



G* GRASS®

SLIDE SYSTEMS

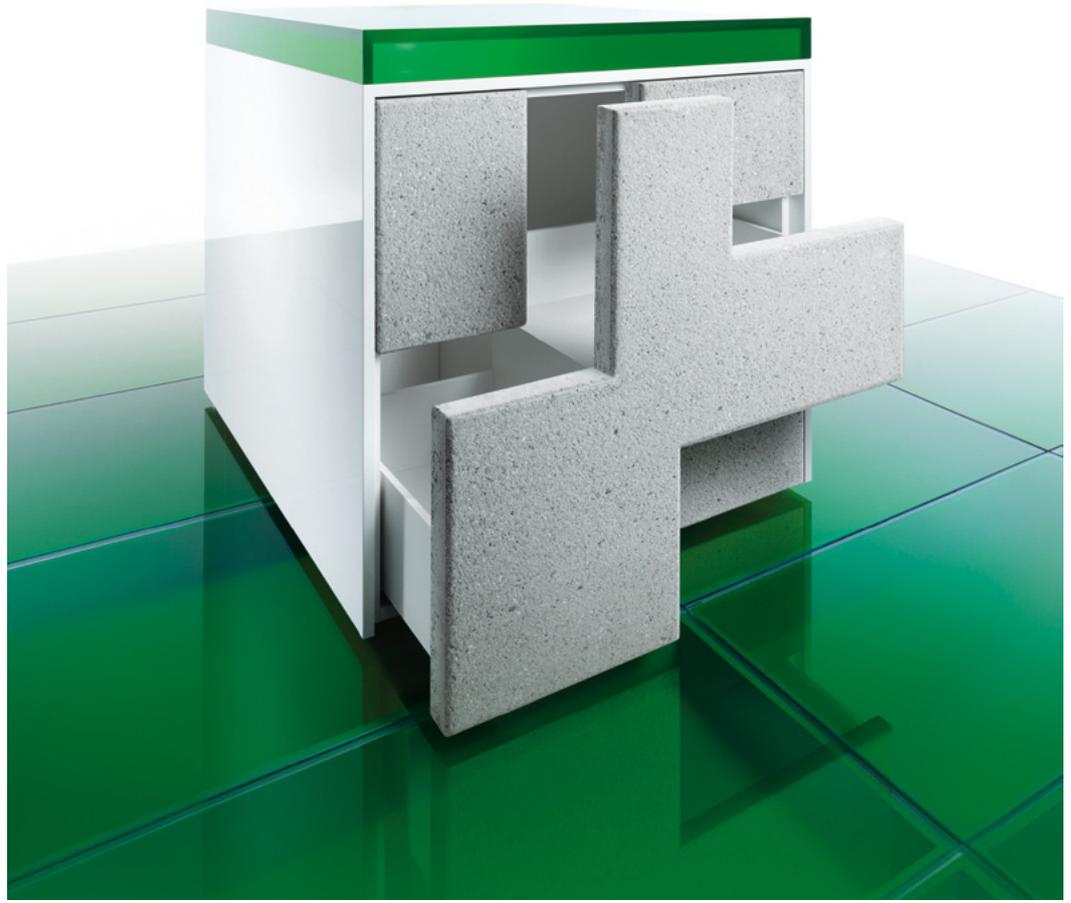
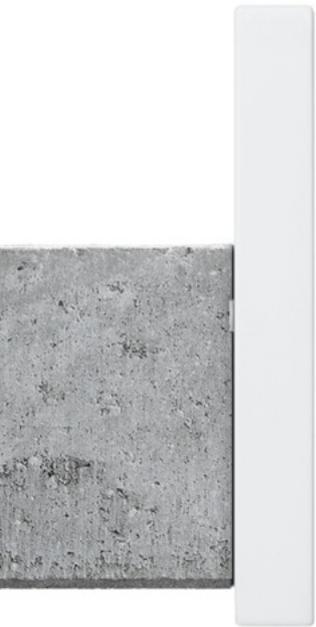
The new slide generation for wooden drawers.
Elegant, convenient, concealed and extremely effective.





Concealed functionality
for the utmost individuality
in drawer design.





DYNAPRO SLIDE SYSTEM



reddot design award
winner 2010

**High load capacity. Synchronised movement.
4D adjustment. The multitude of special qualities makes
Dynapro a unique movement system for individualists.**

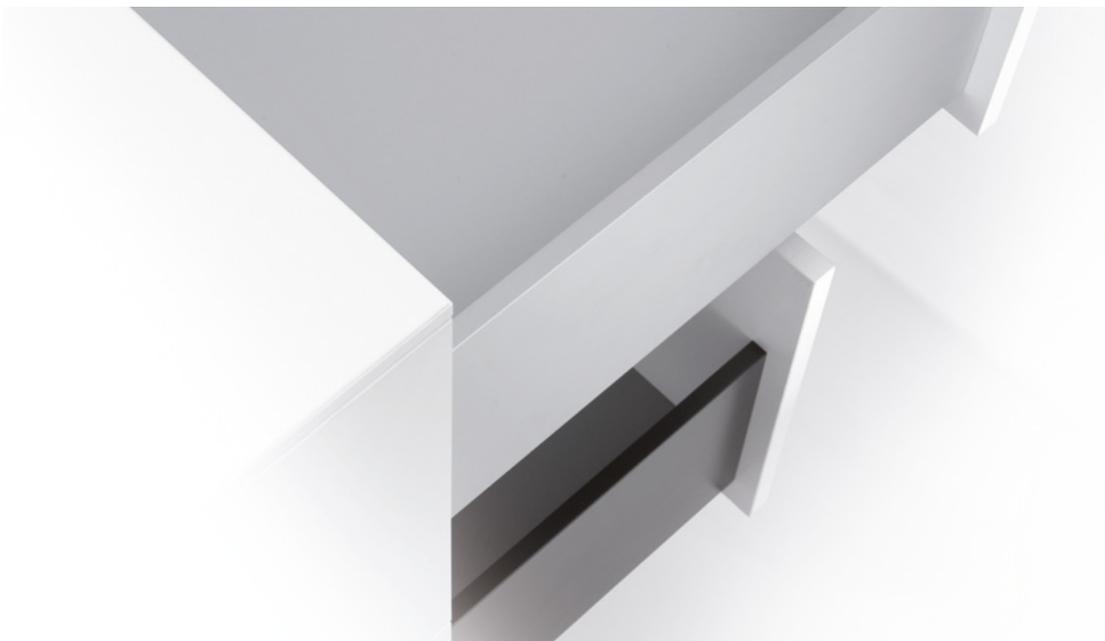
If you prefer unusual design and expect a concealed drawer slide to offer excellent running performance, high stability, precision and exceptional operating comfort – then Dynapro is exactly right for you. Handle-free surfaces, high fronts, wide drawers or unusual materials – the slide system for full-extension drawers offers unlimited design options. Dynapro is one of the world's leading concealed slide systems with an integrated facility for height, side and tilt angle adjustment as well as an optional depth adjustment feature that can be retrofitted.



Dynapro – the powerful precision slide for absolute design freedom.

The perfect combination: Vionaro drawer system

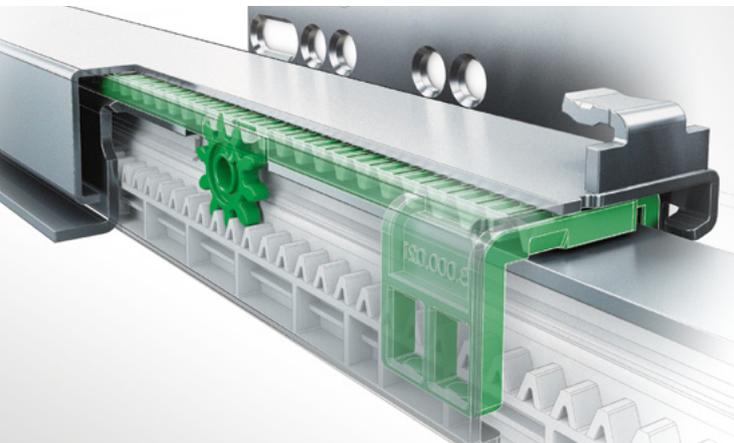
Dynapro – the slide that offers greater modularity. This concealed slide system serves as a basis for wooden drawers as well as for the GRASS Vionaro drawer system. The minimalist drawer sides in aluminium or steel add elegant visual design to the Dynapro slide technology.



DYNAPRO SLIDE SYSTEM

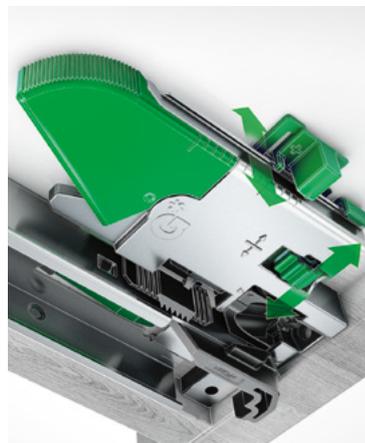
Whether you are dealing with wood, aluminium, glass, natural stone or concrete – let Dynapro provide the inspiration for new ideas.

Innovating means adopting new approaches. That applies just as much to the creation of new furniture designs as it does to the development of new movement systems. The more offbeat the idea, the more vital it becomes to have intelligent function characteristics. To cater for even the most exceptional requirements, GRASS has developed a completely new slide system that combines concealed functionality and outstanding running performance. For furniture designers, this opens up entirely new perspectives.



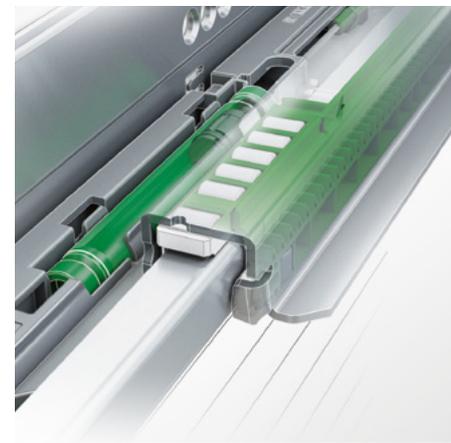
Synchronisation for excellent running characteristics.

Unlike conventional concealed slide systems, Dynapro is the only fitting that features a synchronisation mechanism. Even under high load, the excellent running performance of Dynapro remains unchanged. Load forces of up to 70 kg present no problem for the system. Abrasion-resistant plastic rollers ensure a smooth, even glide every time.



Four dimensions for perfect alignment.

Dynapro offers integrated height, side and tilt angle adjustment as well as an optional depth adjustment feature. All adjustments are tool-free, readily accessible and easy to handle. In short – it takes just a few tweaks to achieve optimal alignment.



Three options for the utmost in operating comfort.

Soft-close, the successful damping system, closes Dynapro drawers gently and quietly. With Tipmatic, the mechanical opening system, it is possible to operate large handle-free fronts which will open with a gentle tap. And with Sensomatic, the electromechanical opening system, Dynapro drawers open as if by magic.



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

SOFT-CLOSE
DAMPING SYSTEM

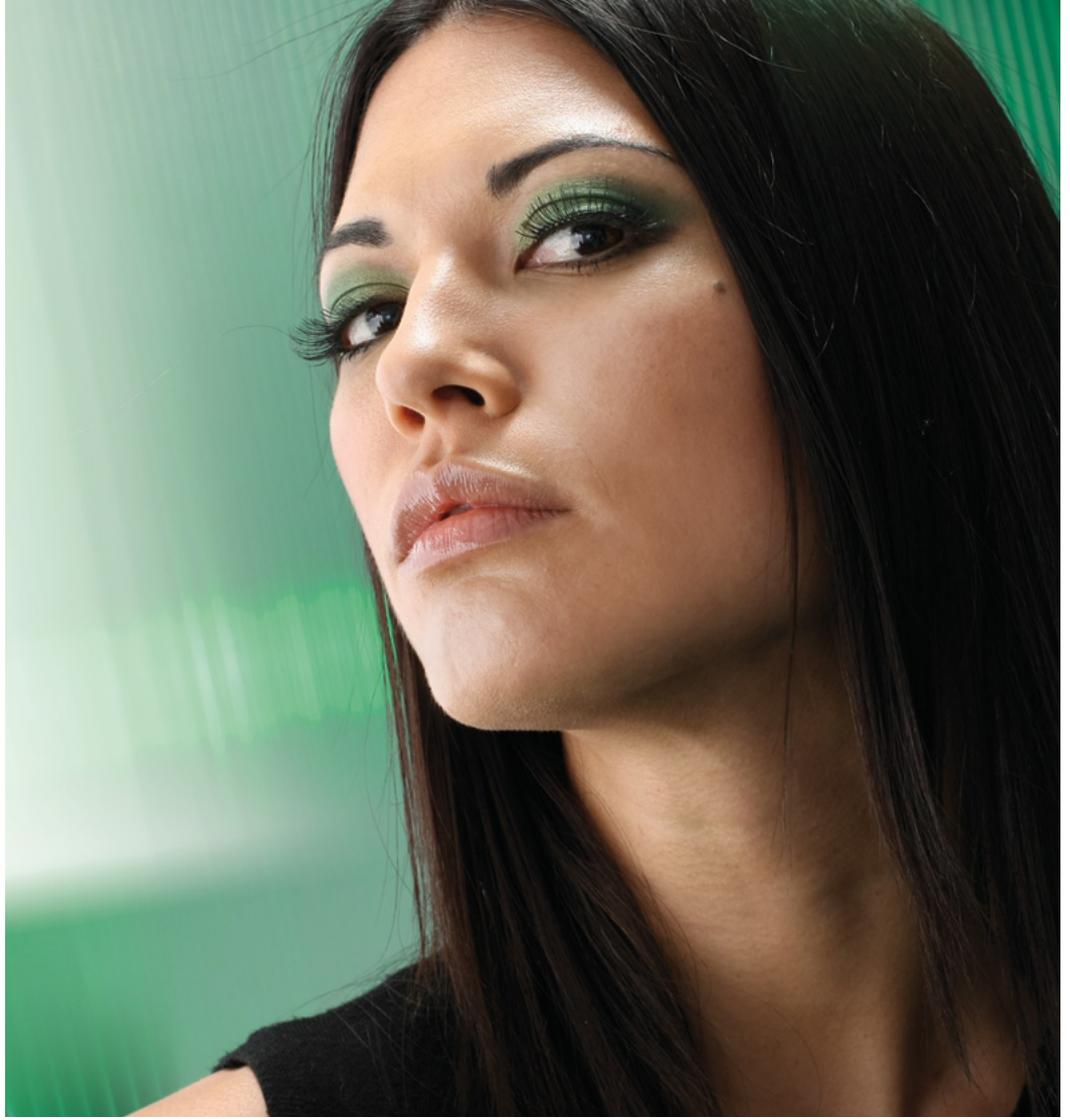
With the GRASS Soft-close damping concept, each movement becomes an experience, because closing drawers with Soft-close is something special. Soft-close gently slows the drawers and pulls them to the fully closed position. It is therefore no surprise that Soft-close has become the benchmark.



TIPMATIC
OPENING SYSTEM

Mechanical opening of regular and pot drawers.

Tipmatic offers optimum design options for stylish designer furniture. Thanks to the touch-activated mechanism, it is possible to operate large handle-free fronts and doors which will open with a gentle tap. The Tipmatic function is integrated into the slide and can be subsequently synchronised without tools.



COMFORT SYSTEMS

SENSOMATIC
OPENING SYSTEM

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

Action. Reaction. Interaction. Comfort cannot be any more fascinating. Thanks to Sensomatic's automatic touch-sensitive function, a gentle trigger is enough to start the drawer movement.

Ideally, the development of new products involves a direct dialogue with the people who will use them. Our comfort systems are a case in point.

Opening and closing drawers has never been more comfortable. GRASS comfort systems and movement solutions complement each other to create a harmonious multi-functional principle. We aim to combine the advantages of handle-free opening with the elegance of damped closing, as in the case of Sensomatic with Soft-close. Because the combination of these outstanding functions guarantees the highest level of operating comfort.

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



GRASS SLIDE SYSTEMS

Concealed functionality for the utmost individuality.

CHARACTERISTICS	DYNAPRO	DYNAMOOV	DYNAMIC NT
30 kg load capacity	-	■	■
40 kg load capacity	■	-	-
70 kg load capacity	■	-	-
Full extension drawer for optimal access	■	■	-
Single extension slide for easy access	-	-	■
Synchronisation without mid-way knock	■	■	-
Height adjustment	■	■	■
Side adjustment	■	-	-
Tilt angle adjustment	■	-	-
Depth adjustment	■	-	-
Soft-close damping system	■	■	■
Self-close closing system	-	■	■
Sensomatic opening system	■	-	-
Tipmatic Opening system	-	■	-
Tipmatic Opening system with optional synchronisation	■	-	-

SLIDE SYSTEMS

Concealed slide systems for all applications.
Elegant, convenient, concealed and extremely effective.



DYNAPRO

11

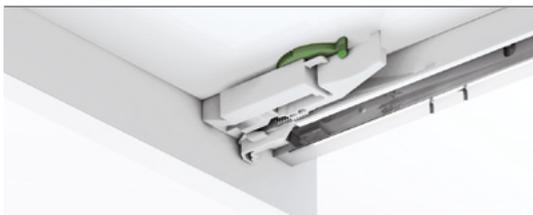
Synchronised full extension drawer with integrated three-dimensional adjustment for 40 kg and 70 kg load capacities. Slide-on mounting.



DYNAPRO SENSOMATIC

27

Electromechanical opening system for regular and pot drawers.



DYNAMOOV

49

Synchronised full extension slide with integrated height adjustment and 30 kg load capacity. Slide-on mounting.



DYNAMIC NT

67

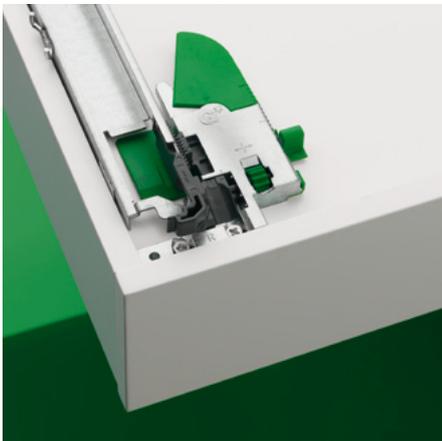
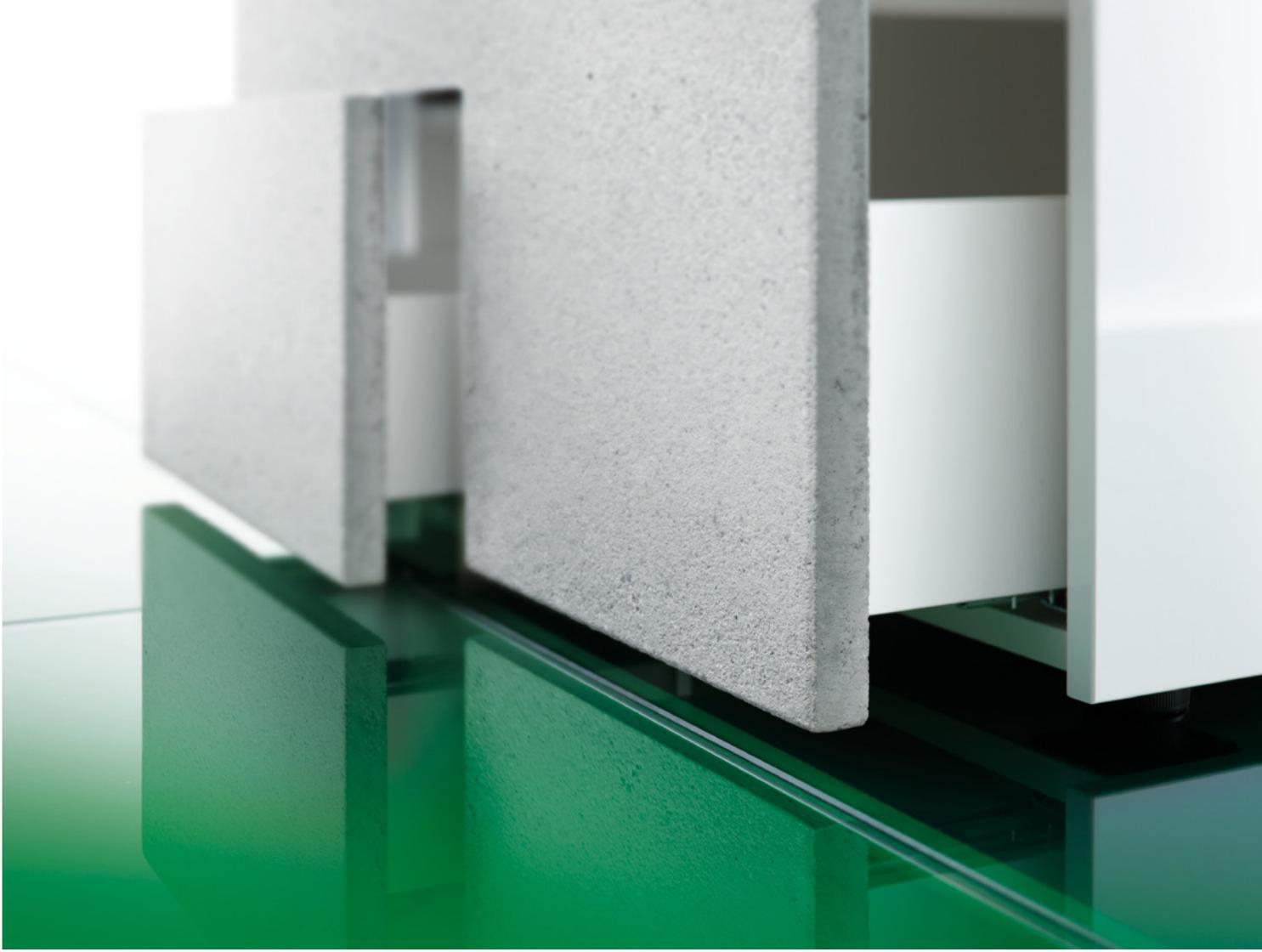
Synchronised single extension slide with integrated height adjustment and 30 kg load capacity. Slide-on mounting.



ROLLER SLIDES

81

Sturdy single and full extension drawer slides of tried-and-tested quality.



DYNAPRO SLIDE SYSTEM

The multitude of special qualities makes Dynapro a unique movement system for individualists.

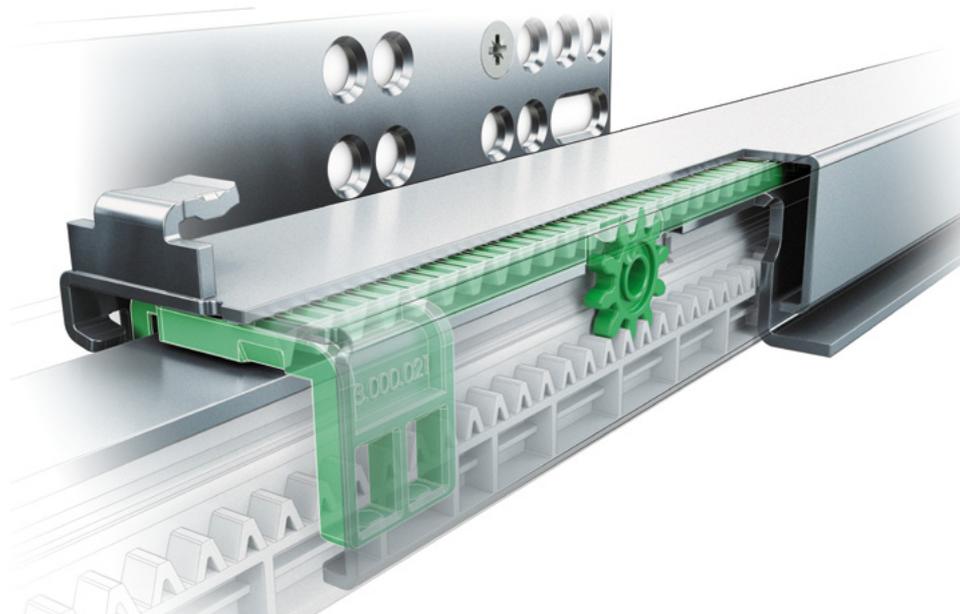
QUALITY CERTIFICATE



Excellent running characteristics, synchronised movement, 3D-adjustment and a high load capacity are only some of the outstanding features for which this slide system - in use in millions of installations - received the coveted Red Dot Design Award.

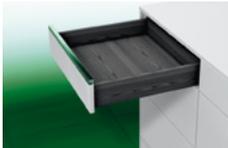
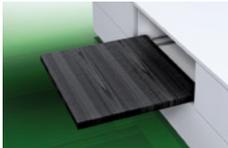
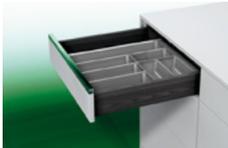


reddot design award
winner 2010



DYNAPRO SLIDE SYSTEM

A new slide generation for wooden drawers.
The powerful precision slide for absolute design freedom.

	Product description	Page
	<p>Dynapro full extension drawer with Soft-close 40/70 kg</p> <ul style="list-style-type: none"> • Soft-close damping system • Integrated, tool-free 3-dimensional adjustment facility – height adjustment + 3.5 mm, side adjustment ± 1.5 mm, tilt angle adjustment + 4 mm 	12
	<p>Dynapro full extension drawer Tipmatic, 40/60 kg</p> <ul style="list-style-type: none"> • Tipmatic opening system • Integrated, tool-free 4-dimensional adjustment facility – height adjustment + 3.5 mm, side adjustment ± 1.5 mm, tilt angle adjustment + 4 mm, front gap adjustment + 1.5 mm 	14
	<p>Dynapro for base panel mounting and pull-out shelf</p> <ul style="list-style-type: none"> • Installation on the cabinet base or additional base panel • Shelf holder set • Height adjustment + 3.5 mm 	16
	<p>Dynapro railing drawer</p> <ul style="list-style-type: none"> • Organisation for wooden drawers • Screw fixing railing 	18
	<p>Organising system Ino(x)sys</p> <ul style="list-style-type: none"> • High-quality stainless steel trays • LGA certified • Hygiene-tested, non toxic and dishwasher-proof 	20
	Technical information	22
	Assembly aids	24

DYNAPRO

Full extension drawer Soft-close 40/70 kg



- Full extension drawer, synchronised 40 kg or 70 kg load capacity
- Soft-close damping system
- Stepless self-locking of the drawer when placed on the slide
- Integrated, tool-free 3-dimensional adjustment facility
 - Height adjustment + 3.5 mm
 - Side adjustment ± 1.5 mm
 - Tilt angle adjustment + 4 mm
- Optional depth adjustment + 3.5 mm

ORDER INFORMATION

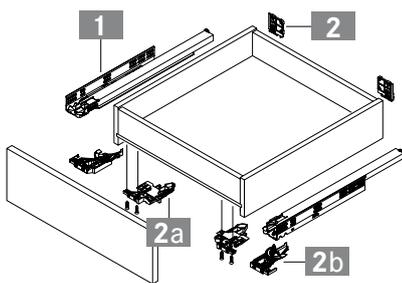
1 Dynapro Soft-close full extension drawer slides			
NL	40 kg	70 kg	
250	F130116014	-	
270	F130116015	-	
300	F130116016	-	
320	F130116017	-	
350	F130116018	-	
380	F130116019	-	
400	F130116020	-	
420	F130116021	-	
450	F130116022	F130116927	
480	F130116023	-	
500	F130116024	F130116930	
520	F130116025	F130116933	
550	F130116026	F130116936	
580	-	F130100880	
600	F130117116	F130116942	
650	-	F130116945	
700*	-	F130116034	
750*	-	F130116035	

* Load capacity 50 kg

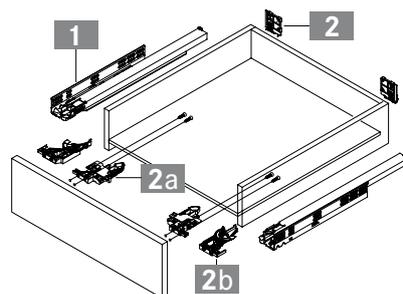
2a 3D Set Dynapro Front locking device and adjustment adapter (height, side and tilt adjustment) in a set			
Item No.			
F134125074			

2b 2D Set Dynapro Front locking device and adjustment adapter (height and tilt adjustment) in set			
Item No.			
F134117193			

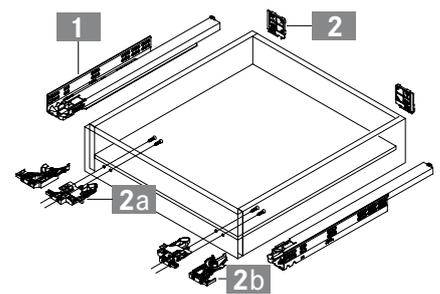
3 Optional: Dynapro depth adjustment			
Item No.			
F134101313			



4-sided drawer



3-sided drawer



Inset drawer

INO(X)SYS	20
Dynapro pull-out shelf	16

Dynapro Sensomatic	27
Assembly aids	24

Technical information	22
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions

Drawer

Inset drawer

	NL	SKL	MET
	250	240	253
	270	260	273
	300	290	303
	320	310	323
	350	340	353
	380	370	383
	400	390	403
	420	410	423
	450	440	453
	480	470	483
	500	490	503
	520	510	523
	550	540	553
	580	570	583
	600	590	603
	650	640	653
	700	690	703
	750	740	753

Locking device fixing position

Adjustment adapter fixing position

Fixing positions for full extension drawer slides

Euro screw \varnothing 6.3 x 14 mm
Chipboard screw \varnothing 4 x 16 mm
Screw head \varnothing 7 mm

Weights: 40 kg, 70 kg

LEGEND

HV	Height adjustment	MET	Minimum installation depth	SV	Side adjustment
KV	Front edge of cabinet	NL	Nominal length		
LWK	Inside cabinet width	NV	Tilt angle adjustment		
LWS	Internal drawer width	SKL	Length of drawer		

DYNAPRO

Full extension drawer Tipmatic 40/60 kg



- Tipmatic full extension slide for handle-free fronts, 40 kg or 60 kg load capacity
- Tipmatic element integrated into the slide - for central activation
- Synchronisation for full-surface activation can be retrofitted
- Modular system design
- Integrated, tool-free 4-dimensional adjustment facility:
 - Height adjustment + 3.5 mm
 - Side adjustment ± 1.5 mm
 - Tilt angle adjustment + 4 mm
 - Front gap adjustment + 1.5 mm

Advantages:

- Activation by gentle tapping
- Drawer extends fully to allow optimal access to contents
- Reliable closing through catch function
- Depth adjustment on both sides ensures precise front gap adjustment

ORDER INFORMATION

1 Dynapro Tipmatic full extension drawer			
NL	40 kg	60 kg	
250	F130117458	-	
270	F130117459	-	
300	F130117460	-	
320	F130117461	-	
350	F130117462	-	
380	F130116955	-	
400	F130117463	-	
420	F130117464	-	
450	F130117465	F130117470	
480	F130117466	-	
500	F130117467	F130117471	
520	F130116956	F130116957	
550	F130117468	F130117472	
580	-	F130117473	
600	-	F130116941	
650	-	F130117474	
700*		F130117534	
750*		F130117535	

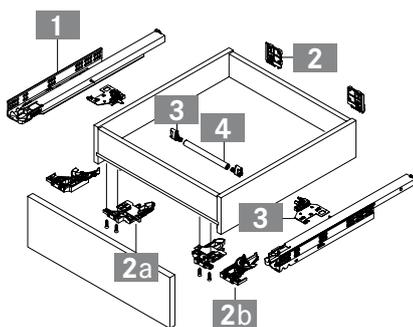
* Load capacity 50 kg

2a 3D Set Dynapro Front locking device and adjustment adapter (height, side and tilt adjustment) in a set			
Item No.			
F134125074			

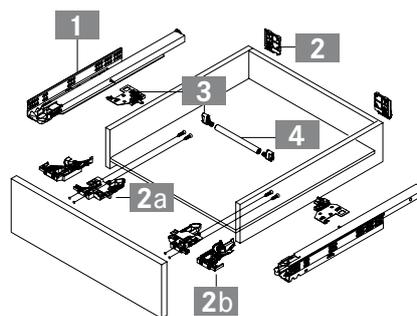
2b 2D Set Dynapro Front locking device and adjustment adapter (height and tilt adjustment) in set			
Item No.			
F134117193			

3 Synchronisation module and synchronisation lever in a set			
40 kg		60 kg	
F134117475		F134117476	

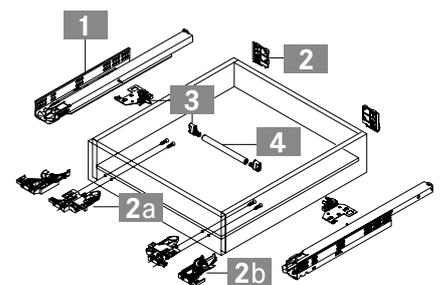
4 Synchronisation rod for KB1200 S16, for cutting to length			
KB	Item No.		
1200	F134116947		



4-sided drawer



3-sided drawer



Inset drawer

Dynapro railing drawer	18
Technical information	22

Dynapro pull-out shelf	16
Assembly aids	24

INO(X)SYS	20
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions

Drawer

Inset drawer

NL	SKL	MET
250	240	253
270	260	273
300	290	303
320	310	323
350	340	353
380	370	383
400	390	403
420	410	423
450	440	453
480	470	483
500	490	503
520	510	523
550	540	553
580	570	583
600	590	603
650	640	653
700	690	703
750	740	753

Synchronisation rod cutting dimension

Locking device fixing position

Adjustment adapter fixing position

Position of the synchronisation rod

Fixing positions for full extension drawer

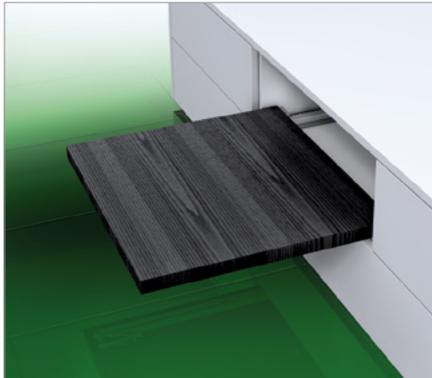
Euro screw Ø 6.3 x 14 mm
Chipboard screw Ø 4 x 16 mm
Screw head Ø 7 mm

LEGEND

HV	Height adjustment	LWS	Internal drawer width	SKL	Length of drawer
KB	Cabinet width	MET	Minimum installation depth	SV	Side adjustment
KV	Front edge of cabinet	NL	Nominal length		
LWK	Inside cabinet width	NV	Tilt angle adjustment		

DYNAPRO

Base panel mounting and pull-out shelf



Dynapro for base panel mounting:

- Full extension drawer, synchronised 40 kg load capacity
- Soft-close damping system
- Installation on the cabinet base or additional base panel
- Particularly suitable for pull-out shelves, as without screw-on bracket at the side

- Stepless self-locking of the shelf when placed on the slide
- Compatible with all Dynapro slides

Pull-out shelf:

- Shelf holder set
- Height adjustment + 3.5 mm
- Optional depth adjustment + 3.5 mm

ORDER INFORMATION

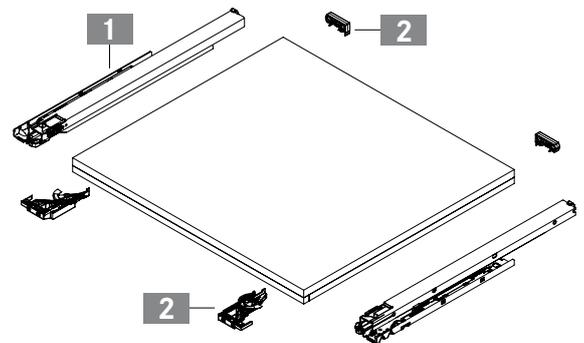
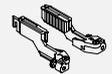
1 Dynapro for base panel mounting, Soft-close full extension slide			
NL	40 kg		
400	F130116626		
450	F130116632		
500	F130116638		
550	F130116644		



2 Shelf holder set			
	Item No.		
	F134107411		



3 Optional: Dynapro depth adjustment			
	Item No.		
	F134101313		

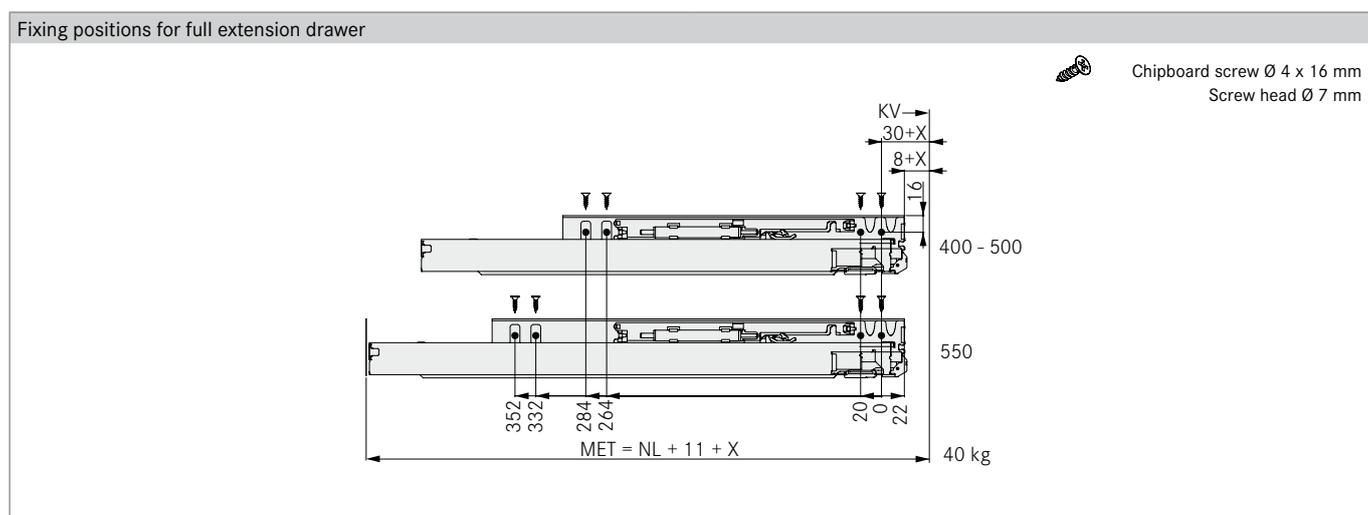
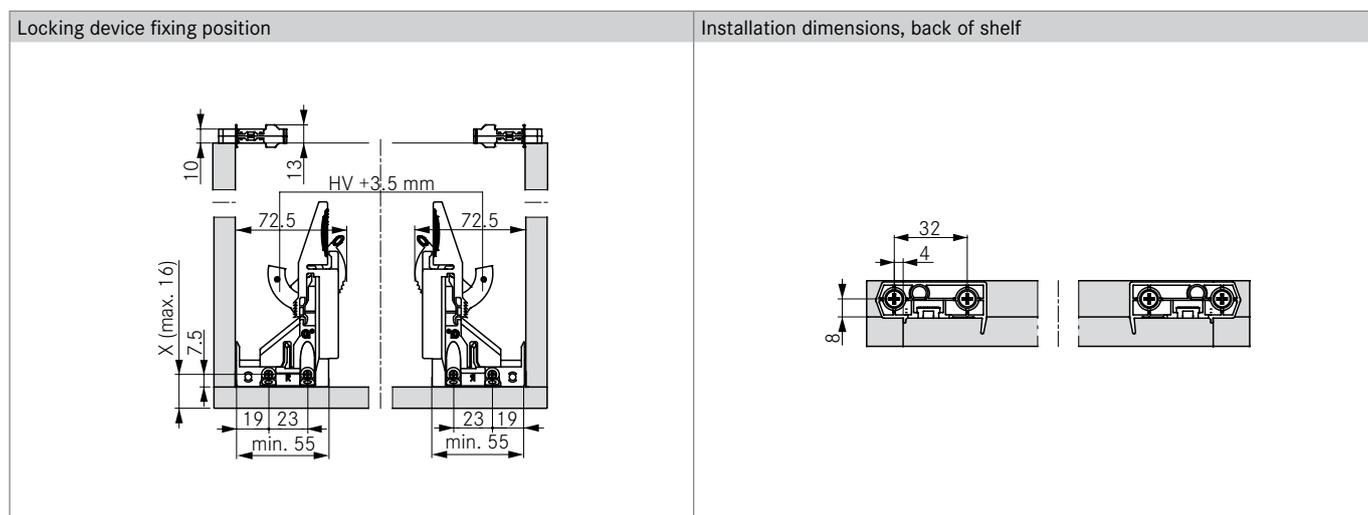
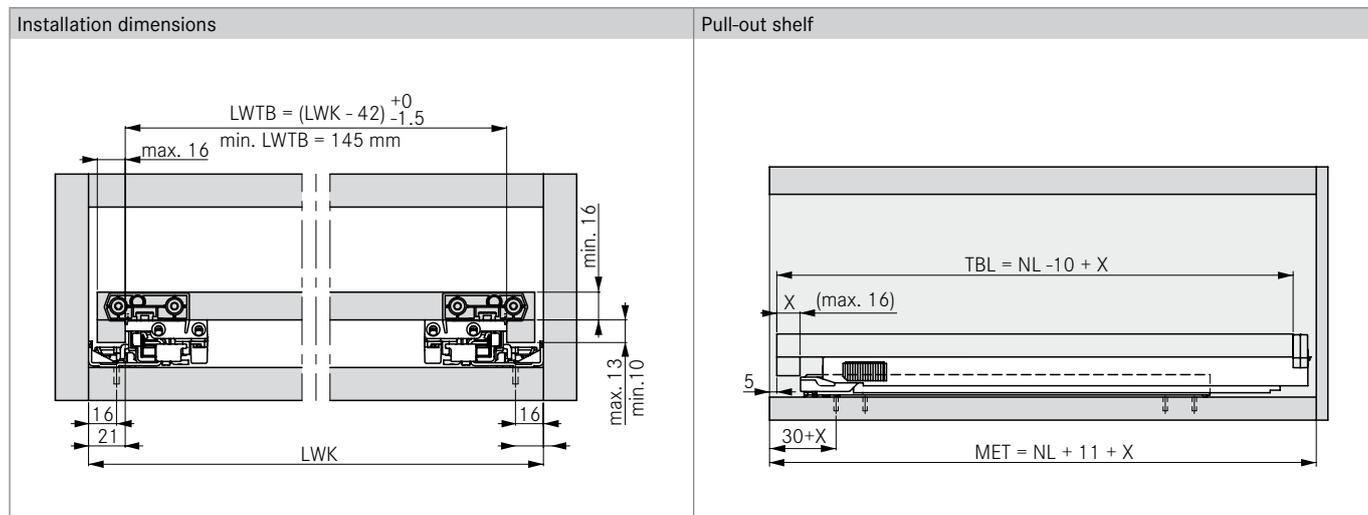


Dynapro Soft-close 40/70 kg	12
Dynapro Tipmatic 40/60 kg	14

Assembly aids	24
Technical information	22

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

HV Height adjustment
LWK Inside cabinet width
LWTB Shelf width
MET Minimum installation depth

NL Nominal length
TBL Shelf length

DYNAPRO

Railing drawer



- Round screw-on railing
- For Dynapro wooden drawer
- Attractive design, suitable for high-quality wooden drawers

ORDER INFORMATION

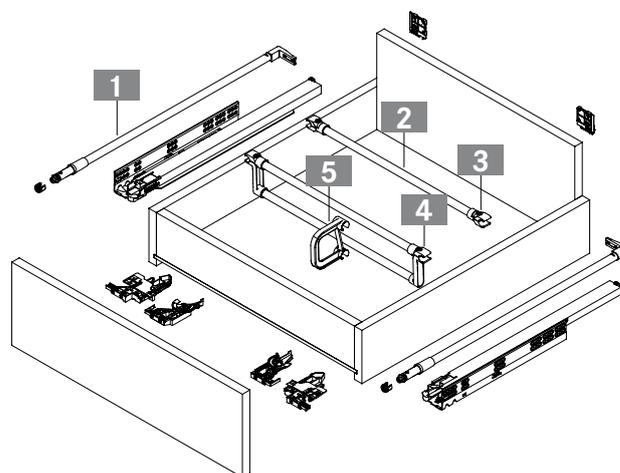
1 Side railing set, left/right, nickel-plated for screw fixing			
NL	Item No.		
300	F092077091		
350	F092077092		
400	F092116265		
450	F092075943		
500	F092075944		
550	F092075946		
600	F092077093		

2 Railing divider KB1200, nickel-plated for cutting to length			
	Nickel-plated		
	F092082478		

3 Railing divider clip, single			
	Metallic		
	F092082484		

4 Railing divider clip, double			
	Metallic		
	F092082486		

5 Bottle holder			
	Metallic		
	F092082488		



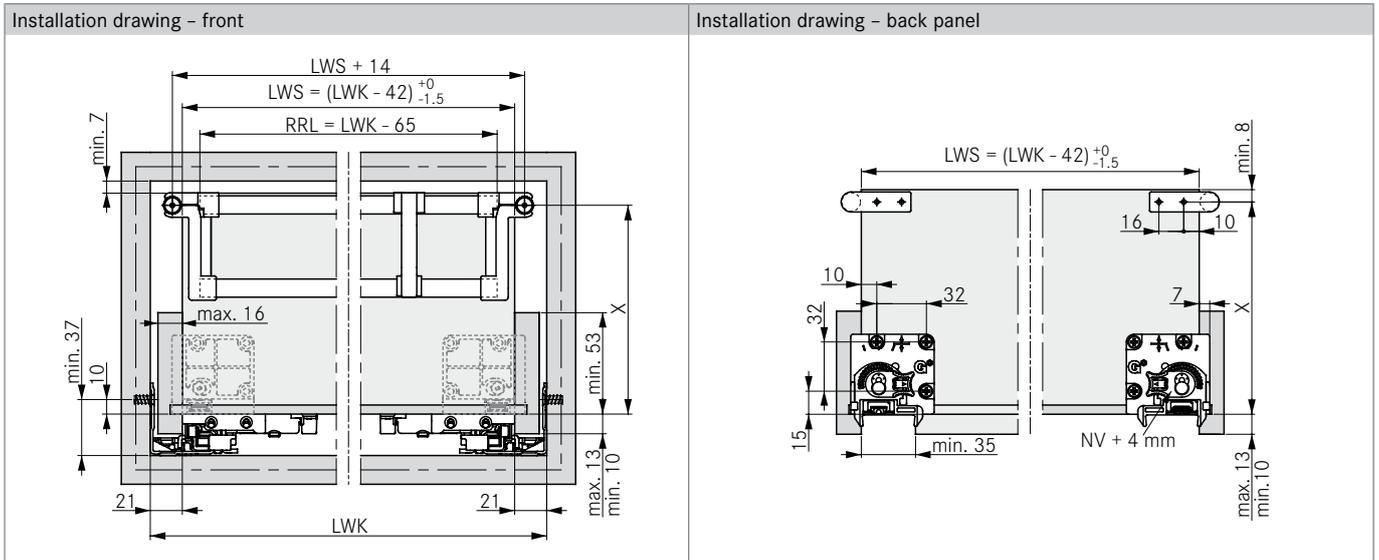
Dynapro Soft-close 40/70 kg	12
Dynapro Tipmatic 40/60 kg	14

Assembly aids	24
Dynapro Sensomatic	27

Technical information	22
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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

LWK Inside cabinet width
 LWS Internal drawer width
 NL Nominal length
 NV Tilt angle adjustment

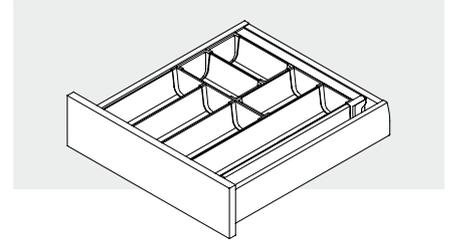
RRL Length of railing tube

DYNAPRO

Ino(x)sys Organising system



- Drawer for cutlery and small sundry items
- High-quality stainless steel trays
- Hygiene tested, non-toxic and corrosion-resistant – LGA certified
- For slide length of 500 mm
- Perfect fit – best possible utilisation of storage space
- Dishwasher-proof stainless steel trays

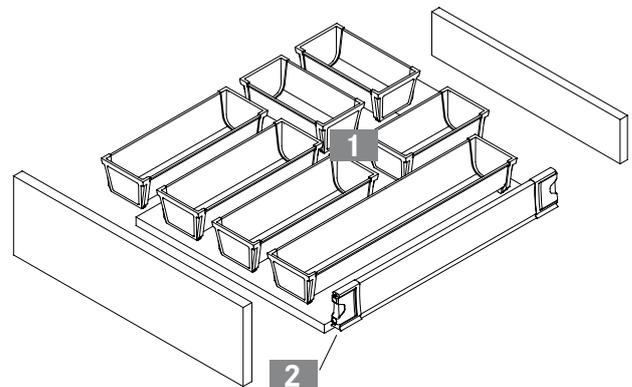


ORDER INFORMATION

1	Ino(x)sys set B3, from cabinet width 400			
NL	Stainless steel			
500	F102066516			

1	Ino(x)sys set B4, from cabinet width 500			
NL	Stainless steel			
500	F102066517			

2	Ino(x)sys divider rail			
NL	Aluminium metallic			
500	F102070247			



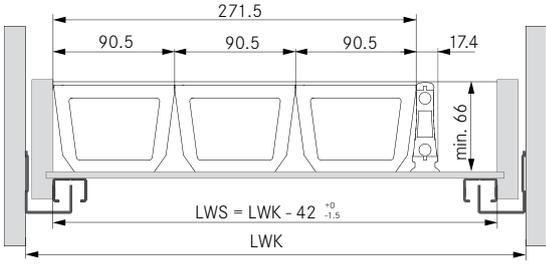
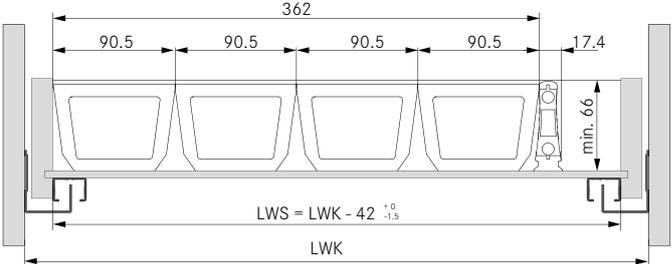
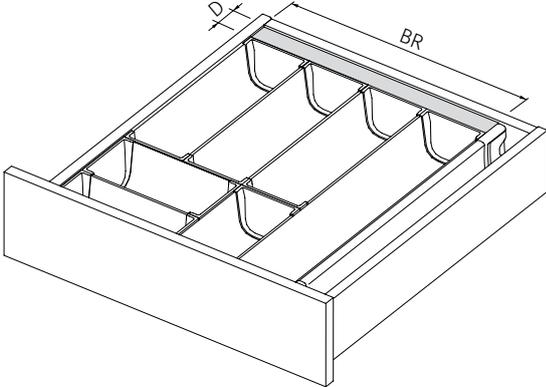
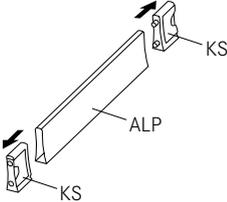
Dynapro Soft-close 40/70 kg	12
Dynapro Tipmatic 40/60 kg	14

Dynapro Sensomatic	27
Assembly aids	24

Technical information	22
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INSTALLATION INFORMATION

All dimensions in millimetres

<p>Ino(x)sys B3 from outside cabinet width 400 mm</p> 	<p>Ino(x)sys B4 from outside cabinet width 500 mm</p> 
<p>Filler piece</p>  <p>The filler piece is made of wood to suit the drawer dimensions:</p> <p>thickness of filler piece: $D = LTS - 453 \text{ mm}$</p> <p>width of filler piece: for B3 = 271.5 mm for B4 = 362 mm</p> <p>height of filler piece: 65 mm</p>	
<p>Divider rail</p>  <p>Remove the two clamping pieces from the divider rail and then cut the aluminium rail to size.</p> <p>Ino(x)sys Typ B3 and B4 length of the aluminium rail = inside drawer depth - 87 mm</p>	

NOTES

We continually improve our products and have received several awards in this respect.

So it goes without saying that our Ino(x)sys has been tested in respect of hygiene, non-toxicity and corrosion resistance and is certified by the LGA.



LEGEND

ALP	Aluminium profile	LTS	Inside drawer depth
BR	Width	LWK	Inside cabinet width
D	Distance	LWS	Internal drawer width
KS	Clamping piece	NL	Nominal length

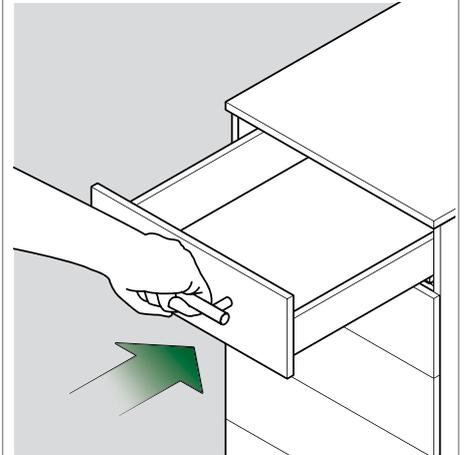
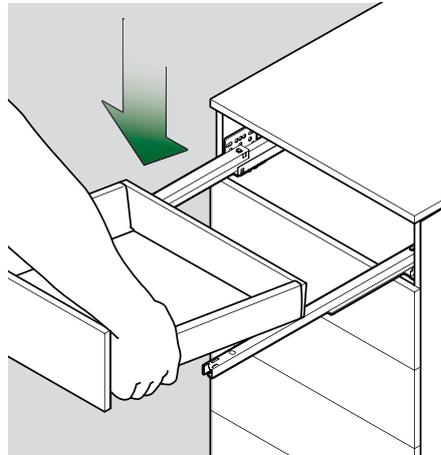
DYNAPRO

Technical information

INSTALLATION INFORMATION

Inserting the drawer

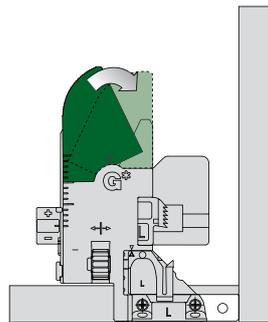
Place the drawer on the extended Dynapro slides and push in until it audibly engages.



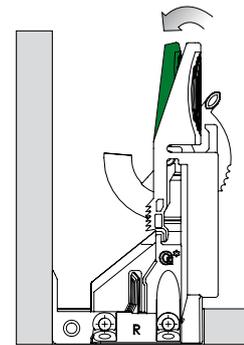
Removing the drawer

Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer off the slide towards the front.

3D front locking device



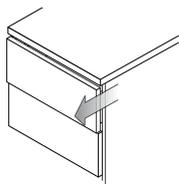
2D front locking device



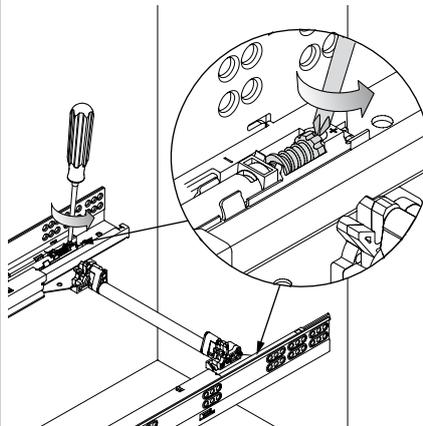
DYNAPRO TIPMATIC

Front gap adjustment

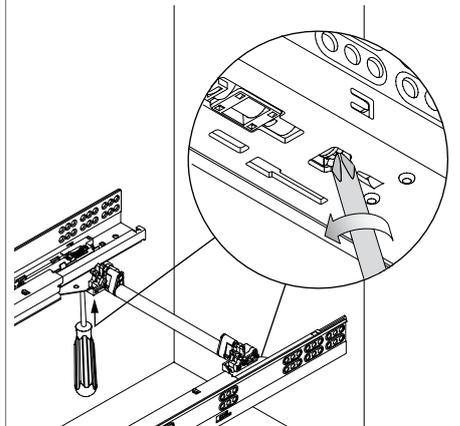
The reliable opening and closing of the drawer depends on the front gap adjustment (factory setting 4.5 mm).
If the front height is more than 300 mm the front gap must be increased to the maximum 6 mm.



Front gap adjustment from above



Front gap adjustment from below

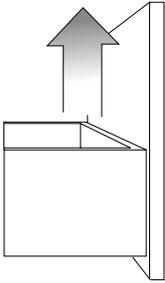
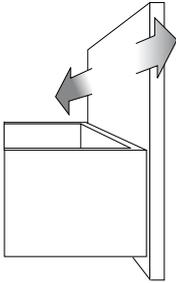
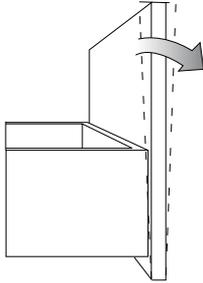
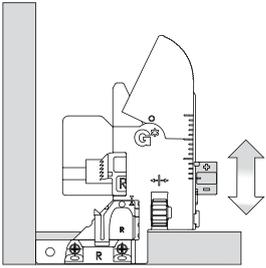
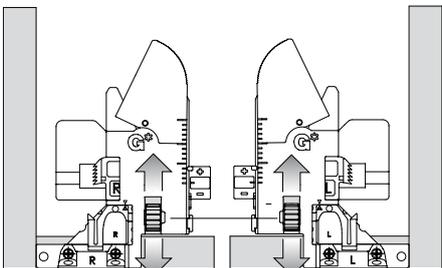
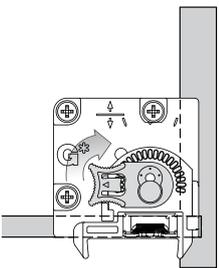
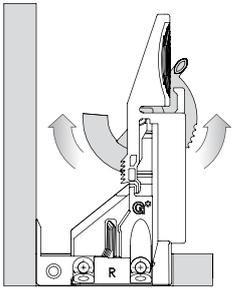
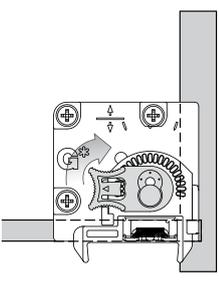
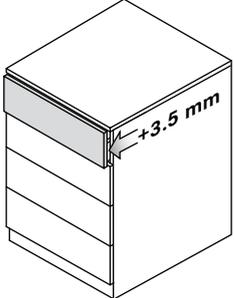
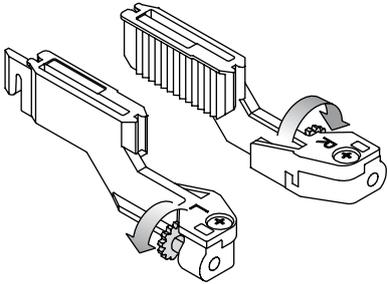


NOTES

Fixing the cabinet rails:

The screw recommendations are guide values only. Screw head \varnothing 7 mm.
Assemblers must ensure that the substrate material is thick enough.

ADJUSTMENT

Height adjustment (max. +3.5 mm)	Side adjustment (max. ± 1.5 mm)	Tilt angle adjustment of front (max. +4.0 mm)
		
<p>Dynapro 3D</p>	<p>Dynapro 3D</p>	<p>Dynapro 3D</p>
		
<p>Dynapro 2D</p>		<p>Dynapro 2D</p>
		
Depth adjustment (max. +3.5 mm)		
		

DYNAPRO

Assembly aids

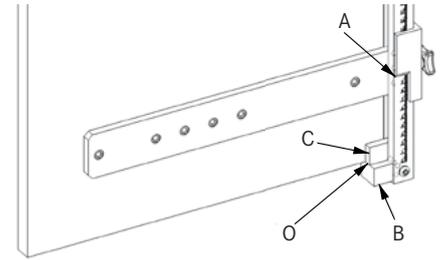
DRILLING JIG FOR CABINET MEMBER



One set includes:

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

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



	Item No.
	F146094730

INDIVIDUAL MARKING ELEMENT



For extending the drilling jig
for cabinet member F146094730

	Item No.
	F146094721

DRILLING JIG FOR DRAWER



Pre-drilling the holes for:

- Locking coupler
- Adjustment adapter for Dynapro
- Hook placement
- 37 mm cabinet member hole
- For use with pilot drill bit F146035692

	Item No.
	F146109874

DRILLING JIG FOR CABINET MEMBER

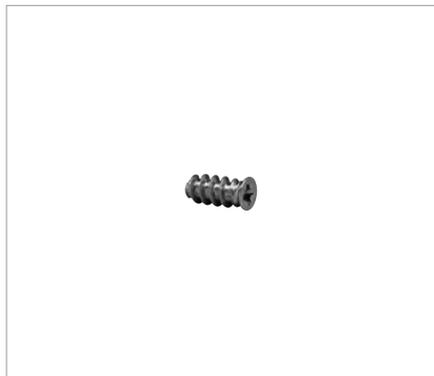


For use with pilot drill bit F146035692

	Item No.
	F146101348

Dynapro slide system 11

EURO SCREW



	Item No.
	F145083546

SCREWDRIVER



GRASS cross head screwdriver
(Pozidriv No. 2)

	Item No.
	F147010256

PILOT DRILL BIT



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

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

DRILLING JIG FOR SENSOMATIC



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

	Item No.
	F146109850

Dynapro slide system	11
Dynapro Sensomatic	27



SENSOMATIC OPENING SYSTEM

Small lever. Large effect.
Functional technology starts with the detail.

QUALITY CERTIFICATE



The development of new movement systems ideally means dealing directly with the people who will be using them. Sensomatic is the best reference in this respect.

The electro-mechanical system supports the opening process with a small lever which gently starts the drawer movement. Sensomatic is, however, very undemanding. This is true of both the consumption of electricity and the space required by the drive unit behind the drawer.

The fact that the opening system can be triggered anywhere on the front surface means that it is a perfect movement system that already now meets the functional requirements of the future.

DYNAPRO SENSOMATIC

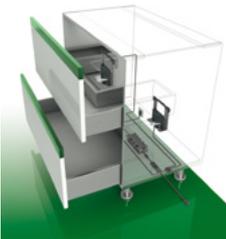
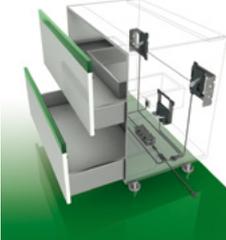
Electromechanical opening of wooden drawers and pot drawers. For the balance between stylish design and functional comfort.

Product designation	Page
Dynapro Sensomatic Single set	30
Standard cabinet with horizontal wooden stretcher	32
Standard cabinet with vertical wooden stretcher	34
Single drawer with overhead frame set mounting	36
Single drawer with back panel frame set mounting	38
Sink cabinet with bottom panel frame set mounting	40
Sink cabinet with side panel frame set mounting	42
Installation instructions	44
Assembly aids	25

DYNAPRO SENSOMATIC

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

	Product description	Page
	<p>Dynapro Sensomatic single set</p> <ul style="list-style-type: none"> • Complete set for a single drawer • For cabinet widths of up to 1200 mm • Easy to install • Very simple wiring (plug and play) 	30
	<p>Standard cabinet with horizontal wooden stretcher</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	32
	<p>Standard cabinet with vertical wooden stretcher</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	34
	<p>Single drawer with overhead frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1200 mm • Large trigger range 	36

	Product description	Page
	<p>Single drawer with back panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	38
	<p>Sink cabinet with bottom panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	40
	<p>Sink cabinet with side panel frame set mounting</p> <ul style="list-style-type: none"> • Minimal additional space requirement between drawer back panel and cabinet • Very simple wiring (plug and play) • Just one drive unit for cabinet widths of up to 1 200 mm • Large trigger range 	42

DYNAPRO SENSOMATIC

Single set

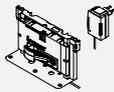


- Electro-mechanical opening system
- Combines handle-free opening with Soft-close damping system
- 1 ejector unit for all weight classes
- Easy to fit
- Simple plug and play wiring
- Small additional installation depth
- Single sets include all components necessary for installation
- Ideal for heavy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

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

ORDER INFORMATION

Sensomatic single set



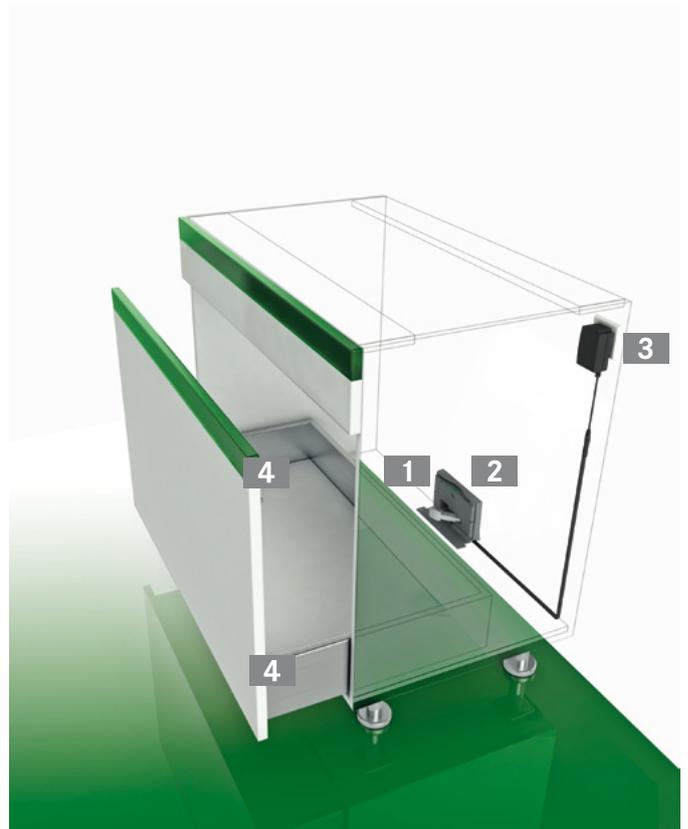
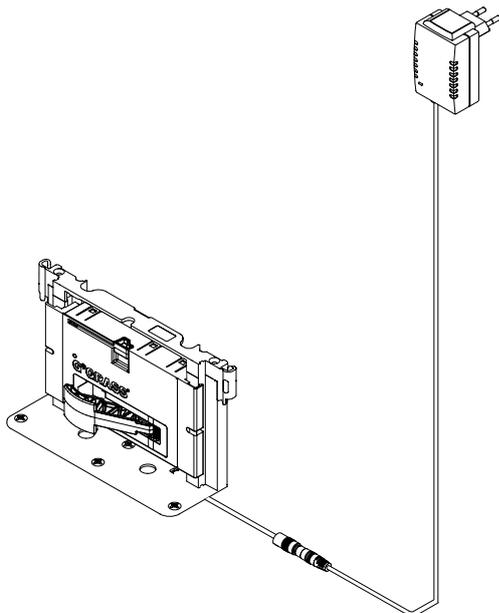
Item No.

for Dynapro

F121101208

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)



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

INSTALLATION INFORMATION

Installation dimensions

RW	MET	LBT
Wood	NL+15	NL

Installation set

Position of drive unit

Position of front buffer

Note:
When installing Dynapro slides 70 kg, 4 front buffers must be inserted into the front.

LEGEND

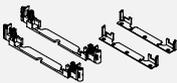
FA	Front overlay	LWT	Inside cabinet width	RW	Back panel
FH	Height of front	MET	Minimum installation depth		
KF	Cable routing	NL	Nominal length		
LBT	Depth of hole pattern	P	Positioning aid		

DYNAPRO SENSOMATIC

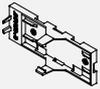
Standard cabinet horizontal wooden stretcher

ORDER INFORMATION

1 Drive unit	
for Dynapro	Item No. F121101195

3 Fixing set consisting of: items 3a (2x) and 3b (2x)	
	Item No. F121100610

3b Fixing brackets top/bottom	
	Item No. F121100270

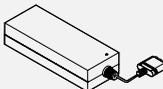
5 Power supply unit holder	
	Item No. F121100604

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

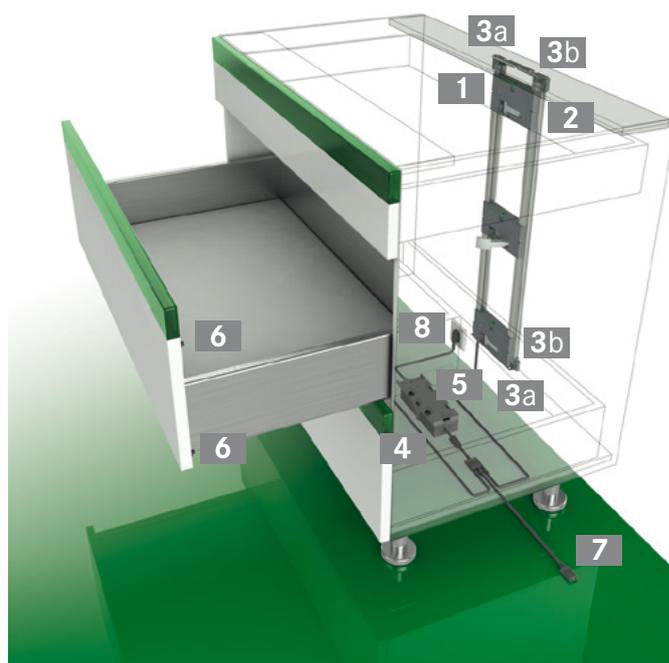
8 Power supply cable	
 K A E L D C	
Plug	Item No.
Power supply cable K (USA, CAN)	F120069760
Power supply cable K (JP)	F120072445
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761
Power supply cable E (DK)	F120069763
Power supply cable L (CH)	F120069765
Power supply cable D (UK, AE, MY)	F120069766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

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

3a Frame connector	
	Item No. F121100282

4 Power supply unit	
	Item No. F121100269

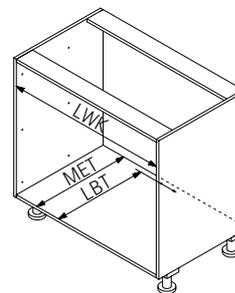
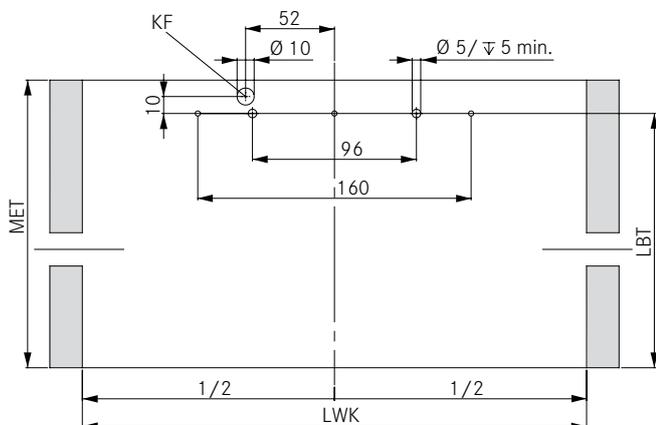
6 Front buffer, spring-loaded		
Ø	Front gap	Item No.
5	2.2	F121100294
	3	F121100295
8	2.2	F121100297
	3	F121100298



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

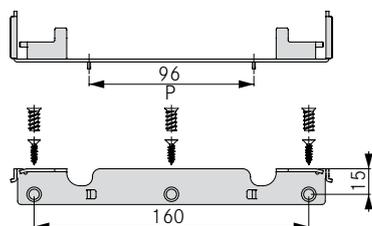
INSTALLATION INFORMATION

Installation dimensions

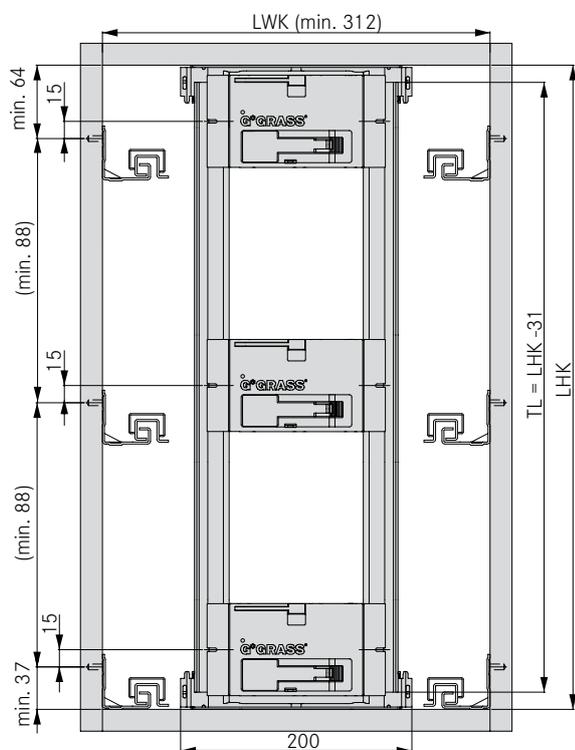


RW	MET	LBT
Wood	NL+15	NL

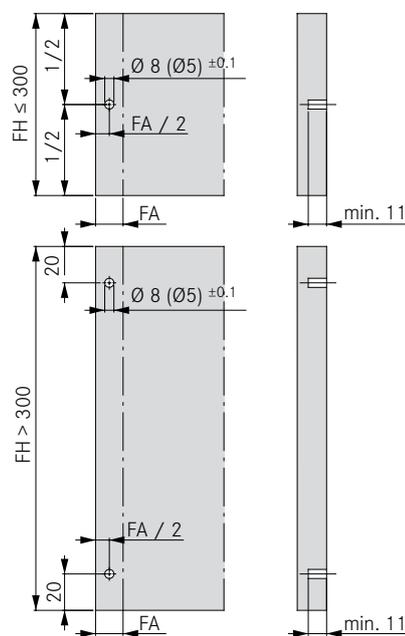
Fixing brackets top/bottom



Position of drive unit



Position of front buffer



Note:
When installing Dynapro slides 70 kg,
4 front buffers must be inserted into the front.

LEGEND

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

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

P Positioning aid
RW Back panel
TL Length of frame side

DYNAPRO SENSOMATIC

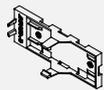
Standard cabinet vertical wooden stretcher

ORDER INFORMATION

1 Drive unit	
for Dynapro	Item No. F121101195

3 Frame connector	
	Item No. F121100282

5 Fixing bracket, back inside mounted	
	Item No. F121100275

7 Power supply unit holder	
	Item No. F121100604

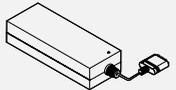
9 Connection cable with 2-way adapter	
Length	Item No.
600	F121100288
1000	F121100289
2000	F121100291

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

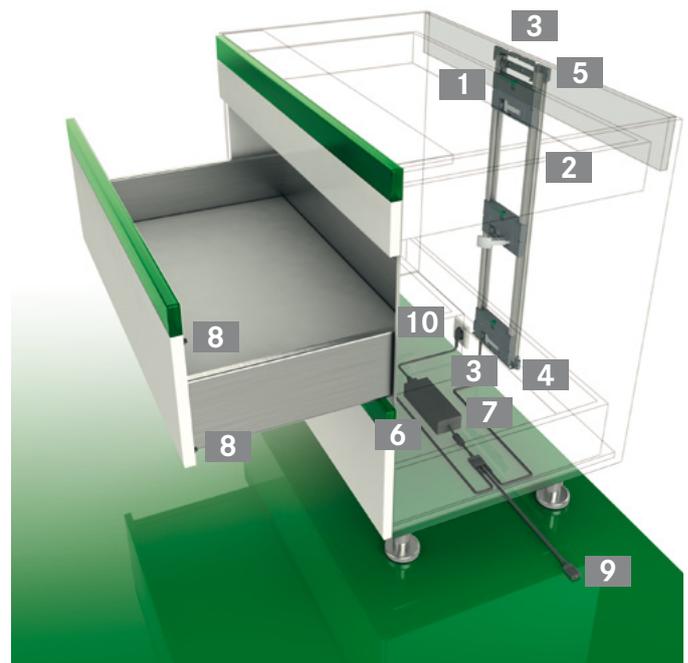


2 Frame sides including frame side cable	
Length	Item No.
653	F121100284
750	F121100285
1170	F121100286

4 Fixing brackets top/bottom	
	Item No. F121100270

6 Power supply unit	
	Item No. F121100269

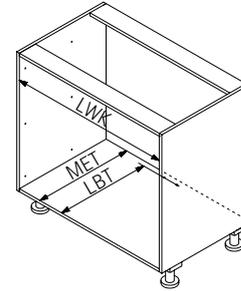
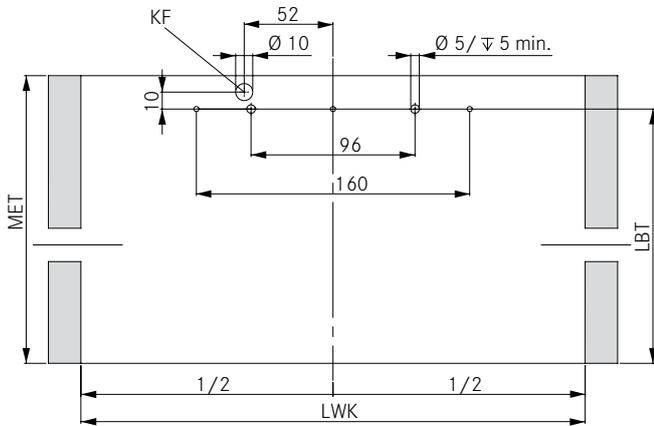
8 Front buffer, spring-loaded		
Ø	Front gap	Item No.
5	2.2	F121100294
	3	F121100295
8	2.2	F121100297
	3	F121100298



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

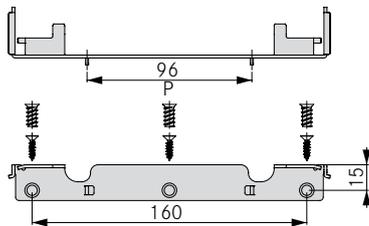
INSTALLATION INFORMATION

Installation dimensions

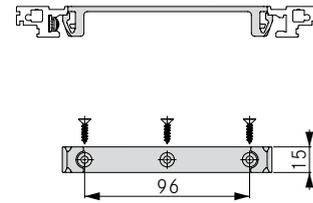


RW	MET	LBT
Wood	NL+15	NL

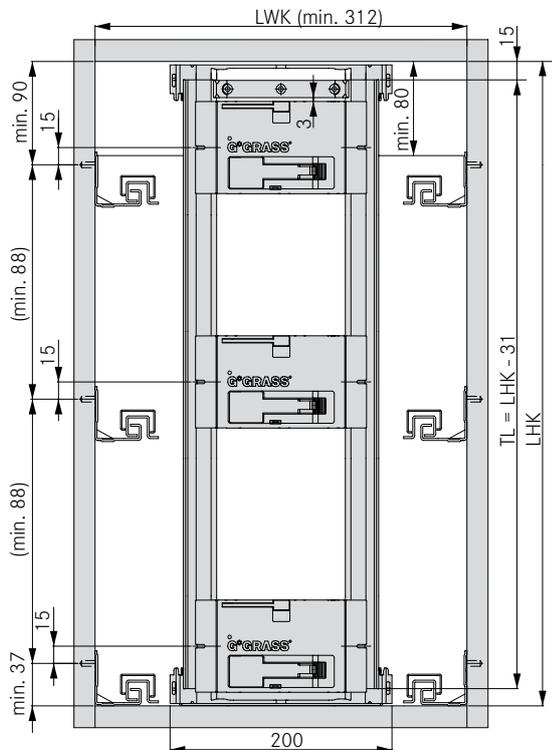
Fixing brackets top/bottom



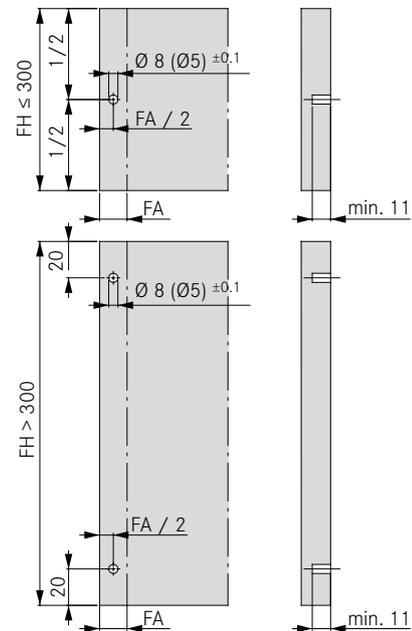
Fixing bracket, back inside mounted



Position of drive unit



Position of front buffer



Note:
When installing Dynapro slides 70 kg,
4 front buffers must be inserted into the front.

LEGEND

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

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

P Positioning aid
RW Back panel
TL Length of frame side

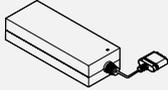
DYNAPRO SENSOMATIC

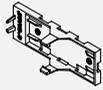
Single drawer with overhead frame set mounting

ORDER INFORMATION

1 Drive unit	
	Item No.
for Dynapro	F121101195

2 Installation set	
	Item No.
	F121100273

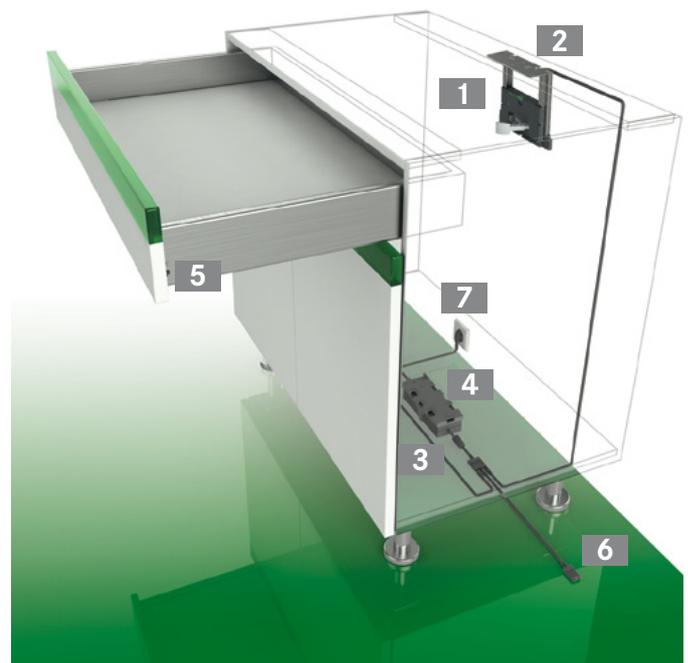
3 Power supply unit	
	Item No.
	F121100269

4 Power supply unit holder	
	Item No.
	F121100604

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

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

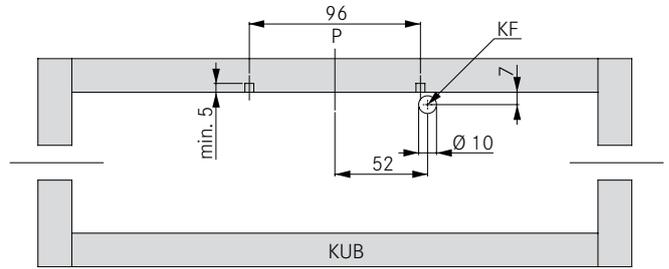
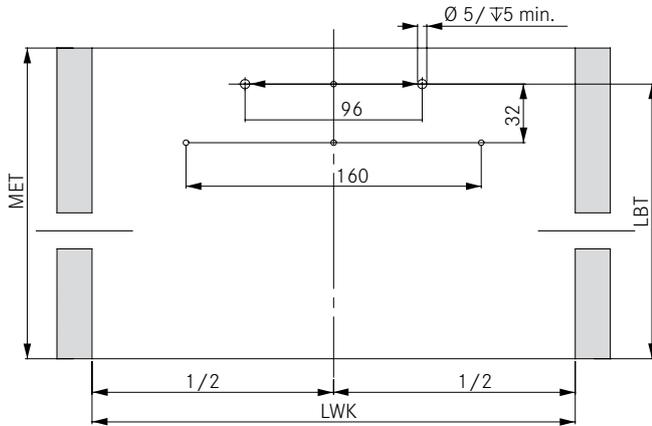
7 Power supply cable		
Plug	Item No.	
Power supply cable K (USA, CAN)	F120069760	
Power supply cable K (JP)	F120072445	
Power supply cable A (DE, ES, FR, IT, RU, NL, SE)	F120069761	
Power supply cable E (DK)	F120069763	
Power supply cable L (CH)	F120069765	
Power supply cable D (UK, AE, MY)	F120069766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



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

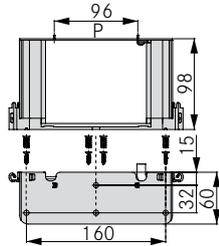
INSTALLATION INFORMATION

Installation dimensions

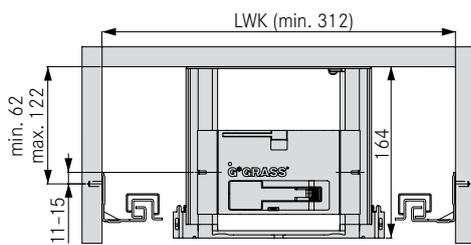


RW	MET	LBT
Wood	NL+15	NL

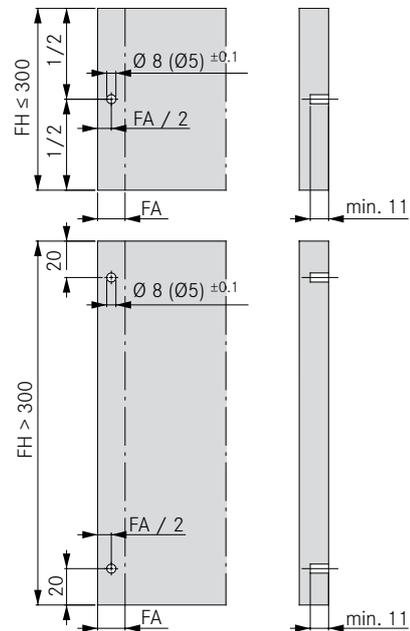
Installation set



Position of drive unit



Position of front buffer



Note:

When installing Dynapro slides 70 kg, 4 front buffers must be inserted into the front.

LEGEND

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

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

P	Positioning aid
RW	Back panel

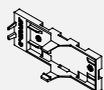
DYNAPRO SENSOMATIC

Single drawer with back panel frame set mounting

ORDER INFORMATION

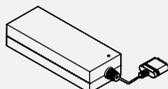
1 Drive unit	
for Dynapro	Item No. F121101195

3 Frame connector	
	Item No. F121100282

5 Power supply unit holder	
	Item No. F121100604

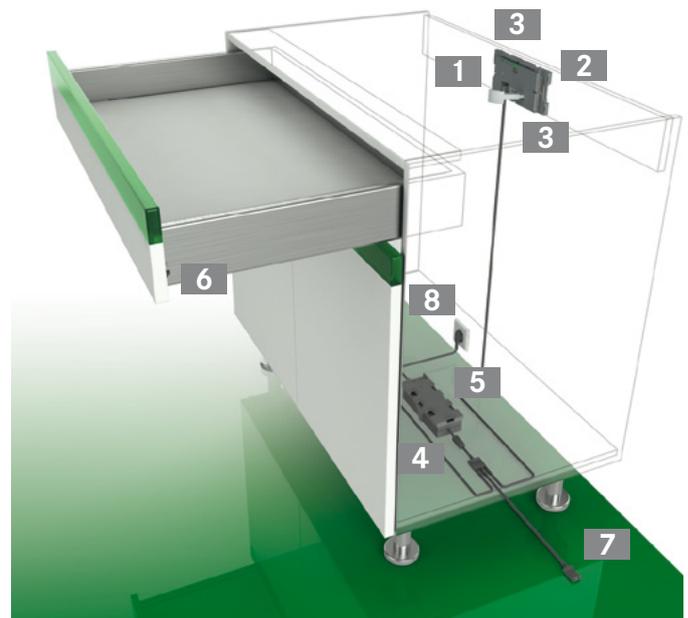
7 Connection cable with 2-way adapter	
Length	Item No.
600	F121100288
1000	F121100289
2000	F121100291

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

4 Power supply unit	
	Item No. F121100269

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

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



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

INSTALLATION INFORMATION

Installation dimensions

RW	MET
Wood	NL+15

Frame sides

Position of drive unit

Position of front buffer

Note:
When installing Dynapro slides 70 kg,
4 front buffers must be inserted into the front.

LEGEND

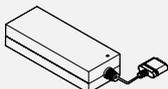
FA	Front overlay	MET	Minimum installation depth	
FH	Height of front	NL	Nominal length	
KF	Cable routing	RW	Back panel	
LWK	Inside cabinet width	SPS	Chipboard screw	

DYNAPRO SENSOMATIC

Sink cabinet with bottom panel frame set mounting

ORDER INFORMATION

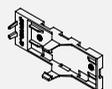
1 Drive unit	
for Dynapro	Item No. F121101195

3 Power supply unit	
	Item No. F121100269

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

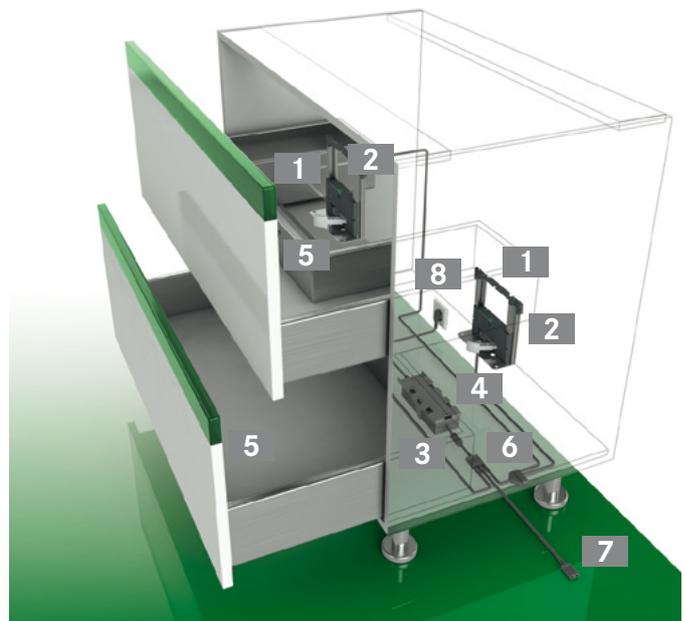
7 Connection cable with 2-way adapter	
Length	Item No.
600	F121100288
1000	F121100289
2000	F121100291

2 Installation set	
	Item No. F121100273

4 Power supply unit holder	
	Item No. F121100604

6 4-way adapter	
	Item No. F121100293

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



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

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

Note:
When installing Dynapro slides 70 kg,
4 front buffers must be inserted into the front.

LEGEND

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

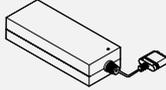
DYNAPRO SENSOMATIC

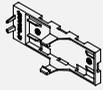
Sink cabinet with side panel frame set mounting

ORDER INFORMATION

1 Drive unit	
for Dynapro	Item No. F121101195

2 Installation set	
	Item No. F121100273

3 Power supply unit	
	Item No. F121100269

4 Power supply unit holder	
	Item No. F121100604

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

6 Synchronisation cable 10 m	
	Item No. F121100287

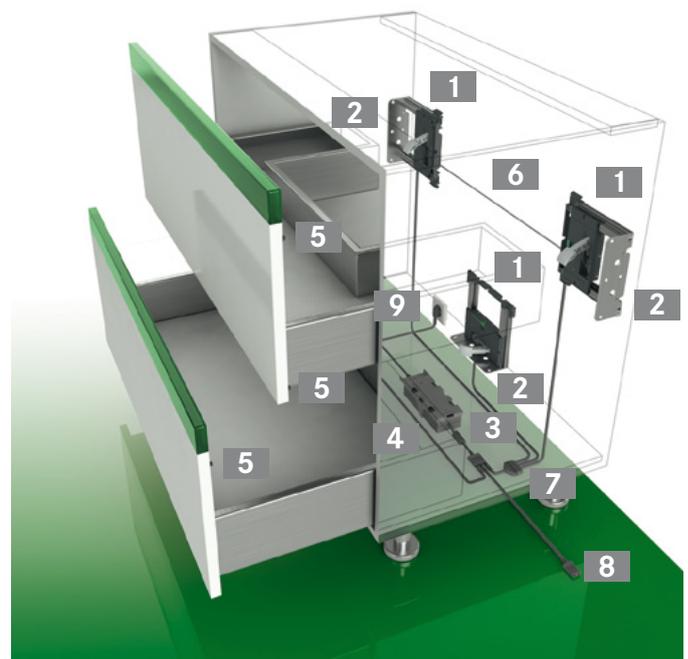
7 4-way adapter	
	Item No. F121100293

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

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

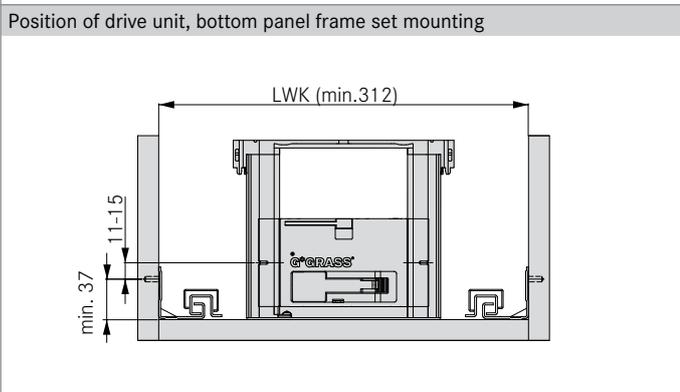
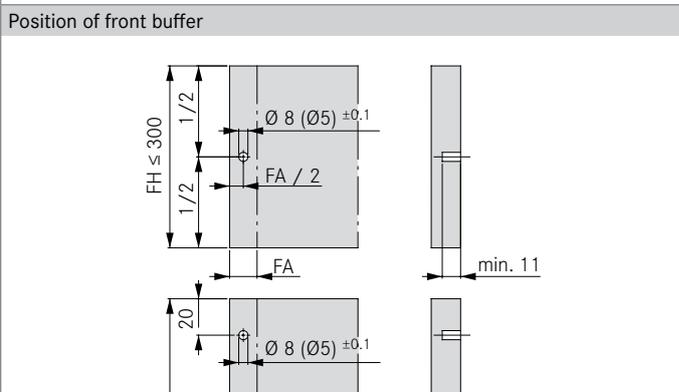
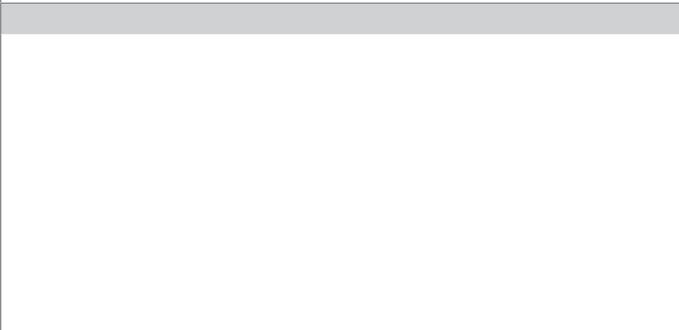
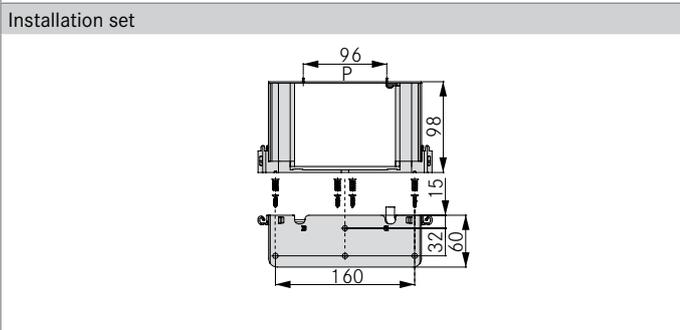
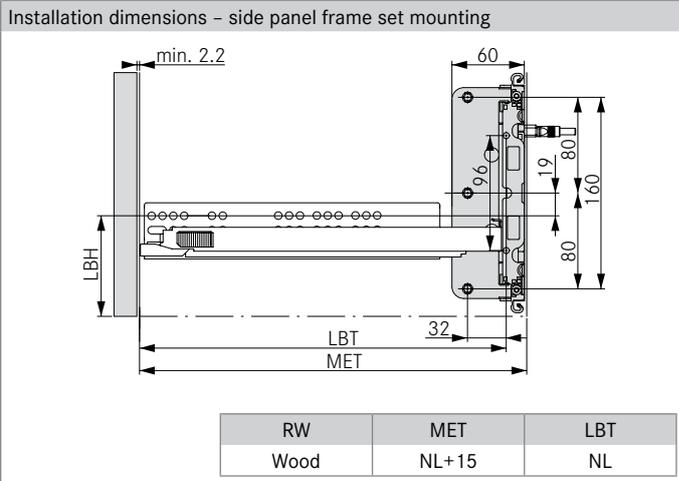
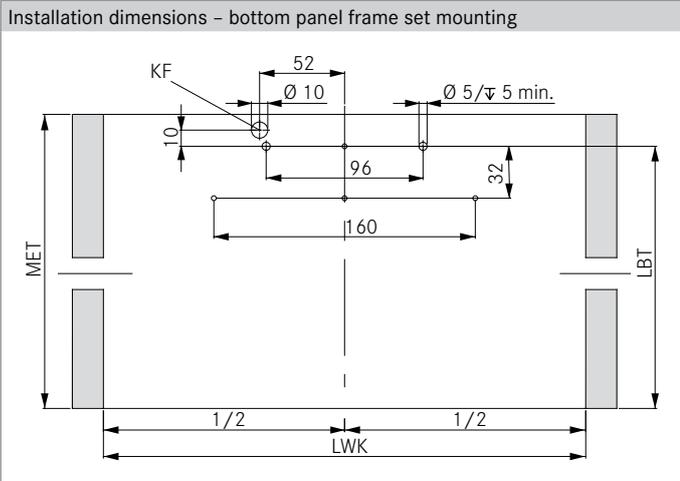
NOTE

Suitable from NL 350



Dynapro Soft-close 40/70 kg	12
Assembly aids	25

INSTALLATION INFORMATION



Note:
When installing Dynapro slides 70 kg,
4 front buffers must be inserted into the front.

LEGEND

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

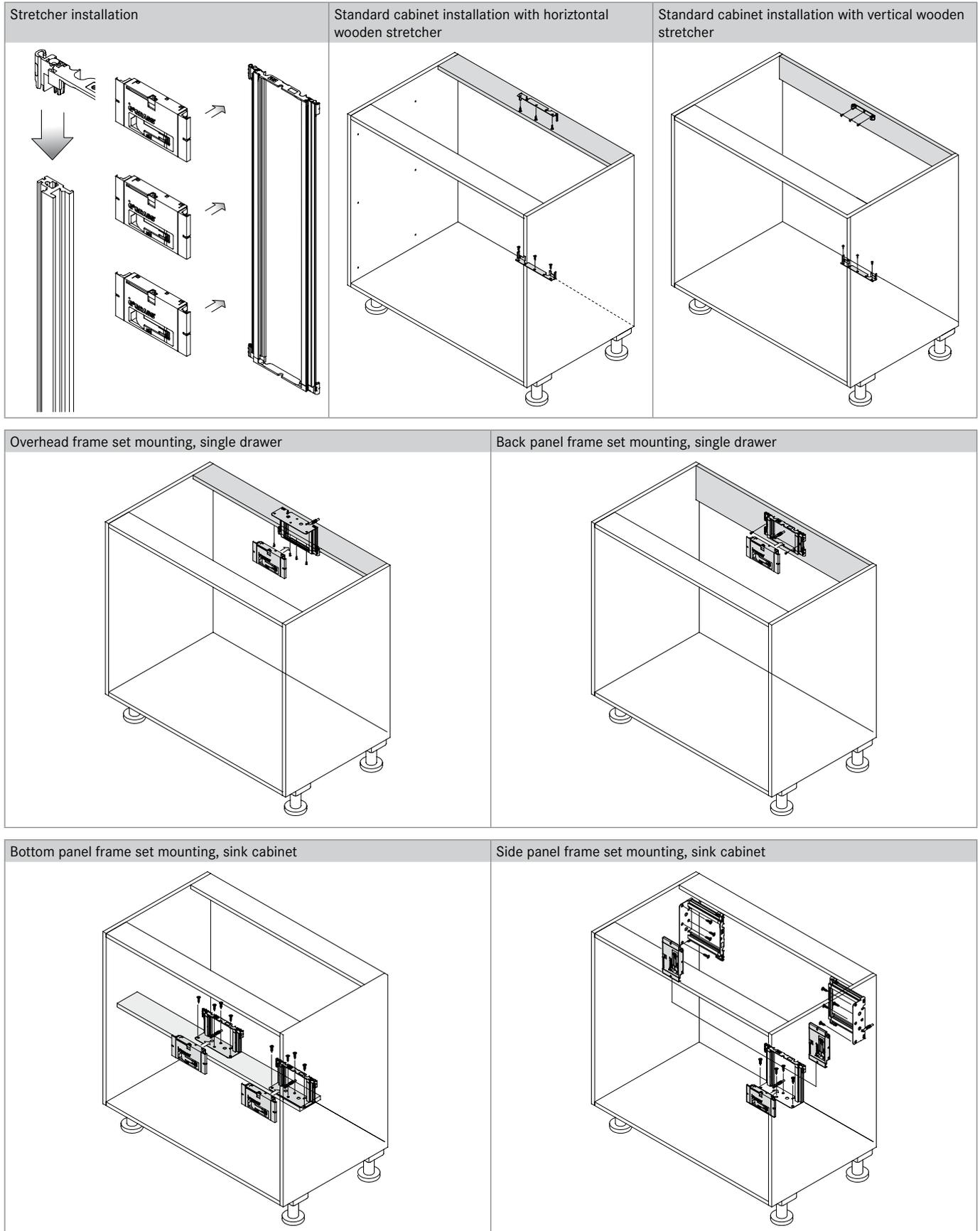
LBT	Depth of hole pattern
LWK	Inside cabinet width
MET	Minimum installation depth
NL	Nominal length

P	Positioning aid
RW	Back panel

DYNAPRO SENSOMATIC

Installation instructions

INSTALLATION INSTRUCTIONS



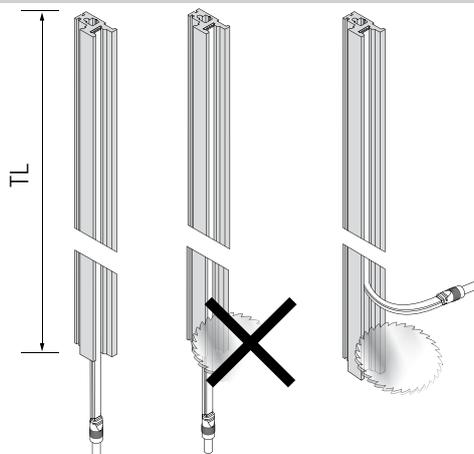
Horizontal wooden stretcher	32
Vertical wooden stretcher	34

Overhead frame set mounting	36
Back panel frame set mounting	38

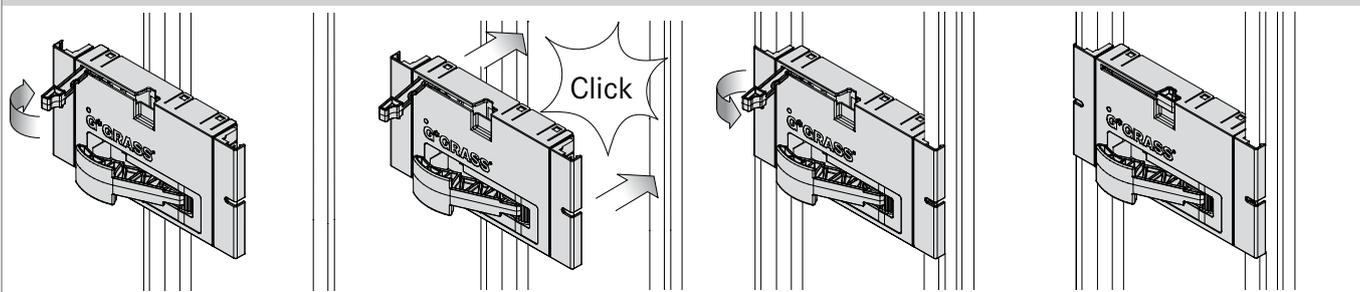
Bottom panel frame set mounting	40
Side panel frame set mounting	42

INSTALLATION INSTRUCTIONS

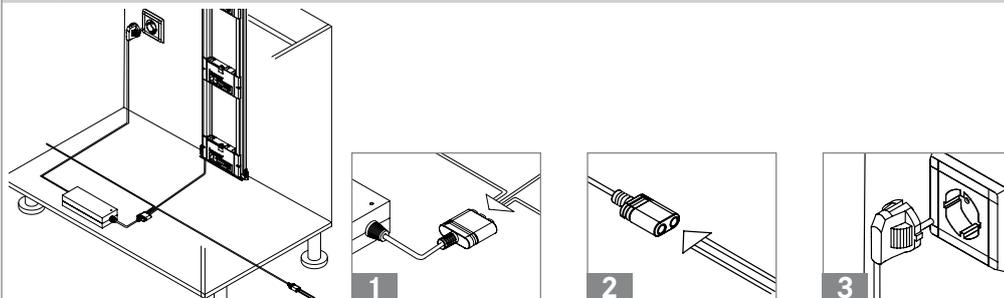
Cutting stretcher to length (horizontal and vertical wooden stretcher)



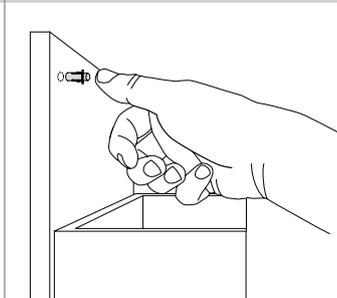
Installation of drive unit



Wiring (connection sequence)

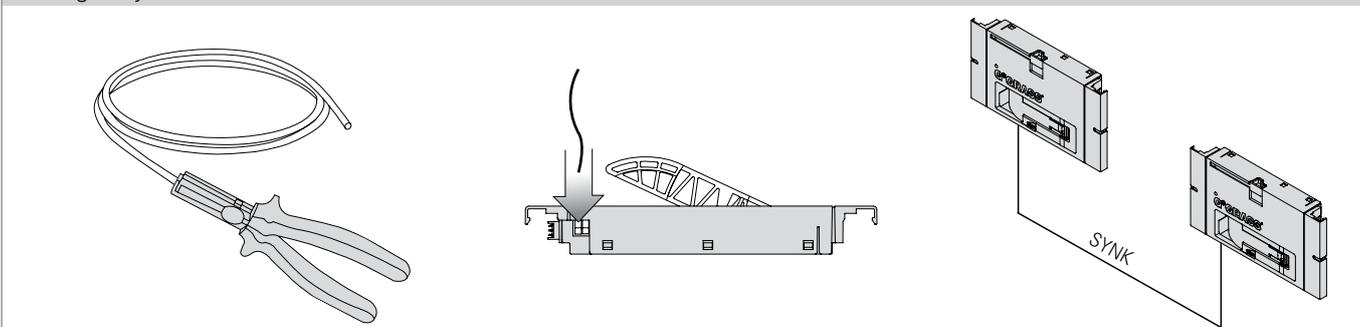


Inserting front buffer



Do not drive in or glue!

Installing the synchronisation cable



LEGEND

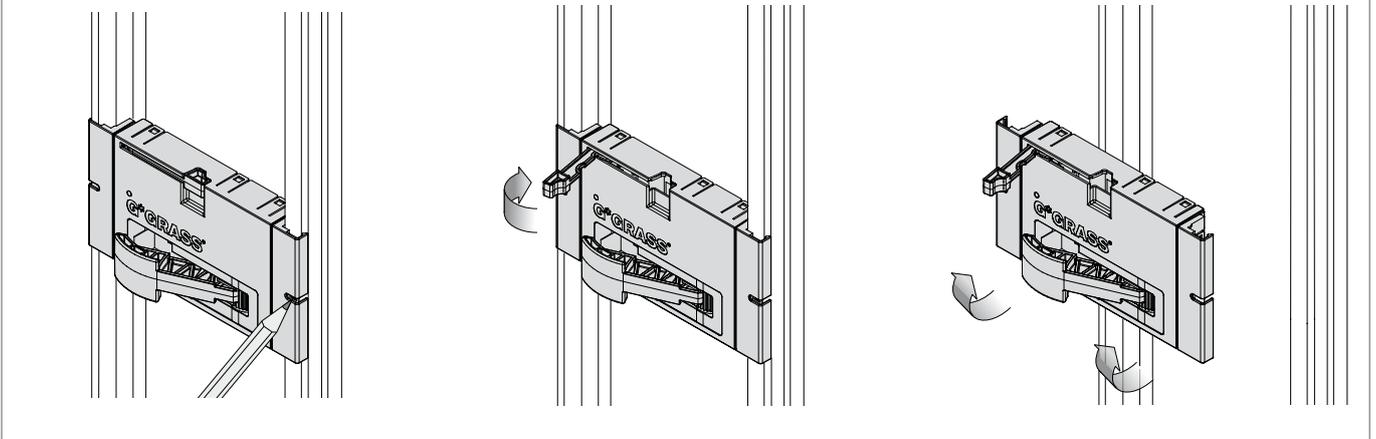
SYNK Synchronisation cable
TL Length of frame side

DYNAPRO SENSOMATIC

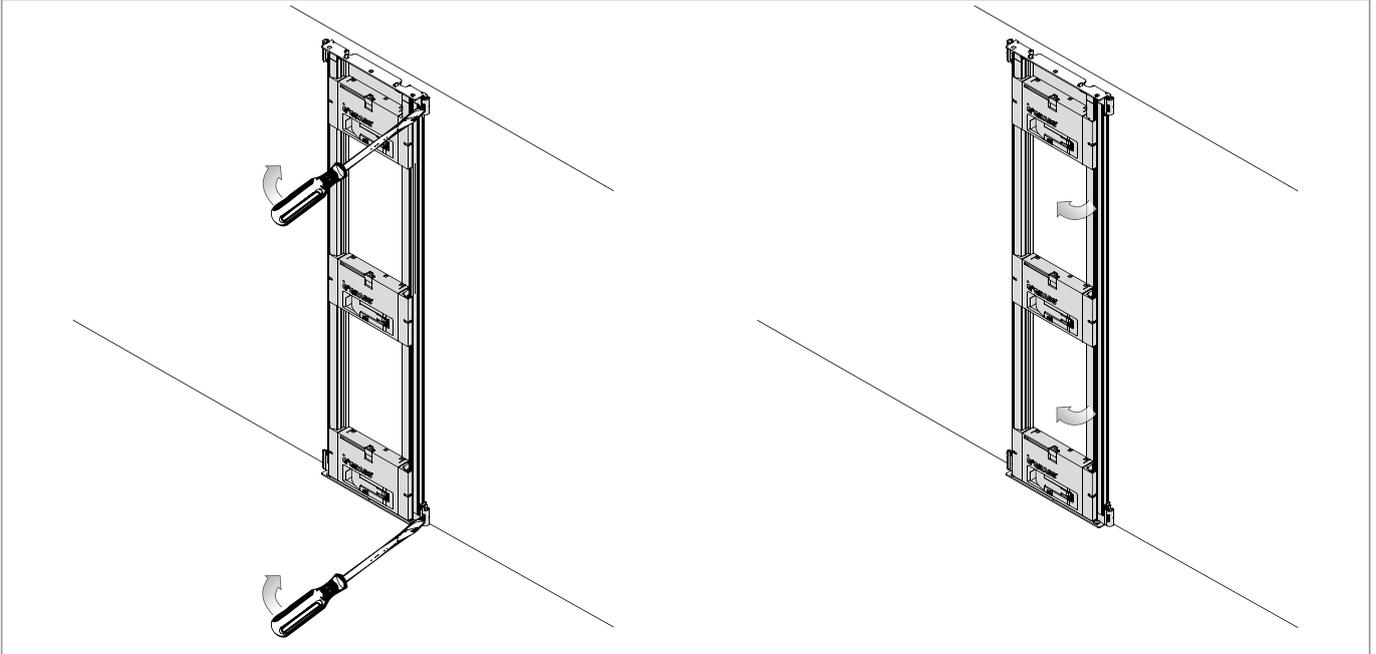
Dismantling instructions

DISMOUNTING

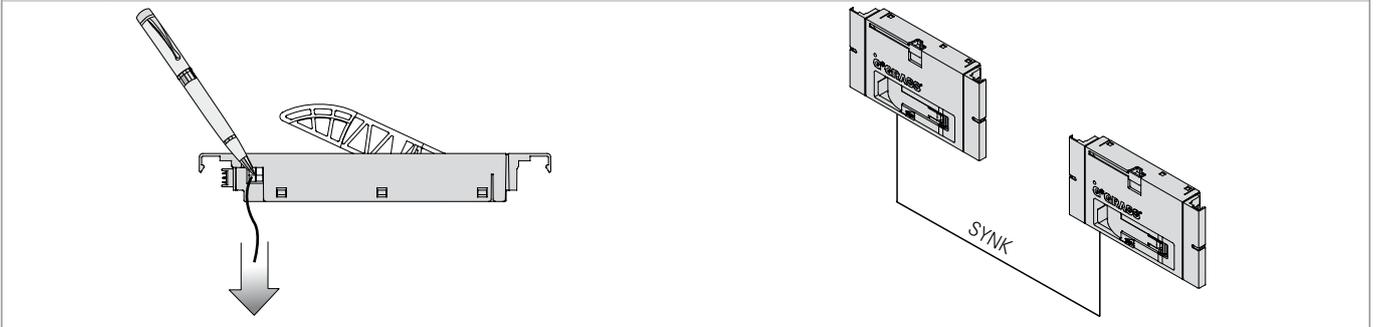
Dismantling the drive unit



Dismantling the frame sides



Dismantling the synchronisation cable



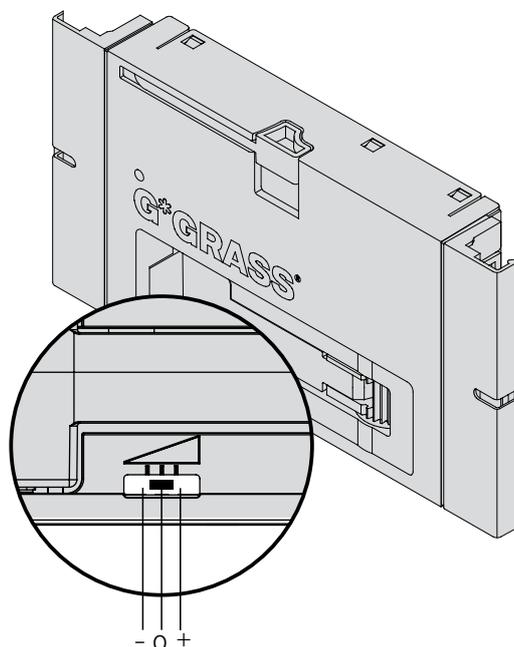
Horizontal wooden stretcher	32
Vertical wooden stretcher	34

Overhead frame set mounting	36
Back panel frame set mounting	38

Bottom panel frame set mounting	40
Side panel frame set mounting	42

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



DYNAMOOV SLIDE SYSTEM

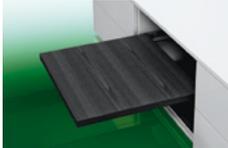
The economical alternative for those who do not want to make any compromises when it comes to running characteristics.

QUALITY CERTIFICATE
LGAD



DYNAMOOV SLIDE SYSTEM

The highly efficient movement system for the future.

	Product description	Page
	<p>Dynamoov full extension drawer with Soft-close 30 kg</p> <ul style="list-style-type: none"> • Soft-close damping system • Integrated height adjustment without tools + 3.5 mm 	50
	<p>Dynamoov full extension drawer with Self-close 30 kg</p> <ul style="list-style-type: none"> • Self-close closing system • Integrated height adjustment without tools + 3.5 mm 	52
	<p>Dynamoov full extension drawer Tipmatic 30 kg</p> <ul style="list-style-type: none"> • Tipmatic opening system • Integrated height adjustment without tools + 3.5 mm • Integrated front gap adjustment + 2 mm 	54
	<p>Dynamoov pull-out shelf</p> <ul style="list-style-type: none"> • Shelf holder for shelves • Height adjustment + 3.5 mm 	56
	<p>Dynamoov railing drawer</p> <ul style="list-style-type: none"> • Organisation for wooden drawers • Screw fixing railing 	58
	<p>Organising system Ino(x)sys</p> <ul style="list-style-type: none"> • High-quality stainless steel trays • LGA certified • Hygiene-tested, non toxic and dishwasher-proof 	60
	Technical information	62
	Assembly aids	64

DYNAMOOV

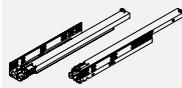
Full extension drawer Soft-close 30 kg



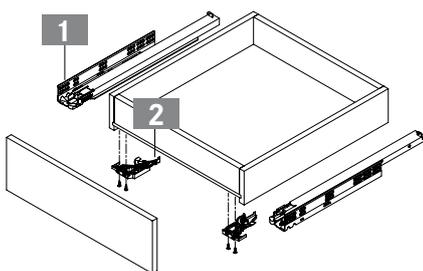
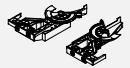
- Full extension drawer synchronised, 30 kg load capacity
- Soft-close damping system
- Stepless self-locking of the drawer when placed on the slide
- Integrated height adjustment without tools + 3.5 mm

ORDER INFORMATION

1		Dynamoov Soft-close full extension drawer, 30 kg	
NL	Item No.		
250	F130101100		
270	F130101101		
300	F130101102		
320	F130101103		
350	F130101104		
380	F130101105		
400	F130101106		
420	F130101107		
450	F130101108		
480	F130101109		
500	F130101110		
520	F130101111		
550	F130101112		
600	F130116402		

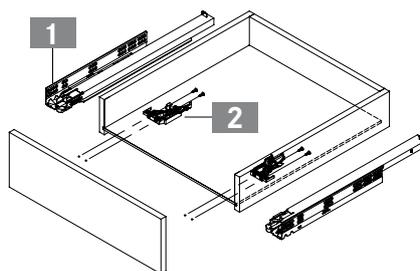


2		Locking device set, left/right	
	Item No.		
	F134101220		



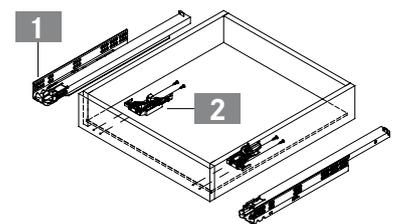
4-sided drawer

Dynamoov railing drawer	58
Assembly aids	64



3-sided drawer

Dynamoov pull-out shelf	56
Technical information	62



Inset drawer

Ino(x)sys	60
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DYNAMOOV

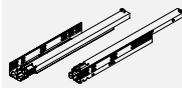
Full extension drawer Self-close, 30 kg



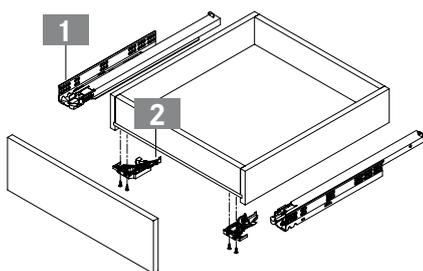
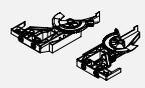
- Full extension drawer synchronised, 30 kg load capacity
- Self-close closing system
- Stepless self-locking of the drawer when placed on the slide
- Integrated height adjustment without tools + 3.5 mm

ORDER INFORMATION

1 Dynamoov Self-close full extension drawer, 30 kg			
NL	Item No.		
270	F130101161		
300	F130101162		
350	F130101164		
400	F130101166		
450	F130101168		
500	F130101170		
550	F130101172		

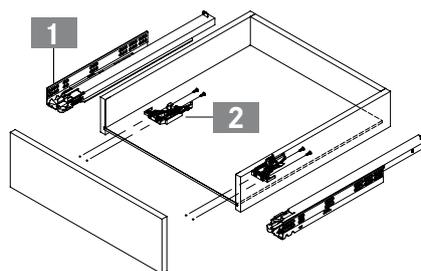


2 Locking device set, left/right			
	Item No.		
	F134101220		



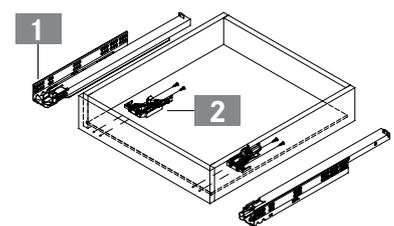
4-sided drawer

Dynamoov railing drawer	58
Assembly aids	64



3-sided drawer

Dynamoov pull-out shelf	56
Technical information	62



Inset drawer

Ino(x)sys	60
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INSTALLATION INFORMATION

All dimensions in millimetres

Drawer installation dimensions	Drawer	NL	SKL	MET
		270	260	273
		300	290	303
		350	340	353
		400	390	403
		450	440	453
		500	490	503
		550	540	553
	Inset drawer 			

Locking device fixing position	Back panel hole

Fixing positions for full extension drawer

30 kg

- Euro screw Ø 6.3 x 14 mm
- Chipboard screw Ø 4 x 16 mm
- Screw head Ø 7 mm

LEGEND

HV Height adjustment
KV Front edge of cabinet
LWK Inside cabinet width
LWS Internal drawer width

MET Minimum installation depth
NL Nominal length
SKL Length of drawer

DYNAMOOV

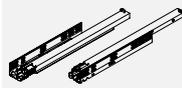
Full extension drawer Tipmatic 30 kg



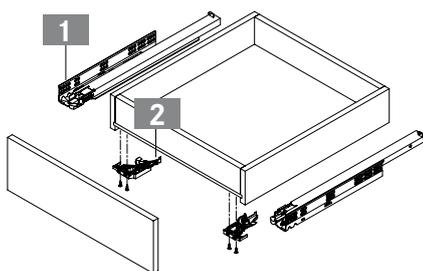
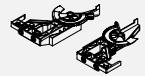
- Full extension drawer synchronised, 30 kg load capacity
- Tipmatic ejector unit integrated into the slide – no additional work required
- Stepless self-locking of the drawer when placed on the slide
- Integrated height adjustment without tools + 3.5 mm
- Factory setting of front gap 4.5 mm
- Integrated front gap adjustment + 1.5 mm
- The Tipmatic unit will not suffer damage when the drawer is pulled open in the conventional way
- Pressing within the central third of the front produces optimum opening action

ORDER INFORMATION

1 Dynamooov Tipmatic full extension drawer, 30 kg			
NL	Item No.		
270	F130101114		
300	F130101115		
350	F130101117		
400	F130101119		
450	F130101121		
500	F130101123		
550	F130101125		

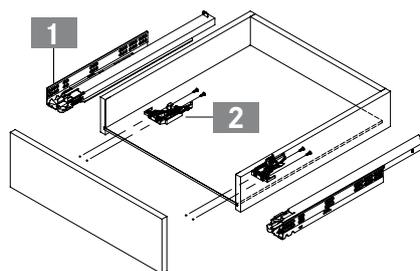


2 Locking device set, left/right			
	Item No.		
	F134101220		



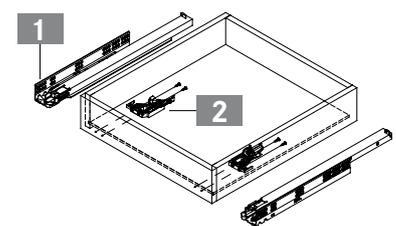
4-sided drawer

Dynamooov railing drawer	58
Assembly aids	64



3-sided drawer

Dynamooov pull-out shelf	56
Technical information	62



Inset drawer

Ino(x)sys	60
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INSTALLATION INFORMATION

All dimensions in millimetres

Drawer installation dimensions	Drawer	NL	SKL	MET
<p> $LWS = (LWK - 42) \begin{matrix} +0 \\ -1.5 \end{matrix}$ max. 16 min. LWS = 145 min. 7 min. 37 min. 10 21 LKW max. 13 min. 10 </p>	<p> $SKL = NL - 10 \pm 0.5$ $MET = NL + 3$ 4.5^{+1.5} min. 12 min. 7 37 </p>	270	260	273
		300	290	303
		350	340	353
		400	390	403
		450	440	453
		500	490	503
		550	540	553

Locking device fixing position	Back panel hole
<p> min. 35 HV +3.5 mm 72.5 19 23 55 min. 23 19 55 min. </p>	<p> Z Ø6 x 10 min. 35 </p>

Fixing positions for full extension drawer

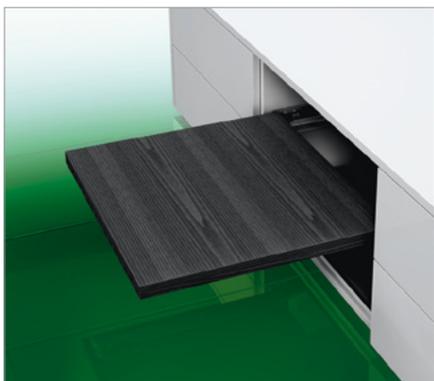
30 kg
 Euro screw Ø 6.3 x 14 mm
 Chipboard screw Ø 4 x 16 mm
 Screw head Ø 7 mm

LEGEND

HV	Height adjustment	MET	Minimum installation depth
KV	Front edge of cabinet	NL	Nominal length
LWK	Inside cabinet width	SKL	Length of drawer
LWS	Internal drawer width		

DYNAMOOV

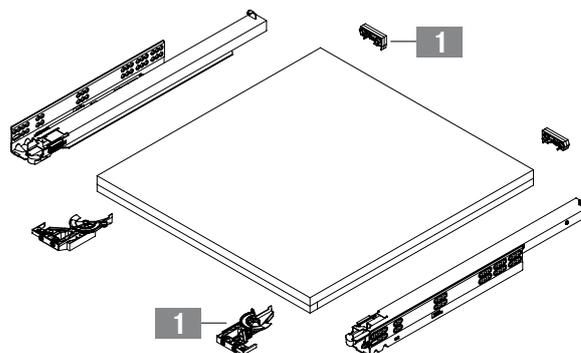
Pull-out shelf



- Shelf holder set
- Height adjustment + 3.5 mm
- Stepless self-locking of the shelf when placed on the slide
- Compatible with all Dynamoov slides

ORDER INFORMATION

1	Shelf holder set	
	Item No.	
	F134107411	



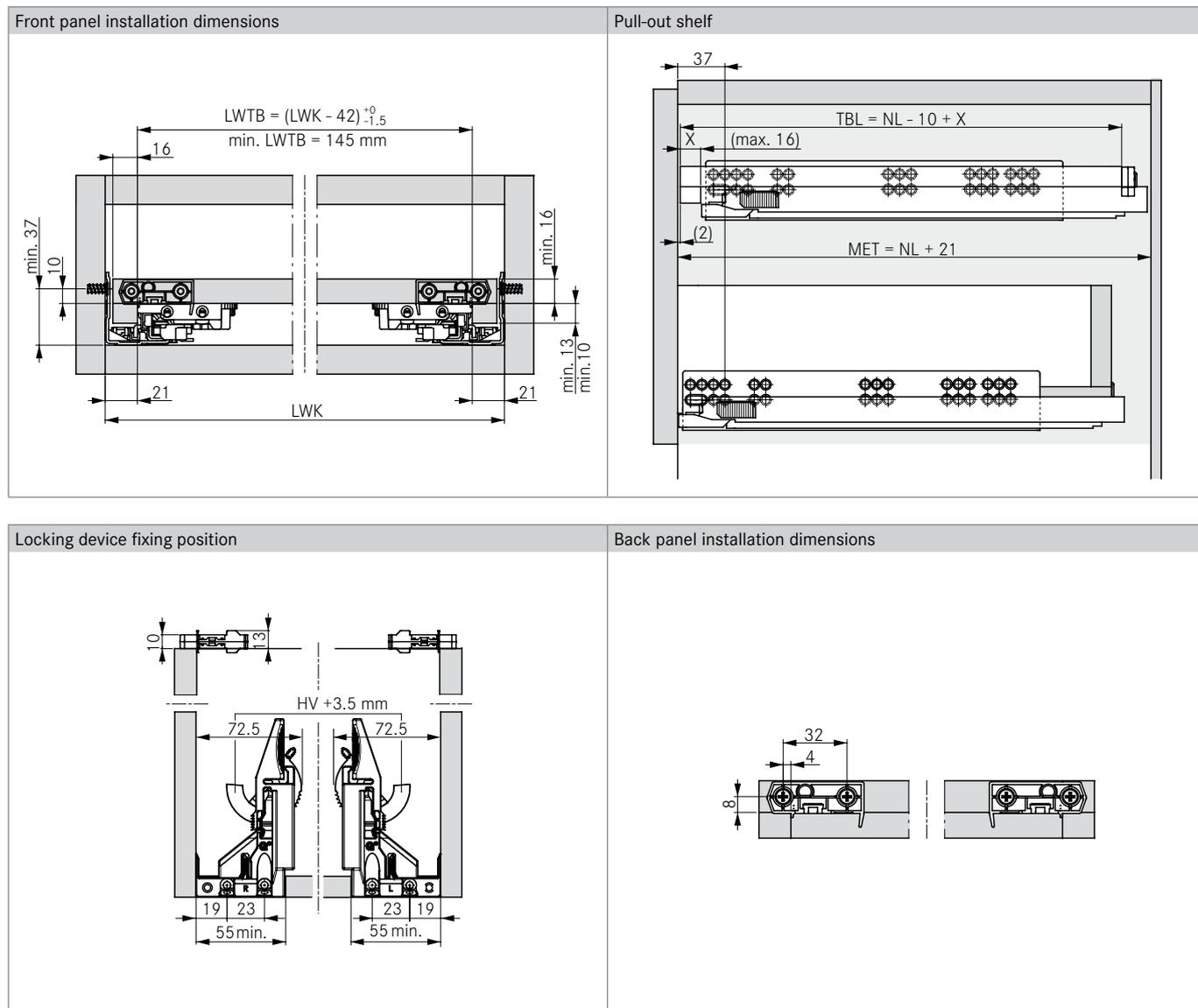
Dynamoov Soft-close	50
Dynamoov Self-close	52

Dynamoov Tipmatic	54
Assembly aids	64

Technical information	62
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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

HV Height adjustment
LWK Inside cabinet width
LWTB Shelf width
MET Minimum installation depth

NL Nominal length
TBL Shelf length

DYNAMOOV

Railing drawer



- Round screw-on railing
- For Dynamoov wooden drawers with railing
- Attractive design, suitable for high-quality wooden drawers

ORDER INFORMATION

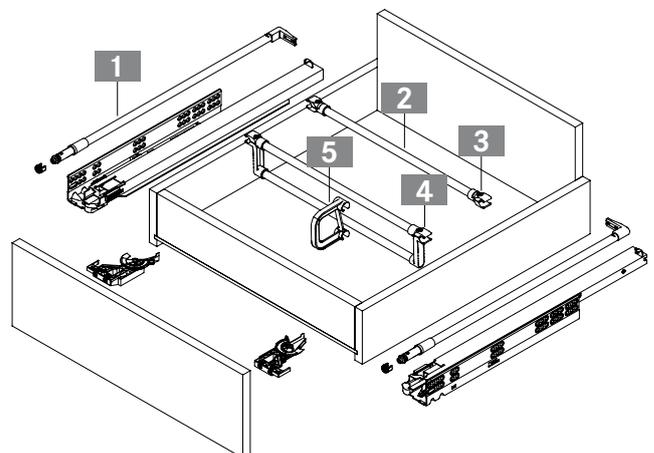
1 Side railing set, left/right, nickel-plated for screw fixing			
NL	Item No.		
300	F092077091		
350	F092077092		
400	F092116265		
450	F092075943		
500	F092075944		
550	F092075946		
600	F092077093		

2 Railing divider KB1200, nickel-plated for cutting to length			
	Nickel-plated		
	F092082478		

3 Railing divider clip, single			
	Metallic		
	F092082484		

4 Railing divider clip, double			
	Metallic		
	F092082486		

5 Bottle holder			
	Metallic		
	F092082488		



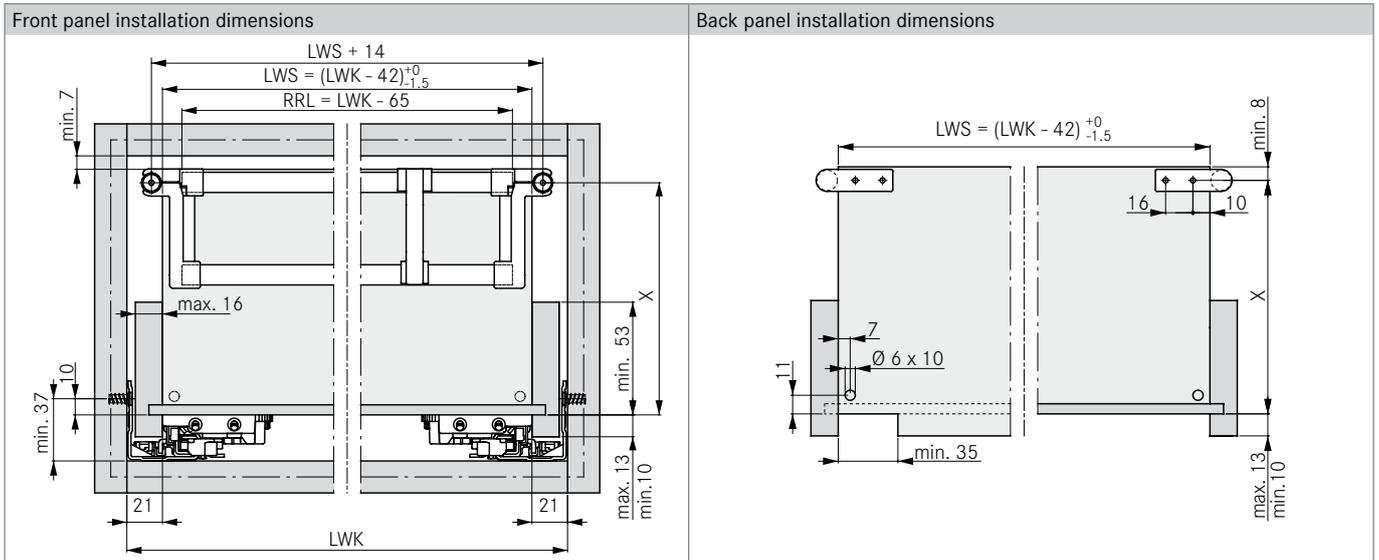
Dynamoov Soft-close	50
Dynamoov Self-close	52

Dynamoov Tipmatic	54
Assembly aids	64

Technical information	62
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INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

- KB Outside cabinet width
- LWK Inside cabinet width
- LWS Internal drawer width
- NL Nominal length

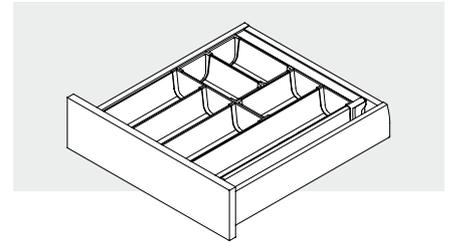
RRL Length of railing tube

DYNAMOOV

Ino(x)sys Organising system



- Drawer for cutlery and small sundry items
- High-quality stainless steel trays
- Hygiene tested, non-toxic and corrosion-resistant - LGA certified
- For slide length of 500 mm
- Perfect fit - best possible utilisation of storage space
- Dishwasher-proof stainless steel trays

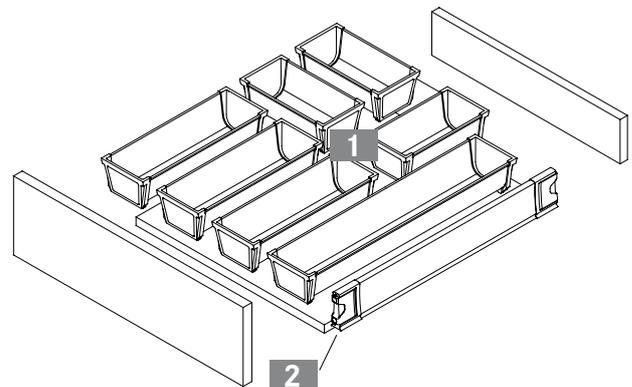


ORDER INFORMATION

1 Ino(x)sys set B3, from cabinet width 400			
NL 500	Stainless steel F102066516		

1 Ino(x)sys set B4, from cabinet width 500			
NL 500	Stainless steel F102066517		

2 Ino(x)sys divider rail			
NL 500	Aluminium metallic F102070247		



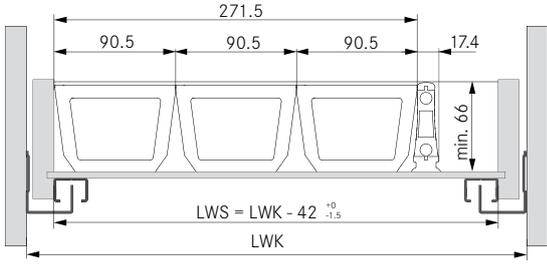
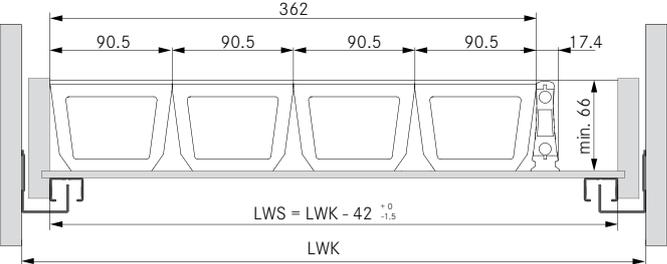
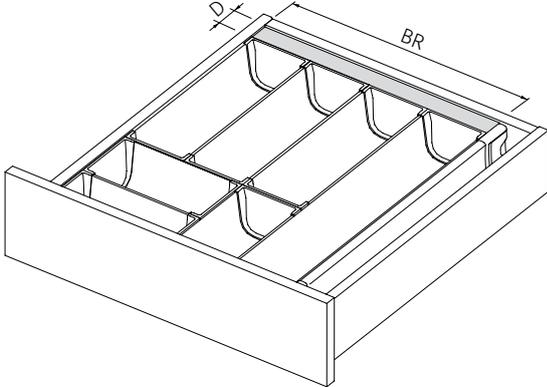
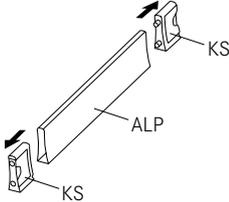
Dynamoov Soft-close	50
Dynamoov Self-close	52

Dynamoov Tipmatic	54
Assembly aids	64

Technical information	62
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INSTALLATION INFORMATION

All dimensions in millimetres

<p>Ino(x)sys B3 from outside cabinet width 400 mm</p> 	<p>Ino(x)sys B4 from outside cabinet width 500 mm</p> 
<p>Filler piece</p>  <p>The filler piece is made of wood to suit the drawer dimensions:</p> <p>thickness of filler piece thickness: $D = LTS - 453 \text{ mm}$</p> <p>thickness of filler piece: BR for set B3 = 271.5 mm BR for set B4 = 362 mm</p> <p>height of filler piece: 65 mm</p>	
<p>Divider rail</p>  <p>Remove the two clamping pieces from the divider rail and then cut the aluminium rail to size.</p> <p>Ino(x)sys Typ B3 and B4 length of the aluminium rail = inside drawer depth - 87 mm</p>	

NOTES

We continually improve our products and have received several awards in this respect.

So it goes without saying that our Ino(x)sys has been tested in respect of hygiene, non-toxicity and corrosion resistance and is certified by the LGA.



LEGEND

ALP	Aluminium profile	LTS	Inside drawer depth
BR	Width	LWK	Inside cabinet width
D	Distance	LWS	Internal drawer width
KS	Clamping piece	NL	Nominal length

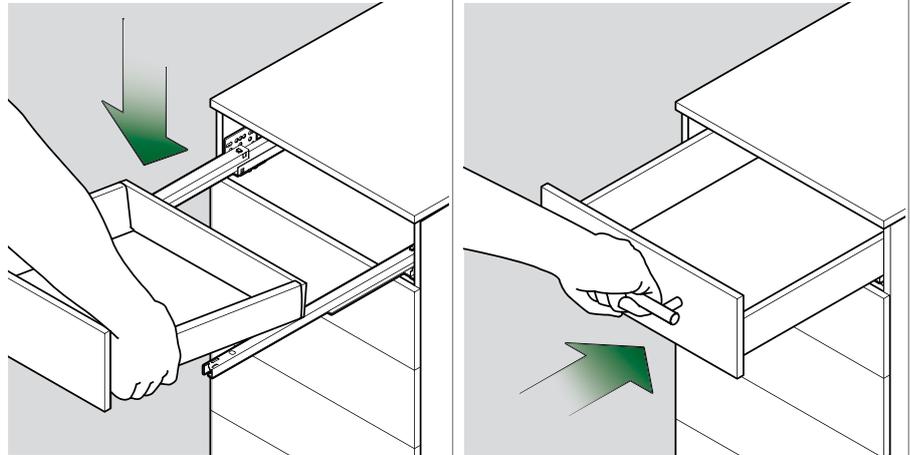
DYNAMOOV

Technical information

INSTALLATION INFORMATION

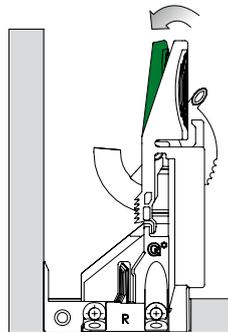
Inserting the drawer

Drawer on extended Dynamoov slides and push in until it audibly engages.



Removing the drawer

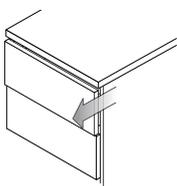
Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer off the slide towards the front.



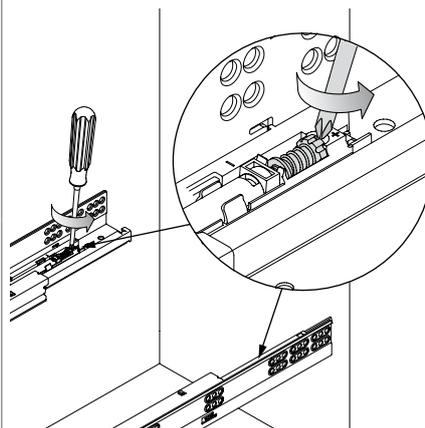
DYNAMOOV TIPMATIC

Front gap adjustment

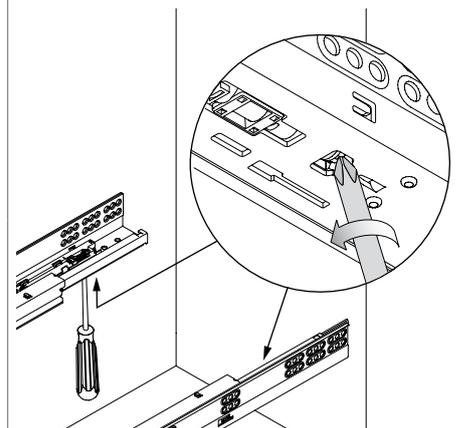
The reliable opening and closing of the drawer depends on the front gap adjustment (factory setting 4.5 mm).
If the front height is more than 300 mm the front gap must be increased to the maximum 6 mm.



Front gap adjustment from above



Front gap adjustment from below



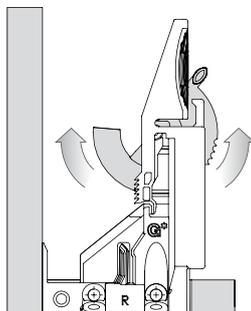
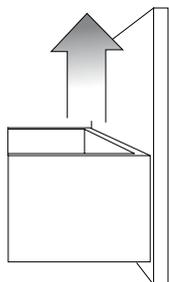
NOTES

Fixing the cabinet rails:

The screw recommendations are guide values only.
Assemblers must ensure that the substrate material is thick enough.

ADJUSTMENT

Height adjustment (max. +3.5 mm)



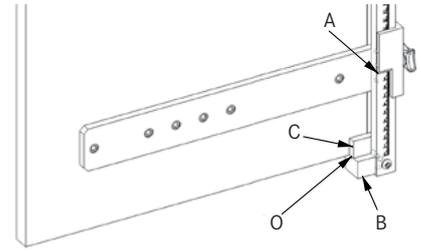
DRILLING JIG FOR CABINET MEMBER



One set includes:

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

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



	Item No.
	F146094730

INDIVIDUAL MARKING ELEMENT



For extending the drilling jig for cabinet member F146094730.

	Item No.
	F146094721

DRILLING JIG FOR DRAWER



Pre-drilling the holes for:

- Locking coupler
- Hook placement
- 37 mm cabinet member hole
- For use with pilot drill bit F146035692

	Item No.
	F146109874

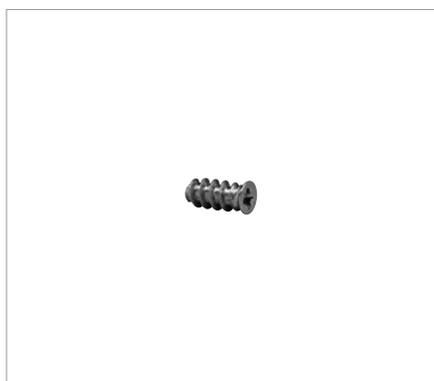
DRILLING JIG FOR CABINET MEMBER



For use with pilot drill bit F146035692

	Item No.
	F146101348

EURO SCREW



	Item No.
	F145083546

SCREWDRIVER



GRASS cross head screwdriver
(Pozidriv No. 2)

	Item No.
	F147010256

PILOT DRILL BIT



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

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

Dynamoov slide system	49
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DYNAMIC NT SLIDE SYSTEM

The track-proven slide system
for wooden drawers.

QUALITY CERTIFICATE
LGAD

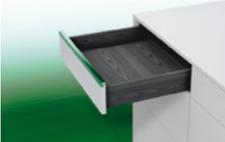
Single-extension slides with integrated Soft-close damping system

Drawers can be pulled out with tangible ease and move back in a straight line after a gentle push - as if floating on air. Soft-close slows the drawer closing action and quietly pulls it home.



DYNAMIC NT SLIDE SYSTEM

Concealed single extension drawer slides for wooden drawers.

	Product description	Page
	<p>Dynamic NT single extension drawer Soft-close 30 kg</p> <ul style="list-style-type: none"> • Soft-close damping system • Integrated height adjustment without tools + 2.5 mm 	68
	<p>Dynamic NT single extension drawer Self-close 30 kg</p> <ul style="list-style-type: none"> • Self-close closing system • Integrated height adjustment without tools + 2.5 mm 	70
	<p>Dynamic NT railing drawer</p> <ul style="list-style-type: none"> • Organisation for wooden drawers • Screw fixing railing 	72
	<p>Organising system Ino(x)sys</p> <ul style="list-style-type: none"> • High-quality stainless steel trays • LGA certified • Hygiene-tested, non toxic and dishwasher-proof 	74
	Technical information	76
	Assembly aids	78

DYNAMIC NT

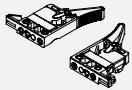
Single extension drawer with Soft-close 30 kg

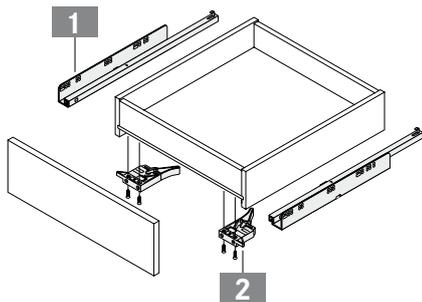


- Single extension drawer, 30 kg load capacity
- Soft-close damping system
- Stepless self-locking of the drawer when placed on the slide
- Integrated, tool-free front gap adjustment + 2.5 mm

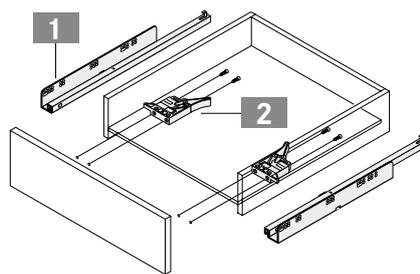
ORDER INFORMATION

1 Dynamic NT Soft-close single extension drawer, 30 kg			
NL	Item No.		
300	F089 125040		
350	F089 125041		
400	F089 125042		
450	F089 125043		
500	F089 125044		
550	F089 125045		

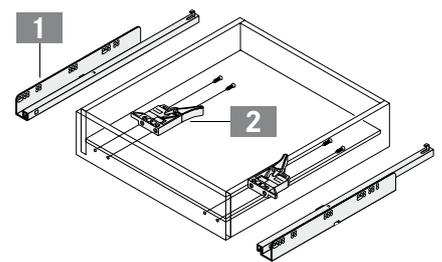
2 Locking device set, left/right			
	Item No.		
	F089000207		



4-sided drawer



3-sided drawer



Inset drawer

Ino(x)sys	74
Technical information	76

Assembly aids	78

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Drawer	NL	SKL	MET	AV
		300	290	300	52
		350	340	350	63
		400	390	400	63
		450	440	450	74
		500	490	500	96
		550	540	550	107
	Inset drawer				

Drawer cut-outs	Drawer holes

Fixing positions for single extension drawer	
	Euro screw \varnothing 6.3 x 14 mm Chipboard screw \varnothing 4 x 16 mm Screw head \varnothing 7 mm

LEGEND

AV	Drawer space loss	MET	Minimum installation depth
KV	Front edge of cabinet	NL	Nominal length
LWK	Inside cabinet width	SKL	Length of drawer
LWS	Internal drawer width		

DYNAMIC NT

Single extension drawer with Self-close 30 kg



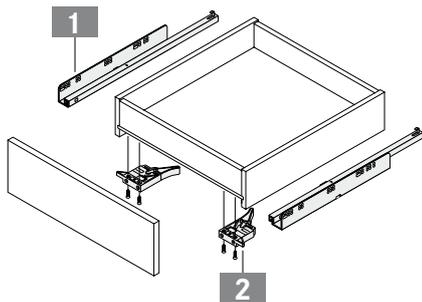
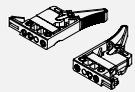
- Single extension drawer, 30 kg load capacity
- Self-close automatic closing mechanism
- Stepless self-locking of the drawer when placed on the slide
- Integrated, tool-free front gap adjustment + 2.5 mm

ORDER INFORMATION

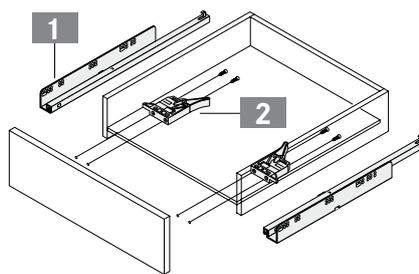
1 Dynamic NT Self-close single extension drawer, 30 kg			
NL	Item No.		
250	F089 125046		
300	F089 125047		
350	F089 125048		
400	F089 125049		
450	F089 125050		
500	F089 125051		
550	F089 125052		



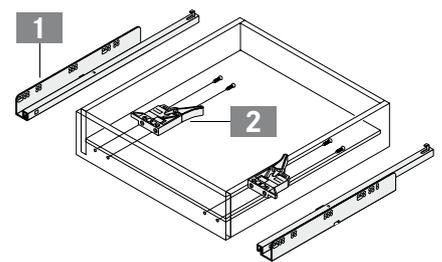
2 Locking device set, left/right			
	Item No.		
	F089000207		



4-sided drawer



3-sided drawer



Inset drawer

Ino(x)sys	74
Technical information	76

Assembly aids	78
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Drawer	NL	SKL	MET	AV
		250	240	250	52
		300	290	300	52
		350	340	350	63
		400	390	400	63
		450	440	450	74
		500	490	500	96
	Inset drawer	550	540	550	107

Drawer cut-outs	Drawer holes

Fixing positions for single extension drawer

Euro screw \varnothing 6.3 x 14 mm
 Chipboard screw \varnothing 4 x 16 mm
 Screw head \varnothing 7 mm

LEGEND

AV	Drawer space loss	MET	Minimum installation depth
KV	Front edge of cabinet	NL	Nominal length
LWK	Inside cabinet width	SKL	Length of drawer
LWS	Internal drawer width		

DYNAMIC NT

Railing drawer



- Round screw-on railing
- For Dynamic NT wooden drawers with railing
- Attractive design, suitable for high-quality wooden drawers

ORDER INFORMATION

1 Side railing set, left/right, nickel-plated for screw fixing			
NL	Item No.		
300	F092077091		
350	F092077092		
400	F092116265		
450	F092075943		
500	F092075944		
550	F092075946		



2 Railing divider KB1200, nickel-plated for cutting to length			
	Nickel-plated		
	F092082478		



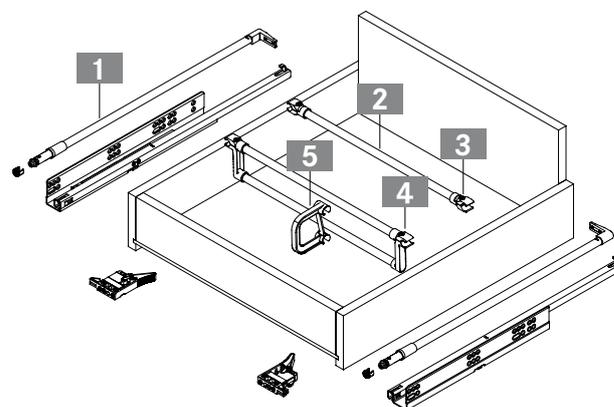
3 Railing divider clip, single			
	Metallic		
	F092082484		



4 Railing divider clip, double			
	Metallic		
	F092082486		



5 Bottle holder			
	Metallic		
	F092082488		

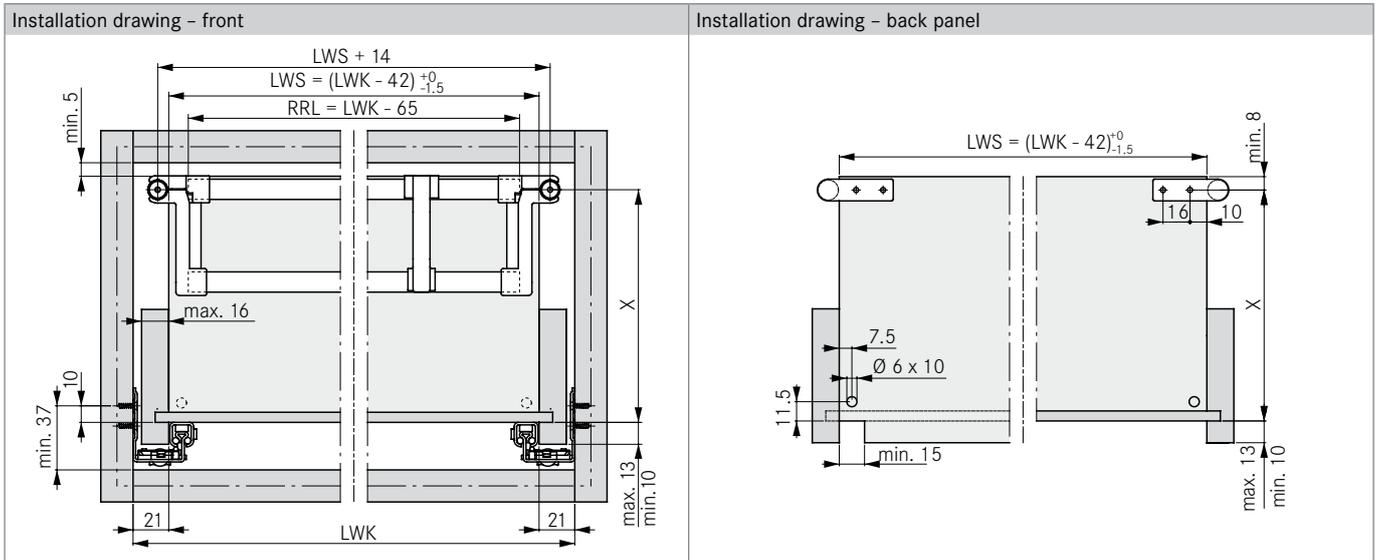


Dynamic NT Soft-close	68
Dynamic NT Self-close	70

Technical information	76
Assembly aids	78

INSTALLATION INFORMATION

All dimensions in millimetres



LEGEND

KB	Cabinet width
LWK	Inside cabinet width
LWS	Internal drawer width
NL	Nominal length

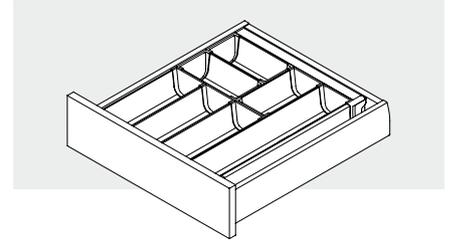
RRL	Length of railing tube
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DYNAMIC NT

Ino(x)sys Organising system



- Drawer for cutlery and small sundry items
- High-quality stainless steel trays
- Hygiene tested, non-toxic and corrosion-resistant - LGA certified
- For slide length of 500 mm
- Perfect fit - best possible utilisation of storage space
- Dishwasher-proof stainless steel trays

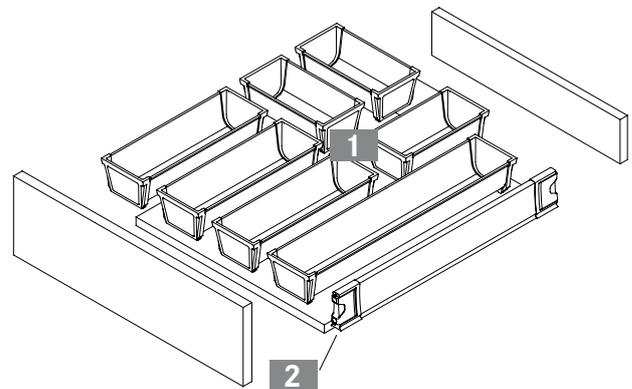


ORDER INFORMATION

1 Ino(x)sys set B3, from cabinet width 400			
NL 500	Stainless steel F102066516		

1 Ino(x)sys set B4, from cabinet width 500			
NL 500	Stainless steel F102066517		

2 Ino(x)sys divider rail			
NL 500	Aluminium metallic F102070247		

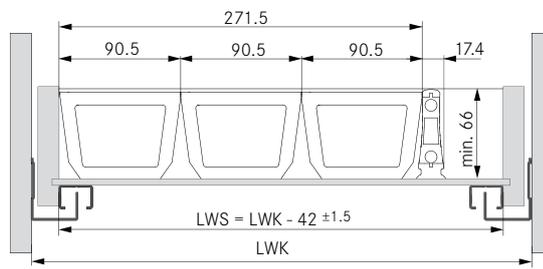
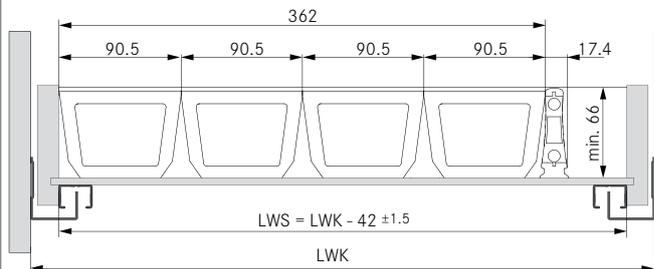
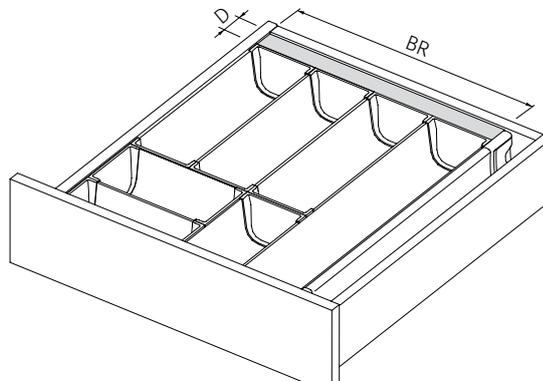
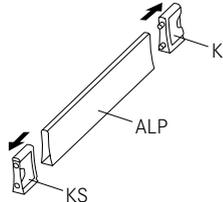


Dynamic NT Soft-close	68
Dynamic NT Self-close	70

Technical information	76
Assembly aids	78

INSTALLATION INFORMATION

All dimensions in millimetres

<p>Ino(x)sys B3 from outside cabinet width 400 mm</p> 	<p>Ino(x)sys B4 from outside cabinet width 500 mm</p> 
<p>Filler piece</p>  <p>The filler piece is made of wood to suit the drawer dimensions:</p> <p>thickness of filler piece: $D = LTS - 453$ mm</p> <p>thickness of filler piece: BR for set B3 = 271.5 mm BR for set B4 = 362 mm</p> <p>height of filler piece: 65 mm</p>	
<p>Divider rail</p>  <p>Remove the two clamping pieces from the divider rail and then cut the aluminium rail to size.</p> <p>Ino(x)sys Typ B3 and B4 length of the aluminium rail = inside drawer depth - 87 mm</p>	

NOTES

We continually improve our products and have received several awards in this respect.

So it goes without saying that our Ino(x)sys has been tested in respect of hygiene, non-toxicity and corrosion resistance and is certified by the LGA.



LEGEND

ALP	Aluminium profile	LTS	Inside drawer depth
BR	Width	LWK	Inside cabinet width
D	Distance	LWS	Internal drawer width
KS	Clamping piece	NL	Nominal length

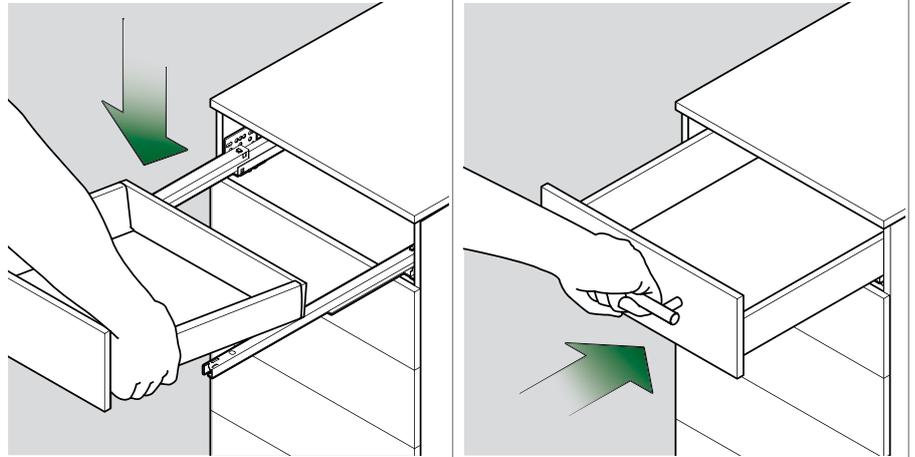
DYNAMIC NT

Technical information

INSTALLATION INFORMATION

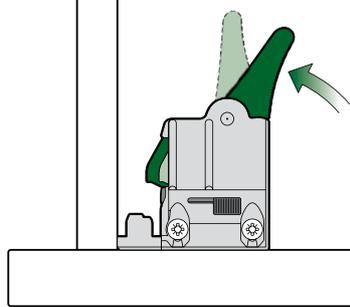
Inserting the drawer

Place the drawer on the extended Dynamic NT slides and push in until it audibly engages.



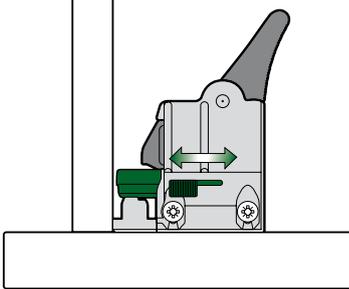
Removing the drawer

Pull out the drawer, actuate the lever of the front locking device on both sides and pull the drawer off the slide towards the front.

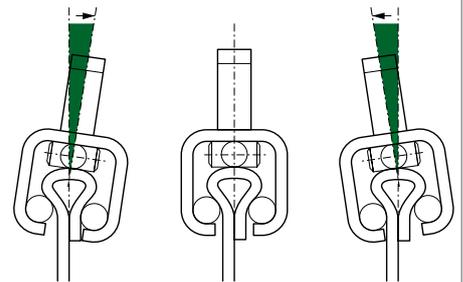
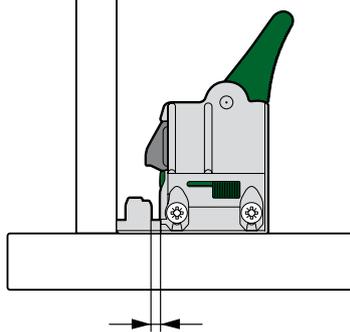


ADJUSTMENT

Height adjustment +2.5 mm



Tolerance compensation ± 1.5 mm



NOTES

Fixing the cabinet rails:

The screw recommendations are guide values only.

Assemblers must ensure that the substrate material is thick enough.



DYNAMIC NT

Assembly aids

PILOT DRILL BIT



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

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

DRILLING JIG FOR CABINET MEMBER



For use with pilot drill bit F146035692

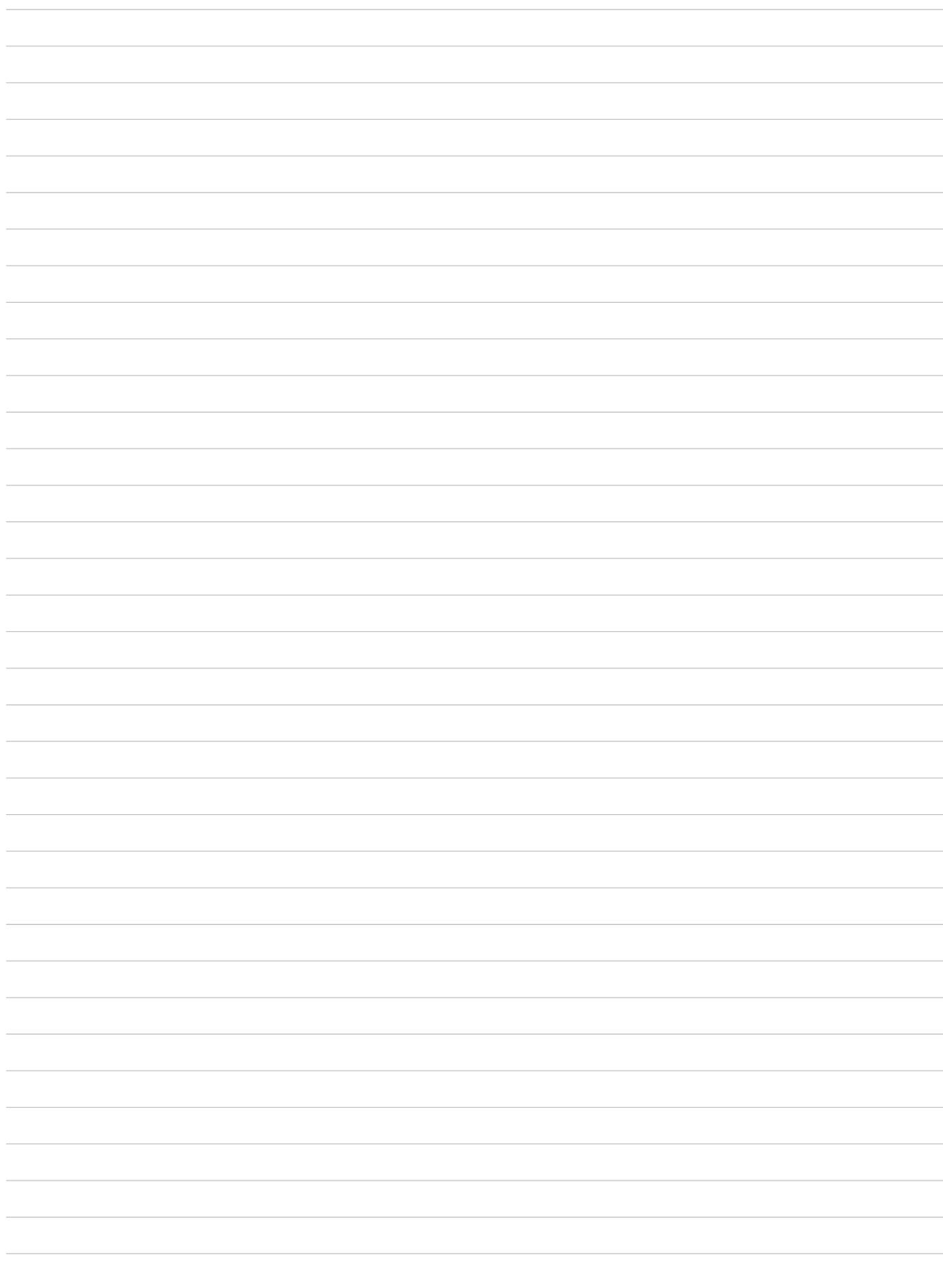
	Item No.
	F146101347

SCREWDRIVER



GRASS cross head screwdriver (Pozidriv No. 2)

	Item No.
	F147010256





ROLLER SLIDES

The classic standard range for domestic and commercial furniture with track-proven quality and benefits.

QUALITY CERTIFICATE
LGAD

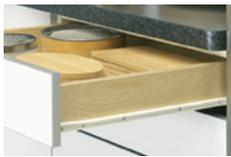
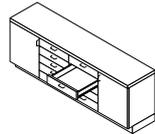
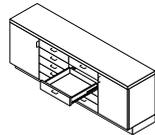
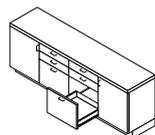
Standard roller slides for a number of furniture applications.

With its wide range of roller slides, GRASS covers a large part of classic furniture construction. Single or full extension drawer slides with different load capacities and sophisticated technical details ensure high quality standards. Silent running, minimum drawer deflection, excellent lateral stability and edge clearance are some of the features of the GRASS slides.



ROLLER SLIDES

Sturdy single and full extension drawer slides of tried-and-tested quality for demanding specifications.

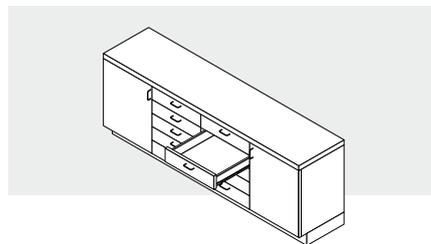
	Product description		Page
	Single extension drawer slide 30 kg <ul style="list-style-type: none"> • With plastic rollers • Installation width 12.5 mm • Bottom mounting 		82
	Full extension drawer slide 50 kg <ul style="list-style-type: none"> • With plastic rollers • Installation width 12.5 mm • Bottom mounting 		84
	Single extension drawer slide 100 kg <ul style="list-style-type: none"> • With steel ball bearings • Installation width 17 mm • Bottom mounting 		86
	Accessories		88
	Technical information		90
	Assembly aids		92

ROLLER SLIDES

Single extension drawer slide 30 kg



- Single extension drawer slide with plastic rollers, 30 kg, installation width 12.5 mm, bottom mounting
- Parallel closing action
- Reliable closing, minimal gap widths
- Bottom edge clearance
- Clearance of screw heads in the cabinet rail
- Double stop
- Secure stop in open state is possible



ORDER INFORMATION

1 Single extension drawer slide 30 kg			
NL	White	Cream white	Brown
250	F080115434	F080073981	F080073983
300	F080115435	F080073984	F080073986
350	F080115436	F080073987	F080073990
400	F080115437	F080073991	F080073993
450	F080115438	F080073994	F080073996
500	F080115439	F080073997	F080073999
550	F080115440	F080074000	F080074002
600	F080115432	F080074276	-
650	F080074280	F080074279	-
700	F080074282	F080074281	-
750	F080074285	F080074284	-
800	F080074287	F080074286	-

Technical information	90
Assembly aids	92

Accessories	88
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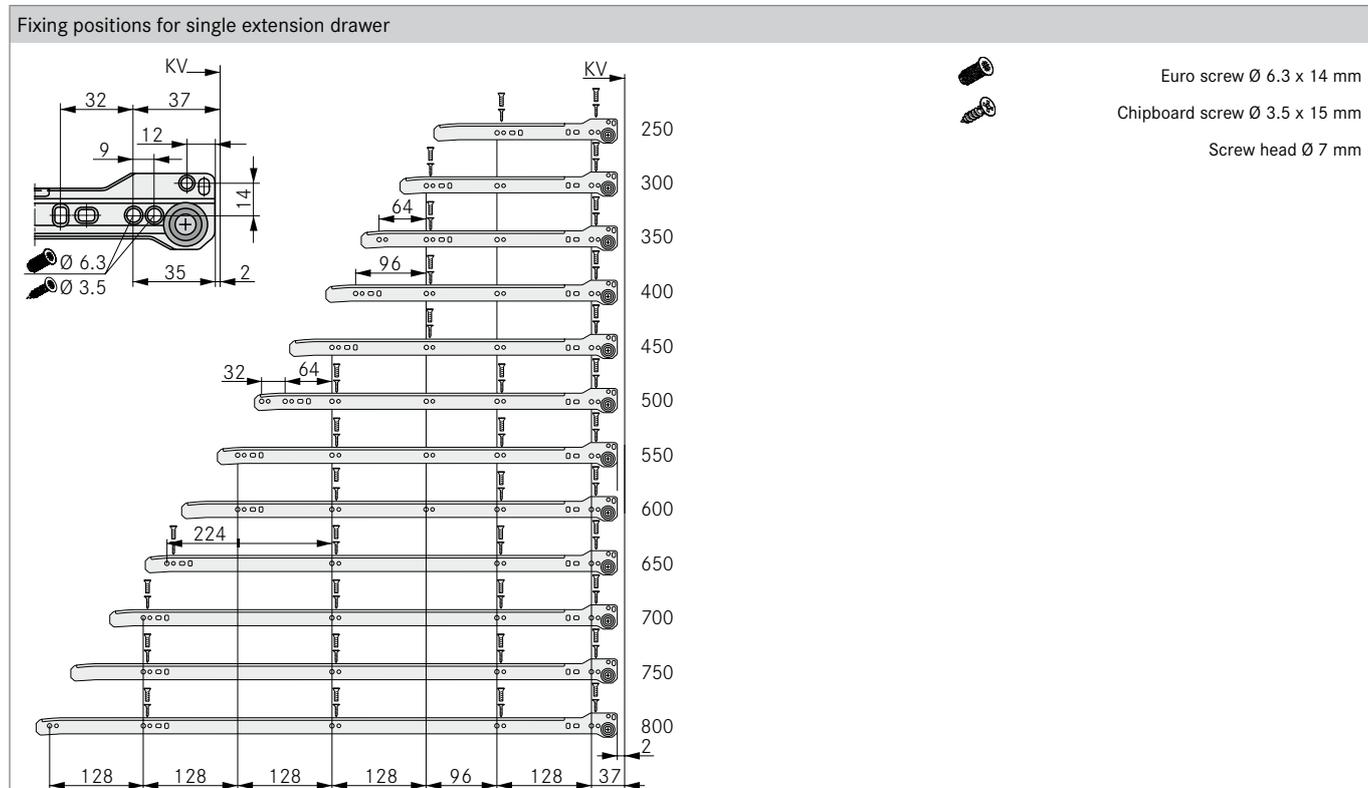
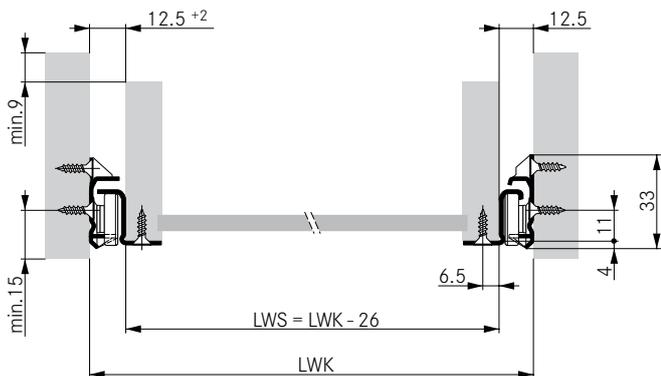
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	NL	AZV 1	AZV 2
	250	90	73
	300	90	73
	350	90	73
	400	90	73
	450	103	86
	500	103	86
	550	118	101
	600	118	101
	650	128	111
	700	138	121
	750	153	136
	800	153	136

Loss of drawer space (AZV 1): is the amount of space lost in the not locked position.
Loss of drawer space (AZV 2): is the amount of space lost in the locked position.



LEGEND

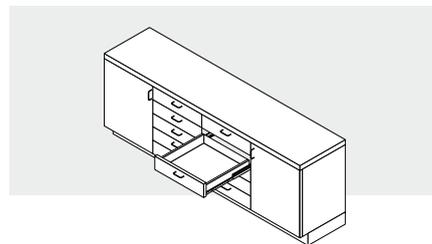
AZV	Drawer space loss	NL	Nominal length
KV	Front edge of cabinet		
LWK	Inside cabinet width		
LWS	Internal drawer width		

ROLLER SLIDES

Full extension drawer slide 50 kg



- Full extension drawer slide with plastic rollers, 50 kg, installation width 12.5 mm, bottom mounting
- 30 mm over-extension
- Convenient access
- Control of central rail
- Reliable parallel action
- Safety lock
- Reliable connection between drawer and cabinet
- Bottom edge clearance
- Drawer rail is flush with the bottom corner



ORDER INFORMATION

1 Full extension drawer slide 50 kg			
NL	White	Cream white	Brown
250	F080074520	F080074519	F080074521
300	F080074523	F080074522	F080074524
350	F080074526	F080074525	F080074527
400	F080074529	F080074528	F080074530
450	F080074532	F080074531	F080074533
500	F080074535	F080074534	F080074536
550	F080074538	F080074537	F080074539
600	F080074541	F080074540	F080074542
650	F080074544	F080074543	-
700	F080074546	F080074545	-
750	F080074549	F080074548	-
800	F080074551	F080074550	-



Technical information	90
Assembly aids	92

Accessories	88
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INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	Over-extension												
	<p>The critical advantage: better access When the drawer is assembled it can be set to 30 mm over-extension. This ensures that the front panel above does not inhibit full access.</p> <table border="1"> <thead> <tr> <th>NL</th> <th>UA</th> <th></th> </tr> </thead> <tbody> <tr> <td>250</td> <td>10</td> <td></td> </tr> <tr> <td>300 - 350</td> <td>15</td> <td></td> </tr> <tr> <td>400 - 800</td> <td>30</td> <td></td> </tr> </tbody> </table> <p>Loss of drawer space 1: is the amount of space lost in the not locked position. Loss of drawer space 2: is the amount of space lost in the locked position.</p>	NL	UA		250	10		300 - 350	15		400 - 800	30	
NL	UA												
250	10												
300 - 350	15												
400 - 800	30												

Fixing positions for full extension drawer

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

LEGEND

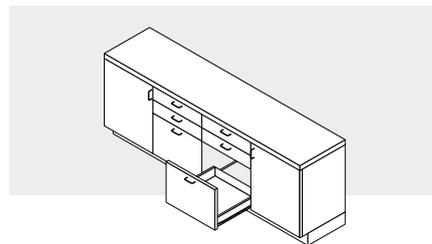
KV	Front edge of cabinet	UA	Over-extension
LWK	Inside cabinet width		
LWS	Internal drawer width		
NL	Nominal length		

ROLLER SLIDES

Single extension drawer slide 100 kg



- Single extension drawer slide with steel ball bearings, 100 kg, installation width 17.5 mm, bottom mounting
- Secure front position when closed
- Double stop
- Secure stop in open state is possible
- System stop for inset drawers



ORDER INFORMATION

1 Single extension drawer slide 100 kg			
NL	Galvanised		
400	F080074477		
450	F080074478		
500	F080074479		
550	F080074480		
600	F080074481		
700	F080074483		
800	F080074485		
900	F080074487		
1000	F080074474		

Technical information	90
Assembly aids	92

Accessories	88

INSTALLATION INFORMATION

All dimensions in millimetres

Installation dimensions	NL	AZV 1	AZV 2
	400	105	90
	450	105	90
	500	105	90
	550	105	90
	600	115	100
	700	135	120
	800	135	120
	900	150	135
	1000	150	135
	<p>Loss of drawer space (AZV 1): is the amount of space lost in the not locked position. Loss of drawer space (AZV 2): is the amount of space lost in the locked position.</p>		

Fixing positions for single extension drawer	
	<p>Euro screw Ø 6.3 x 14 mm Chipboard screw Ø 3.5 x 15 mm Screw head Ø 7 mm</p>

LEGEND

AZV	Drawer space loss	NL	Nominal length
KV	Front edge of cabinet		
LWK	Inside cabinet width		
LWS	Internal drawer width		

ROLLER SLIDES

Accessories

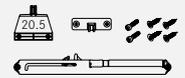


- Can be retrofitted, easy to install
- Up to a drawer weight of 25 kg on one side and up to an external cabinet width of 600
- On both sides up to a drawer weight of 50 kg
- Tested with 100,000 opening and closing operations
- Suitable for roller slides

SOFT-CLOSE FOR ROLLER SYSTEMS

Soft-close for roller systems	
Designation	Item No.
Damping unit, can be retrofitted	F084101800
Activator for wooden drawers	F080101802

Damping unit and activator in a set	
Designation	Item No.
Damping set for wooden drawers.	F084101803



Single extension drawer slide 30 kg	82
Full extension drawer slide 50 kg	84

Single extension drawer slide 100 kg	86



ROLLER SLIDES

Technical information

DRAWER SPACE LOSS

Loss of drawer space with single extension drawers

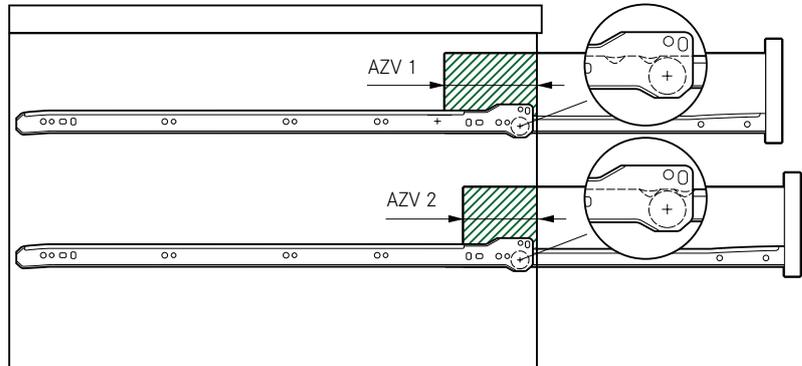
Single extension drawers have two types of loss of drawer space (AZV).

AZV 1:

The amount of space lost in the not locked position.

AZV 2:

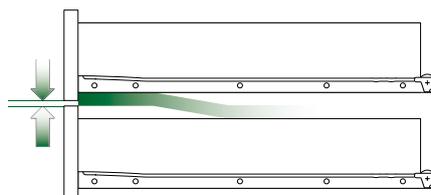
The amount of space lost in the locked position.



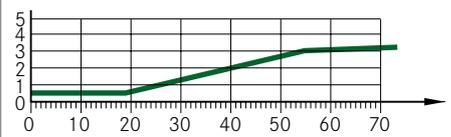
MINIMUM REVEAL

Small minimum reveal

Owing to the parallel closing action it is possible to achieve minimal reveals



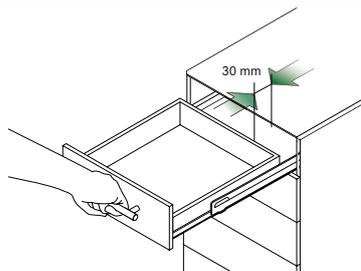
Minimum reveal with 19 mm front panel = 0.5 mm



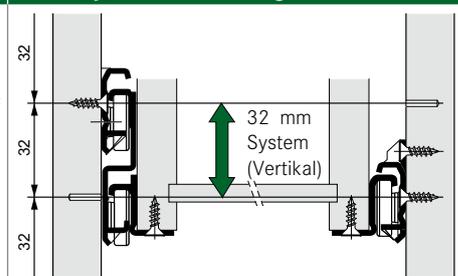
FULL EXTENSION DRAWER SLIDES

Over-extension with full extension drawer slides

The critical advantage: better access.
When the drawer is assembled it can be set to 30 mm over-extension.
This ensures that the front panel above does not inhibit full access.



Single and full extension drawer slides in the 32 mm system are interchangeable

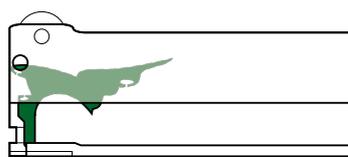


TWIST-LOCK

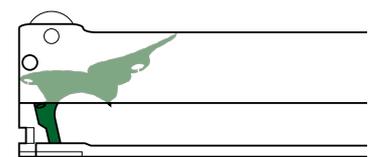
Installation advice

- For reliable self-retraction
- For safe carrying capacity of 50 kg
- For convenient drawer insertion and removal

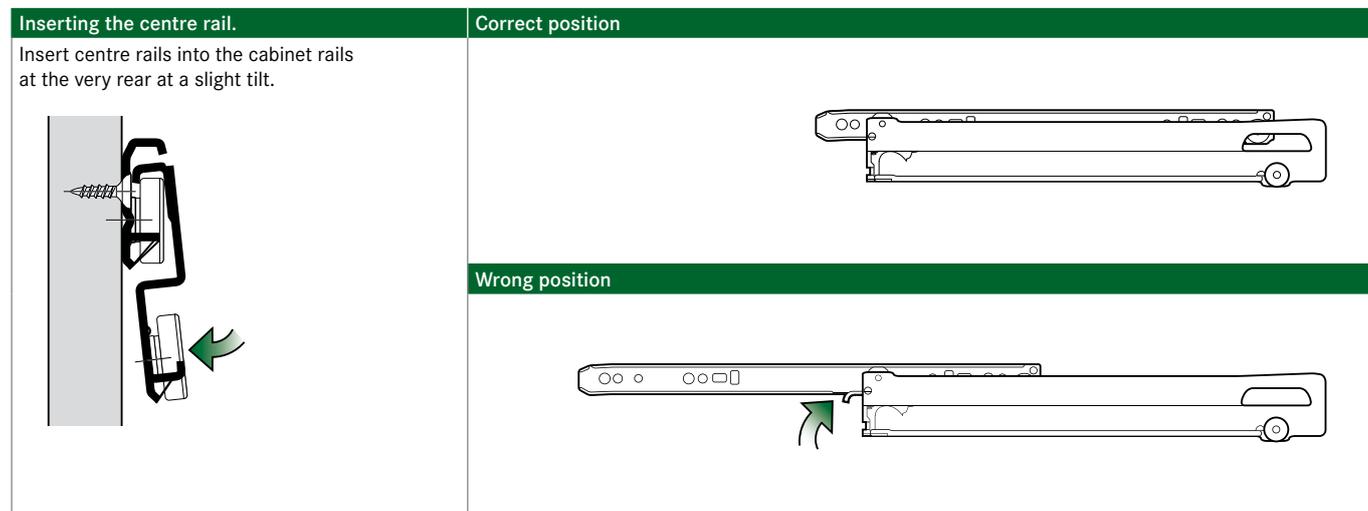
Check mounting positions Correct position for inserting drawer



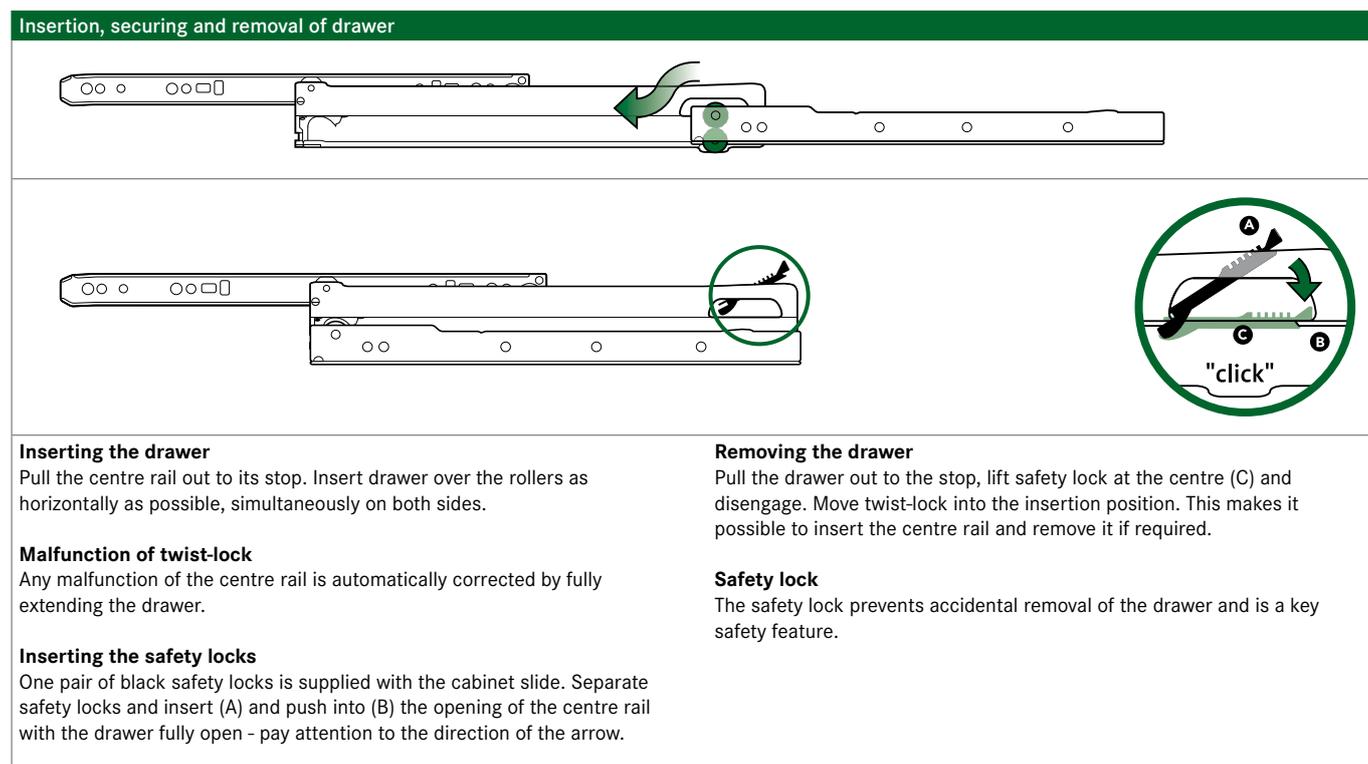
Wrong position Insertion of centre rail is not possible.



ADJUSTMENTS



ADJUSTMENTS



NOTES

Fixing the cabinet rails:

Details are based on reference chipboard in accordance with DIN 68858, MDF and hardwood board.

Where other wood qualities and thicknesses are used, the number and position of screws should be adjusted accordingly.

ROLLER SLIDES

Assembly aids

DRILLING JIG FOR CABINET MEMBER



For use with pilot drill bit F146035692

	Item No.
	F146101347

PILOT DRILL BIT



Use for pre-drilling countersunk chipboard screws Ø 3.5 mm.

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

SCREWDRIVER



GRASS cross head screwdriver (Pozidriv No. 2)

	Item No.
	F147010256

Roller slides	81
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ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F080

F080073981211	1700.250.11	20	82
F080073983213	1702.250.3	25	82
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F080074546507	5300.700.2	10	84

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F080074548507	5300.750.11	10	84
F080074549507	5300.750.2	10	84
F080074550507	5300.800.11	10	84
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F120

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F120078669207	78669-04	10	32

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F121

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F130

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F130116021204	—	5	12

ITEM NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F130116022204	—	5	12
F130116023204	—	5	12
F130116024204	—	5	12
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F146094730501	94730	1	24
F146101347507	—	40	78

F Article no.	Article no., old	PU	Page
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F146109850299	—	1	25
F146109874299	—	1	24

F147

F147010256299	10256-00	1	25
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LEGEND

PU code	Quantity (units, pair, set)
147	1000
201	1
204	5
207	10
211	20
213	25
223	100
233	200
238	300
299	1
501	1
505	6
507	10
511	20
513	25
517	50
533	200
607	10

ITEM NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
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10

10256-00	F147010256299	1	25
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11

116265	F092116265513	25	18
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17

1700.250.11	F080073981211	20	82
1700.250.2	F080115434511	20	82
1700.300.11	F080073984511	20	82
1700.300.2	F080115435511	20	82
1700.350.11	F080073987511	20	82
1700.350.2	F080115436511	20	82
1700.400.11	F080073991511	20	82
1700.400.2	F080115437511	20	82
1700.450.11	F080073994511	20	82
1700.450.2	F080115438511	20	82
1700.500.11	F080073997511	20	82
1700.500.2	F080115439511	20	82
1700.550.11	F080074000511	20	82
1700.550.2	F080115440511	20	82
1702.250.3	F080073983213	25	82
1702.300.3	F080073986213	25	82
1702.350.3	F080073990213	25	82
1702.400.3	F080073993213	25	82
1702.450.3	F080073996213	25	82
1702.500.3	F080073999213	25	82
1702.550.3	F080074002213	25	82

18

1800.600.11	F080074276511	20	82
1800.600.2	F080115432511	20	82
1800.650.11	F080074279511	20	82
1800.650.2	F080074280511	20	82
1800.700.11	F080074281511	20	82
1800.700.2	F080074282511	20	82
1800.750.11	F080074284511	20	82
1800.750.2	F080074285511	20	82
1800.800.11	F080074286511	20	82
1800.800.2	F080074287511	20	82

35

35692	F146035692299	1	25
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40

4000.1000.5	F080074474505	6	86
4000.400.5	F080074477507	10	86
4000.450.5	F080074478507	10	86
4000.500.5	F080074479507	10	86
4000.550.5	F080074480507	10	86
4000.600.5	F080074481505	6	86
4000.700.5	F080074483505	6	86
4000.800.5	F080074485505	6	86
4000.900.5	F080074487505	6	86

50

50844	F092082484233	200	18
50848	F092082486233	100	18
50850	F092082488233	100	18

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

53

5300.250.11	F080074519507	10	84
5300.250.2	F080074520507	10	84
5300.250.3	F080074521507	10	84
5300.300.11	F080074522507	10	84
5300.300.2	F080074523507	10	84
5300.300.3	F080074524507	10	84
5300.350.11	F080074525507	10	84
5300.350.2	F080074526507	10	84
5300.350.3	F080074527507	10	84
5300.400.11	F080074528507	10	84
5300.400.2	F080074529507	10	84
5300.400.3	F080074530507	10	84
5300.450.11	F080074531507	10	84
5300.450.2	F080074532507	10	84
5300.450.3	F080074533507	10	84
5300.500.11	F080074534507	10	84
5300.500.2	F080074535507	10	84
5300.500.3	F080074536507	10	84
5300.550.11	F080074537507	10	84
5300.550.2	F080074538507	10	84
5300.550.3	F080074539507	10	84
5300.600.11	F080074540507	10	84
5300.600.2	F080074541507	10	84
5300.600.3	F080074542507	10	84
5300.650.11	F080074543507	10	84
5300.650.2	F080074544507	10	84
5300.700.11	F080074545507	10	84
5300.700.2	F080074546507	10	84
5300.750.11	F080074548507	10	84
5300.750.2	F080074549507	10	84
5300.800.11	F080074550507	10	84
5300.800.2	F080074551507	10	84

60

60711	F092082478211	20	18
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62

62719	F092075943513	25	18
62720	F092075944513	25	18
62721	F092075946513	25	18

66

66516-01	F102066516201	1	20
66517-01	F102066517201	1	20

69

69760-04	F120069760207	10	32
69761-04	F120069761207	10	32
69763-04	F120069763207	10	32
69765-04	F120069765207	10	32
69766-04	F120069766207	10	32
69767-04	F120069767207	10	32

70

70247-06	F102070247213	25	20
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72

72445-04	F120072445207	10	32
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Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

75

7502.300.5	F089125040207	10	68
7502.350.5	F089125041207	10	68
7502.400.5	F089125042207	10	68
7502.450.5	F089125043207	10	68
7502.500.5	F089125044207	10	68
7502.550.5	F089125045207	10	68
7512.250.5	F089125046207	10	70
7512.300.5	F089125047207	10	70
7512.350.5	F089125048207	10	70
7512.400.5	F089125049207	10	70
7512.450.5	F089125050207	10	70
7512.500.5	F089125051207	10	70
7512.550.5	F089125052207	10	70

77

77091	F092077091513	25	18
77092	F092077092513	25	18
77093	F092077093513	25	18

78

78669-04	F120078669207	10	32
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79

7900.VE10AA	F089000207507	10	68
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83

83546-45	F145083546147	1000	25
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90

90561	F146090561299	1	25
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94

94721	F146094721299	1	24
94730	F146094730501	1	24

ITEM NO. INDEX

Article no., old / F Article no.

LEGEND

PU code	Quantity (units, pair, set)
147	1000
201	1
204	5
207	10
211	20
213	25
223	100
233	200
238	300
299	1
501	1
505	6
507	10
511	20
513	25
517	50
533	200
607	10



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