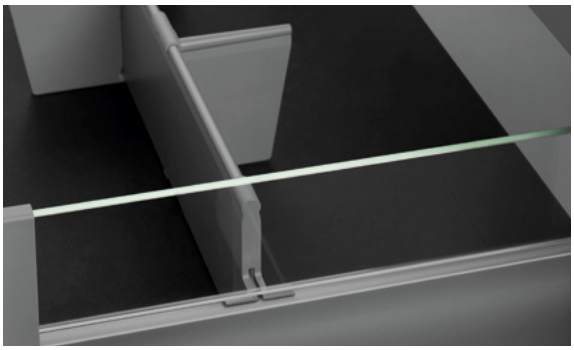


G*GRASS®

DWD XP DRAWER SYSTEM

The convenient and versatile
comprehensive drawer range.



www.grass.eu

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.

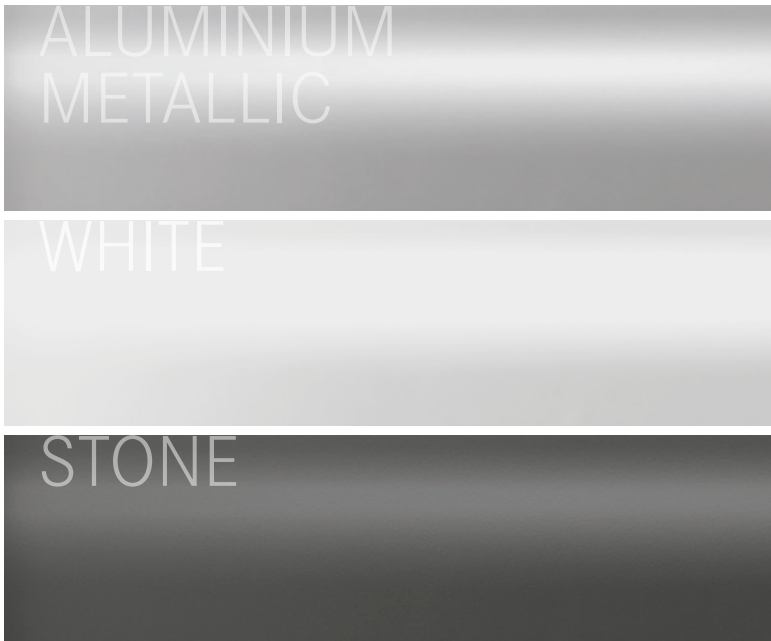
In combination with the GRASS comfort systems Tipmatic Plus and Sensomatic, DWD XP full extension slides can be moved with the utmost comfort.



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.



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.

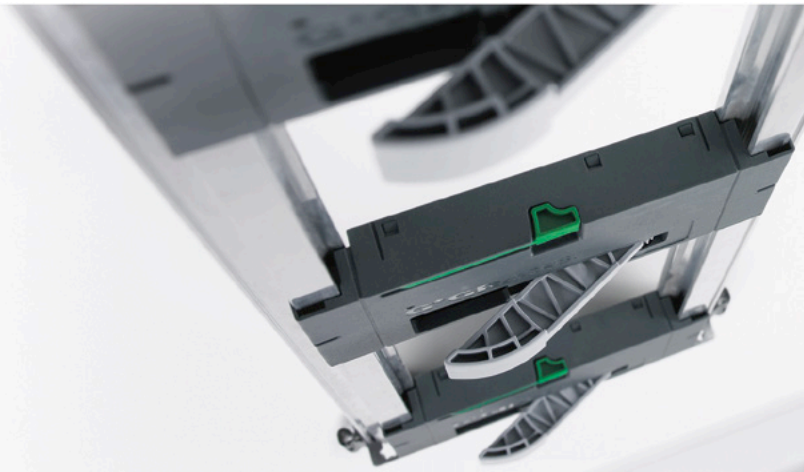
Neatly stored means readily found. And GRASS systems make it all so much easier. Because every item is always neatly arranged for convenient access.



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.

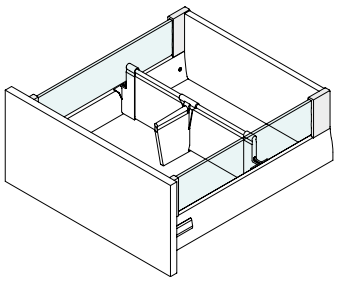
ASSEMBLY TECHNOLOGY **124**

Installation and assembly aids. Tried-and-tested technology for professional cost-effectiveness.

DWD XP DRAWER SYSTEM

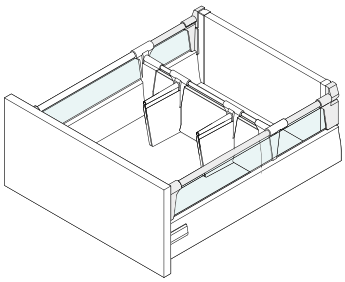
Variety of the finest quality: a range of material, colour and design combinations – all harmoniously coordinated – these are the ingredients for individuality, comfort and lifestyle.

QUALITY CERTIFICATE
LGA



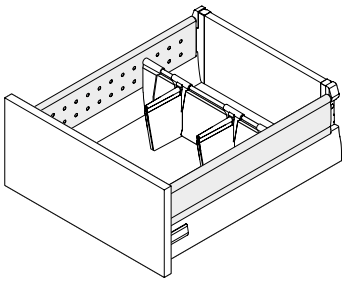
DWD XP TOP – the crystal clear solution for timeless attractive drawers.

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



Variowing – more storage space and design variation.

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



Duowing – the compact container solution for stored items.

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

DWD XP DRAWER SYSTEM

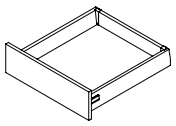
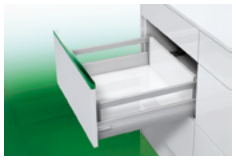
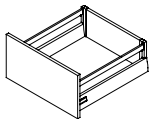
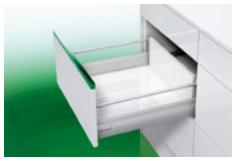
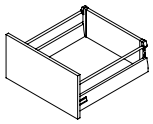
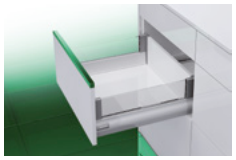
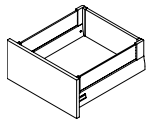
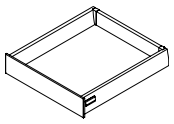
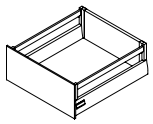
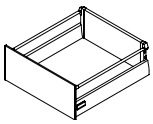
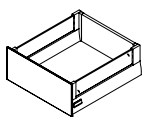
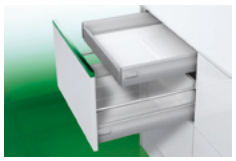
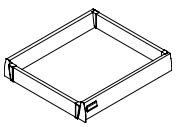
Elegantly designed double-wall metal drawer sides
for the discerning user.

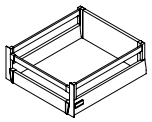
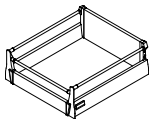
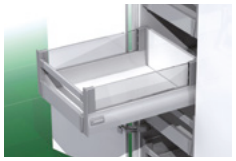
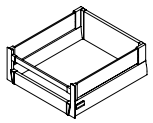
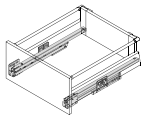
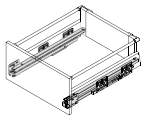
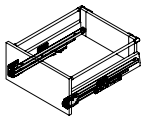
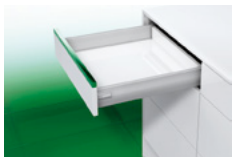
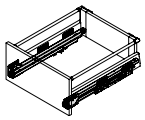
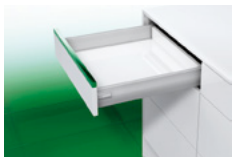
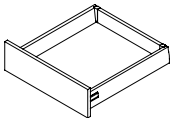
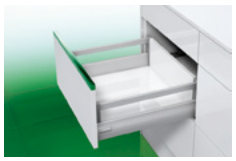
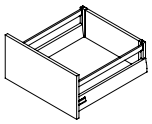
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DWD XP DRAWER SYSTEM

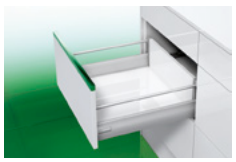
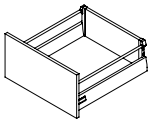
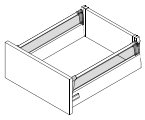
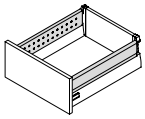
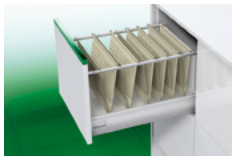
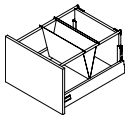
This tried-and-tested drawer system offers outstanding quality, maximum design freedom and innovative functional solutions.

	Product description		Page
	**Drawer H95** • 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** • Tilt angle adjustment using railing holder • Integrated side and height adjustment including locking screw • Strong front holder		18
	**Pot drawer H95 with round railing** • 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 with TOP add-on** • Elegant add-on system • Individual designs can be achieved by using a range of materials • Integrated tilt angle adjustment		32
	**F8 inset drawer H95** • 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** • 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** • 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** • 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** • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit		42

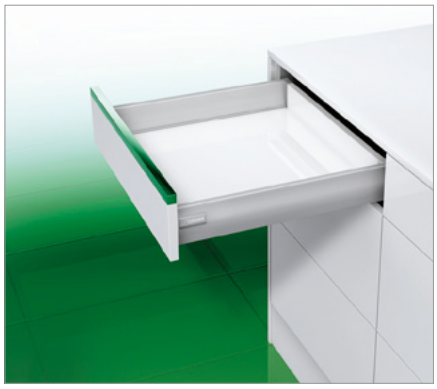
	Product description		Page
	**Inset drawer H95 with rectangular railing** • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit		44
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	**Inset drawer H95 with rectangular railing and TOP add-on** • Elegant add-on system • Colour-coordinated aluminium front panel profile for cutting to length • Easy to fit		48
	**DWD XP full extension slide 40 kg Soft-close** • 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** • 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** • 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** • 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** • 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** • 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** • 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** • Elegant add-on system for round railing • Individual designs can be achieved by using a range of materials • Easy installation without tools		64
	**Duowing** • 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** • 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** • Front-bottom connector • DWD XP spacer • DWD XP child lock • DWD XP locking pin • Screws		70
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	**Application example, pull-out larder**		73
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	**Spacer plate for oven base drawer** • 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

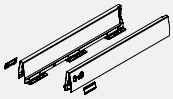


- The practical standard drawer for all applications
- Integrated side and height adjustment including locking screw
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

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	239

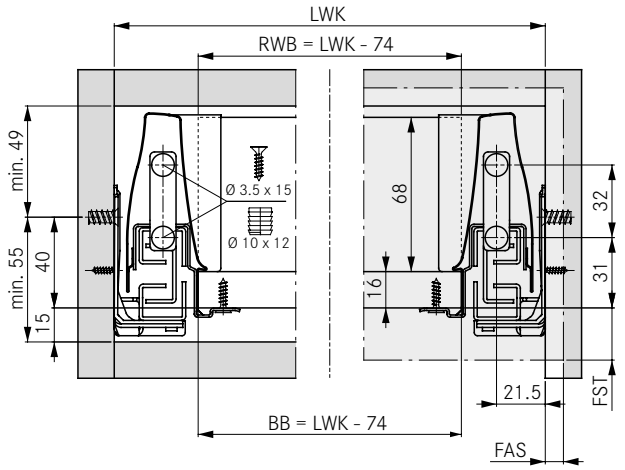
PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
Flat packs	58	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

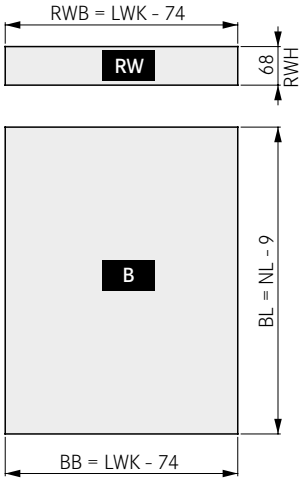
INSTALLATION INFORMATION

All dimensions in millimetres

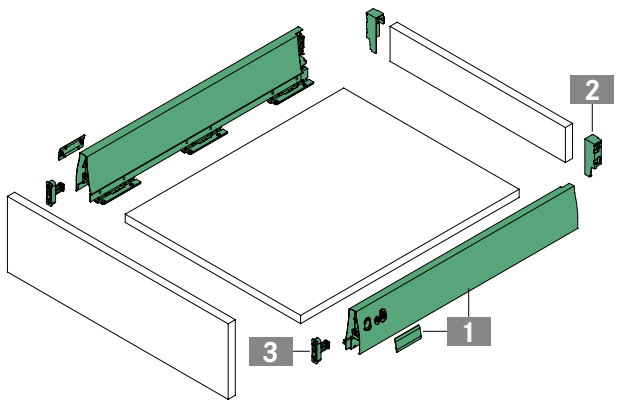
Installation dimensions



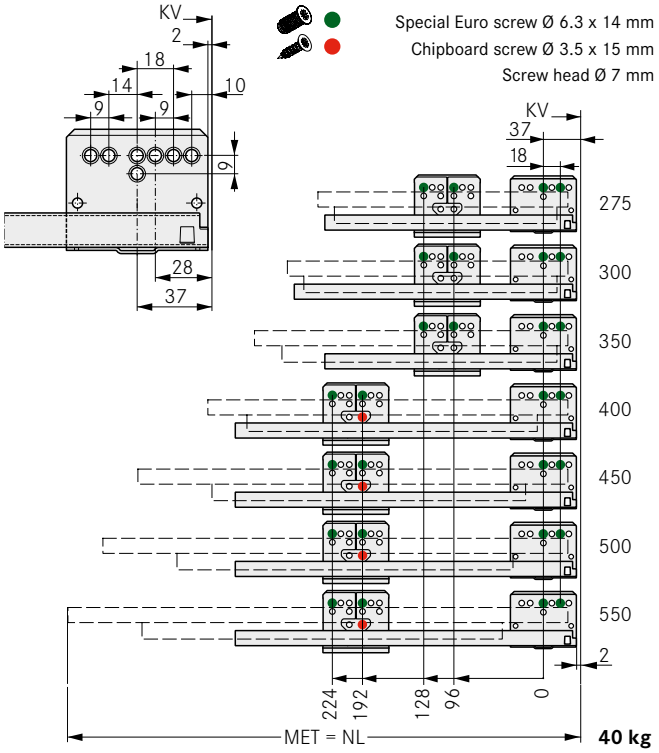
Cutting dimensions for 16 mm chipboard



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
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 rectangular railing

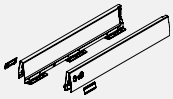


- Integrated side and height adjustment including locking screw
- Tilt angle adjustment using railing holder
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

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

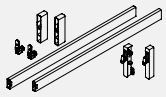
ORDER INFORMATION

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
For press fitting	F092083117	116
For screw fixing	F092083116	116 239

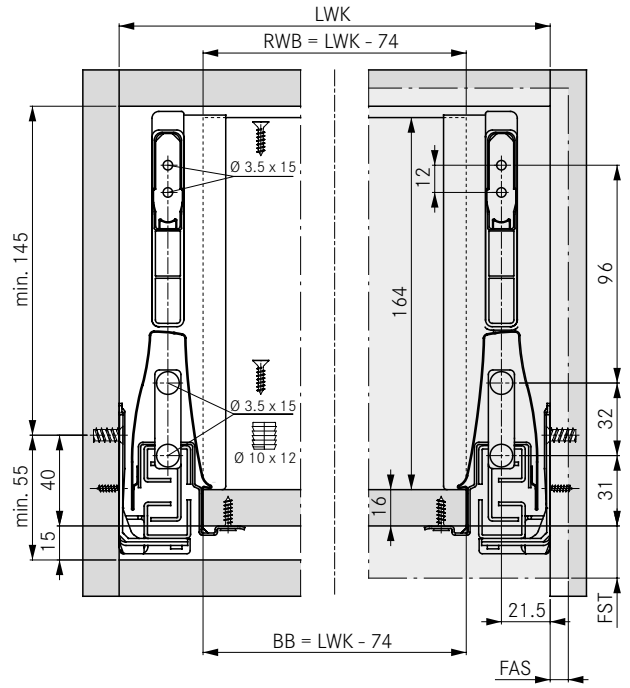
PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
Flat packs	58	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

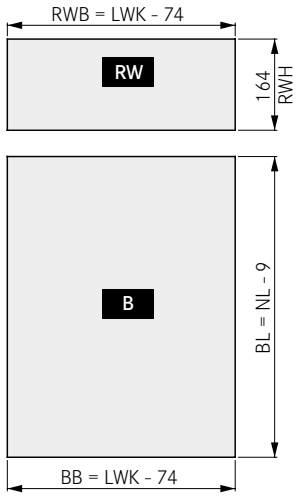
INSTALLATION INFORMATION

All dimensions in millimetres

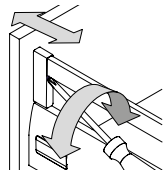
Installation dimensions



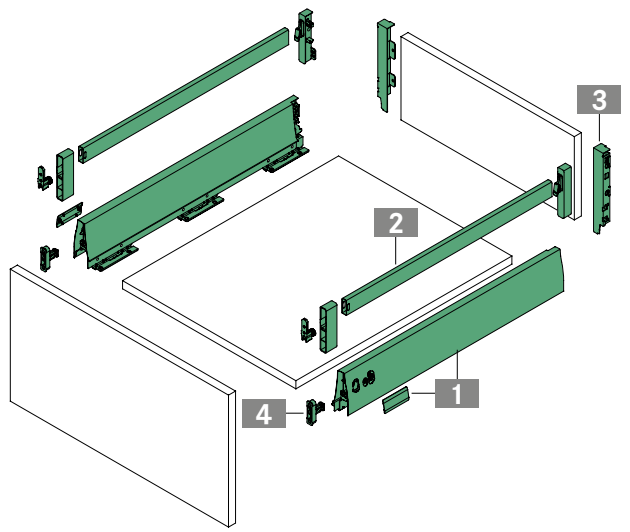
Cutting dimensions for 16 mm chipboard



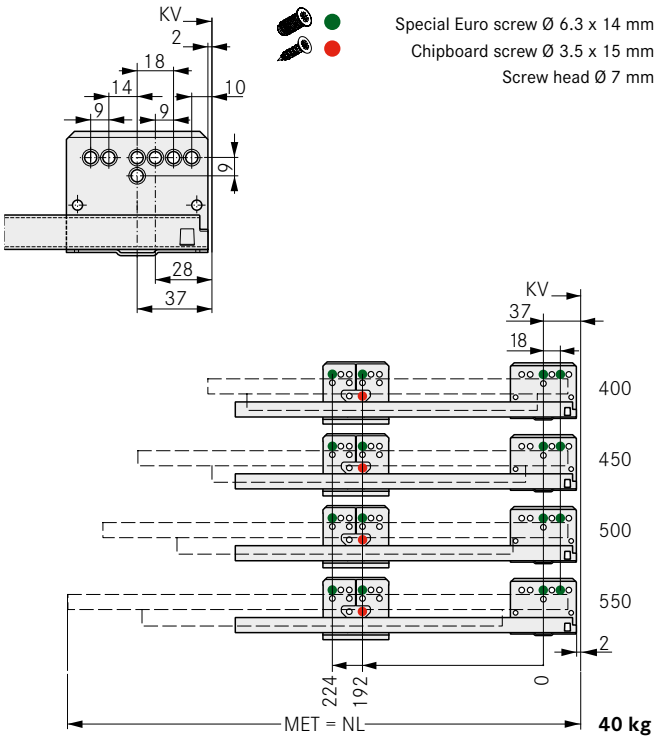
Front tilt angle adjustment



Exploded view drawing



Fixing positions for full extension slide



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

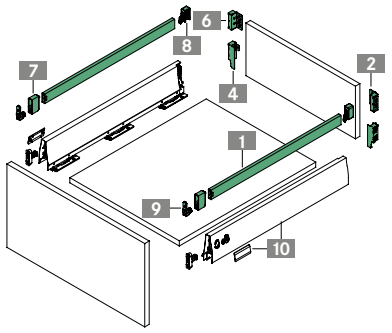
LEGEND

B	Bottom panel	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 rectangular railing

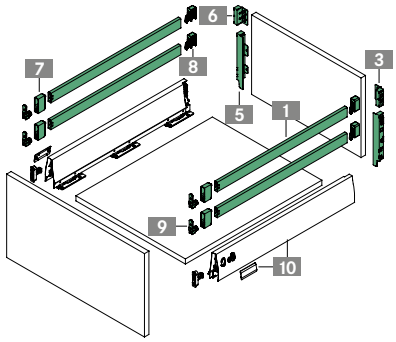
Pot drawer H95 with variable back panel height and rectangular railing



The following is required:

2 x 1
1 x 2 / 1 x 4 + 2 x 6
2 x 7
1 x 8
2 x 9
10

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



The following is required:

4 x 1
1 x 3 / 1 x 5 + 2 x 6
4 x 7
2 x 8
4 x 9
10

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	F092136431	223
300	F092072234	223	F092117186	223	F092136432	223
350	F092116281	223	F092117187	223	F092136433	223
400	F092116282	223	F092117188	223	F092136434	223
450	F092116283	223	F092117189	223	F092136435	223
500	F092116284	223	F092117190	223	F092136436	223
550	F092072235	223	F092117191	223	F092136437	223
600	F092116535	223	F092117192	223	F092136438	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
	F092082969	223	F092082972	223	F092136290	233

PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
Flat packs	58	Technical information	76	Assembly technology	124
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					
	F092082**978**	223		**F092**115**414**	223		**F092**136**293**	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					
	F092082**997**	239		**F092**076**725**	239		**F092**136**426**	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					
	F145038**516**	123		**F145**055**341**	123		**F092**136**422**	223					

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



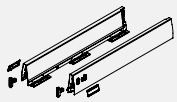
	Aluminium metallic			White			Stone						
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU					
	F092100**599**	233		**F092**116**878**	233		**F092**136**423**	233					

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	**F092**082**551**	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

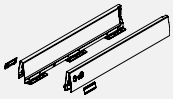


- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels
- Variowing or Duowing can be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

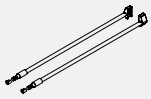
ORDER INFORMATION

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

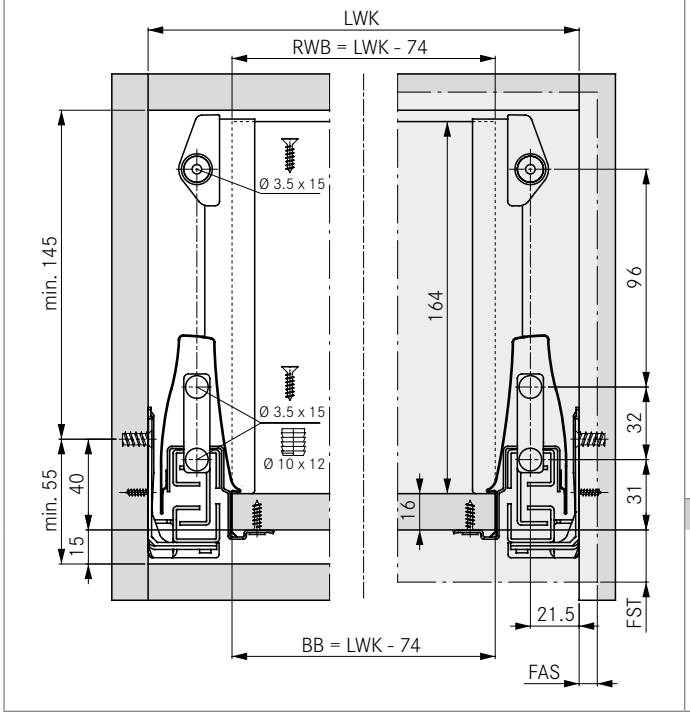
PAGE REFERENCES

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

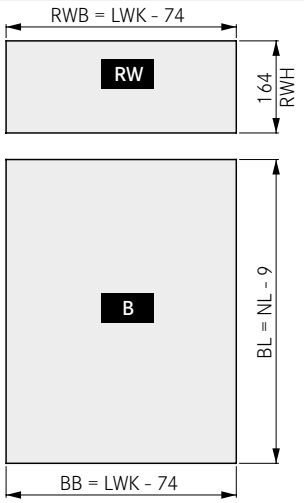
INSTALLATION INFORMATION

All dimensions in millimetres

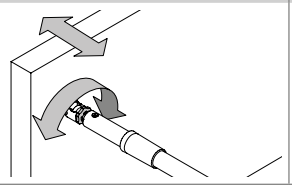
Installation dimensions



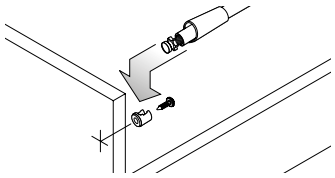
Cutting dimensions for 16 mm chipboard



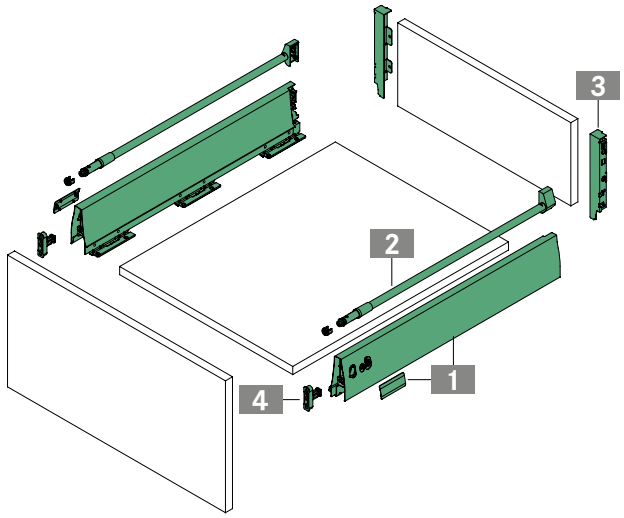
Front tilt angle adjustment



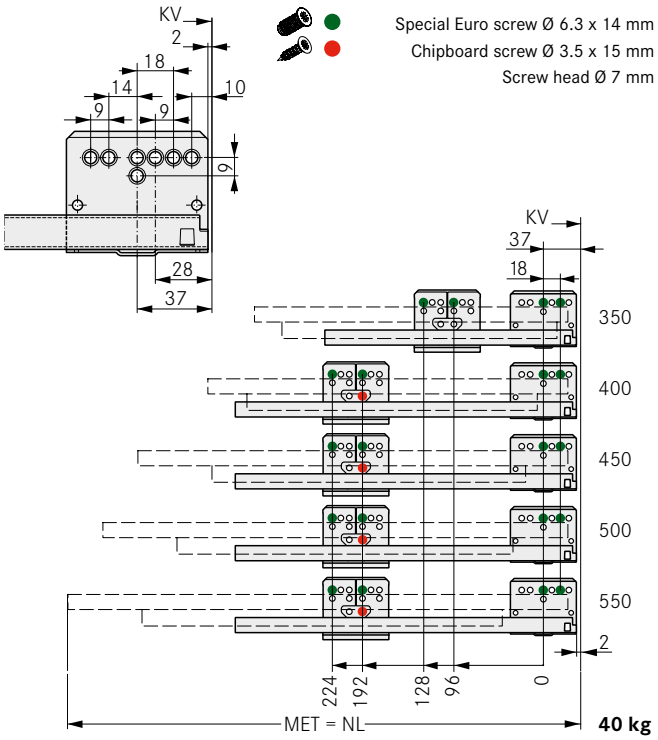
Screw-on installation of railing



Exploded view drawing



Fixing positions for full extension slide



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

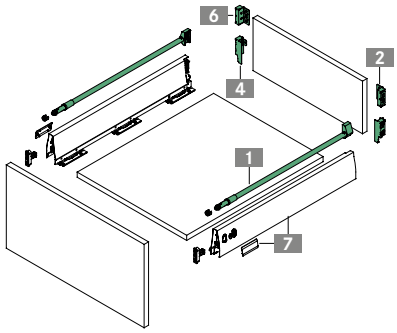
LEGEND

B	Bottom panel
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

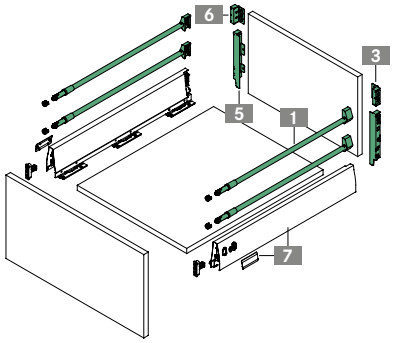
Pot drawer H95 with variable back panel height and round railing



The following is required:

1 x 1
1 x 2 / 1 x 4 + 2 x 6
7

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

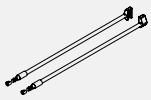


The following is required:

2 x 1
1 x 3 / 1 x 5 + 2 x 6
7

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
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
	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
	F092082969	223	F092082972	223	F092136290	233

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

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



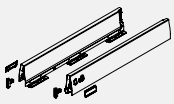
	Aluminium metallic				White				Stone							
	Art.-no.	PU			Art.-no.	PU			Art.-no.	PU						
	F092082**978**	223			**F092**115**414**	223			**F092**136**293**	233						

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						
	F092082**997**	239			**F092**076**725**	239			**F092**136**426**	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

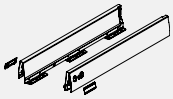


- Tool-free railing installation
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels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

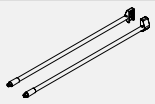
ORDER INFORMATION

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

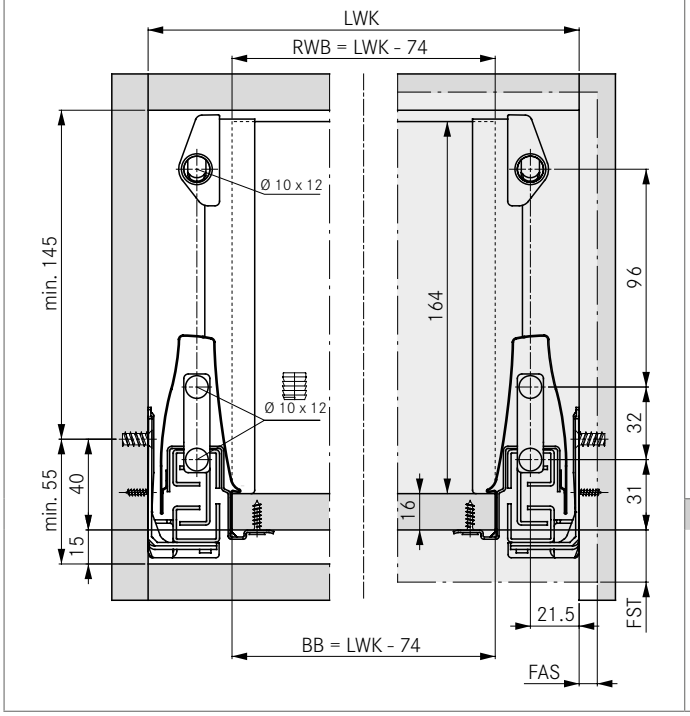
PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

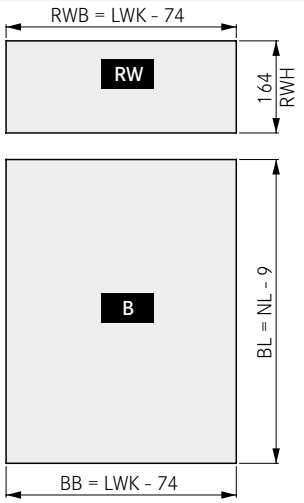
INSTALLATION INFORMATION

All dimensions in millimetres

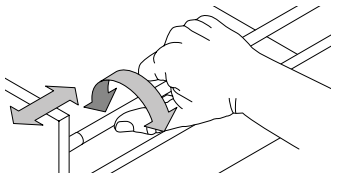
Installation dimensions



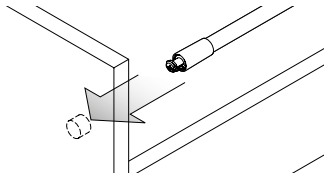
Cutting dimensions for 16 mm chipboard



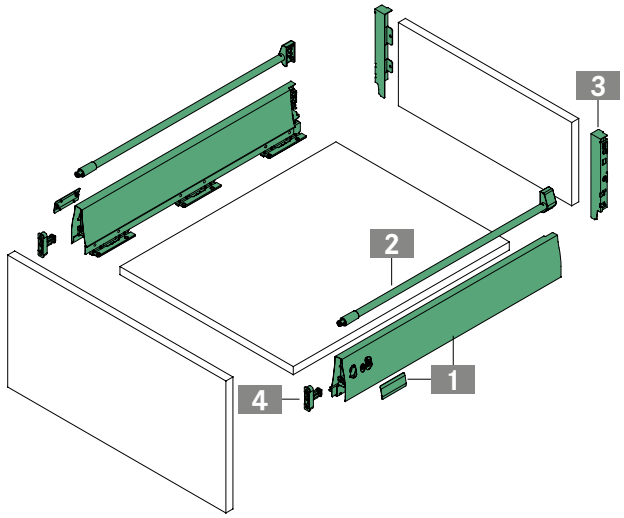
Front tilt angle adjustment



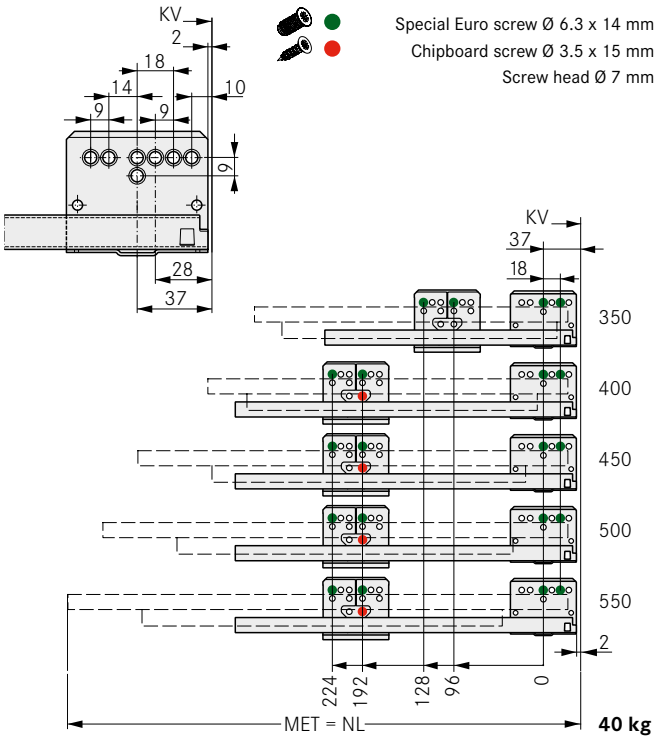
Quick-mounting installation of railing



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

DWD XP

Pot drawer H95 with variable back panel height and round railing

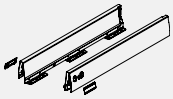


- Choice of back panel height
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

Packaging unit (PU):
116 = 40 units in PE
211 = 20 units in a cardboard box
223 = 100 units in a cardboard box
239 = 400 units in a cardboard box
513 = 25 units in PE in a cardboard box
523 = 100 units in PE in a cardboard box

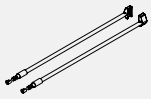
ORDER INFORMATION

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



NL	Aluminium metallic		White		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

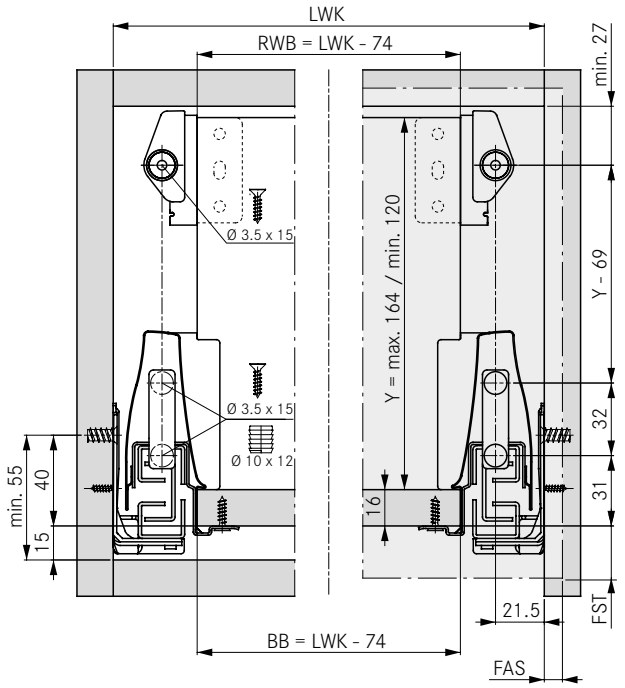
PAGE REFERENCES

Slides	50	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128

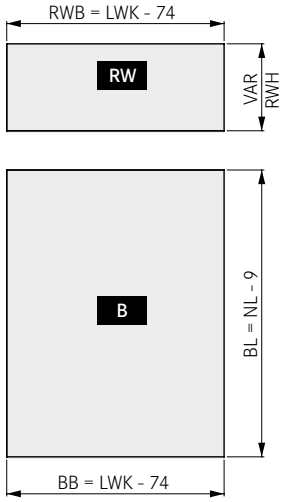
INSTALLATION INFORMATION

All dimensions in millimetres

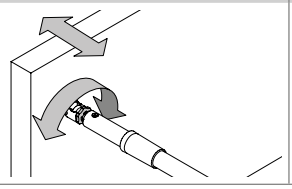
Installation dimensions



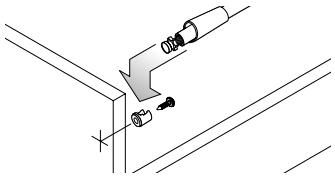
Cutting dimensions for 16 mm chipboard



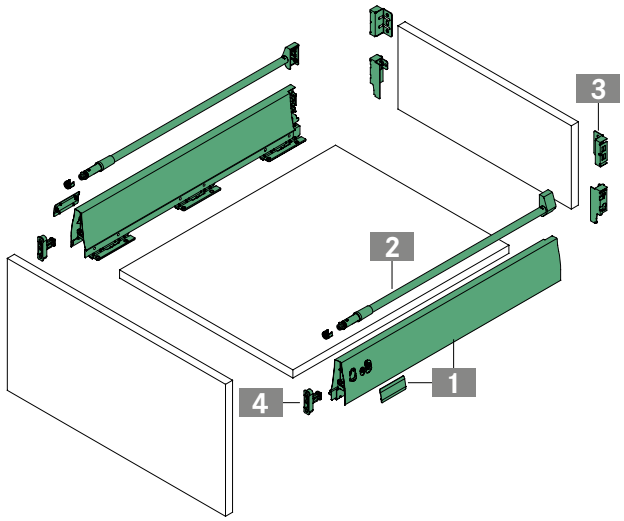
Front tilt angle adjustment



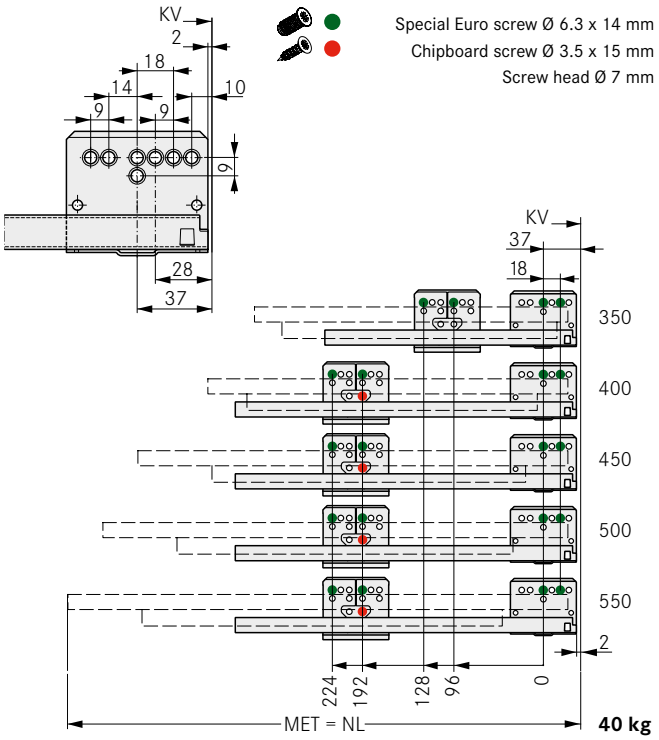
Screw-on installation of railing



Exploded view drawing



Fixing positions for full extension drawer



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

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 double round railing

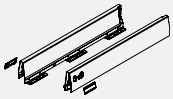


- Choice of back panel height
- Integrated side and eccentric height adjustment including locking screw
- Tool-free tilt angle adjustment using round railing
- Strong front holder
- Safety lock and transport protection
- Bottom panel machining not required
- Identical width of bottom and back panels

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

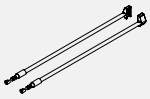
ORDER INFORMATION

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	

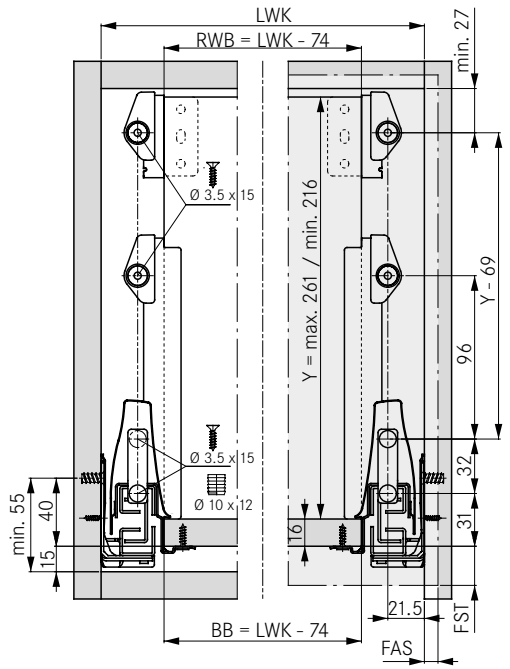
PAGE REFERENCES

Slides	50	Technical information	76	Assembly technology	124
Accessories	70	Sensomatic	81	Assembly aids	128
Application examples	72	Organising systems	103	Packaging code	131

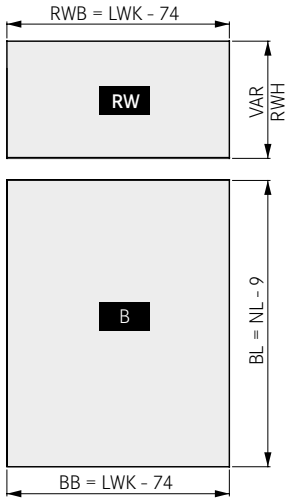
INSTALLATION INFORMATION

All dimensions in millimetres

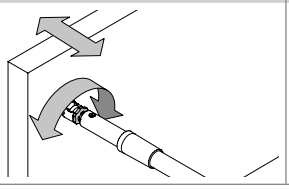
Installation dimensions



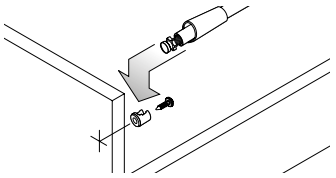
Cutting dimensions for 16 mm chipboard



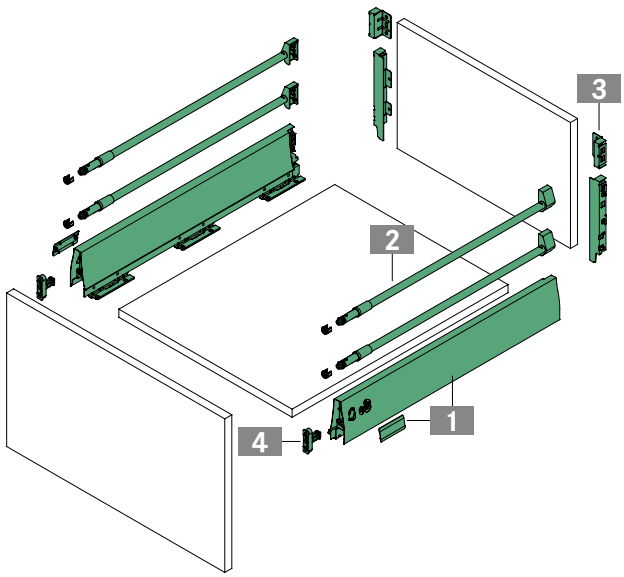
Front tilt angle adjustment



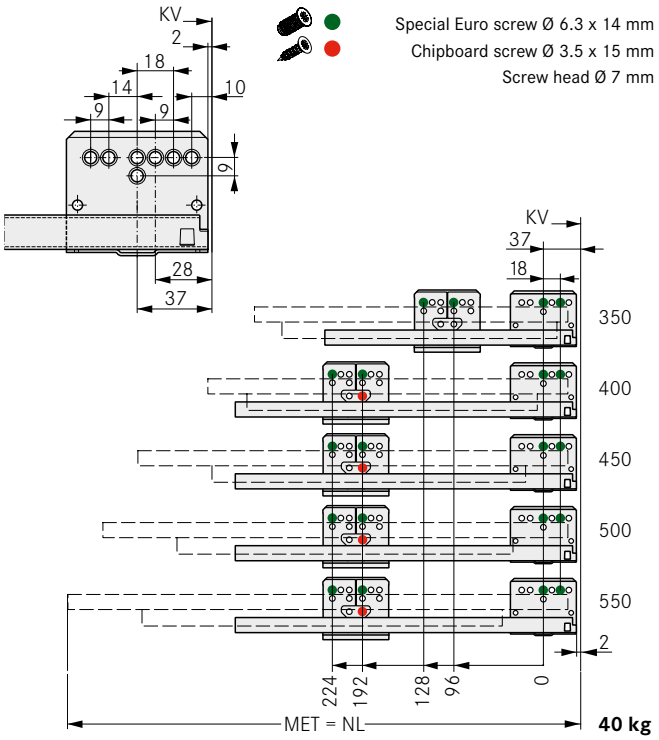
Screw-on installation of railing



Exploded view drawing



Fixing positions for full extension slide



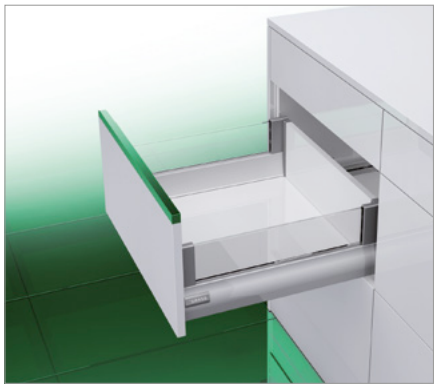
Note: Full extension slide, 60 kg, see Slides section (from page 52)

LEGEND

B	Bottom panel
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

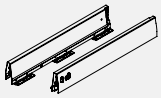


- Elegant add-on system
- Individual design by using different materials as inserts, such as glass or plastic
- Suitable for 8 mm slide-in elements
- Tilt angle adjustment integrated in drawer side
- Integrated side and eccentric height adjustment including locking screw
- Strong front holder
- Safety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

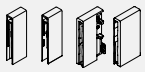
ORDER INFORMATION

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



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

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

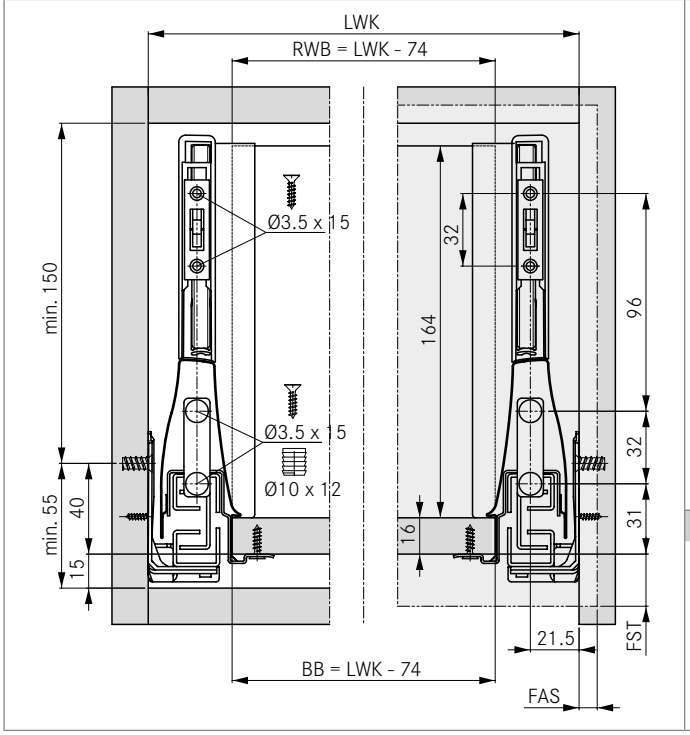
Description	Art.-no.	PU
For press fitting	F092072256	239
For screw fixing	F092072255	223 239

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

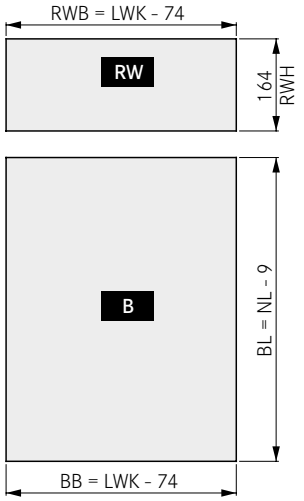
INSTALLATION INFORMATION

All dimensions in millimetres

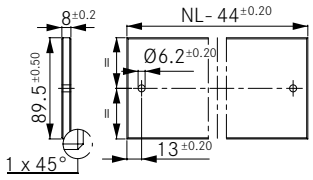
Installation dimensions



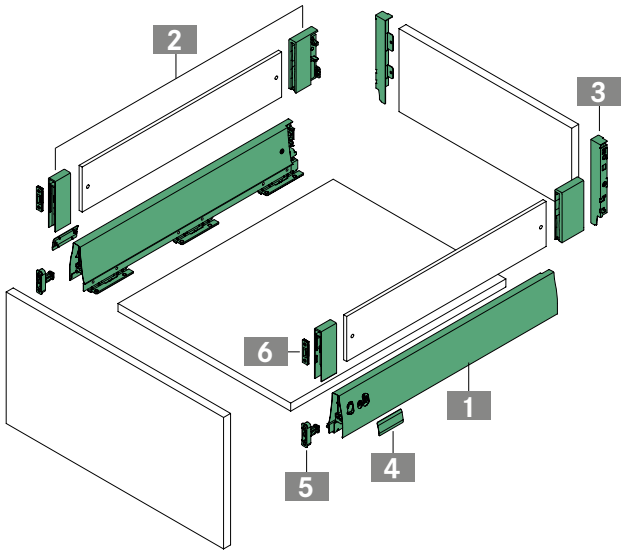
Cutting dimensions for 16 mm chipboard



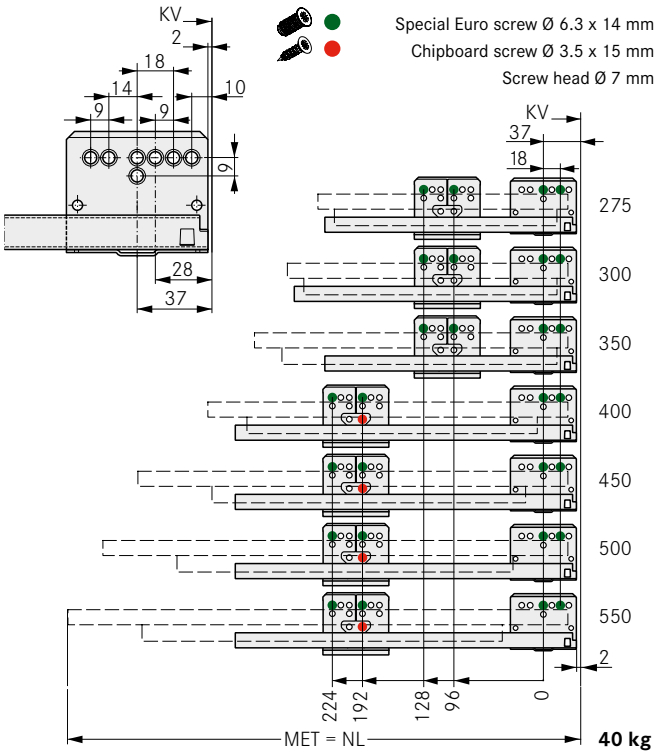
Glass cutting dim.



Exploded view drawing



Fixing positions for full extension slide

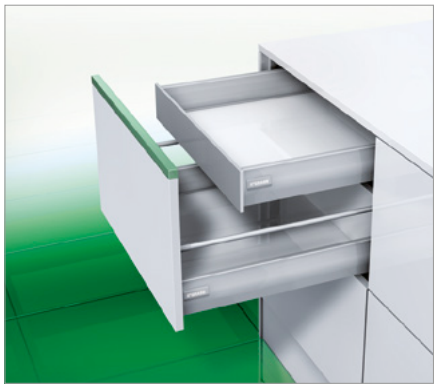


Note: Full extension slide, 60 kg, see Slides section (from page 52)

LEGEND

B	Bottom panel
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

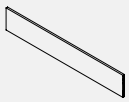


- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

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	**F092**101**372**	211	511*	**F102**101**369**	211	511*	**F102**101**371**	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	
	F102109**572**	218		**F102**101**382**	218		**F102**101**384**	218	

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



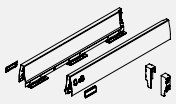
Description	Art.-no.	PU
For screw fixing	**F092**101**589**	223

4 Front-bottom connector (optional)
Single item



Description	Art.-no.	PU
Recommended from KB 600	**F145**117**993**	223

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



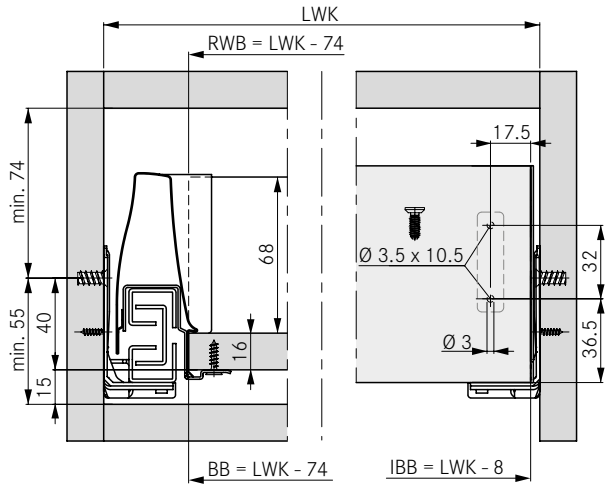
PAGE REFERENCES

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

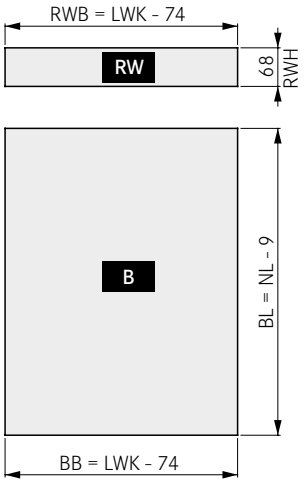
INSTALLATION INFORMATION

All dimensions in millimetres

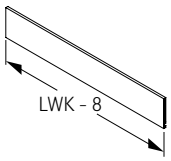
Installation dimensions



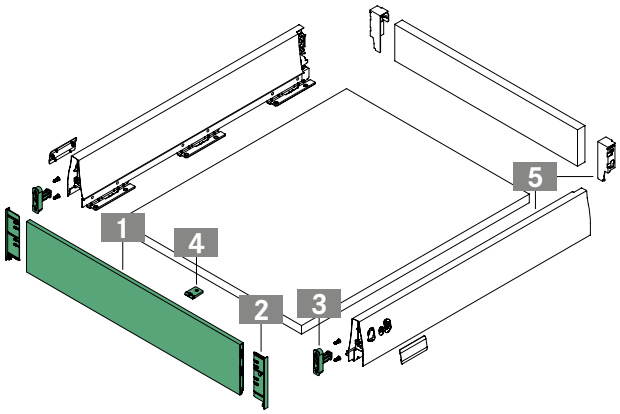
Cutting dimensions for 16 mm chipboard



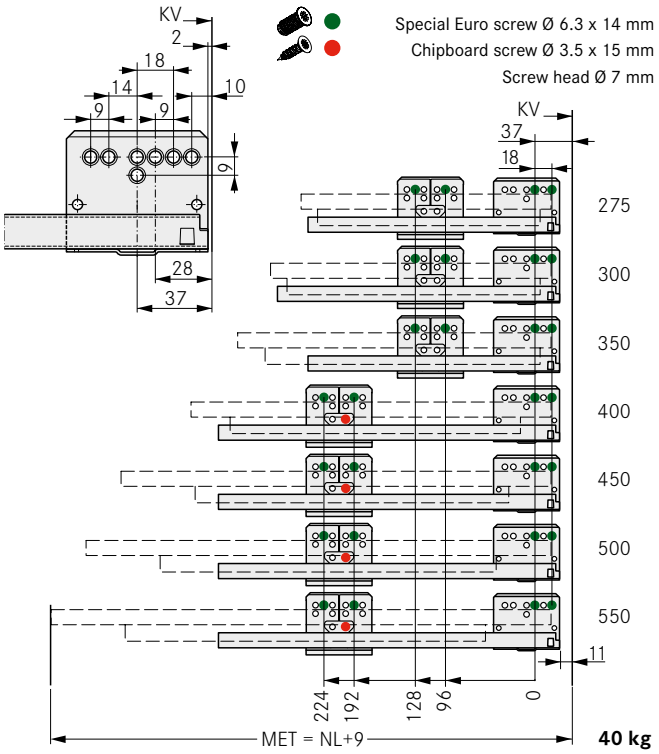
Cutting dimensions for front panel profile



Exploded view drawing



Fixing positions for full extension slide



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

LEGEND

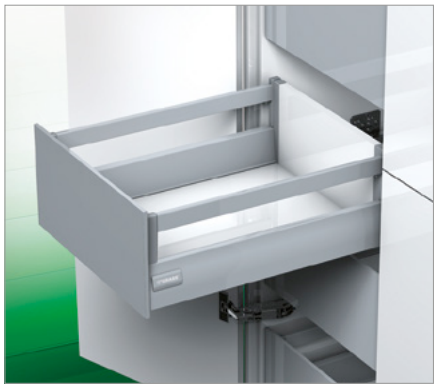
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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 with rectangular railing

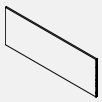


- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

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	**F092**101**380**	207	507*	**F102**101**377**	207	507*	**F102**101**379**	207	507*

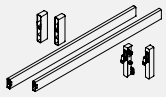
* incl. cardboard drilling template

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	
	F102109**573**	214		**F102**101**449**	214		**F102**101**451**	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	**F092**077**409**	507		**F092**072**183**	507		**F092**136**335**	507	
450	**F092**077**410**	507		**F092**072**184**	507		**F092**136**336**	507	
500	**F092**077**411**	507		**F092**072**185**	507		**F092**136**337**	507	
550	**F092**077**412**	507		**F092**072**186**	507		**F092**136**338**	507	

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



Description	Art.-no.	PU		
For screw fixing	**F092**101**589**	223		

5 Railing clip (front)
Single item: incl. screws, can be used on left/right



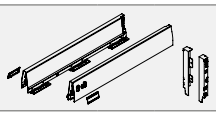
Description	Art.-no.	PU		
For screw fixing	**F102**101**587**	233		

6 Front-bottom connector (optional)
Single item



Description	Art.-no.	PU		
Recommended from KB 600	**F145**117**993**	223		

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



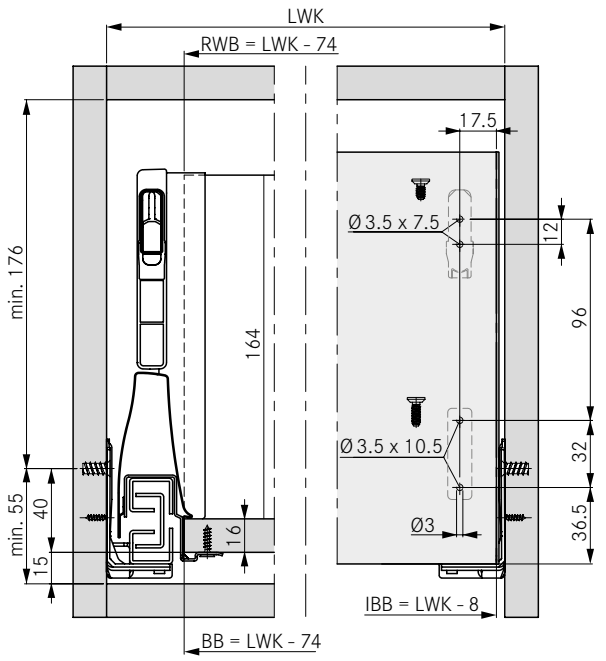
PAGE REFERENCES

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

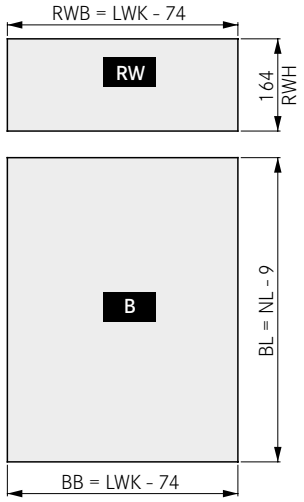
INSTALLATION INFORMATION

All dimensions in millimetres

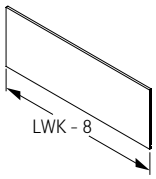
Installation dimensions



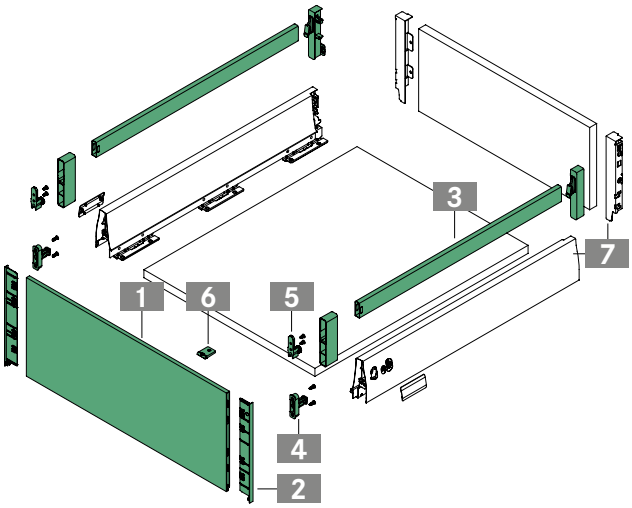
Cutting dimensions for 16 mm chipboard



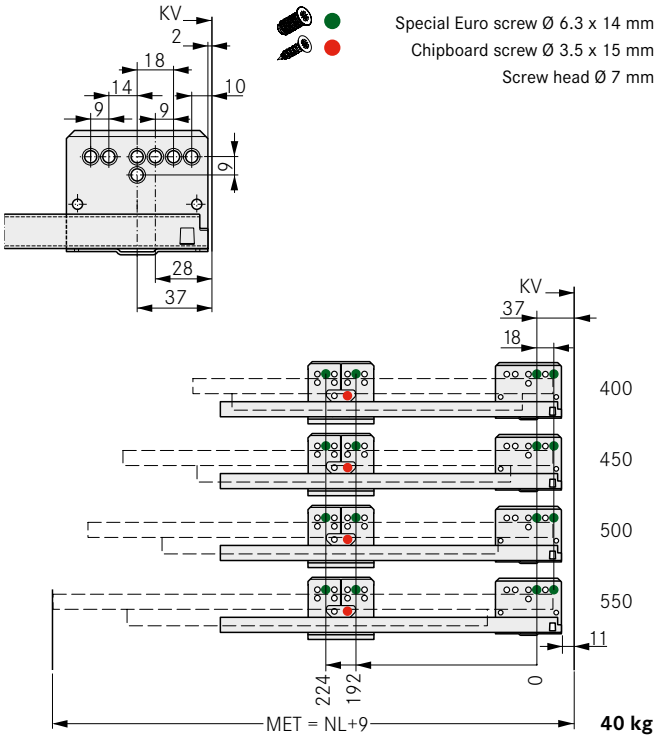
Cutting dimensions for front panel profile



Exploded view drawing



Fixing positions for full extension slide



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

LEGEND

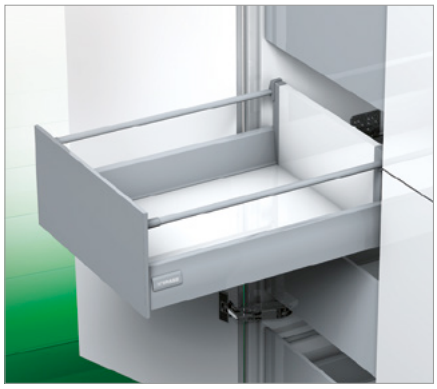
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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 with round railing

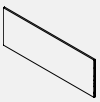


- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

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	**F092**101**380**	207	507*	**F102**101**377**	207	507*	**F102**101**379**	207	507*

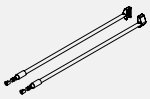
* incl. cardboard drilling template

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	
	F102109**573**	214		**F102**101**449**	214		**F102**101**451**	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	**F092**075**878**	513	223	**F092**075**879**	513	223	**F092**136**299**	513	
450	**F092**075**881**	513	223	**F092**075**882**	513	223	**F092**136**300**	513	
500	**F092**075**884**	513	223	**F092**075**885**	513	223	**F092**136**301**	513	
550	**F092**075**887**	513		**F092**075**888**	513		**F092**136**302**	513	
600	**F092**075**890**	513		**F092**071**890**	513		**F092**136**303**	513	

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



Description	Art.-no.	PU
For screw fixing	**F092**101**589**	223

5 Railing clip (front)
Single item: incl. screw, can be used on left/right



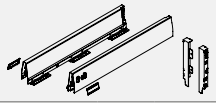
Description	Art.-no.	PU
For screw fixing	**F092**101**590**	223

6 Front-bottom connector (optional)
Single item



Description	Art.-no.	PU
Recommended from KB 600	**F145**117**993**	223

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

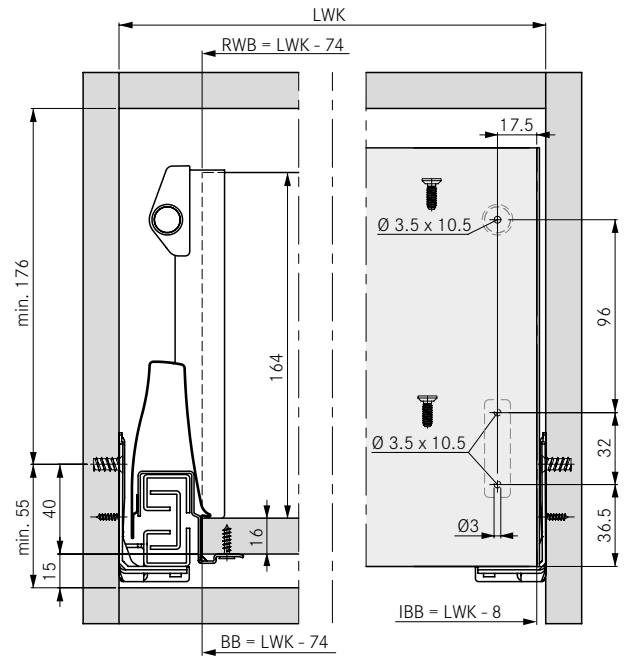


Drawer sides	11	Accessories	70	Sensomatic	81
Slides	50	Application examples	72	Organising systems	103
Add-on systems	64	Technical information	76	Assembly technology	124

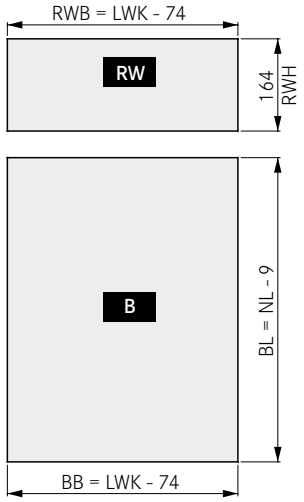
INSTALLATION INFORMATION

All dimensions in millimetres

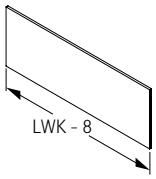
Installation dimensions



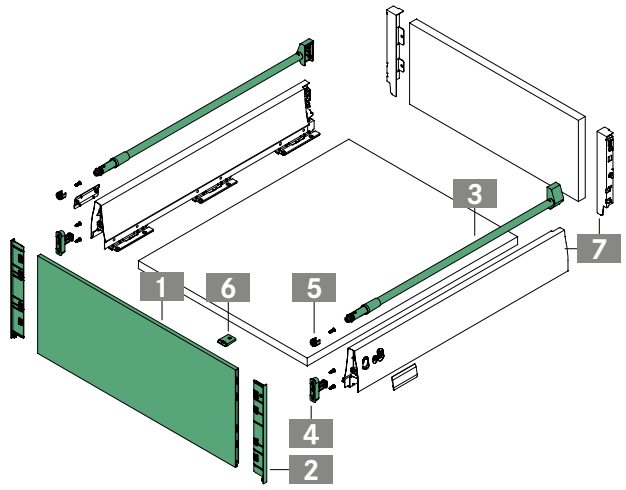
Cutting dimensions for 16 mm chipboard



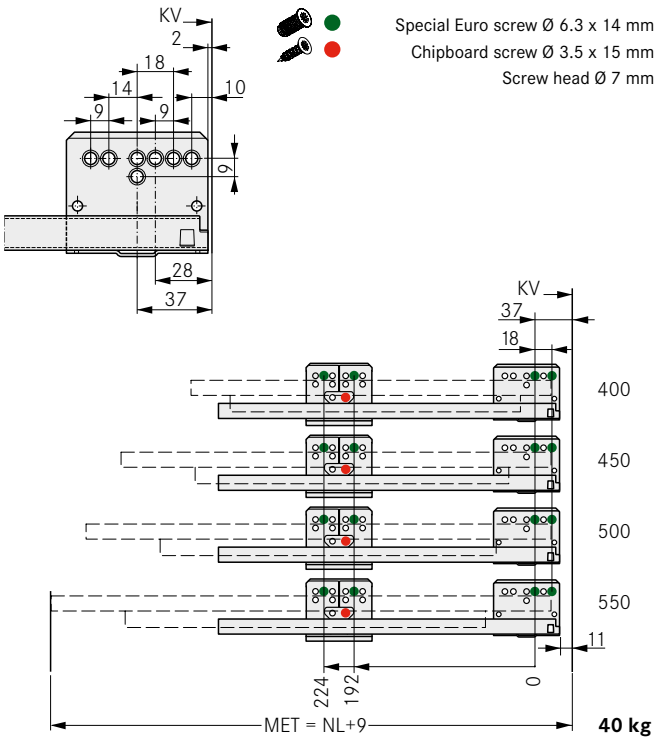
Cutting dimensions for front panel profile



Exploded view drawing



Fixing positions for full extension slide



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

LEGEND

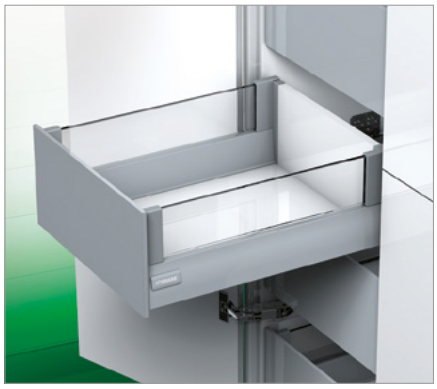
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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 with TOP add-on

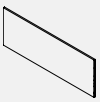


- Colour-coordinated aluminium front panel profile for cutting to length
- High-quality design with smooth inside and outside surfaces
- Identical dimensions as those of standard drawer (internal depth)

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	**F092**101**380**	207	507*	**F102**101**377**	207	507*	**F102**101**379**	207	507*

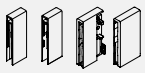
* incl. cardboard drilling template

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	
	F102109**573**	214		**F102**101**449**	214		**F102**101**451**	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	
	F092116**696**	223		**F092**116**698**	223		**F092**136**357**	513	

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



Description	Art.-no.	PU
For screw fixing	**F092**101**589**	223

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



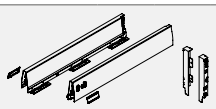
Description	Art.-no.	PU
For screw fixing	**F092**101**588**	223

6 Front-bottom connector (optional)
Single item



Description	Art.-no.	PU
Recommended from cabinet width 600	**F145**117**993**	223

7 DWD XP drawer sides H95 and clip H182 for wooden back panel
see pages 16 and 18



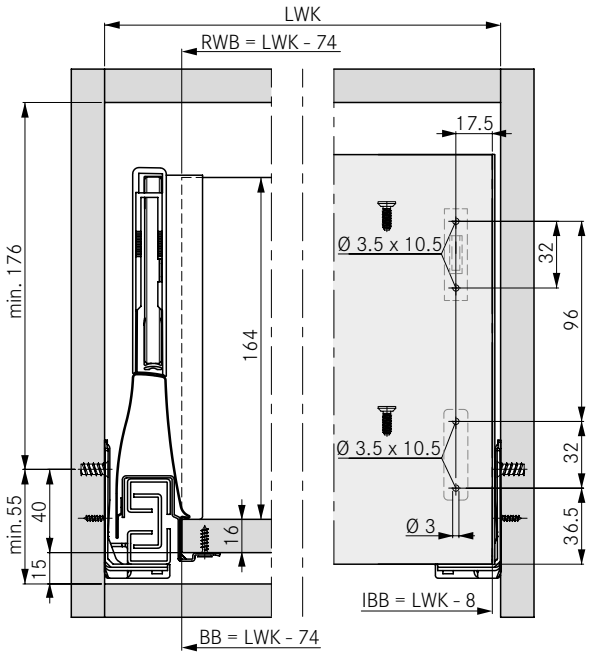
PAGE REFERENCES

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

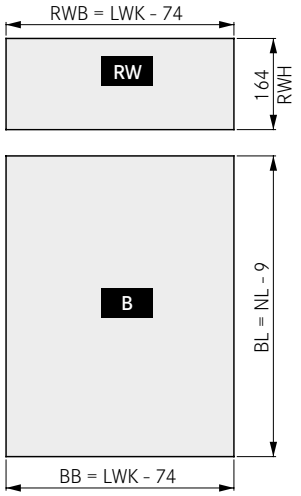
INSTALLATION INFORMATION

All dimensions in millimetres

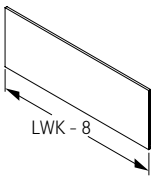
Installation dimensions



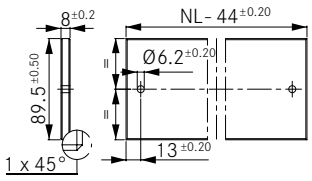
Cutting dimensions for 16 mm chipboard



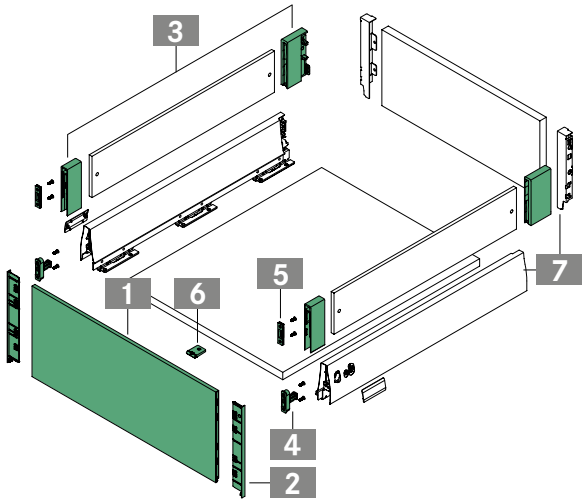
Cutting dimensions for front panel profile



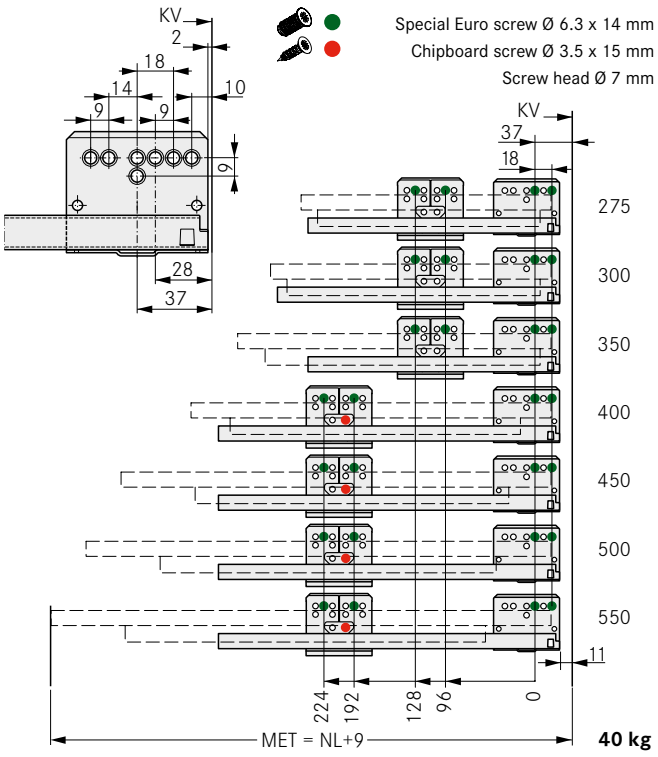
Glass cutting dim.



Exploded view drawing



Fixing positions for full extension slide



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

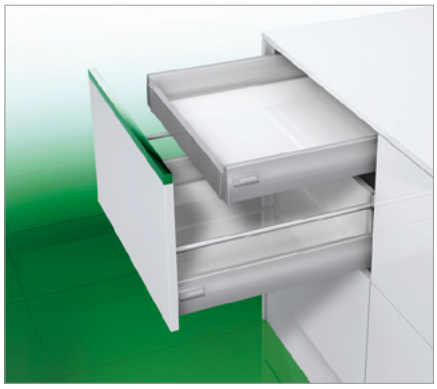
LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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
Inset drawer H95

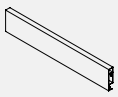


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

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



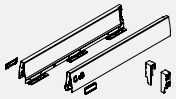
L	Aluminium metallic			White			Stone		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
1077	**F092**083**056**	211		**F092**083**077**	211		**F092**136**346**	211	

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



	Aluminium metallic			White			Stone		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
	F092083**068**	516	223	**F092**076**840**	516	223	**F092**136**343**	516	

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



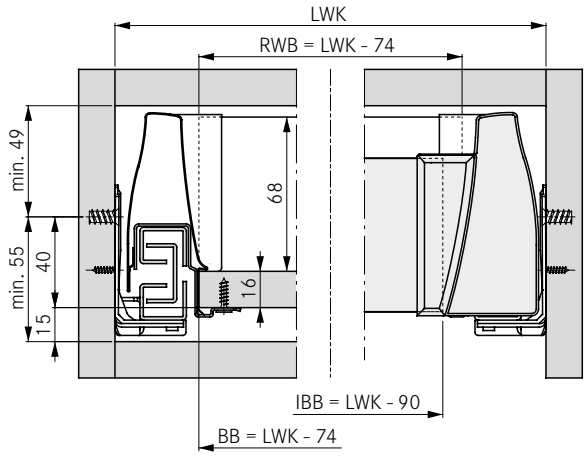
PAGE REFERENCES

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

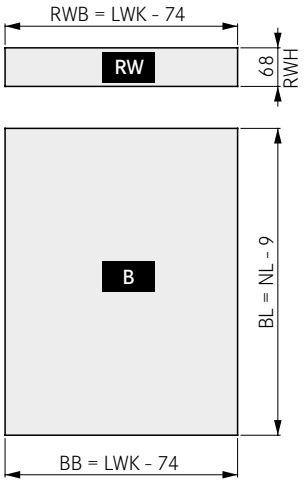
INSTALLATION INFORMATION

All dimensions in millimetres

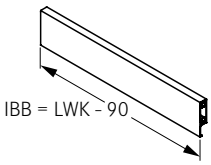
Installation dimensions



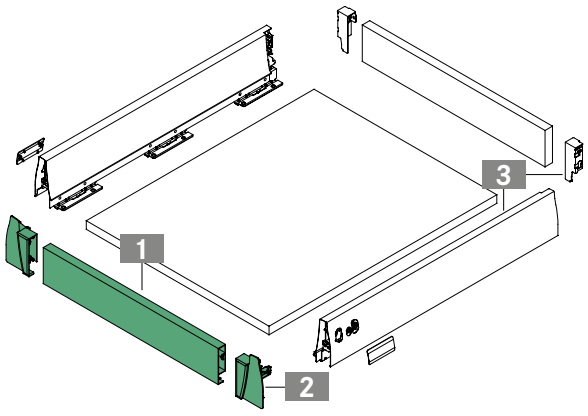
Cutting dimensions for 16 mm chipboard



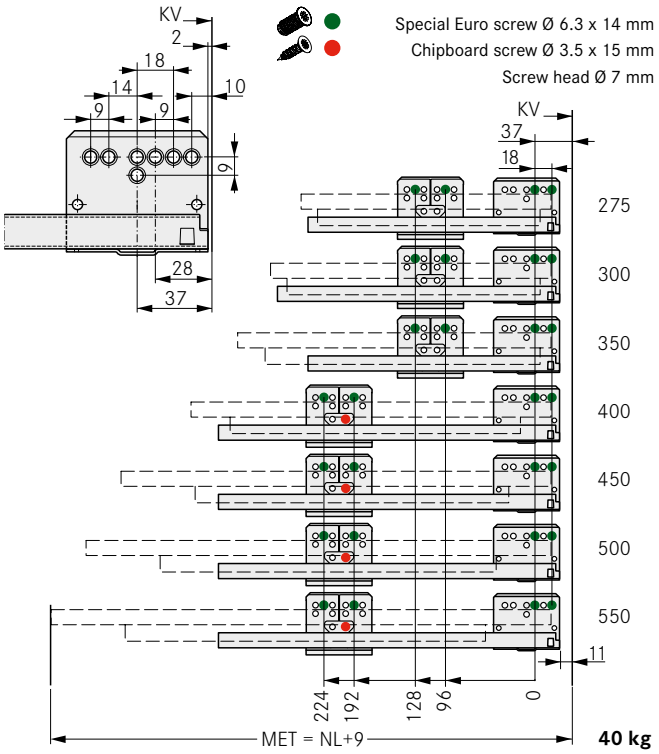
Cutting dimensions for front panel profile



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
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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

Inset drawer H95 with rectangular railing

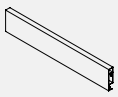


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

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



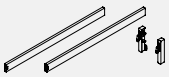
L	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
1077	F092083056	211	F092083077	211	F092136346	211

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



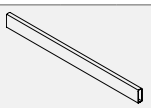
	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092077415	516	F092077416	516	F092136345	516

3 **Rectangular screw-on railing**
Set: Railing and railing clip (back), one left, one right



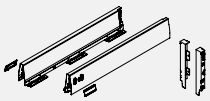
NL	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
400	F092077409	507	F092072183	507	F092136335	507
450	F092077410	507	F092072184	507	F092136336	507
500	F092077411	507	F092072185	507	F092136337	507
550	F092077412	507	F092072186	507	F092136338	507

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



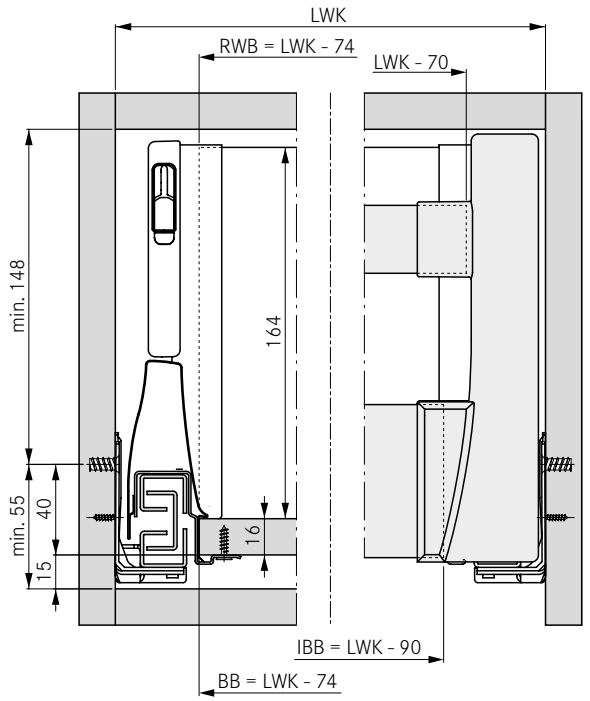
PAGE REFERENCES

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

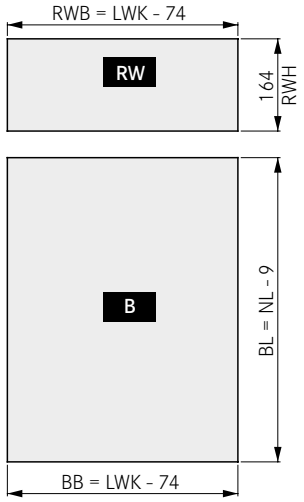
INSTALLATION INFORMATION

All dimensions in millimetres

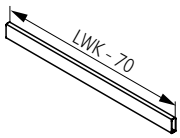
Installation dimensions



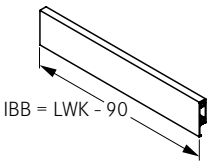
Cutting dimensions for 16 mm chipboard



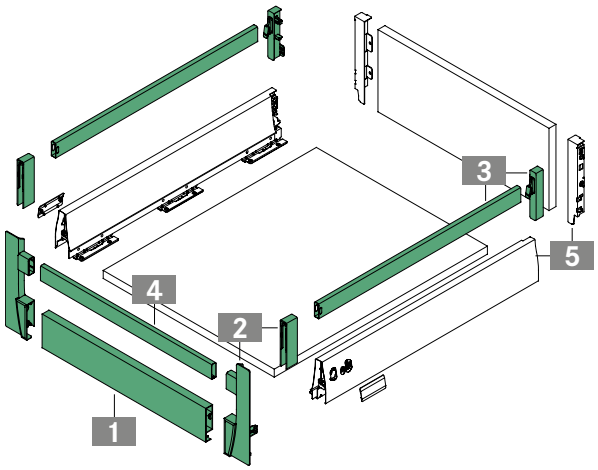
Cutting dimensions for rectangular railing profile



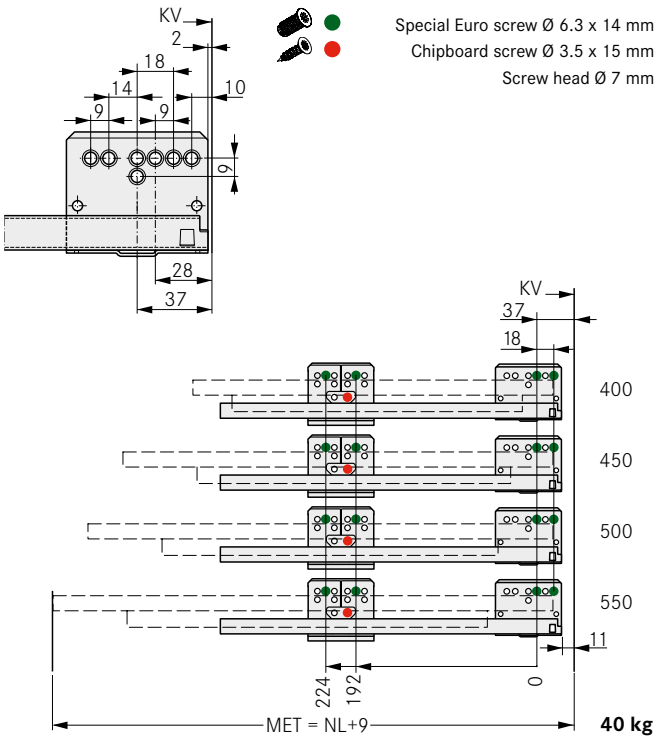
Cutting dimensions for front panel profile



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
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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

Inset drawer H95 with round railing

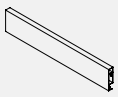


- Colour-coordinated aluminium front panel profile for cutting to length
- Easy to fit

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



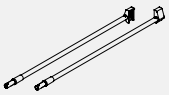
L	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
1077	F092083056	211	F092083077	211	F092136346	211

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



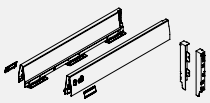
NL	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
400	F092078012	513	F092078015	513	F092136299	513
450	F092078013	513	F092078016	513	F092136300	513
500	F092082446	513	F092082447	513	F092136301	513
550	F092116378	513	F092078017	513	F092136302	513
600	F092078014	513	F092078018	513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



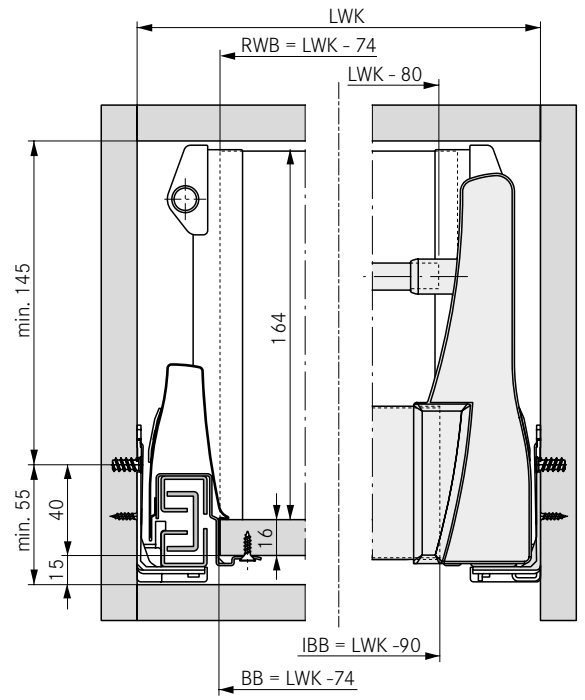
PAGE REFERENCES

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

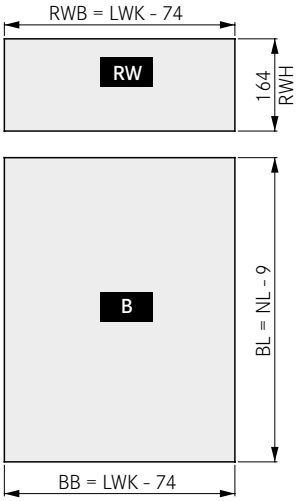
INSTALLATION INFORMATION

All dimensions in millimetres

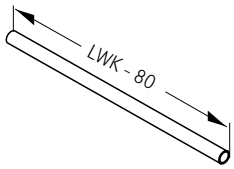
Installation dimensions



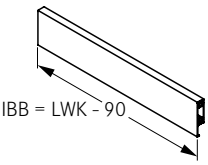
Cutting dimensions for 16 mm chipboard



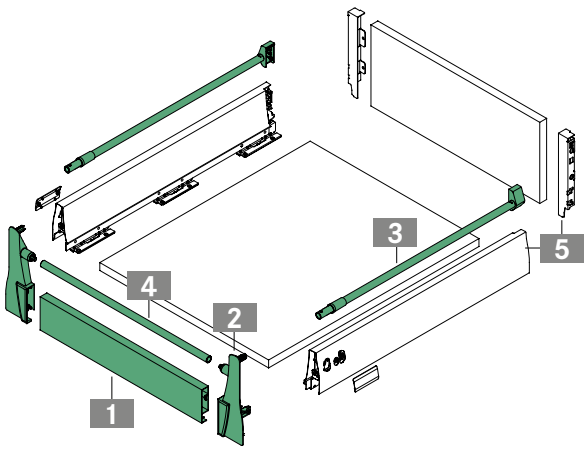
Cutting dimensions for round railing profile



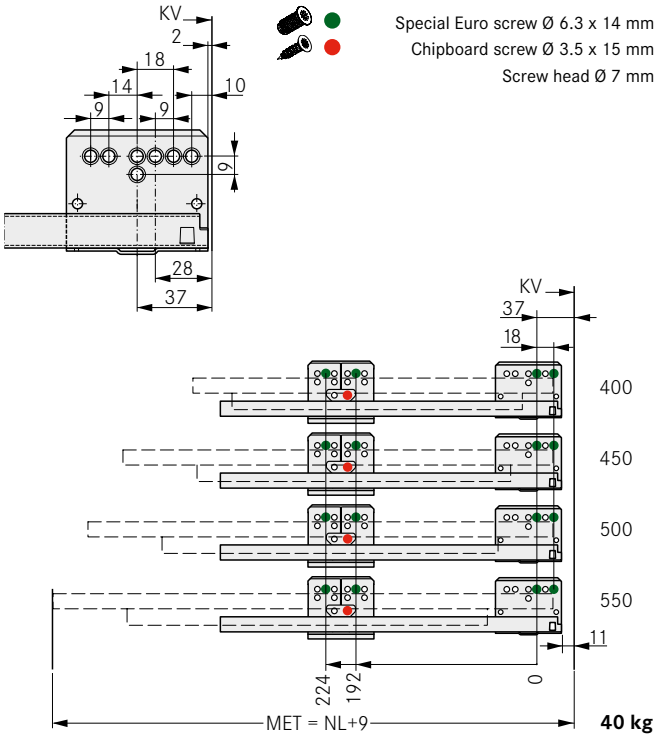
Cutting dimensions for front panel profile



Exploded view drawing



Fixing positions for full extension slide



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

LEGEND

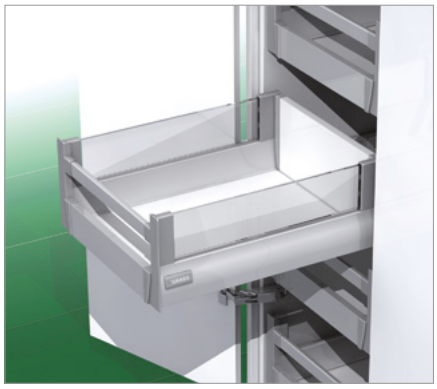
B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width

KV	Front edge of cabinet
L	Length
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

Inset drawer H95 with rectangular railing and TOP add-on

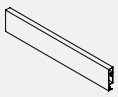


- Elegant add-on system
- Colour-coloured aluminium front panel profile for cutting to length
- Easy to fit

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



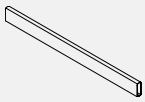
L	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
1077	**F092**083**056**	211	**F092**083**077**	211	**F092**136**346**	211

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



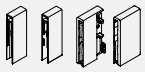
	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092077**415**	516	**F092**077**416**	516	**F092**136**345**	516

3 **Rectangular cross railing**
Single item: For cutting to length



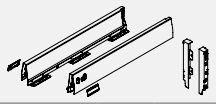
L	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
1150	**F092**077**417**	211	**F092**076**916**	211	**F092**136**342**	211

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
	F092116**696**	223	**F092**116**698**	223	**F092**136**357**	513

5 **DWD XP drawer sides H95 and clip H182 for wooden back panel**
see pages 16 and 18



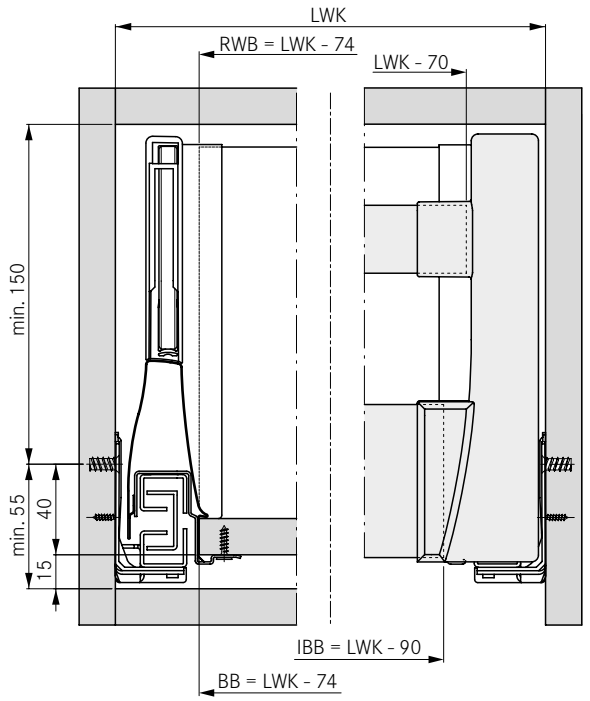
PAGE REFERENCES

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

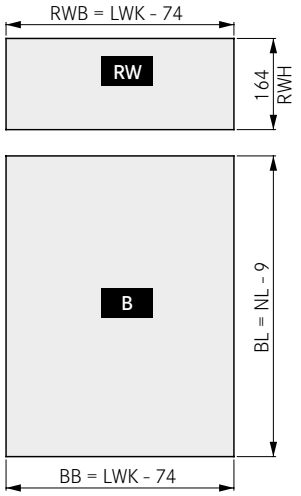
INSTALLATION INFORMATION

All dimensions in millimetres

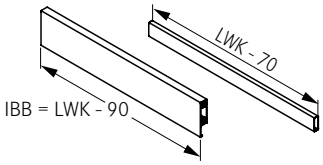
Installation dimensions



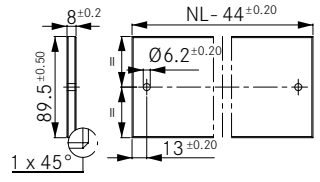
Cutting dimensions for 16 mm chipboard



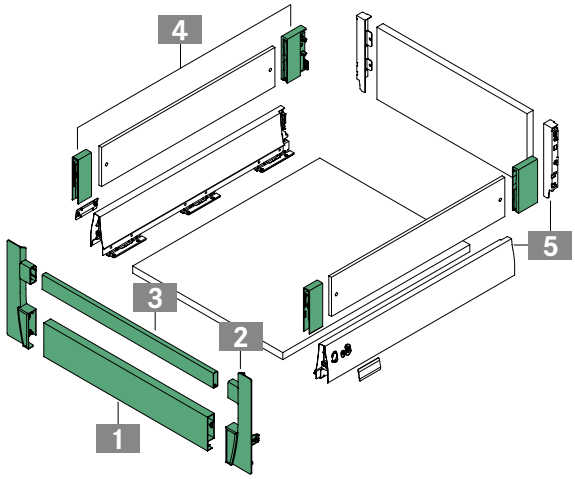
Cutting dimensions for front panel and rectangular profile



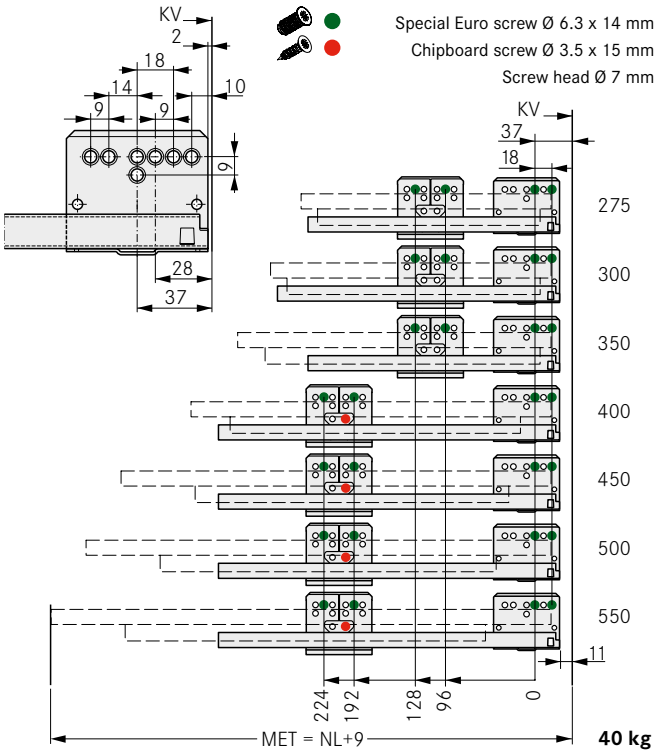
Glass cutting dim.



Exploded view drawing



Fixing positions for full extension slide



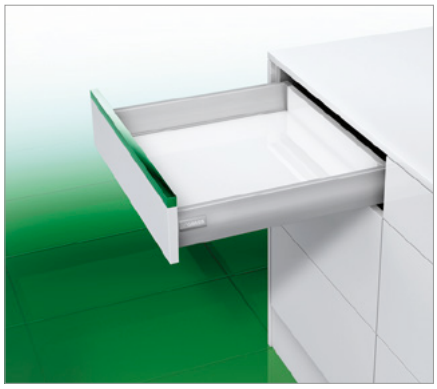
Note: Full extension slide, 60 kg, see Slides section (from page 52)

LEGEND

B	Bottom panel
BB	Bottom panel width
BL	Bottom panel length
IBB	Inset panel width
KV	Front edge of cabinet
L	Length
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 SOFT-CLOSE

Full extension slide, 40 kg

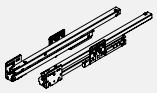


- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 40 kg

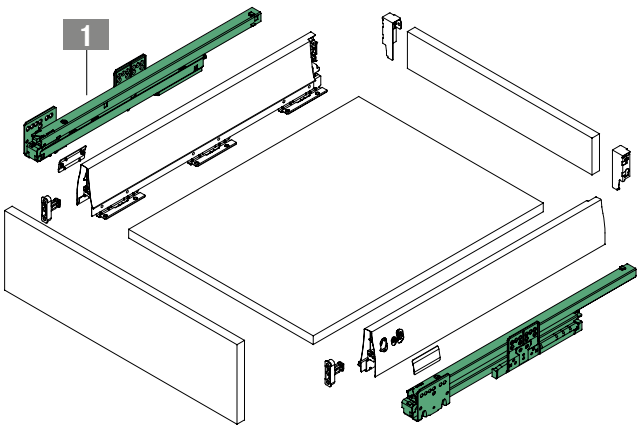
Packaging unit (PU):
211 = 20 units in a cardboard box

ORDER INFORMATION

1 **DWD XP full extension slide, 40 kg, Soft-close**
Set: One left, one right



NL	Art.-no.	PU
275	**F091**075**473**	211
300	**F091**077**407**	211
350	**F091**075**474**	211
400	**F091**075**475**	211
450	**F091**075**476**	211
500	**F091**075**477**	211
550	**F091**075**478**	211



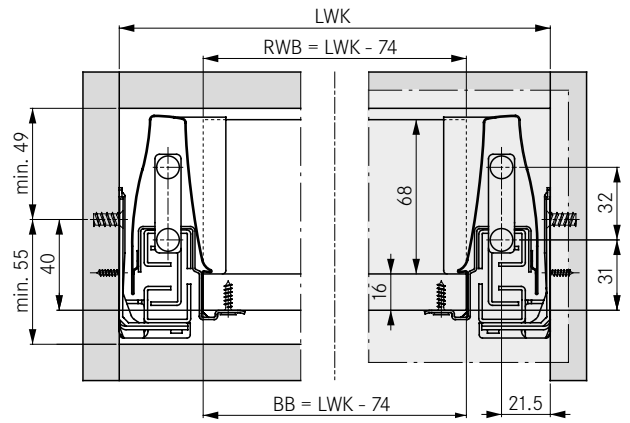
PAGE REFERENCES

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

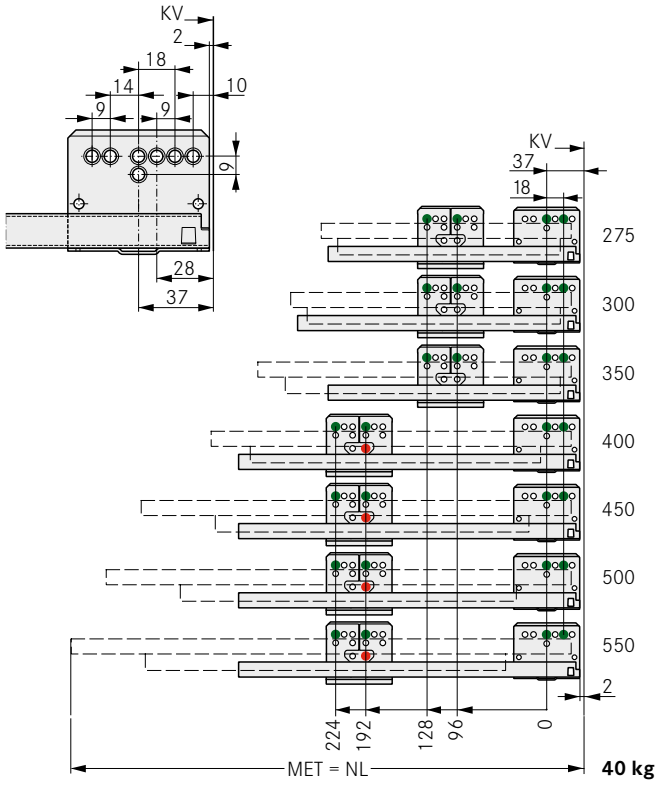
INSTALLATION INFORMATION

All dimensions in millimetres

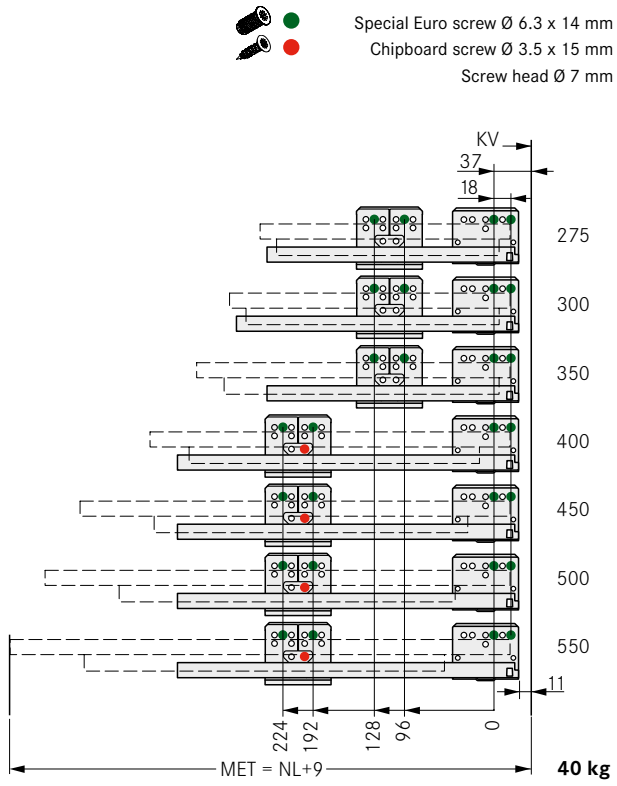
Installation dimensions



Fastening positions for full extension slide – drawer



Fastening positions for full extension slide - inset drawer



LEGEND

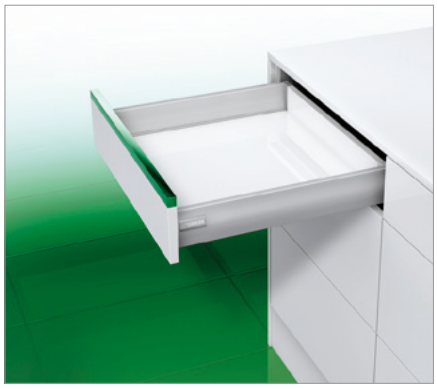
B	Bottom panel
BB	Bottom panel width
FAS	Front overlay, side
FST	Front overlay

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
VAR	Can be chosen

DWD XP SOFT-CLOSE

Full extension slide, 60 kg

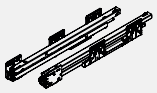


- Fully synchronised slide technology without mid-way knock
- Integrated Soft-close technology
- Excellent running characteristics
- Maximum lateral stability
- Minimum drawer deflection
- Safety lock and transport protection
- Suitable for all DWD XP drawer sides
- Load capacity 60 kg

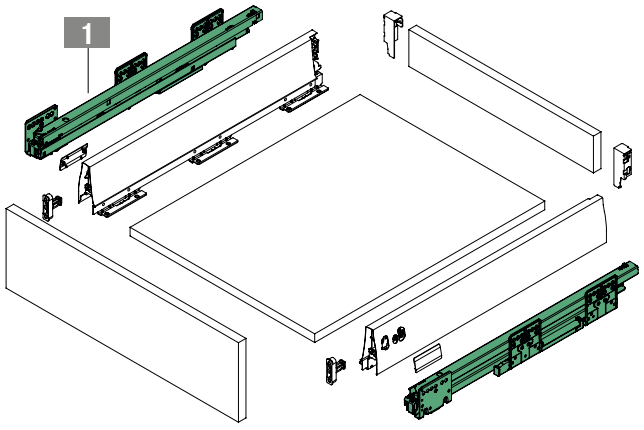
Packaging unit (PU):
211 = 20 units in a cardboard box

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			



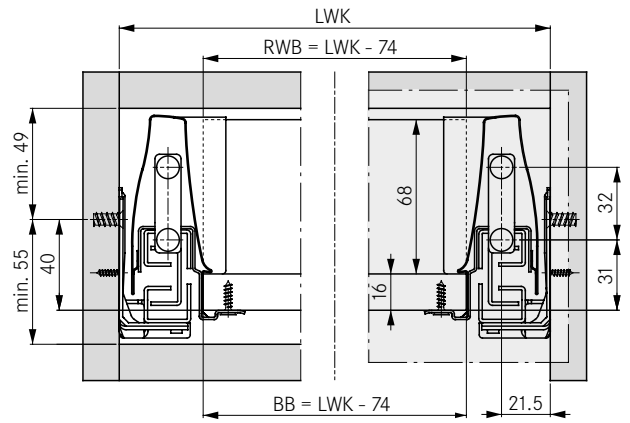
PAGE REFERENCES

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

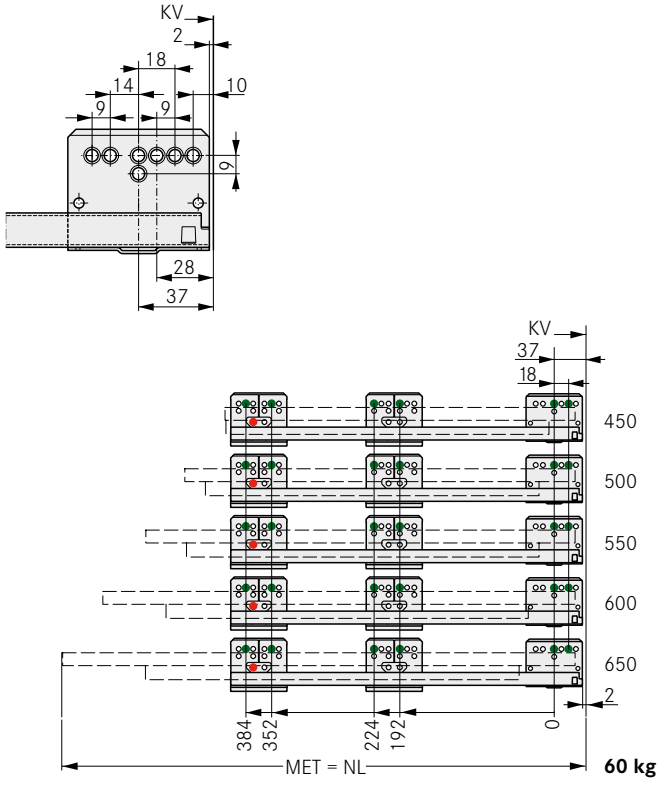
INSTALLATION INFORMATION

All dimensions in millimetres

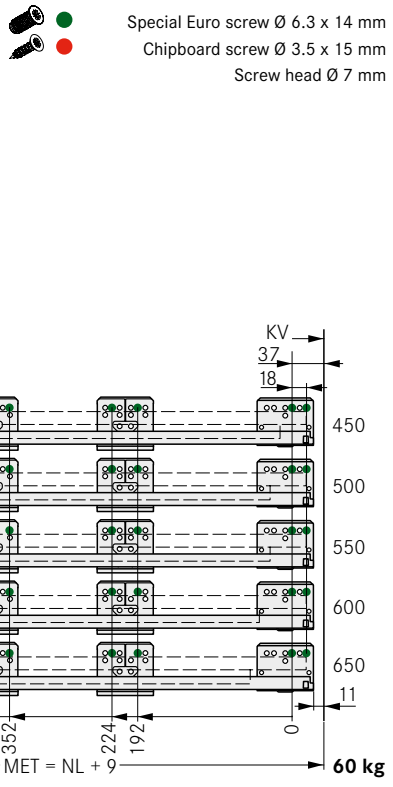
Installation dimensions



Fastening positions for full extension slide – drawer



Fastening positions for full extension slide – inset drawer

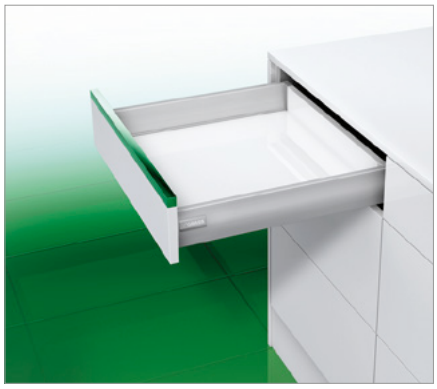


LEGEND

B	Bottom panel
BB	Bottom panel width
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
VAR	Can be chosen

DWD XP TIPMATIC

Full extension slide, 40 kg

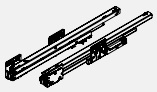


- Mechanical opening system for handle-free fronts
- Tipmatic ejector unit integrated into the slide
- Excellent running characteristics
- Fully synchronised slide technology
- Optimum opening by tapping in the middle third of the front width
- Integrated front gap adjustment + 2.0 mm
- Safety lock and 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

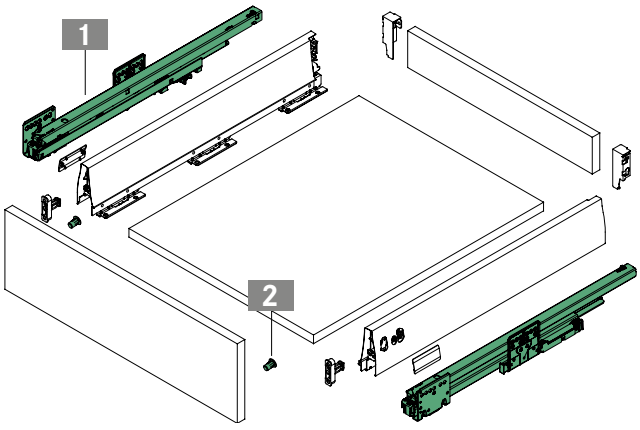


NL	Art.-no.	PU			
275	**F091136592**	207			
300	**F091136595**	207			
350	**F091136598**	207			
400	**F091136601**	207			
450	**F091136604**	207			
500	**F091136607**	207			
550	**F091136610**	207			

2 **Front buffer**
Single item



	Art.-no.	PU			
	F145068399	123			



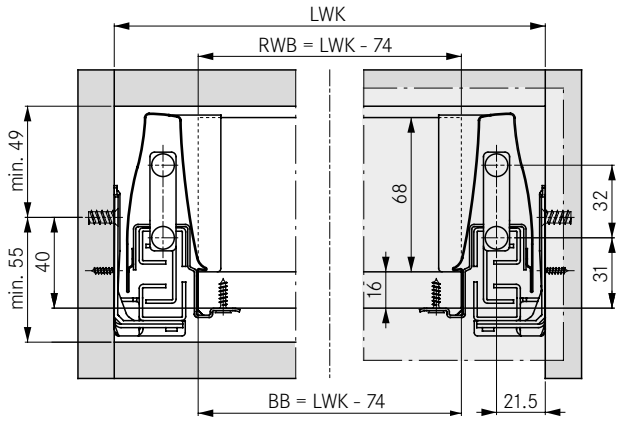
PAGE REFERENCES

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

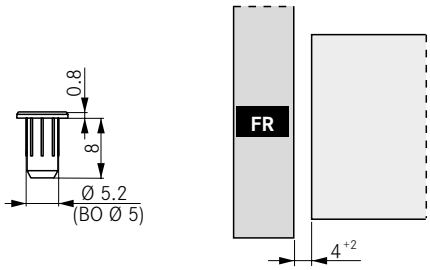
INSTALLATION INFORMATION

All dimensions in millimetres

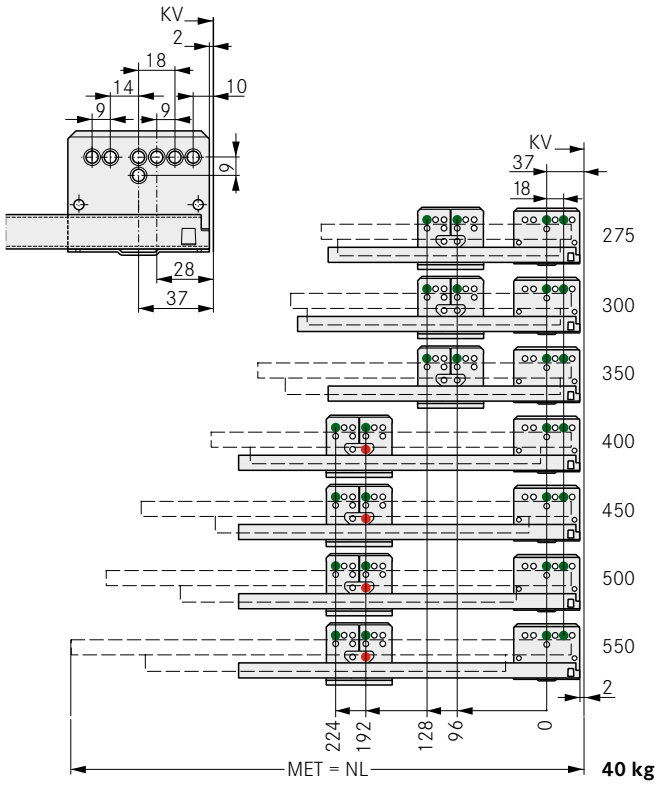
Installation dimensions



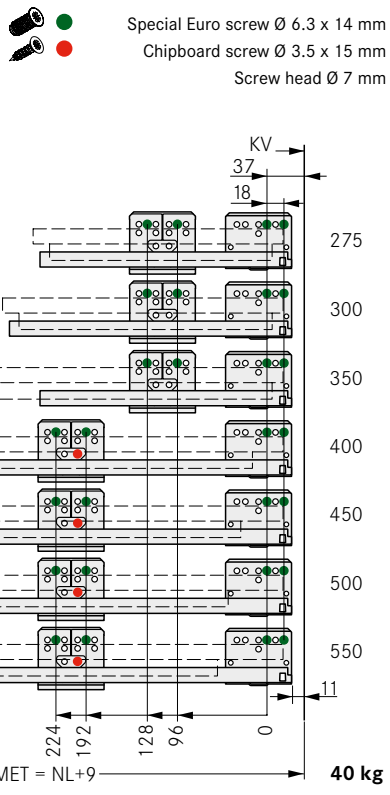
Front buffer and front gap



Fastening positions for full extension slide – drawer



Fastening positions for full extension slide – inset drawer

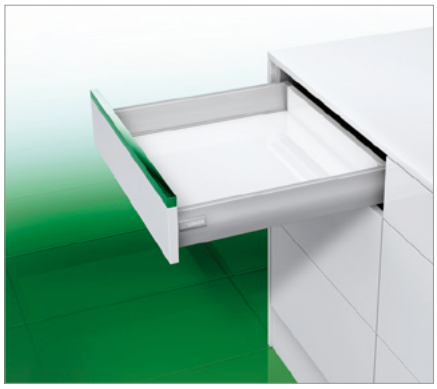


LEGEND

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 TIPMATIC

Full extension slide, 60 kg

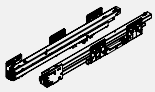


- Mechanical opening system for handle-free fronts
- Tipmatic ejector unit integrated into the slide
- Excellent running characteristics
- Fully synchronised slide technology
- Optimum opening by tapping in the middle third of the front width
- Integrated front gap adjustment + 2.0 mm
- Safety lock and 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

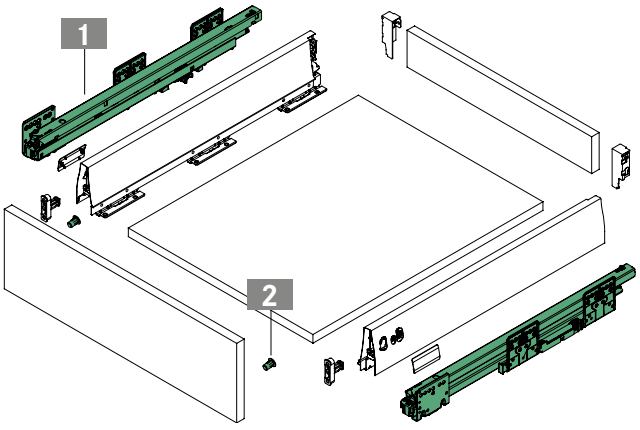


NL	Art.-no.	PU			
500	**F091136613**	207			
550	**F091136616**	207			
600	**F091136619**	207			
650	**F091136622**	207			

2 **Front buffer**
Single item



	Art.-no.	PU			
	F145068399	123			



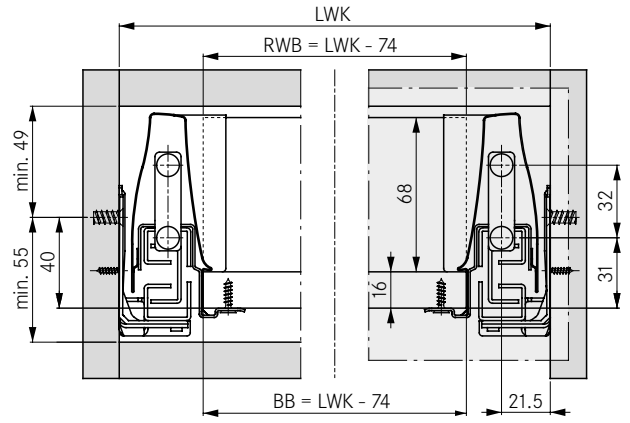
PAGE REFERENCES

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

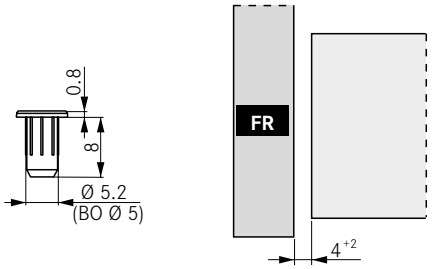
INSTALLATION INFORMATION

All dimensions in millimetres

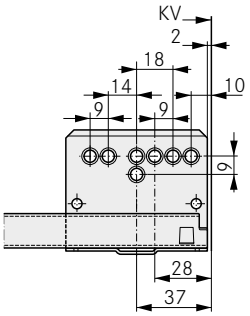
Installation dimensions

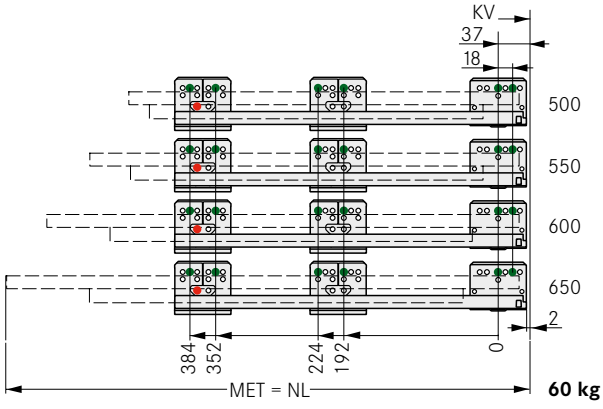


Front buffer and front gap



Fastening positions for full extension slide – drawer

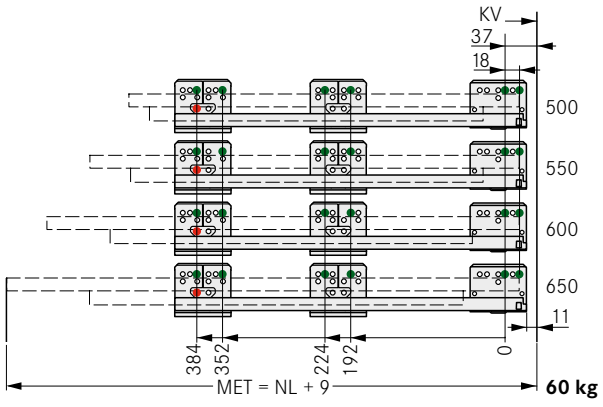




Fastening positions for full extension slide – inset drawer



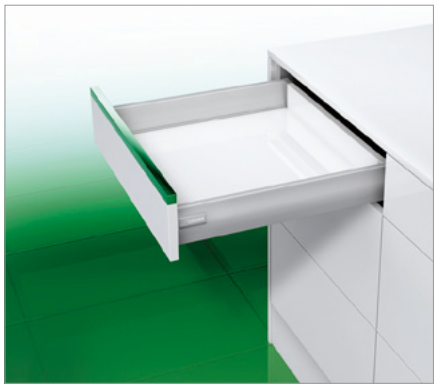
Special Euro screw Ø 6.3 x 14 mm
Chipboard screw Ø 3.5 x 15 mm
Screw head Ø 7 mm



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
Drawer H95 - flat pack

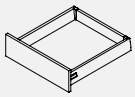


- Flat-pack set packaging
- All GRASS components for one drawer in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

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

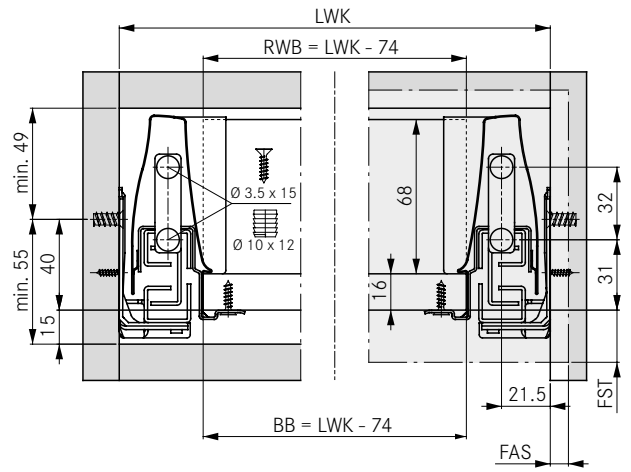
PAGE REFERENCES

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

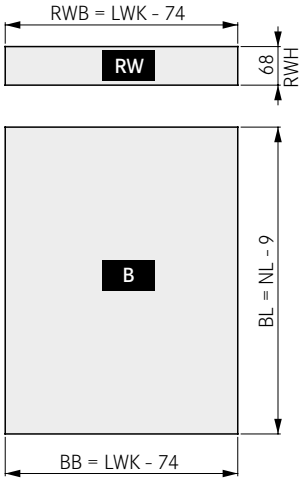
INSTALLATION INFORMATION

All dimensions in millimetres

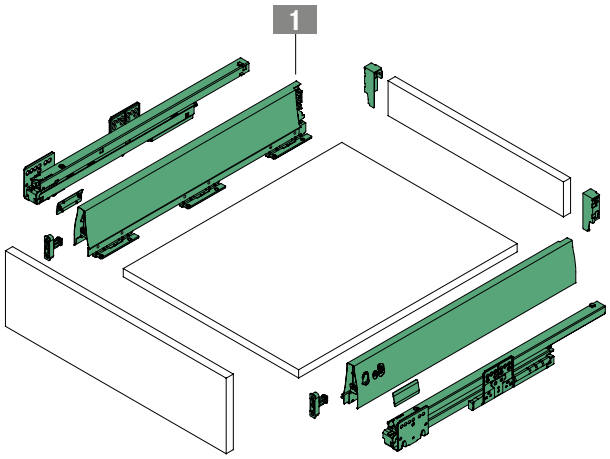
Installation dimensions



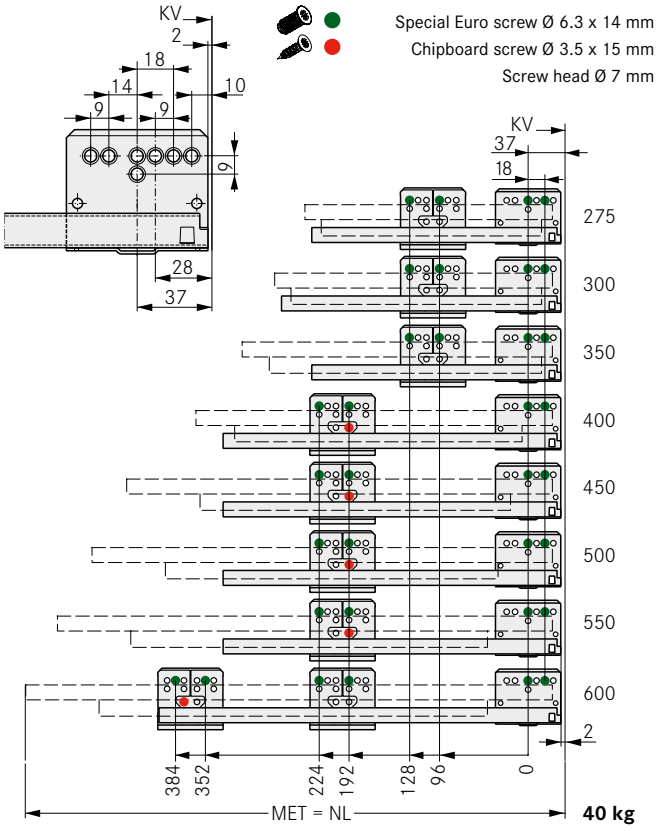
Cutting dimensions for 16 mm chipboard



Exploded view drawing



Fixing positions for full extension drawer



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

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 rectangular railing - flat pack

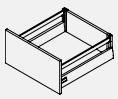


- Flat-pack set packaging
- All GRASS components for one pot drawer with rectangular railing in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

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



NL	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
400	**F090**135**415**	201	**F090**135**414**	201	**F090**136**278**	201
450	**F090**135**418**	201	**F090**135**417**	201	**F090**136**279**	201
500	**F090**135**421**	201	**F090**135**420**	201	**F090**136**280**	201
550	**F090**135**424**	201	**F090**135**423**	201	**F090**136**281**	201

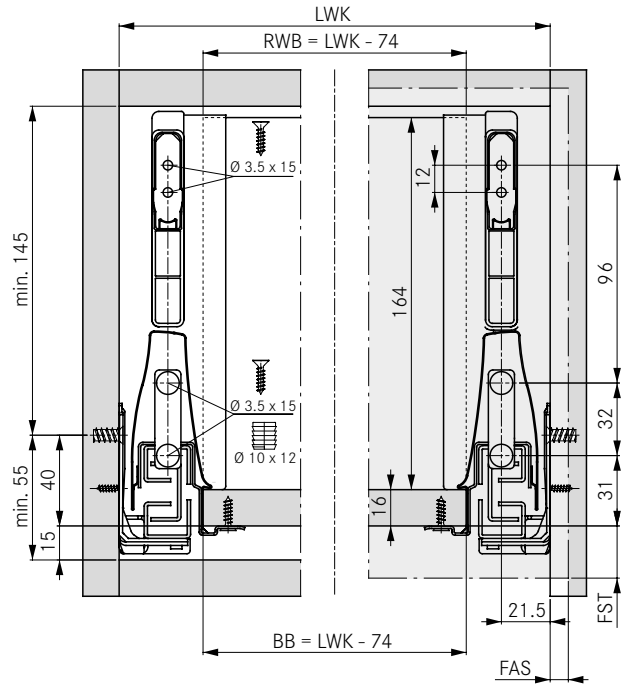
PAGE REFERENCES

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

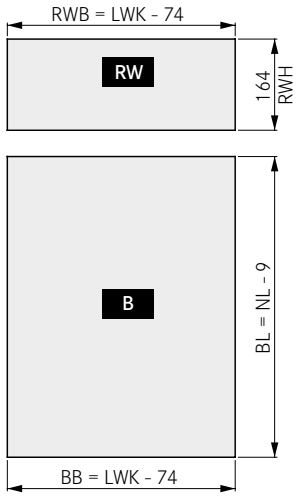
PLANNING DIMENSIONS

All dimensions in millimetres

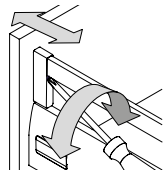
Installation dimensions



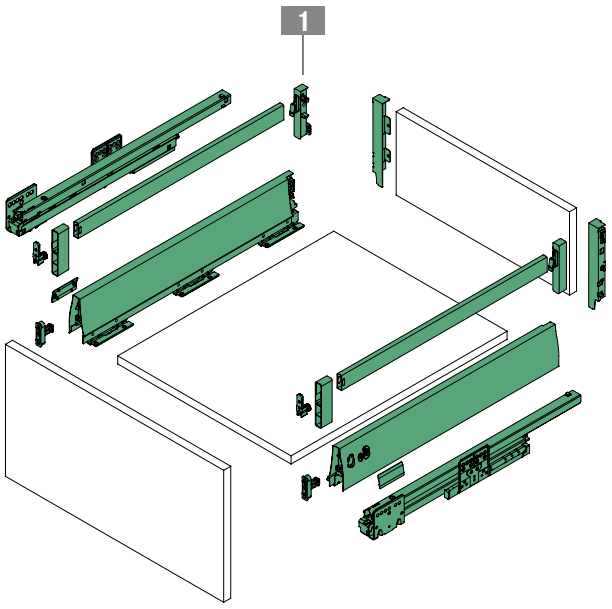
Cutting dimensions for 16 mm chipboard



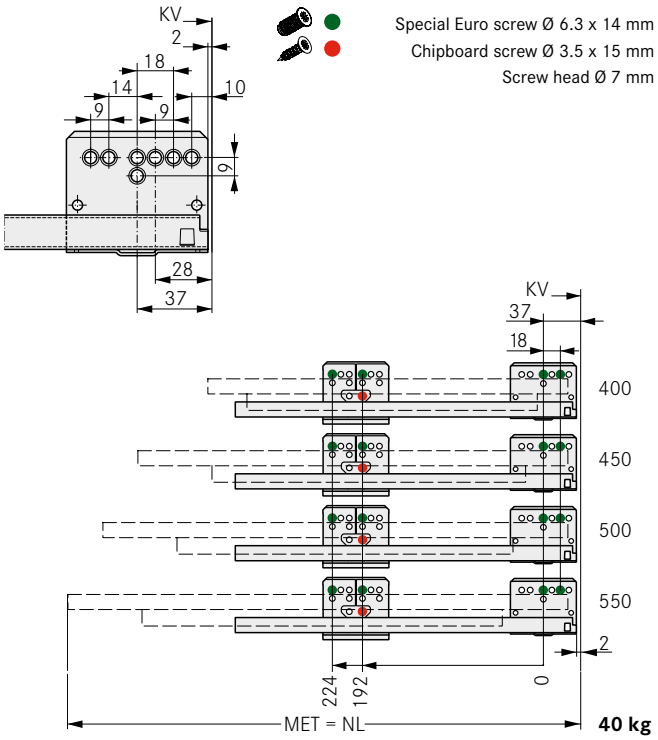
Front tilt angle adjustment



Exploded view drawing



Fixing positions for full extension drawer



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

LEGEND

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

DWD XP

Pot drawer H95 with round railing - flat pack

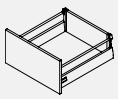


- Flat-pack set packaging
- All GRASS components for one pot drawer with round railing in one package
- All parts clearly arranged and immediately at hand
- The small volume of the package saves storage space

Packaging unit (PU):
201 = 1 unit in a cardboard box

ORDER INFORMATION

1 **DWD XP pot drawer H95 with round railing**
Set: Drawer side H95 incl. cover cap, slide (Soft-close, 40 kg), clip 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	**F090**075**406**	201	**F090**116**371**	201	**F090**136**274**	201
450	**F090**075**408**	201	**F090**075**409**	201	**F090**136**275**	201
500	**F090**075**410**	201	**F090**075**411**	201	**F090**136**276**	201
550	**F090**075**413**	201	**F090**116**372**	201	**F090**136**277**	201

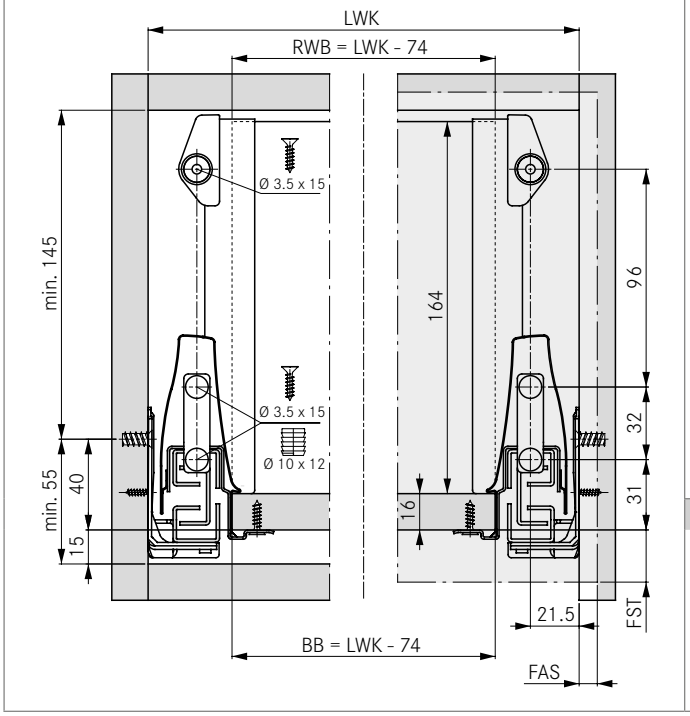
PAGE REFERENCES

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

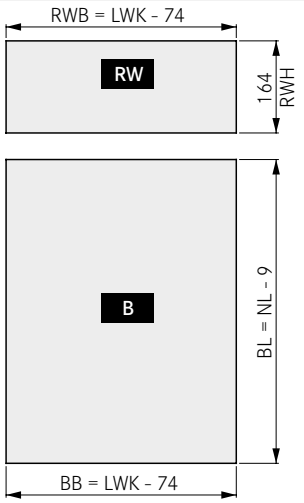
INSTALLATION INFORMATION

All dimensions in millimetres

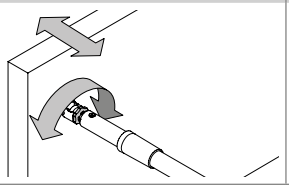
Installation dimensions



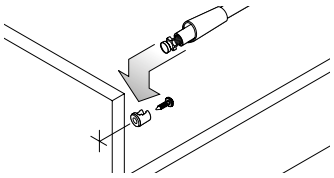
Cutting dimensions for 16 mm chipboard



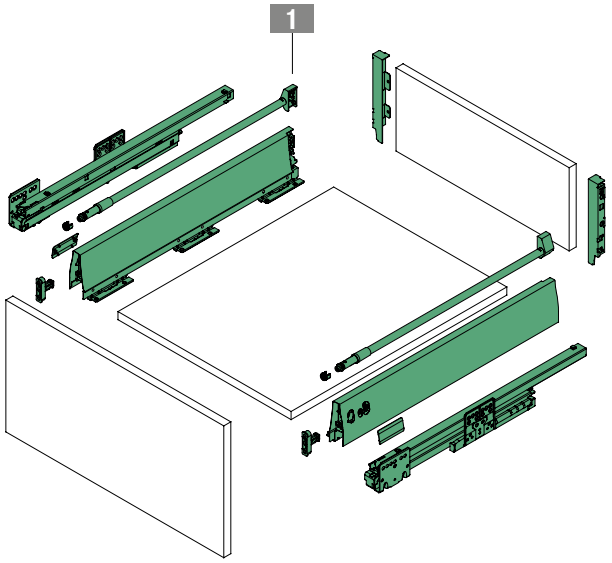
Front tilt angle adjustment



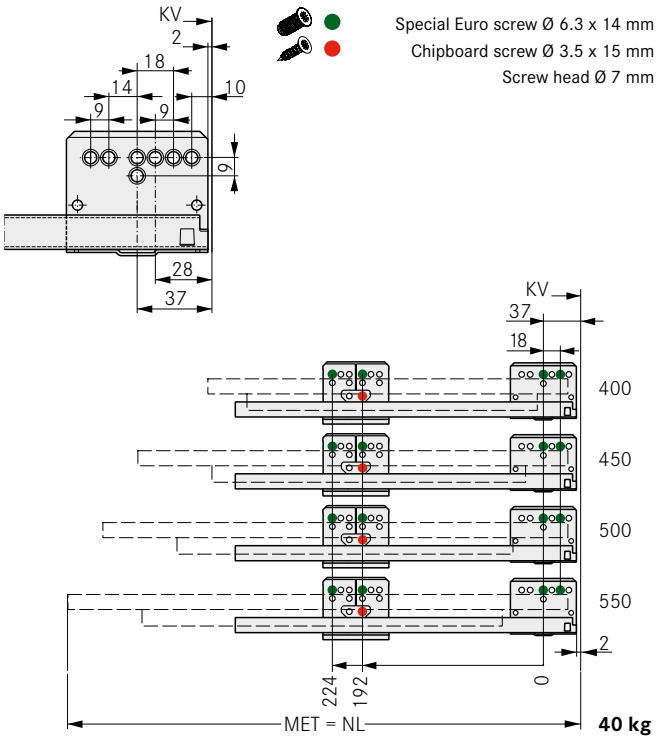
Screw-on installation of railing



Exploded view drawing



Fixing positions for full extension drawer



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

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

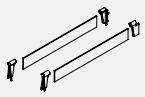


- Elegant add-on system for round railing
- Individual design by using different materials as inserts, such as glass or plastic
- Easy installation without tools
- Can be complemented by the Magic Optima dividing system
- Suitable for 4 mm slide-in elements
- Acrylic glass set available

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



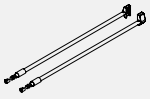
NL	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
500	F092082604	511	F092077402	511	F092136348	511
550	F092082606	511	F092077403	511	F092136349	511
650	F092082607	511	F092079041	511	F092136350	511

2 **Variowing clip**
Set: Clip (front/back), one left, one right

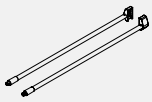


	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092082588	517	F092076843	517	F092136347	517

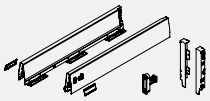
3 **Round screw-on railing**
see page 22



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**



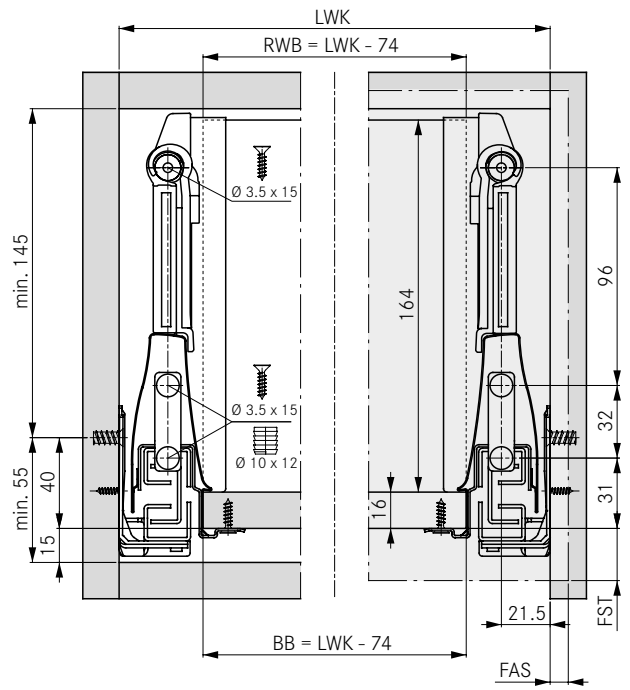
PAGE REFERENCES

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

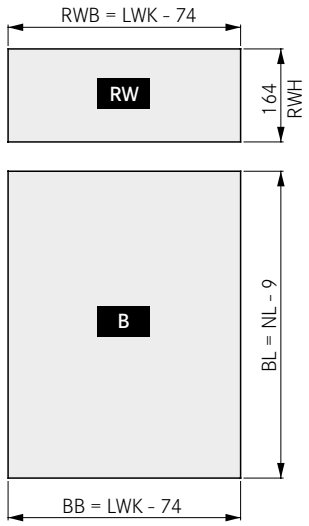
INSTALLATION INFORMATION

All dimensions in millimetres

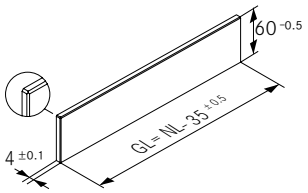
Installation dimensions



Cutting dimensions for 16 mm chipboard

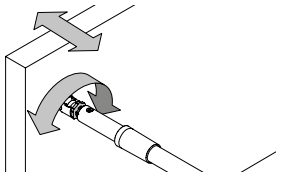


Glass cutting dim.



NL	GL
350	315
400	365
450	415
500	465
550	515
600	565
650	615

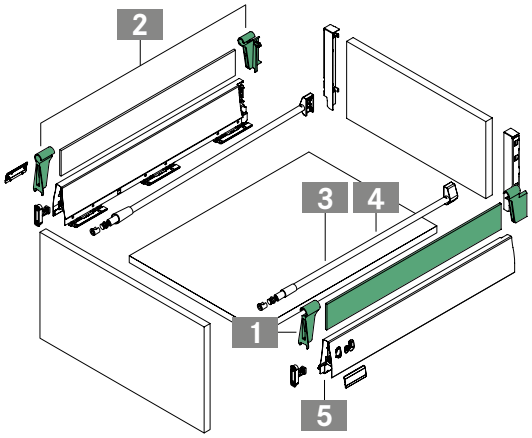
Front tilt angle adjustment



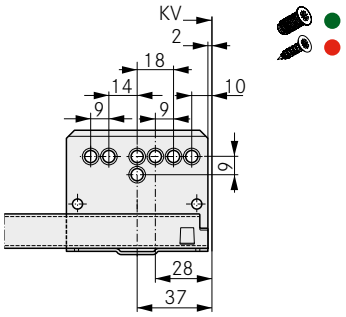
Note

All glass edges must be chamfered (approx. 0.7 mm x 45°).
GRASS recommends TSG.*
*(toughened safety glass)

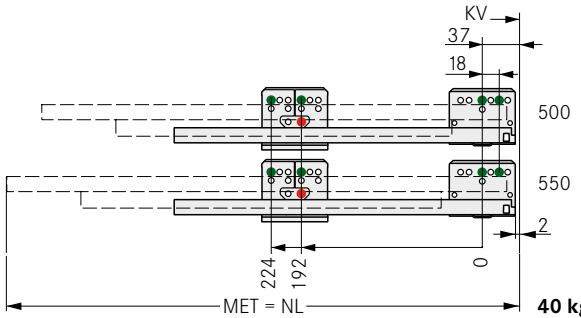
Exploded view drawing



Fixing positions for full extension drawer



Special Euro screw Ø 6.3 x 14 mm
Chipboard screw Ø 3.5 x 15 mm
Screw head Ø 7 mm



40 kg

Note: Full extension slide, 60 kg, see Slides section (from page 48)

LEGEND

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

GL	Glass length
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

Duowing

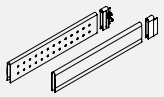


- High-quality, double-wall add-on system for round railing
- Optimally matched to drawer side design
- Available in 2 colours
- Easy installation without tools
- Can be complemented by the Magic Optima and Magic Classic dividing systems

Packaging unit (PU):
201 = 1 unit in a cardboard box
207 = 10 units in a cardboard box

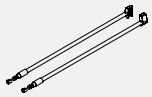
ORDER INFORMATION

1 **Duowing set**
Duowing and clip, one left, one right

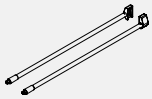


NL	Aluminium metallic			White			Stone		
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU	
400	**F092082567**	201	207	**F092082583**	201		**F092136351**	201	
450	**F092082570**	201	207	**F092082584**	201		**F092136352**	201	
500	**F092082572**	201	207	**F092082585**	201		**F092136353**	201	
550	**F092082576**	201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

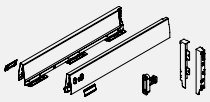
2 **Round screw-on railing**
see page 22



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**



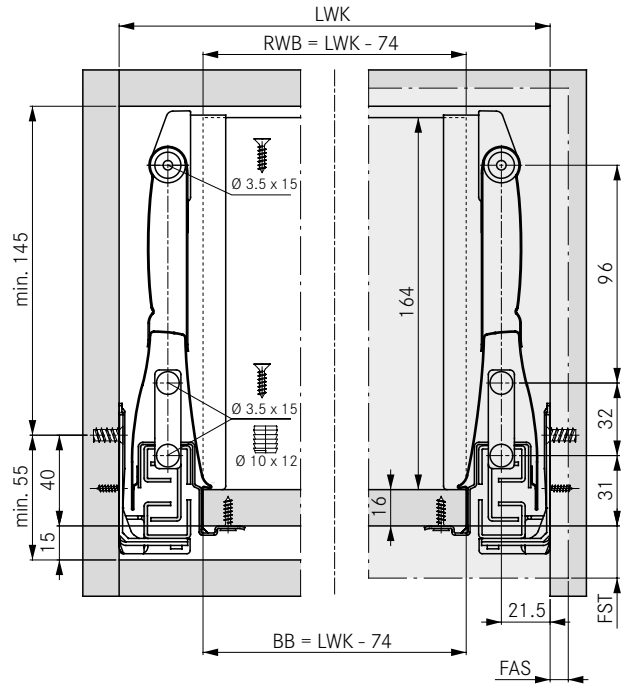
PAGE REFERENCES

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

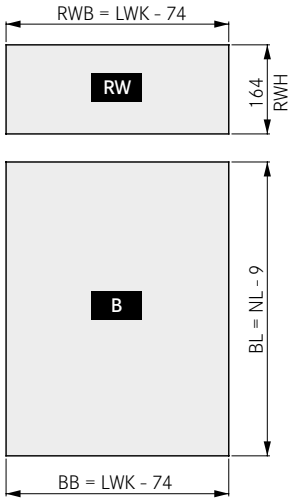
PLANNING DIMENSIONS

All dimensions in millimetres

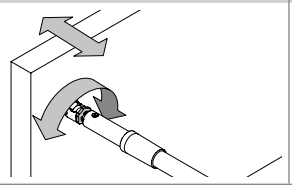
Installation dimensions



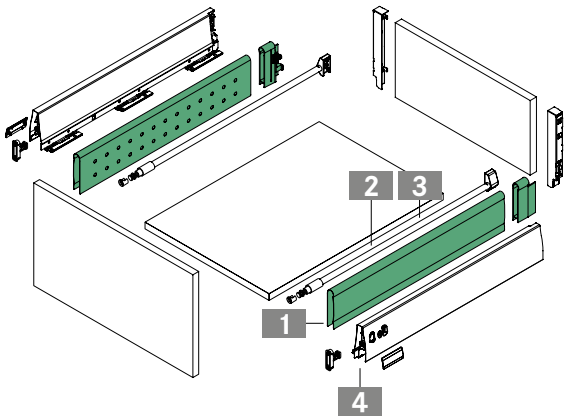
Cutting dimensions for 16 mm chipboard



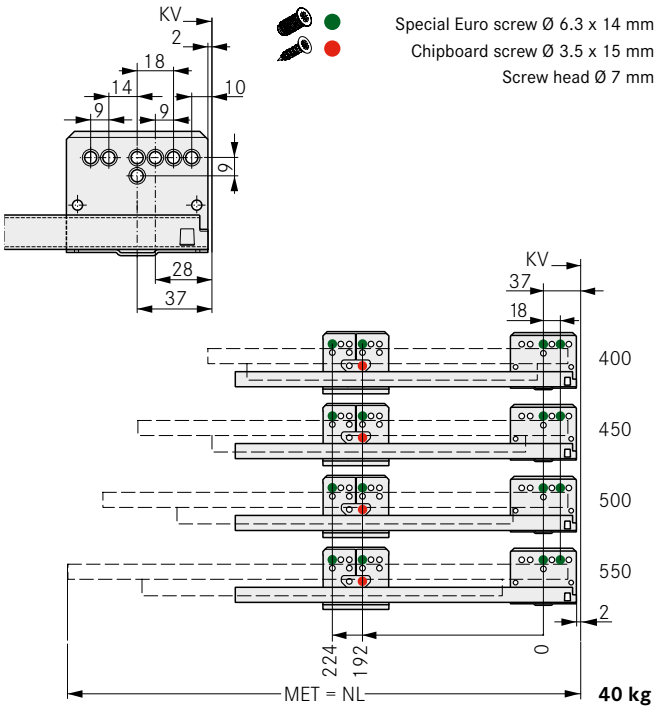
Front tilt angle adjustment



Exploded view drawing



Fixing positions for full extension drawer



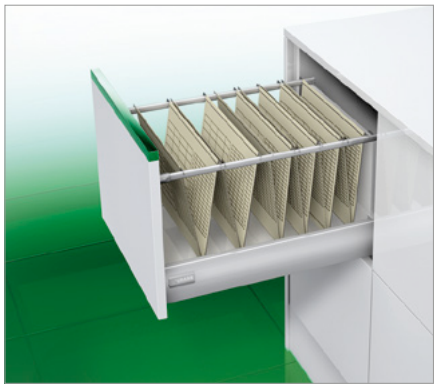
Note: Full extension slide, 60 kg, see Slides section (from page 48)

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

Suspension file drawer with oval railing

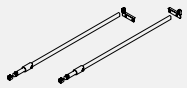


- Oval, natural anodised aluminium tube with high bending resistance
- Secure screw connection at front and back panels ensures stable construction and high load capacity
- Tool-free tilt angle adjustment using the oval railing

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



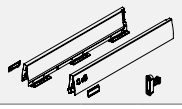
NL	Aluminium anodised		
	Art.-no.	PU	
450	**F084**074**848**		233
500	**F084**074**850**	511	
550	**F084**074**851**	511	

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
	F092082**978**	223	**F092**115**414**	223	**F092**136**293**	223

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



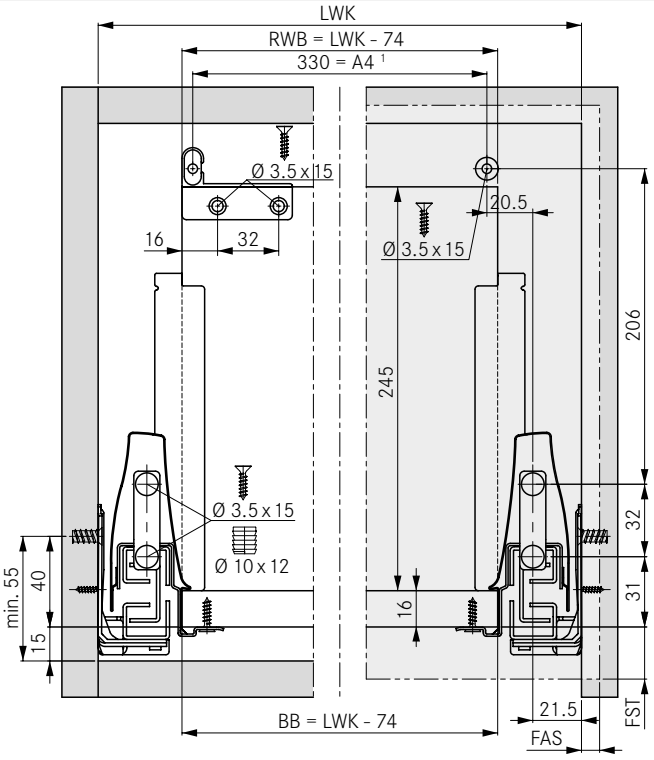
PAGE REFERENCES

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

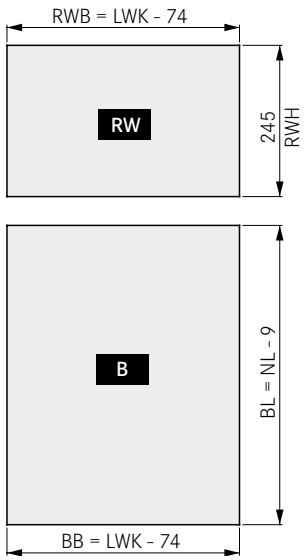
All dimensions in millimetres

Installation dimensions for DWD XP drawer sides H95

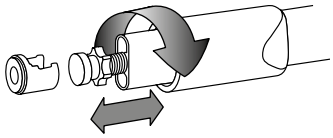


[1] For A4 suspension files (RWB = 340)

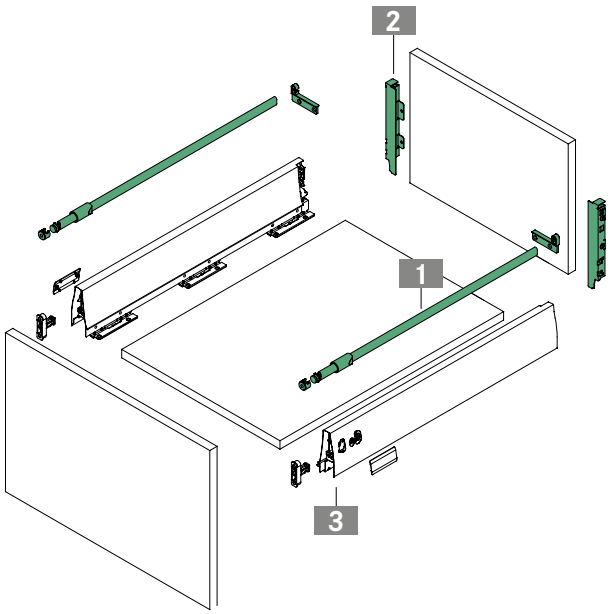
Cutting dimensions for 16 mm chipboard



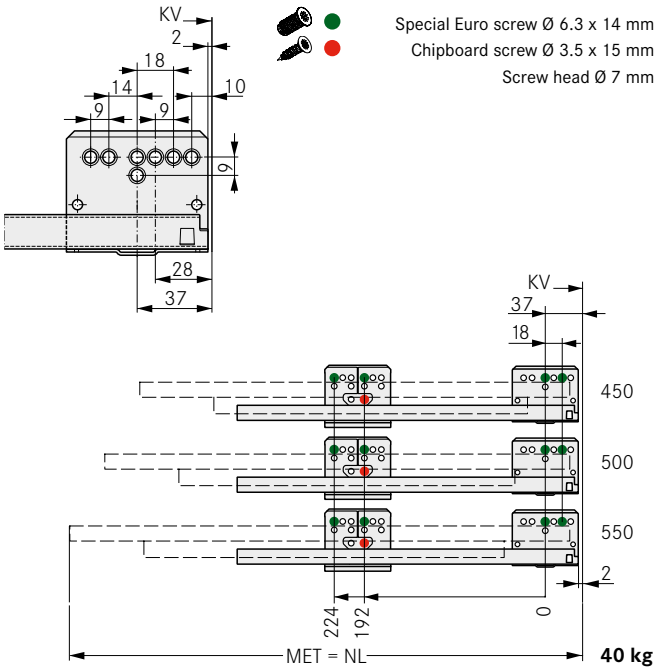
Front tilt angle adjustment



Exploded view drawing



Fixing positions for full extension drawer



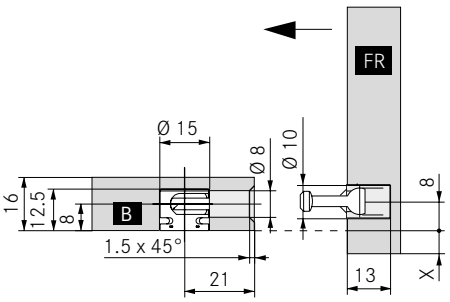
Note: Full extension slide, 60 kg, see Slides section (from page 48)

LEGEND

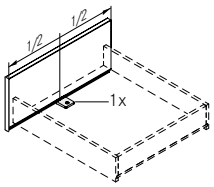
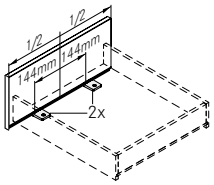
B	Bottom panel	FST	Front overlay	NL	Nominal length
BB	Bottom panel width	KV	Front edge of cabinet	RW	Back panel
BL	Bottom panel length	LWK	Inside cabinet width	RWB	Width of back panel
FAS	Front overlay, side	MET	Minimum installation depth	RWH	Height of back panel

DWD XP
Accessories

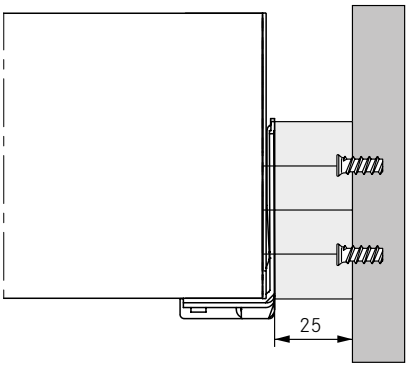
FRONT-BOTTOM CONNECTOR

			Art.-no.	PU
• For wide drawers from a cabinet width of 800 mm			**F148**026**744**	223

FRONT-BOTTOM CONNECTOR F8 INSET PANEL

				Art.-no.	PU
• For wide drawers from a cabinet width of 600 mm		KB = 600 - 800 mm		**F145**117**993**	223
		KB = 800 - 1200 mm			

DWD XP SPACER 25 MM

			Art.-no.	PU
• 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			**F092**083**198**	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

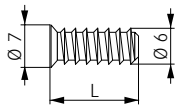
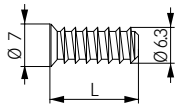
DWD XP CHILD LOCK

		Art.-no.	PU
• 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		**F092**083**193**	523

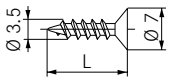
DWD XP LOCKING PIN

		Art.-no.	PU
• 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 **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.		**F092**083**203**	107

SPECIAL EURO SCREWS

			Art.-no.	PU
• Steel, nickel-plated, for screw fixing in Ø 5 mm pre-drilled hole system (Pozidriv No. 2)	L = 8.5		**F145**089**355**	123
	L = 13.5		**F145**088**185**	123
	L = 10.5		**F148**115**048**	147
	L = 14		**F148**115**049**	147

CHIPBOARD SCREWS

			Art.-no.	PU
• Head Ø 7 mm	L = 11		**F145**010**742**	261
	L = 15		**F145**087**110**	123
	L = 17		**F145**087**111**	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

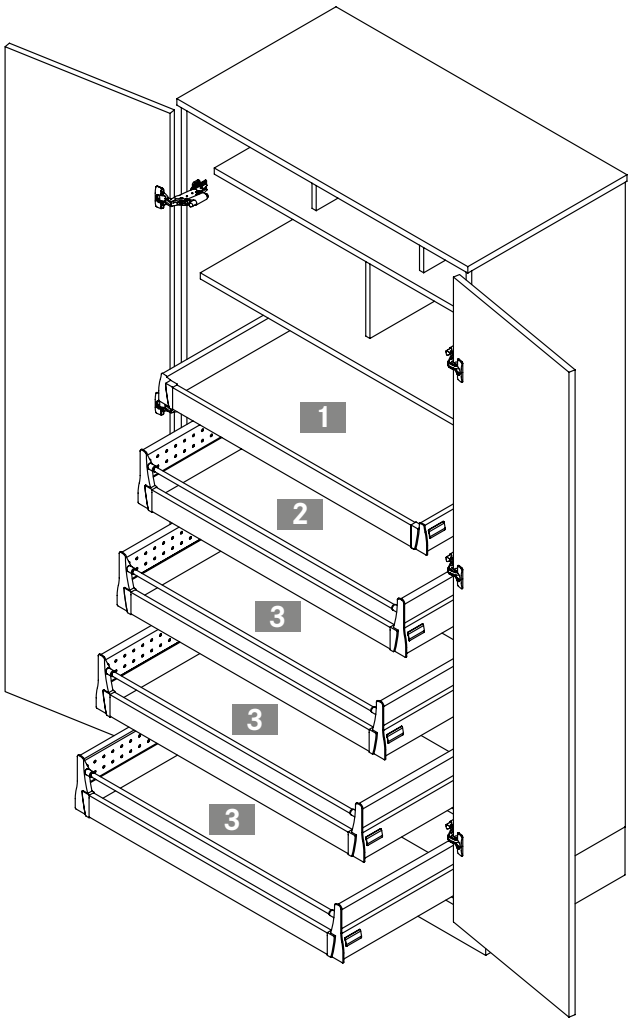
NOTE

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

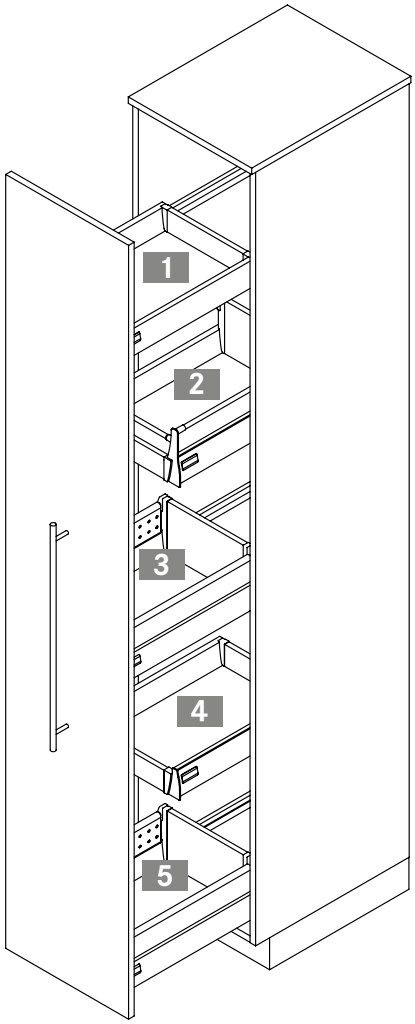
Application example consists of:

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

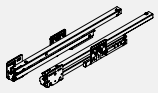


- Oven base drawer matches DWD XP full extension drawers with 40 kg load capacity
- Ninka oven base drawer 2010 NL 500/KB 600 mm
- Elco Top Volumen, NL 500/KB 600, height 170 and 220 mm

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	**F091**075**477**	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

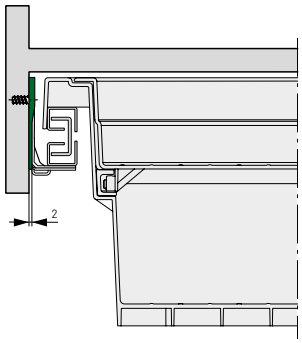


	Art.-no.	PU			
	F092083**199**	103			

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions

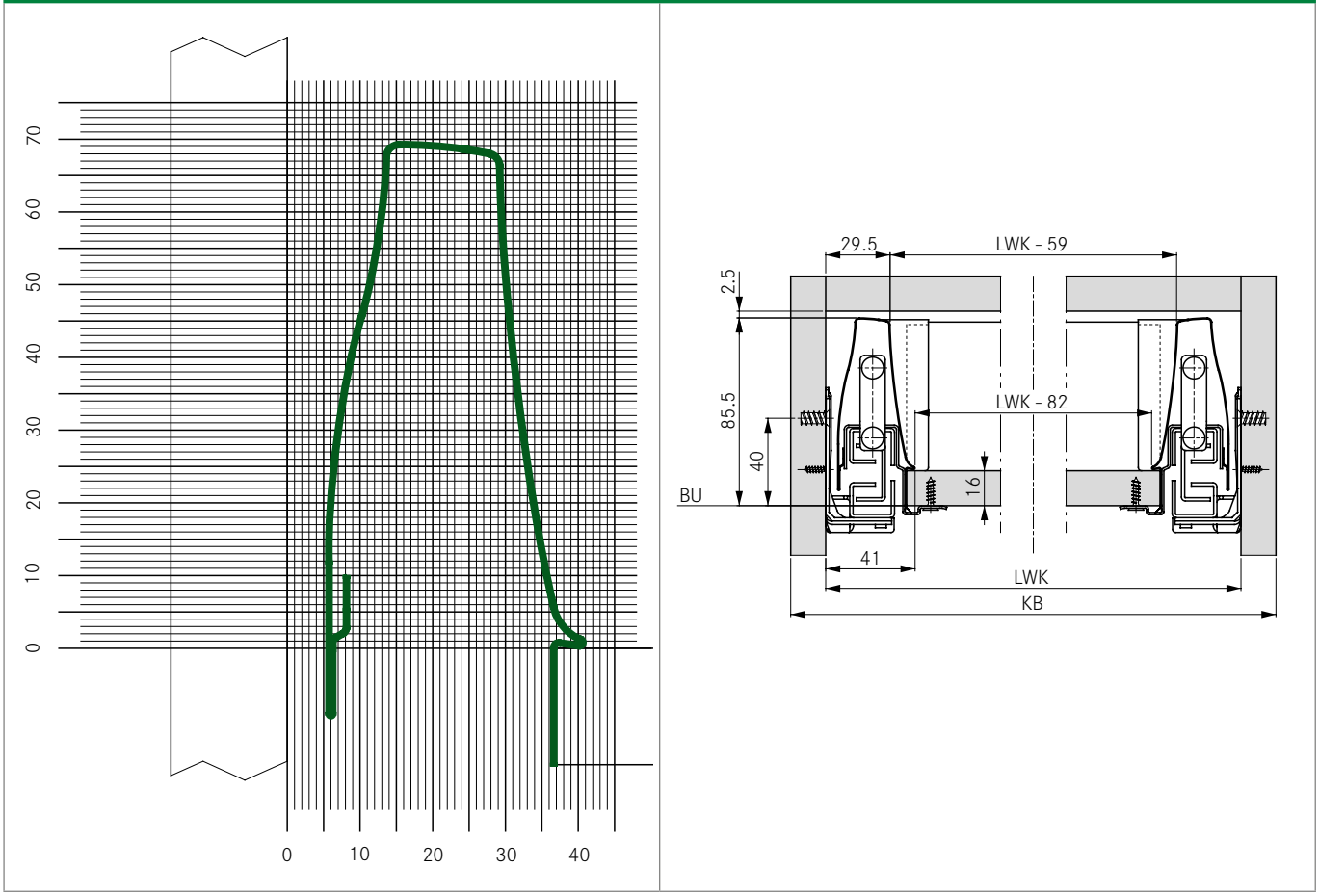


LEGEND

KB	Cabinet width
NL	Nominal length
S	Cabinet side wall

INSTALLATION INFORMATION

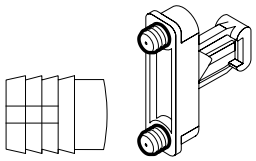
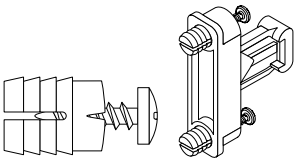
Dimensions for drawer insert H95



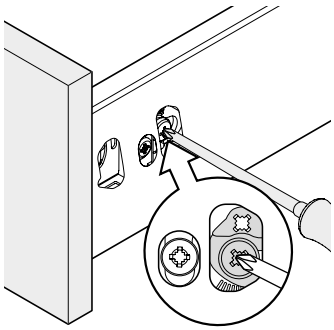
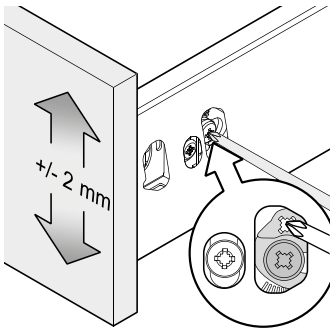
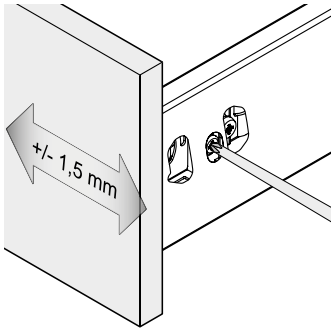
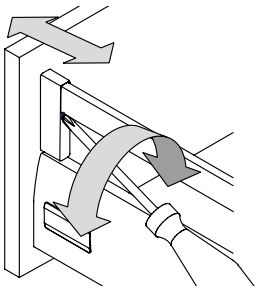
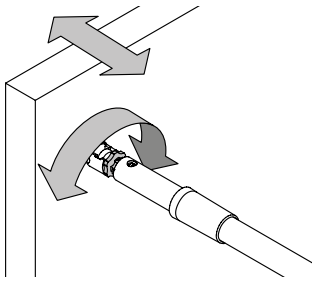
PAGE REFERENCES

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Add-on systems	64	Sensomatic	81	Assembly aids	128

INSTALLATION ADVICE

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

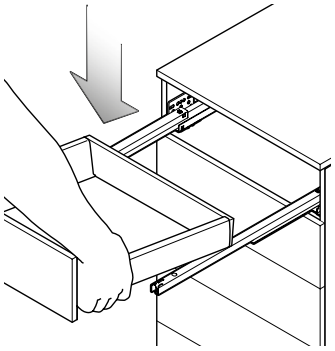
LEGEND

BU	Bottom edge
KB	Cabinet width
LWK	Inside cabinet width

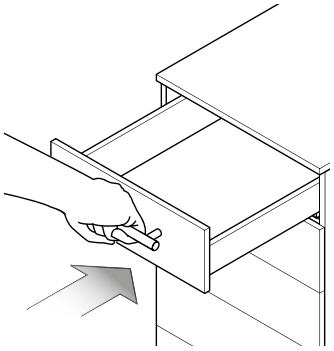
MOUNTING/DISMOUNTING

Inserting the drawer

Place the drawer on the extended slides.

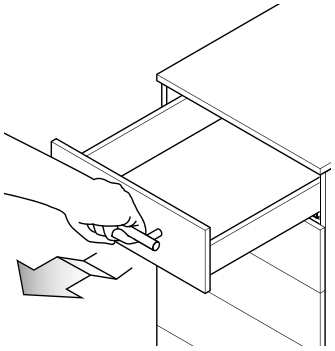


Slightly lift the drawer at the front and then push fully closed.
The drawer engages automatically!

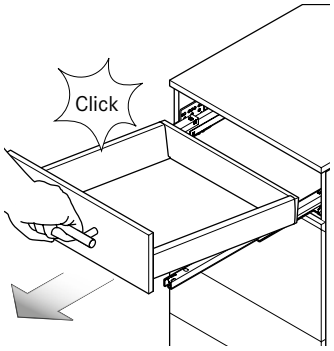


Removing the drawer

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

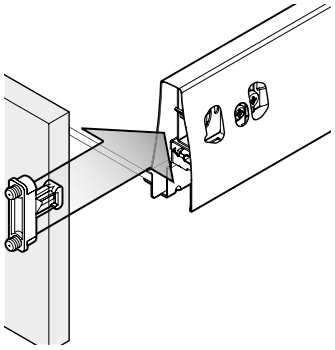


Pull firmly **horizontally** until the drawer audibly disengages, then lift off.



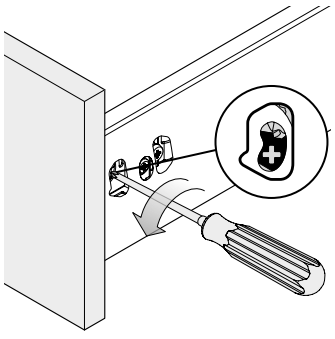
Front panel installation

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

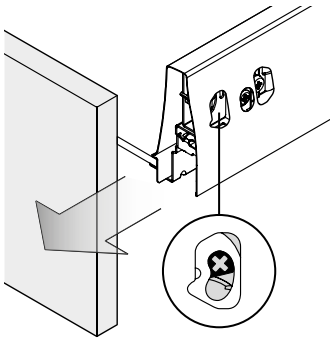


Removing the front panel

Use Pozidriv No. 2 to release.



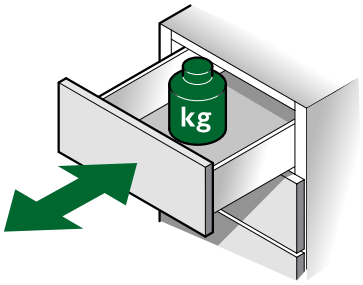
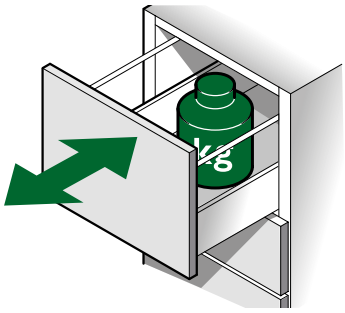
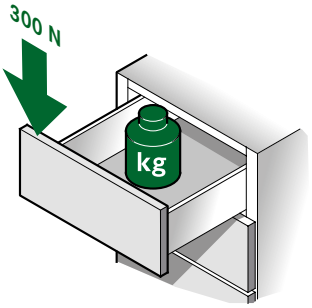
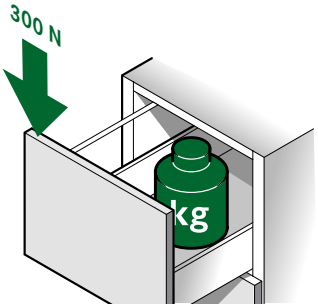
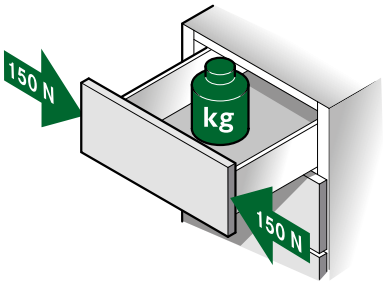
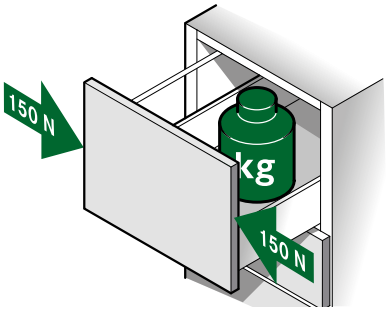
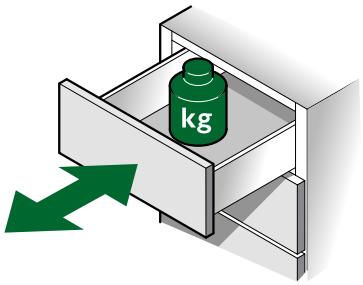
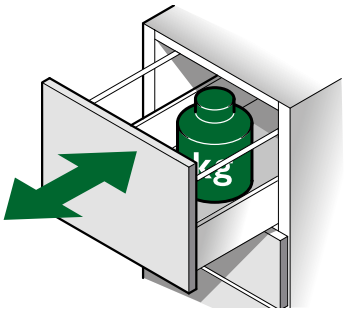
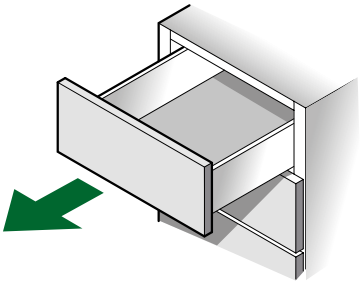
The front panel is now released and can be removed.
Where a front-bottom connector is used, release the connector!



PAGE REFERENCES

Drawer sides	11	Accessories	70	Organising systems	103
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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
LGA

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

For a balance between stylish design and functional comfort.

DWD XP SENSOMATIC

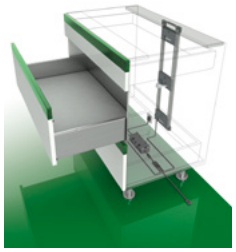
Electro-mechanical opening of regular and pot drawers.
For a balance between stylish design and functional comfort.

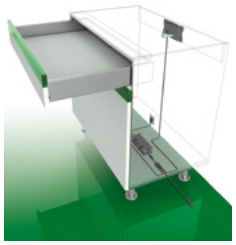
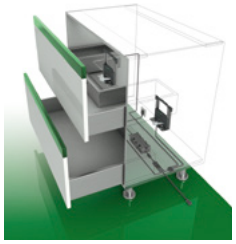
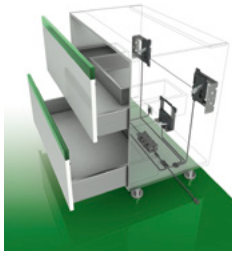
Product designation	Page
DWD XP Sensomatic single set	84
Standard cabinet with horizontal wooden stretcher	86
Standard cabinet with vertical wooden stretcher	88
Single drawer with overhead frame set mounting	90
Single drawer with back panel frame set mounting	92
Sink cabinet with bottom panel frame set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

Installation instructions	98
Assembly aids	128

DWD XP SENSOMATIC

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

	Product description	Page
	**DWD XP Sensomatic single set** • 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** • 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** • 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** • 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
	**Single drawer with back panel frame set mounting** • 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
	**Sink cabinet with bottom panel frame set mounting** • 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
	**Sink cabinet with side panel frame set mounting** • 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

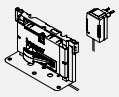
DWD XP SENSOMATIC
Single set



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

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

ORDER INFORMATION

Sensomatic single set		
	Art.-no.	PU
for DWD XP	**F121**100**984**	201

1 set includes:

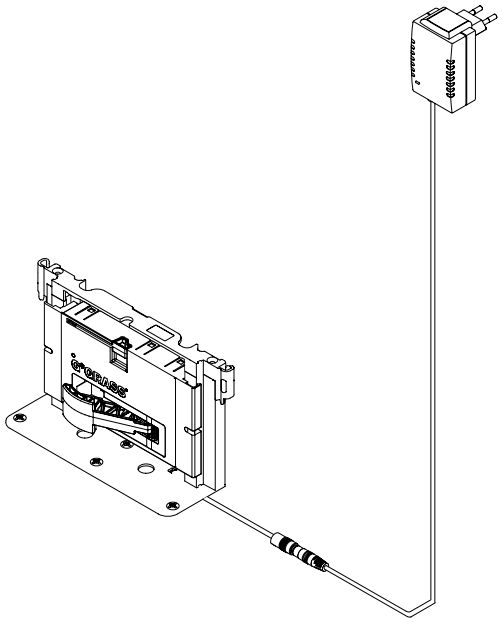
1 drive unit (1x)

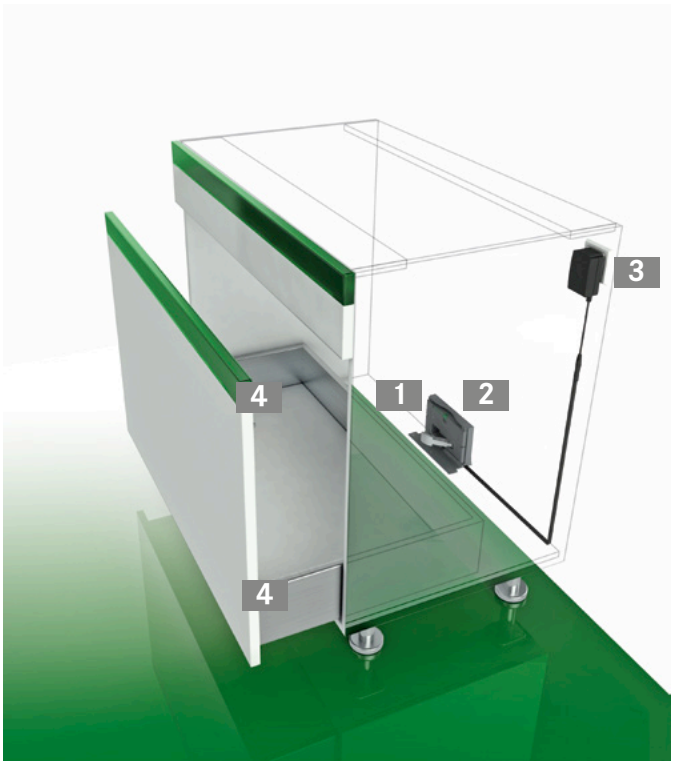
2 installation set (1x)

3 Power supply unit with plug (1x)
(Central Europe, DE, FR, IT, CH, ES, RU, PT, NL)

4 spring-loaded front buffers (4x)

drilling and installation instructions (1x)



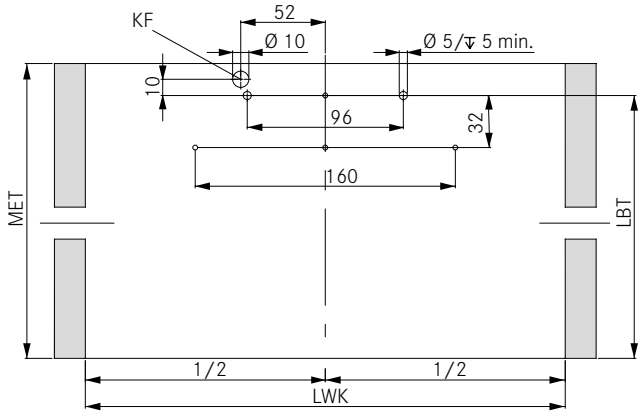


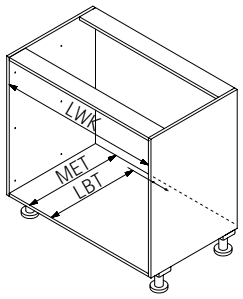
PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Installation instructions	98
Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

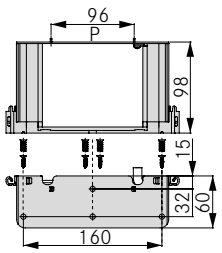
Installation dimensions



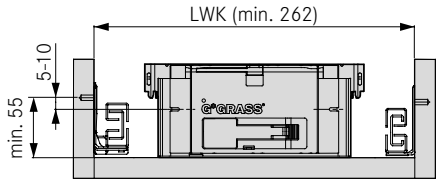


RW	MET	LBT
Wood	NL+15	NL

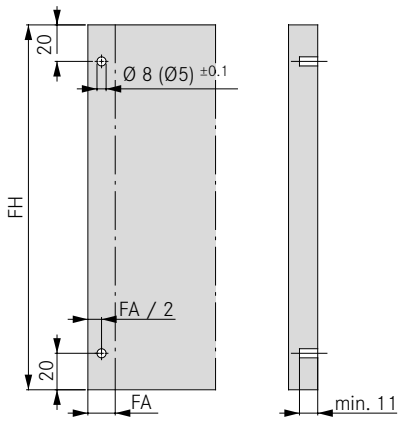
Installation set



Position of drive unit



Position of front buffer



LEGEND

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

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

RW	Back panel

DWD XP SENSOMATIC

Standard cabinet horizontal wooden stretcher

ORDER INFORMATION

1 Drive unit



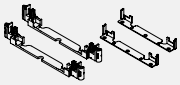
	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Frame sides including frame side cable



Length	Art.-no.	PU
653	**F121**100**284**	207
750	**F121**100**285**	207
1170	**F121**100**286**	207

3 Fastening set consisting of: items 3a (2x) and 3b (2x)



	Art.-no.	PU
	F121100**610**	507

3a Frame connector



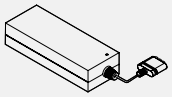
	Art.-no.	PU
	F121100**282**	211

3b Fixing brackets top/bottom



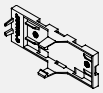
	Art.-no.	PU
	F121100**270**	211

4 Power supply unit



	Art.-no.	PU
	F121109**970**	607

5 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

6 Front buffer, spring-loaded



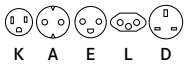
Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

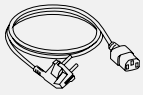
7 Connection cable with 2-way adapter



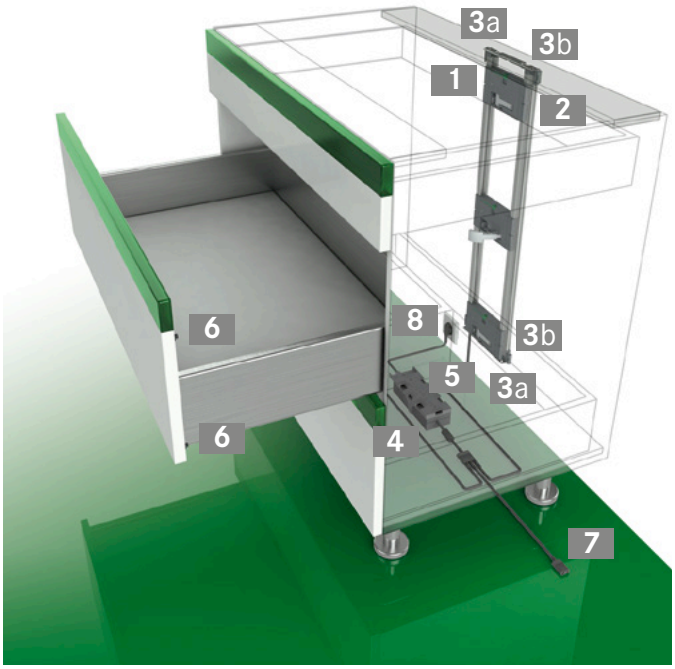
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

8 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207

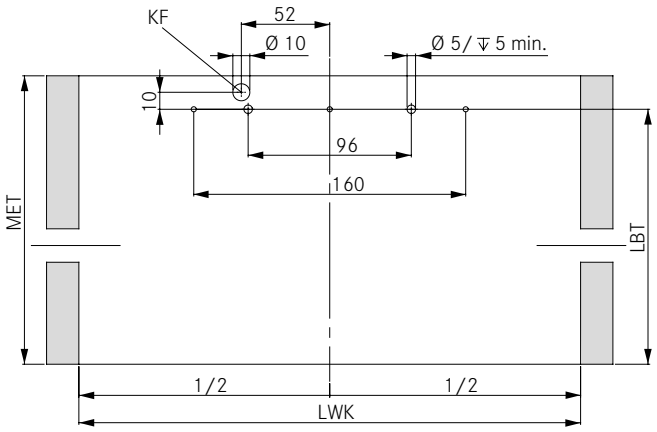


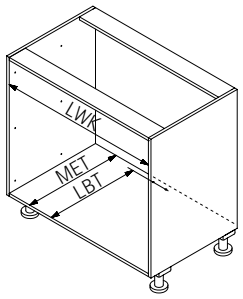
PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Installation instructions	98
Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

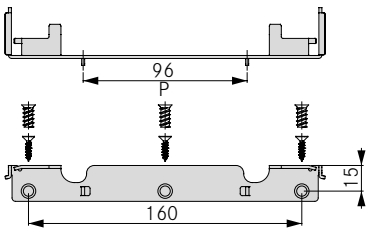
Installation dimensions



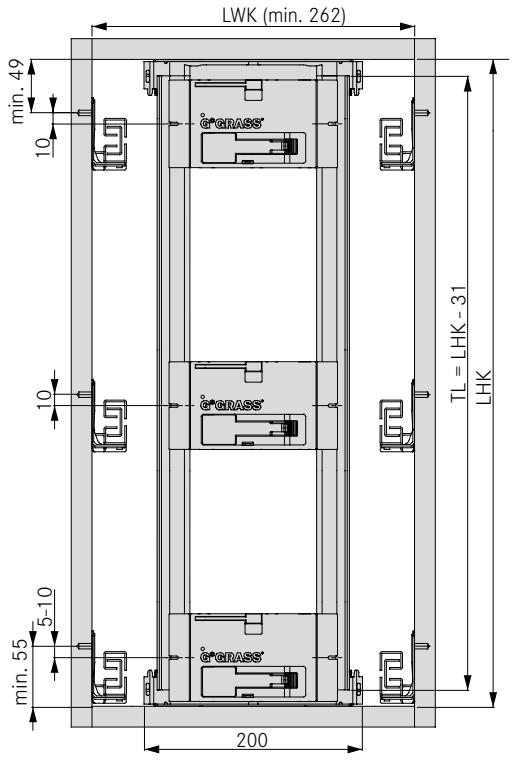


RW	MET	LBT
Wood	NL+15	NL

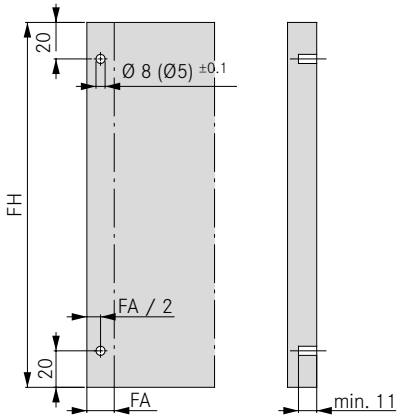
Fixing brackets top/bottom



Position of drive unit



Position of front buffer



LEGEND

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

DWD XP SENSOMATIC

Standard cabinet vertical wooden stretcher

ORDER INFORMATION

1 Drive unit



	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Frame sides including frame side cable



Length	Art.-no.	PU
653	**F121**100**284**	207
750	**F121**100**285**	207
1170	**F121**100**286**	207

3 Frame connector



	Art.-no.	PU
	F121100**282**	211

4 Fixing brackets top/bottom



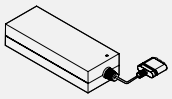
	Art.-no.	PU
	F121100**270**	211

5 Fixing bracket, back inside mounted



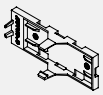
	Art.-no.	PU
	F121100**275**	207

6 Power supply unit



	Art.-no.	PU
	F121109**970**	607

7 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

8 Front buffer, spring-loaded



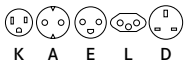
Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

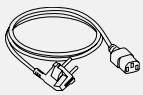
9 Connection cable with 2-way adapter



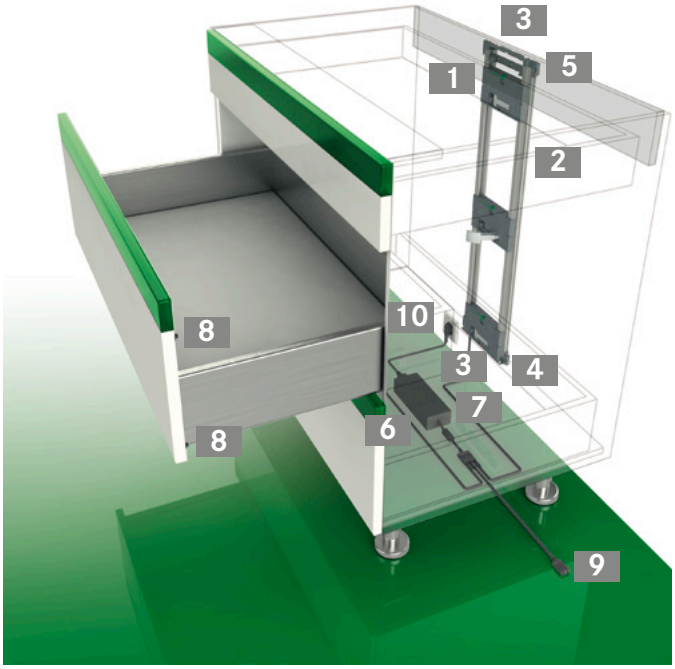
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

10 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207

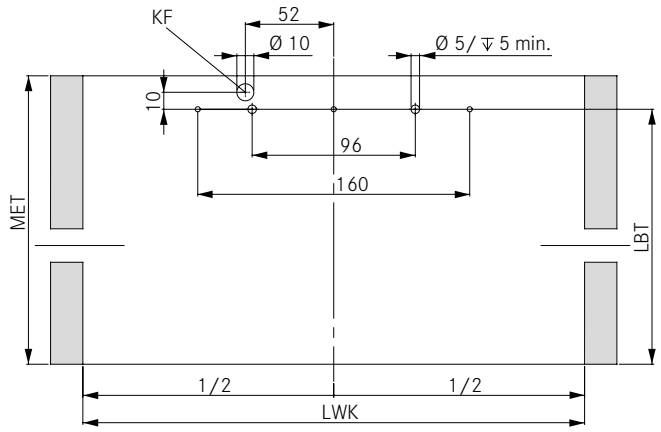


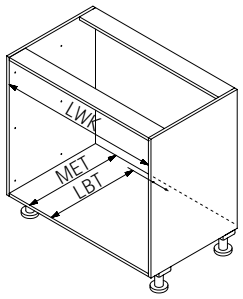
PAGE REFERENCES

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Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

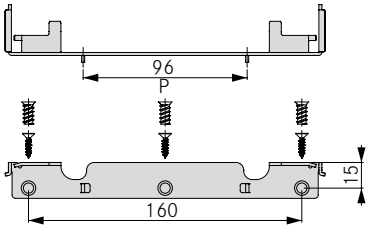
Installation dimensions



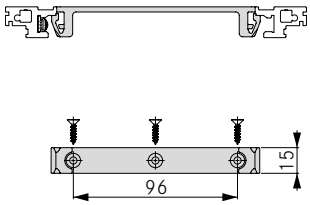


RW	MET	LBT
Wood	NL+15	NL

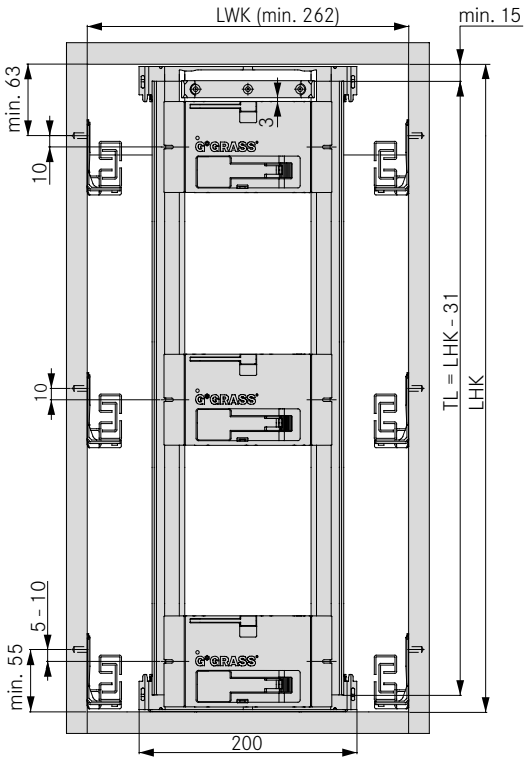
Fixing brackets top/bottom



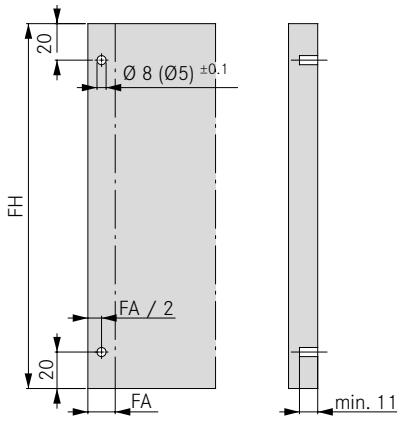
Fixing bracket, back inside mounted



Position of drive unit



Position of front buffer



LEGEND

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

DWD XP SENSOMATIC

Single drawer with overhead frame set mounting

ORDER INFORMATION

1 Drive unit



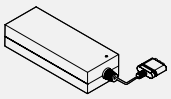
	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Installation set



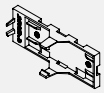
	Art.-no.	PU
	F121100**273**	207

3 Power supply unit



	Art.-no.	PU
	F121109**970**	607

4 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

5 Front buffer, spring-loaded



Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

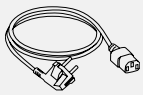
6 Connection cable with 2-way adapter



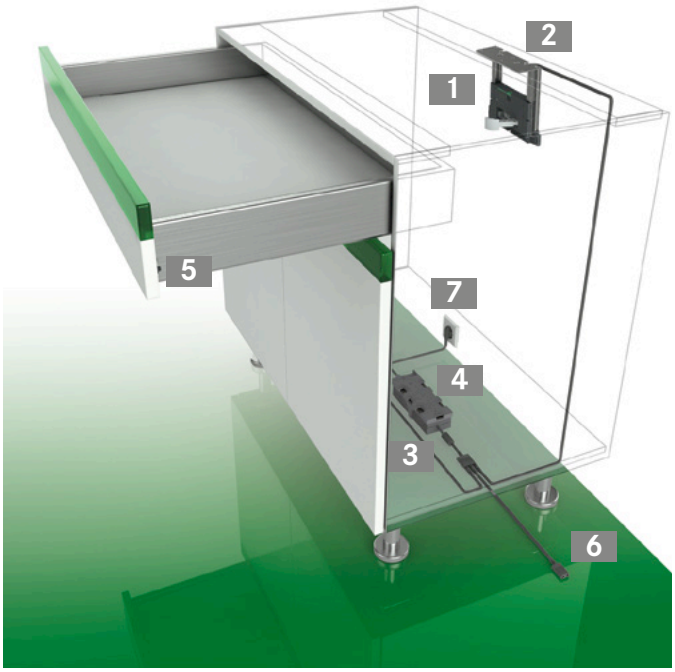
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

7 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207

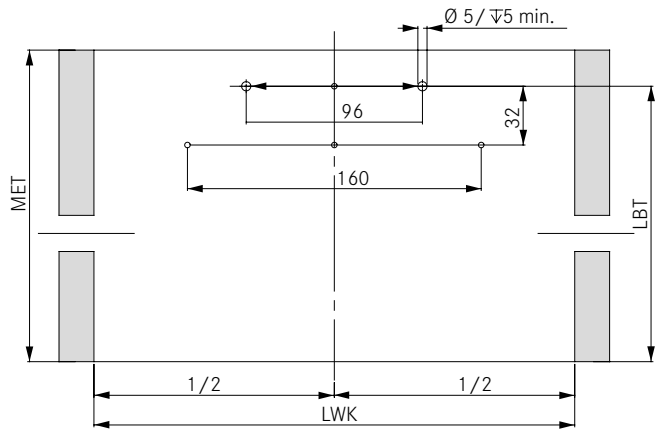


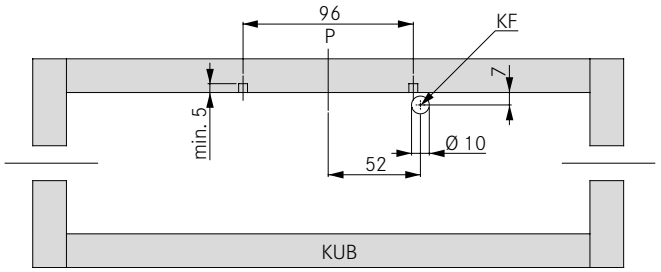
PAGE REFERENCES

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Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

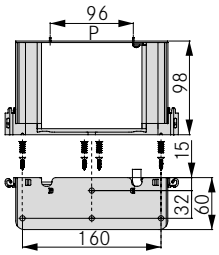
Installation dimensions



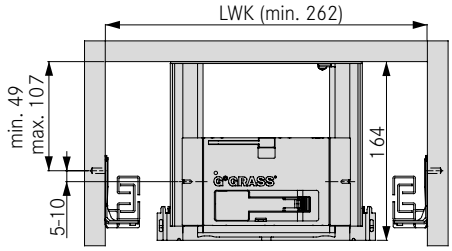


RW	MET	LBT
Wood	NL+15	NL

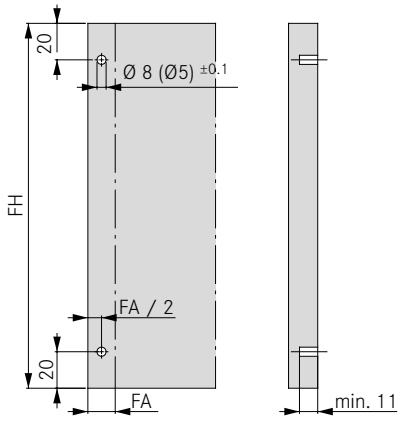
Installation set



Position of drive unit



Position of front buffer



LEGEND

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

DWD XP SENSOMATIC

Single drawer with back panel frame set mounting

ORDER INFORMATION

1 Drive unit



	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Frame sides for back panel frame set mounting including hole drilling



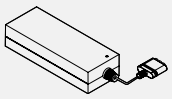
	Art.-no.	PU
	F121100**283**	207

3 Frame connector



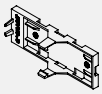
	Art.-no.	PU
	F121100**282**	211

4 Power supply unit



	Art.-no.	PU
	F121109**970**	607

5 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

6 Front buffer, spring-loaded



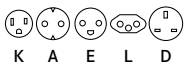
Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

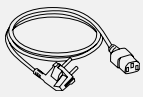
7 Connection cable with 2-way adapter



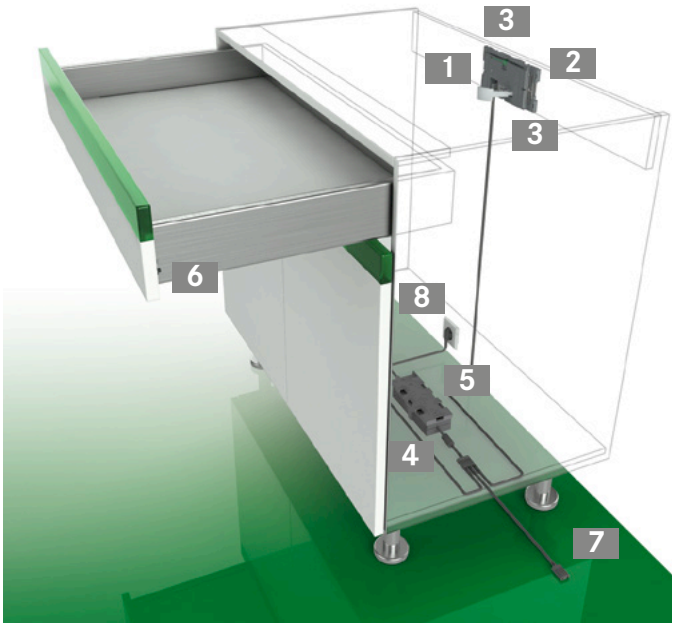
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

8 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207

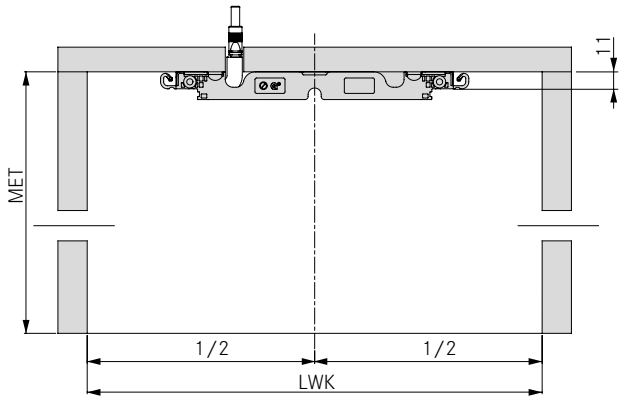


PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Installation instructions	98
Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

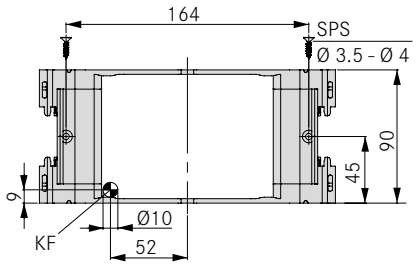
INSTALLATION INFORMATION

Installation dimensions

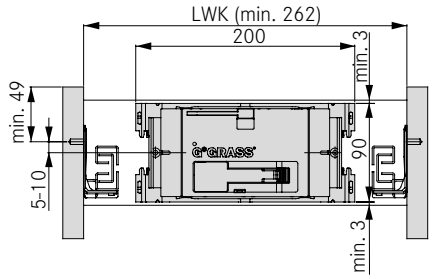


RW	MET
Wood	NL+15

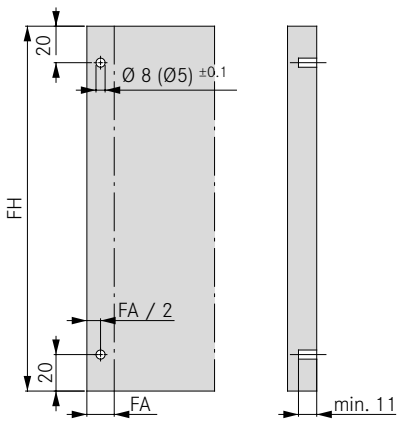
Frame sides



Position of drive unit



Position of front buffer



LEGEND

FA	Front overlay
FH	Height of front
KF	Cable routing
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length
RW	Back panel
SPS	Chipboard screw

DWD XP SENSOMATIC

Sink cabinet with bottom panel frame set mounting

ORDER INFORMATION

1 Drive unit



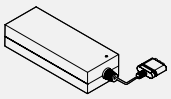
	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Installation set



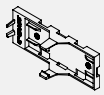
	Art.-no.	PU
	F121100**273**	207

3 Power supply unit



	Art.-no.	PU
	F121109**970**	607

4 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

5 Front buffer, spring-loaded



Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

6 4-way adapter



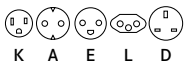
	Art.-no.	PU
	F121100**293**	207

7 Connection cable with 2-way adapter



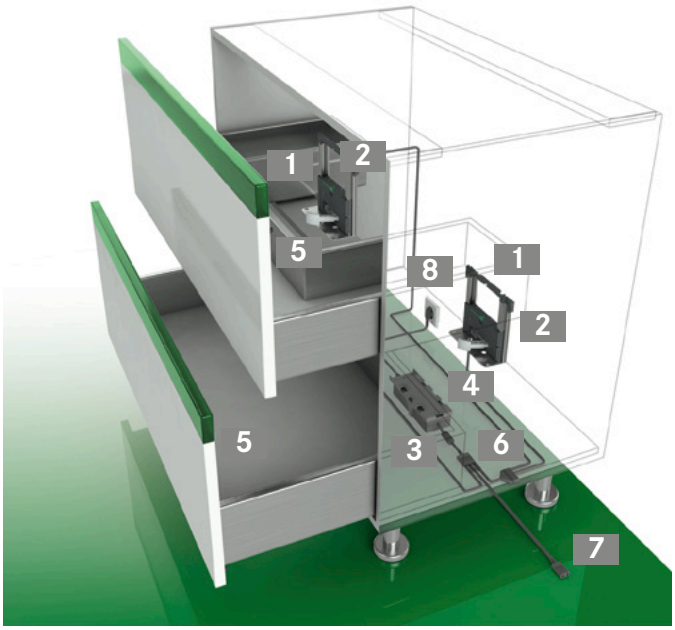
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

8 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207

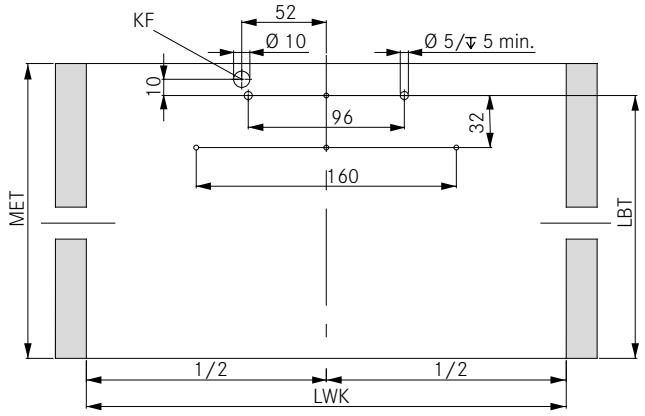


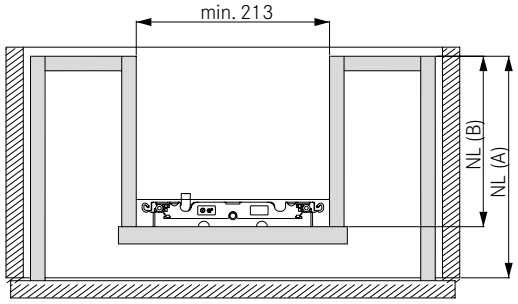
PAGE REFERENCES

Drawer sides	11	Add-on systems	64	Installation instructions	98
Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

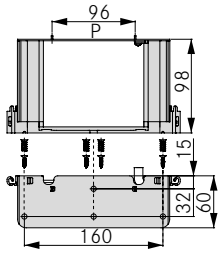
Installation dimensions – bottom panel frame set mounting



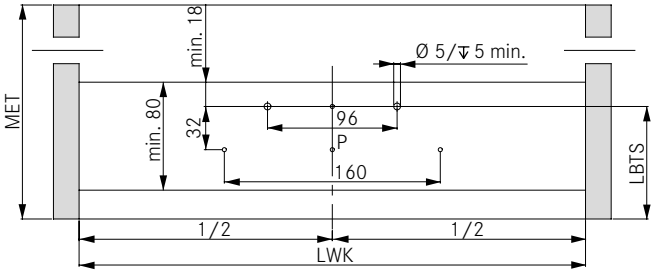


RW	MET	LBT	LBTS
Wood	NL+15	NL	NL(A) - NL(B) + 9

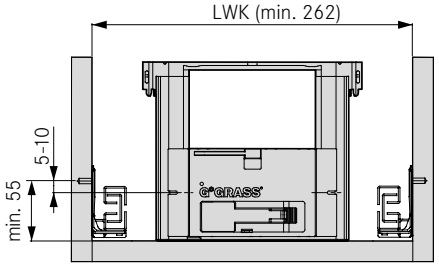
Installation set



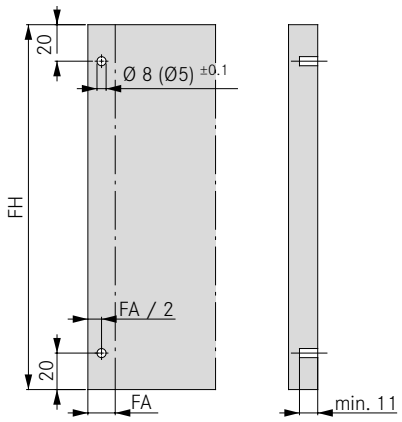
Sink cabinet installation



Position of drive unit



Position of front buffer



LEGEND

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

DWD XP SENSOMATIC

Sink cabinet with side panel frame set mounting

ORDER INFORMATION

1 Drive unit



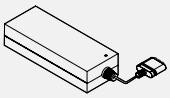
	Art.-no.	PU
for DWD XP	**F121**100**409**	607

2 Installation set



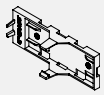
	Art.-no.	PU
	F121100**273**	207

3 Power supply unit



	Art.-no.	PU
	F121109**970**	607

4 Power supply unit holder



	Art.-no.	PU
	F121100**604**	507

5 Front buffer, spring-loaded



Ø	Front gap	Art.-no.	PU
5	3	**F121**100**295**	223
8		**F121**100**298**	223

6 Synchronisation cable 10 m



	Art.-no.	PU
	F121100**287**	207

7 4-way adapter



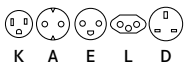
	Art.-no.	PU
	F121100**293**	207

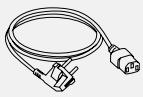
8 Connection cable with 2-way adapter



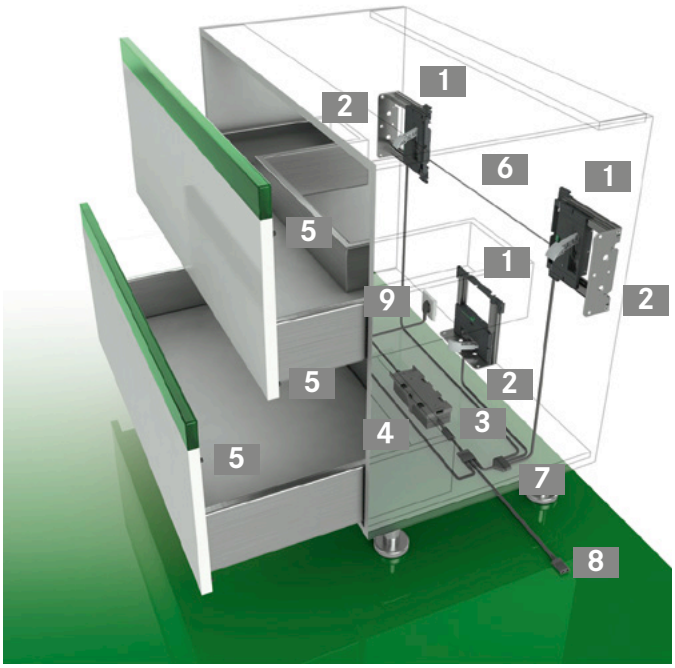
Length	Art.-no.	PU
600	**F121**100**288**	207
1000	**F121**100**289**	207
2000	**F121**100**291**	207

9 Power supply cable





Plug	Art.-no.	PU
Power supply cable K (USA, CAN)	**F120**069**760**	207
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	**F120**069**761**	207
Power supply cable E (DK)	**F120**069**763**	207
Power supply cable L (CH)	**F120**069**765**	207
Power supply cable D (UK, AE, MY)	**F120**069**766**	207
without plug	**F120**069**767**	207



NOTE

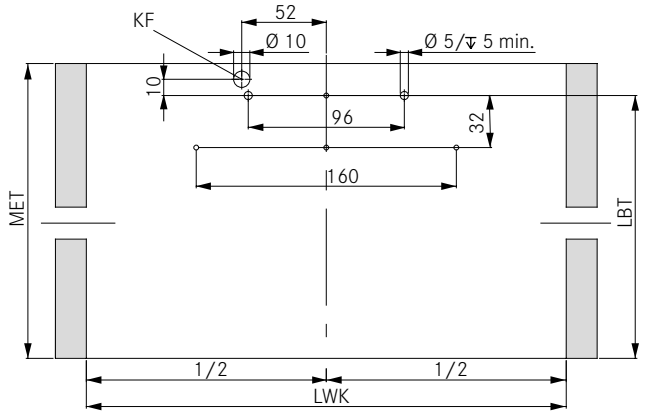
Use:
DWD XP 40 kg from NL 450
DWD XP 60 kg from NL 500

PAGE REFERENCES

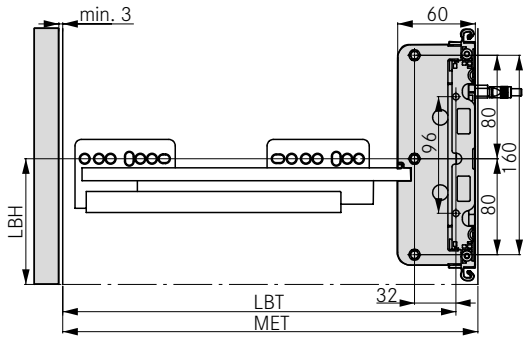
Drawer sides	11	Add-on systems	64	Installation instructions	98
Slides	50	Accessories	70	Organising systems	103
Flat packs	58	Application examples	72	Assembly technology	124

INSTALLATION INFORMATION

Installation dimensions – bottom panel frame set mounting

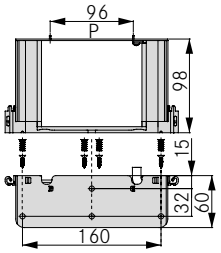


Installation dimensions – side panel frame set mounting

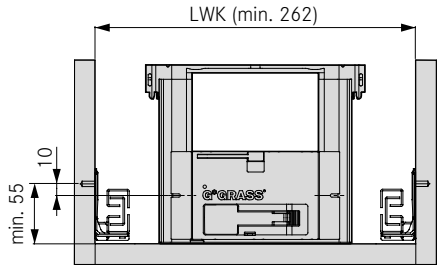


RW	MET	LBT
Wood	NL+15	NL

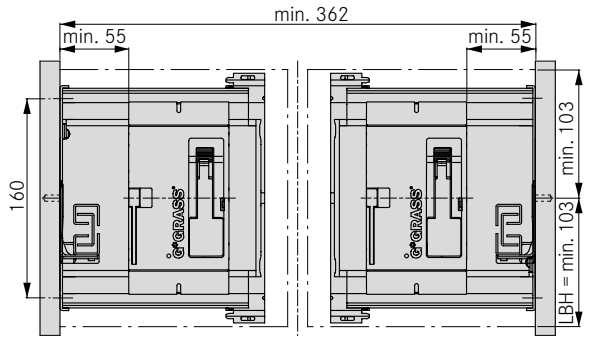
Installation set



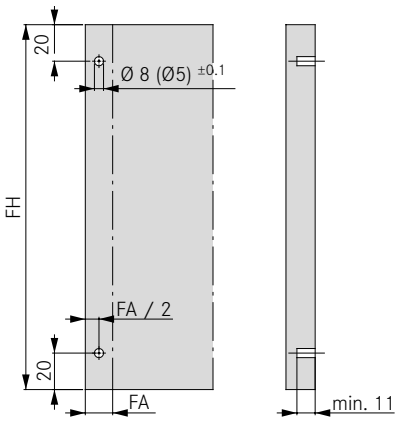
Position of drive unit, bottom panel frame set mounting



Position of drive unit, side panel frame set mounting



Position of front buffer

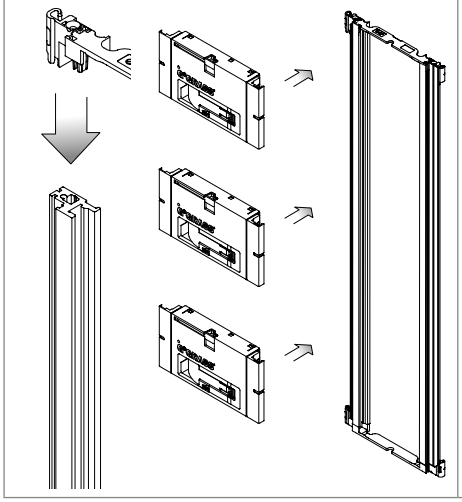


LEGEND

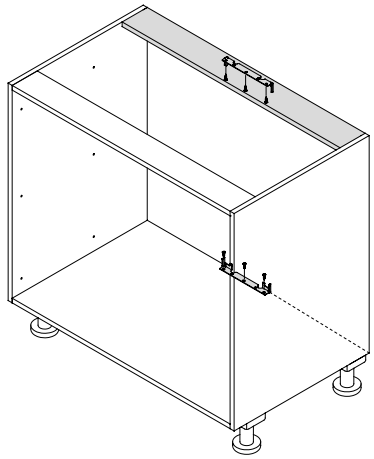
FA	Front overlay
FH	Height of front
KF	Cable routing
LBH	Height of hole pattern
LBT	Depth of hole pattern
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length
P	Positioning aid
RW	Back panel

INSTALLATION INSTRUCTIONS

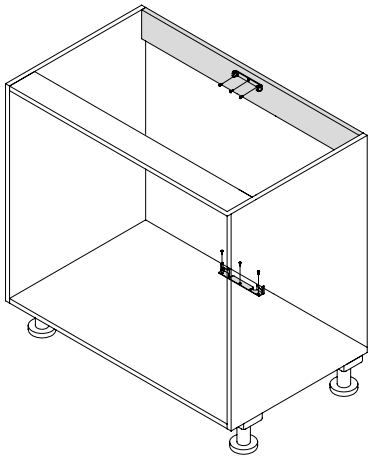
Stretcher installation



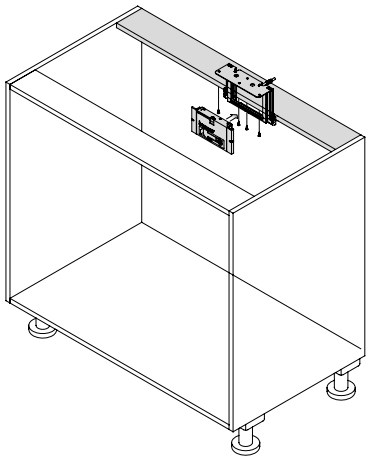
Standard cabinet installation with horiztontal wooden stretcher



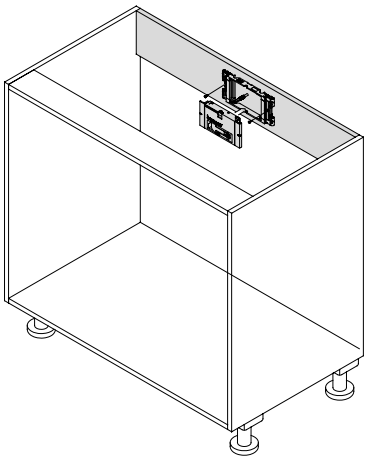
Standard cabinet installation with vertical wooden stretcher



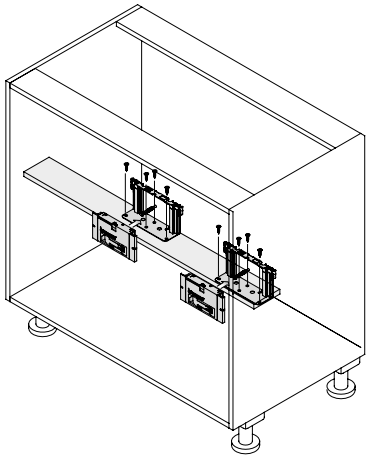
Overhead frame set mounting, single drawer



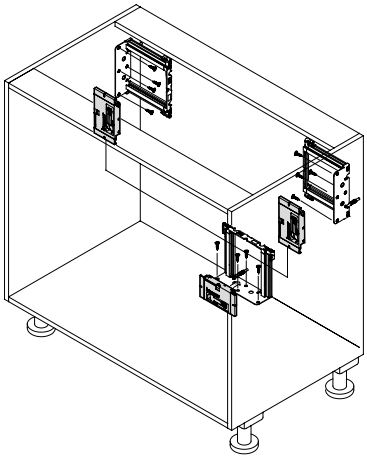
Back panel frame set mounting, single drawer



Bottom panel frame set mounting, sink cabinet



Side panel frame set mounting, sink cabinet

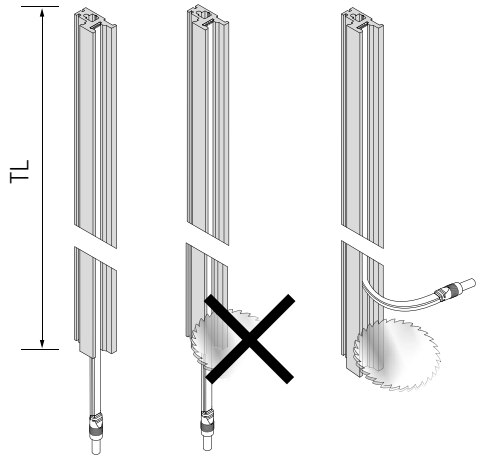


PAGE REFERENCES

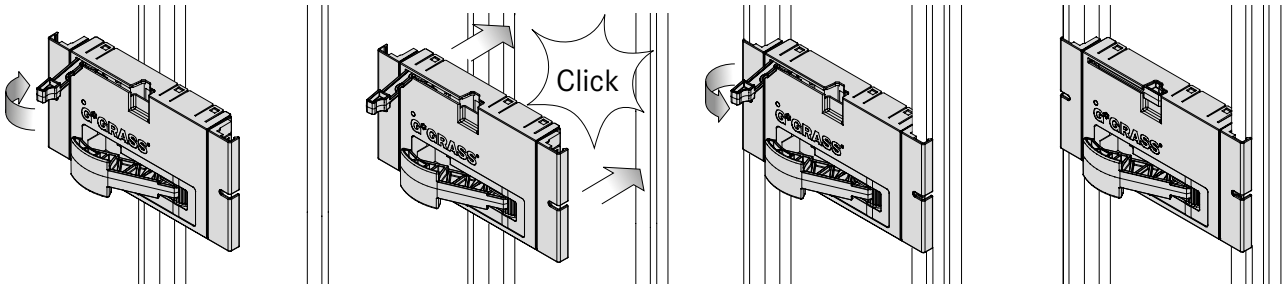
Drawer sides	11	Vertical wooden stretcher	88	Bottom panel frame set mounting	94
Slides	50	Overhead frame set mounting	90	Side panel frame set mounting	96
Horizontal wooden stretcher	86	Back panel frame set mounting	92	Assembly technology	124

INSTALLATION INSTRUCTIONS

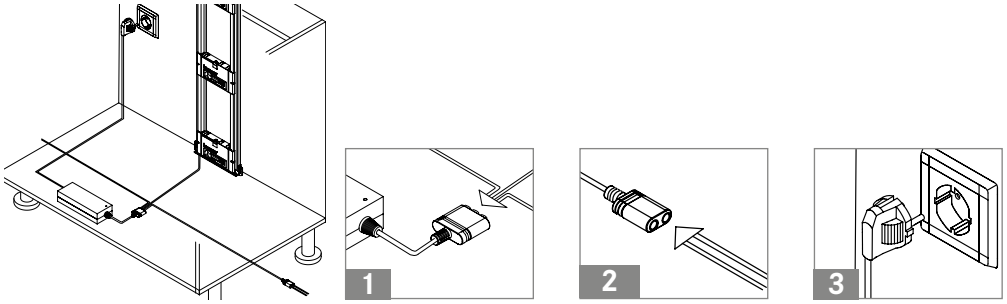
Cutting stretcher to length (horizontal and vertical wooden stretcher)



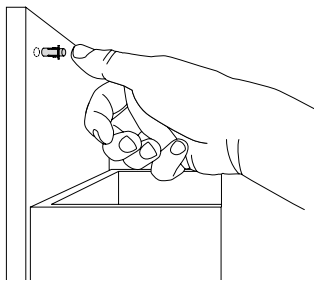
Installation of drive unit



Wiring (connection sequence)

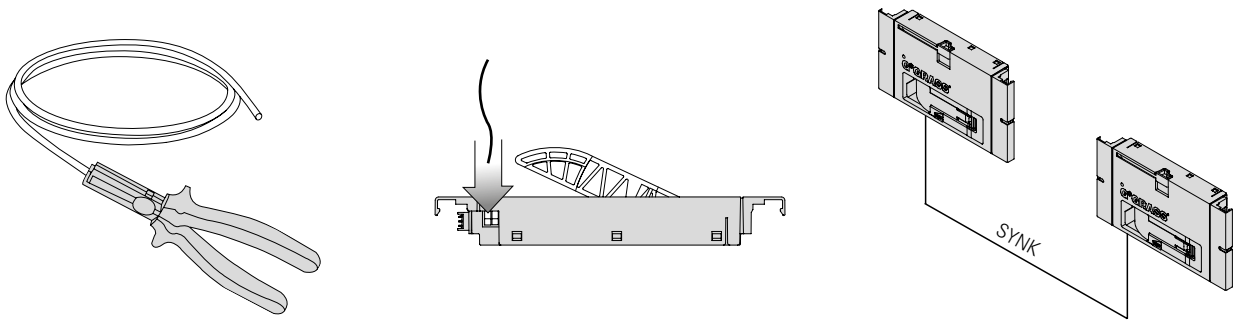


Inserting front buffer



Do not drive in or glue!

Installing the synchronisation cable



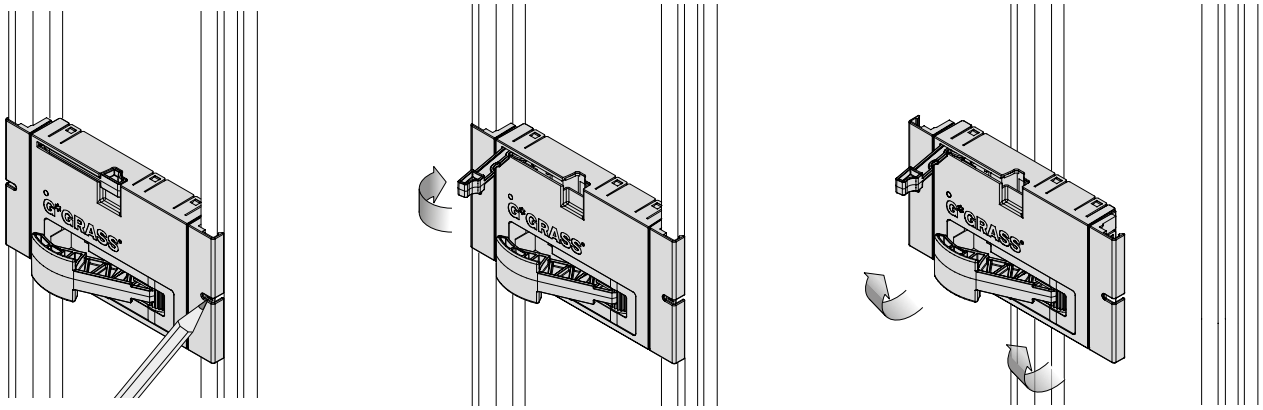
LEGEND

SYNK	Synchronisation cable
TL	Length of frame side

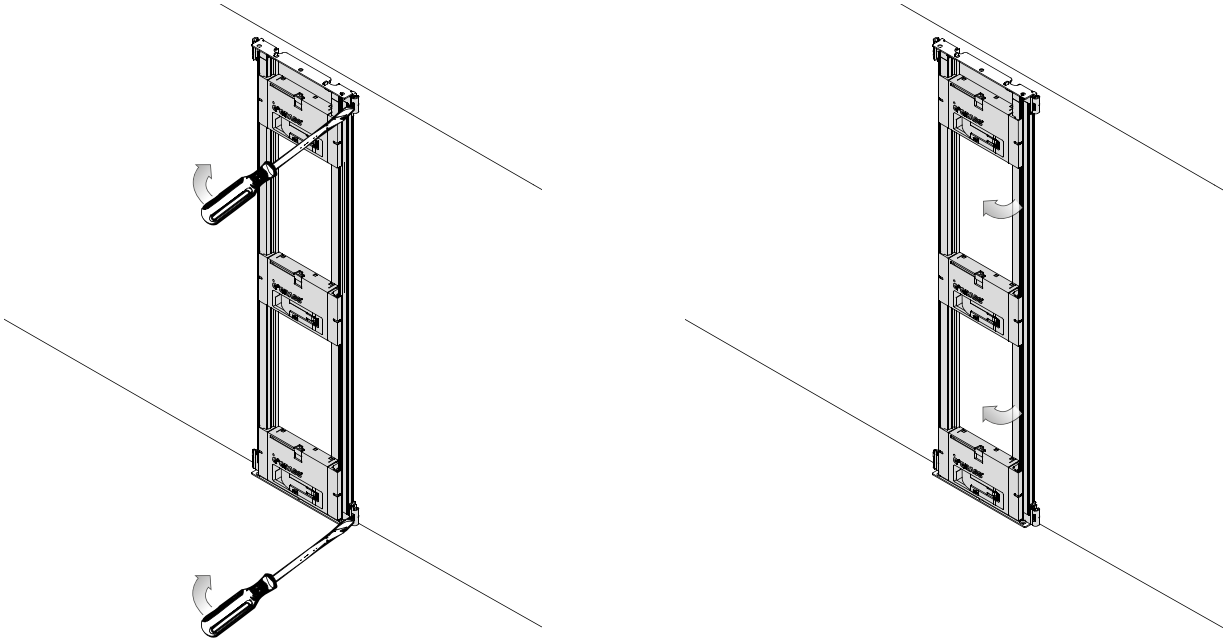
DWD XP SENSOMATIC
Dismantling instructions

DISMOUNTING

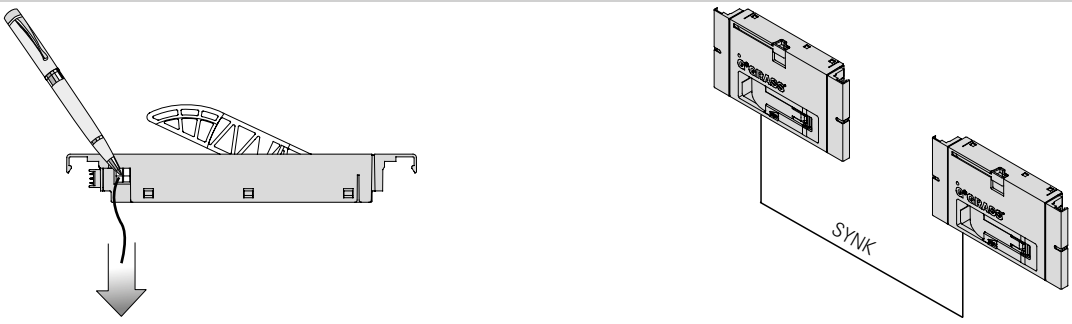
Dismantling the drive unit



Dismantling the frame sides



Dismantling the synchronisation cable

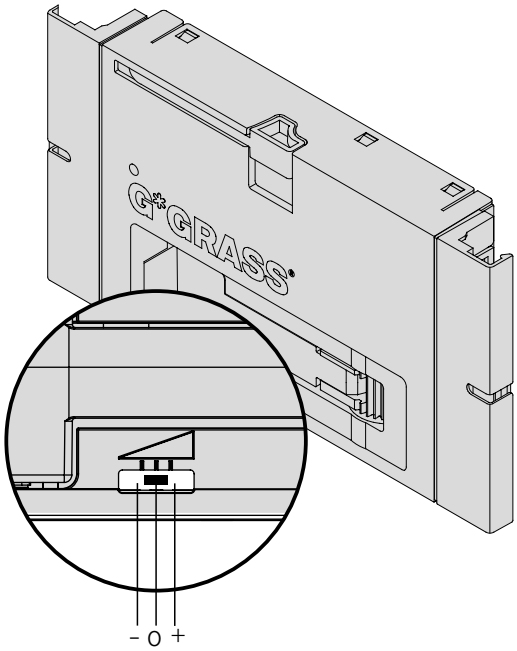


PAGE REFERENCES

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

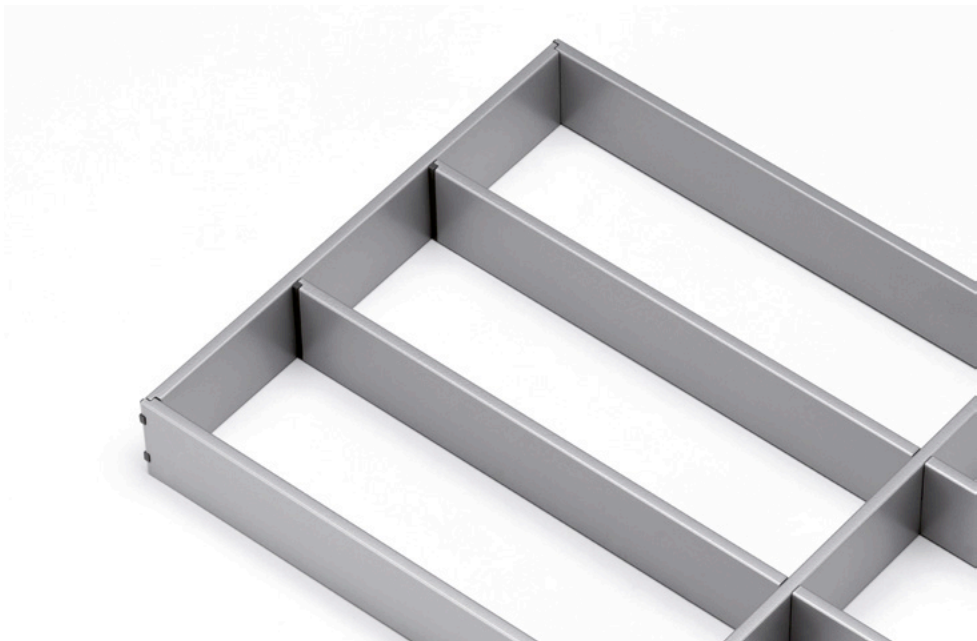
LEGEND

SYNK	Synchronisation cable



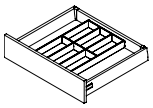
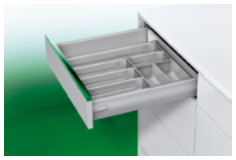
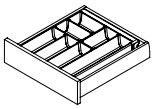
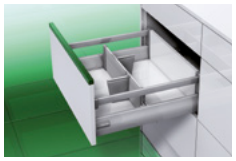
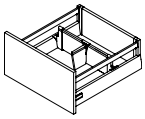
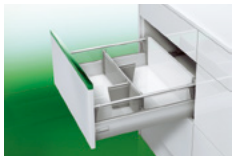
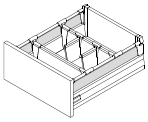
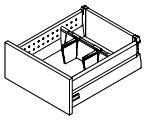
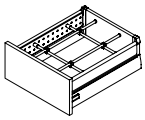
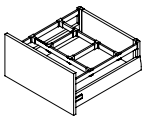
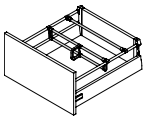
Tavinea Sorto.
Simple. Attractive. Tidy.

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** • 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** • 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** • 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** • 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** • 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** • 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** • 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** • Easy installation without tools • Can be retrofitted at any time • Extendable with double railing or bottle holder		122

TAVINEA SORTO
Interior accessory system



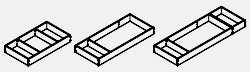
- Perfect organisation for cutlery and small items
- High-quality frames and divider rails made of powder-coated steel
- Innovative anti-slip device ensures firm seating on the base panel

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

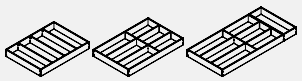
ORDER INFORMATION

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

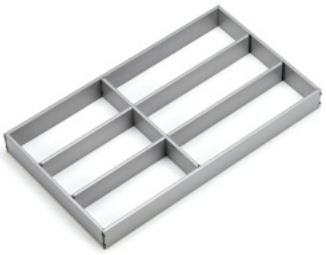


NL 550 - 650

2 Tavinea Sorto B276



NL 400



NL 450 - 500

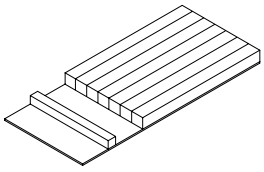


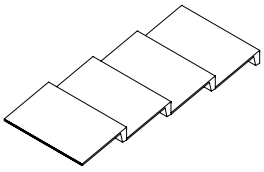
NL 550 - 650

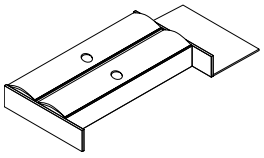
3 Tavinea Sorto divider rail



Tavinea Sorto accessories see page 106







LEGEND

B	Width
KB	Cabinet width
NL	Nominal length

TAVINEA SORTO
Accessories



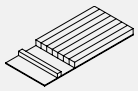
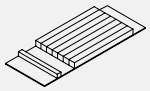
- The right accessories for all requirements
- Knives, spice jars, cooking foil, cutlery or Eau de Toilette – with Tavinea Sorto accessories, everything has its perfect place
- High-quality materials: Aluminium and solid wood

Packaging unit (PU):
201 = 1 unit in a cardboard box

Note:
Accessories are hygiene-tested and non-toxic

ORDER INFORMATION

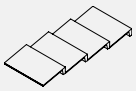
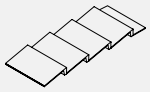
1 Knife block
Single item

Material	NL 450	PU	NL 500	PU	NL 550[1]	PU
Light ash	**F007**108**661**	201	**F007**102**418**	201	**F007**102**418** **F007**108**659**	201
Dark ash	**F007**108**662**	201	**F007**102**424**	201	**F007**102**424** **F007**108**660**	201

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

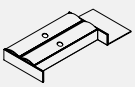
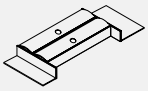
2 Spice rack
Single item

Material			NL 500	PU	NL 550[1]	PU
Light ash			**F007**102**420**	201	**F007**102**420** **F007**108**659**	201
Dark ash			**F007**102**426**	201	**F007**102**426** **F007**108**660**	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			**F007**102**422**	201	**F007**102**422** **F007**108**659**	201
Dark ash			**F007**102**428**	201	**F007**102**428** **F007**108**660**	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
Slides	50	Tavinea Sorto	104	Assembly aids	128
Flat packs	58	Installation information	108	Packaging code	131

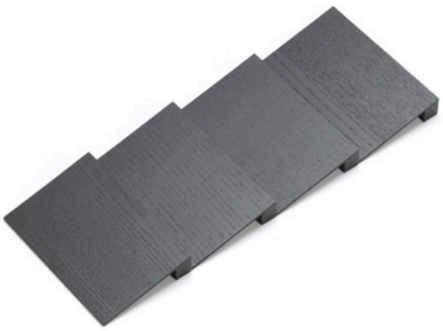
1 **Knife block**





2 **Spice rack**





3 **Foil holder**





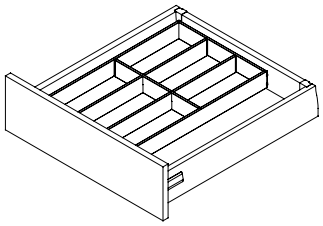
LEGEND

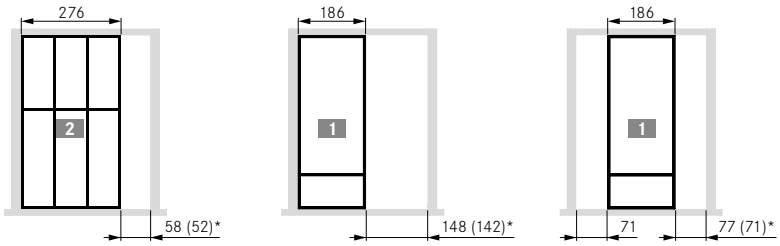
NL	Nominal length

TAVINEA SORTO
Installation information

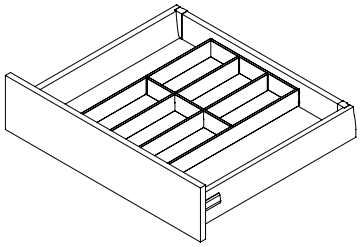
APPLICATION EXAMPLES

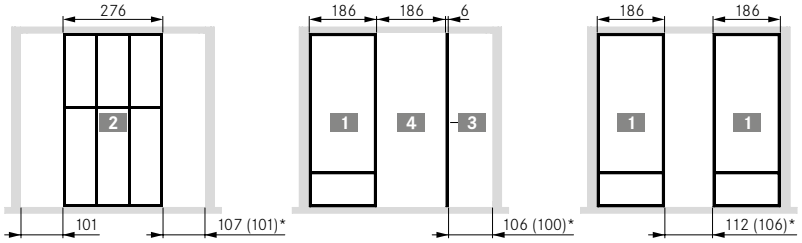
KB 450



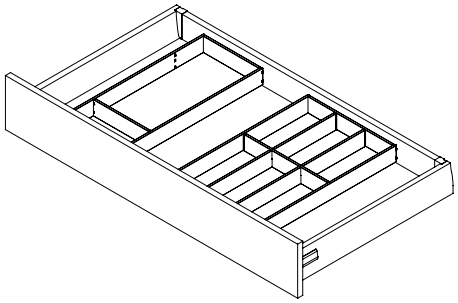


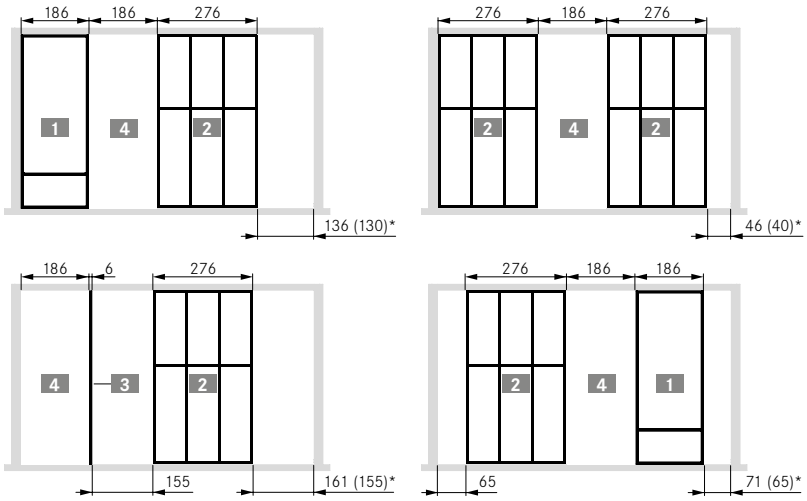
KB 600



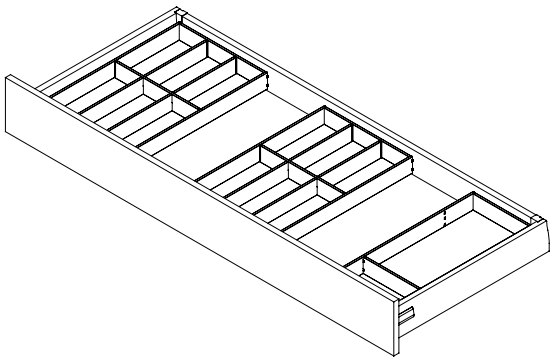


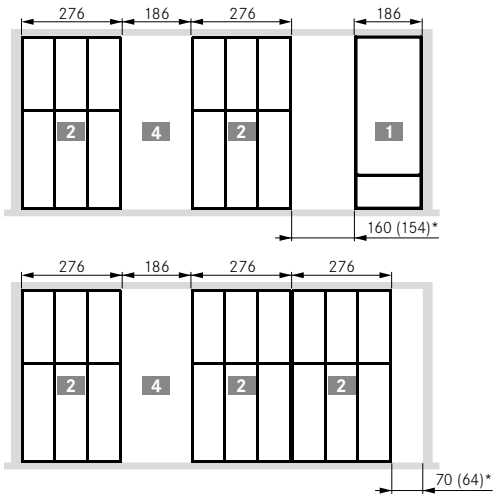
KB 900





KB 1200

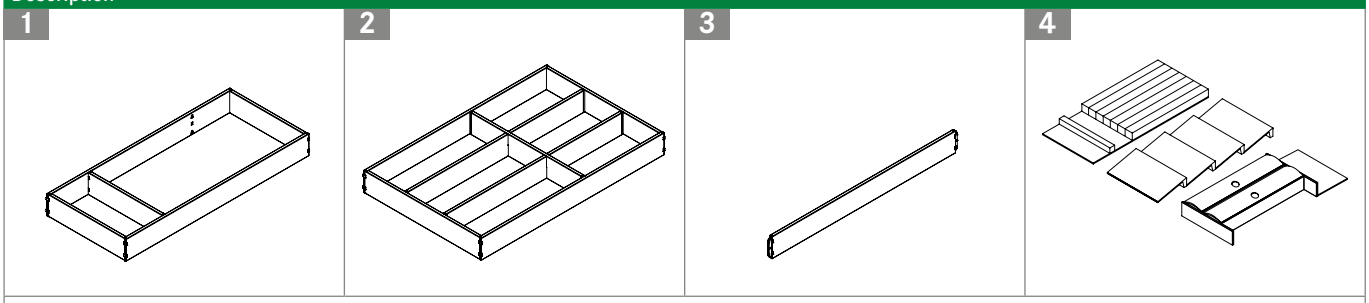


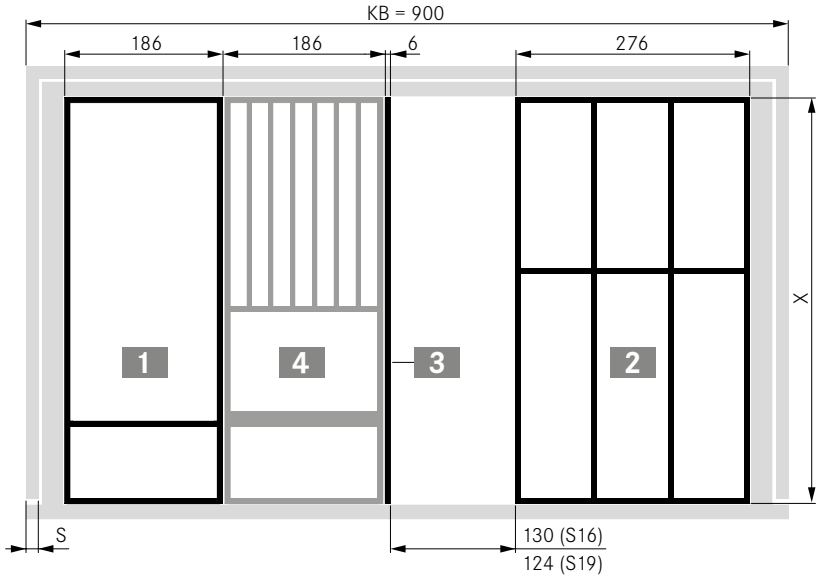


* S16 (S19)

APPLICATION EXAMPLE

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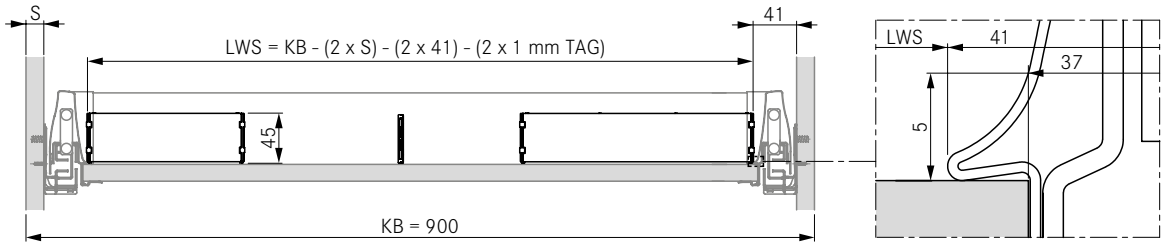




NL	X
350	322
400	372
450	422
500	472
550	523
600	573
650	623

INSTALLATION INFORMATION

Description

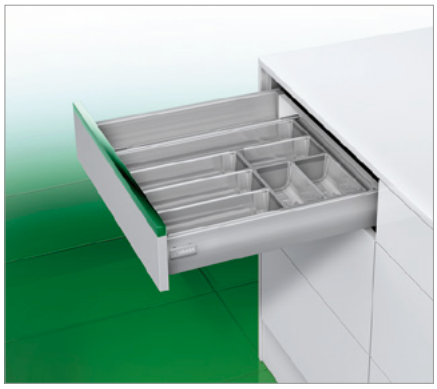


S	External cabinet width (KB)									
	300	400	500	600	700	800	900	1000	1100	1200
16	184	284	384	484	584	684	784	884	984	1084
18	180	280	380	480	580	680	780	880	980	1080
19	178	278	378	478	578	678	778	878	978	1078
	Internal dimension (LWS)									

LEGEND

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

ORGANISING SYSTEMS
Magic Sorto

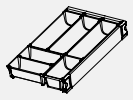


- Perfect organisation, for cutlery and small parts drawers
- High-quality stainless steel trays
- LGA-certified, hygiene-tested, non-toxic and dishwasher-proof
- Modular extension possible
- Without frame
- Variable tray arrangement possible

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

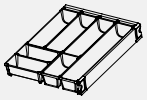
ORDER INFORMATION

1 Magic Sorto set B3
Set



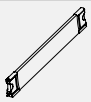
NL	Aluminium metallic	
	Art.-no.	PU
500	**F092075619**	201

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

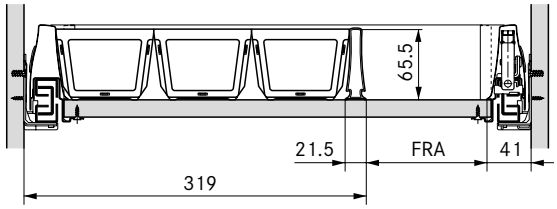
PAGE REFERENCES

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

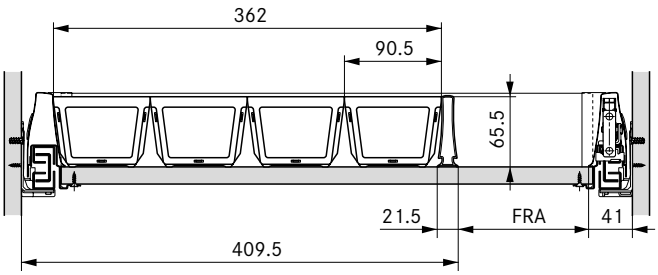
INSTALLATION INFORMATION

All dimensions in millimetres

Magic Sorto B3

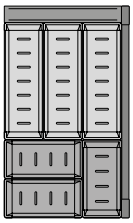


Magic Sorto B4 S



LAYOUT OPTIONS

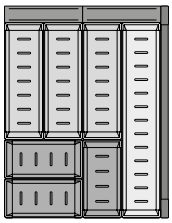
Magic Sorto set NL 500 B3
NL 500 and cabinet widths from 450 mm



Consisting of:

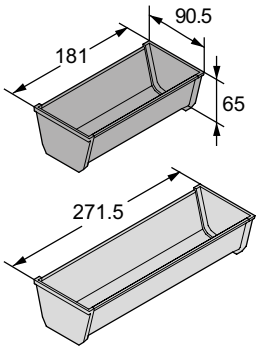
3 trays 270 x 90 mm
3 trays 180 x 90 mm
1 spacer bar 270 mm
1 spring-loaded divider rail

Magic Sorto set NL 500 B4S
NL 500 and cabinet widths from 600 mm

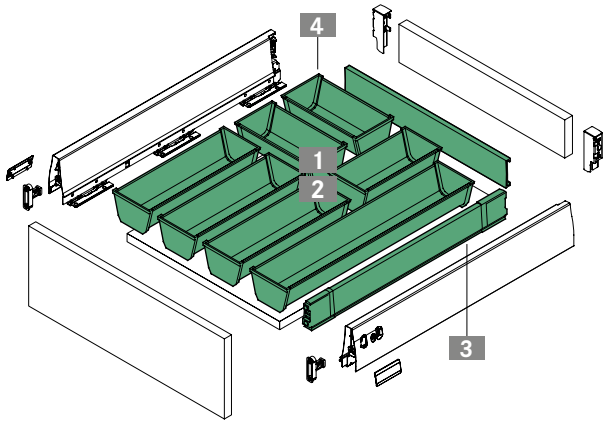


Consisting of:

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



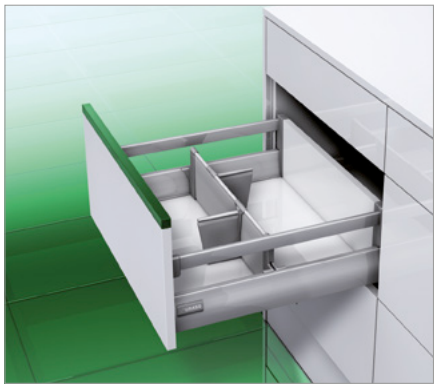
Exploded view drawing



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		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
95	**F092**101**577**	516	**F092**100**488**	516	**F092**136**394**	516

2 Magic Optima Smartboard
Single item



	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092075**826**	511	**F102**100**670**	211	**F102**102**838**	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	**F092**075**808**	207	**F092**075**809**	207	**F092**136**393**	207

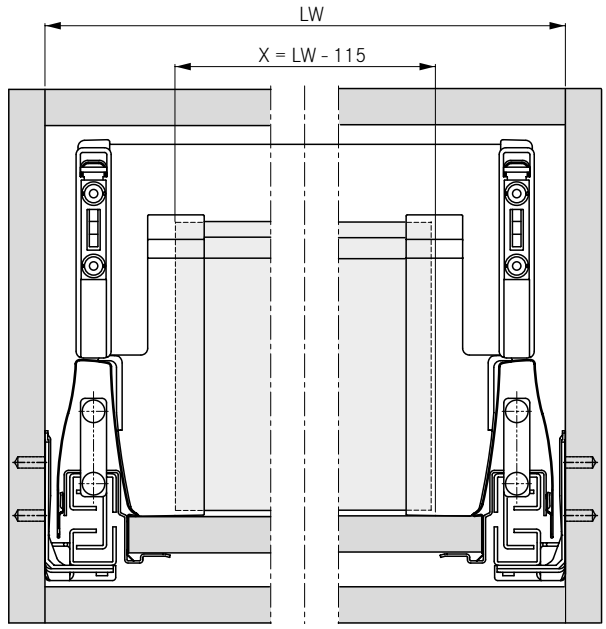
PAGE REFERENCES

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

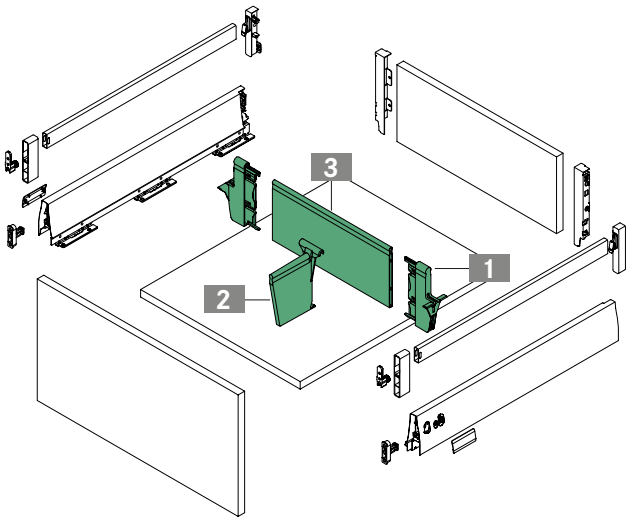
INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions



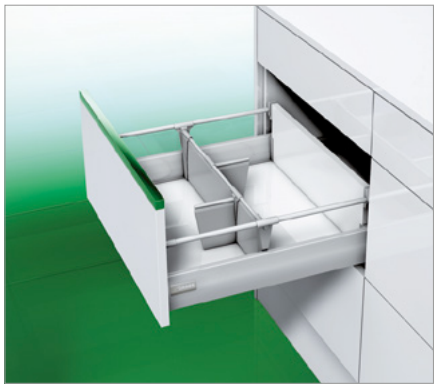
Exploded view drawing



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
	F092075**823**	516	**F092**076**844**	516	**F092**136**395**	516

2 **Magic Optima Smartboard**
Single item



	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092075**826**	511	**F102**100**670**	211	**F102**102**838**	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	**F092**075**808**	207	**F092**075**809**	207	**F092**136**393**	207

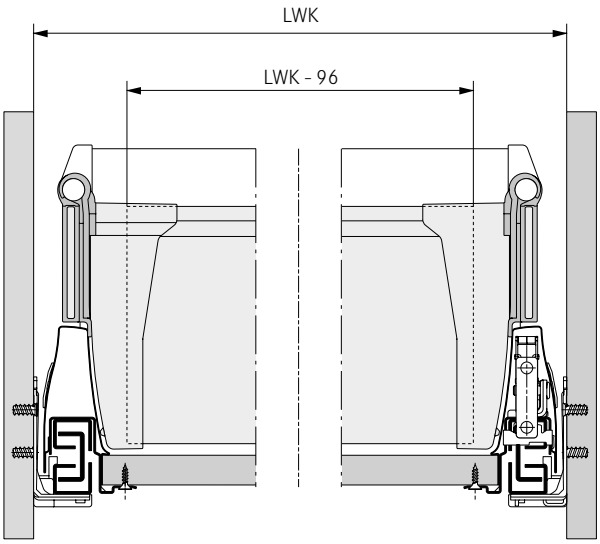
PAGE REFERENCES

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

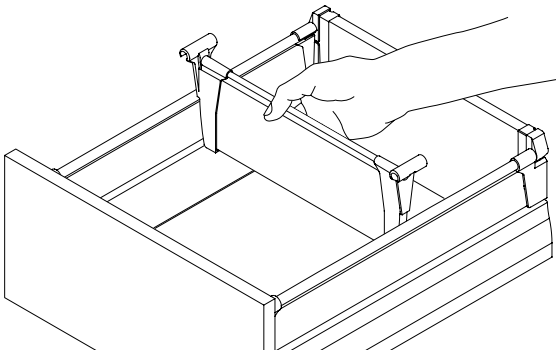
INSTALLATION INFORMATION

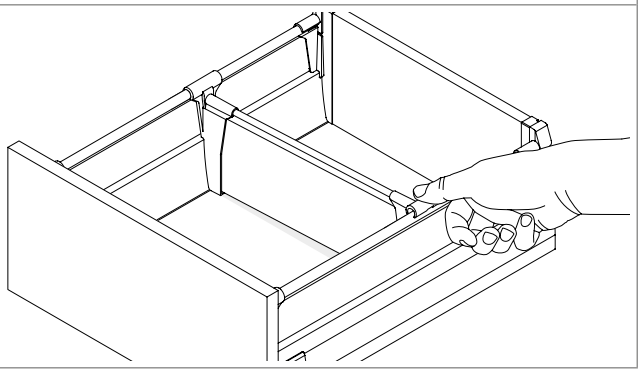
All dimensions in millimetres

Installation dimensions

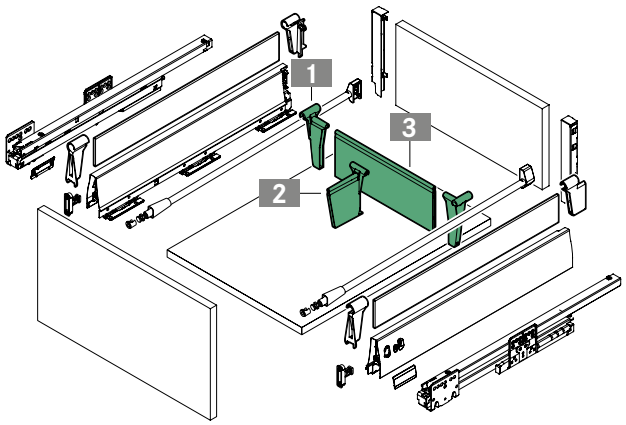


Installation





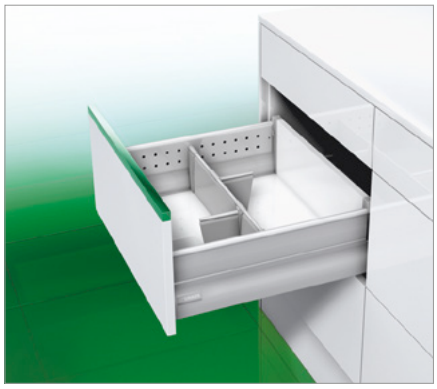
Exploded view drawing



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
	F092075**819**	516	**F092**076**845**	516	**F092**136**396**	516

2 Magic Optima Smartboard
Single item



	Aluminium metallic		White		Stone	
	Art.-no.	PU	Art.-no.	PU	Art.-no.	PU
	F092075**826**	511	**F102**100**670**	211	**F102**102**838**	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	**F092**075**808**	207	**F092**075**809**	207	**F092**136**393**	207

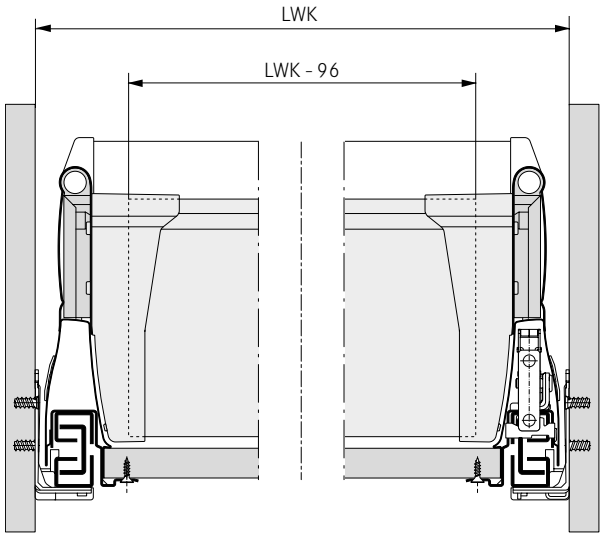
PAGE REFERENCES

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

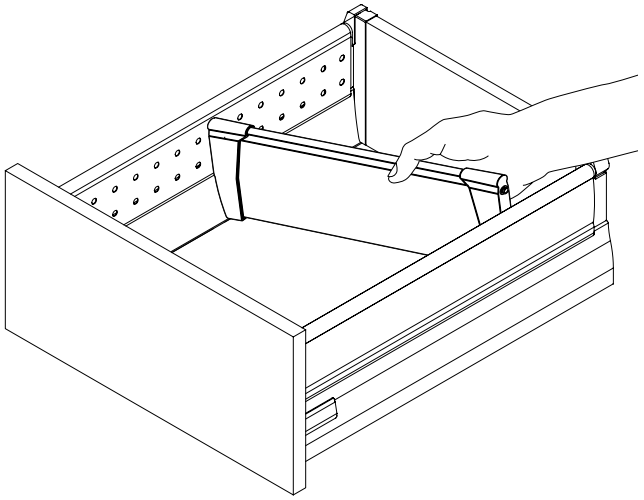
INSTALLATION INFORMATION

All dimensions in millimetres

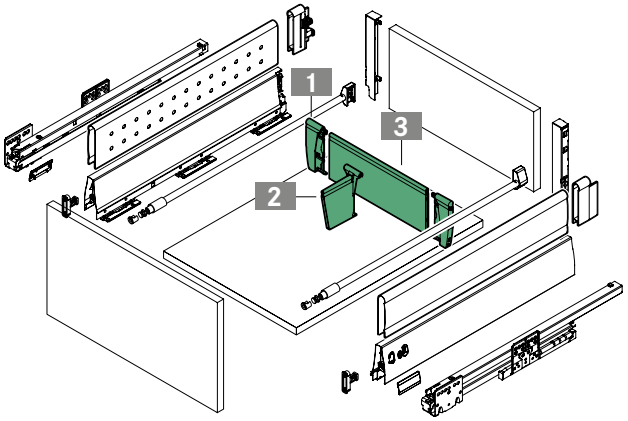
Installation dimensions



Installation



Exploded view drawing



LEGEND

L	Length
LWK	Inside cabinet width

DIVIDING SYSTEMS
Magic Classic for Duowing

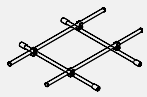


- Variable division of pot drawer H95 when using Duowing
- Fast, tool-free installation using spring/click connection
- Can be retrofitted at any time
- Tool-free adjustment
- Colour coordinated with drawer side
- Longitudinal and cross dividers for cutting to length

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

ORDER INFORMATION

1 Magic Classic divider set for NL 500

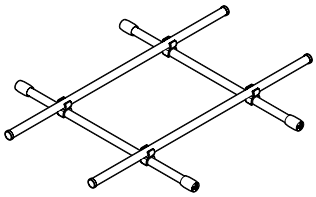


KB	Aluminium metallic		White	
	Art.-no.	PU	Art.-no.	PU
600	**F092**075**796**	513	**F092**077**405**	513
1200	**F092**075**793**	513	**F092**077**406**	513

1 set for cabinet width 600 comprising:

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

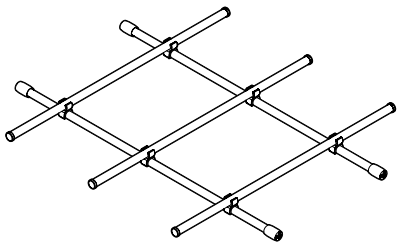
KB 600



1 set for cabinet width 1200 comprising:

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

KB 1200



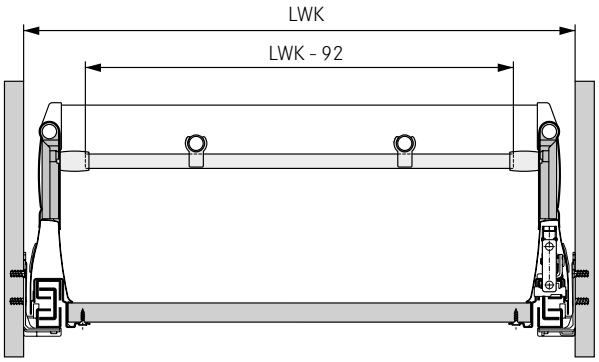
PAGE REFERENCES

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

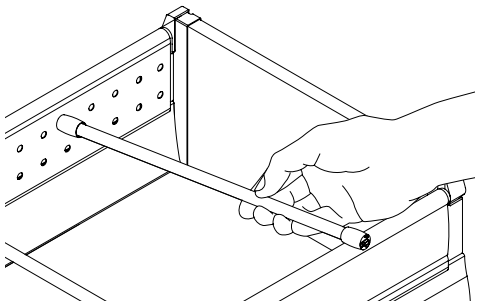
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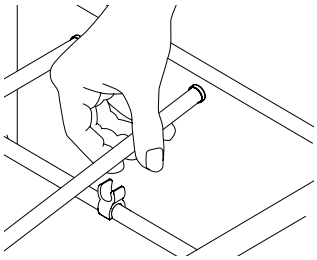
All dimensions in millimetres

Installation dimensions

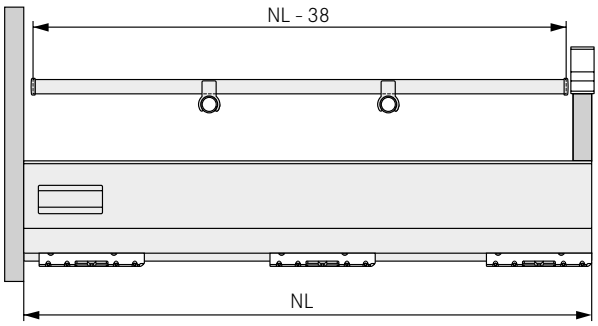


Installation

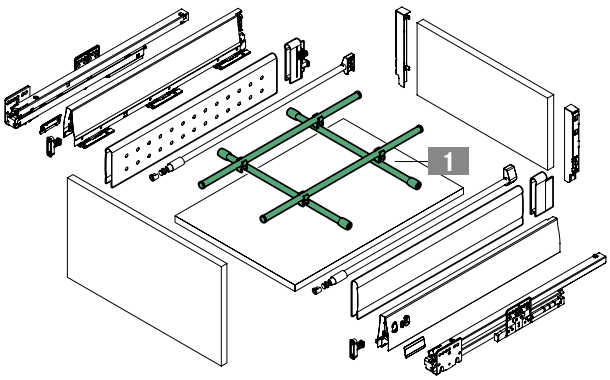




Cutting dimensions for longitudinal dividers



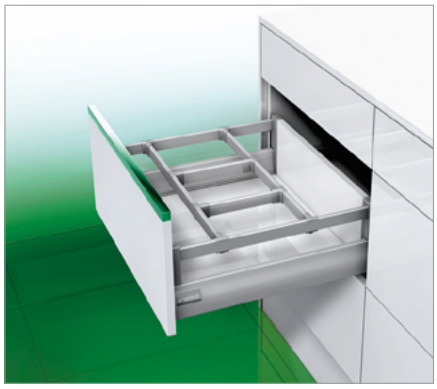
Exploded view drawing



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	**F092**077**417**	211	**F092**076**916**	211	**F092**136**342**	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
	F092077**414**	211	**F145**096**770**	111	**F092**136**401**	211

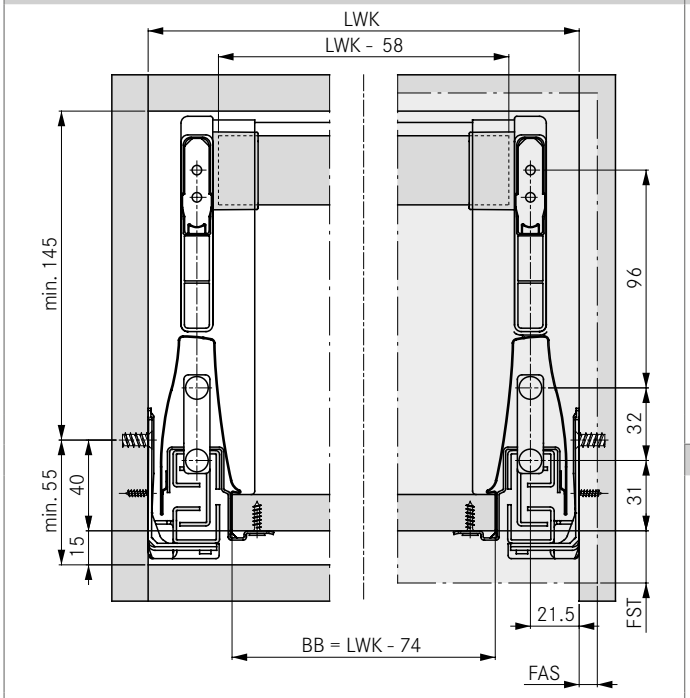
PAGE REFERENCES

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

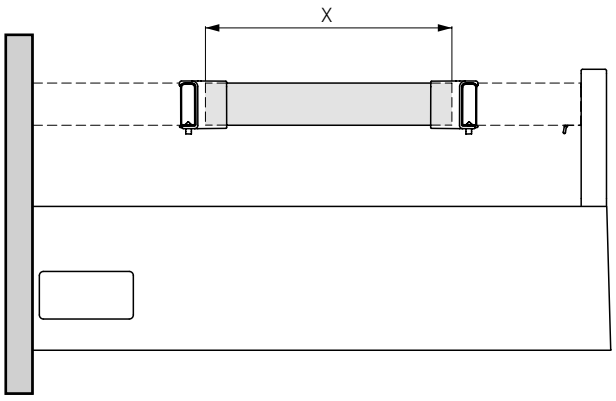
INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions

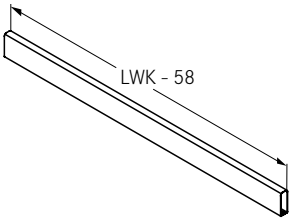


Cutting dimensions for longitudinal divider

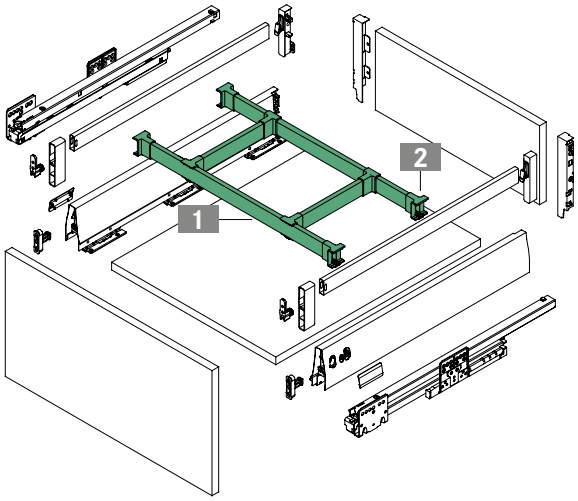


X = 181 mm (recommended), can be extended in 25 mm steps

Cutting dimensions for rectangular railing divider



Exploded view drawing

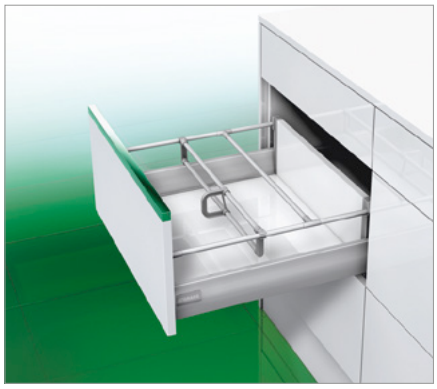


LEGEND

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

DIVIDING SYSTEMS

Round cross railing divider and bottle holder



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

Packaging unit (PU):
211 = 20 units in a cardboard box
223 = 100 units in a cardboard box
233 = 200 units in a cardboard box

ORDER INFORMATION

1 **Round railing divider profile**
Single item: For cutting to length



L	Aluminium metallic			White			Stone								
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
1150	**F092**082**461**	211		**F092**082**479**	211		**F092**136**341**	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							
	F092082**484**	233		**F092**071**504**	233		**F092**136**398**	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							
	F092082**486**	223		**F092**071**505**	223		**F092**136**399**	223							

4 **Bottle holder**
Single item



	Aluminium metallic			White			Stone								
	Art.-no.	PU		Art.-no.	PU		Art.-no.	PU							
	F092082**488**	223		**F092**076**842**	223		**F092**136**400**	223							

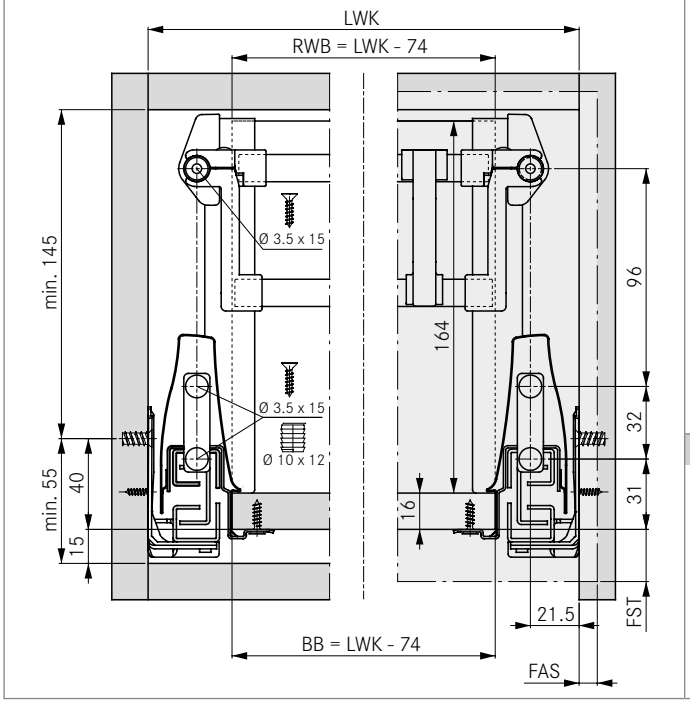
PAGE REFERENCES

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

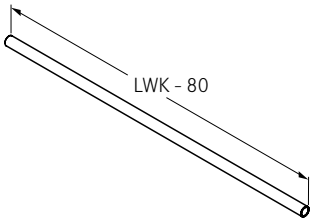
INSTALLATION INFORMATION

All dimensions in millimetres

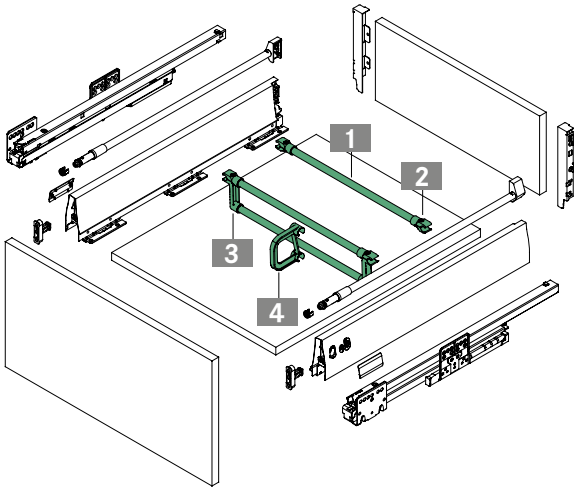
Installation dimensions H95



Cutting dimensions for round railing divider



Exploded view drawing

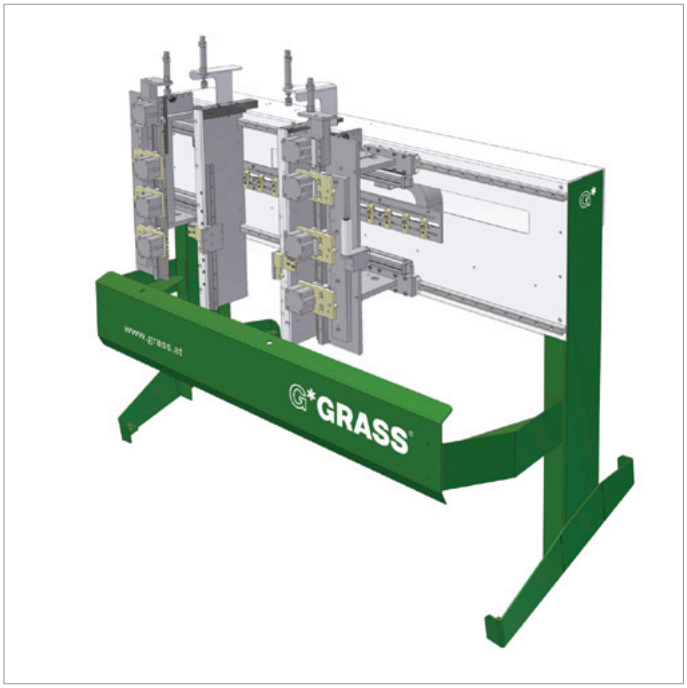


LEGEND

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

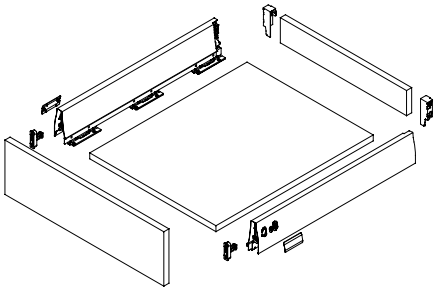


- Easy and straightforward handling of the individual parts on the machine
- For large series production
- Any required drawer width can be set
- Adjustment with pneumatic clamping
- Fast operating sequences
- Very sturdy frame construction
- All DWD XP lengths can be processed
- It is possible to process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

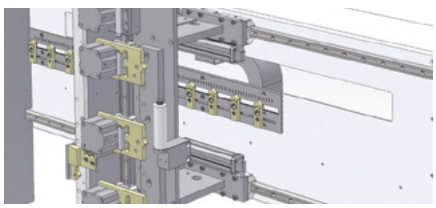
Designation	Art.-no.	PU
Tecmator ZP-XP	**F146**083**263**	801

DWD XP

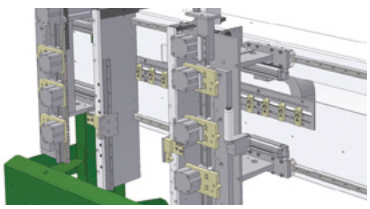


ADVANTAGES

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

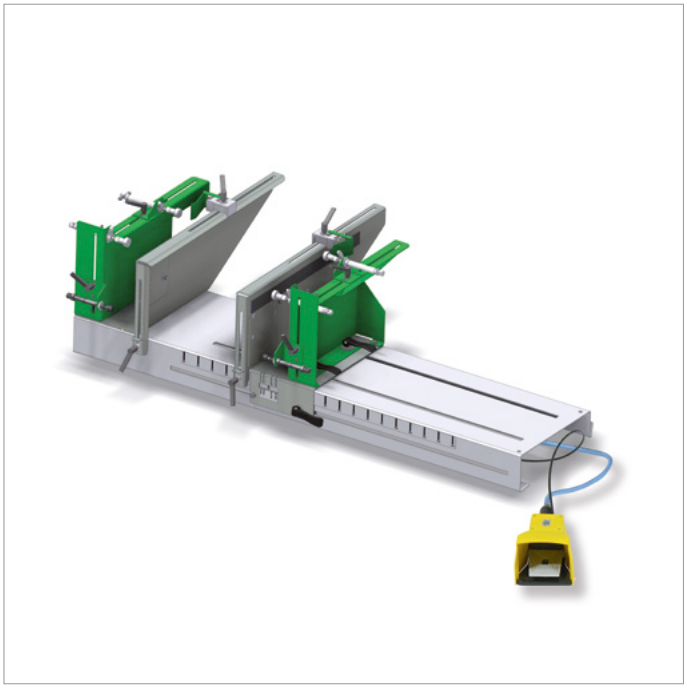
Dimensions	
Width	2.00 m
Depth	1.00 m
Height	1.75 m

Weight	
ZP-XP	320 kg

LEGEND

TECMATOR ZMV-TP4

Semi-automatic assembly of regular and pot drawers

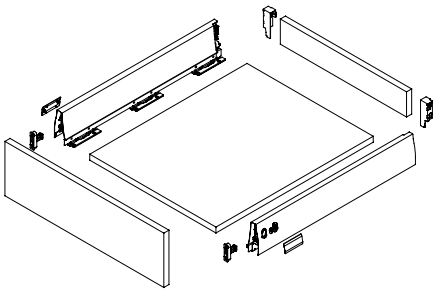


- Pneumatic table-top machine (up to a drawer width of 250 mm) for all GRASS slide systems: Nova Pro, DWD XP, Vionaro and Integra
- Drawers with an external cabinet width of up to 1200 mm can be processed with the ZMV-TP4
- Easy and straightforward handling
- Sturdy construction
- For small series production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

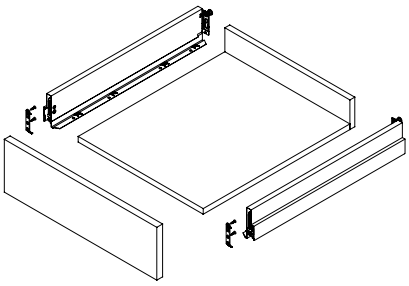
ORDER INFORMATION

Designation	Art.-no.	PU
Tecmator ZMV-TP4	**F146**108**668**	201

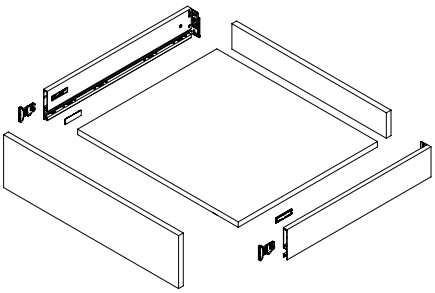
DWD XP



NOVA PRO



VIONARO

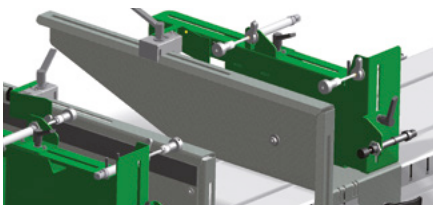


ADVANTAGES

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

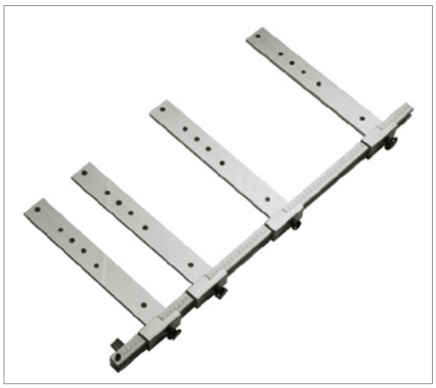
LEGEND



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	**F146**108**833**	201

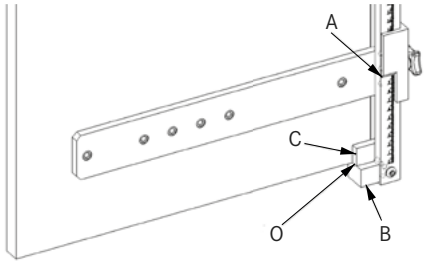


DRILLING JIG FOR CABINET MEMBER

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



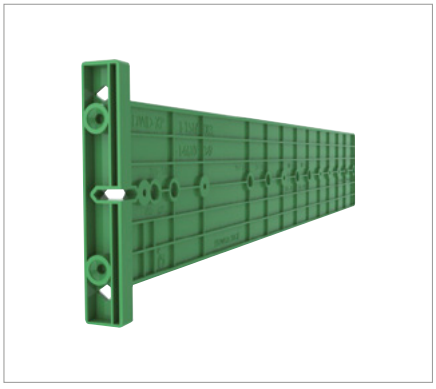
	Art.-no.	PU
	F146094**730**	501



INDIVIDUAL MARKING ELEMENT

For extending the drilling jig
for cabinet member F146094730.

	Art.-no.	PU
	F146094**721**	299



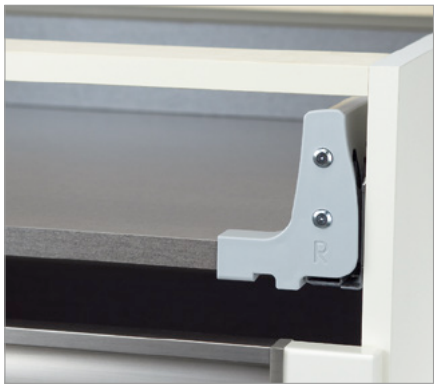
DRILLING JIG FOR CABINET MEMBER

For use with pilot drill bit F146035692.

	Art.-no.	PU
	F146101**347**	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
	F146083**256**	101



DWD XP FRONT DRILLING JIG

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



	Art.-no.	PU
	F146083**259**	201



DWD XP F8 FRONT DRILLING JIG

For pre-drilling the F8 inset panel.

	Art.-no.	PU
	F146101**057**	201



DWD XP RAILING DRILLING JIG

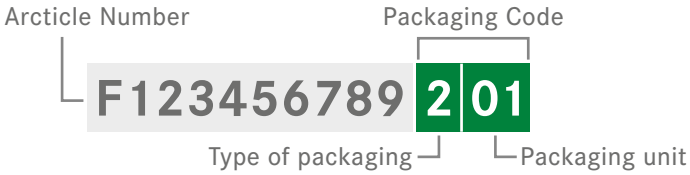
For DWD XP railing.



	Art.-no.	PU
	F146083**261**	101

LEGEND

PACKAGING CODE
Explanation



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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Status: 07/2019
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