.
The drawer engages automatically!

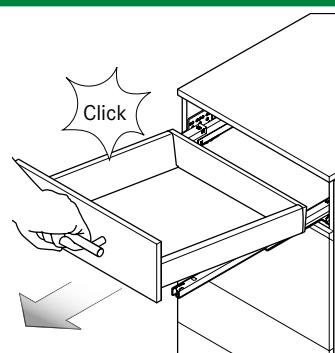


Removing the drawer

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

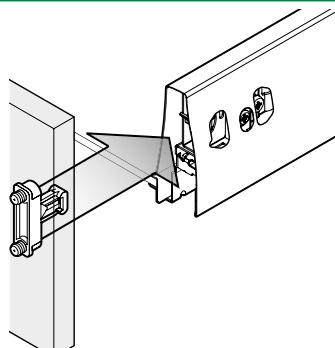


Pull firmly **horizontally** until the drawer audibly disengages, then lift off.



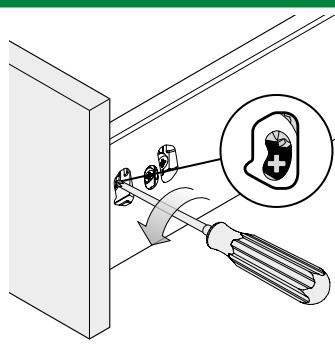
Front panel installation

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

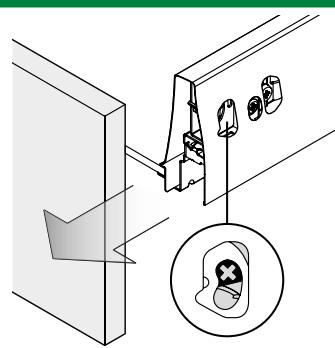


Removing the front panel

Use Pozidriv No. 2 to release.



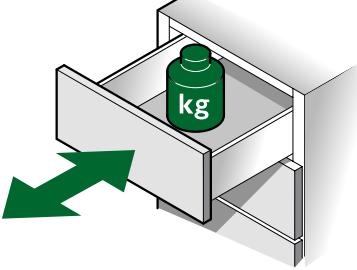
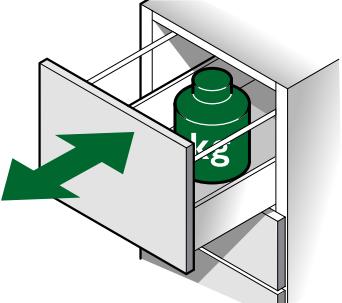
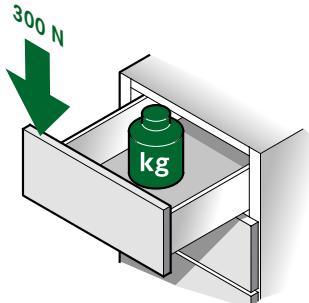
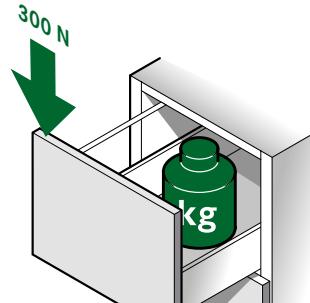
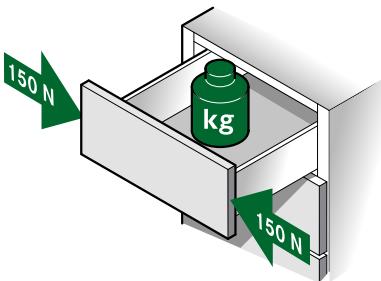
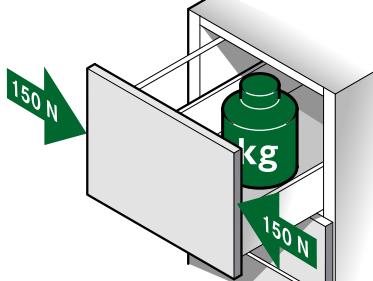
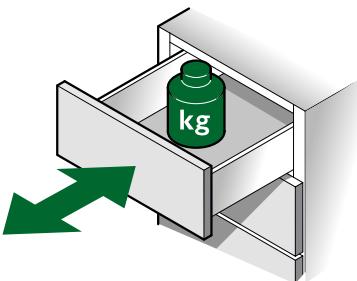
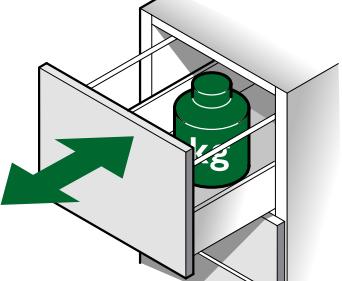
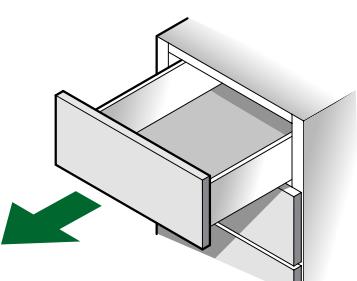
The front panel is now released and can be removed.
Where a front-bottom connector is used, release the connector!



PAGE REFERENCES

Drawer sides	11	Accessories	70	Organising systems	103
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Add-on systems	64	Sensomatic	81	Assembly aids	128

TEST CRITERIA FOR DRAWERS

Durability test 100,000 open and close movements		
Static vertical overload test 10 times 10 seconds in a fully open condition, additional corner load 300 N		
Static horizontal overload test 5 x 10 seconds, full extended, right/left alternating, additional load on front 150 N		
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		
Pull-out safety 200 N Static overload of the end fittings in an open condition 10 times with 200 N		

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



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 SENSONOMATIC

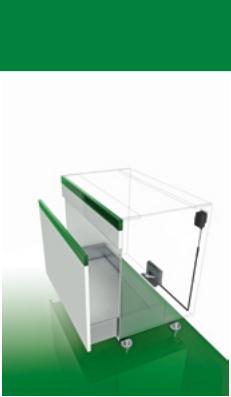
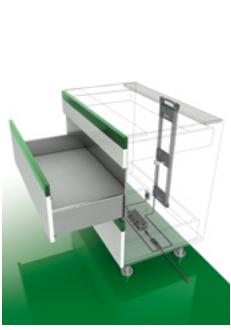
Electro-mechanical opening of regular and pot drawers.
For a balance between stylish design and functional comfort.

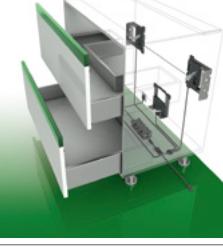
Product designation	Page
DWD XP Sensomatic single set	84
Standard cabinet with horizontal wooden stretcher	86
Standard cabinet with vertical wooden stretcher	88
Single drawer with overhead frame set mounting	90
Single drawer with back panel frame set mounting	92
Sink cabinet with bottom panel frame set mounting	94
Sink cabinet with side panel frame set mounting	96

Installation instructions	98
Assembly aids	128

DWD XP SENSONOMATIC

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

	Product description	Page
	DWD XP Sensomatic single set <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)	84
	Standard cabinet with horizontal wooden stretcher <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	86
	Standard cabinet with vertical wooden stretcher <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	88
	Single drawer with overhead frame set mounting <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	90

	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 1200 mm • Large trigger range 	92
	<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 1200 mm • Large trigger range 	94
	<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 1200 mm • Large trigger range 	96

DWD XP SENOMATIC

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

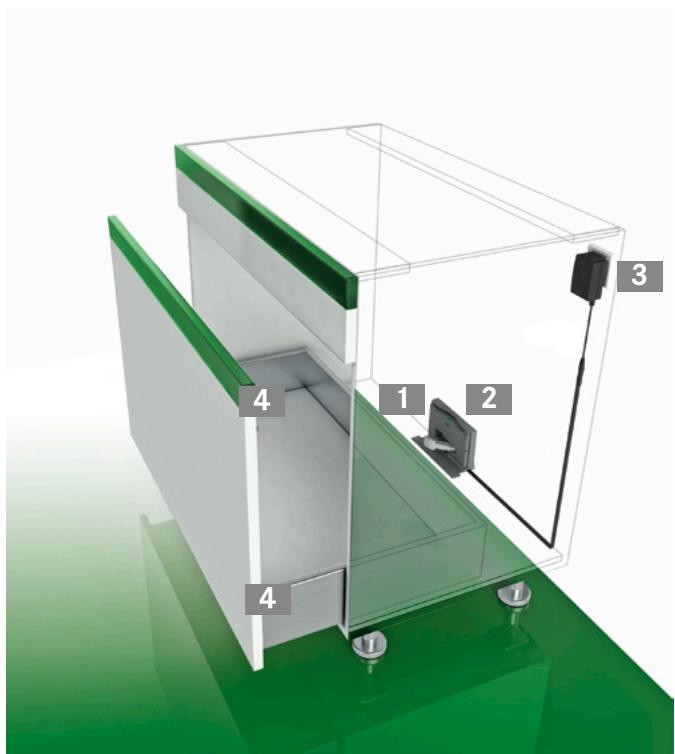
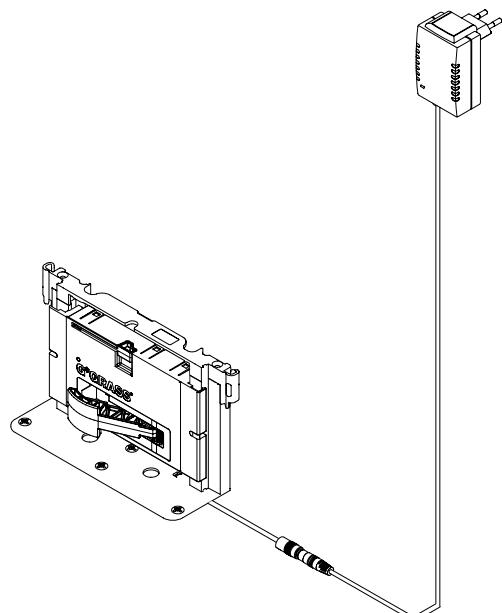
ORDER INFORMATION

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)

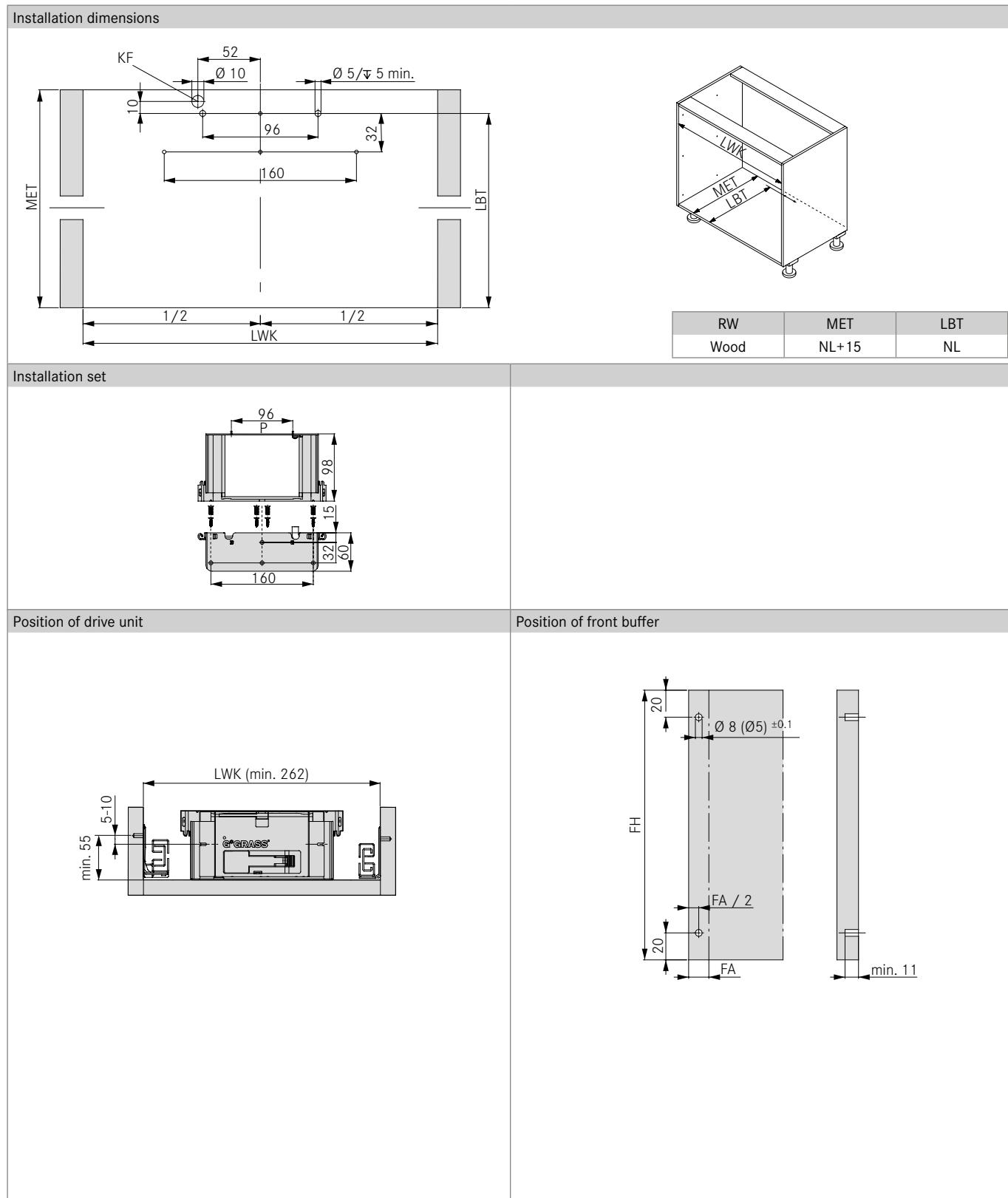
drilling and installation instructions (1x)



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Drawer sides	11	Add-on systems	64	Installation instructions	98
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INSTALLATION INFORMATION



LEGEND

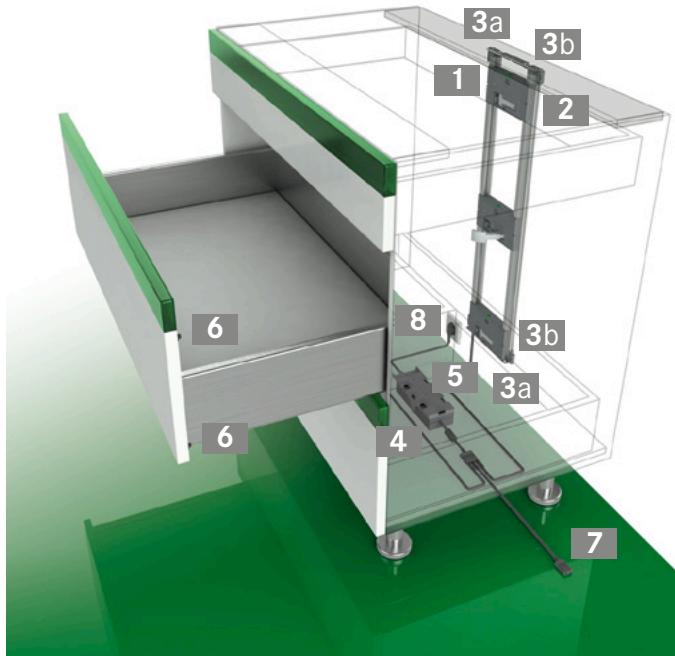
FA	Front overlay	LWK	Inside cabinet width	RW	Back panel
FH	Height of front	MET	Minimum installation depth		
KF	Cable routing	NL	Nominal length		
LBT	Depth of hole pattern	P	Positioning aid		

DWD XP SENOMATIC

Standard cabinet horizontal wooden stretcher

ORDER INFORMATION

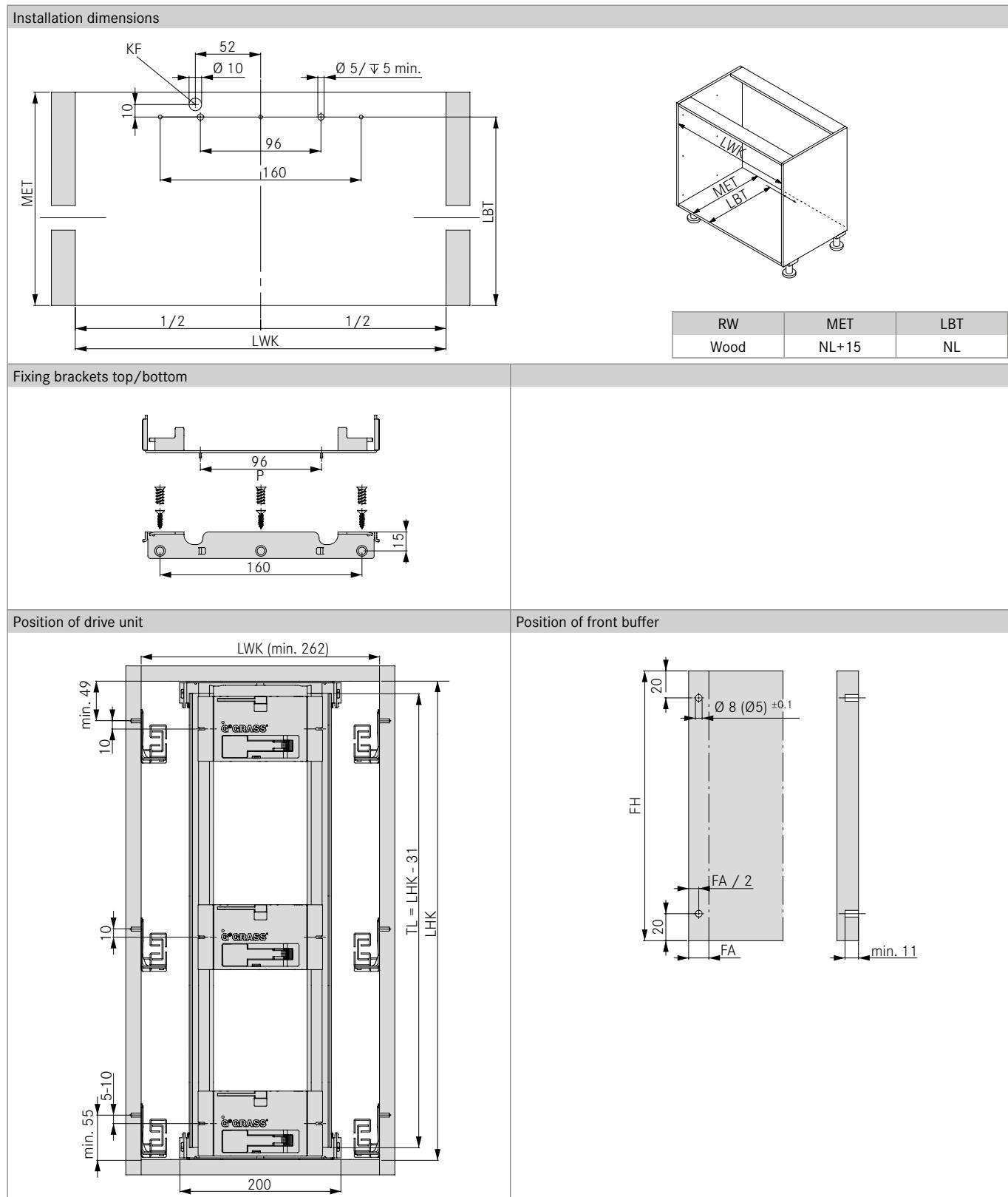
1 Drive unit				
	Art.-no.	PU		
for DWD XP	F121100409	607		
2 Frame sides including frame side cable				
	Length	Art.-no.		
	653	F121100284		
	750	F121100285		
	1170	F121100286		
3 Fastening set consisting of: items 3a (2x) and 3b (2x)				
	Art.-no.	PU		
	F121100610	507		
3b Fixing brackets top/bottom				
	Art.-no.	PU		
	F121100270	211		
5 Power supply unit holder				
	Art.-no.	PU		
	F121100604	507		
4 Power supply unit				
	Art.-no.	PU		
	F121109970	607		
6 Front buffer, spring-loaded				
	Ø	Front gap	Art.-no.	PU
	5		F121100295	223
	8	3	F121100298	223
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			
Plug	Art.-no.	PU		
Power supply cable K (USA, CAN)	F120069760	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		
without plug	F120069767	207		



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Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION



LEGEND

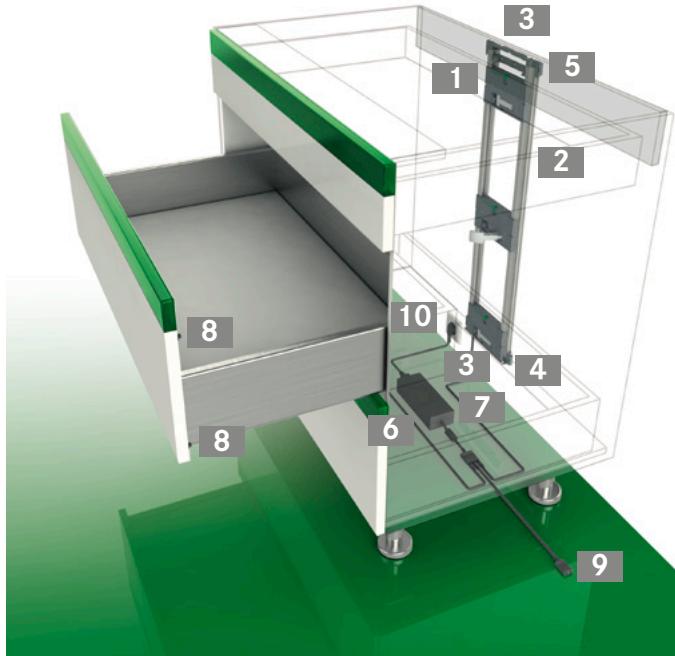
FA	Front overlay	LHK	Inside cabinet height	P	Positioning aid
FH	Height of front	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth	TL	Length of frame side
LBT	Depth of hole pattern	NL	Nominal length		

DWD XP SENOMATIC

Standard cabinet vertical wooden stretcher

ORDER INFORMATION

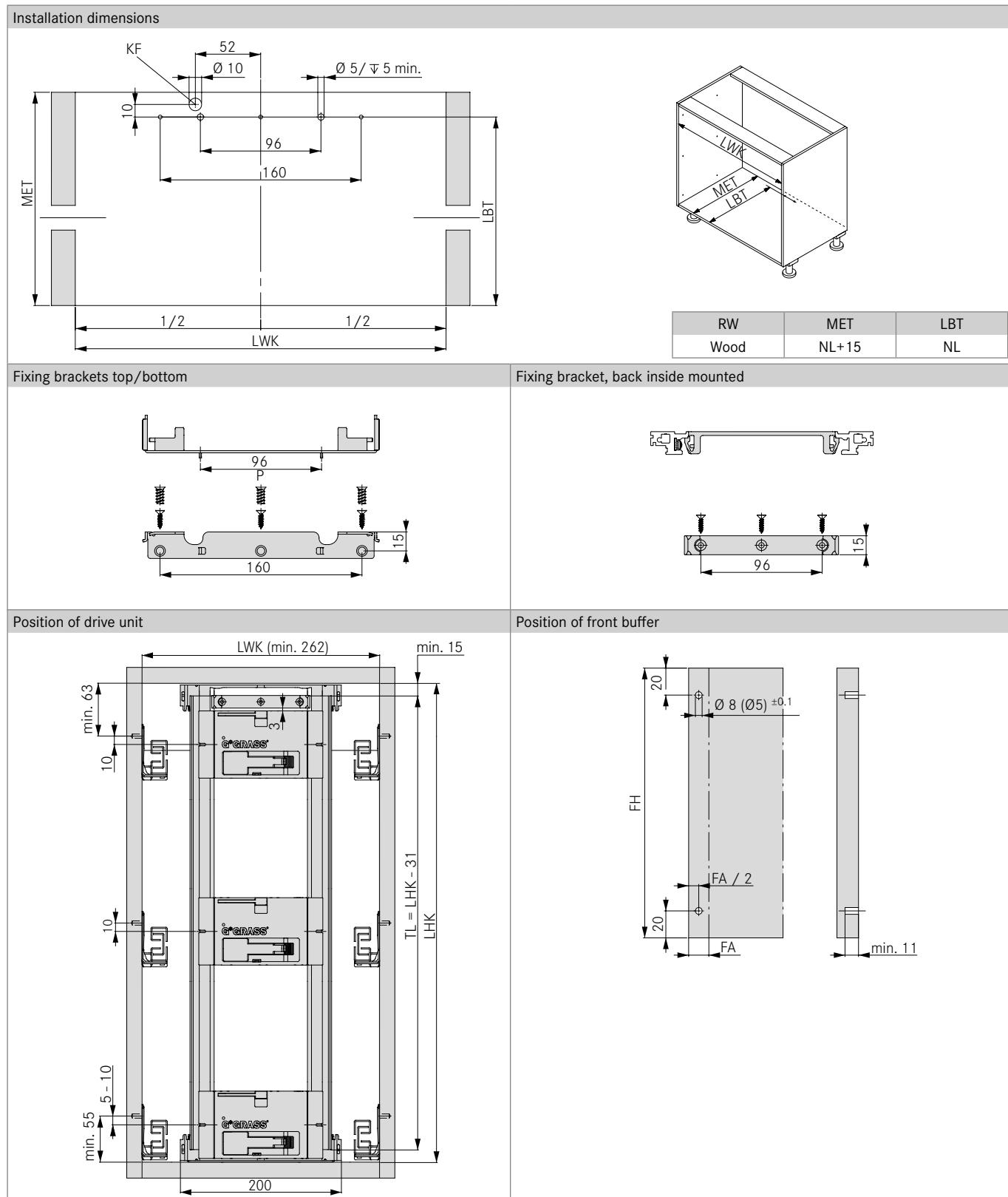
1 Drive unit			
for DWD XP	Art.-no.	PU	
	F121100409	607	
2 Frame sides including frame side cable			
Length	Art.-no.	PU	
653	F121100284	207	
750	F121100285	207	
1170	F121100286	207	
3 Frame connector			
	Art.-no.	PU	
	F121100282	211	
4 Fixing brackets top/bottom			
	Art.-no.	PU	
	F121100270	211	
5 Fixing bracket, back inside mounted			
	Art.-no.	PU	
	F121100275	207	
6 Power supply unit			
	Art.-no.	PU	
	F121109970	607	
7 Power supply unit holder			
	Art.-no.	PU	
	F121100604	507	
8 Front buffer, spring-loaded			
Ø	Front gap	Art.-no.	PU
5	3	F121100295	223
8		F121100298	223
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			
Plug	Art.-no.	PU	
Power supply cable K (USA, CAN)	F120069760	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	
without plug	F120069767	207	



PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Installation instructions	98
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Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION



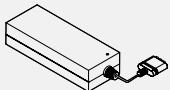
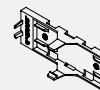
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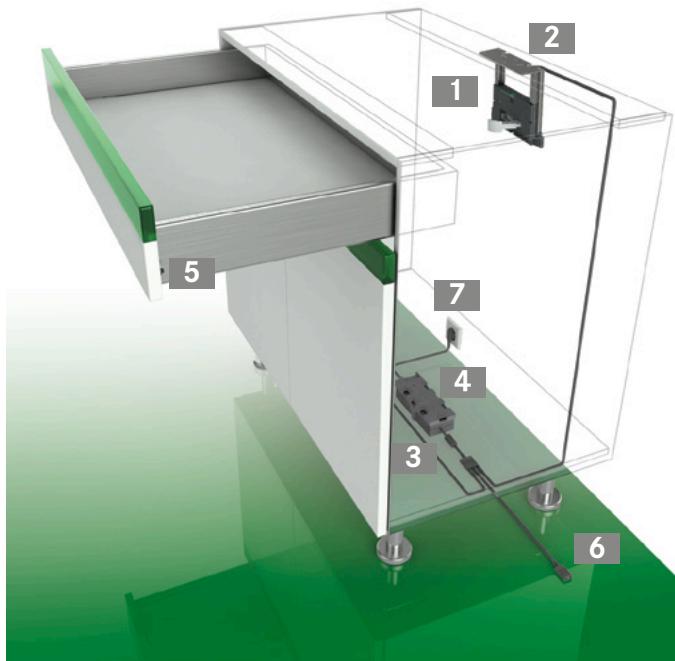
FA	Front overlay	LHK	Inside cabinet height	P	Positioning aid
FH	Height of front	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth	TL	Length of frame side
LBT	Depth of hole pattern	NL	Nominal length		

DWD XP SENOMATIC

Single drawer with overhead frame set mounting

ORDER INFORMATION

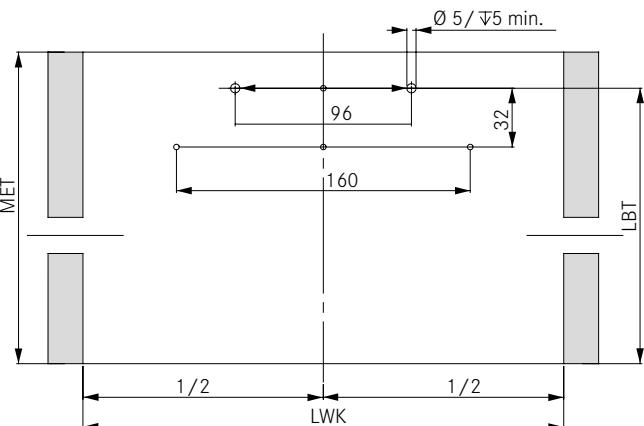
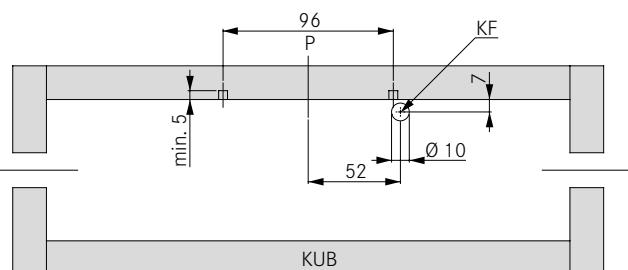
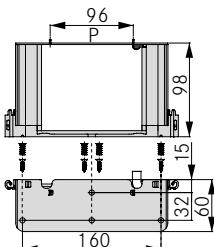
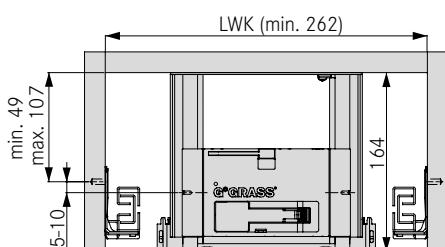
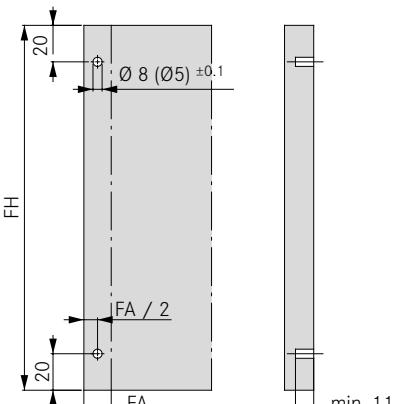
1	Drive unit		
		Art.-no.	PU
for DWD XP		F121100409	607
2	Installation set		
		Art.-no.	PU
		F121100273	207
3	Power supply unit		
		Art.-no.	PU
		F121109970	607
4	Power supply unit holder		
		Art.-no.	PU
		F121100604	507
5	Front buffer, spring-loaded		
		Ø	Front gap
	5		3
	8		
		F121100295	223
		F121100298	223
6	Connection cable with 2-way adapter		
		Length	Art.-no.
	600		F121100288
	1000		F121100289
	2000		F121100291
7	Power supply cable	 K A E L D	
		Plug	Art.-no.
		Power supply cable K (USA, CAN)	F120069760
		Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761
		Power supply cable E (DK)	F120069763
		Power supply cable L (CH)	F120069765
		Power supply cable D (UK, AE, MY)	F120069766
		without plug	F120069767
			207



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INSTALLATION INFORMATION

Installation dimensions		
		
	RW Wood	MET NL+15
Installation set		
		
Position of drive unit		Position of front buffer
		

LEGEND

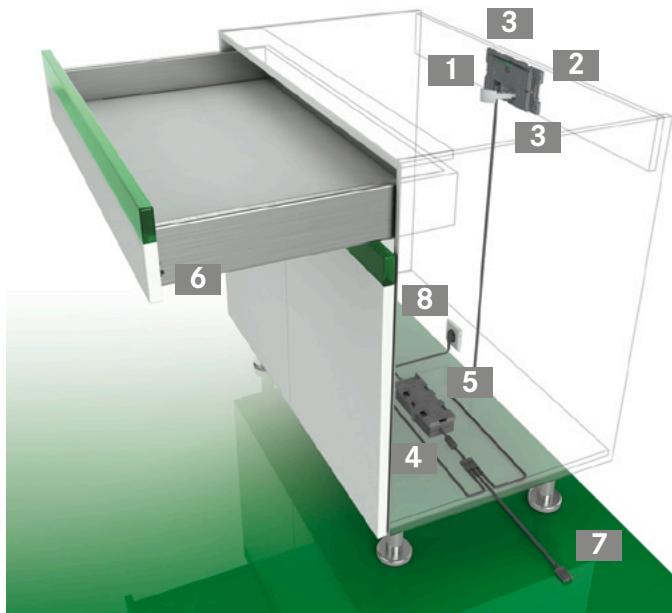
FA	Front overlay	LBT	Depth of hole pattern	P	Positioning aid
FH	Height of front	LWK	Inside cabinet width	RW	Back panel
KF	Cable routing	MET	Minimum installation depth		
KUB	Cabinet base	NL	Nominal length		

DWD XP SENOMATIC

Single drawer with back panel frame set mounting

ORDER INFORMATION

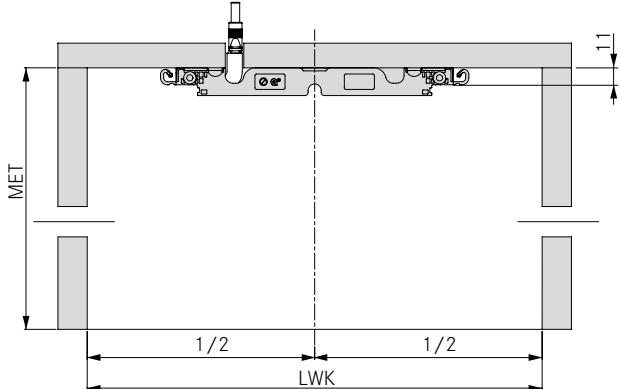
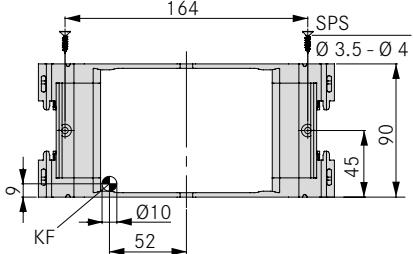
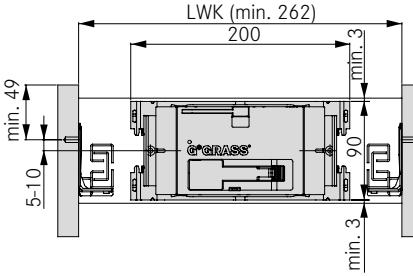
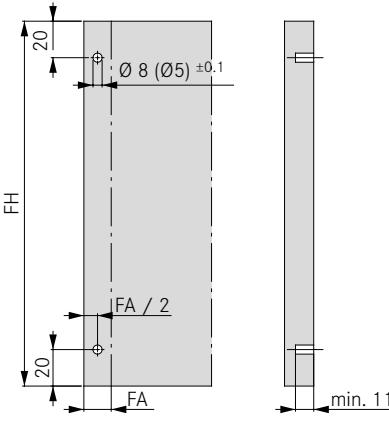
1 Drive unit				
for DWD XP	Art.-no.	PU		
	F121100409	607		
2 Frame sides for back panel frame set mounting including hole drilling				
	Art.-no.	PU		
	F121100283	207		
3 Frame connector				
	Art.-no.	PU		
	F121100282	211		
4 Power supply unit				
	Art.-no.	PU		
	F121109970	607		
5 Power supply unit holder				
	Art.-no.	PU		
	F121100604	507		
6 Front buffer, spring-loaded				
	Ø	Front gap	Art.-no.	PU
	5	3	F121100295	223
	8		F121100298	223
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				
Plug	Art.-no.	PU		
Power supply cable K (USA, CAN)	F120069760	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		
without plug	F120069767	207		



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INSTALLATION INFORMATION

Installation dimensions					
	<table border="1"> <tr> <td>RW</td> <td>MET</td> </tr> <tr> <td>Wood</td> <td>NL+15</td> </tr> </table>	RW	MET	Wood	NL+15
RW	MET				
Wood	NL+15				
Frame sides					
					
Position of drive unit	Position of front buffer				
					

LEGEND

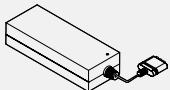
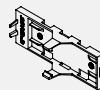
FA	Front overlay
FH	Height of front
KF	Cable routing
LWK	Inside cabinet width

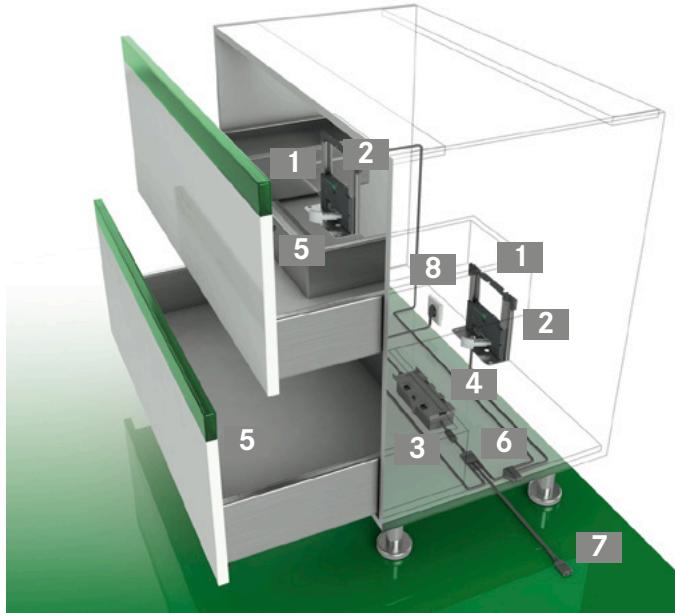
MET	Minimum installation depth
NL	Nominal length
RW	Back panel
SPS	Chipboard screw

DWD XP SENOMATIC

Sink cabinet with bottom panel frame set mounting

ORDER INFORMATION

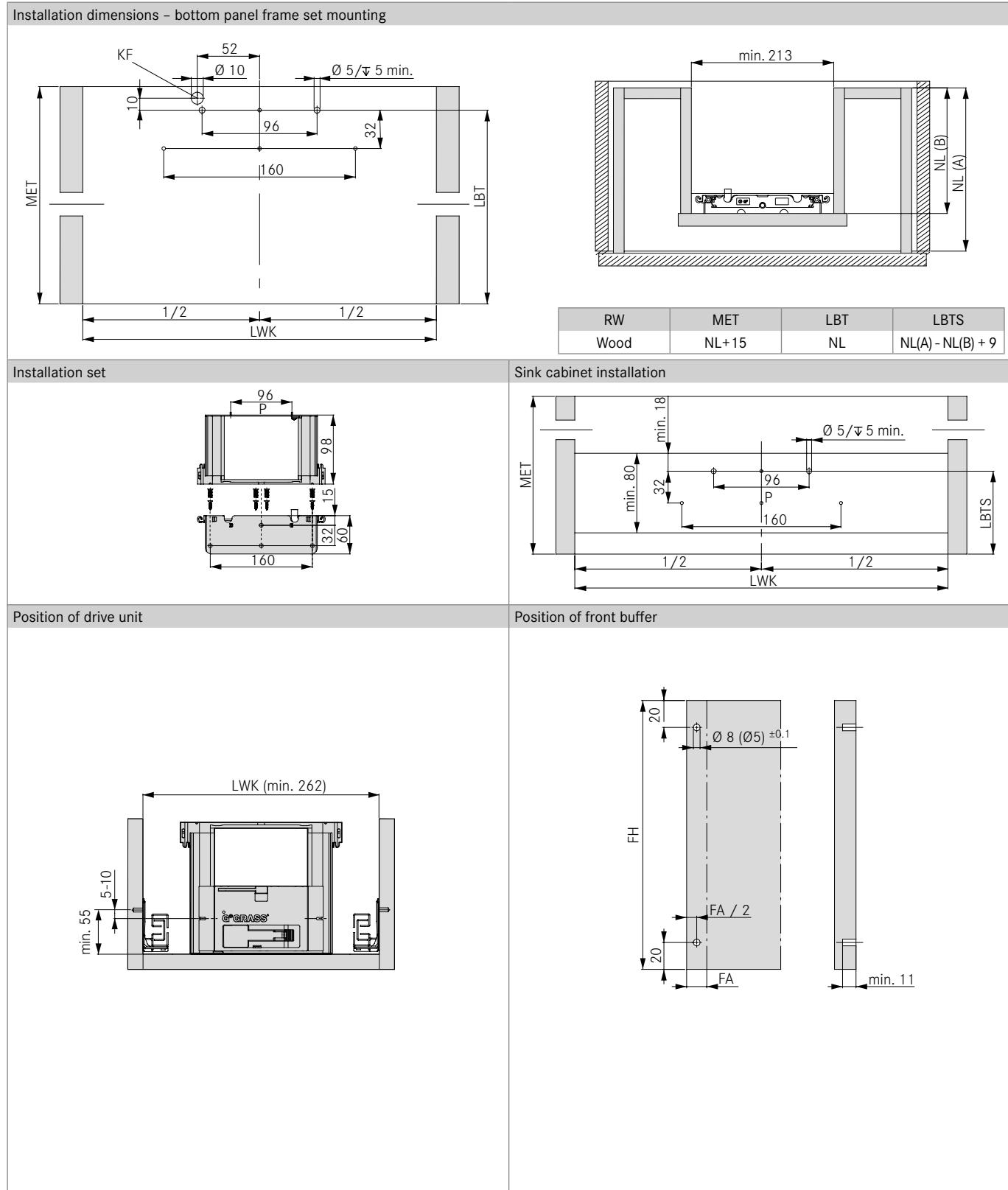
1	Drive unit		2	Installation set	
	for DWD XP	Art.-no.	PU		
		F121100409	607		
3	Power supply unit		4	Power supply unit holder	
		Art.-no.	PU		
		F121109970	607		
5	Front buffer, spring-loaded		6	4-way adapter	
Ø	Front gap	Art.-no.	PU		
5	3	F121100295	223		
8		F121100298	223		
7	Connection cable with 2-way adapter				
Length		Art.-no.	PU		
600		F121100288	207		
1000		F121100289	207		
2000		F121100291	207		
8	Power supply cable				
Plug		Art.-no.	PU		
Power supply cable K (USA, CAN)		F120069760	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		
without plug		F120069767	207		



PAGE REFERENCES

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INSTALLATION INFORMATION



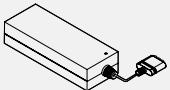
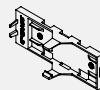
LEGEND

FA	Front overlay	LBTS	Sink drawer, 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		
LBT	Depth of hole pattern	NL	Nominal length		

DWD XP SENOMATIC

Sink cabinet with side panel frame set mounting

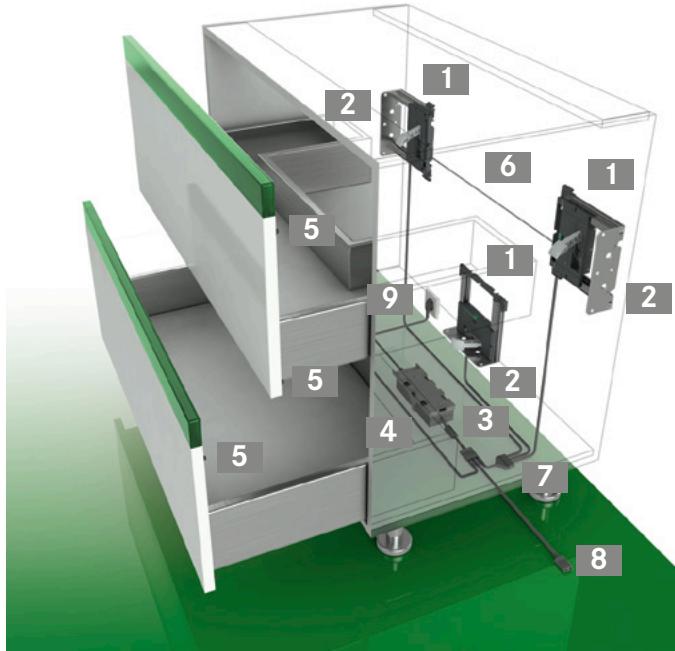
ORDER INFORMATION

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
		F121109970	607
4	Power supply unit holder		
		Art.-no.	PU
		F121100604	507
5	Front buffer, spring-loaded		
Ø	Front gap	Art.-no.	PU
5	3	F121100295	223
8		F121100298	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		
Plug		Art.-no.	PU
Power supply cable K (USA, CAN)		F120069760	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
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

Installation dimensions – bottom panel frame set mounting	Installation dimensions – side panel frame set mounting			
<table border="1"> <tr> <td>RW Wood</td> <td>MET NL+15</td> <td>LBT NL</td> </tr> </table>	RW Wood	MET NL+15	LBT NL	
RW Wood	MET NL+15	LBT NL		
Installation set				
Position of drive unit, bottom panel frame set mounting	Position of front buffer			
Position of drive unit, side panel frame set mounting				

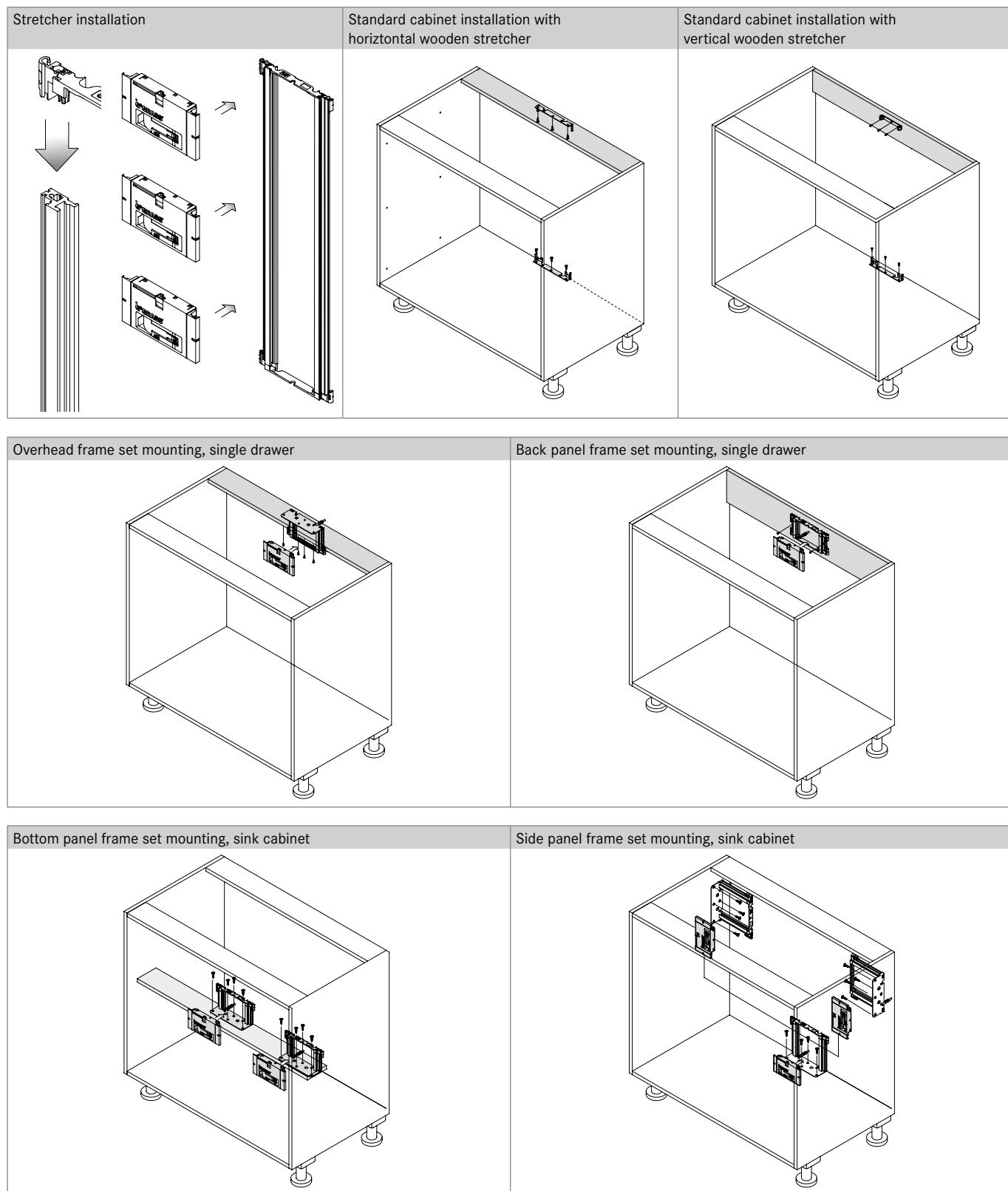
LEGEND

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

DWD XP SENOMATIC

Installation instructions

INSTALLATION INSTRUCTIONS

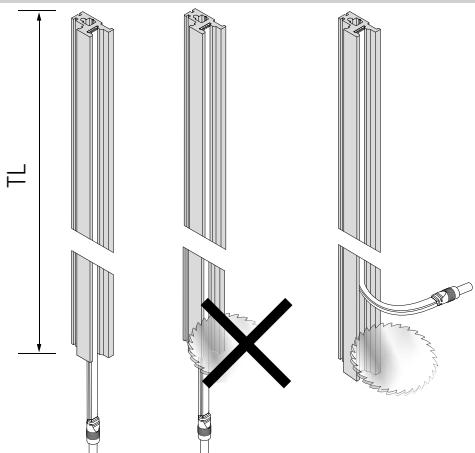


PAGE REFERENCES

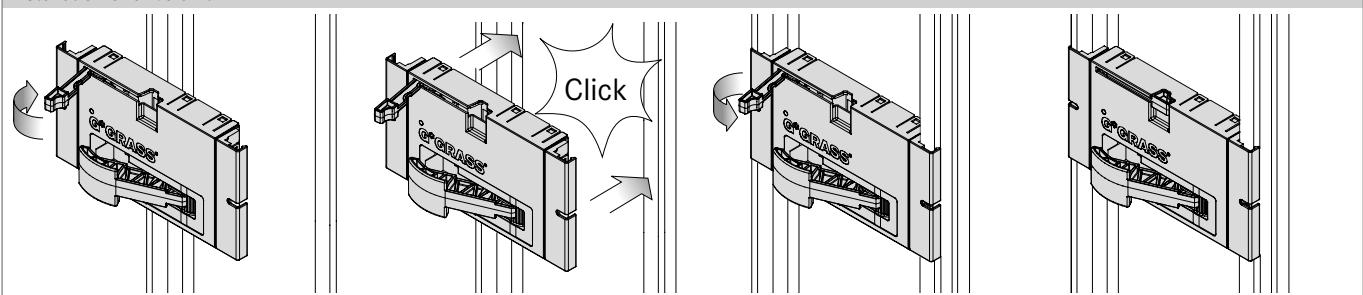
Drawer sides	11	Vertical wooden stretcher	88	Bottom panel frame set mounting	94
Slides	50	Overhead frame set mounting	90	Side panel frame set mounting	96
Horizontal wooden stretcher	86	Back panel frame set mounting	92	Assembly technology	124

INSTALLATION INSTRUCTIONS

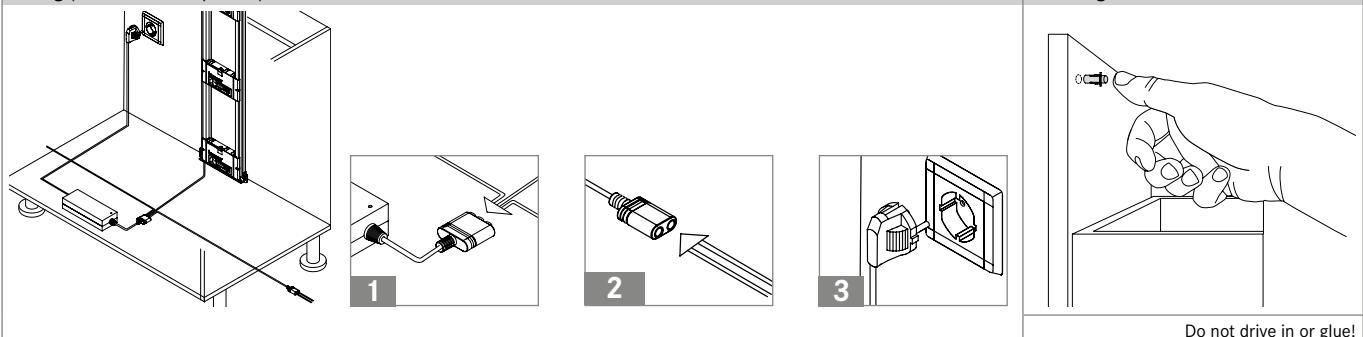
Cutting stretcher to length (horizontal and vertical wooden stretcher)



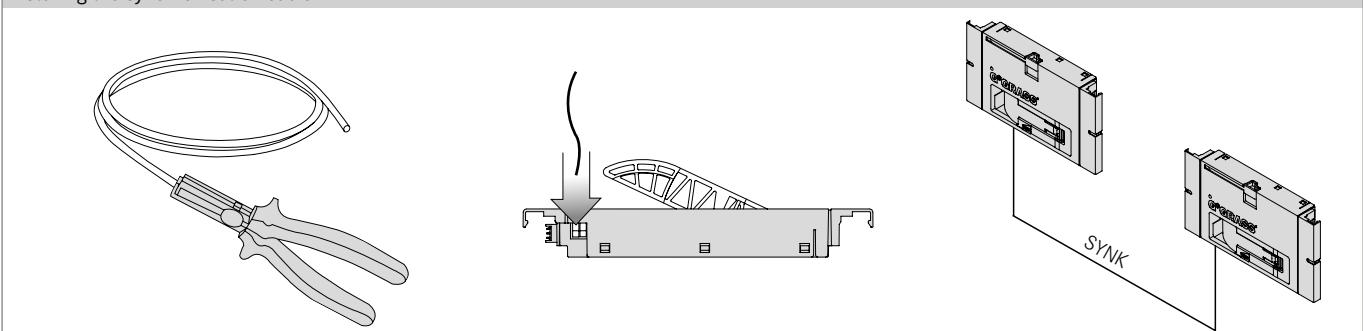
Installation of drive unit



Wiring (connection sequence)



Installing the synchronisation cable



LEGEND

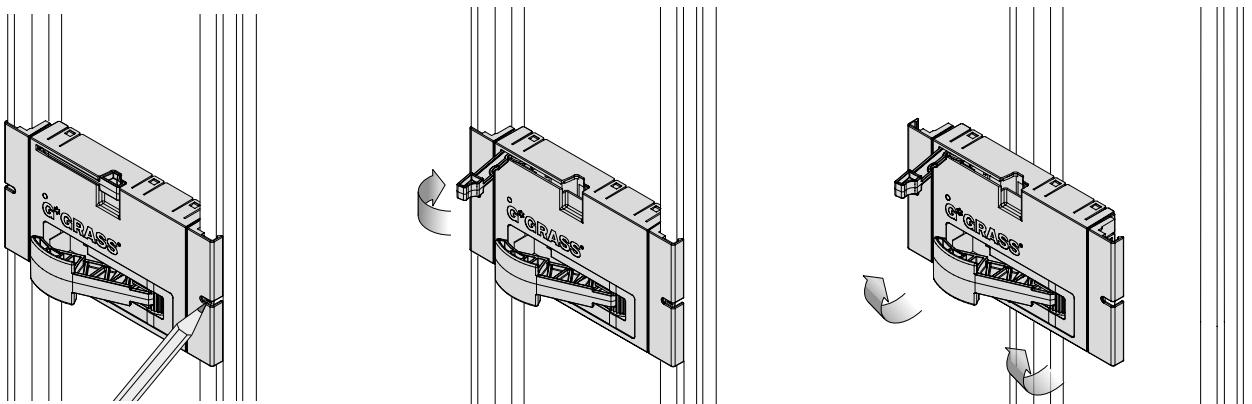
SYNK	Synchronisation cable
TL	Length of frame side

DWD XP SENOMATIC

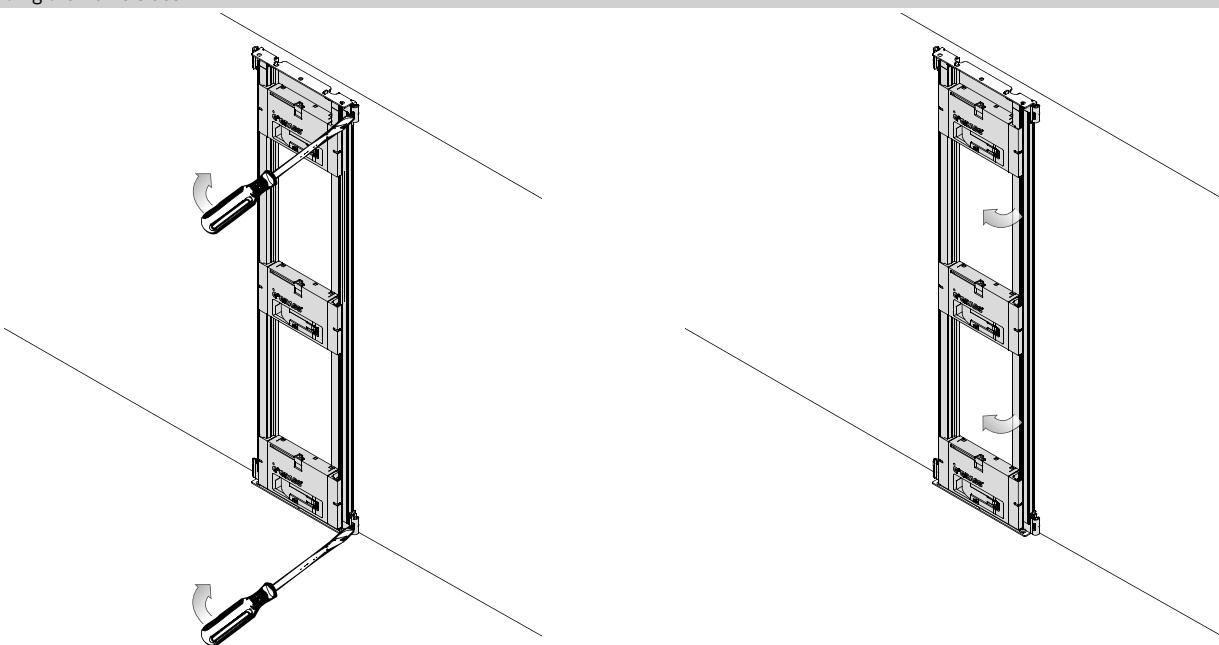
Dismantling instructions

DISMOUNTING

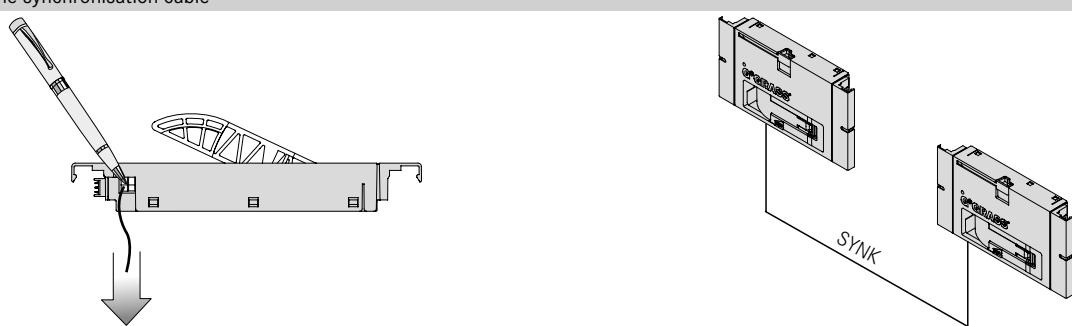
Dismantling the drive unit



Dismantling the frame sides



Dismantling the synchronisation cable

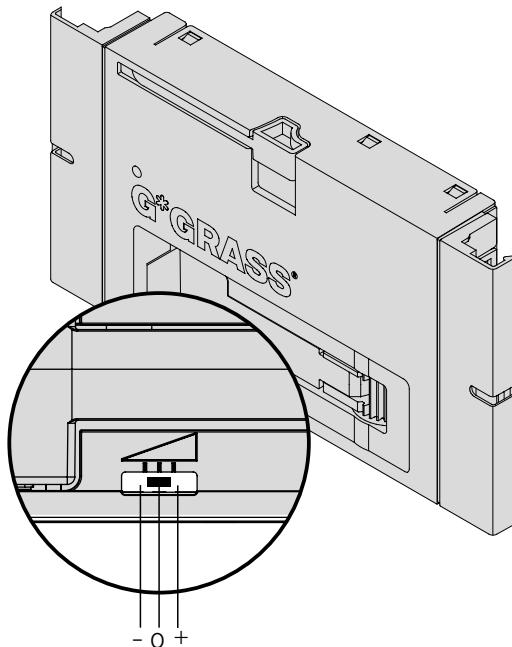


PAGE REFERENCES

Drawer sides	11	Vertical wooden stretcher	88	Bottom panel frame set mounting	94
Slides	50	Overhead frame set mounting	90	Side panel frame set mounting	96
Horizontal wooden stretcher	86	Back panel frame set mounting	92	Assembly technology	124

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

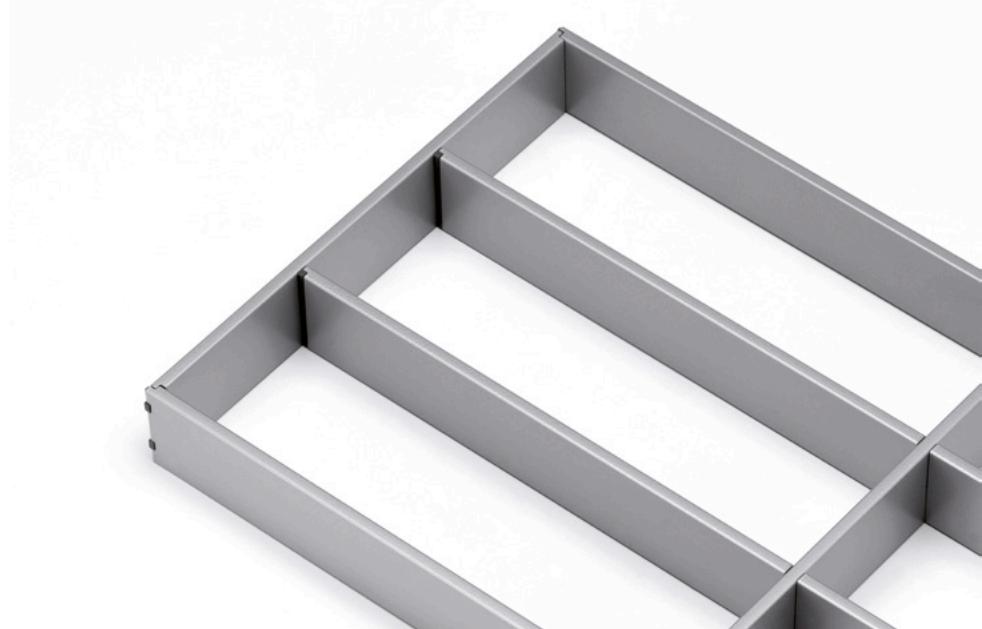
SYNK Synchronisation cable



Tavinea Sorto.

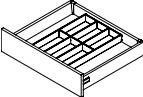
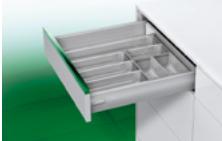
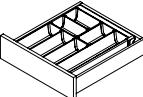
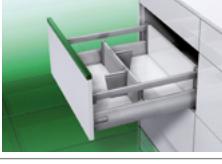
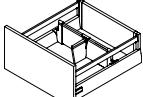
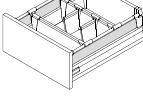
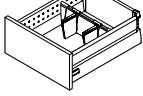
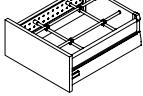
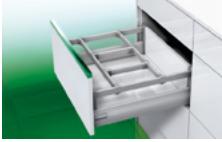
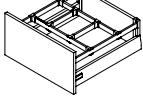
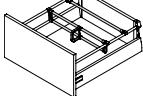
Simple. Attractive. Tidy.

The high-quality frame elements are made up of 6 mm narrow metal profiles, making the new interior accessory system with its modern graphical design both functional and attractive. In addition, the innovative corner connection of the frames ensures firm attachment to the base and scratch-free positioning at the side walls. Order can also be attractive. Purist, sleek design, matt surfaces, timeless colours – the understated elegance of Tavinea Sorto ensures that drawers look attractive whether in the kitchen, bathroom, living room or bedroom.



DIVIDING AND ORGANISING SYSTEMS

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

	Product description		Page
	Tavinea Sorto <ul style="list-style-type: none"> • Modular interior accessory system • Perfect organisation for drawers with cutlery and small items • High-quality frames and divider rails made of powder-coated steel 		104
	Magic Sorto <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
	DWD XP Magic Optima for pot drawer division <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 		112
	DWD XP Magic Optima for Variowing and round railing <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 		114
	DWD XP Magic Optima for Duowing <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 		116
	DWD XP Magic Classic for Duowing <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 		118
	DWD XP rectangular railing divider <ul style="list-style-type: none"> • Divider profile for cutting to length • Easy installation without tools • Can be retrofitted at any time 		120
	DWD XP round railing divider and bottle holder <ul style="list-style-type: none"> • Easy installation without tools • Can be retrofitted at any time • Extendable with double railing or bottle holder 		122

TAVINEA SORTO

Interior accessory system



- Perfect organisation for cutlery and small items
- High-quality frames and divider rails made of powder-coated steel
- Innovative anti-slip device ensures firm seating on the base panel

Packaging unit (PU):

201 = 1 unit in a cardboard box

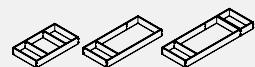
207 = 10 units in a cardboard box

Notes:

- Tavinea Sorto B186 can be used with cabinet widths from 300
- Tavinea Sorto B276 can be used with cabinet widths from 400

ORDER INFORMATION

1 Tavinea Sorto B186
Single item



NL	Silver grey		Graphite					
	Art.-no.	PU	Art.-no.	PU				
350	F007130148	201			F007130149	201		
400	F007130151	201			F007130152	201		
450	F007130154	201			F007130155	201		
500	F007130157	201			F007130158	201		
550	F007130160	201			F007130161	201		
600	F007130163	201			F007130164	201		
650	F007130166	201			F007130167	201		

2 Tavinea Sorto B276
Single item



NL	Silver grey		Graphite					
	Art.-no.	PU	Art.-no.	PU				
400	F007130130	201			F007130131	201		
450	F007130133	201			F007130134	201		
500	F007130136	201			F007130137	201		
550	F007130139	201			F007130140	201		
600	F007130142	201			F007130143	201		
650	F007130145	201			F007130146	201		

3 Tavinea Sorto divider rail
Single item



NL	Silver grey		Graphite					
	Art.-no.	PU	Art.-no.	PU				
350	F007130169	207			F007130170	207		
400	F007130172	207			F007130173	207		
450	F007130175	207			F007130176	207		
500	F007130178	207			F007130179	207		
550	F007130181	207			F007130182	207		
600	F007130184	207			F007130185	207		
650	F007130187	207			F007130188	207		

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	106	Assembly aids	128
Flat packs	58	Installation information	108	Packaging code	131

1 Tavinea Sorto B186



NL 350



NL 400 - 500

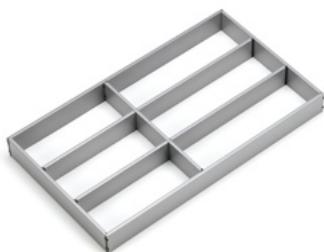


NL 550 - 650

2 Tavinea Sorto B276



NL 400



NL 450 - 500

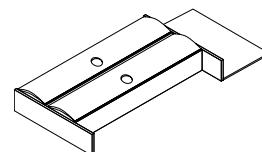
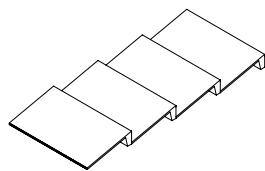
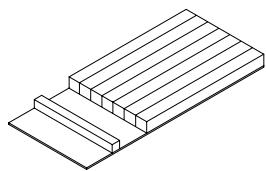


NL 550 - 650

3 Tavinea Sorto divider rail



Tavinea Sorto accessories see page 106



LEGEND

B	Width
KB	Cabinet width
NL	Nominal length

TAVINEA SORTO

Accessories



- The right accessories for all requirements
- Knives, spice jars, cooking foil, cutlery or Eau de Toilette – with Tavinea Sorto accessories, everything has its perfect place
- High-quality materials: Aluminium and solid wood

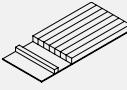
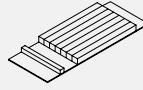
Packaging unit (PU):

201 = 1 unit in a cardboard box

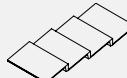
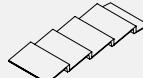
Note:

Accessories are hygiene-tested and non-toxic

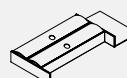
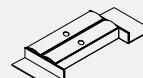
ORDER INFORMATION

1	Knife block Single item					
Material	NL 450	PU	NL 500	PU	NL 550 ¹	PU
Light ash	F007108661	201	F007102418	201	F007102418 F007108659	201
Dark ash	F007108662	201	F007102424	201	F007102424 F007108660	201

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

2	Spice rack Single item					
Material			NL 500	PU	NL 550 ¹	PU
Light ash			F007102420	201	F007102420 F007108659	201
Dark ash			F007102426	201	F007102426 F007108660	201

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

3	Foil holder Single item					
Material			NL 500	PU	NL 550 ¹	PU
Light ash			F007102422	201	F007102422 F007108659	201
Dark ash			F007102428	201	F007102428 F007108660	201

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

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
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1 Knife block



2 Spice rack



3 Foil holder



LEGEND

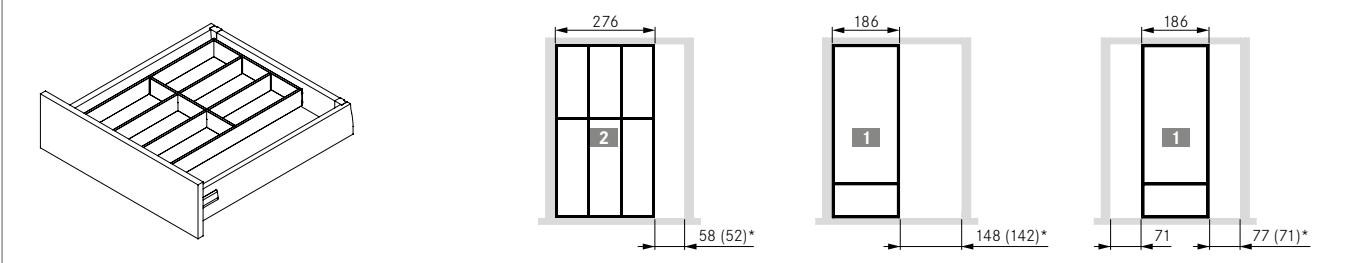
NL Nominal length

TAVINEA SORTO

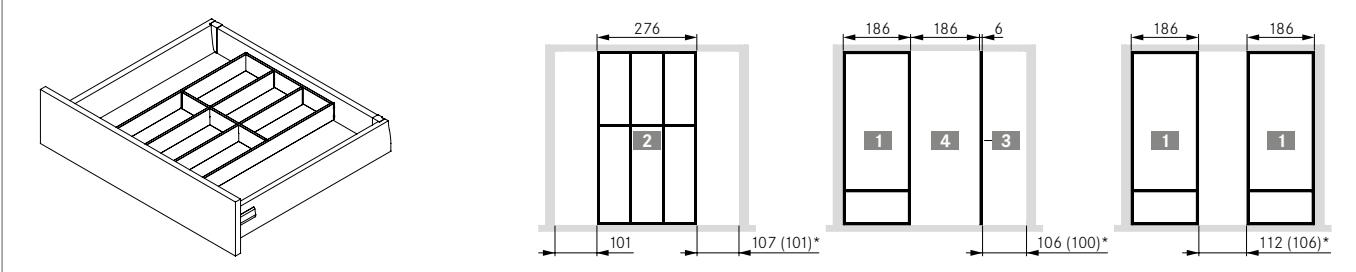
Installation information

APPLICATION EXAMPLES

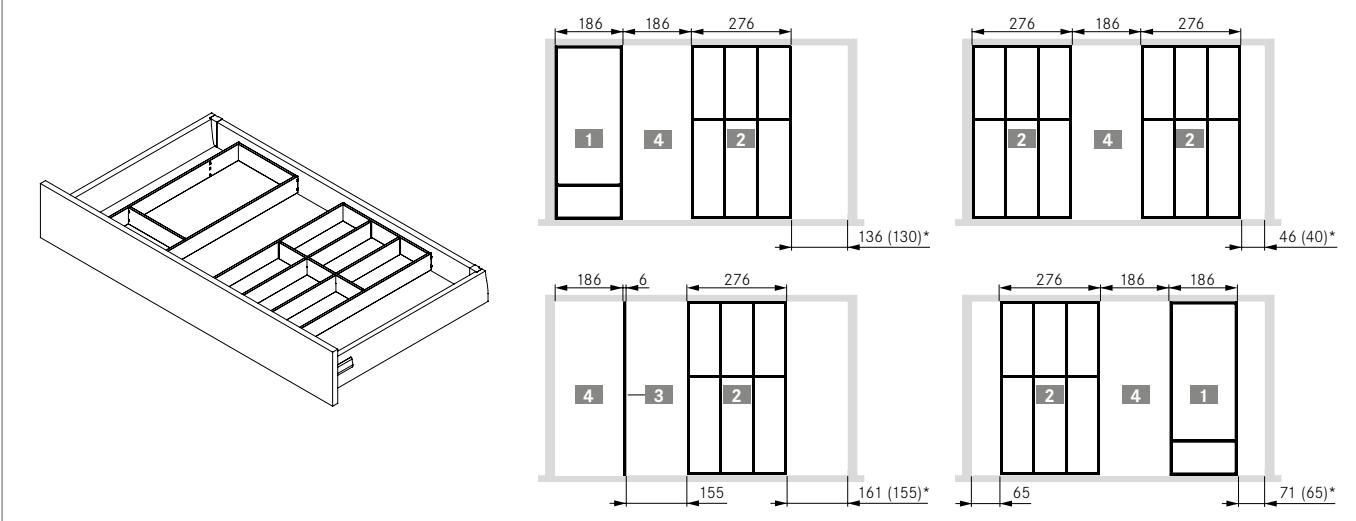
KB 450



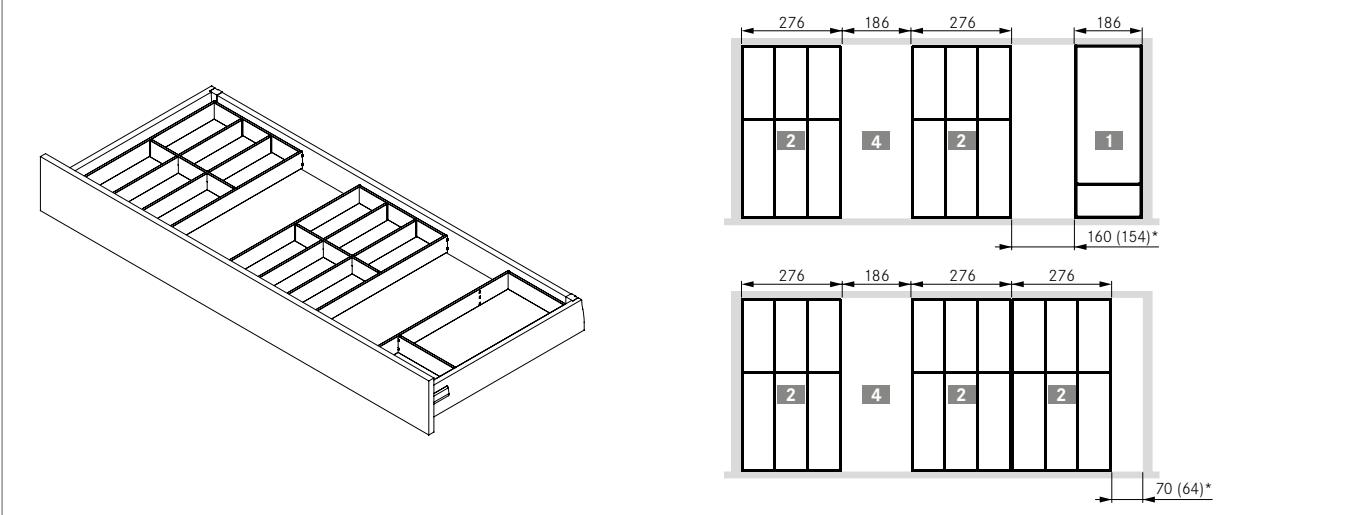
KB 600



KB 900

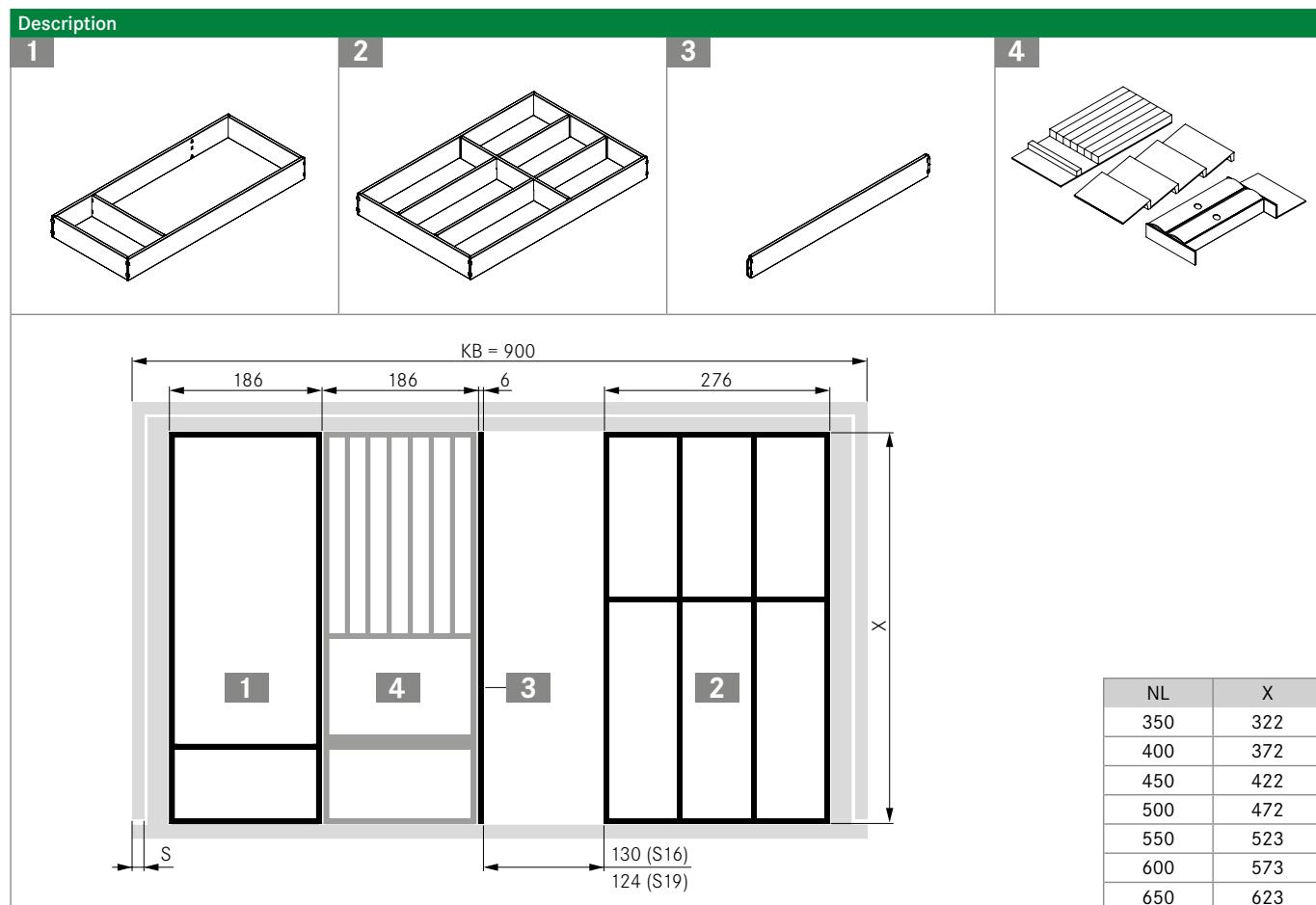


KB 1200



* S16 (S19)

APPLICATION EXAMPLE



INSTALLATION INFORMATION

Description	
<p>KB = 900</p> <p>LWS = KB - (2 x S) - (2 x 41) - (2 x 1 mm TAG)</p> <p>41</p> <p>37</p> <p>5</p>	
S	External cabinet width (KB)
16	300 400 500 600 700 800 900 1000 1100 1200
16	184 284 384 484 584 684 784 884 984 1084
18	180 280 380 480 580 680 780 880 980 1080
19	178 278 378 478 578 678 778 878 978 1078
Internal dimension (LWS)	

LEGEND

KB	Cabinet width	TAG	Tolerance compensation
LWS	Clear drawer width		
NL	Nominal length		
S	Cabinet side wall		

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
- Modular extension possible
- Without frame
- Variable tray arrangement possible

Packaging unit (PU):

201 = 1 unit in cardboard box
205 = 6 units in a cardboard box
207 = 10 units in a cardboard box
213 = 25 units in a cardboard box

ORDER INFORMATION

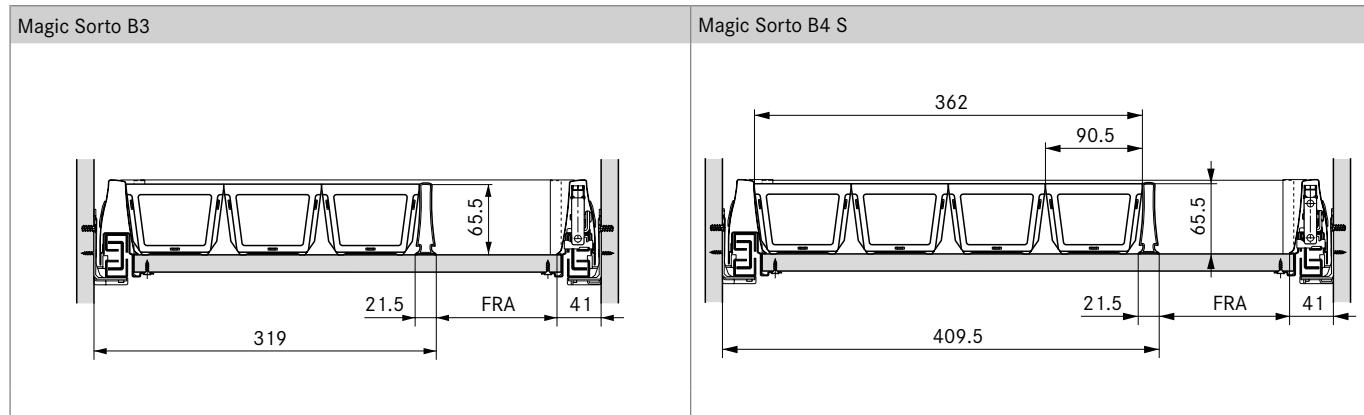
1	Magic Sorto set B3 Set	
NL	Aluminium metallic	
	Art.-no.	PU
500	F092075619	201
2	Magic Sorto set B4 S Set	
NL	Aluminium metallic	
	Art.-no.	PU
500	F092075635	201
3	Magic Sorto divider rail Single item	
NL	Aluminium metallic	
	Art.-no.	PU
500	F092075648	213
4	Magic Sorto trays Single item	
L	Aluminium metallic	
	Art.-no.	PU
180	F092075663	207
270	F092075666	205

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
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INSTALLATION INFORMATION

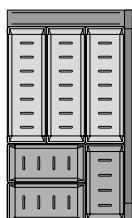
All dimensions in millimetres



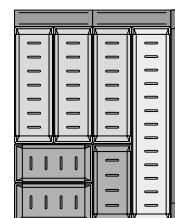
LAYOUT OPTIONS

Magic Sorto set NL 500 B3

NL 500 and cabinet widths from 450 mm



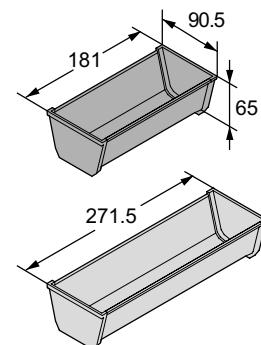
Consisting of:
3 trays 270 x 90 mm
3 trays 180 x 90 mm
1 spacer bar 270 mm
1 spring-loaded divider rail



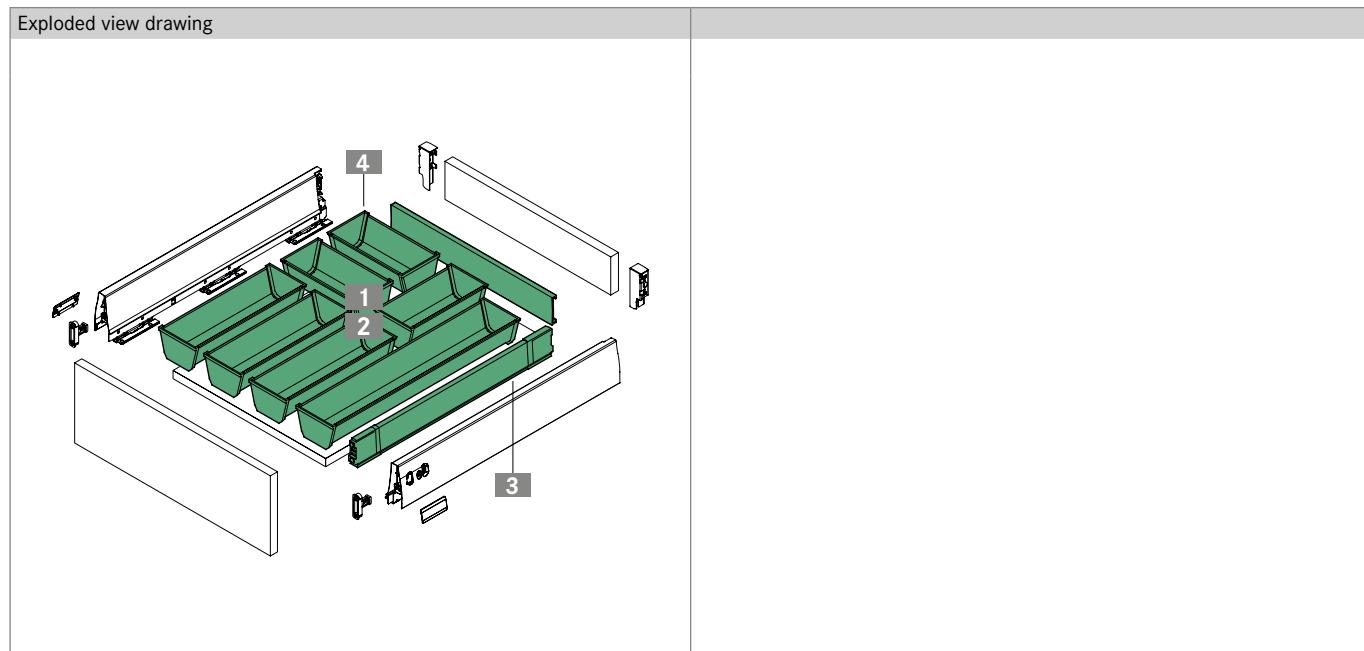
Magic Sorto set NL 500 B4S

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



Exploded view drawing

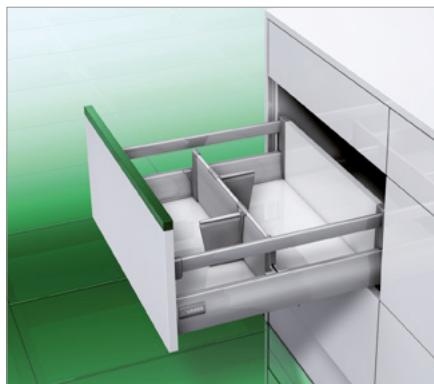


LEGEND

FRA	Spare space
L	Length
NL	Nominal length

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
	Art.-no.	PU
95	F092101577 516	F092100488 516
	Art.-no.	PU
	F092136394 516	

2	Magic Optima Smartboard Single item	
	Aluminium metallic	White
	Art.-no.	PU
	F092075826 511	F102100670 211
	Art.-no.	PU
	F102102838 211	

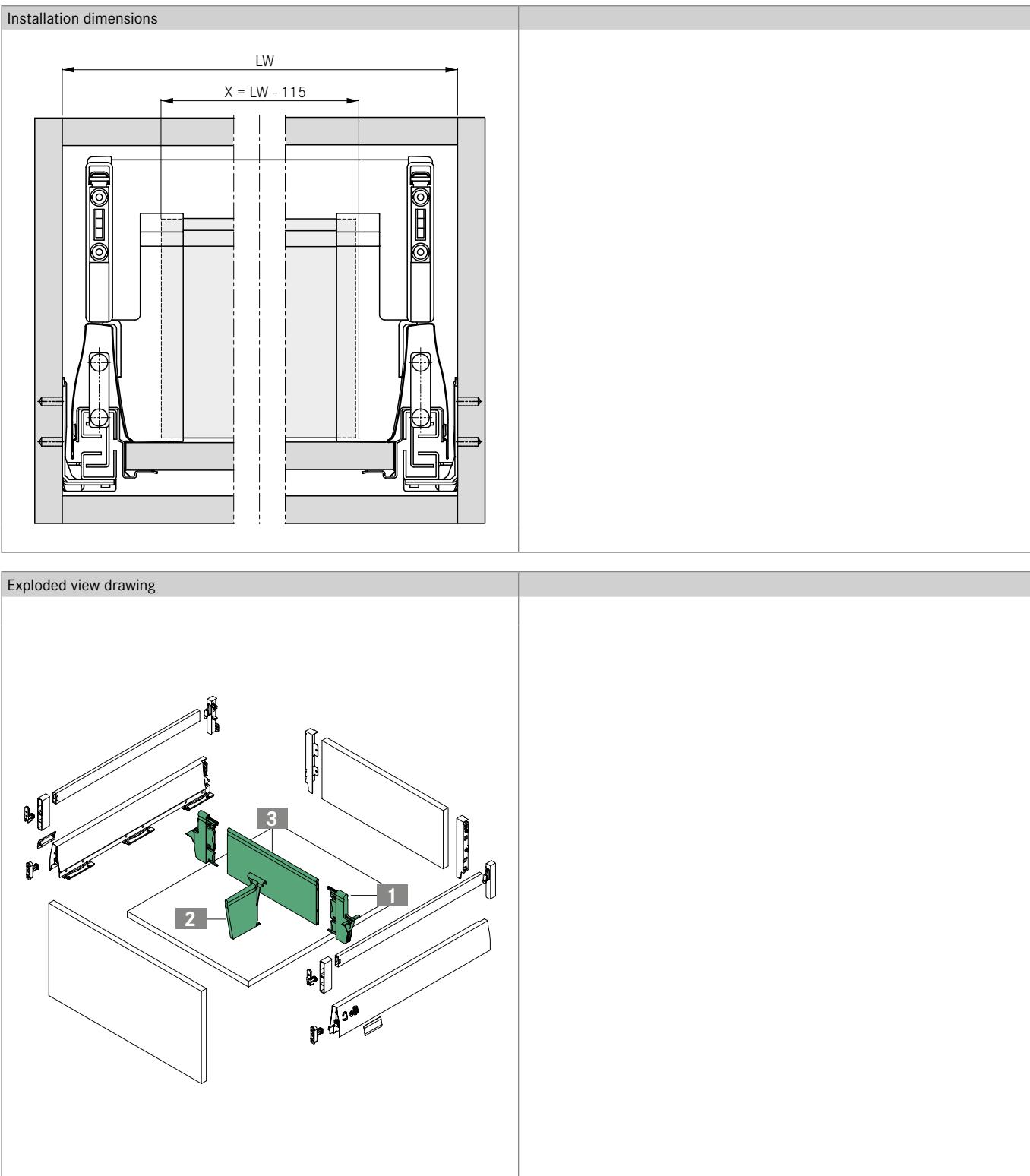
3	Magic Optima divider profile Single item: For cutting to length	
L	Aluminium metallic	White
	Art.-no.	PU
1072	F092075808 207	F092075809 207
	Art.-no.	PU
	F092136393 207	

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres

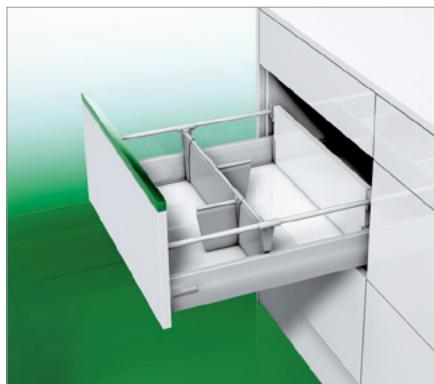


LEGEND

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		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092075823	516	F092076844	516	F092136395	516	

2 Magic Optima Smartboard

Single item



	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
	F092075826	511	F102100670	211	F102102838	211	

3 Magic Optima divider profile

Single item: For cutting to length



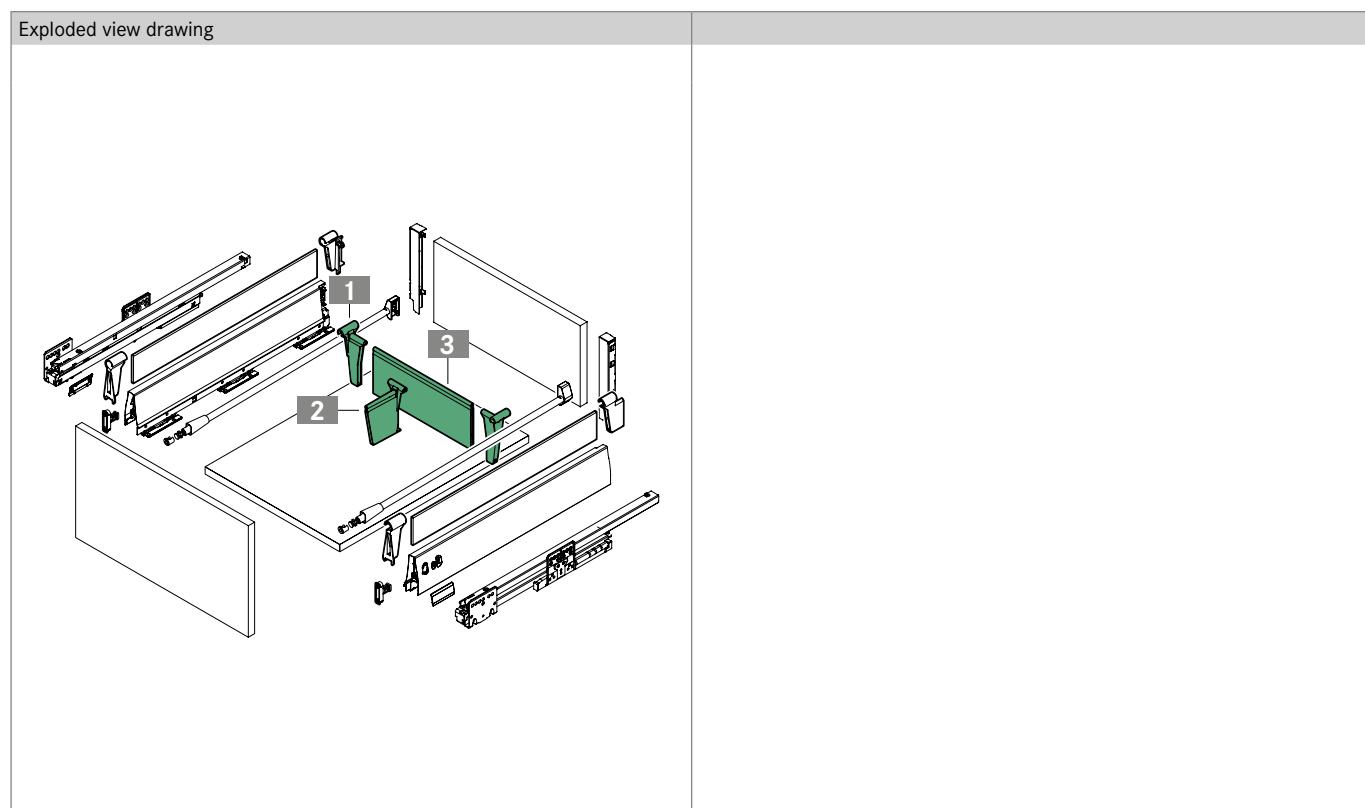
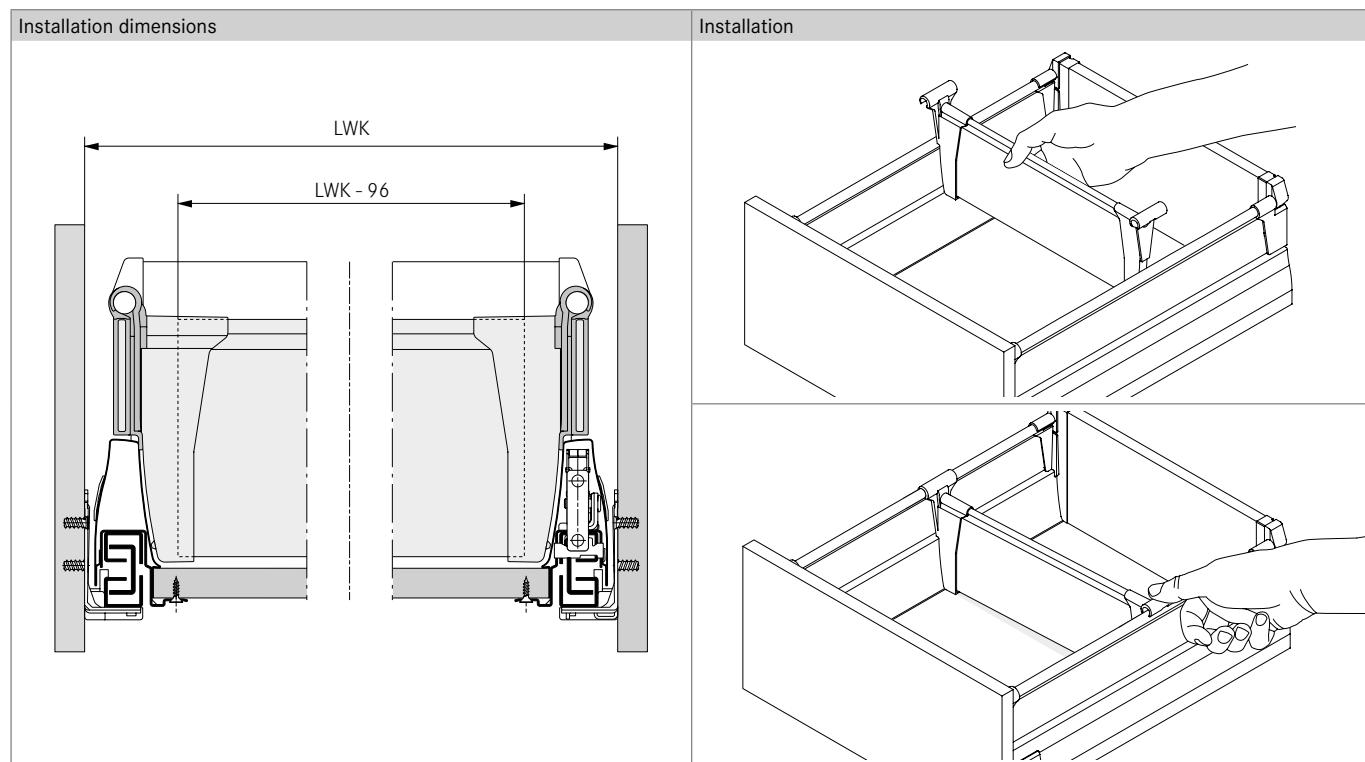
L	Aluminium metallic		White		Stone		
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU	
1072	F092075808	207	F092075809	207	F092136393	207	

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres

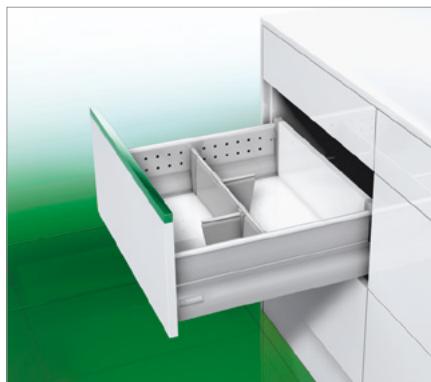


LEGEND

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		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092075819	516		F092076845	516		F092136396	516

2 Magic Optima Smartboard Single item



	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092075826	511		F102100670	211		F102102838	211

3 Magic Optima divider profile Single item: For cutting to length



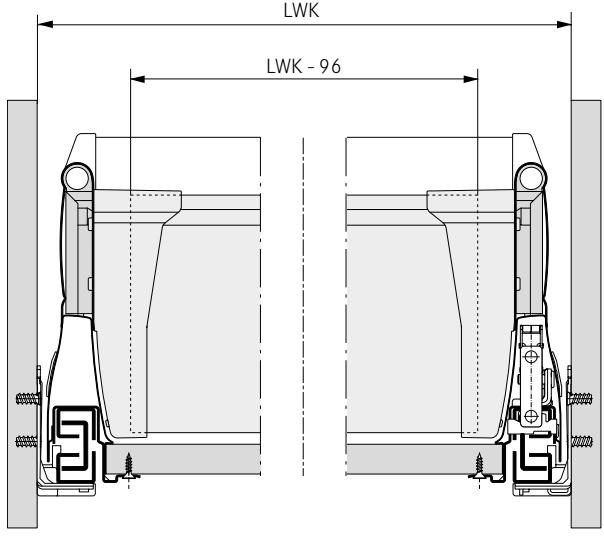
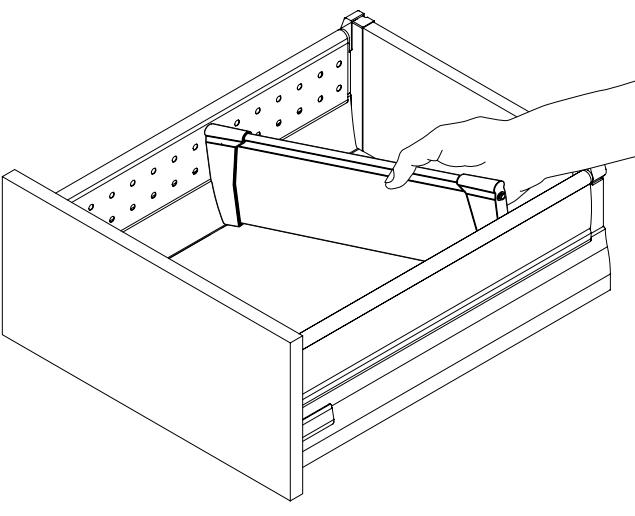
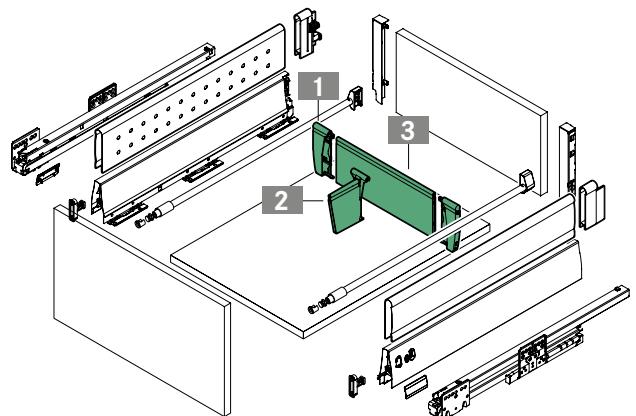
L	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
1072	F092075808	207		F092075809	207		F092136393	207

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Installation
	
<p>Exploded view drawing</p> 	

LEGEND

L	Length
LWK	Inside cabinet width

DIVIDING SYSTEMS

Magic Classic for Duowing

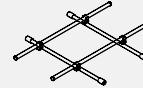


- Variable division of pot drawer H95 when using Duowing
- Fast, tool-free installation using spring/click connection
- Can be retrofitted at any time
- Tool-free adjustment
- Colour coordinated with drawer side
- Longitudinal and cross dividers for cutting to length

Packaging unit (PU):
513 = 25 units in PE in a cardboard box

ORDER INFORMATION

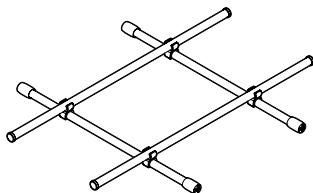
1 Magic Classic divider set for NL 500								
KB	Aluminium metallic		White					
	Art.-no.	PU	Art.-no.	PU				
600	F092075796	513			F092077405	513		
1200	F092075793	513			F092077406	513		



1 set for cabinet width 600 comprising:

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

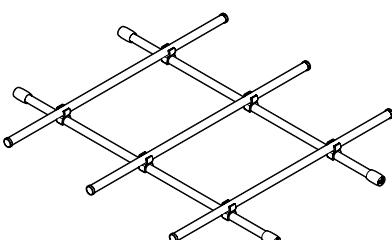
KB 600



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	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Installation
<p>LWK</p> <p>LWK - 92</p>	
Cutting dimensions for longitudinal dividers	
<p>NL - 38</p> <p>NL</p>	
Exploded view drawing	

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

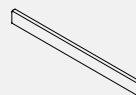
Packaging unit (PU):

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		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
1150	F092077417	211			F092076916	211		
					F092136342	211		

2 Divider railing clip for rectangular railing Single item: can be used on left/right



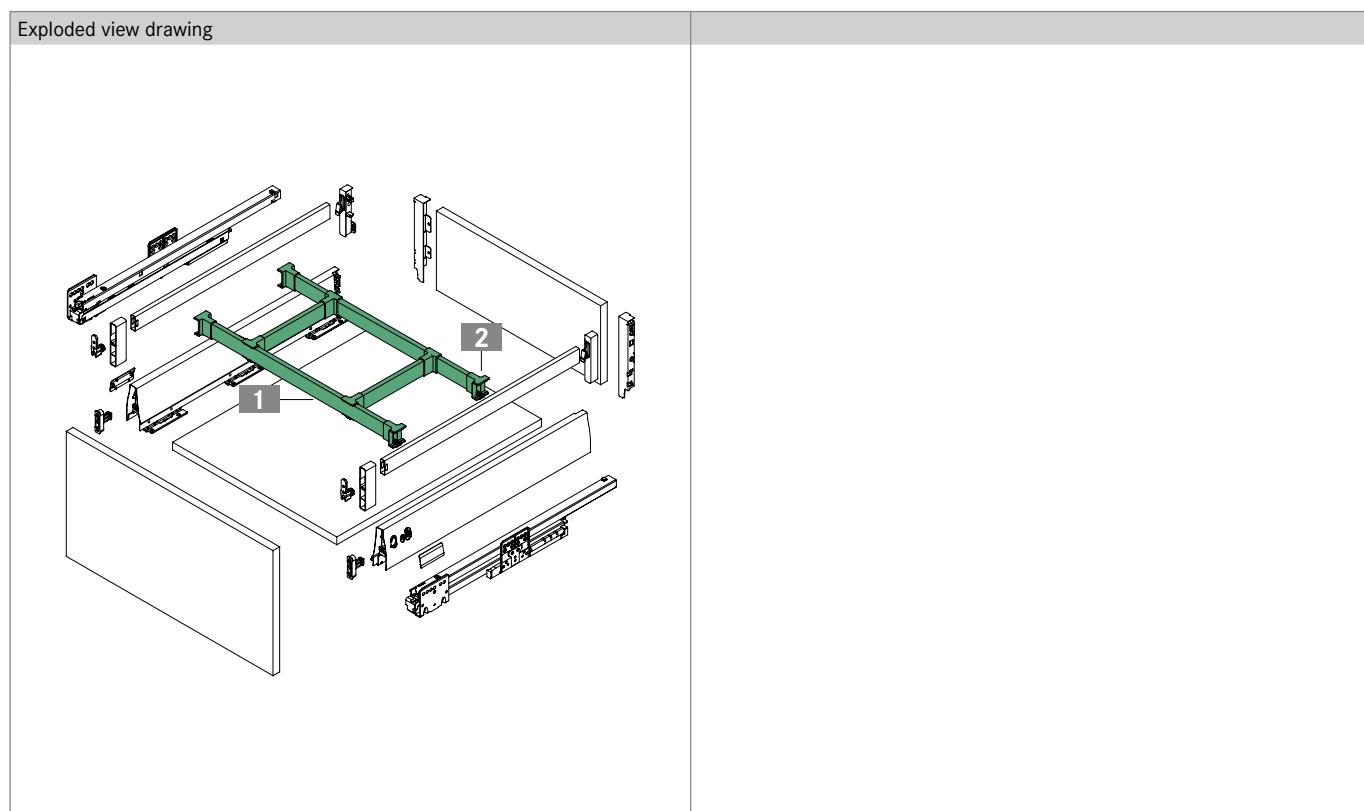
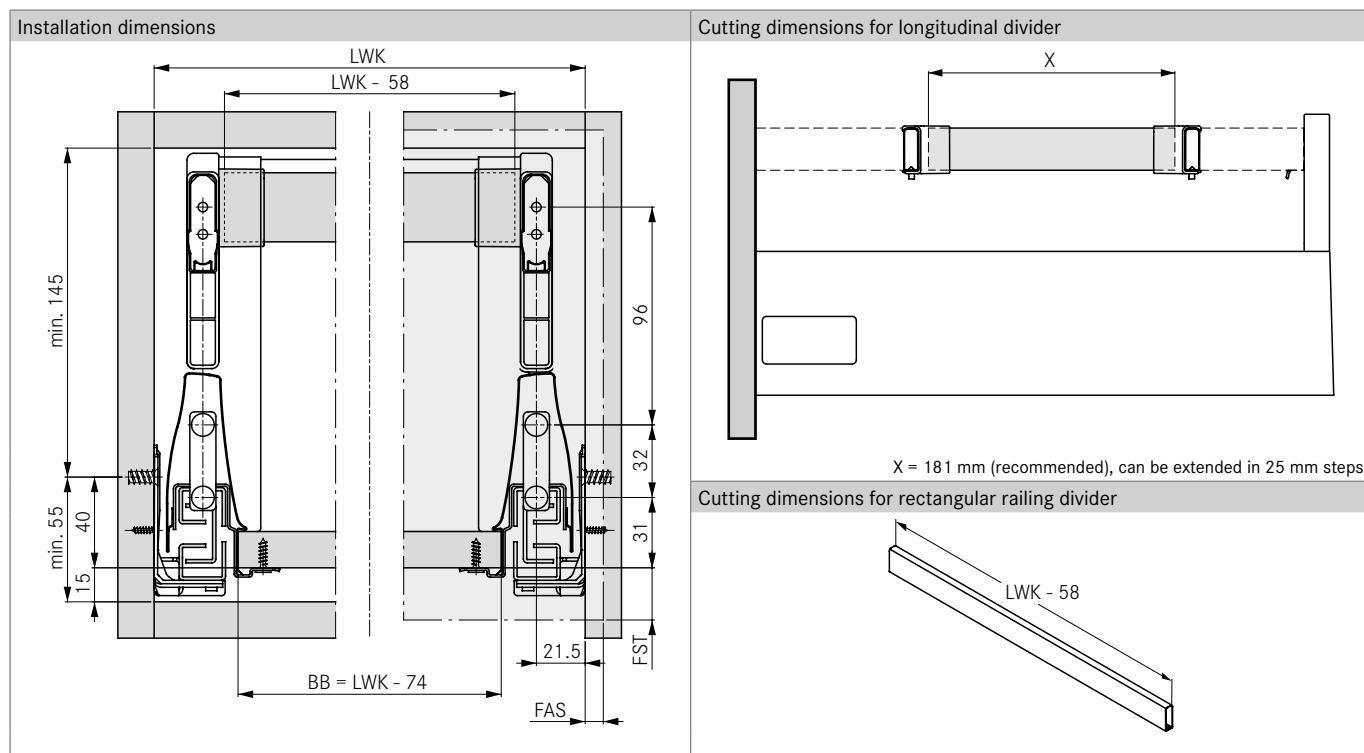
	Aluminium metallic		White		Stone			
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU		
	F092077414	211			F145096770	111		
					F092136401	211		

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

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

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		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
1150	F092082461	211		F092082479	211		F092136341	211	223						

2 Cross railing clip, single

Single item: can be used on left/right



	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
	F092082484	233		F092071504	233		F092136398	233							

3 Cross railing clip, double

Single item: can be used on left/right



	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
	F092082486	223		F092071505	223		F092136399	223							

4 Bottle holder

Single item



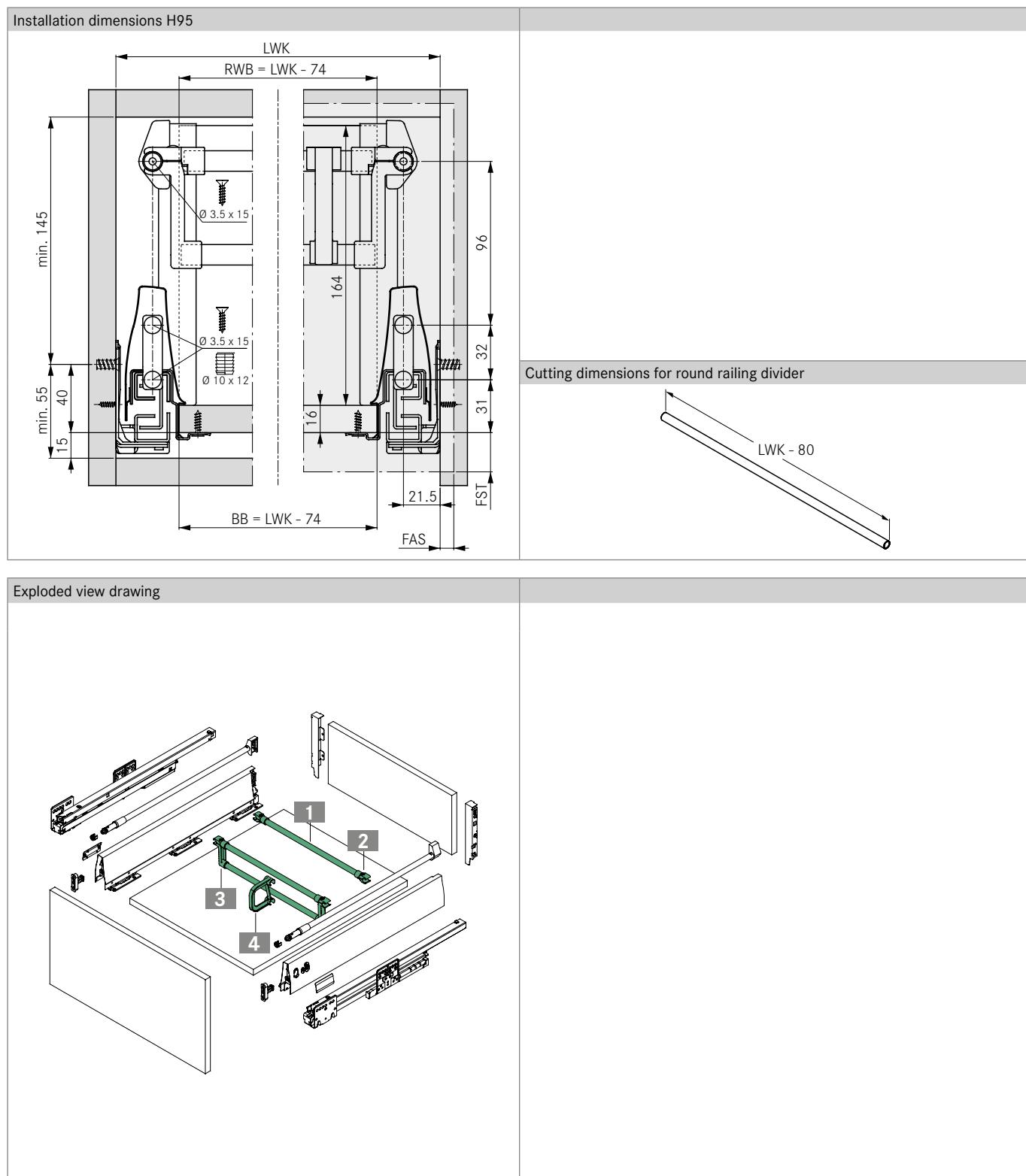
	Aluminium metallic		White		Stone										
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU									
	F092082488	223		F092076842	223		F092136400	223							

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Assembly technology	124
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

INSTALLATION INFORMATION

All dimensions in millimetres



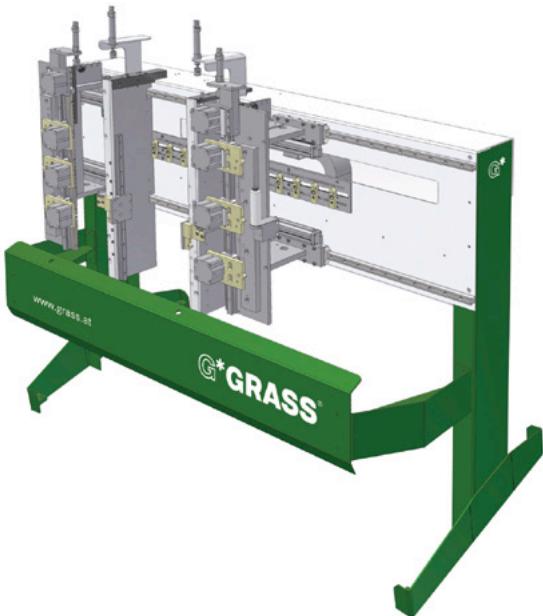
LEGEND

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

LWK Inside cabinet width
RWB Width of back panel

TECMATOR ZP-XP

For industrial production of DWD XP regular and pot drawers

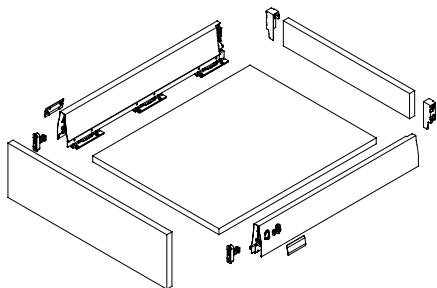


- Easy and straightforward handling of the individual parts on the machine
- For large series production
- Any required drawer width can be set
- Adjustment with pneumatic clamping
- Fast operating sequences
- Very sturdy frame construction
- All DWD XP lengths can be processed
- It is possible to process 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

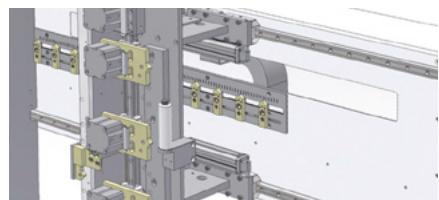
Designation	Art.-no.	PU
Tecmator ZP-XP	F146083263	801

DWD XP

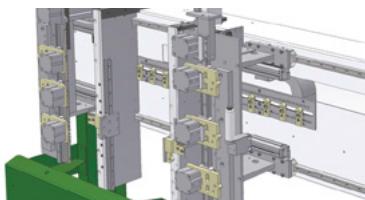


ADVANTAGES

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	64	Technical information	76
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

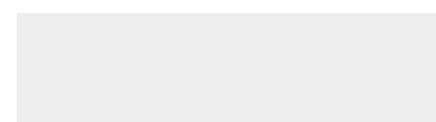
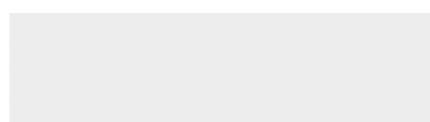
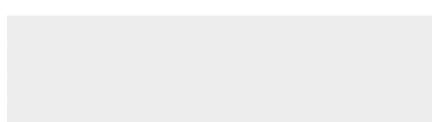
TECHNICAL DATA

Connections	
Pneumatic	6 bar dry

Dimensions	
Width	2.00 m
Depth	1.00 m
Height	1.75 m

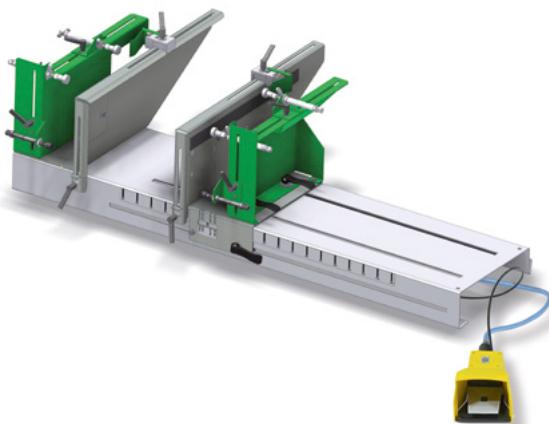
Weight	
ZP-XP	320 kg

LEGEND



TECMATOR ZMV-TP4

Semi-automatic assembly of regular and pot drawers

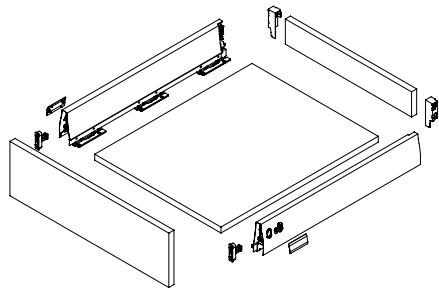


- Pneumatic table-top machine (up to a drawer width of 250 mm) for all GRASS slide systems: Nova Pro, DWD XP, Vionaro and Integra
- Drawers with an external cabinet width of up to 1200 mm can be processed with the ZMV-TP4
- Easy and straightforward handling
- Sturdy construction
- For small series production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

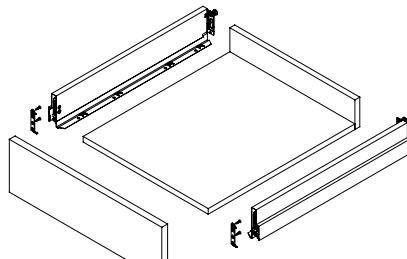
ORDER INFORMATION

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

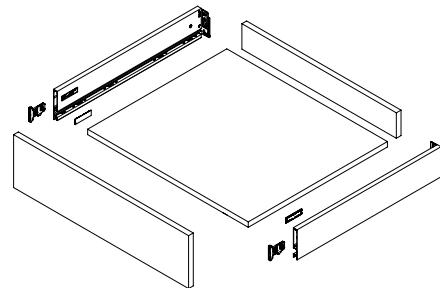
DWD XP



NOVA PRO



VIONARO

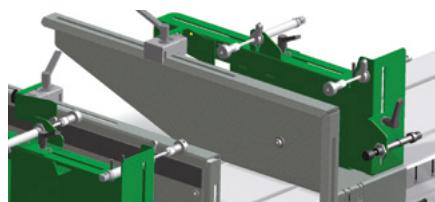


ADVANTAGES

Tool-free setting



Sturdy base frame with pneumatic closing mechanism



All GRASS drawer systems can be processed



PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Technical information	76
Slides	50	Accessories	70	Assembly aids	128
Flat packs	58	Application examples	72	Packaging code	131

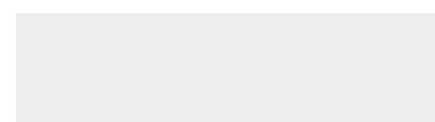
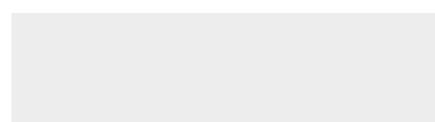
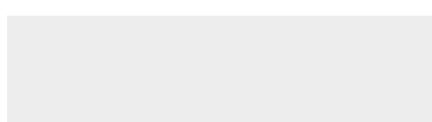
TECHNICAL DATA

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



DRAWER CLAMP

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

	Art.-no.	PU
Drawer clamp	F146108833	201

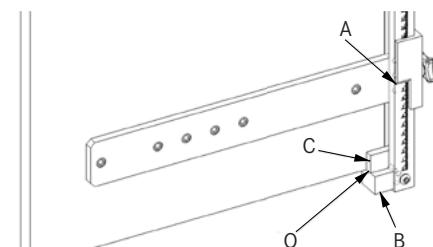


DRILLING JIG FOR CABINET MEMBER

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

PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Technical information	76
Slides	50	Accessories	70	Assembly technology	124
Flat packs	58	Application examples	72	Packaging code	131



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

For pre-drilling the F8 inset panel.

	Art.-no.	PU
	F146101057	201



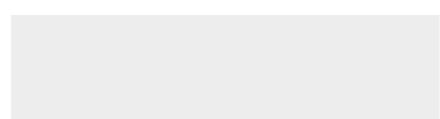
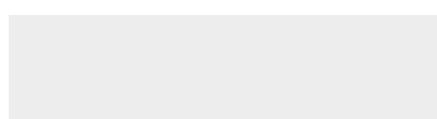
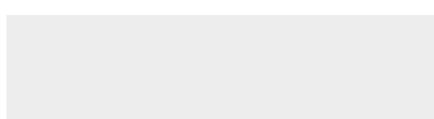
DWD XP RAILING DRILLING JIG

For DWD XP railing.



	Art.-no.	PU
	F146083261	101

LEGEND



PACKAGING CODE

Explanation

Article Number

Packaging Code

F123456789 2|01

Type of packaging

Packaging unit

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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