

HIGOLD®

HIGOLD®

HIGOLD GROUP CO., LTD.

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HIGOLD®

FURNITURE FITTING
CATALOGUE AND TECHNICAL MANUAL



CREATIVE LIVING, SOUL!

FURNITURE
FITTINGS

HIGOLD



reddot design award
winner

COMPANY PROFILE

HIGOLD GROUP CO., LTD., founded in 2004, is a diversified and innovative technology enterprise, focusing on home hardware, business including functional hardware, furniture fittings, door and window hardware, kitchen and bathroom hardware, decorative hardware, smart hardware, and outdoor furniture, dedicated to creating one-stop full house high-end hardware solutions for global users. As a high-end brand in China's home hardware industry, its brand awareness and sales scale have always been in a leading position in China. In 2020, Higold signed a contract with Donnie Yen as the brand spokesperson, starting a new journey for the global national brand. Since its establishment, Higold has always adhered to the strategy of integration of production, research and marketing. Currently, the group has about 2500 employees, including nearly 300 R&D technicians and related personnel.

Higold Star Headquarters production base and Higold Hexagonal building production base, with a total of 340,000 square meters, is the large-scale intelligent manufacturing base of home hardware in Asia nowadays. With more than 40,000 square meters, Higold Star Headquarters stands in China with a unique architectural design posture in the world. Its avant-garde, high-tech, dynamic and fashionable design elements have become a new landmark attracting global attention.

As a national high-tech enterprise, Higold has a strong engineering technology center and research institute, and long-term strategic cooperation with many top design companies around the world, integrating global high-quality research and innovation resources, providing continuous driving force for "creative living · soul".

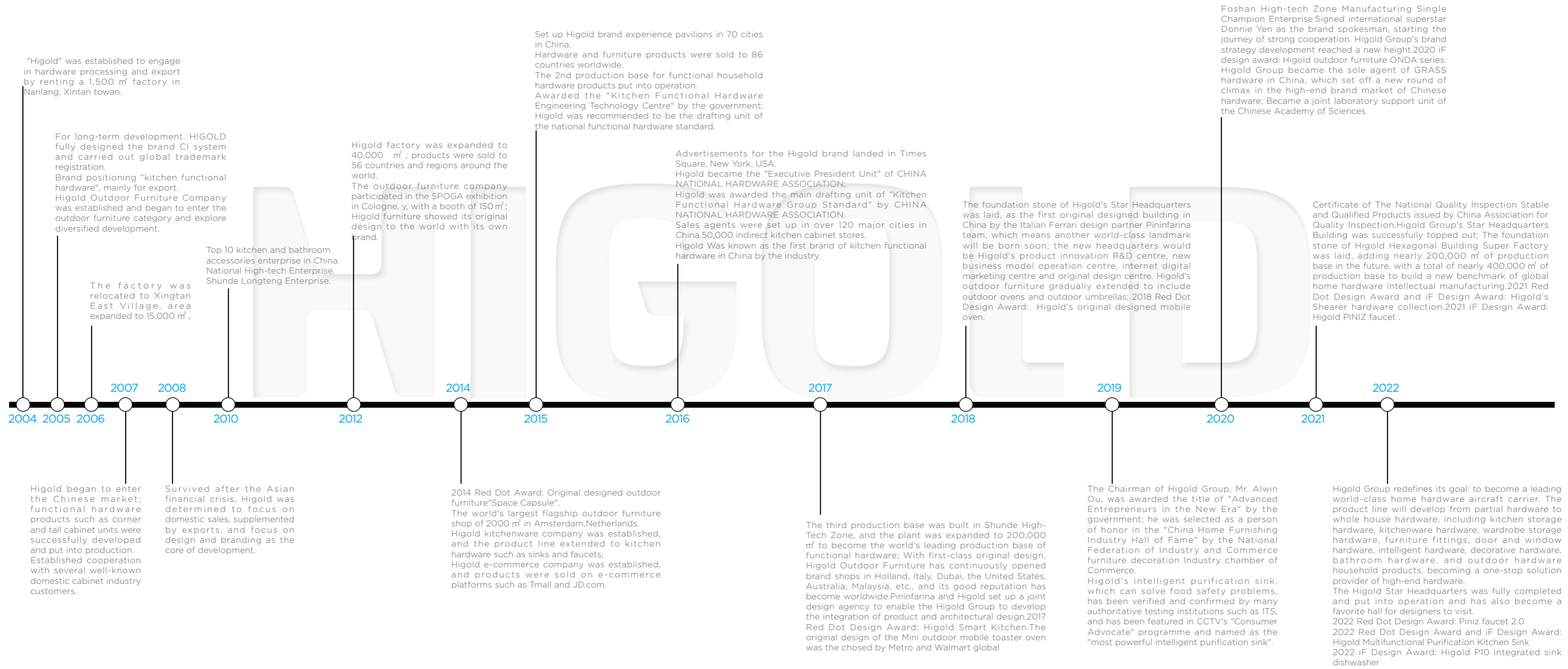
Up to now, Higold has more than 680 patents including inventions. It is the main drafting unit of the group standard of "Functional Hardware Basket for Home Use" and the drafting unit of the national standard of "Household Kitchen Equipment". Its products have won the German Red Dot Design Award, iF Design Award, China Red Star Award and other domestic and foreign awards for many times. The group has been awarded "Top 10 Kitchen and Bathroom Accessories Enterprises in China", "Top 10 Hardware Industry in China home Manufacturing industry", "Top 100 Foshan Manufacturing Industry in 2021" and many other honors.

Higold products are sold to 86 countries and regions in the world, and its sales network covers the whole world. It has hundreds of agents in domestic cities and nearly 100,000 terminal stores for special sales. It is also a strategic partner of many well-known real estate industry brands and home furnishing brands in China.

Higold is renowned for its excellent quality and innovative design in the industry, and is committed to building a leading world-class aircraft carrier for home furnishing and hardware, striving to improve the quality of human life.

Founder & President of the HIGOLD group
Mr. Alwin Ou

Milestone





Vision

HIGOLD'S MISSION

Strive for improving the quality of people life.
Rather than just a simple supply and demand company, Higold's ideology is to provide a better and more elegant lifestyle with our products. With our unique and innovative product designs, our functional kitchen hardware gives our customers a better reason to enjoy a happy life.

HIGOLD'S CORE VALUE

Cooperative, Win-Win, Creative and Leading.
As an industry innovator, we wish to have more partners join us in this great area to achieve a win-win situation by optimizing respective strengths and interacting resources; We stick to innovating and sustaining business operations with a persistent vigor and vitality, to keep the advantage in being a leading enterprise and to always lead people to a better lifestyle.

HIGOLD'S OBJECTIVE

Create Higold as an international brand of functional kitchen hardware and industry innovation leader.
With our product's design, innovation, quality, and service, we have been increasing the value of Higold's international reputation in the functional kitchen hardware industry. As a result, customers are able to enjoy the quality and satisfaction of our products. Higold will always be the innovation leader and set as the benchmark in the industry.

HIGOLD Group Honor

2022 iF Design Award
Higold P10 integrated sink dishwasher

2022 iF Design Award & 2022 Red Dot Award
Higold Multifunctional Purification Kitchen Sink

2022 iF Design Award
Piniz faucet BN 2.0

2021 iF Design Award
Higold PINIZ faucet

2021 iF Design Award & 2021 Red Dot Award
Higold Shearer 4.0 Series kitchen basket

2020 iF Design Award
"ONDA" Series from HIGOLD Outdoor furniture is awarded

2018 Red Dot Award
HIGOLD kitchen intelligent mini oven

2017 Red Dot Award
The Water Dispens

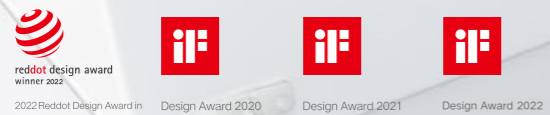
2014 Red Dot Award
HIGOLD shenzhou-10 space capsule

World-class landmark headquarters

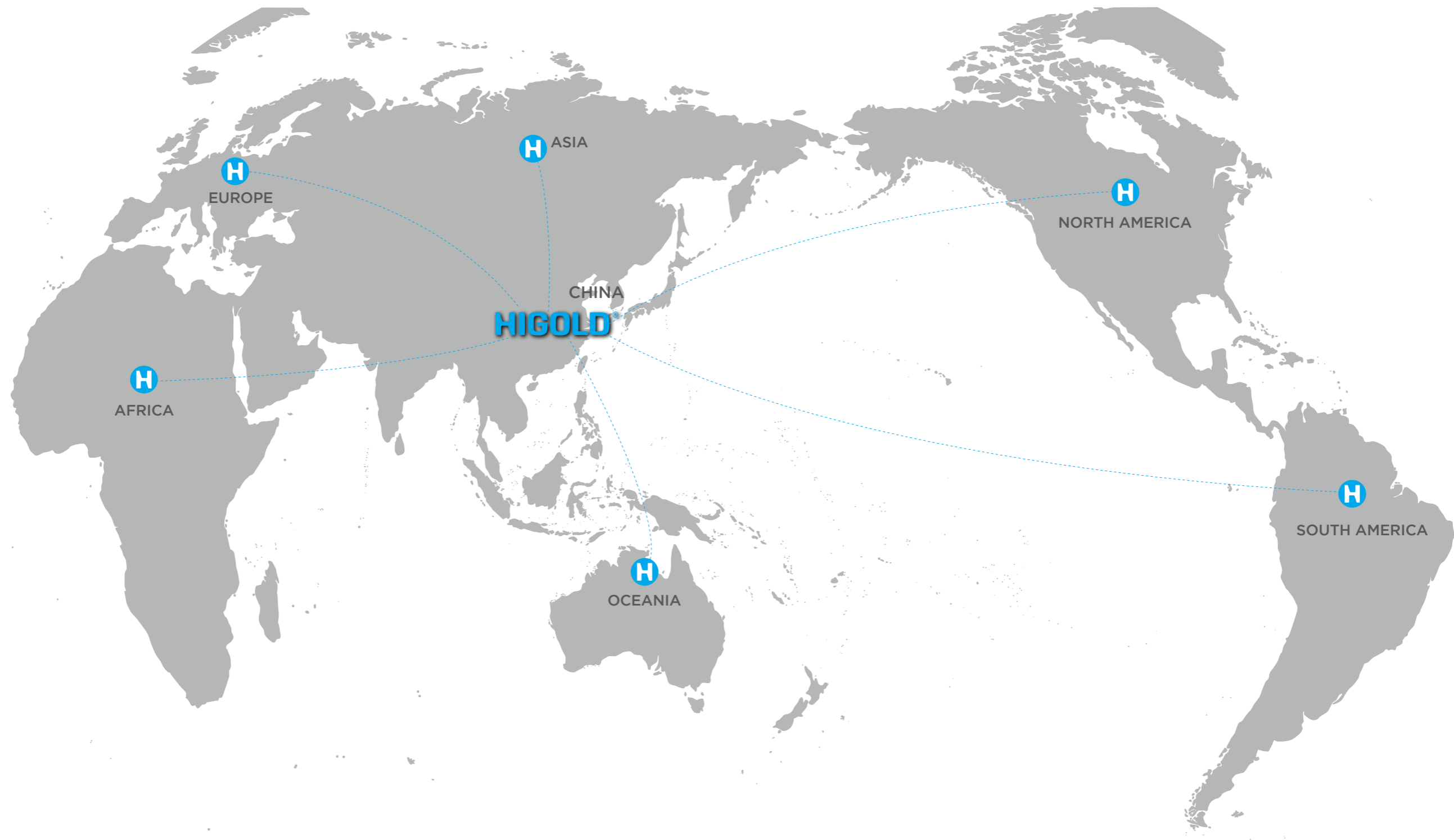
National high and new technology enterprise

Provincial industrial design center

Shunde new era entrepreneurial pioneer enterprise



HIGOLD Hardware
Sales Network





Benefits to be an Higold agent or distributor

- 1 Higold is the top brand of functional hardware in China, we support a standard brand VI system including but not limited to showroom design, showroom material, banner, etc
- 2 The business category includes kitchen accessories, wardrobe accessories, furniture fittings, sink, windows and door hardware, lighting system, and outdoor furniture, supplying a complete range of household and furniture hardware.
- 3 Handshakes with Pininfarina Italy, the chief designing team of Ferrari, The original noble design of the products can lead the trend in the hardware industry.
- 4 The strongest and biggest kitchen accessories manufacturing base in Asia , with over 340,000 sq m factory area, the strongest backup ever for your business development.



Decoration Support:

Strong and powerful designing team based in China to serve the global agency demands of brand building and promotion.



Marketing Material Support:

According to the annual sales, a certain percentage of marketing materials supports are applicable, including but not limited to Uniform, Catalog, decorative materials., etc.



Exhibition Support:

Applicable overseas exhibition support, headquarter and agents are able to apply for a mutual exhibition design, materials, and cost as well.



Best Policy Support:

Agent shall enjoy the best price and exclusive product range in a specific market if applicable.

Joining Condition



Acknowledge the value and prospect of HIGOLD



Aggressive and achieve the mutual annual sales target



Competent enough to start and run business

MENU

CONCEALED HINGES



	PAGE
Hanma M2.0 105° Soft close concealed hinge for door thickness 14-23mm	022
Hannu 105° Soft close concealed hinge for door thickness 14-22mm	028
Hannu 105° Regular concealed hinge for door thickness 14-22mm	036

BALL BEARING DRAWER SLIDES



	PAGE
HIGOLD Full Extension 45mm Soft Close Ball Bearing Drawer Slides	040
HIGOLD Full Extension 45mm Regular Ball Bearing Drawer Slides	046
HIGOLD B series Full Extension 45mm Soft Close Ball Bearing Drawer Slides	048
HIGOLD B series Full Extension 45mm Regular Ball Bearing Drawer Slides	050

UNDERMOUNT DRAWER SLIDE



	PAGE
HIGOLD Full Extension Concealed Soft Close Drawer Slides-16mm	052

DRAWER SYSTEM



	PAGE
HIGOLD SLENDER Double Wall Drawer System	068
HIGOLD INMAGIC Double Wall Drawer System	078
HIGOLD Luxury Double Wall Drawer System	090

LIFT SYSTEM



	PAGE
Hanma Bi-folding Door Lift System	104
Hanma GENI Lift System	107
Hanma CLASSIC Small free stay Lift System	111
Hanma CLASSIC Gas Spring	115



CONCEALED HINGES



Hanma M2.0 105°
soft close concealed
hinge- fixed plate P26-27



Hannu 105°
soft close concealed
hinge - 3D P30-31



Hannu 105°
soft close concealed
hinge - Clip on P32-33



Hannu 105°
soft close concealed
hinge - fixed plate P34-35

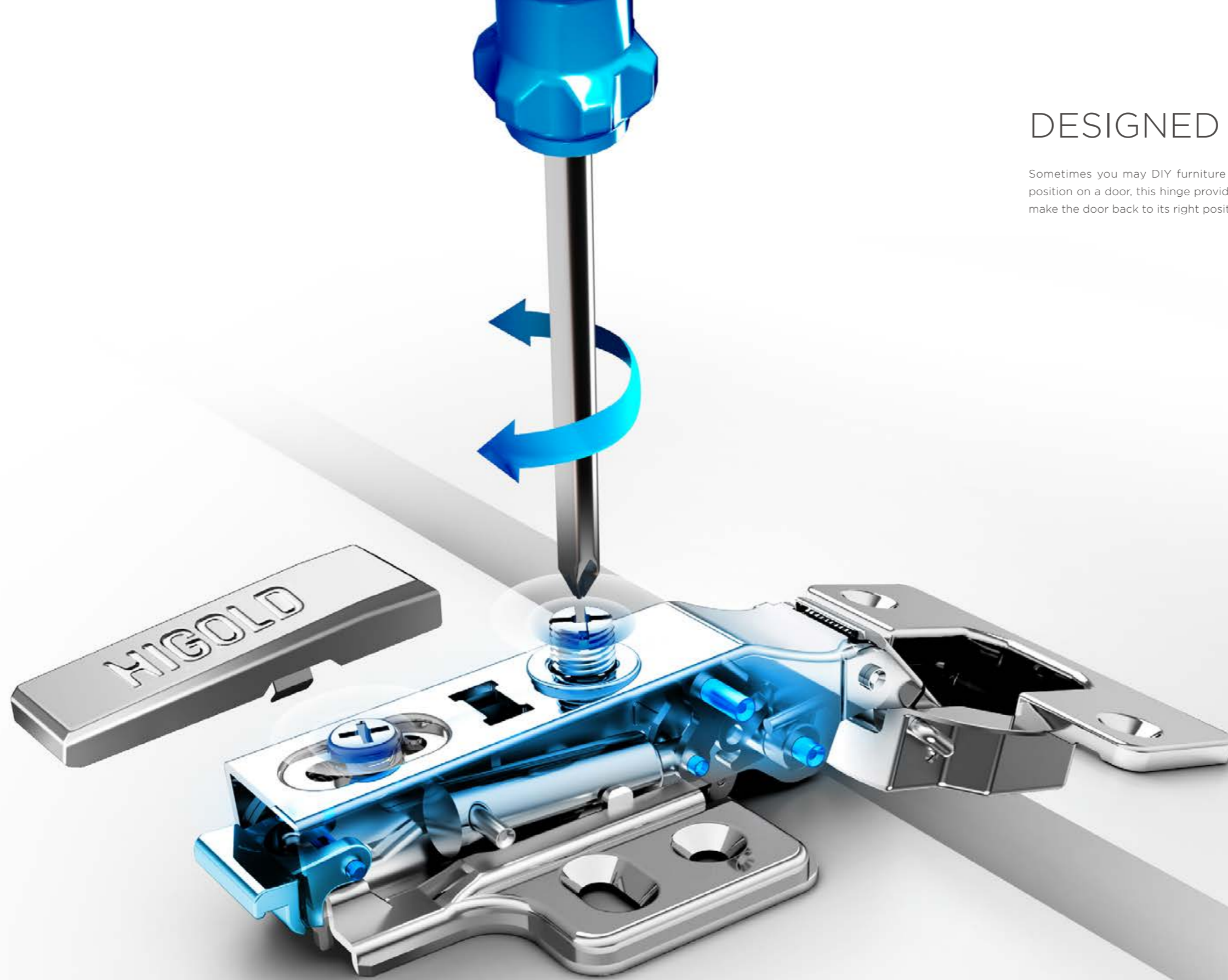


Hannu 105°
regular concealed
hinge -slide on P36-37



EASY INSTALLATION AND GREATER RANGE OF ADJUSTABLE

We are always on the way to making significantly high-quality products and trying to exceed a higher standard every moment.



DESIGNED FOR EASY USE

Sometimes you may DIY furniture or the drilled hole may offset from the correct position on a door, this hinge provides a much greater adjustment range that helps to make the door back to its right position.

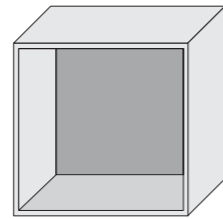
Hanma M2.0 105° soft close concealed hinge- fixed plate

- For door thickness 14-23mm
- Door opening 105°, fixed plate

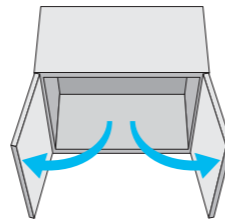


Cabinet Application

Frameless cabinet



Door open 105°



Features

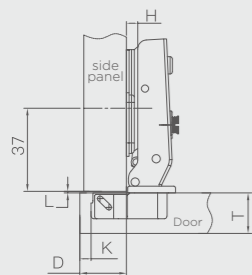
- Integrated Himotion silent system
- Compact structure, hinge with fixed plate, easy to assembly
- Economical and competitive
- Greater adjustment range than normal hinge

Specifications

- 105° opening angle
- Door thickness 14-23mm
- Ø35mm cup depth: 11.5mm
- Material: Steel, Nickel plated

Cabinet Construction And Overlay Table

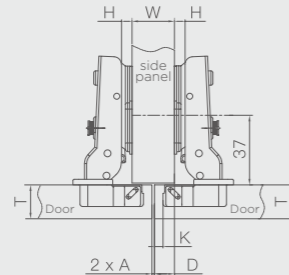
Full overlay



$$H=16+K-D$$

D	3	4	5	6	7	
H	0	19	20	21	22	23

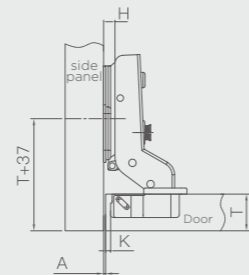
Half overlay



$$H=6+K-D$$

D	3	4	5	6	7	
H	0	9	10	11	12	13

Inset



$$H=-4+K+A$$

A	3	4	5	6	7	
H	0	1	0	-1	-2	-3

Overlay Table - Check Boring distance and mounting plate height

Full Overlay



Arm installation	Item No.
One way fixed plate	813151-H

Half Overlay



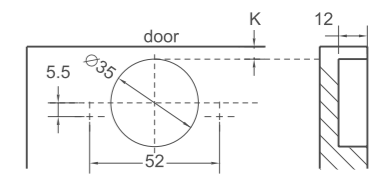
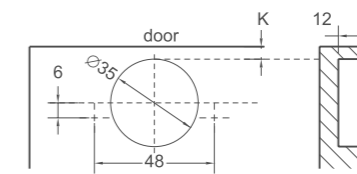
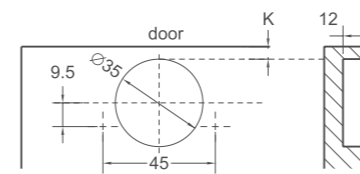
Arm installation	Item No.
One way fixed plate	813152-H

Inset

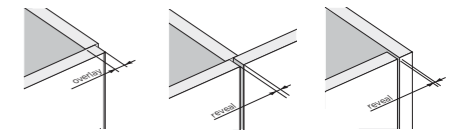
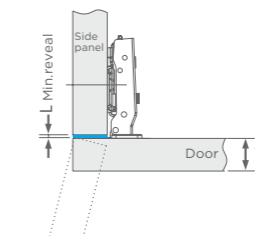
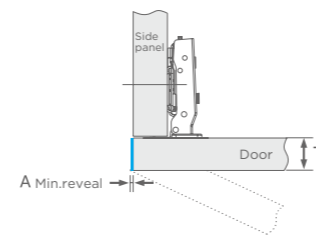


Arm installation	Item No.
One way fixed plate	813153-H

Boring Distance And Depth On Door



Minimum Reveal Table



Full overlay and inset

The minimum reveal should be left on the sides to ensure that the door opens properly. It depends on the boring distance K, the door thickness and the type of hinge chosen. A larger radius or profile door will change the minimum reveal required.

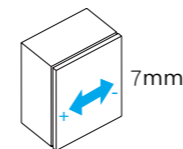
Partial door

To determine the min reveal between the two doors, the min reveal required for a single door from the table and multiplied by 2.

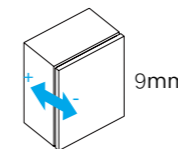
A	T	15	16	17	18	19	20	21	22
3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	
4	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5	
5	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4	
6	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4	

L	T	15	16	17	18	19	20	21	22
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
5	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	
6	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	

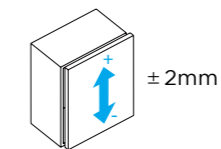
Door Adjustment



Side adjustment
Rotate front screw on arm to increase or decrease door overlay



Depth adjustment
Rotate rear screw to adjust the door gap



Height adjustment
Rotate cam or screw on mounting plate to adjust door height

Notice

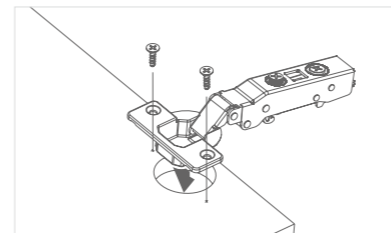
The reference adjustment range is the product design range, the actual size of the cabinet and the drilling method may have a certain impact on the parameters.

Abbreviations

D	Door overlay	mm
H	Mounting plate height	mm
K	Cup distance to door edge	mm
W	Side panel width	mm
T	Door thickness	mm
A	Minimum reveal	mm
L	Gap between door and panel	mm

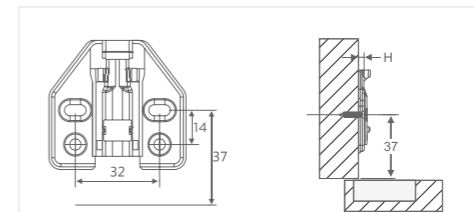
Hinge Installation And Accessories

Screw on

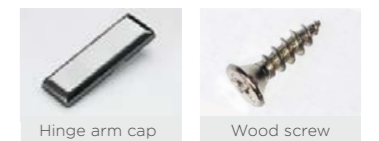


- M4*16 wood screw

Mounting plate Screw on



- M4x16 wood screw
- Drilling space 32mm
- To side panel edge 37mm
- Adjustment range ±2mm



* The cover shape according to the hinge body shape.

HIMOTION SLOW CLOSE

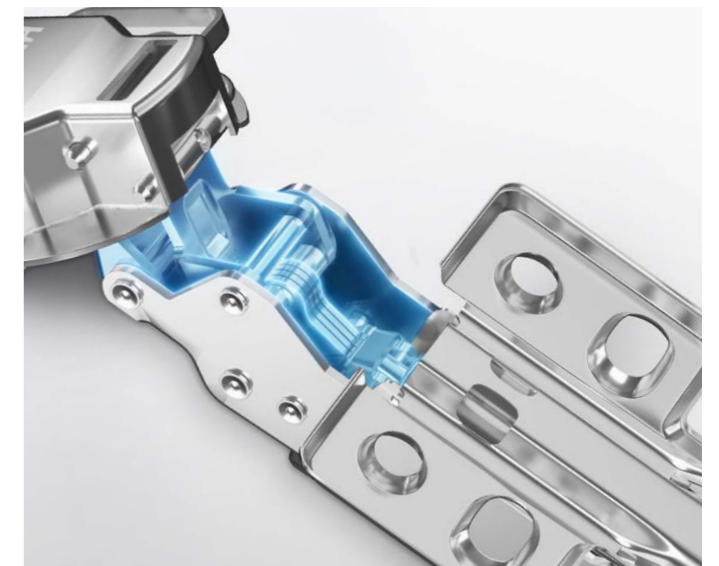
There is always a good solution for your cabinets from HIGOLD, our concealed behind the door and accompanying your life every day. The durable HIMOTION soft-close system passed EN15570 LEVEL 2 test.



Our hinge provides the perfect motion to the cabinet door. Enjoy every moment of quiet with our hinge in your home.



You cannot feel it exist, that's what CONCEALED real meaning.



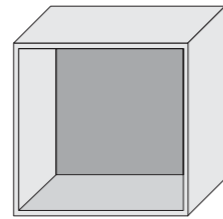
Hannu 105° soft close concealed hinge - 3D

- For door thickness 14-22mm
- Door opening 105°, Clip on 3D adjustment

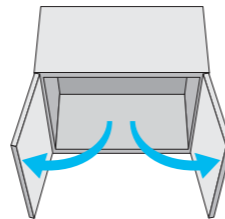


Cabinet Application

Frameless cabinet



Door open 105°



Features

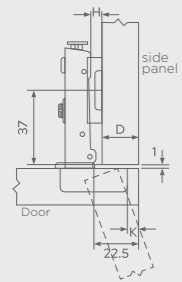
- Quality classification under EN15570, Level 2
- Integrated Himotion silent system
- Easy clip on and tool-free door to cabinet assembly and removal
- 3-dimensional(6 way) adjustment (with cam plate)

Specifications

- 105° opening angle
- Door thickness 14-22mm
- Ø35mm cup depth: 11.5mm
- Material: Steel, Nickel plated
- Cam screw adjustable

Cabinet Construction And Overlay Table

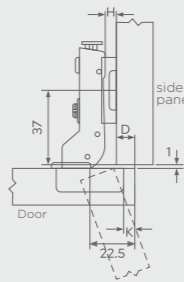
Full overlay



$$H=14+K-D$$

D/K	3	4	5	6	7
0	17	18	19	20	21
2	15	16	17	18	19

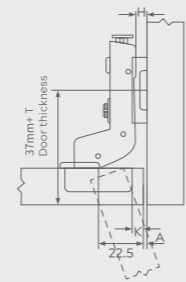
Half overlay



$$H=5+K-D$$

D/K	3	4	5	6	7
0	8	9	10	11	12
2	6	7	8	9	10

Inset



$$H=-6+K+A$$

A/K	3	4	5	6	7
0	2	1	0	-1	-2
2	4	3	2	1	0

Overlay Table - Check Boring distance and mounting plate height

Full Overlay

Arm installation	Item No.
ONE WAY CLIP-ON CAM ADJUST	813031

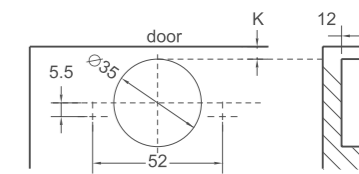
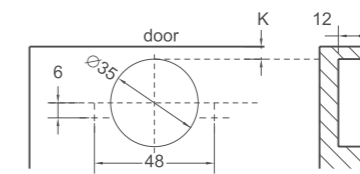
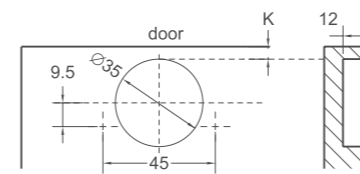
Half Overlay

Arm installation	Item No.
ONE WAY CLIP-ON CAM ADJUST	813032

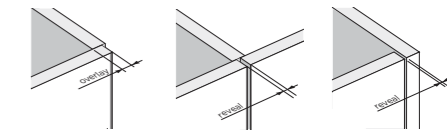
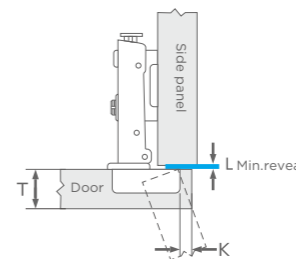
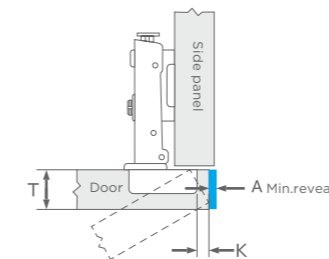
Inset

Arm installation	Item No.
ONE WAY CLIP-ON CAM ADJUST	813033

Boring Distance And Depth On Door



Minimum Reveal Table



Full overlay and inset

The minimum reveal should be left on the sides to ensure that the door opens properly. It depends on the boring distance K, the door thickness and the type of hinge chosen. A larger radius or profile door will change the minimum reveal required.

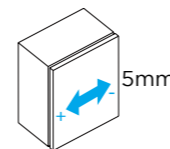
A/K	15	16	17	18	19	20	21	22
3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6
4	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5
5	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4
6	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4

L/K	15	16	17	18	19	20	21	22
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
5	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0
6	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0

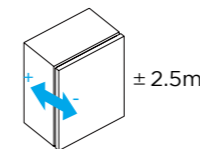
Partial door

To determine the min reveal between the two doors, the min reveal required for a single door from the table and multiplied by 2.

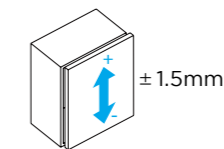
Door Adjustment



Side adjustment
Rotate front screw on arm to increase or decrease door overlay



Depth adjustment
Rotate rear screw to adjust the door gap



Height adjustment
Rotate cam or screw on mounting plate to adjust door height

Notice

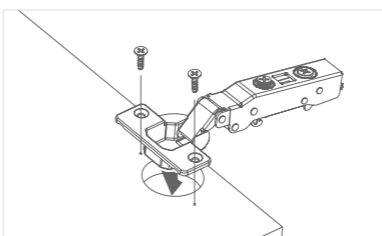
The reference adjustment range is the product design range, the actual size of the cabinet and the drilling method may have a certain impact on the parameters.

Abbreviations

D	Door overlay	mm
H	Mounting plate height	mm
K	Cup distance to door edge	mm
W	Side panel width	mm
T	Door thickness	mm
A	Minimum reveal	mm
L	Gap between door and panel	mm

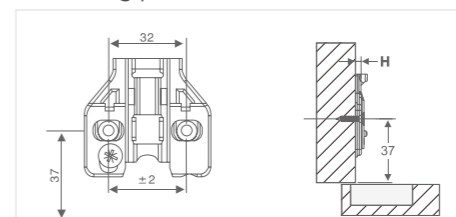
Hinge Installation And Accessories

Screw on

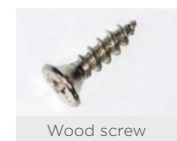


- M4*16 wood screw

Mounting plate Screw on



- M4x16 wood screw
- Drilling space 32mm
- To side panel edge 37mm
- Adjustment range ±1.5mm



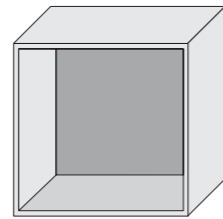
Hannu 105° regular concealed hinge - Clip on

- For door thickness 14-22mm
- Door opening 105°, Clip on

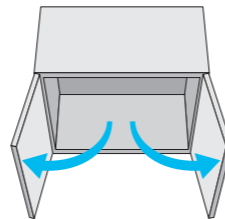


Cabinet Application

Frameless cabinet



Door open 105°



Features

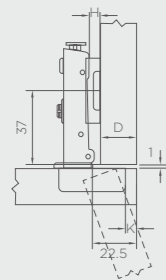
- Integrated Himotion silent system
- Easy clip on and tool-free door to cabinet assembly and removal
- Economical and competitive

Specifications

- 105 ° opening angle
- Door thickness 14-22mm
- Ø35mm cup depth: 11.5mm
- Material: Steel, Nickel plated

Cabinet Construction And Overlay Table

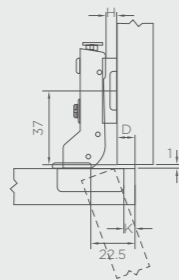
Full overlay



$$H=14+K-D$$

D	3	4	5	6	7
0	16	17	18	19	20
2	14	15	16	17	18

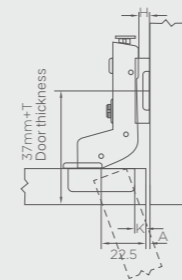
Half overlay



$$H=5+K-D$$

D	3	4	5	6	7
0	10	11	12	13	14
2	8	9	10	11	12

Inset



$$H=-5+K+A$$

A	3	4	5	6	7
0	1	0	-1	-2	-3
2	3	2	1	0	-1

Overlay Table - Check Boring distance and mounting plate height

Full Overlay



Arm installation	Item No.
ONE WAY CLIP-ON	813214

Half Overlay



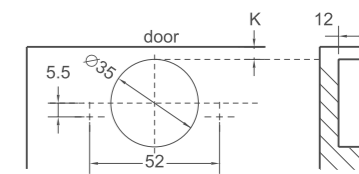
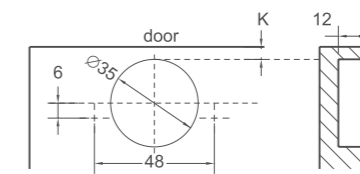
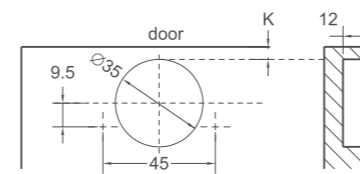
Arm installation	Item No.
ONE WAY CLIP-ON	813215

Inset

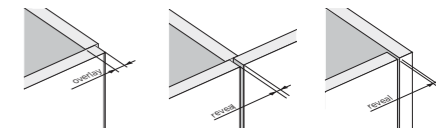
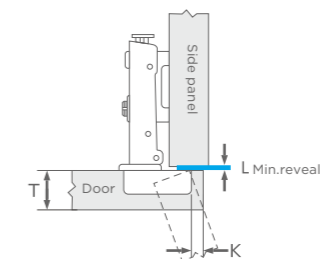
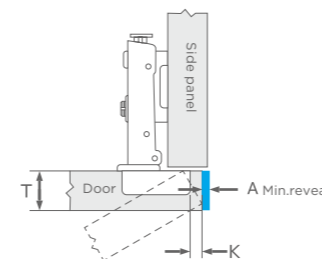


Arm installation	Item No.
ONE WAY CLIP-ON	813216

Boring Distance And Depth On Door



Minimum Reveal Table



Full overlay and inset

The minimum reveal should be left on the sides to ensure that the door opens properly. It depends on the boring distance K, the door thickness and the type of hinge chosen. A larger radius or profile door will change the minimum reveal required.

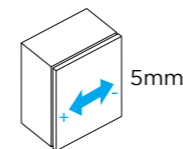
Partial door

To determine the min reveal between the two doors, the min reveal required for a single door from the table and multiplied by 2.

A	K	T	15	16	17	18	19	20	21	22
3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6		
4	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5		
5	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4		
6	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4		

L	K	T	15	16	17	18	19	20	21	22
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
5	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0		
6	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0		

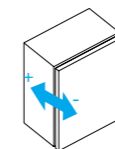
Door Adjustment



5mm

Side adjustment

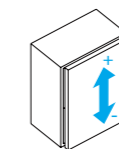
Rotate front screw on arm to increase or decrease door overlay



±2.5mm

Depth adjustment

Rotate rear screw to adjust the door gap



±1.5mm

Height adjustment

Rotate cam or screw on mounting plate to adjust door height

Notice

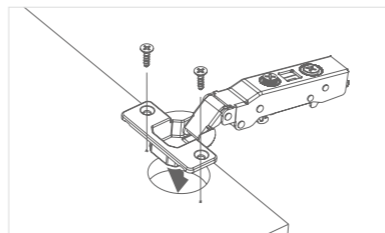
The reference adjustment range is the product design range, the actual size of the cabinet and the drilling method may have a certain impact on the parameters.

Abbreviations

D	Door overlay	mm
H	Mounting plate height	mm
K	Cup distance to door edge	mm
W	Side panel width	mm
T	Door thickness	mm
A	Minimum reveal	mm
L	Gap between door and panel	mm

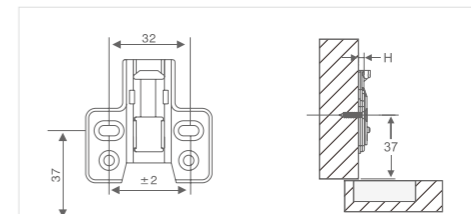
Hinge Installation And Accessories

Screw on



- M4*16 wood screw

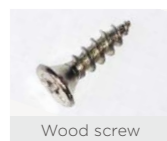
Mounting plate Screw on



- M4x16 wood screw
- Drilling space 32mm
- To side panel edge 37mm
- Adjustment range ±1.5mm



Hinge arm cap



Wood screw

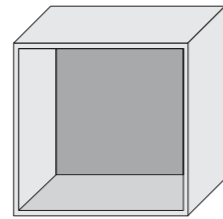
Hannu 105° soft close concealed hinge - fixed plate

- For door thickness 14-22mm
- Door opening 105°, fixed plate

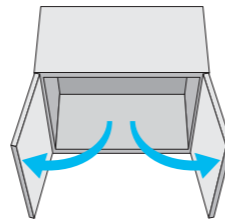


Cabinet Application

Frameless cabinet



Door open 105°



Features

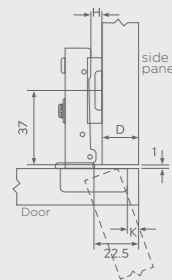
- Integrated Himotion silent system
- Compact structure, hinge with fixed plate, easy to assembly
- Economical and competitive

Specifications

- 105 ° opening angle
- Door thickness 14-22mm
- Ø35mm cup depth: 11.5mm
- Material: Steel, Nickel plated

Cabinet Construction And Overlay Table

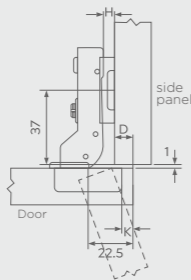
Full overlay



$$H=14+K-D$$

D	3	4	5	6	7
0	19	20	21	22	23
2	17	18	19	20	21

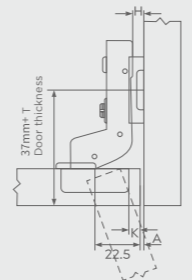
Half overlay



$$H=5+K-D$$

D	3	4	5	6	7
0	10	11	12	13	14
2	8	9	10	11	12

Inset



$$H=-6+K+A$$

A	3	4	5	6	7
0	0	-1	-2	-3	-4
2	2	1	0	-1	-2

Overlay Table - Check Boring distance and mounting plate height

Full Overlay

Arm installation	Item No.
One way fixed plate	813241

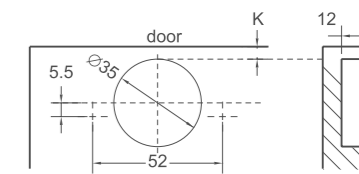
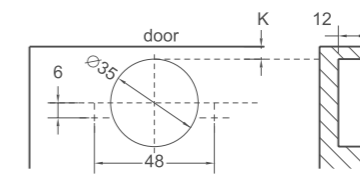
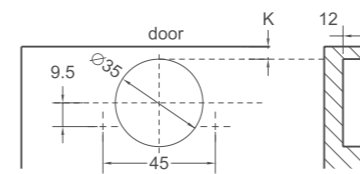
Half Overlay

Arm installation	Item No.
One way fixed plate	813242

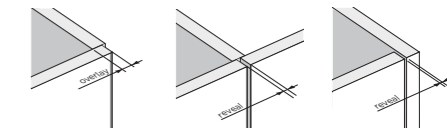
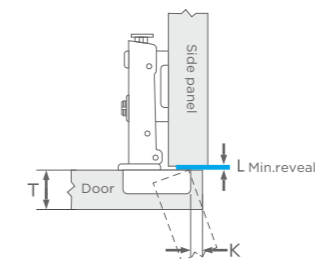
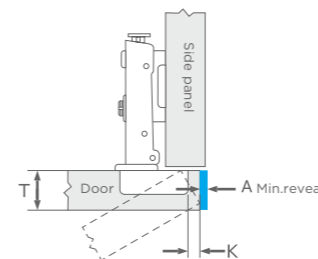
Inset

Arm installation	Item No.
One way fixed plate	813243

Boring Distance And Depth On Door



Minimum reveal table



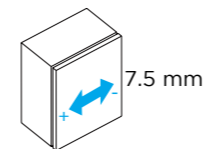
Full overlay and inset

The minimum reveal should be left on the sides to ensure that the door opens properly. It depends on the boring distance K, the door thickness and the type of hinge chosen. A larger radius or profile door will change the minimum reveal required.

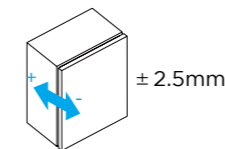
Partial door

To determine the min reveal between the two doors, the min reveal required for a single door from the table and multiplied by 2.

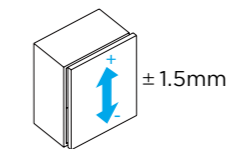
Door Adjustment



Side adjustment
Rotate front screw on arm to increase or decrease door overlay



Depth adjustment
Rotate rear screw to adjust the door gap



Height adjustment
Rotate cam or screw on mounting plate to adjust door height

Notice

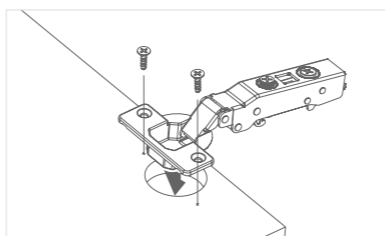
The reference adjustment range is the product design range, the actual size of the cabinet and the drilling method may have a certain impact on the parameters.

Abbreviations

D	Door overlay	mm
H	Mounting plate height	mm
K	Cup distance to door edge	mm
W	Side panel width	mm
T	Door thickness	mm
A	Minimum reveal	mm
L	Gap between door and panel	mm

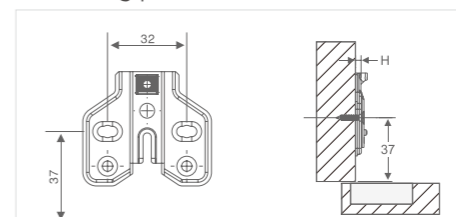
Hinge Installation And Accessories

Screw on

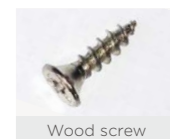


- M4*16 wood screw

Mounting plate Screw on



- M4x16 wood screw
- Drilling space 32mm
- To side panel edge 37mm
- Adjustment range ±1.5mm



Hinge arm cap

Wood screw

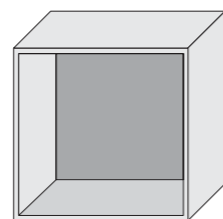
Hannu 105° regular concealed hinge -slide on

- For door thickness 14-22mm
- Door opening 105°, Slide on

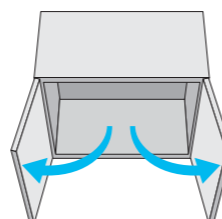


Cabinet Application

Frameless cabinet



Door open 105°



Features

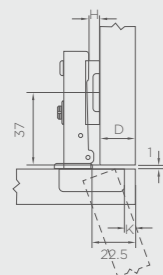
- Traditional slide on structure, easy to assembly
- Economical and competitive

Specifications

- 105 ° opening angle
- Door thickness 14-22mm
- Ø35mm cup depth: 11.5mm
- Material: Steel, Nickel plated

Cabinet Construction And Overlay Table

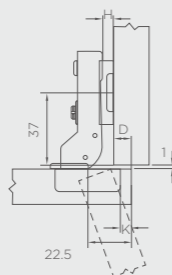
Full overlay



$H=14+K-D$

D	3	4	5	6	7
0	17	18	19	20	21
2	15	16	17	18	19
4	13	14	15	16	17

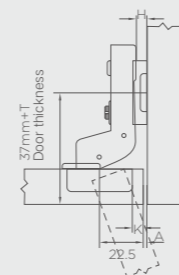
Half overlay



$H=5+K-D$

D	3	4	5	6	7
0	8	9	10	11	12
2	6	7	8	9	10
4	4	5	6	7	8

Inset



$H=-2+K+A$

A	3	4	5	6	7
0	0	-1	-2	-3	-4
2	2	1	0	-1	-2
4	4	3	2	1	0

Overlay Table - Check Boring distance and mounting plate height

Full Overlay



Arm installation	Item No.
Two way slide on	813391

Half Overlay



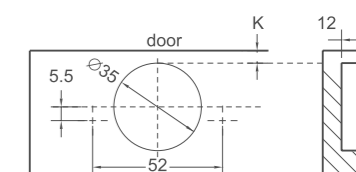
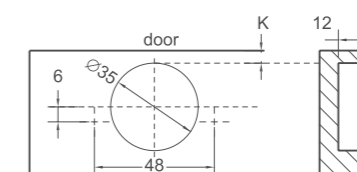
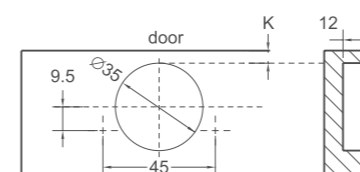
Arm installation	Item No.
Two way slide on	813392

Inset

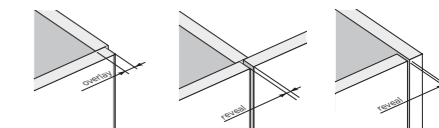
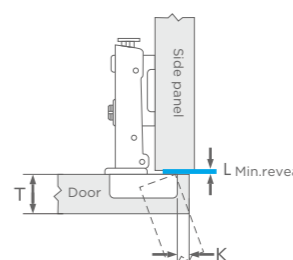
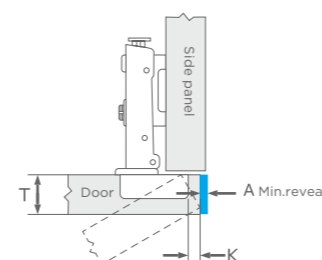


Arm installation	Item No.
Two way slide on	813393

Boring Distance And Depth On Door



Minimum Reveal Table



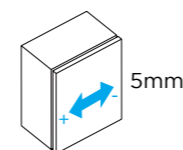
Full overlay and inset

The minimum reveal should be left on the sides to ensure that the door opens properly. It depends on the boring distance K, the door thickness and the type of hinge chosen. A larger radius or profile door will change the minimum reveal required.

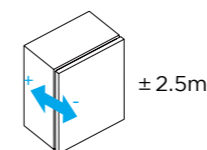
Partial door

To determine the min reveal between the two doors, the min reveal required for a single door from the table and multiplied by 2.

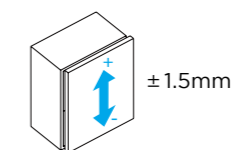
Door Adjustment



Side adjustment
Rotate front screw on arm to increase or decrease door overlay



Depth adjustment
Rotate rear screw to adjust the door gap



Height adjustment
Rotate cam or screw on mounting plate to adjust door height

Notice

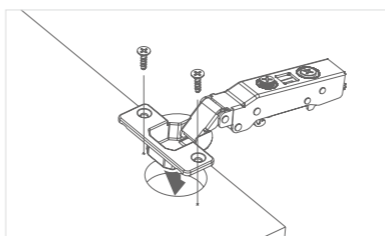
The reference adjustment range is the product design range, the actual size of the cabinet and the drilling method may have a certain impact on the parameters.

ABBREVIATIONS

D	Door overlay	mm
H	Mounting plate height	mm
K	Cup distance to door edge	mm
W	Side panel width	mm
T	Door thickness	mm
A	Minimum reveal	mm
L	Gap between door and panel	mm

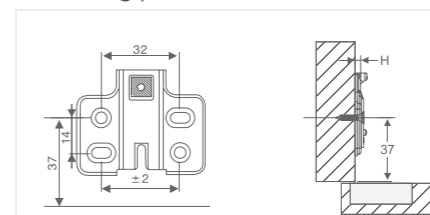
Hinge Installation And Accessories

Screw on

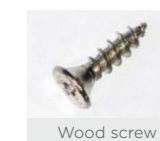


- M4*16 wood screw

Mounting plate Screw on



- M4x16 wood screw
- Drilling space 32mm
- To side panel edge 37mm
- Adjustment range ±2mm



Wood screw



BALL BEARING DRAWER SLIDES



HIGOLD Full Extension
45mm Soft Close Ball
Bearing Drawer Slides P44-45



HIGOLD Full Extension
45mm Regular Ball
Bearing Drawer Slides P46-47



HIGOLD B series Full
Extension 45mm Soft Close
Ball Bearing Drawer Slides P48-49



HIGOLD B series Full
Extension 45mm Regular
Ball Bearing Drawer Slides P50-51

UNDER-MOUNT DRAWER SLIDES



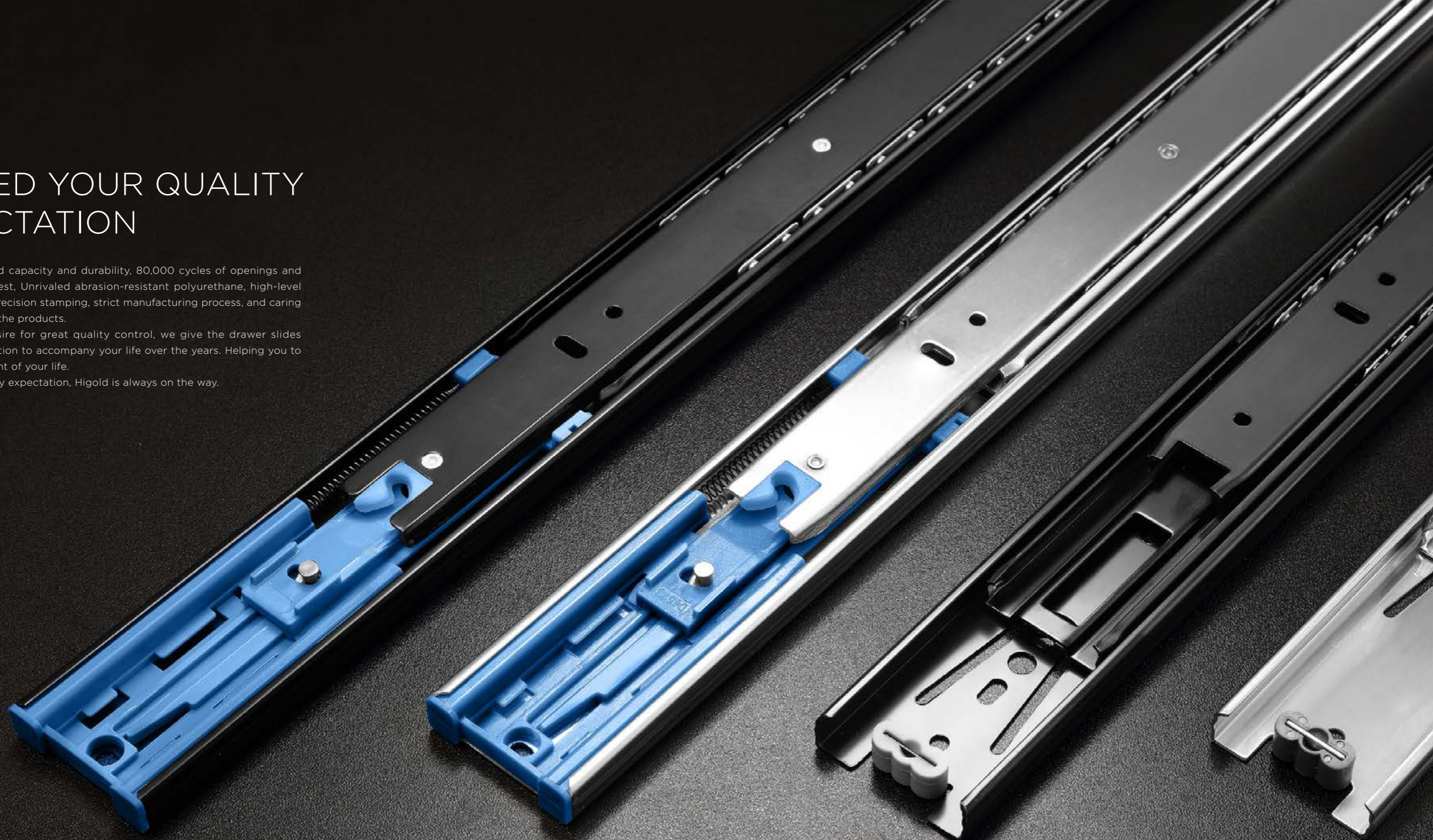
HIGOLD full extension
concealed soft close drawer
slides-16mm panel P56-57

EXCEED YOUR QUALITY EXPECTATION

With excellent load capacity and durability, 80,000 cycles of openings and closings loading test, Unrivaled abrasion-resistant polyurethane, high-level cold rolled steel, Precision stamping, strict manufacturing process, and caring for every detail of the products.

With a strong desire for great quality control, we give the drawer slides extraordinary function to accompany your life over the years. Helping you to enjoy every moment of your life.

Exceed your quality expectation, Higold is always on the way.





The internal runner adopts 2 hooks reset structure, which can prevent the drawer drop and save itself in advance, and can be used stably without decoupling even when the rail is inclined or tilted up by 2mm.



The unique design of the internal ball frame structure has good balance so that the drawer is not easy to sag when the drawer is opened to the maximum; the high hardness top-quality steel balls can run smoothly on the robust, resilient precision runners with optimum control - for perfect vertical and lateral stability. With long life and constant top performance.



ENJOY THE QUIETLY SMOOTH-RUNNING ACTION

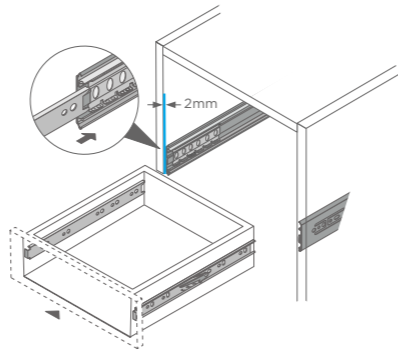
It's never been easy to make a smooth-running action for slides, we add value to furniture drawer through extreme movement experience. Dual-spring design combined with an integrated HIMOTION silent system makes the drawer lightly open and close softly and quietly. Also, provide a more durable lifetime on products.

HIGOLD Soft Close Ball Bearing Slide

- Full extension slide with Silent System for side installation
- Load capacity 35 kg



Drawer Application



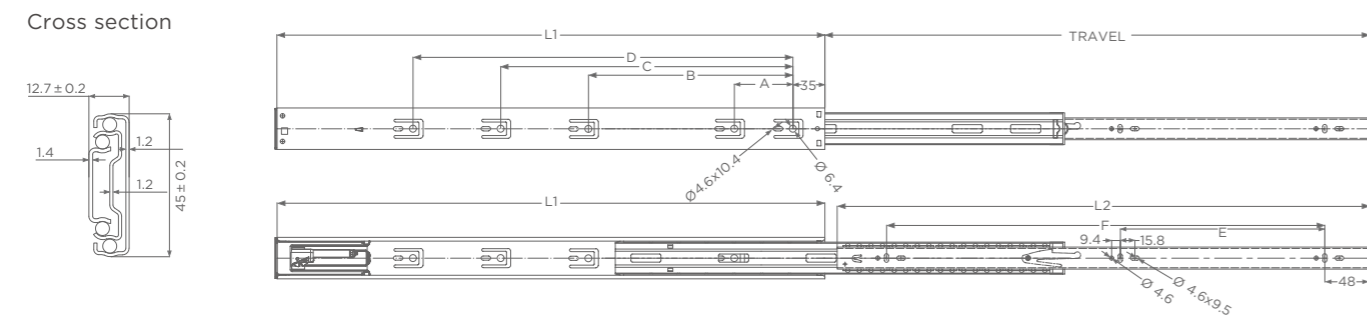
Features

- Himotion- the integrated durable Silent System closes the drawer quietly, with light opening force
- Quick-release lever making the drawer easy to remove and refit.
- Precision control for silky-smooth running action and high lateral stability
- Guaranteed 50,000 life cycles under proper installation and normal usage

Specifications

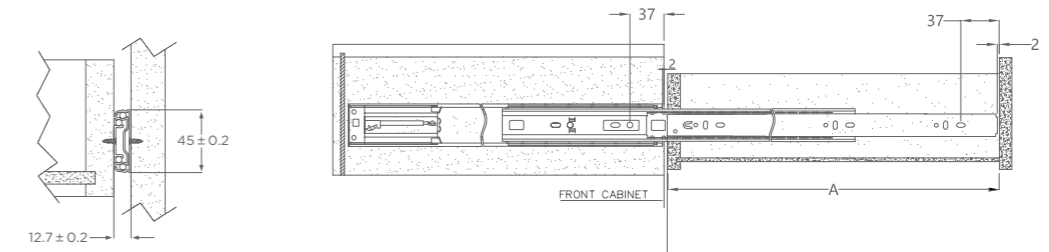
- Configuration: Side-Mount
- Max. Drawer Loading: 35kg (77lb)/pair*
- Level of travel: Full extension
- Length: 250mm to 600mm (10" to 24")
- Side Space: 13.0mm (+0.5mm / -0.3mm)
- Slide Height: 45mm (1.80")
- Disconnect: Lever Disconnect
- Available Finish: Clear Zinc or Black
- * Note: Max. load based on 450mm(18") slides

Dimensions And Specifications



Item No.		Norminal Length	Slide	Travel mm	Hole Positions (mm)					
Clear Zinc	Black	L1 mm(Inch)	L2 mm		A	B	C	D	E	F
815201	815301	250 (10')	232	168	64	/	/	/	128	/
815202	815302	300 (12')	282	275	64	128	/	/	96	192
815203	815303	350 (14')	332	325	64	192	/	/	128	241
815204	815304	400 (16')	382	400	64	224	/	/	160	288
815205	815305	450 (18')	432	450	64	224	288	/	160	320
815206	815306	500 (20')	482	500	64	224	320	/	192	384
815207	815307	550 (22')	532	550	64	224	384	/	192	416
815208	815308	600 (24')	582	600	64	224	352	416	224	480

Space Requirement- Side Length Of Cabinet



Drawer front panel OVERLAY installation

KL=NL+10

NL

37

Push open (4mm)

Z=2mm

- Cabinet edge to hole 37mm
- NL = Drawer length
- KL = Min. cabinet depth
- Z = 2mm space to cabinet edge

Drawer front panel INSET installation

KL=NL+10=X

NL

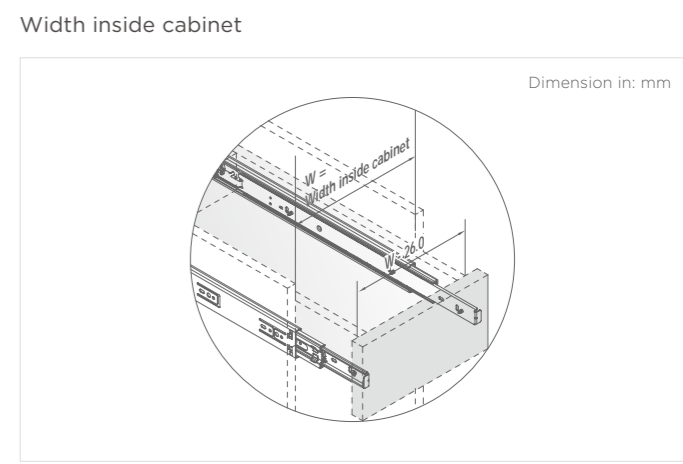
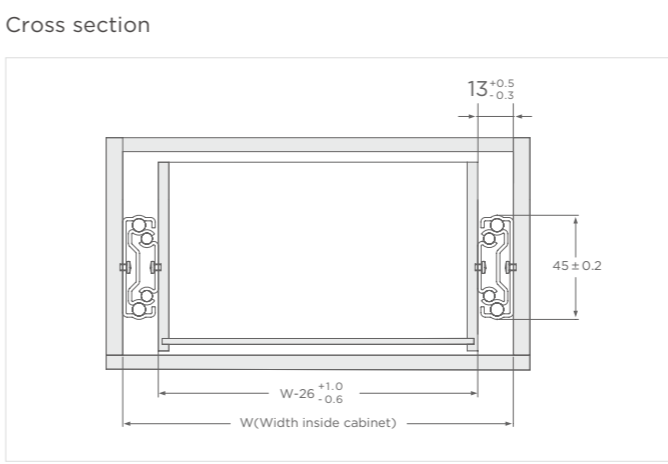
37

Push open (4mm)

Z=X+(0-2mm)

- Cabinet edge to hole 37mm+ X
- NL = Drawer length
- KL = Min. cabinet depth
- X = Drawer panel thickness

Space Requirement- Cross Section



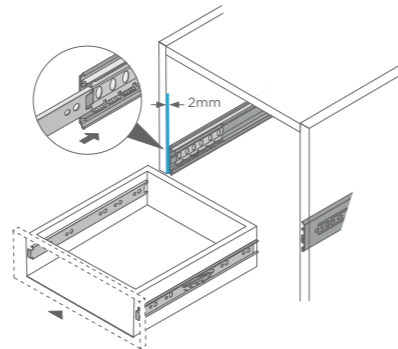
Important space required:
 Drawer width = Cabinet internal width (W) minus 26^{+1.0}/_{-0.6} mm
 Ex. if the internal cabinet width is 600mm, then the drawer width should be 574^{+0.6}/_{-1.0} mm

HIGOLD Regular Ball Bearing Slide

- Full extension slide for side installation
- Load capacity 45 kg



Drawer Application



Features

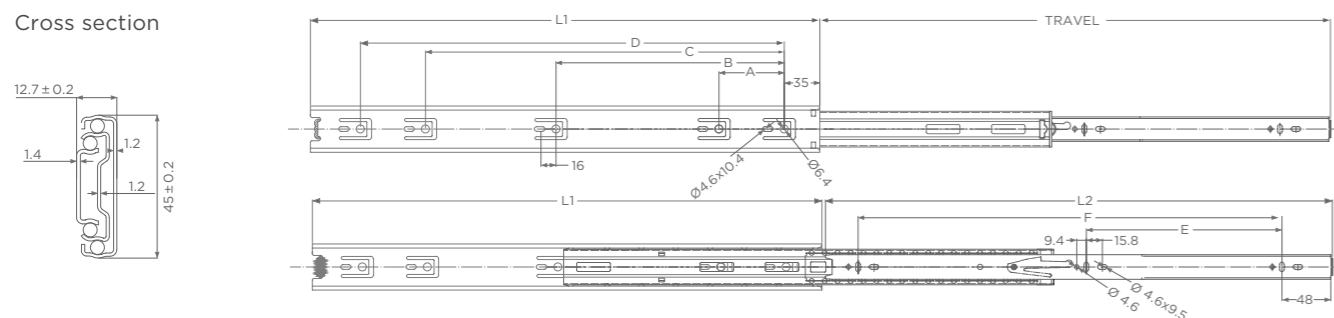
- Quick-release lever making the drawer easy to remove and refit.
- Precision control for silky-smooth running action and high lateral stability.
- Guaranteed 50,000 life cycles under proper installation and normal usage.

Specifications

- Configuration: Side-Mount
- Max. Drawer Loading: 45kg (100lb)/pair*
- Level of travel: Full extension
- Length: 250mm to 600mm (10" to 24")
- Side Space: 13.0mm (+0.5mm / -0.3mm)
- Slide Height: 45mm (1.80")
- Disconnect: Lever Disconnect
- Available Finish: Clear Zinc or Black
- * Note: Max. load based on 450mm(18") slides

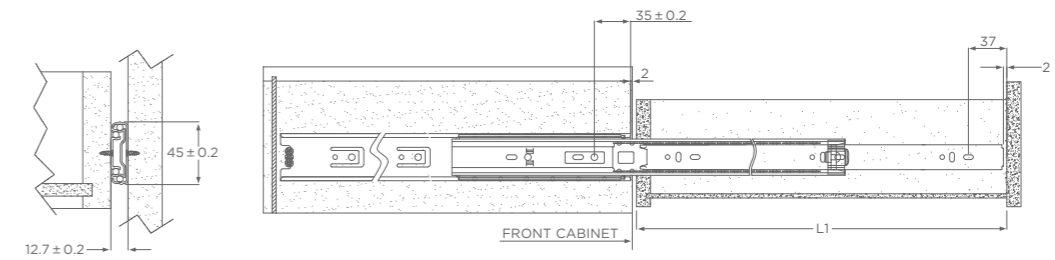
Dimensions And Specifications

Cross section

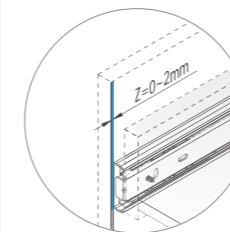
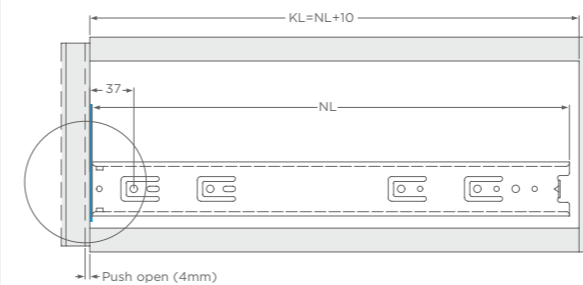


Item No.		Norminal Length	Slide	Travel mm	Hole Positions (mm)					
Clear Zinc	Black	L1 mm(Inch)	L2 mm		A	B	C	D	E	F
815001	815101	250 (10')	246	250	64	148	/	/	176	/
815002	815102	300 (12')	296	300	64	224	/	/	96	128
815003	815103	350 (14')	346	350	64	224	/	/	128	128
815004	815104	400 (16')	396	400	64	224	288	/	160	160
815005	815105	450 (18')	446	450	64	224	352	/	160	192
815006	815106	500 (20')	496	500	64	224	352	416	192	224
815007	815107	550 (22')	546	550	64	224	352	416	224	224
815008	815108	600 (24')	596	600	64	224	352	480	256	256

Space Requirement- Side Length Of Cabinet

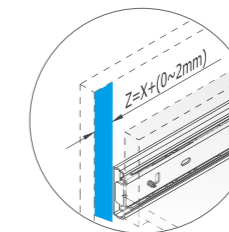
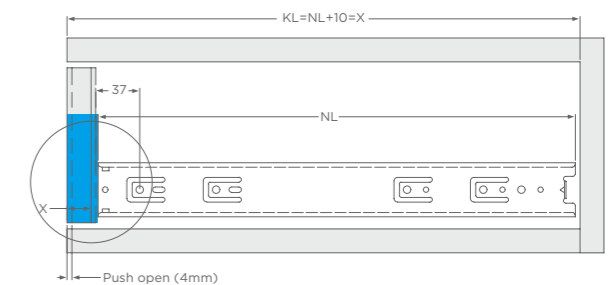


Drawer front panel OVERLAY installation



- Cabinet edge to hole 37mm
- NL = Drawer length
- KL = Min. cabinet depth
- Z = 2mm space to cabinet edge

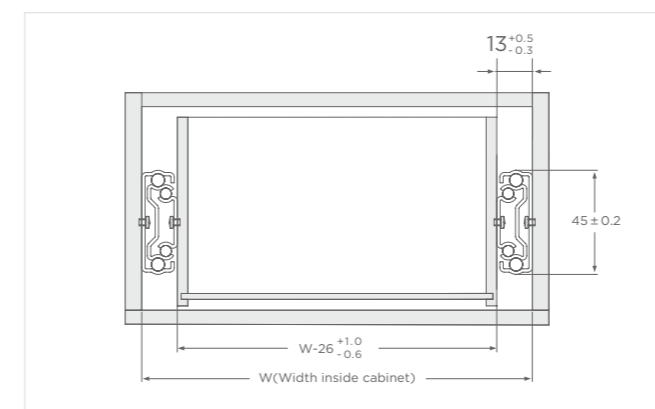
Drawer front panel INSET installation



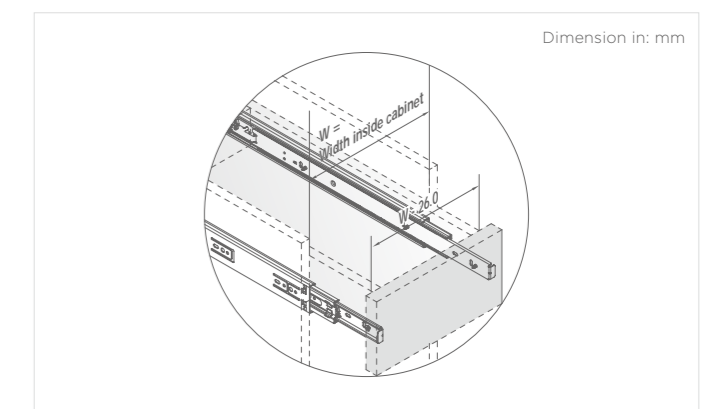
- Cabinet edge to hole 37mm+ X
- NL = Drawer length
- KL = Min. cabinet depth
- X = Drawer panel thickness

Space Requirement- Cross Section

Cross section



Width inside cabinet



Important space required:

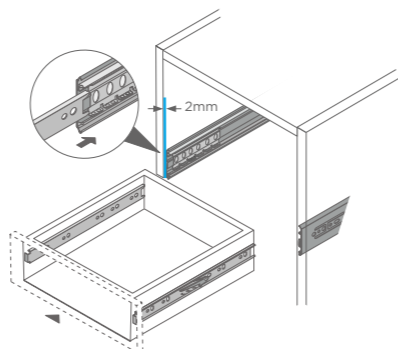
Drawer width = Cabinet internal width (W) minus 26^{+1.0}/_{-0.6} mm
 Ex. if the internal cabinet width is 600mm, then the drawer width should be 574^{+0.6}/_{-1.0} mm

HIGOLD B series Soft Close Ball Bearing Drawer Slides

- Full extension slide for side installation
- Load capacity 25 kg



Drawer Application



Features

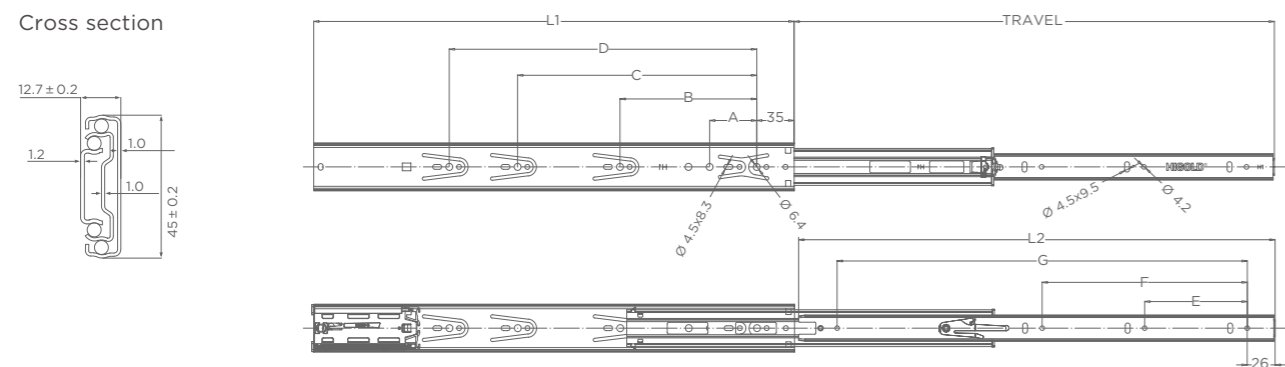
- Himotion- the integrated durable Silent System closes the drawer quietly, with light opening force
- Quick-release lever making the drawer easy to remove and refit.
- Precision control for silky-smooth running action and high lateral stability
- Guaranteed 50,000 life cycles under proper installation and normal usage

Specifications

- Configuration: Side-Mount
- Max. Drawer Loading: 25kg (55lb)/pair*
- Level of travel: Full extension
- Length: 250mm to 500mm (10" to 20")
- Side Space: 13.0mm (+0.5mm / -0.3mm)
- Slide Height: 45mm (1.80")
- Disconnect: Lever Disconnect
- Available Finish: Clear Zinc or Black
- * Note: Max. load based on 450mm(18") slides

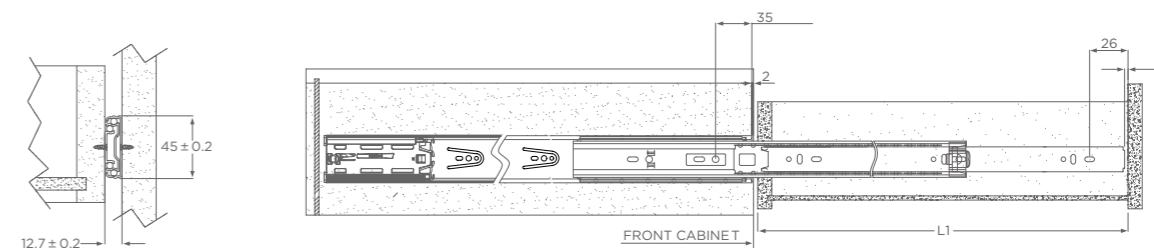
Dimensions And Specifications

Cross section

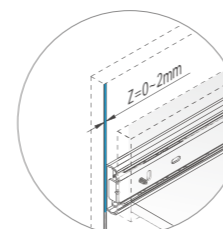
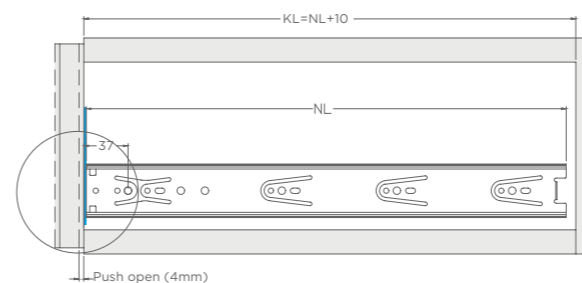


Item No.		Norminal Length	Slide	Travel mm	Hole Positions (mm)						
Clear Zinc	Black	L1 mm(Inch)	L2 mm		A	B	C	D	E	F	G
819201	819301	250 (10')	246	224	44	96	/	/	96	176	/
819202	819302	300 (12')	296	288	44	128	/	/	96	224	/
819203	819303	350 (14')	346	350	44	128	192	/	96	288	/
819204	819304	400 (16')	396	400	44	128	224	/	96	192	288
819205	819305	450 (18')	446	450	44	128	224	288	96	192	384
819206	819306	500 (20')	496	500	44	128	224	320	192	192	384

Space Requirement- Side Length Of Cabinet

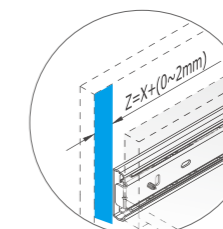
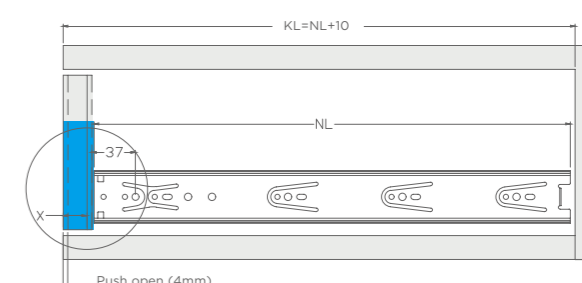


Drawer front panel OVERLAY installation



- Cabinet edge to hole 37mm
- NL = Drawer length
- KL = Min. cabinet depth
- Z = 2mm space to cabinet edge

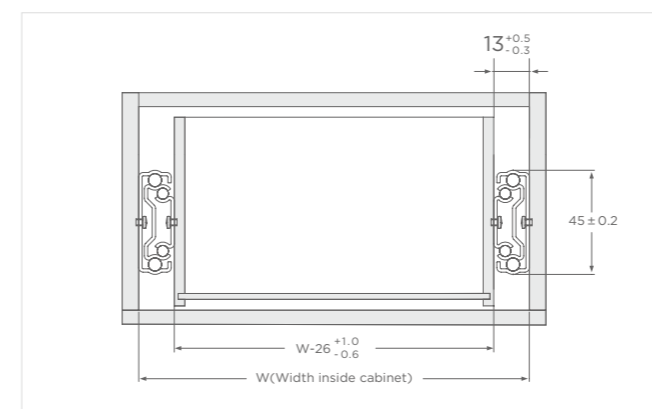
Drawer front panel INSET installation



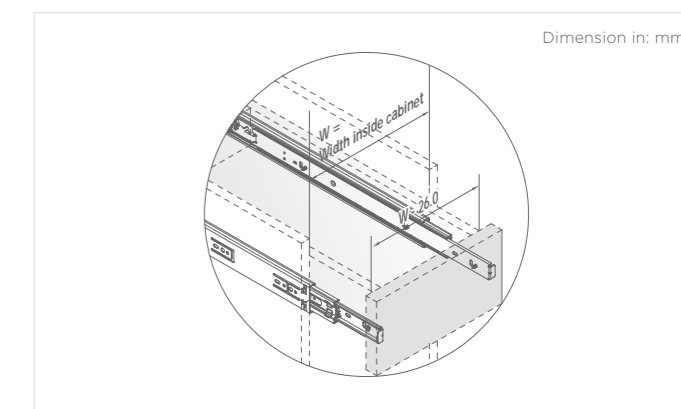
- Cabinet edge to hole 37mm+ X
- NL = Drawer length
- KL = Min. cabinet depth
- X = Drawer panel thickness

Space Requirement- Cross Section

Cross section



Width inside cabinet



Important space required:

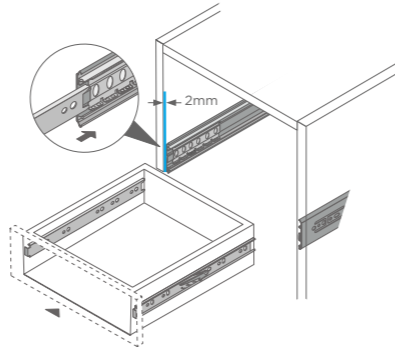
Drawer width = Cabinet internal width (W) minus 26^{+1.0}/_{-0.6} mm
 Ex. if the internal cabinet width is 600mm, then the drawer width should be 574^{+0.6}/_{-1.0} mm

HIGOLD B series Regular Ball Bearing Drawer Slides

- Full extension slide for side installation
- Load capacity 35 kg



Drawer Application



Features

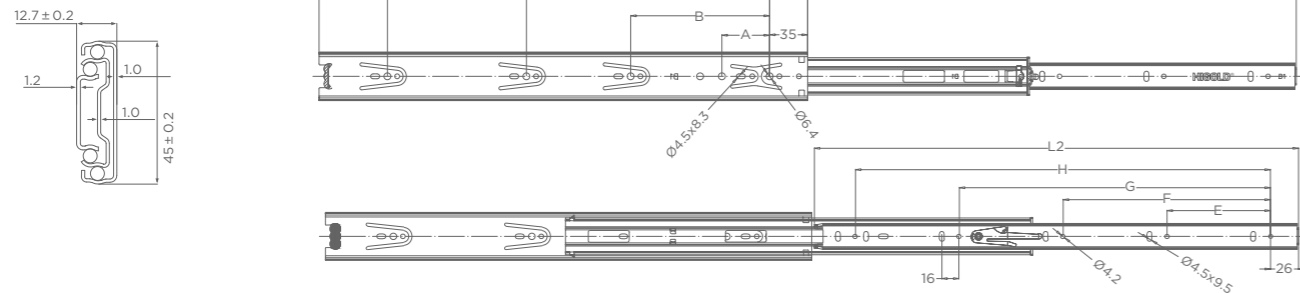
- Quick-release lever making the drawer easy to remove and refit.
- Precision control for silky-smooth running action and high lateral stability
- Guaranteed 50,000 life cycles under proper installation and normal usage

Specifications

- Configuration: Side-Mount
- Max. Drawer Loading: 35kg (77lb)/pair*
- Level of travel: Full extension
- Length: 250mm to 600mm (10" to 24")
- Side Space: 13.0mm (+0.5mm / -0.3mm)
- Slide Height: 45mm (1.80")
- Disconnect: Lever Disconnect
- Available Finish: Clear Zinc or Black
- * Note: Max. load based on 450mm(18") slides

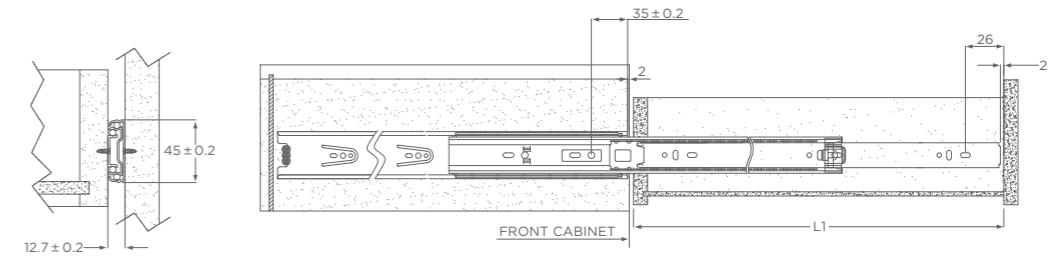
Dimensions And Specifications

Cross section

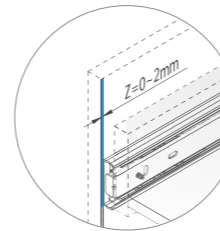
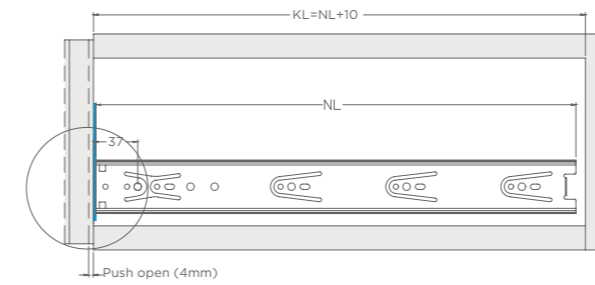


Item No.		Norminal Length	Slide	Travel mm	Hole Positions (mm)							
Clear Zinc	Black	L1 mm(Inch)	L2 mm		A	B	C	D	E	F	G	H
819001	819101	250 (10')	248	250	44	96	/	/	96	192	/	/
819002	819102	300 (12')	298	300	44	128	224	/	96	224	/	/
819003	819103	350 (14')	348	350	44	128	224	/	96	288	/	/
819004	819104	400 (16')	398	400	44	128	224	320	96	160	288	352
819005	819105	450 (18')	448	450	44	128	224	352	96	192	384	384
819006	819106	500 (20')	498	500	44	128	224	350	192	192	384	448

Space Requirement- Side Length Of Cabinet

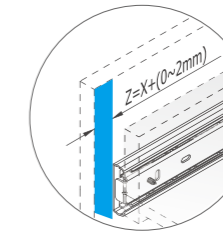
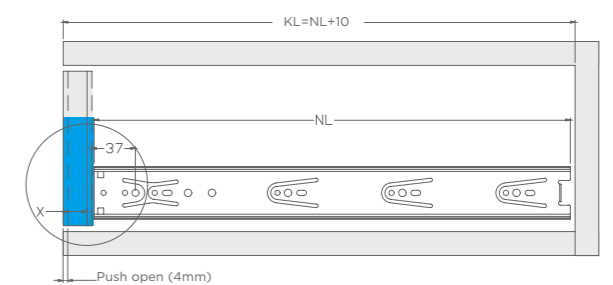


Drawer front panel OVERLAY installation



- Cabinet edge to hole 37mm
- NL = Drawer length
- KL = Min. cabinet depth
- Z = 2mm space to cabinet edge

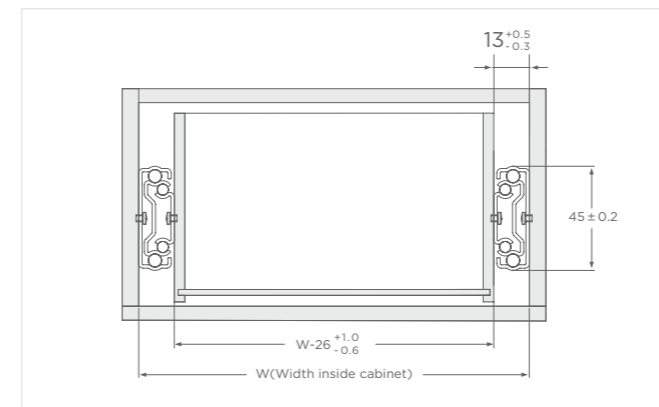
Drawer front panel INSET installation



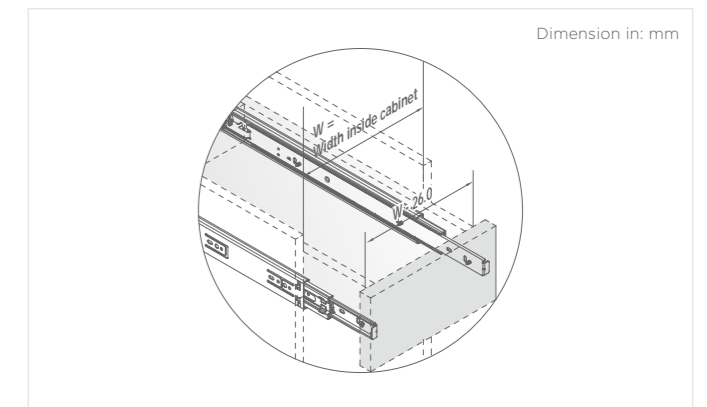
- Cabinet edge to hole 37mm+ X
- NL = Drawer length
- KL = Min. cabinet depth
- X = Drawer panel thickness

Space Requirement- Cross Section

Cross section



Width inside cabinet



Important space required:

Drawer width = Cabinet internal width (W) minus 26^{+1.0}_{-0.6} mm
 Ex. if the internal cabinet width is 600mm, then the drawer width should be 574^{+0.6}_{-1.0} mm



RELIABLE & SMOOTH

HIGOLD concealed full extension slides are available in a variety of sizes to meet the different design requirements of drawers. High precision slides and steel ball bearings provide the great performance of light smooth-running action, enhanced ease of use. once fit, you will forget.

CARRYING CAPACITY AND STABILITY

Precision stamping for the runner with high sturdy and strong structure, a dynamic carrying capacity of 35Kg is guaranteed with small sag values after 50,000 opening and closing cycles test.



Every time we make technological progress, it is for customers to live a more convenient life. Fast and easy drawer to cabinet assembly, quick and ease adjustment for front height.



Undermount drawer slide

- Concealed full extension undermount slide with silent system (for 16mm panel)
- Load capacity 35 kg



Specifications

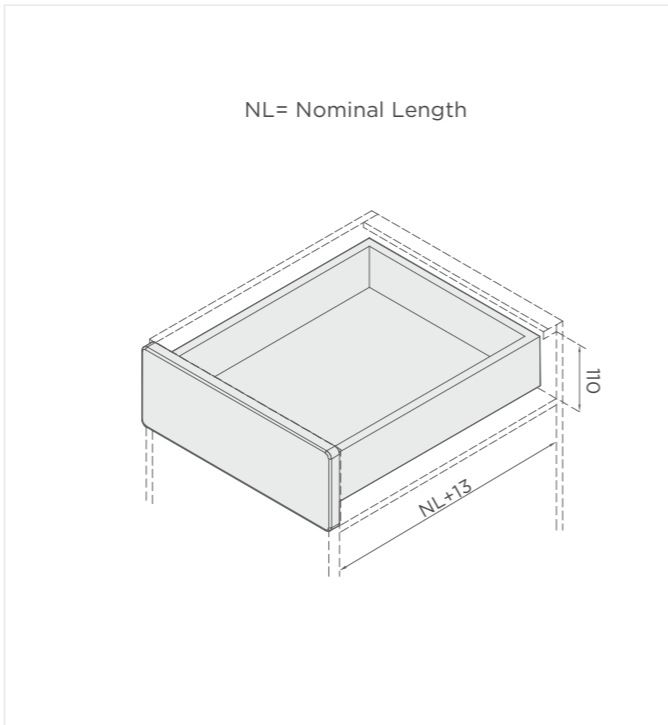
- Configuration: Under-Mount
- Dynamic Loading: 35kg*
- Level of travel: Full extension
- Length: 250mm to 550mm (10" to 22")
- Drawer side panel range: 16mm
- Disconnect: Locking device
- Height Adjustable: 0-3mm
- Finish: SGCC (Zinc color)
- * Note: Max. load based on 450mm(18") slides

Feature

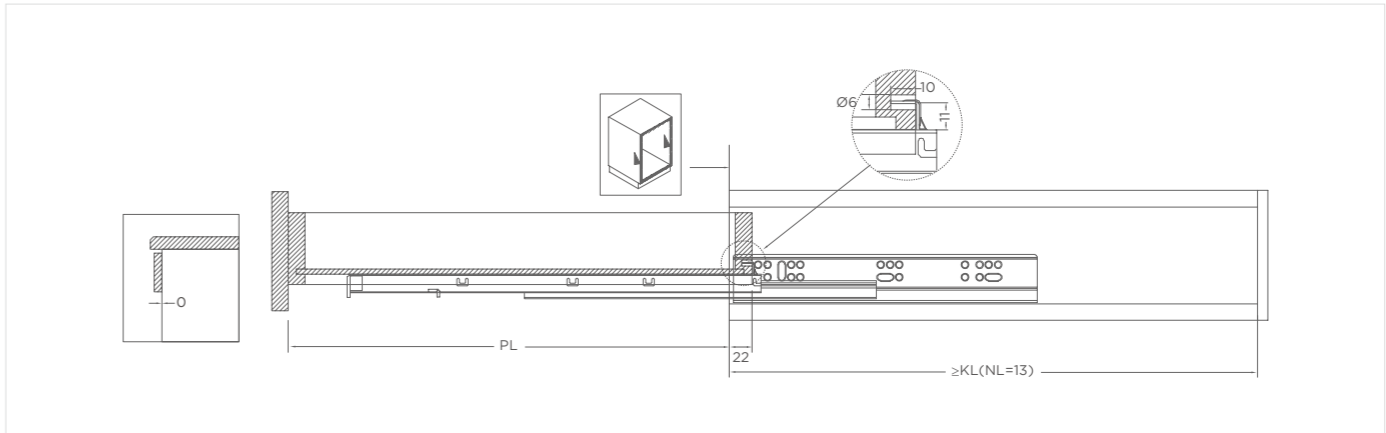
- Himotion- the integrated durable Silent System closes the drawer quietly, with Synchronized feather light opening force
- Concealed full extension
- Quick release front levers-effortless assembly and removal of drawers
- * Available if need push to open item

Applications

For frameless cabinet: Furniture drawer, Kitchen cabinetry, other wooden drawers



Dimensions And Specifications

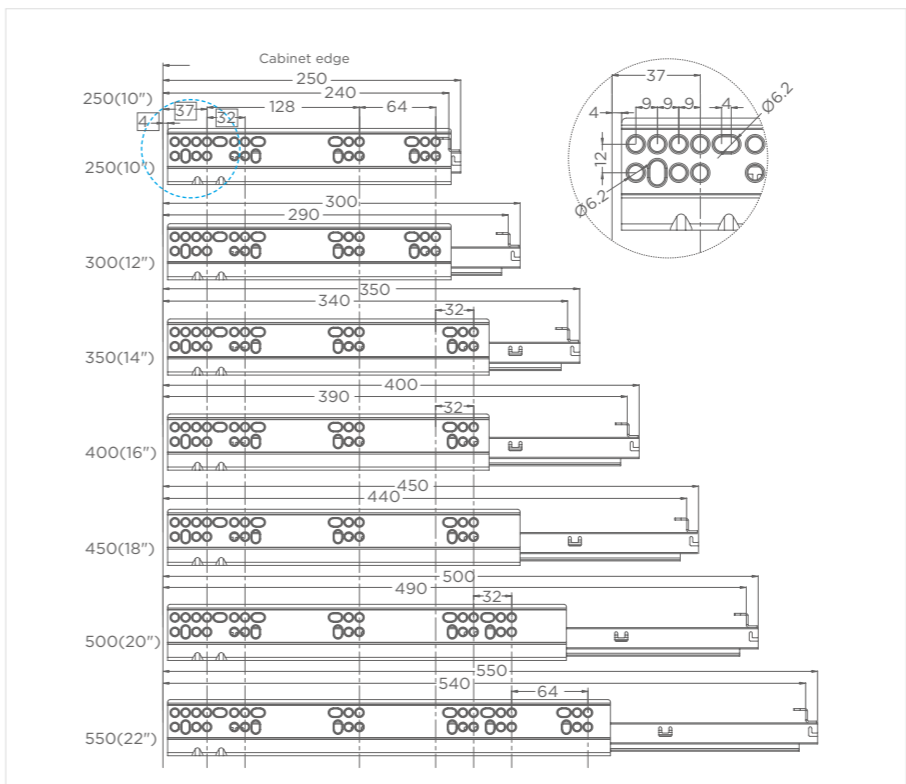


Item No.	SL	NL	KL	PL
	MM/Inch	MM	MM	MM
811079	250(10')	240	253	218
811067	300(12')	290	303	268
811068	350(14')	340	353	318
811069	400(16')	390	403	368
811070	450(18')	440	453	418
811071	500(20')	490	503	468
811072	550(22')	540	553	518

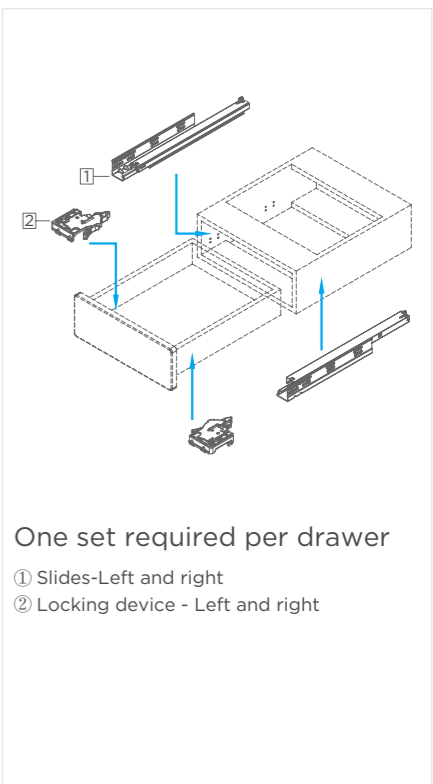
Abbreviations

NL	Nominal Length	mm
KL	Min. Cabinet Depth	mm
PL	Travel Extension	mm
SL	Slide Length	mm
NL	Drawer Length	mm
Z	Door front panel	mm

Screw Position- Cabinet Profiles

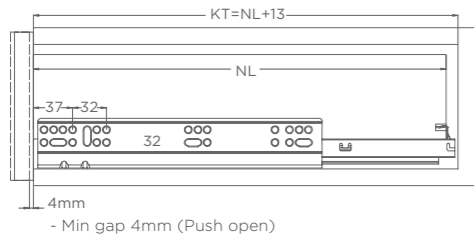


Components Slides Set

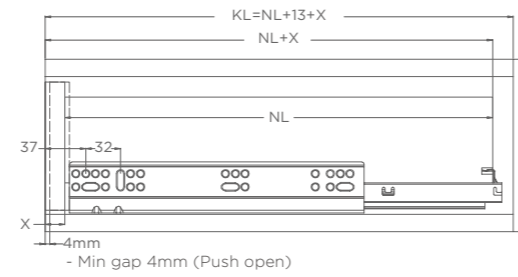


Cabinet Space Requirement- Depth

Overlay Drawer

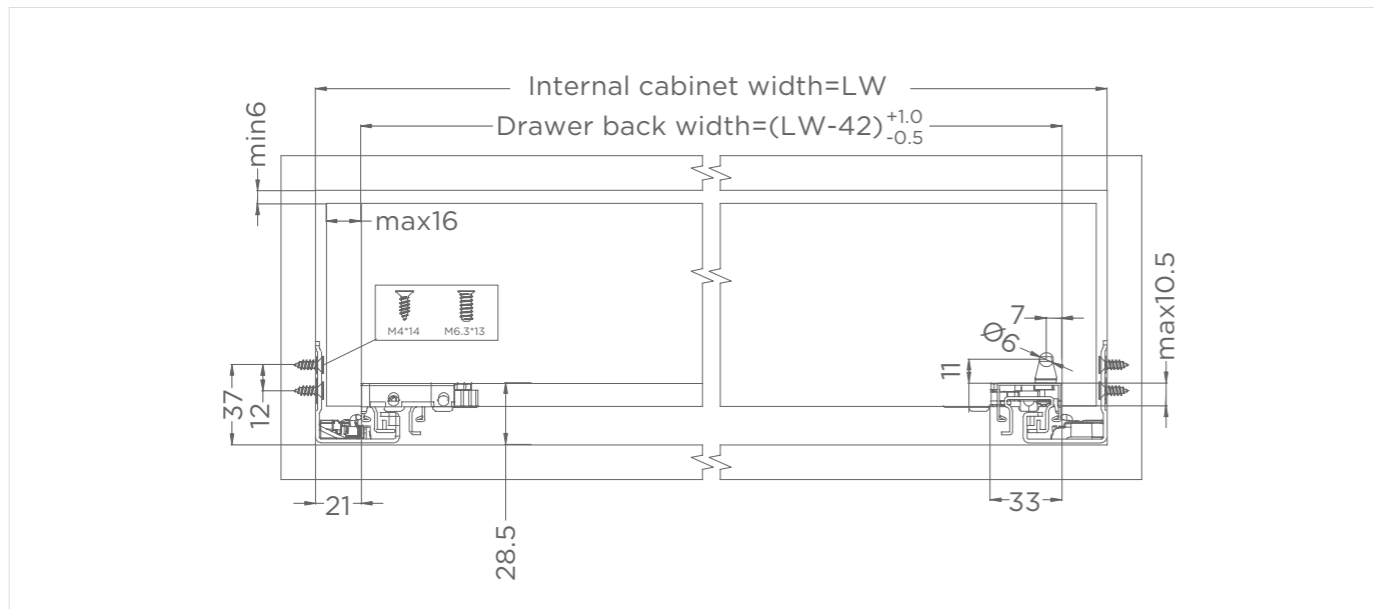


Inset Drawer

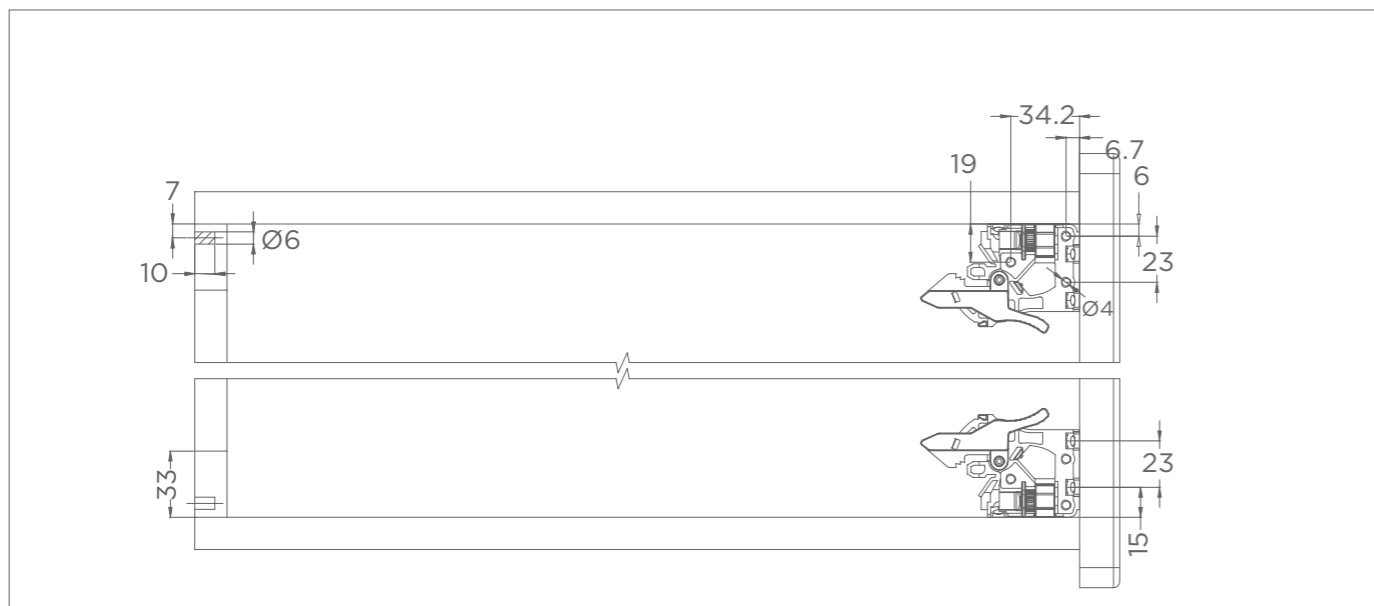


Cabinet Space Requirement- Side

Maximum drawer thickness 16mm

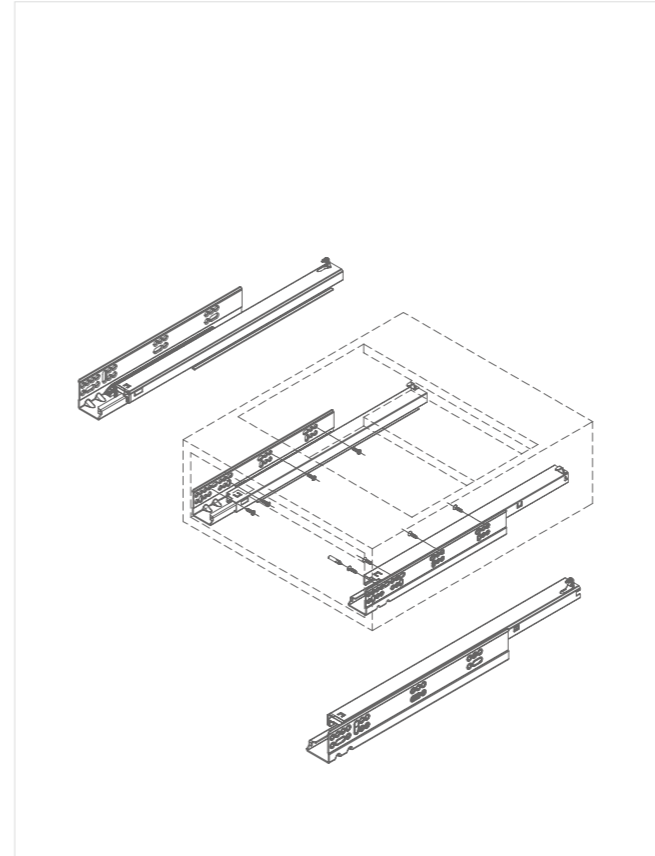


Locking Device -Drilling

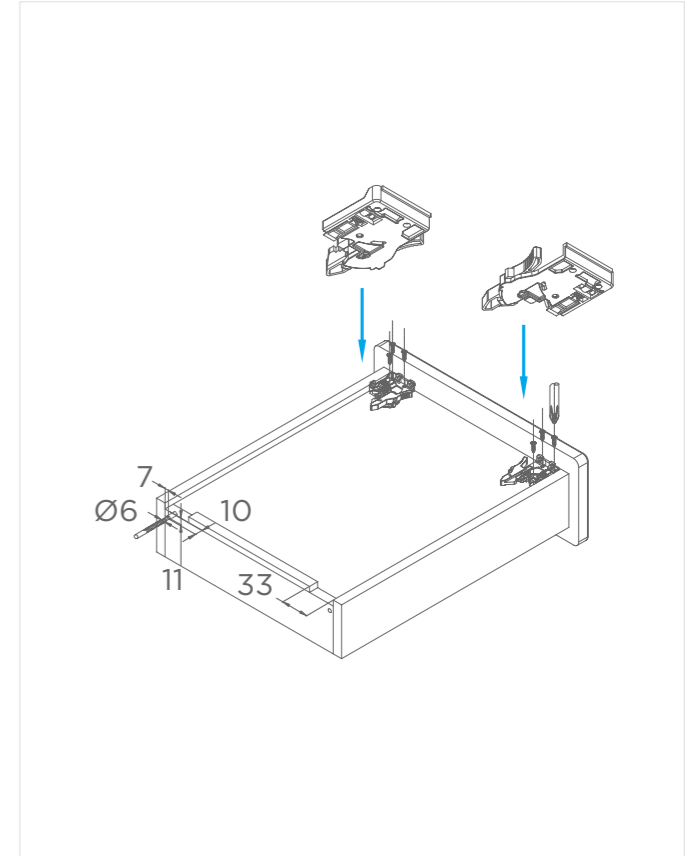


Cabinet Installation

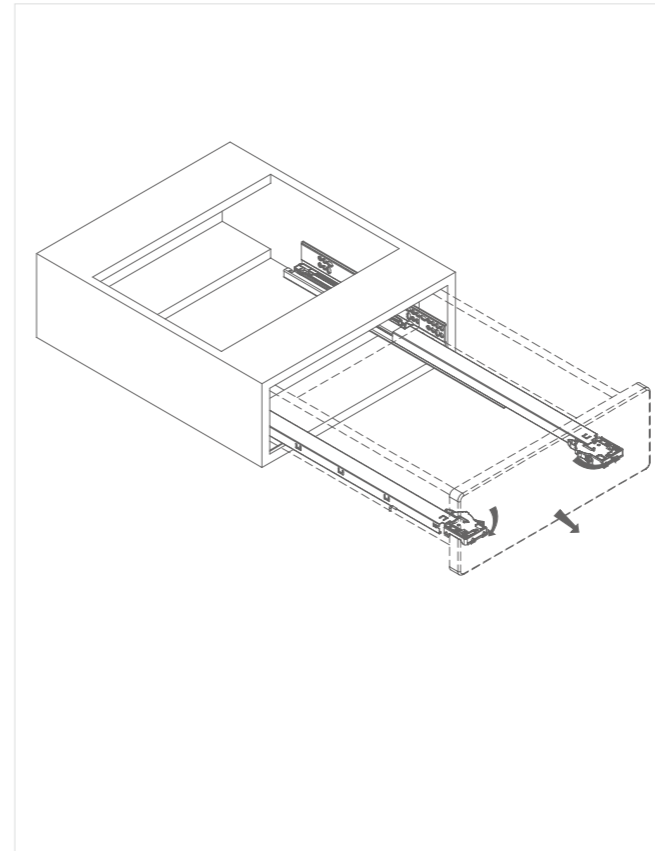
Runner to cabinet



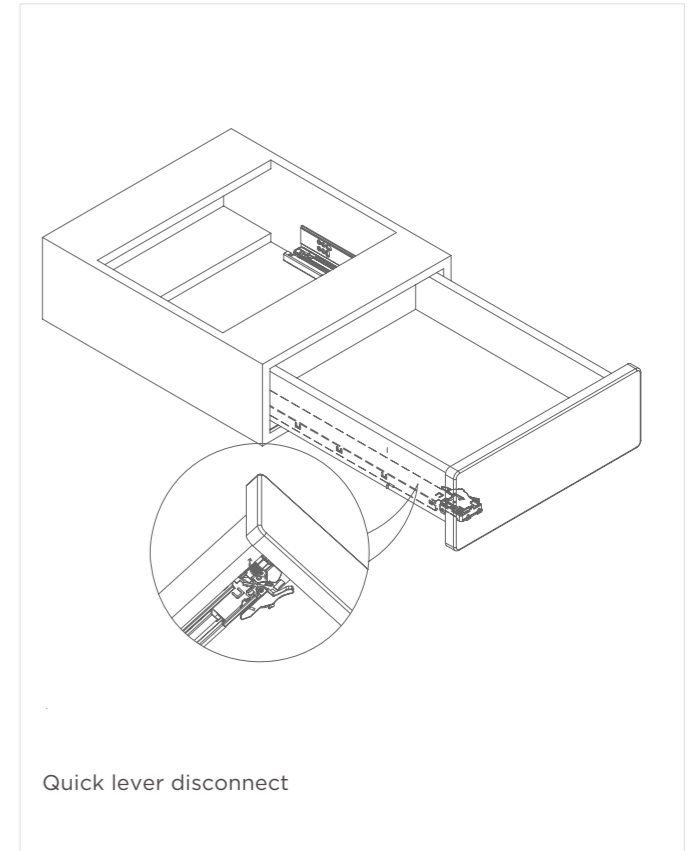
Locking device to drawer and drilling



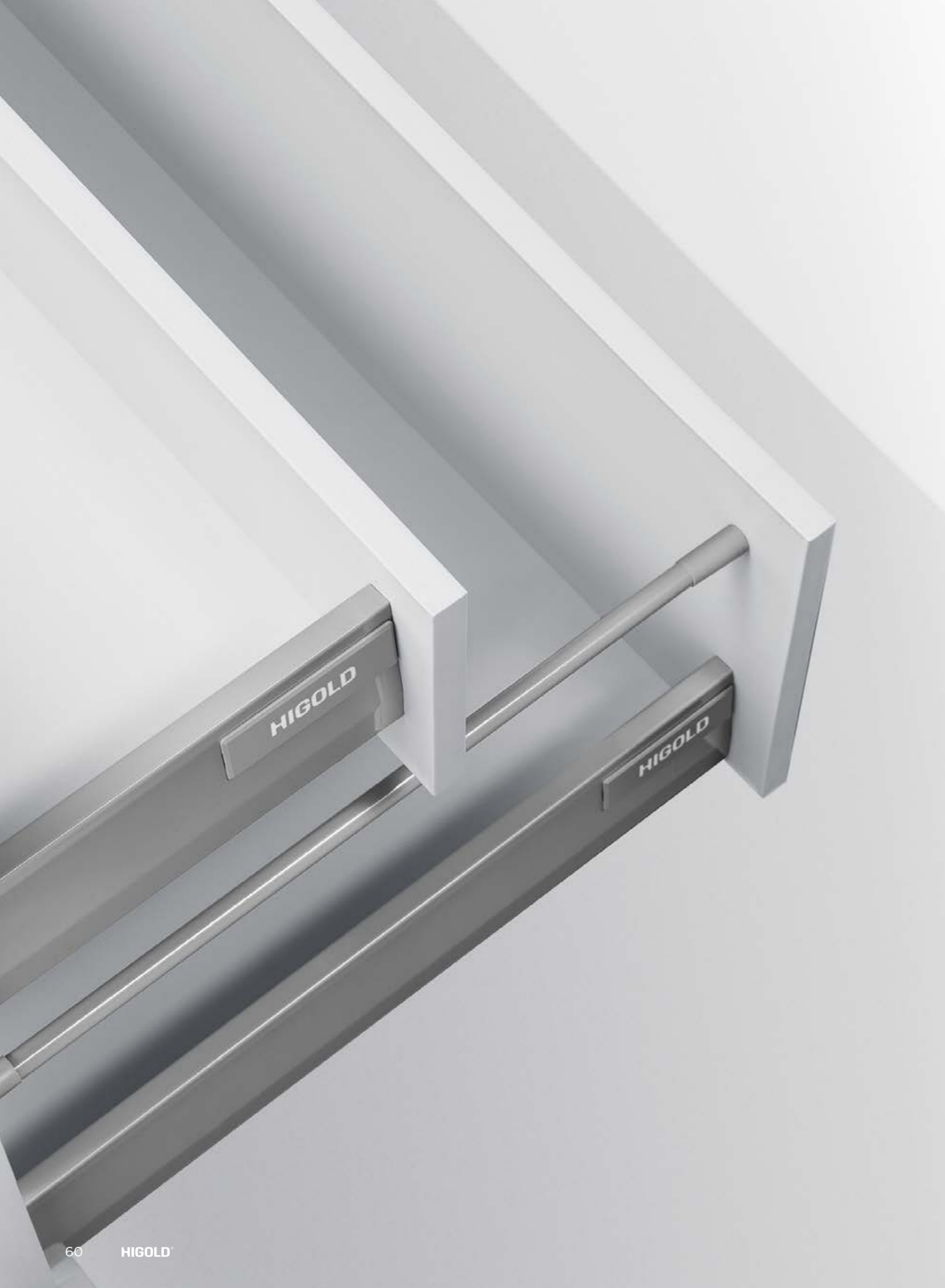
Drawer to cabinet



Disconnect the drawer from cabinet



Quick lever disconnect



DRAWER SYSTEM

M height

P68-69

K height

P70-71

B height

P72-73



HIGOLD SLENDER double wall drawer system

P68-77

M height

P78-79

B height

P80-83

D height

P84-85



HIGOLD INMAGIC double wall drawer system

P78-89

M height

P90-91

B height

P92-93

D height

P94-95



HIGOLD Luxury double wall drawer system

P90-99



MODERN DESIGN

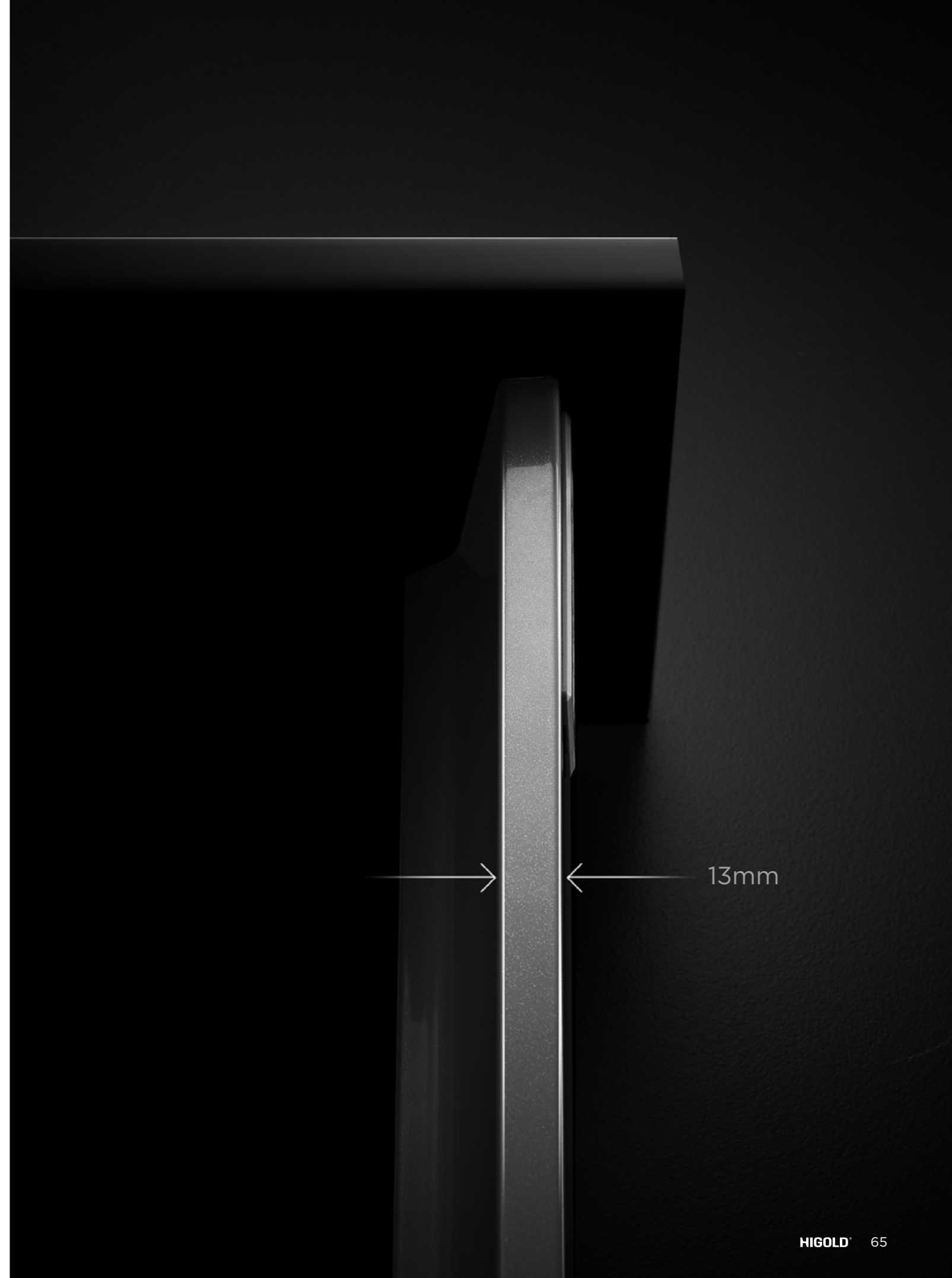
HIGOLD drawer system has offered variable solutions for furniture design and has long proved its worth for many years.

The innovation of function and technology is integrated into the new concept of home design. The product has strong bearing capacity, reliable performance and excellent quality; a wide range of accessories is suitable for a variety of target customer groups.

MINIMALIST DESIGN MAXIMUM SPACE



HIGOLD SLENDER drawer system with remarkable slim double wall at 13mm, the double wall with straight interior and exterior without splicing, used high-quality steel with precision stamping. Sturdy structure and durable, efficient use of space, and enhanced storage performance.



HIGOLD

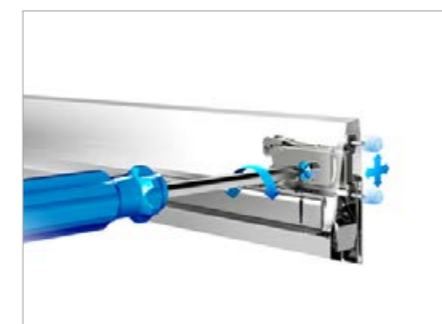
ELEGANT STYLE

Titanium gray design with matt coating, the metallic color surface coating is carried out by a Japanese Yaskawa fully automatic coating intelligent robot, resulting in a more even coating surface and outstanding colour and anti-fingerprint which makes the products beautiful with different design demands for every living area.

Infinitely variable and adaptive damping, always gently closed, anti-pinching, for the safety of your family.

A synchronized lightly slide is never easy, motion technologies was built-in the cabinet runner to enhance the comfortable use of the drawer.

4-dimensional adjustment ease the front panel can be adjusted to the side and depth along with the height and tilt. Fast and easy just from the integrated mechanism inside walls.



HIGOLD SLENDER Double Wall Drawer System

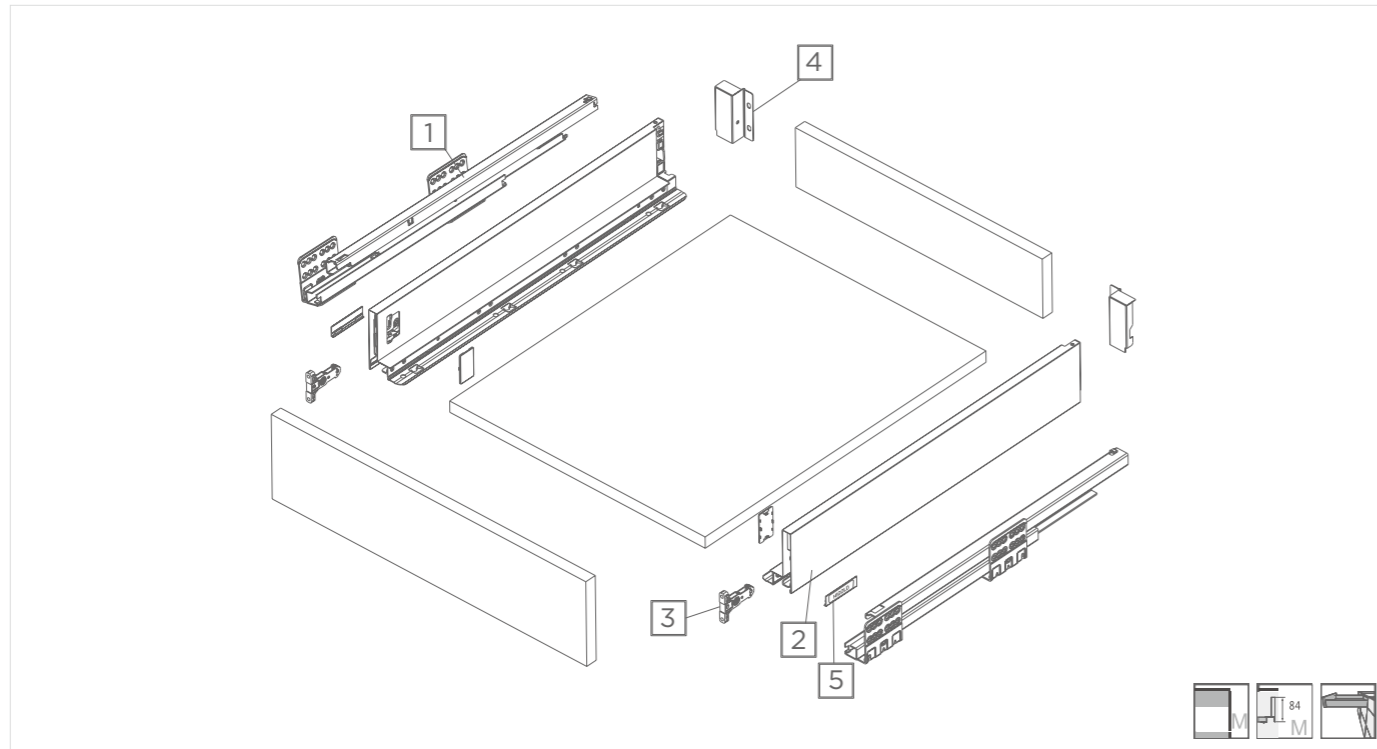
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height M



Feature

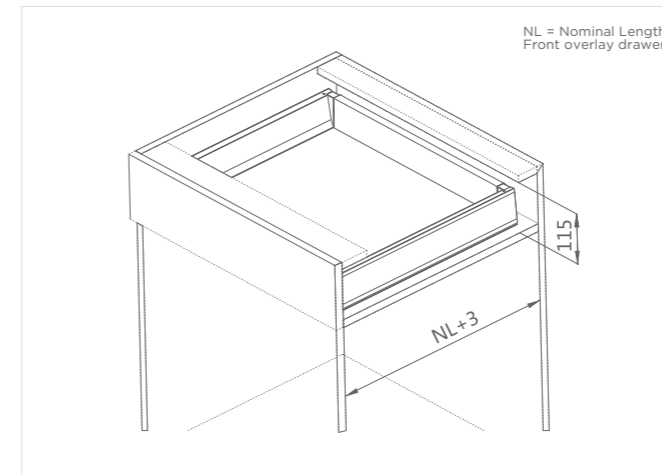
- Slim steel drawer side 13 mm
- M Drawer Height
- Synchronised smooth running action
- Integrated HIMOTION system with infinitely variable adaptive function, always forms a slow stop effect to prevent hand - pinch accidents , and it is more gentle and quiet
- Three-dimensional front adjustment in the drawer side
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note : Max . load based on 450 mm (18") slides

Drawer Components

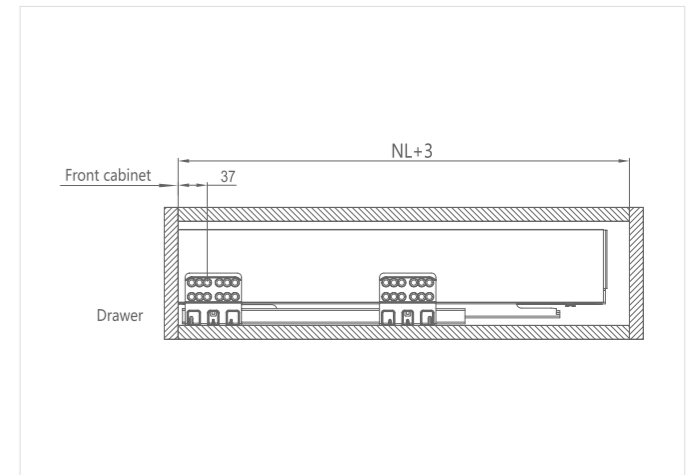


No.	Components for 1 set	Package / Carton	Nominal Length (mm/inch)	Snow Mountain White	Titanium Gray
1	Cabinet runner left / right	6 sets	270 mm (11")	816001	816006
2	Slim drawer side profile left / right		350 mm (14")	816002	816007
3	Front fixing bracket - screw on 2pc		400 mm (16")	816003	816008
4	Back panel fixing connector left / right		450 mm (18")	816004	816009
5	Brand name cover left / right / in and out		500 mm (20")	816005	816010
			550 mm (22")		816011

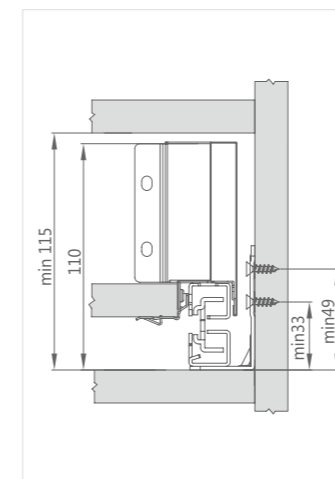
Space Required



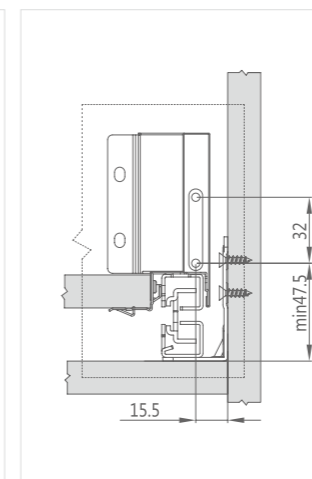
Drawer Runner To Cabinet-Overlay Front



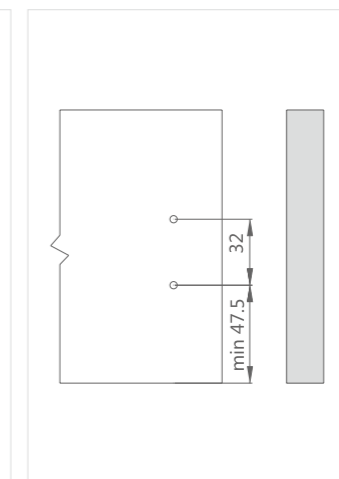
Cabinet Space Requirement



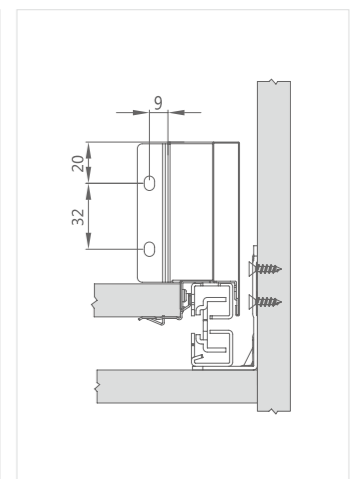
Installation Dimensions - Front



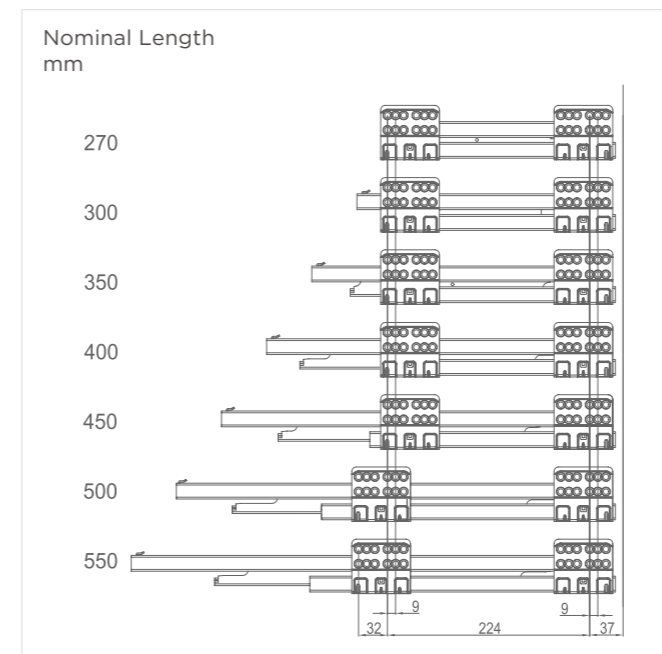
Drilling Distance - Front



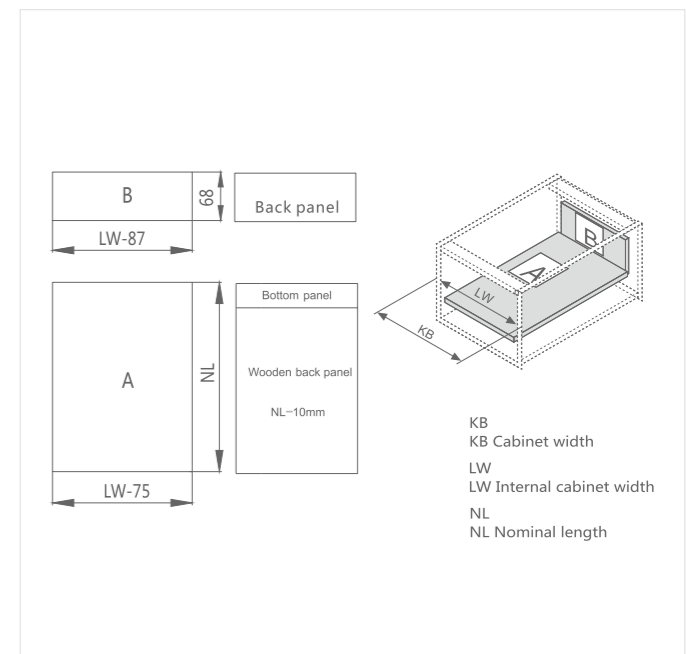
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD SLENDER Double Wall Drawer System

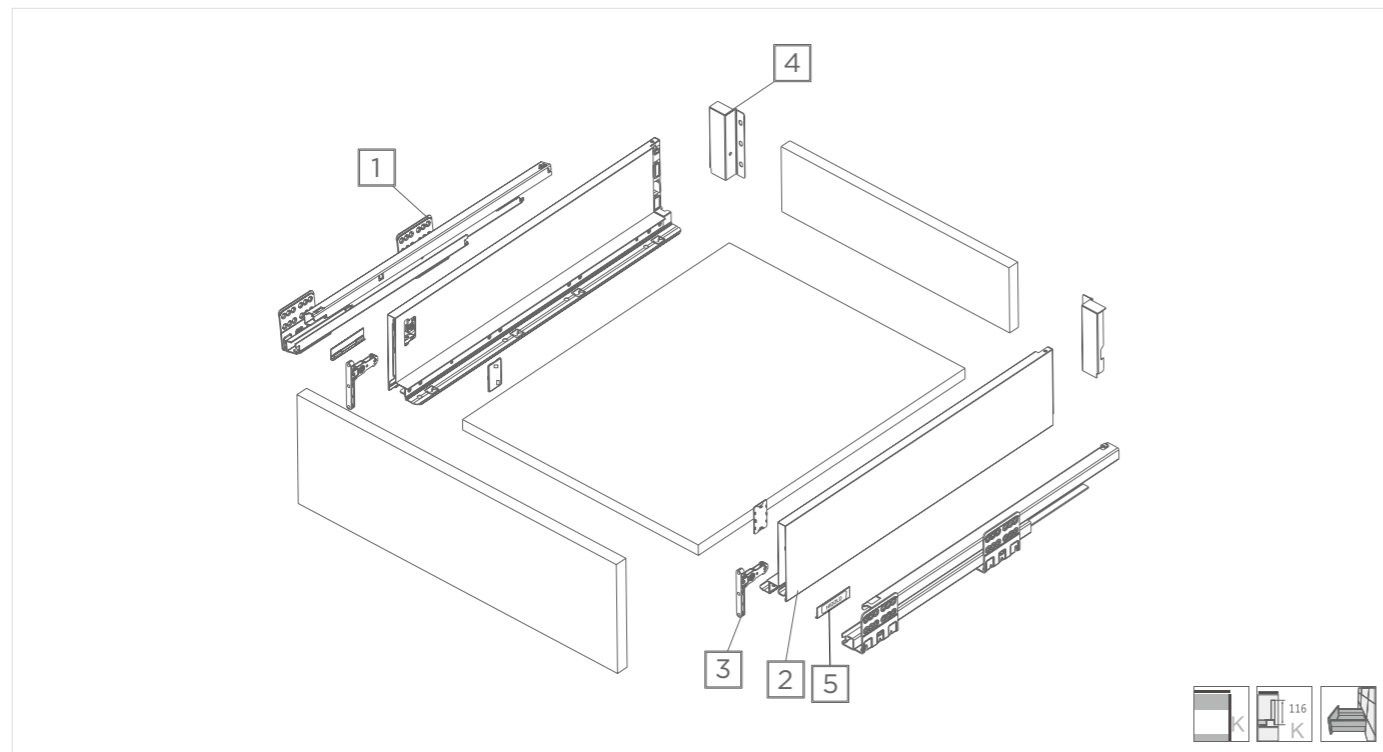
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer Height K



Feature

- Slim steel drawer side 13 mm
- K Drawer Height
- Synchronised smooth running action
- Integrated HIMOTION system with infinitely variable adaptive function, always forms a slow stop effect to prevent hand - pinch accidents , and it is more gentle and quiet
- Three - dimensional front adjustment in the drawer side
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note : Max . load based on 450 mm (18") slides

Drawer Components

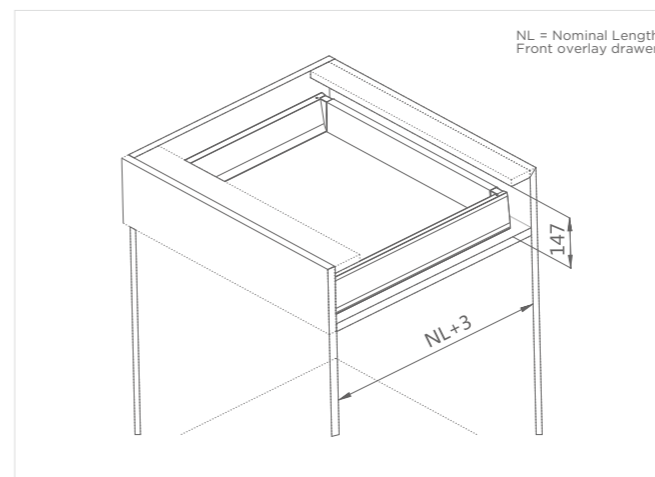


No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Slim drawer side profile left / right	
3	Front fixing bracket - screw on 2pc	
4	Back panel fixing connector left / right	
5	Brand name cover left / right / in and out	

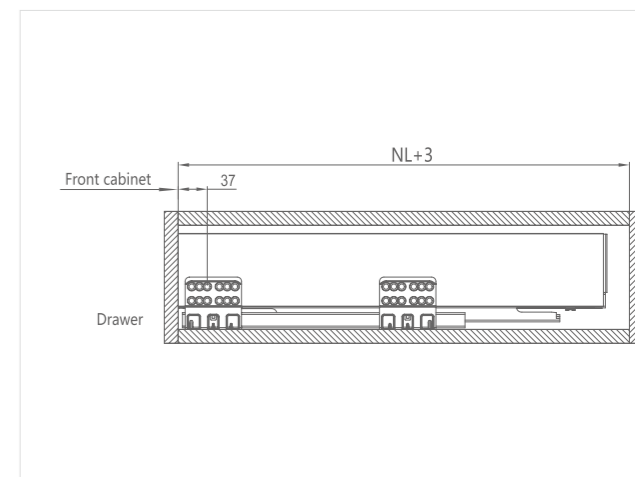
Nominal Length (mm/inch)	Titanium Gray
270 mm (11")	816051
350 mm (14")	816052
400 mm (16")	816053
450 mm (18")	816054
500 mm (20")	816055
550 mm (22")	816060

Note:
 * 816054 technical data same as 816018
 * Other length or color please contact HIGOLD

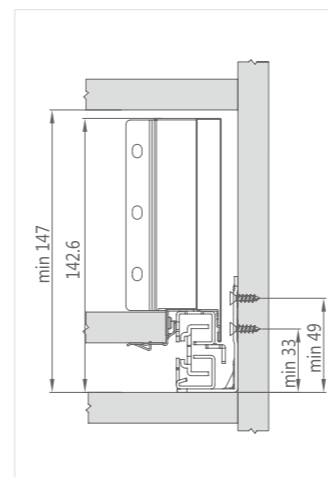
Space Required



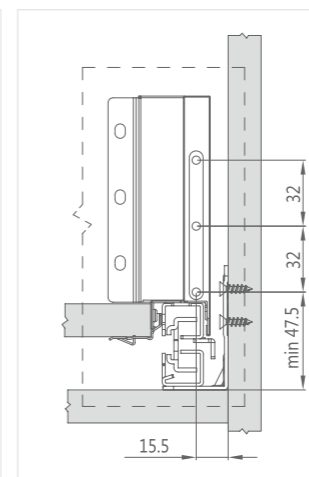
Drawer Runner To Cabinet-Overlay Front



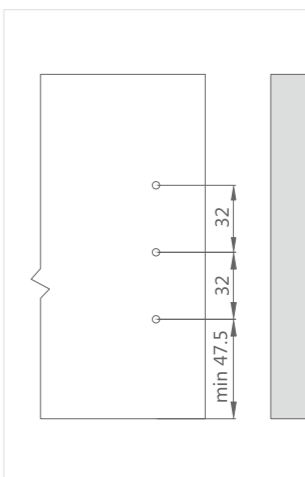
Cabinet Space Requirement



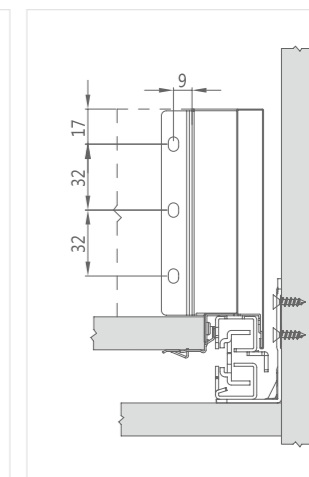
Installation Dimensions - Front



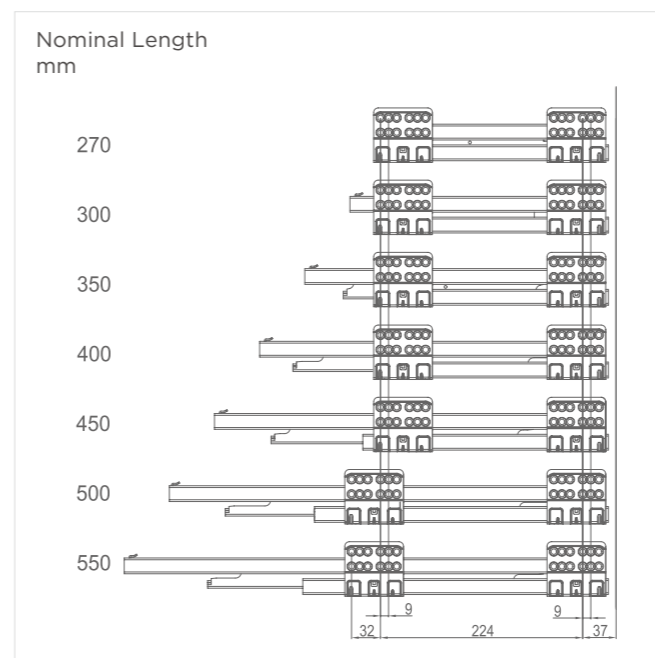
Drilling Distance - Front



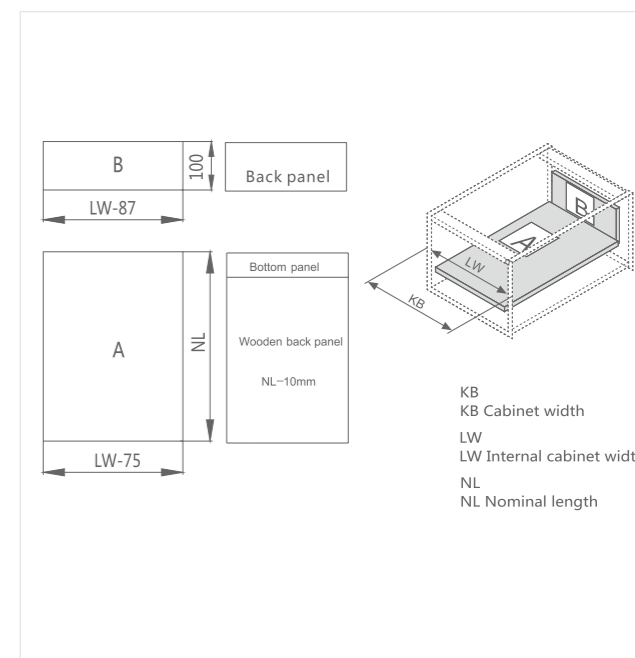
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD SLENDER Double Wall Drawer System

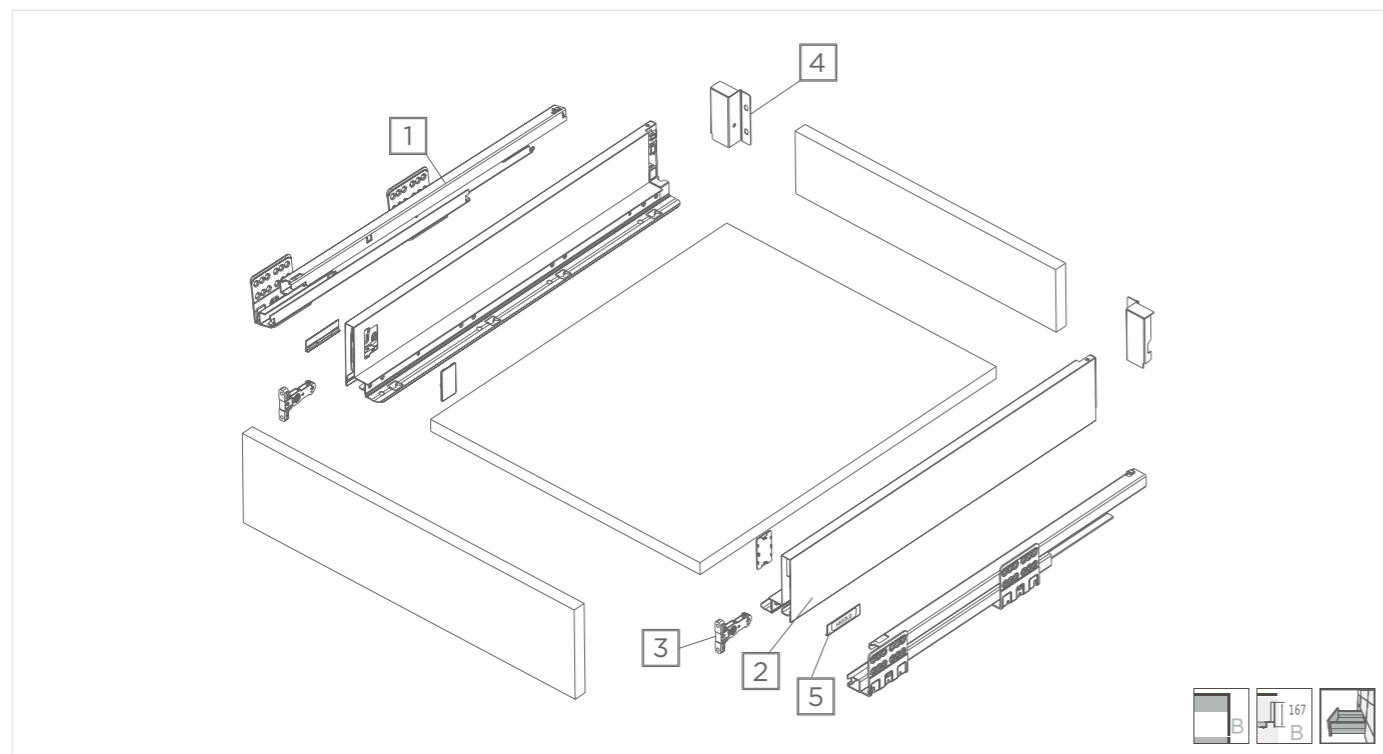
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height B



Feature

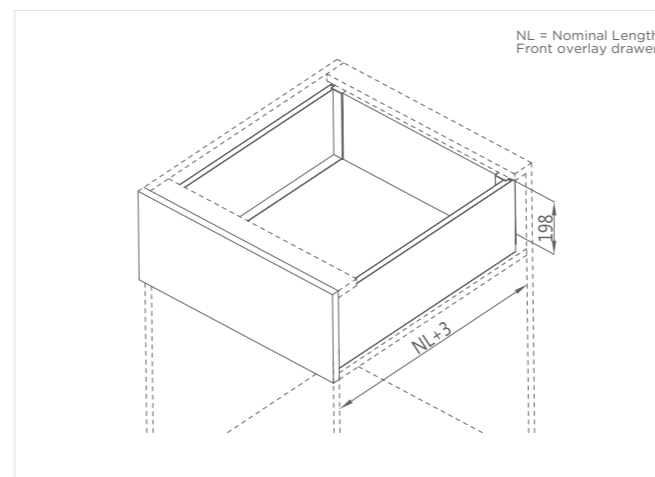
- Slim steel drawer side 13 mm
- B Drawer Height
- Synchronised smooth running action
- Integrated HIMOTION system with infinitely variable adaptive function, always forms a slow stop effect to prevent hand - pinch accidents , and it is more gentle and quiet
- Three - dimensional front adjustment in the drawer side
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note : Max . load based on 450 mm (18") slides

Drawer Components

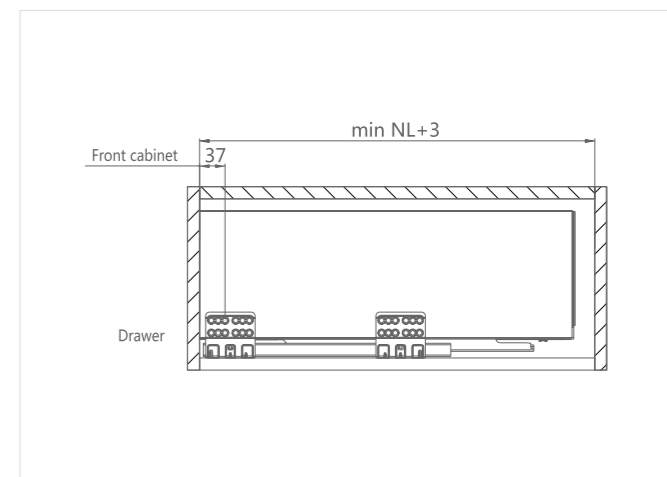


No.	Components for 1 set	Package / Carton	Nominal Length (mm/inch)	Snow Mountain White	Titanium Gray
1	Cabinet runner left / right	5 sets	270 mm (11")	816021	816026
2	Slim drawer side profile left / right		350 mm (14")	816022	816027
3	Front fixing bracket - screw on 2pc		400 mm (16")	816023	816028
4	Back panel fixing connector left / right		450 mm (18")	816024	816029
5	Brand name cover left / right / in and out		500 mm (20")	816025	816030
			550 mm (22")	816041	

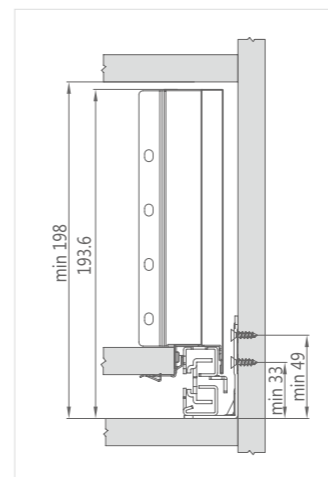
Space Required



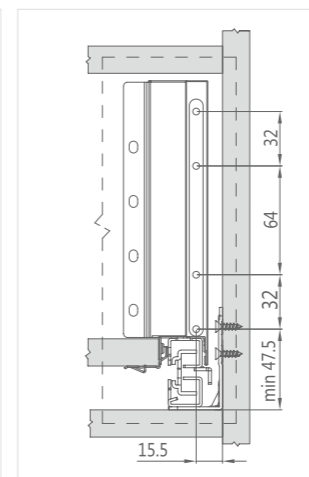
Drawer Runner To Cabinet-Overlay Front



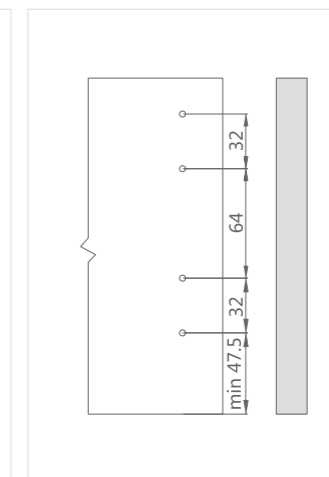
Cabinet Space Requirement



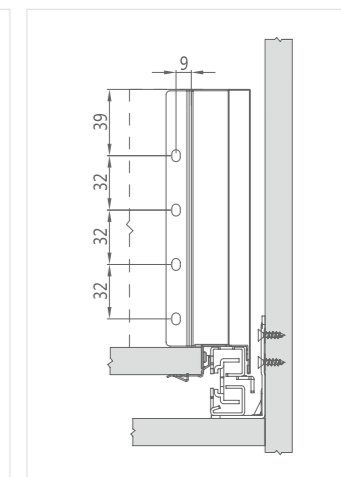
Installation Dimensions - Front



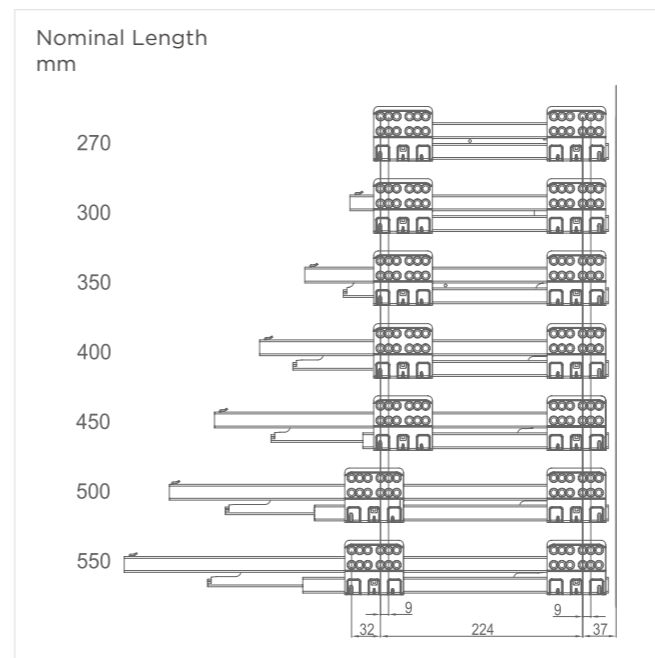
Drilling Distance - Front



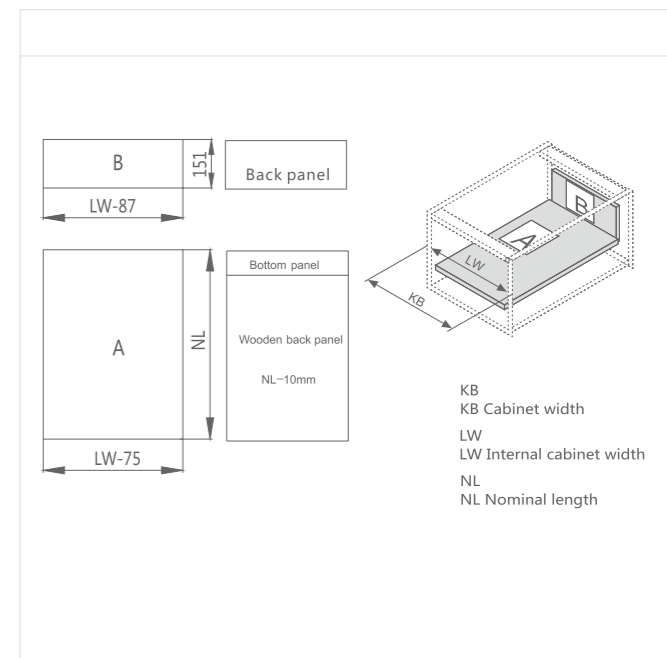
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions

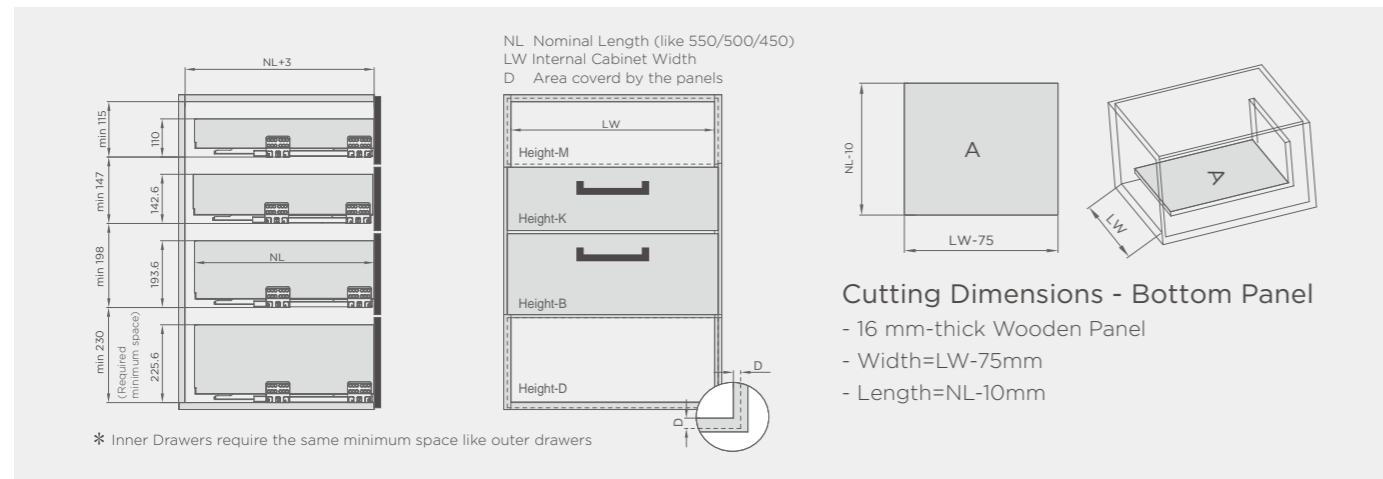


Bottom / Back Panel Cutting Dimension - Thickness 16 mm



Installation Instruction For SLENDER drawer system

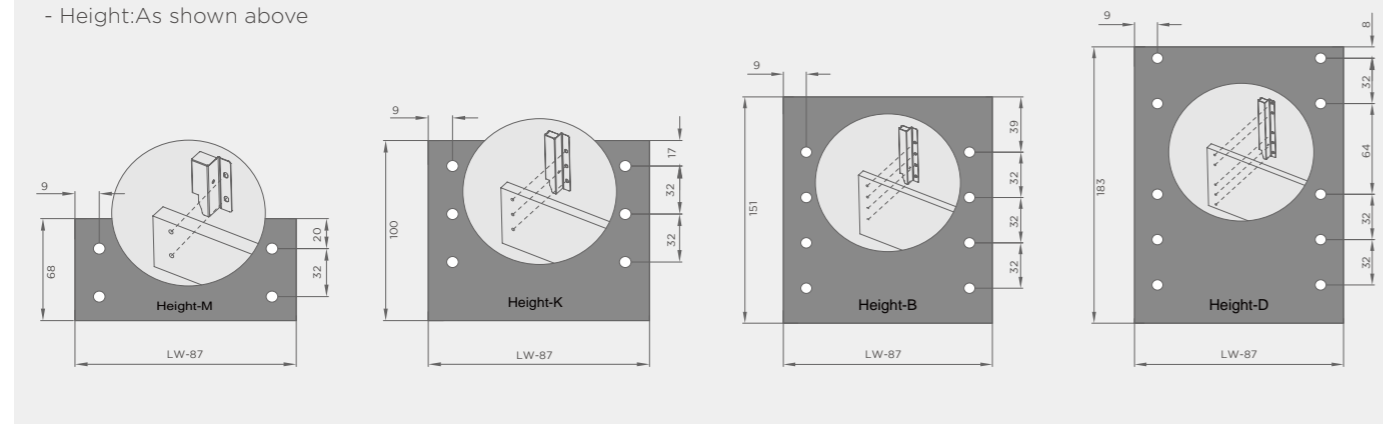
Cabinet Space Requirement



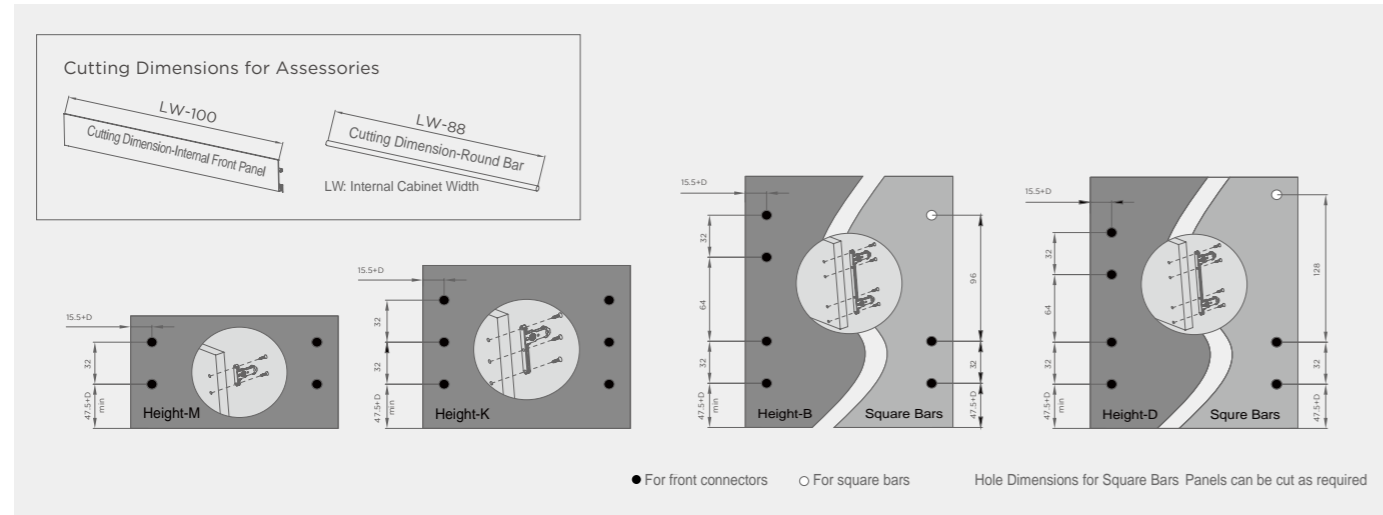
Installation Dimensions - Back Panel

Cutting Dimensions - Back Panel

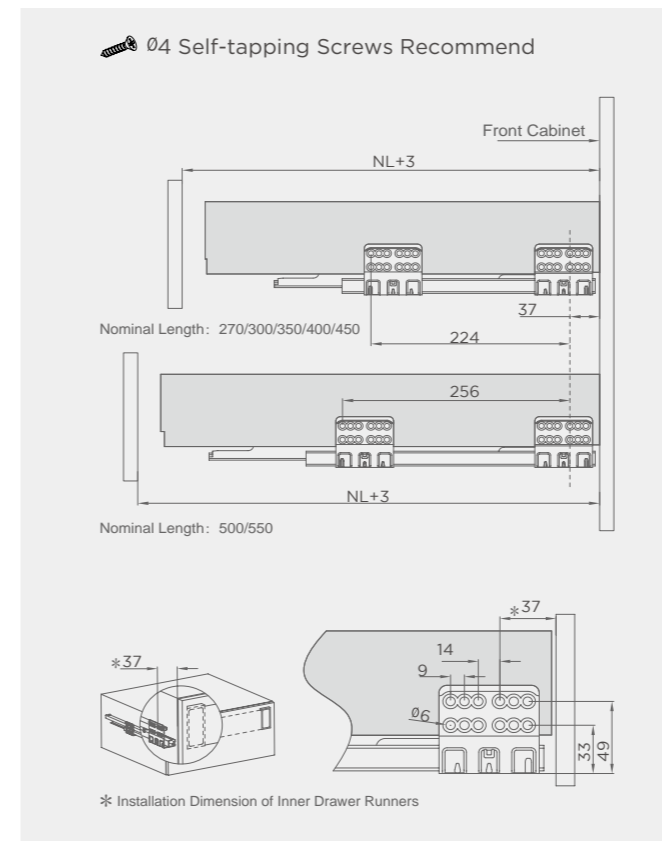
- 16 mm-thick Wooden Panel
- Width=LW-87 mm
- Height:As shown above



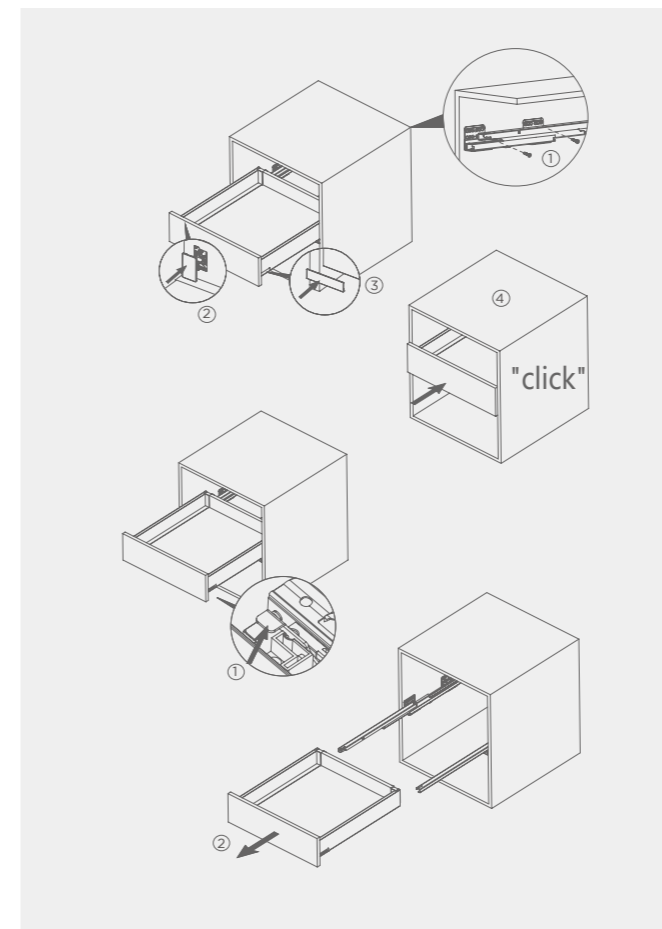
Hole Dimensions



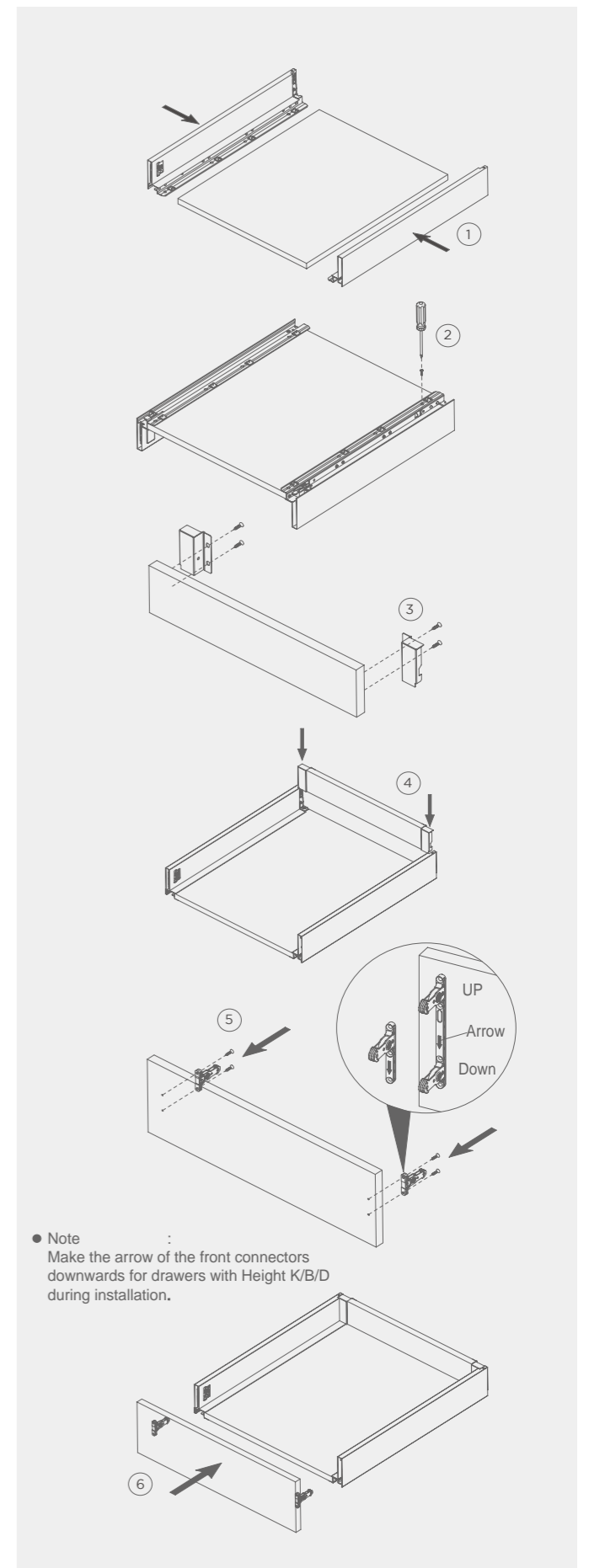
Installation Dimensions - Drawer Runners



Drawer Installation And disassembly

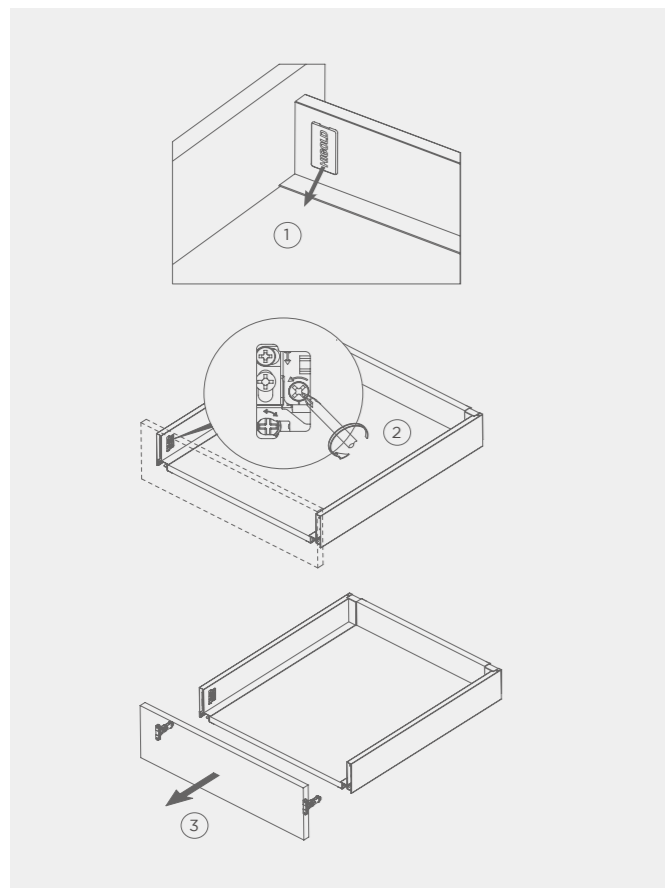


Drawer Installation

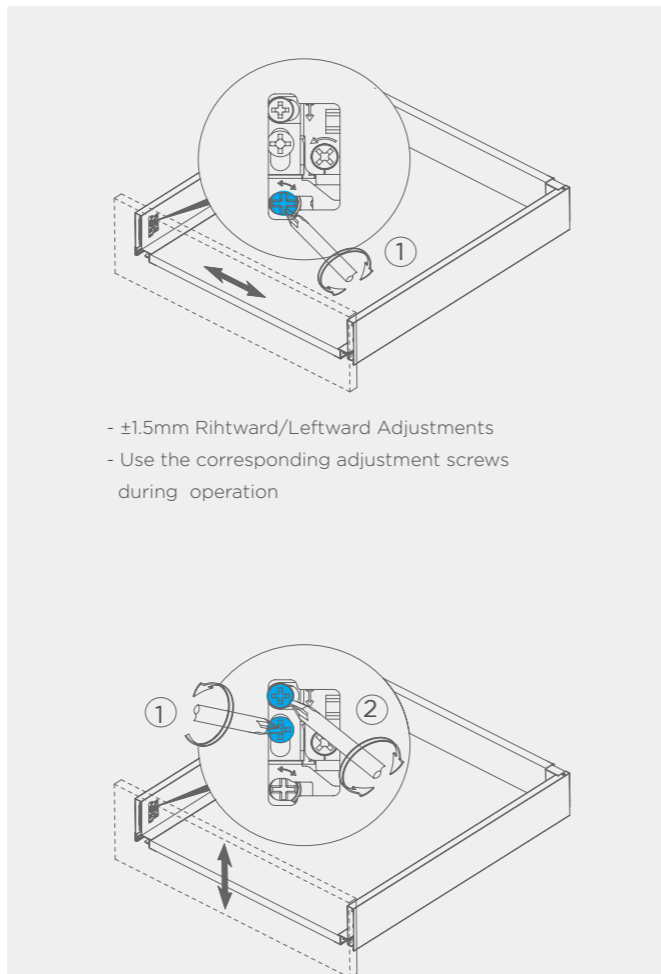


Installation Instruction For SLENDER drawer system

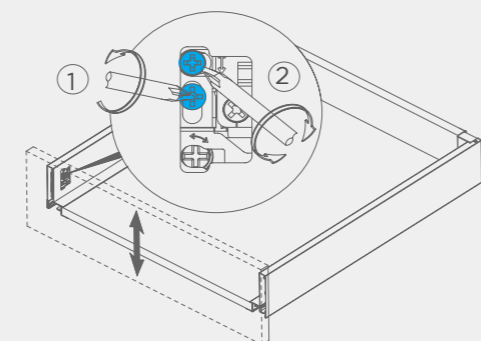
Disassembly Of Panels



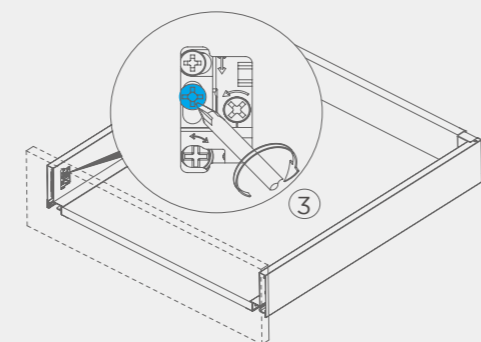
Adjustment



- $\pm 1.5\text{mm}$ Rightward/Leftward Adjustments
- Use the corresponding adjustment screws during operation



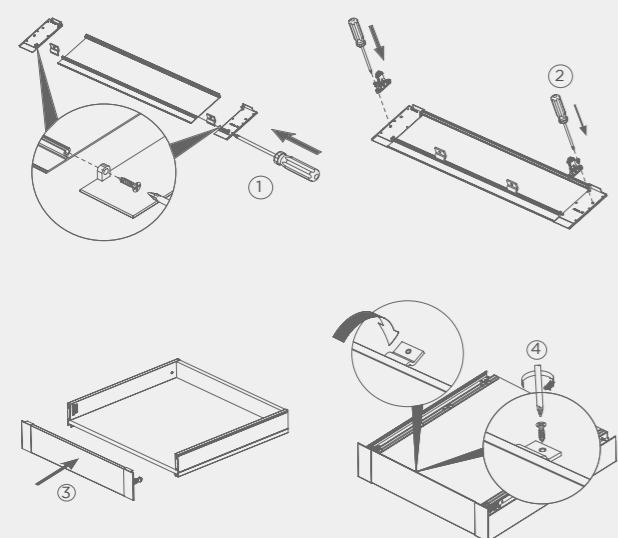
- $\pm 2\text{mm}$ Upward/Downward Adjustments
- Unlock the screws before the operation



- Lock
- lock the screws after the operation

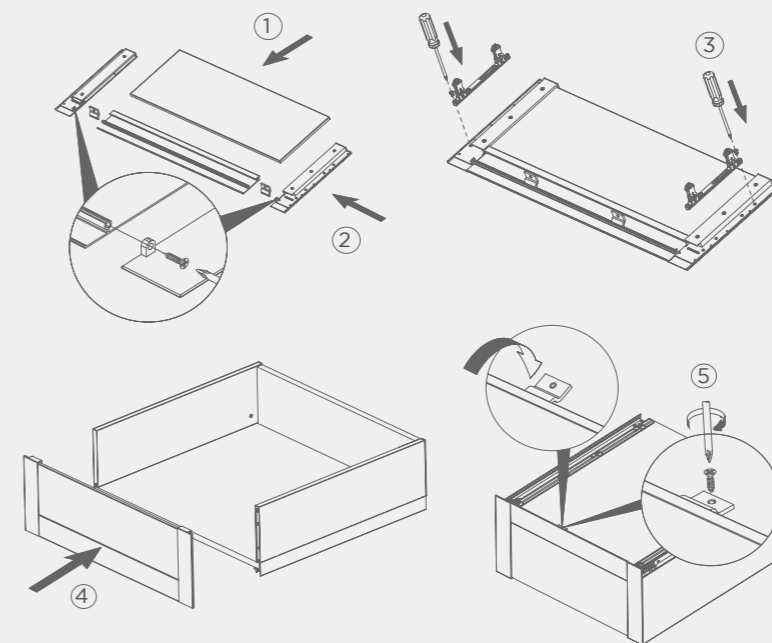
Installation Of The Internal Front Panel For Low Inner Drawers

• Height-M

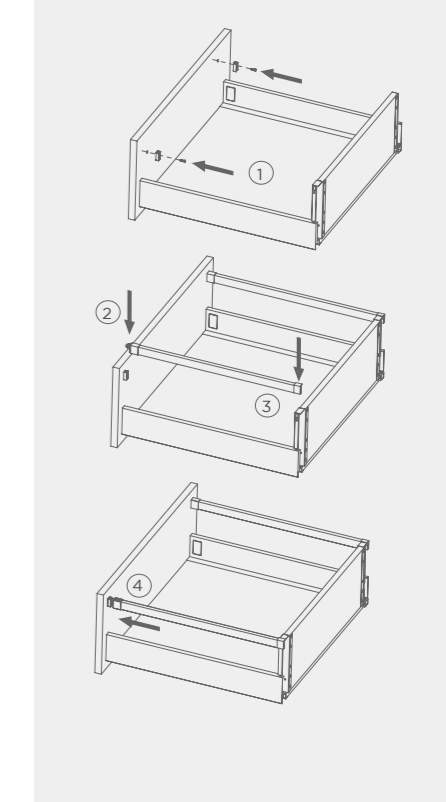


Installation Of The Internal Front Panel With Heightening Panel For High Inner Drawers

• Height-B

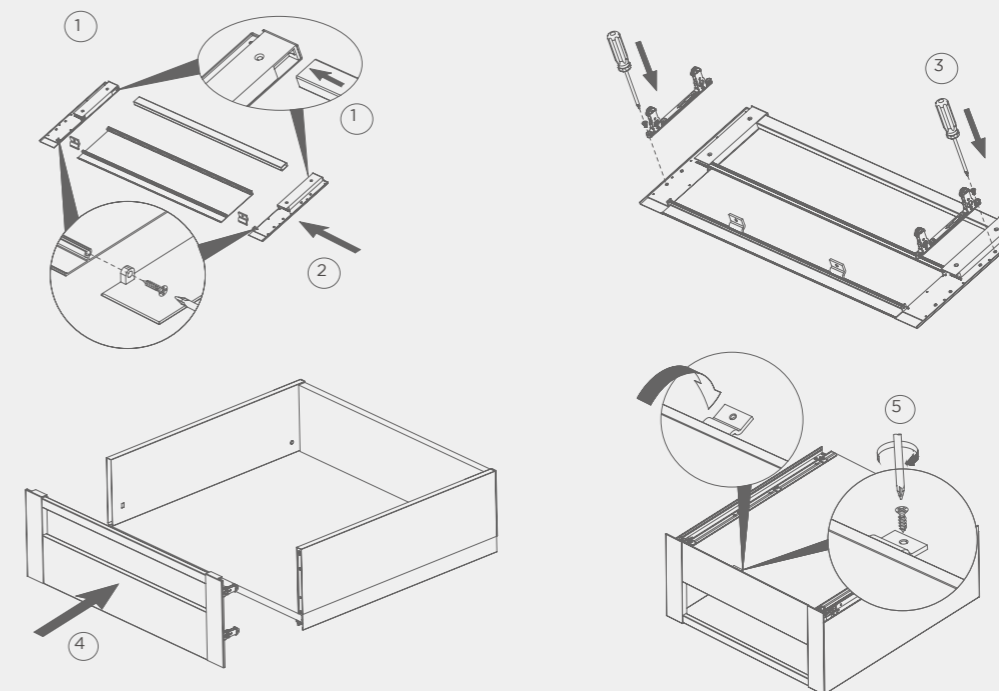


Installation Of Square Bars



Installation of the Internal Front Panel with Bars for High Inner Drawers

• Height-D



HIGOLD INMAGIC Double Wall Drawer System

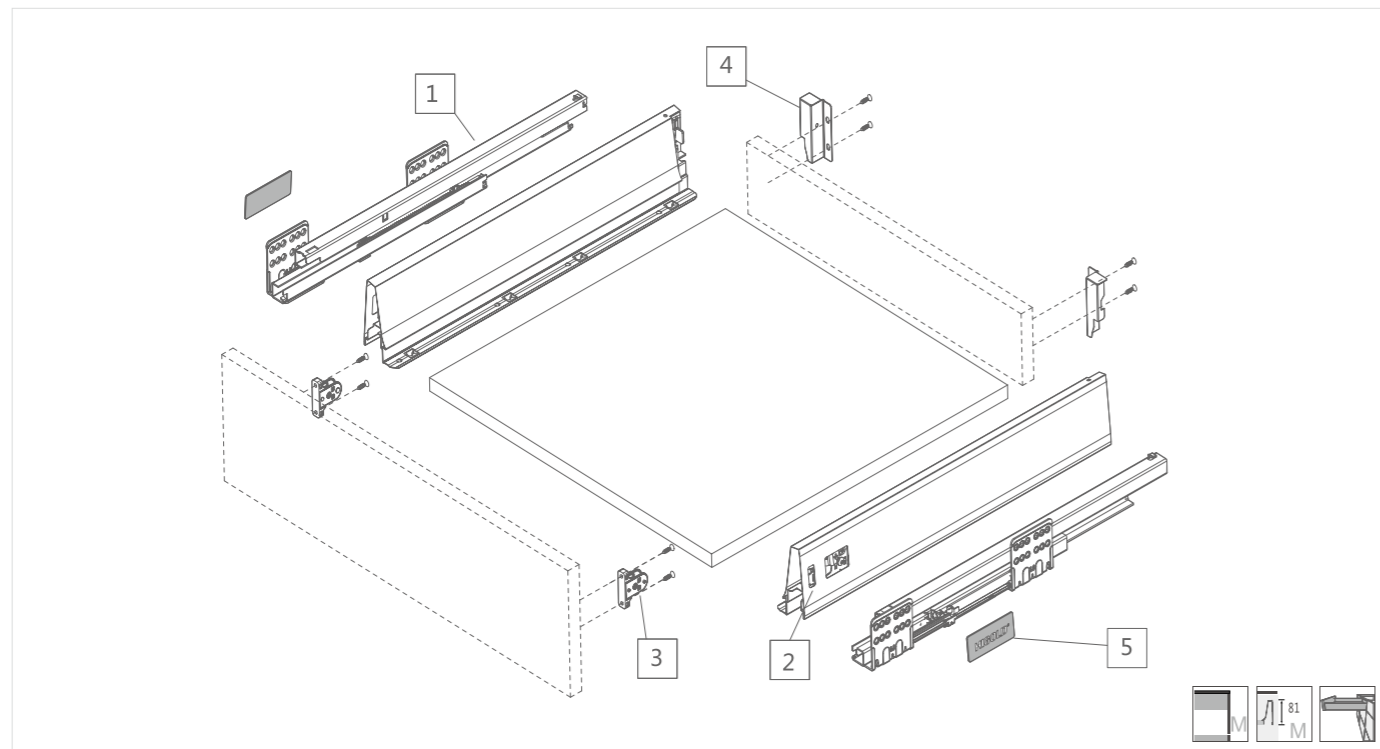
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height M



Feature

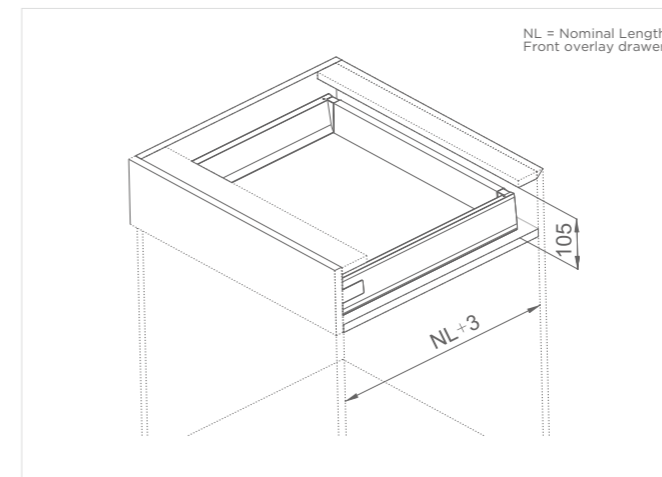
- Concealed full extension runner - Excellent running action - for the lifetime of the furniture
 - M Drawer Height
 - Tool - free drawer to front panel assembly
 - 2 - dimensional front panel adjustment
 - Integrated HIMOTION for silent closing
 - Length : 270mm to 550mm (10" to 22")
 - Dynamic loading 40 KG*
- * Note: Max . load based on 450 mm (18") slides

Drawer Components

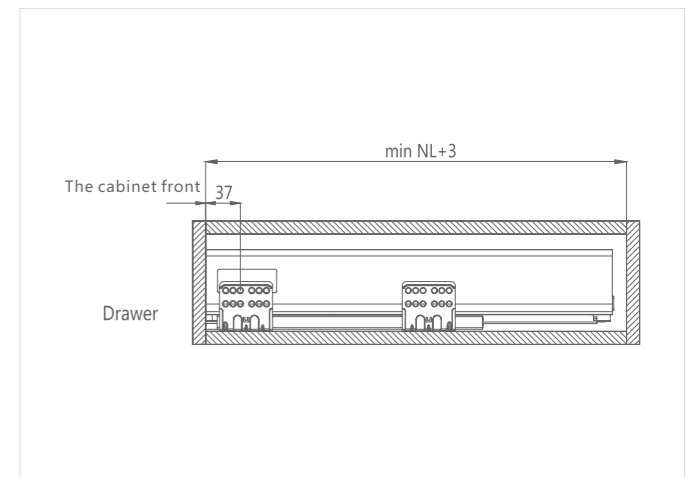


No.	Components for 1 set	Package / Carton	Nominal Length (mm/inch)	Snow Mountain White	Titanium Gray
1	Cabinet runner left / right	6 sets	270 mm (11")	814001	814008
2	Drawer side profile left / right		300 mm (12")	814002	814009
3	Front fixing bracket - screw on 2pc		350 mm (14")	814003	814010
4	Back panel fixing connector left / right		400 mm (16")	814004	814011
5	Brand name cover left / right		450 mm (18")	814005	814012
			500 mm (20")	814006	814013
			550 mm (22")	814007	814014

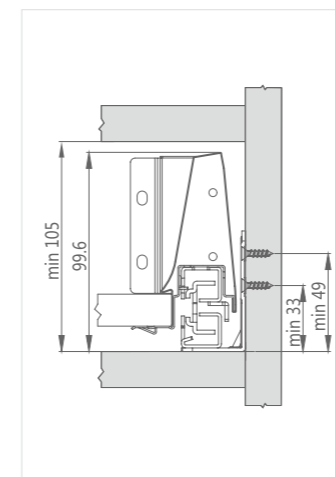
Space Required



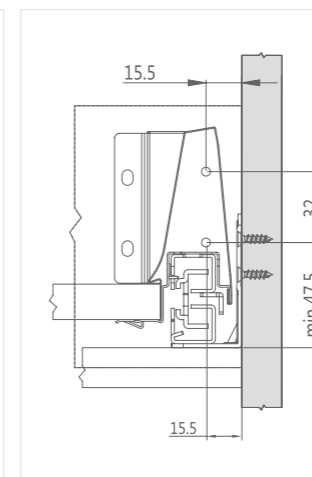
Drawer Runner To Cabinet-Overlay Front



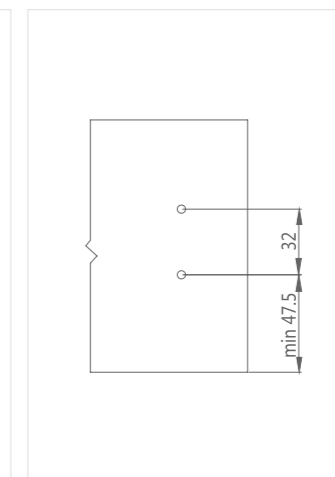
Cabinet Space Requirement



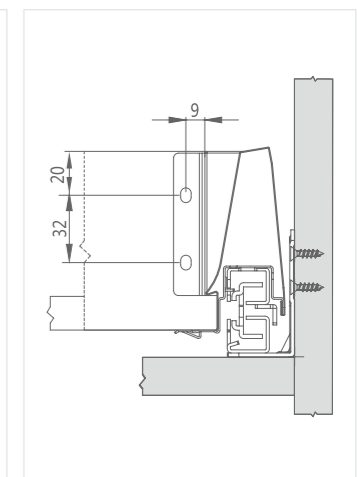
Installation Dimensions - Front



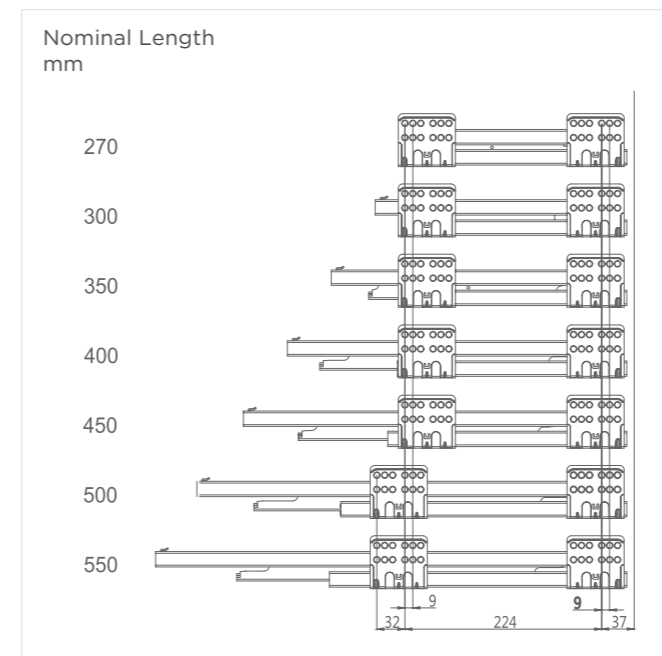
Drilling Distance - Front



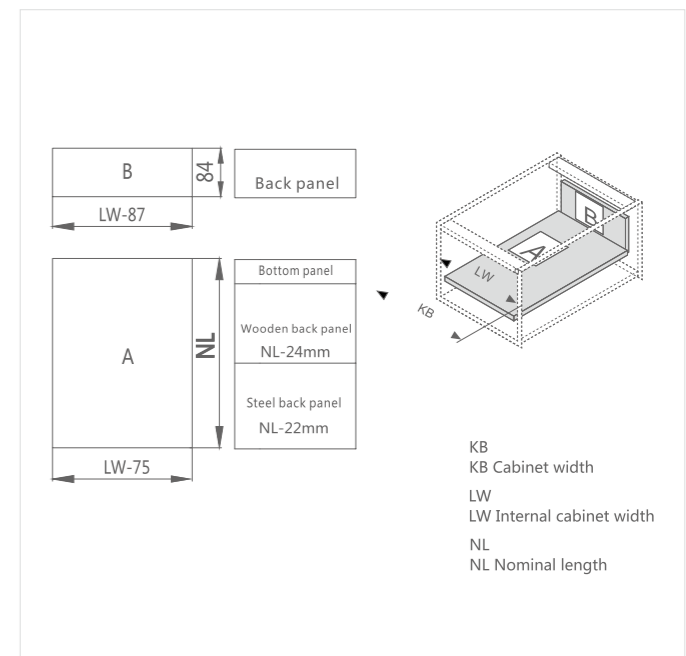
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD INMAGIC Double Wall Drawer System

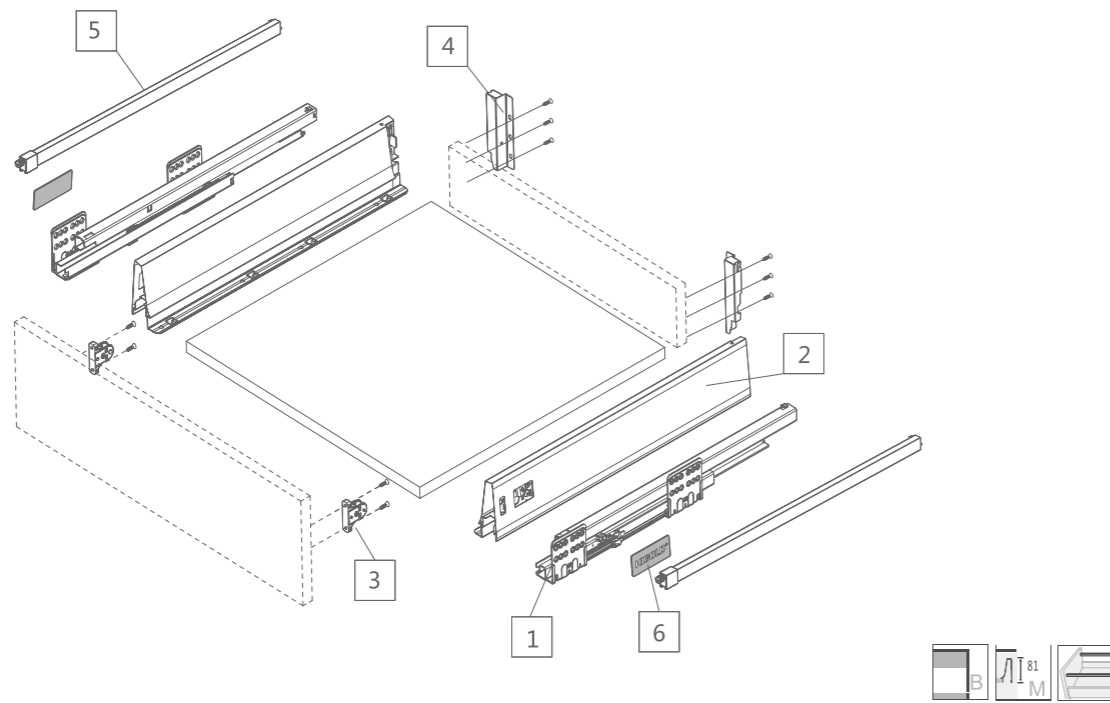
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height B-Rectangle rail



Feature

- Concealed full extension runner - Excellent running action - for the lifetime of the furniture
 - B Drawer Height
 - Tool - free drawer to front panel assembly
 - 2 - dimensional front panel adjustment
 - Integrated HIMOTION for silent closing
 - Length : 270mm to 550mm (10" to 22")
 - Dynamic loading 40 KG*
- * Note: Max . load based on 450mm (18") slides

Drawer Components

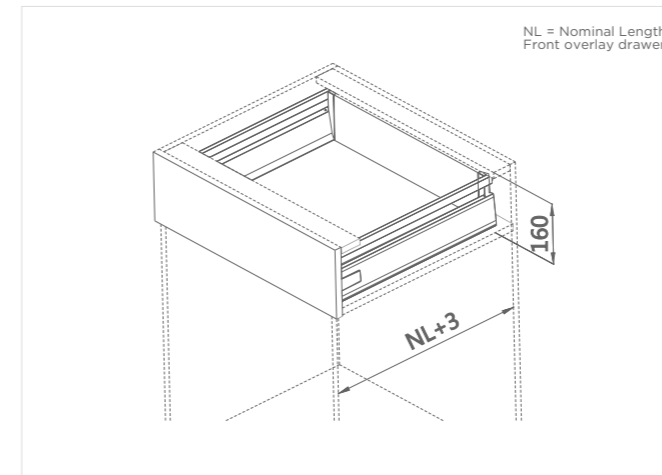


No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Drawer side profile left/right	
3	Front fixing bracket - screw on 2pc	
4	Back panel fixing connector left / right	
5	Rectangle side rail left/right	
6	Brand name cover left/right	

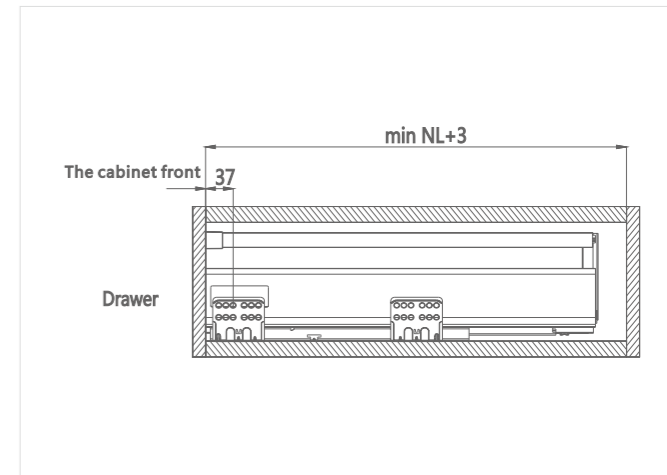
Nominal Length (mm/inch)	Snow Mountain White
500 mm (20")	814220
550 mm (22")	814225

* Other length or color please contact HIGOLD

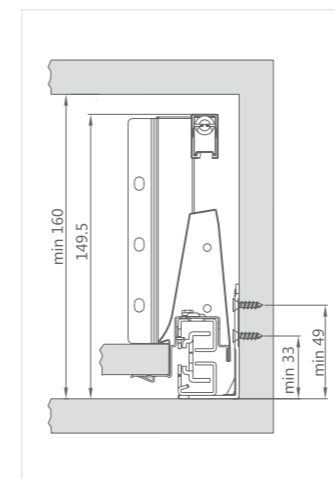
Space Required



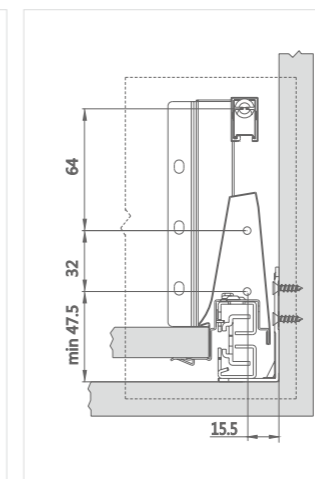
Drawer Runner To Cabinet-Overlay Front



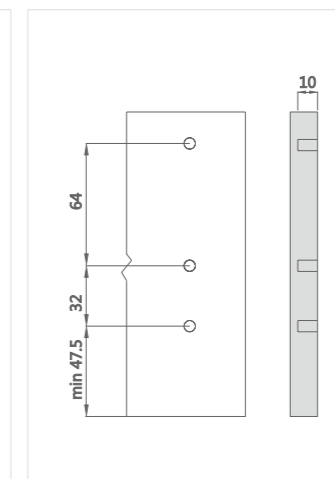
Cabinet Space Requirement



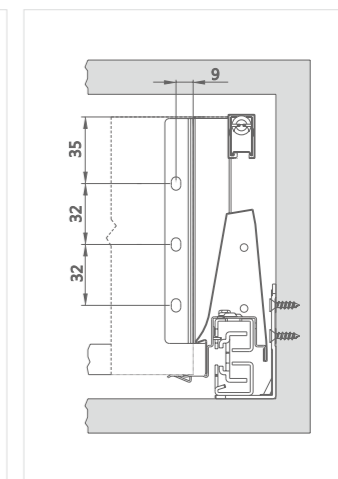
Installation Dimensions - Front



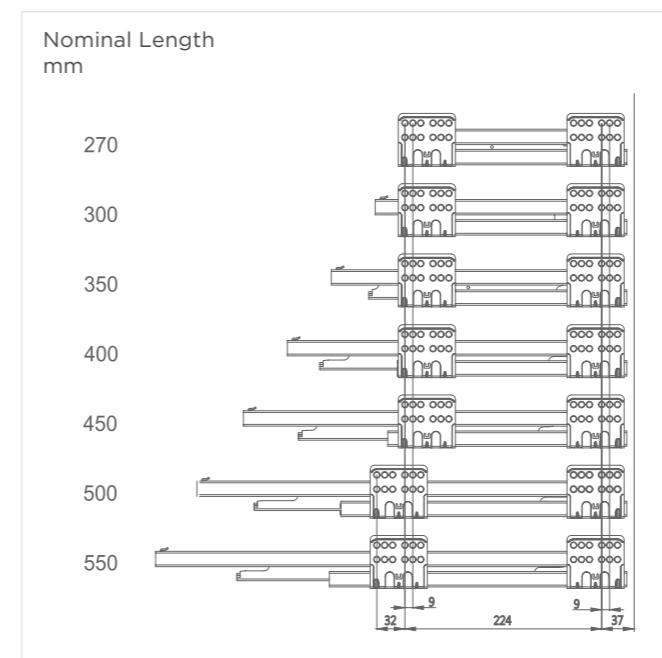
Drilling Distance - Front



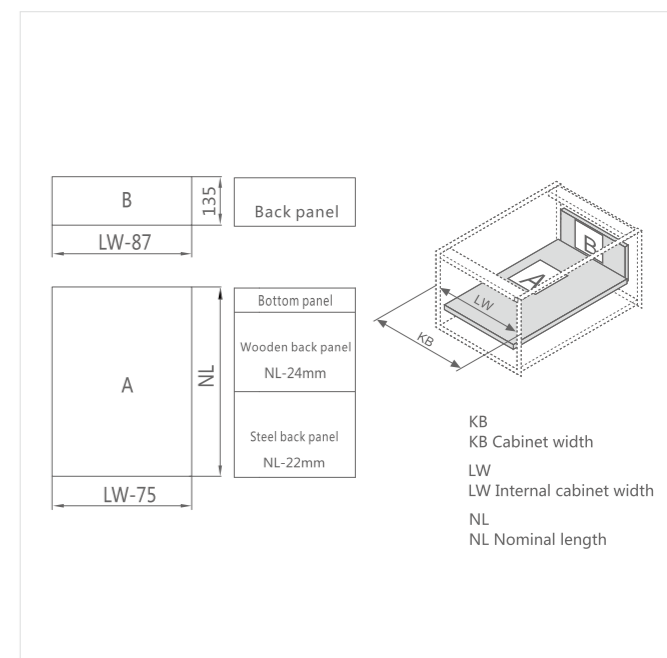
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD INMAGIC Double Wall Drawer System

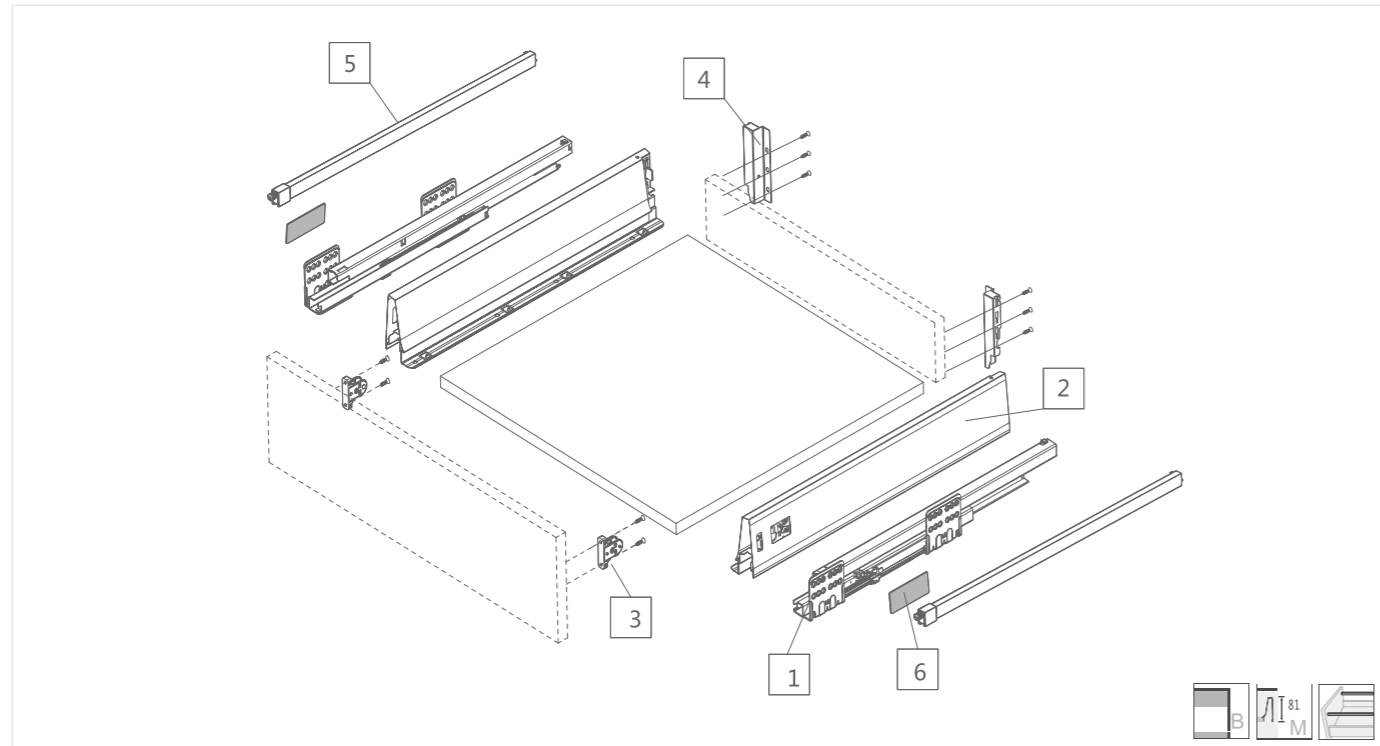
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height B-Rectangle rail



Feature

- Concealed full extension runner - Excellent running action - for the lifetime of the furniture
 - B Drawer Height
 - Tool - free drawer to front panel assembly
 - 2 - dimensional front panel adjustment
 - Integrated HIMOTION for silent closing
 - Length : 270mm to 550mm (10" to 22")
 - Dynamic loading 40 KG*
- * Note: Max . load based on 450mm (18") slides

Drawer Components

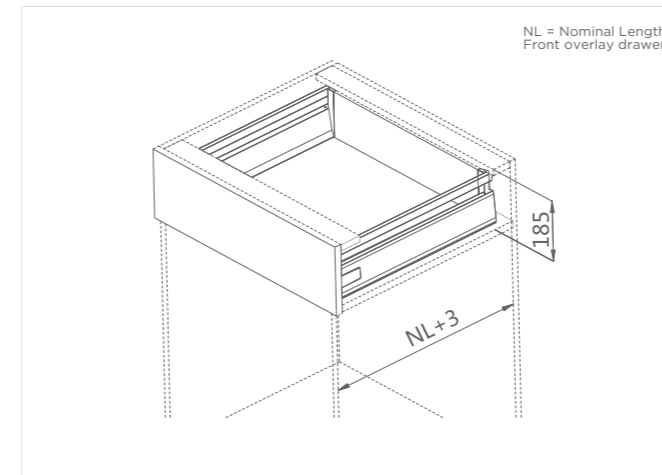


No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Drawer side profile left/right	
3	Front fixing bracket - screw on 2pc	
4	Back panel fixing connector left / right	
5	Rectangle side rail left/right	
6	Brand name cover left/right	

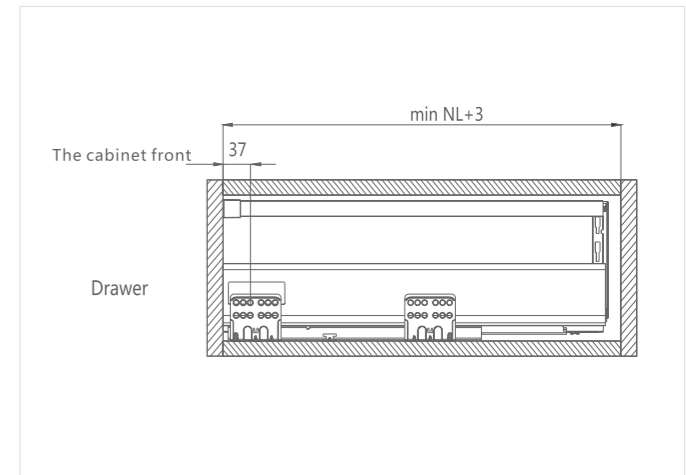
Nominal Length (mm/inch)	Snow Mountain White	Titanium Gray
350 mm (14")	814221	814231
400 mm (16")	814222	814232
450 mm (18")	814223	814233
500 mm (20")	814224	814234

* Other length or color please contact HIGOLD

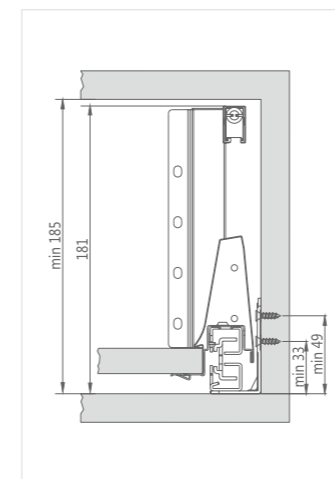
Space Required



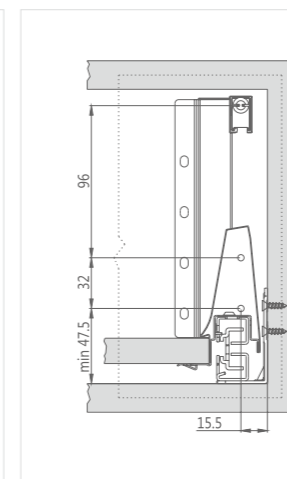
Drawer Runner To Cabinet-Overlay Front



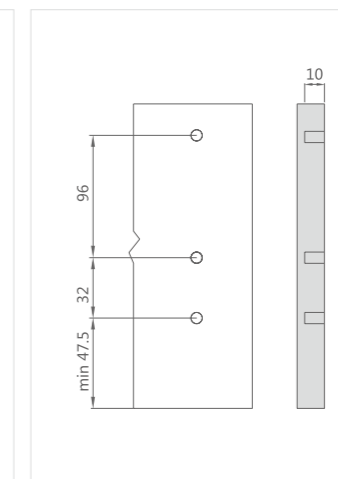
Cabinet Space Requirement



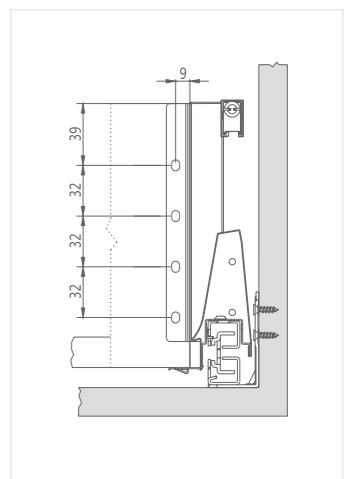
Installation Dimensions - Front



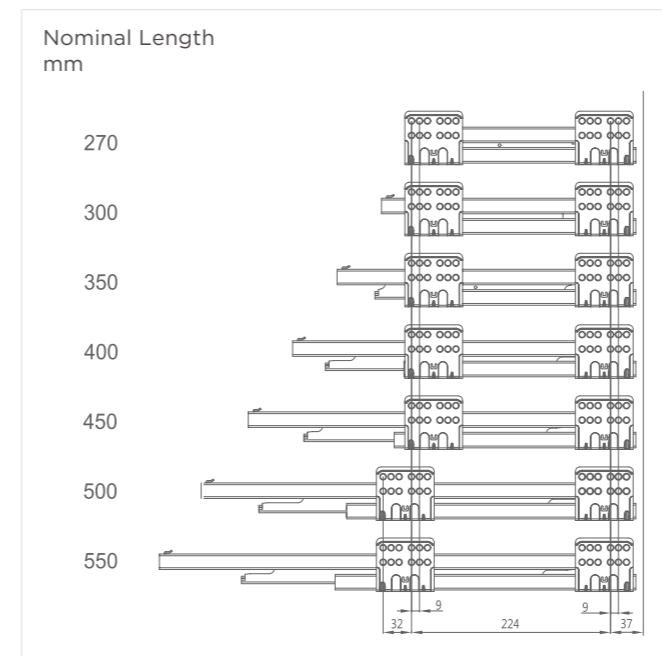
Drilling Distance - Front



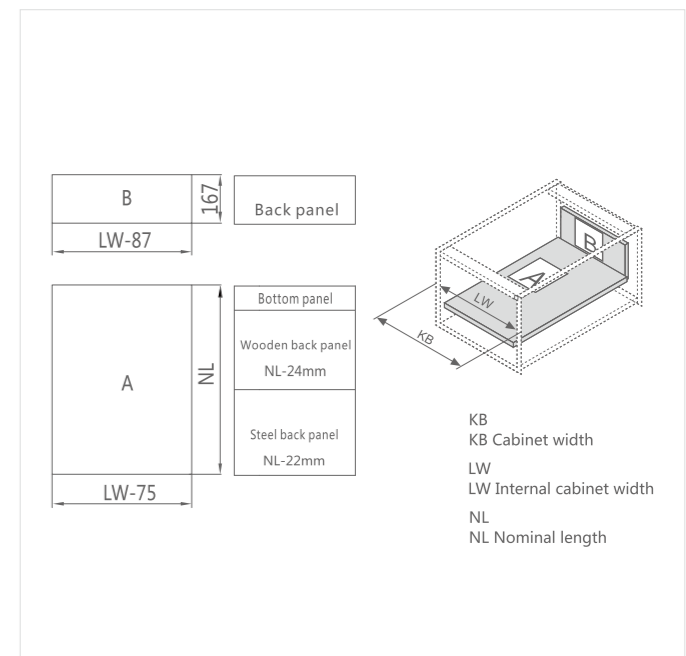
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD INMAGIC Double Wall Drawer System

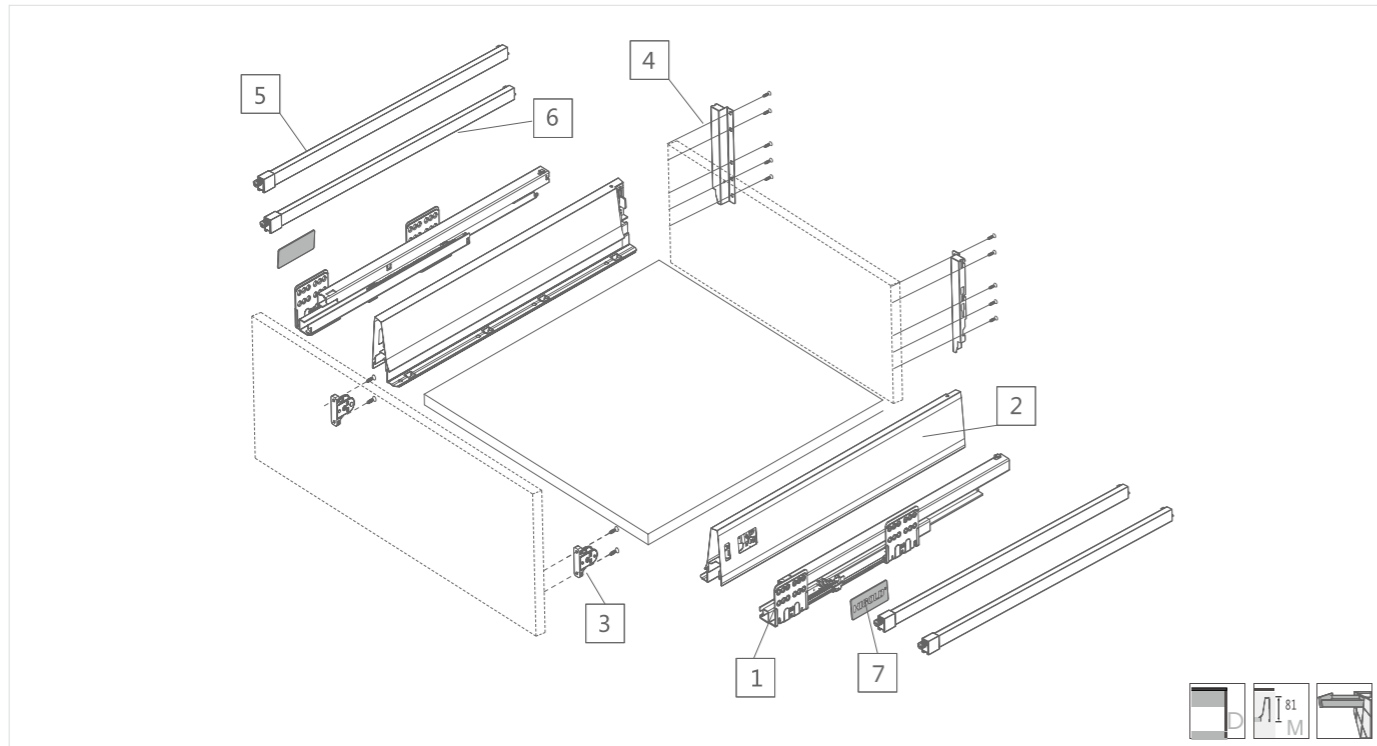
- Standard cabinet, bottom and back panel 16 mm
- Drawer height D - Double Rectangle rails



Feature

- Concealed full extension runner - Excellent running action - for the lifetime of the furniture
- D Drawer Height
- Tool - free drawer to front panel assembly
- 2 - dimensional front panel adjustment
- Integrated HIMOTION for silent closing
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note: Max . load based on 450mm (18") slides

Drawer Components

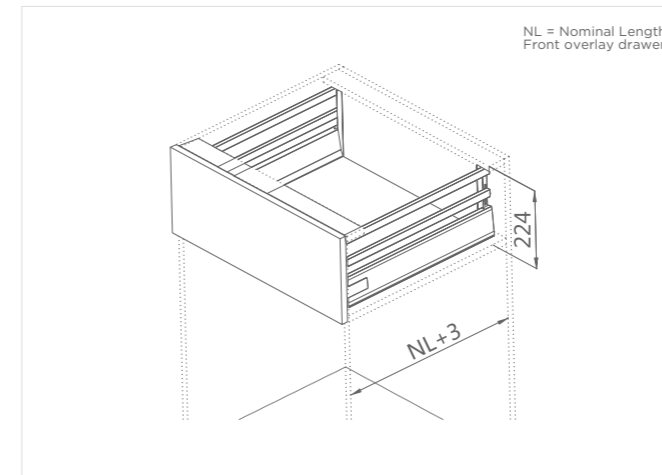


No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Drawer side profile left / right	
3	Front fixing bracket-screw on 2pc	
4	Back panel fixing connector left / right	
5	Rectangle side rail left/right	
6	Rectangle side rail - middle left/right	
7	Brand name cover left / right	

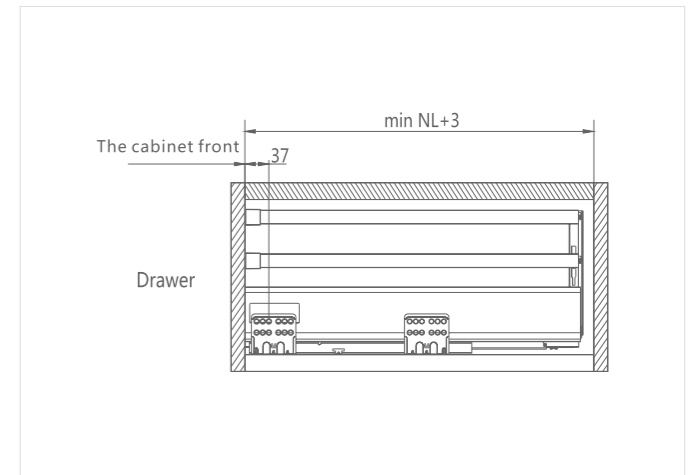
Nominal Length (mm/inch)	Galxy Gray
450 mm (18")	814333
500 mm (20")	814334
550 mm (22")	814335

* 814160 technical data same as 814334
* Other length or color please contact HIGOLD

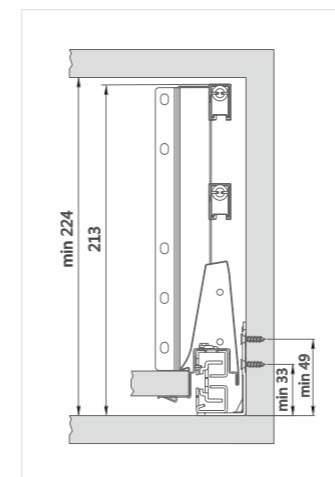
Space Required



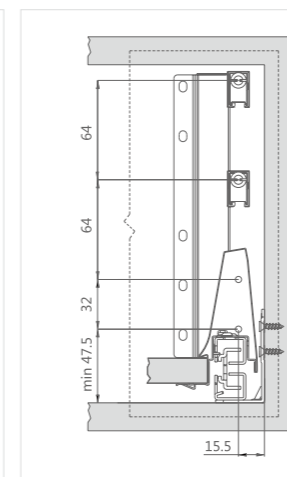
Drawer Runner To Cabinet-Overlay Front



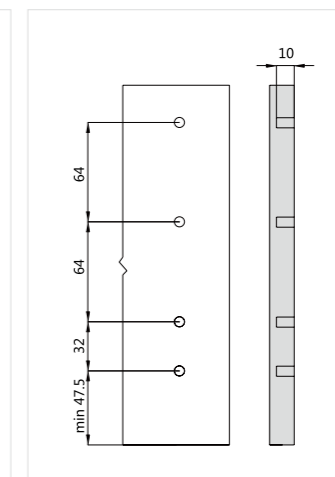
Cabinet Space Requirement



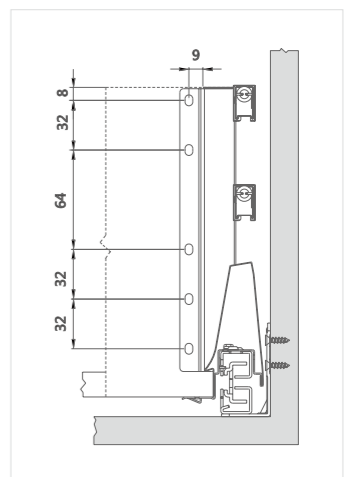
Installation Dimensions - Front



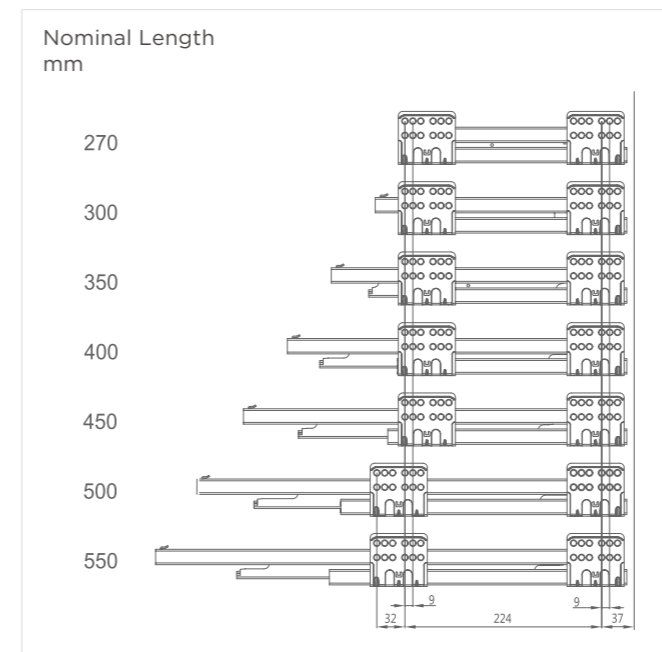
Drilling Distance - Front



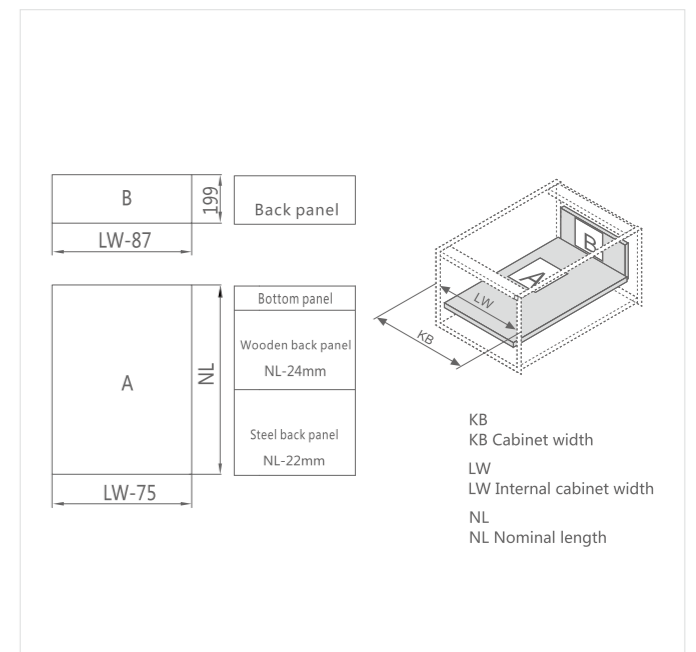
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions

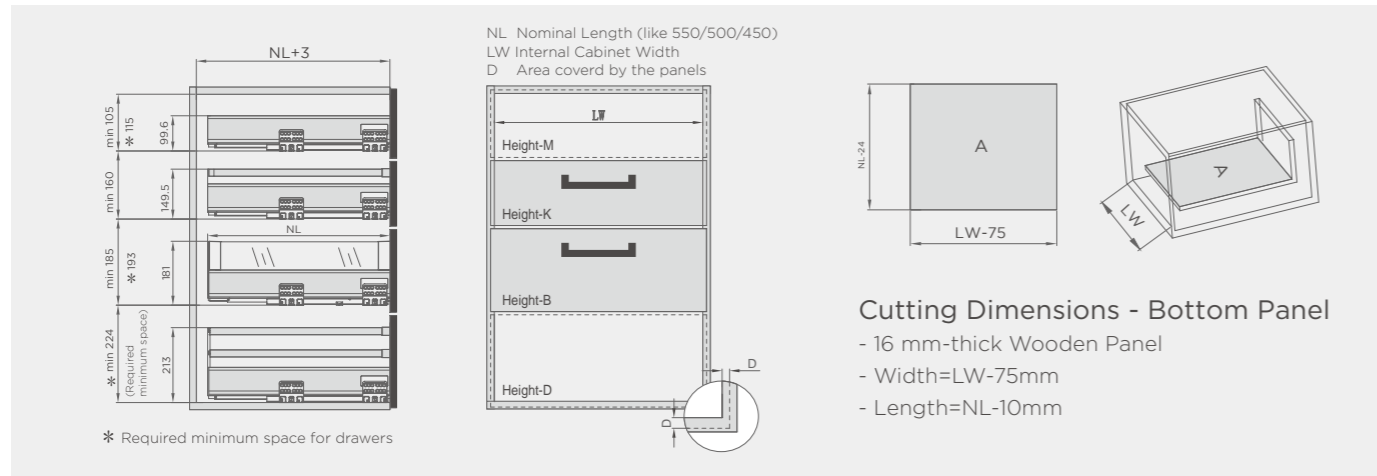


Bottom / Back Panel Cutting Dimension - Thickness 16 mm



Installation Instruction For INMAGIC - H Drawers

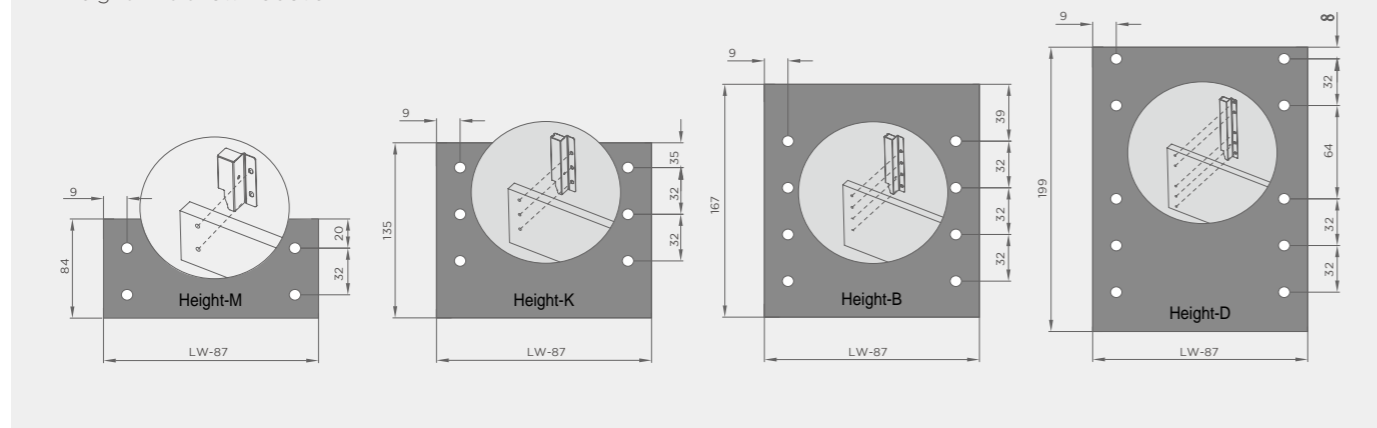
Cabinet Space Requirement



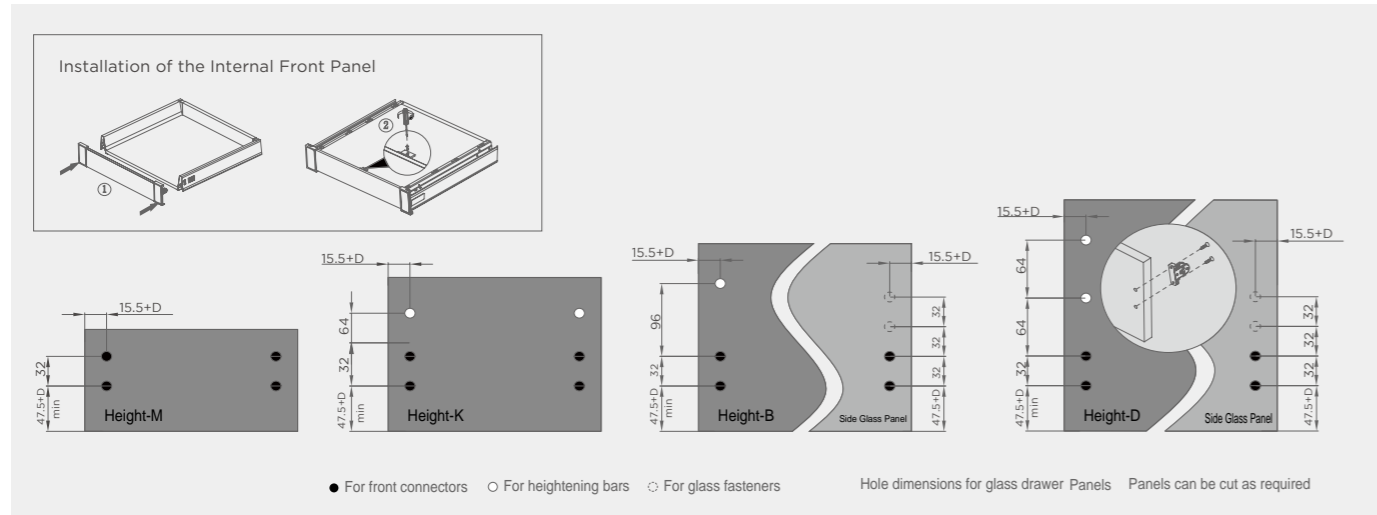
Installation Dimensions - Back Panel

Cutting Dimensions - Back Panel

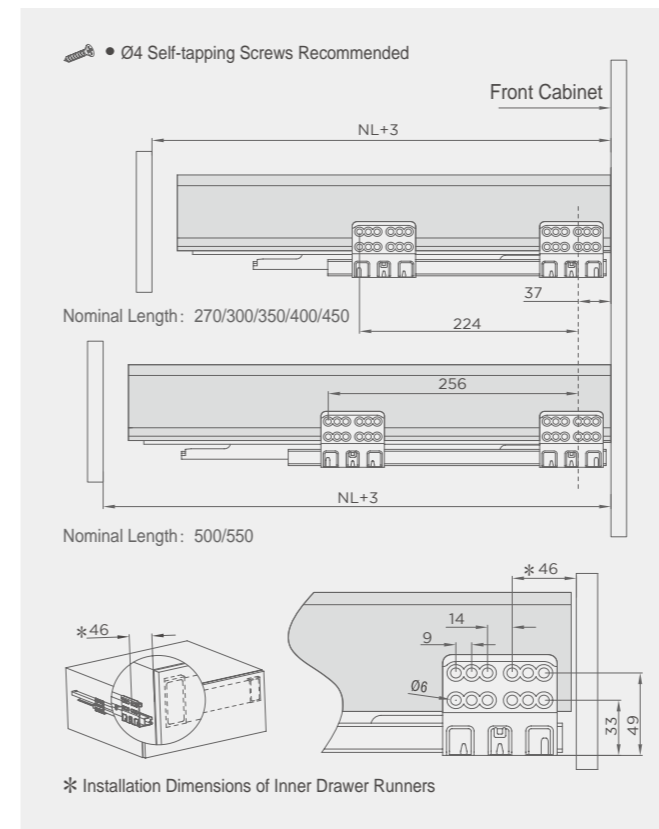
- 16 mm - thick Wooden Panel
- Width = LW - 84mm
- Height : As shown above



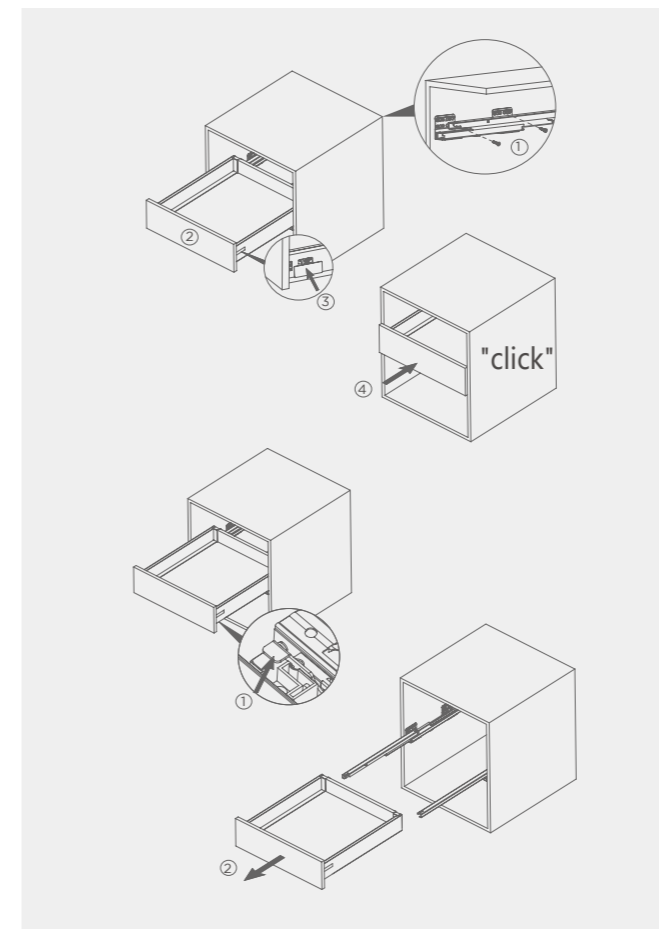
Hole Dimensions



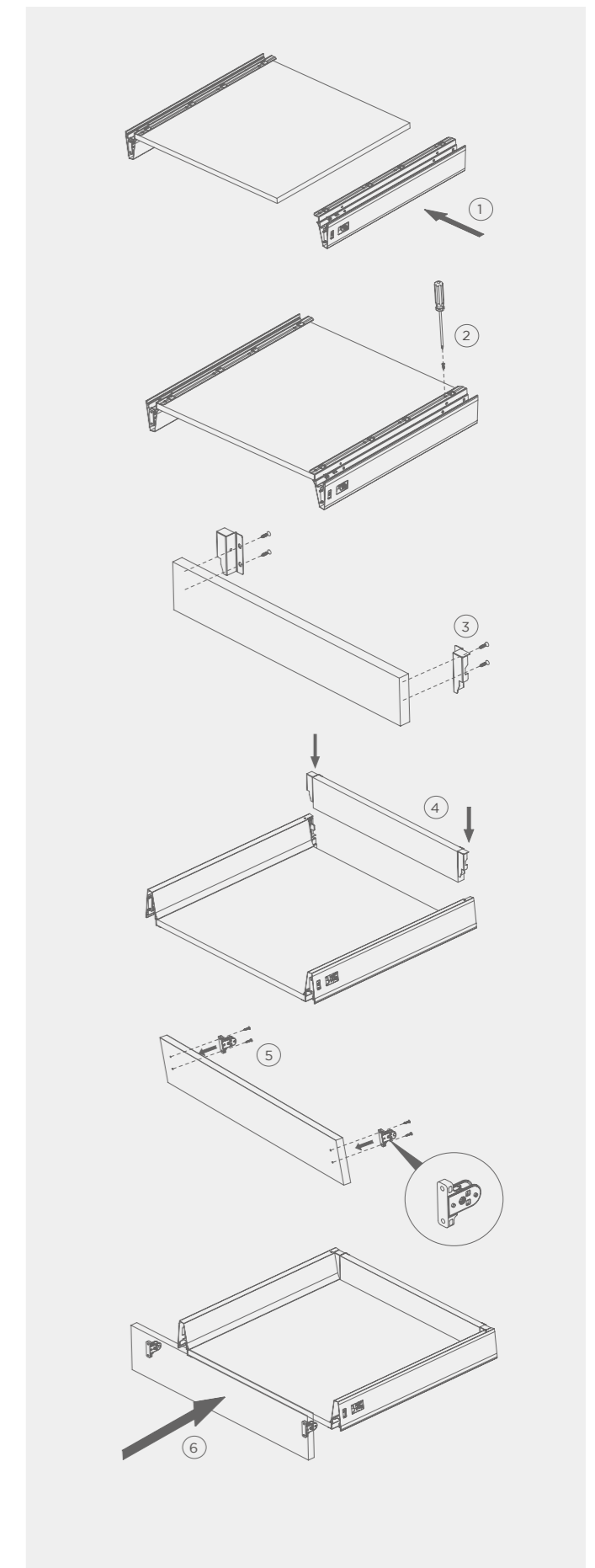
Installation Dimensions - Drawer Runners



Drawer Installation And disassembly

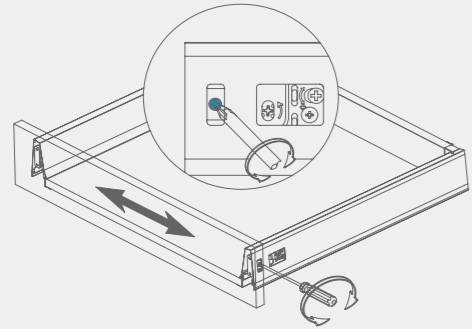


Drawer Installation

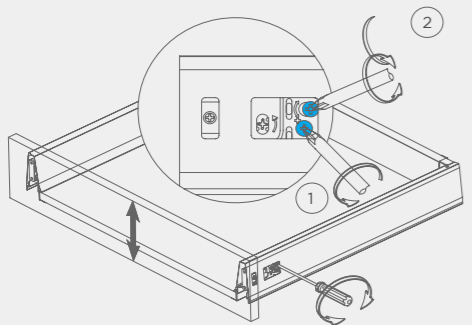


Installation Instruction For INMAGIC - H Drawers

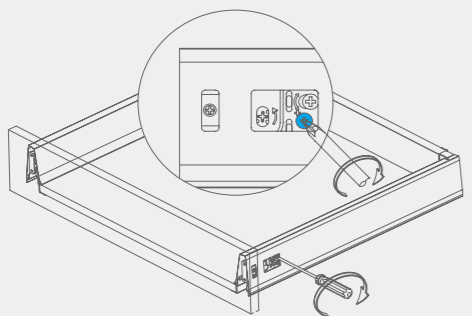
Adjustment



- ± 2 mm Rightward/Leftward Adjustment
- Use the corresponding adjustment screws during operation

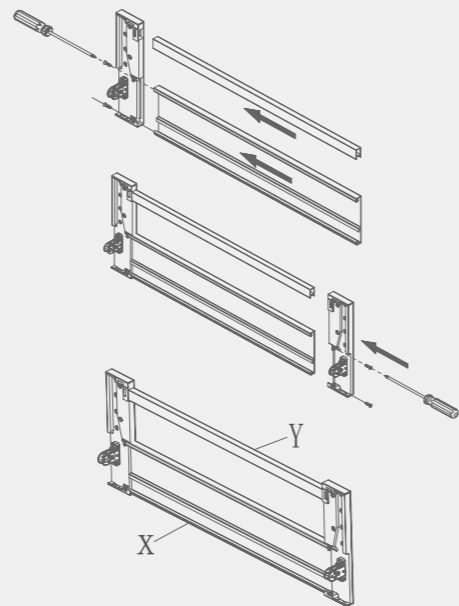


- ± 2 mm Upward/Downward Adjustment
- Unlock the screws before the operation



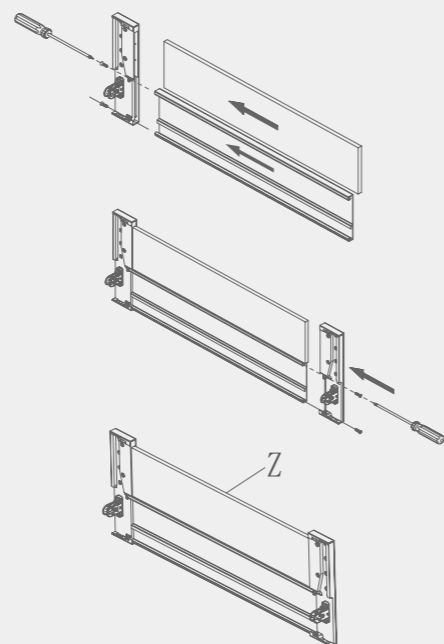
- Lock
- Lock the screws after adjustments

Installation of The Internal Front Panel With Railing For High Inner Drawers



- X Cutting Dimension for Internal Front Panel=LW-90
- Y Cutting Dimension for Square Bars=LW-92
- LW Internal Cabinet Width

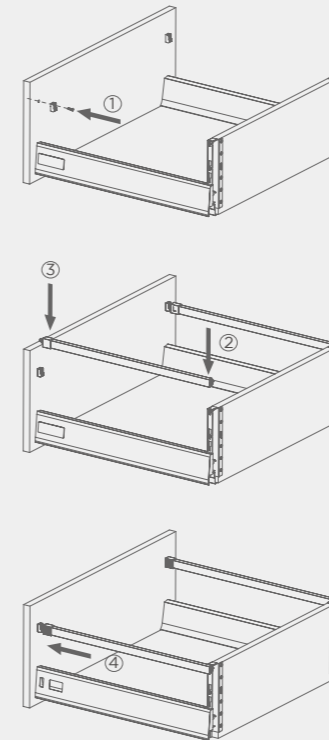
Installation of The Internal Front Panel With Heightening Panel For High Inner Drawers



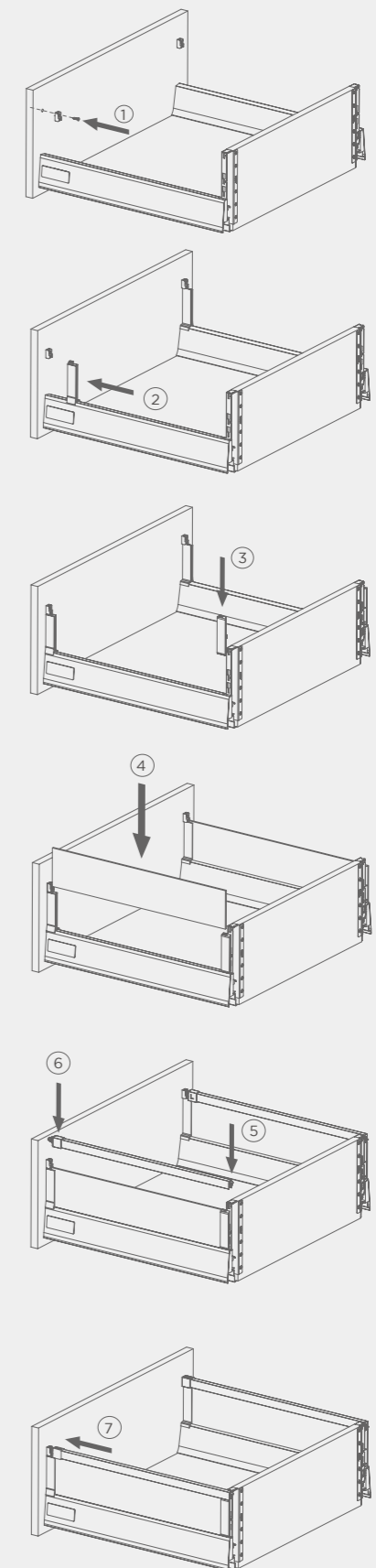
- Z Cutting Dimension of Internal Heightening Panel=LW-98
- LW Internal Cabinet Width

Installation of Square Bars

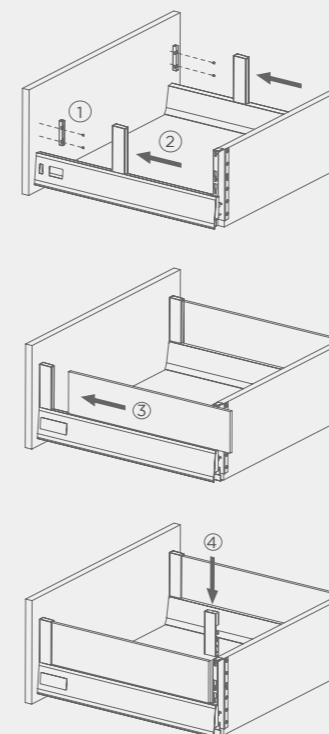
Same for installation of round bars



Installation of Square Bars And Side Glass Panels



Installation of Square Bars



HIGOLD Luxury Double Wall Drawer System

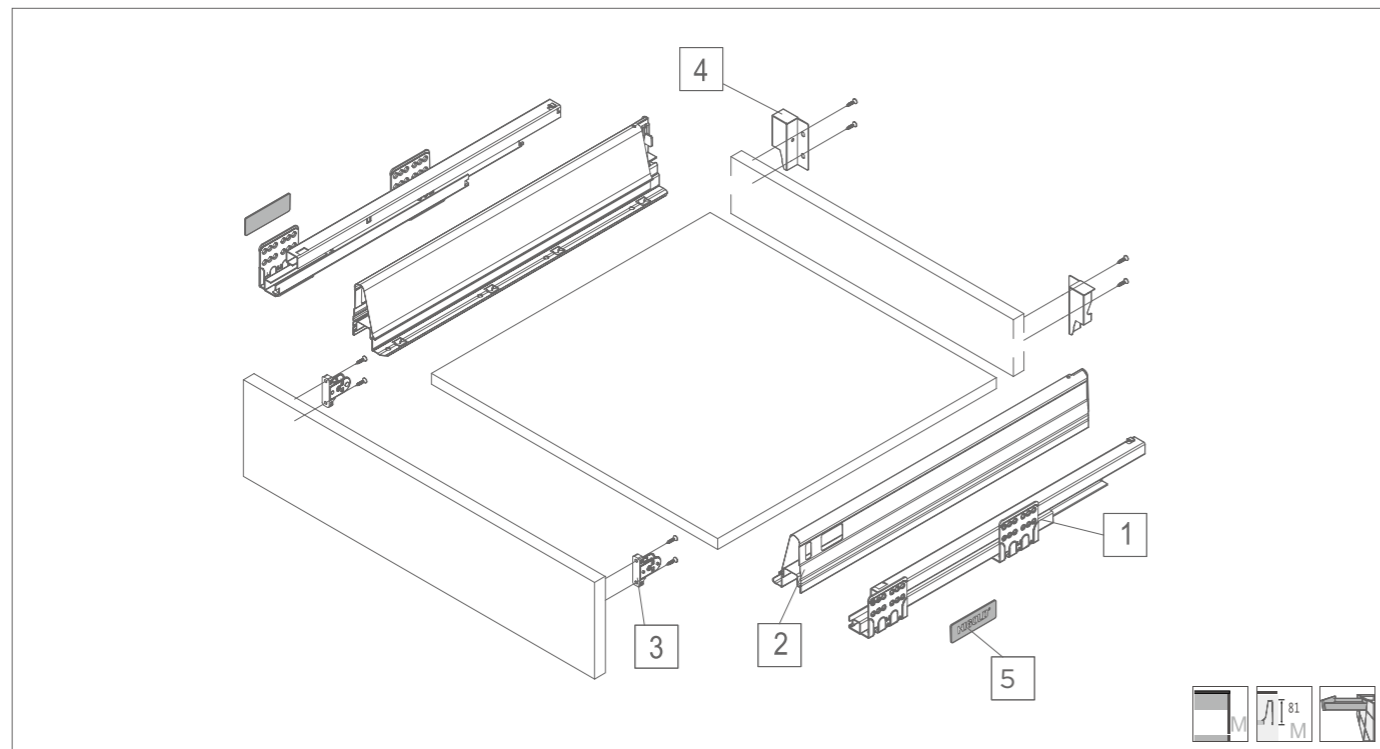
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height M



Feature

- Concealed full extension runner - Excellent running action- for the lifetime of the furniture
- M Drawer Height
- Tool - free drawer to front panel assembly
- 2 - dimensional front panel adjustment
- Integrated HIMOTION for silent closing
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note: Max . load based on 450 mm (18") slides

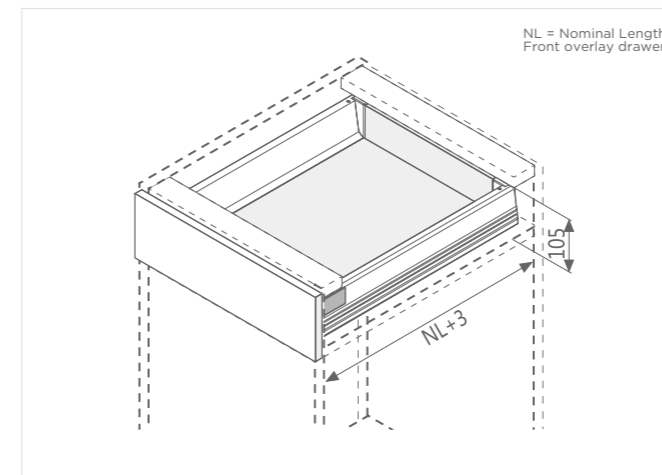
Drawer Components



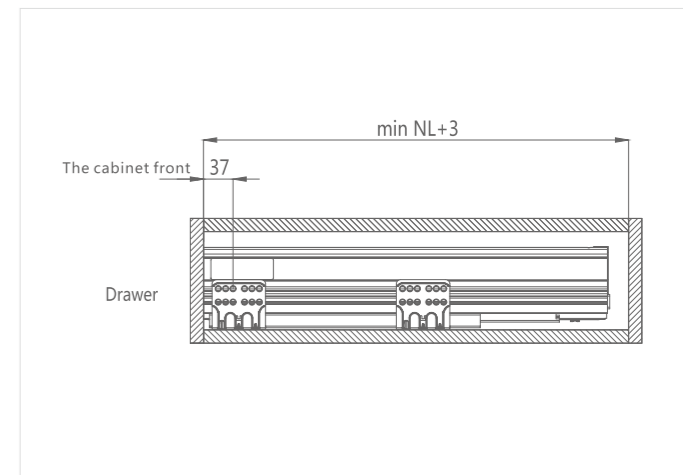
No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Slim drawer side profile left / right	
3	Front fixing bracket - screw on 2pc	
4	Back panel fixing connector left / right	
5	Brand name cover left / right	

Nominal Length (mm/inch)	Galxy Gray
270 mm (11")	811001
300 mm (12")	811002
350 mm (14")	811003
400 mm (16")	811004
450 mm (18")	811005
500 mm (20")	811006
550 mm (22")	811007

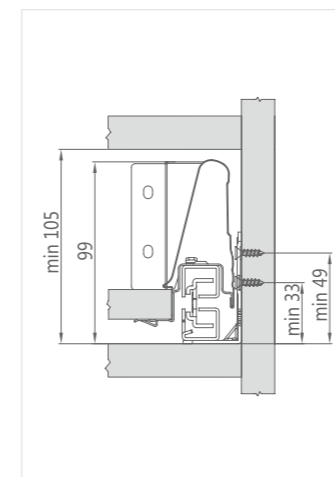
Space Required



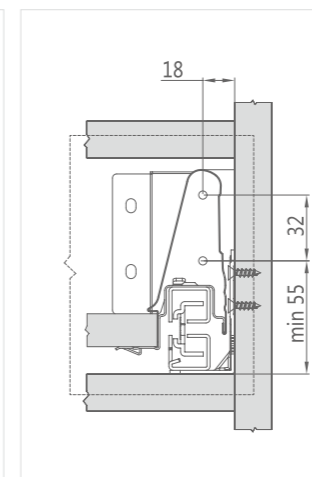
Drawer Runner To Cabinet-Overlay Front



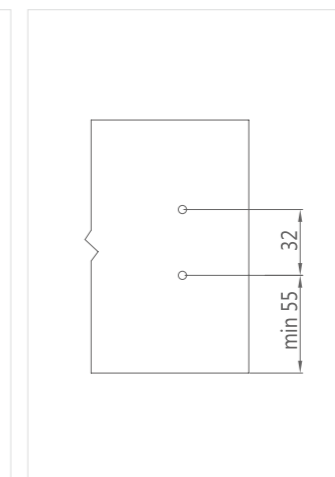
Cabinet Space Requirement



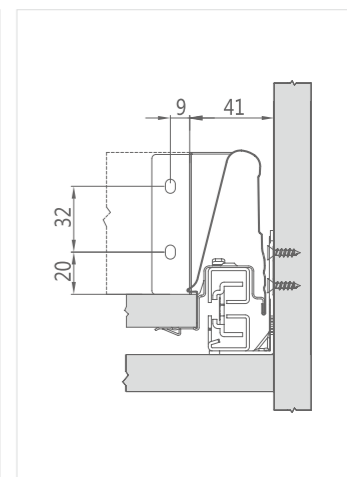
Installation Dimensions - Front



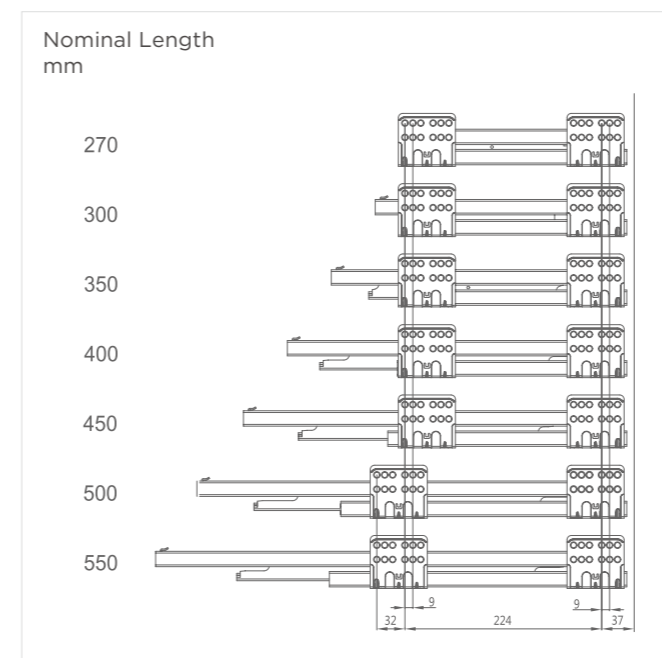
Drilling Distance - Front



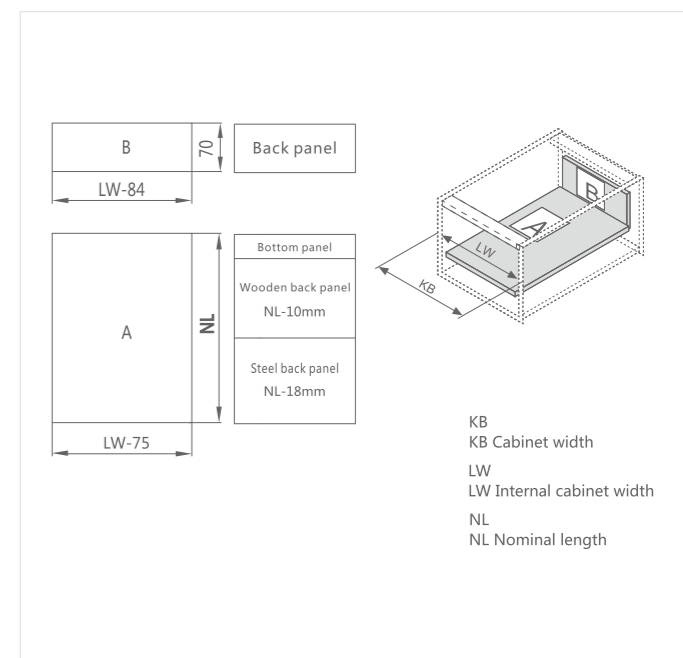
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD Luxury Double Wall Drawer System

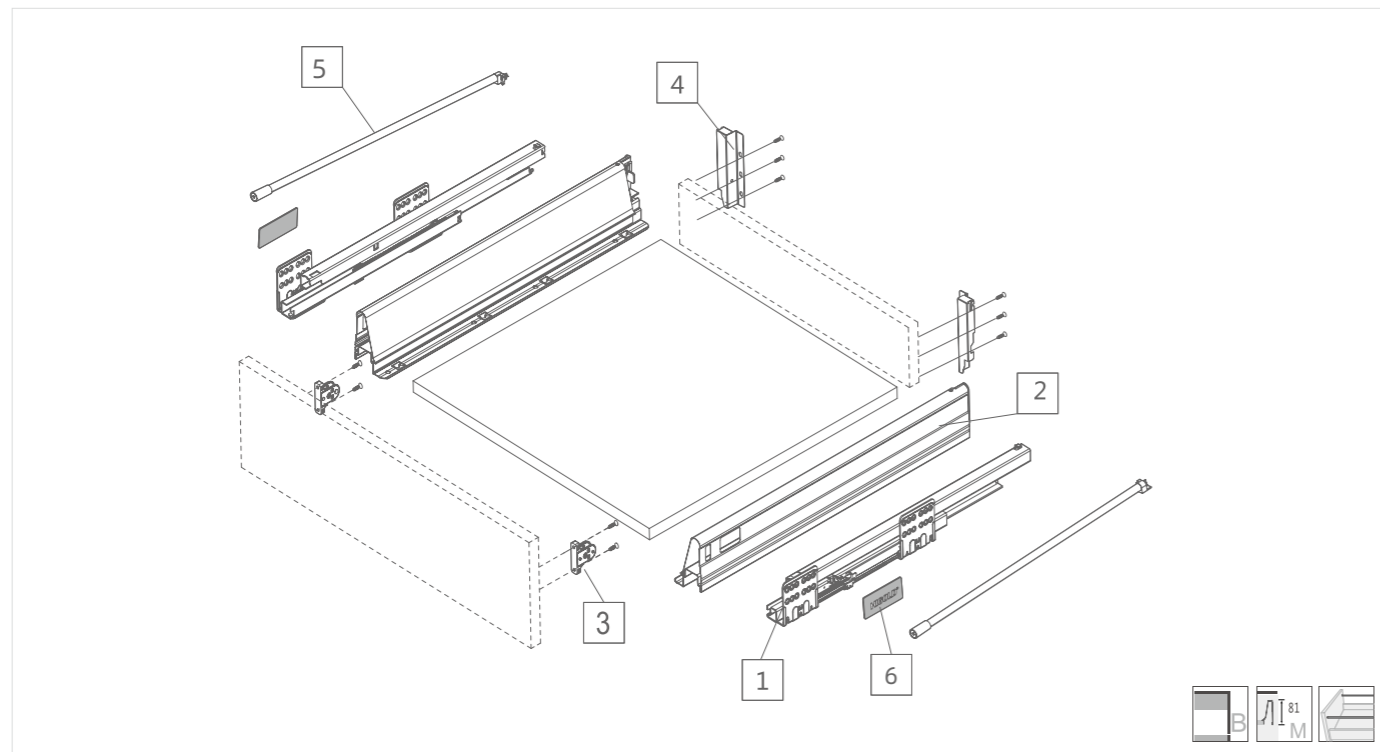
- Standard cabinet , full extension drawer with bottom and back panel 16 mm
- Drawer height B - round rail



Feature

- Concealed full extension runner - Excellent running action - for the lifetime of the furniture
- B drawer height
- Tool - free drawer to front panel assembly
- 2 - dimensional front panel adjustment
- Integrated HIMOTION for silent closing
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note: Max . load based on 450 mm (18") slides

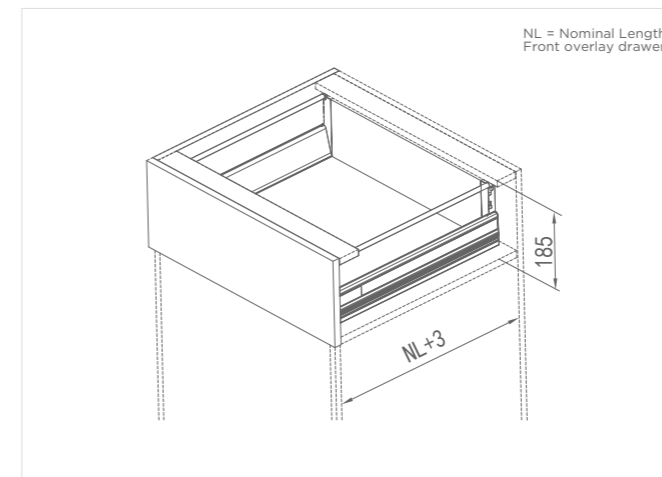
Drawer Components



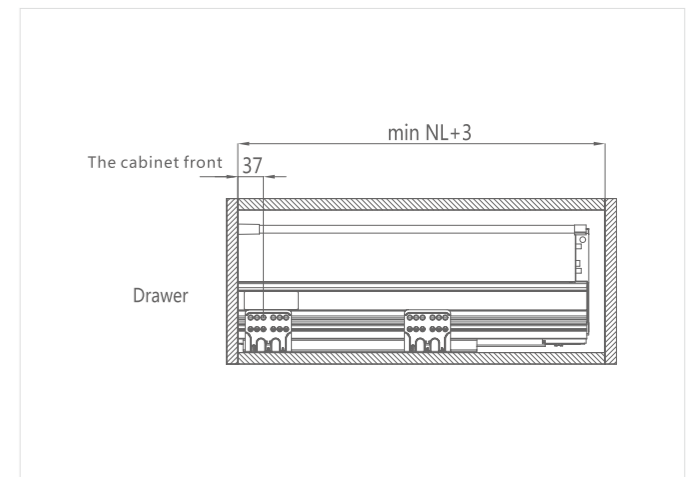
No.	Components for 1 set	Package / Carton
1	Cabinet runner left / right	6 sets
2	Drawer side profile left/right	
3	Front fixing bracket - screw on 2pc	
4	Back panel fixing connector left / right	
5	Round side rail left/right	
6	Brand name cover left/right	

Nominal Length (mm/inch)	Galxy Gray
270 mm (11")	811008
300 mm (12")	811009
350 mm (14")	811010
400 mm (16")	811011
450 mm (18")	811012
500 mm (20")	811013
550 mm (22")	811014

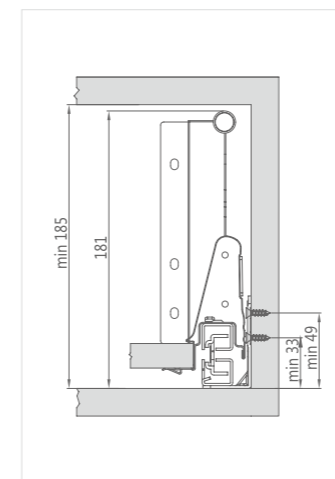
Space Required



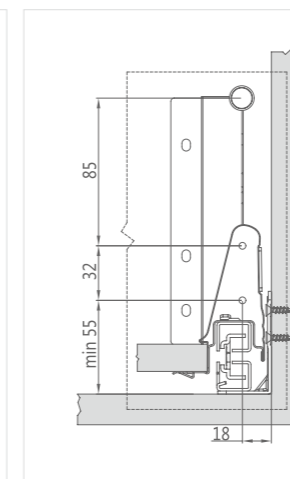
Drawer Runner To Cabinet-Overlay Front



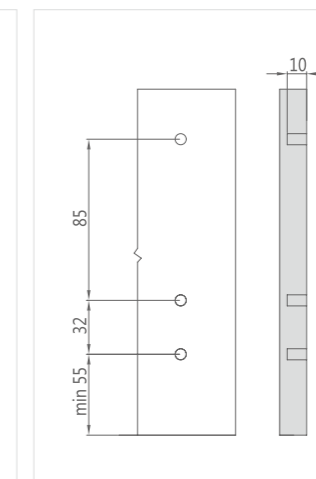
Cabinet Space Requirement



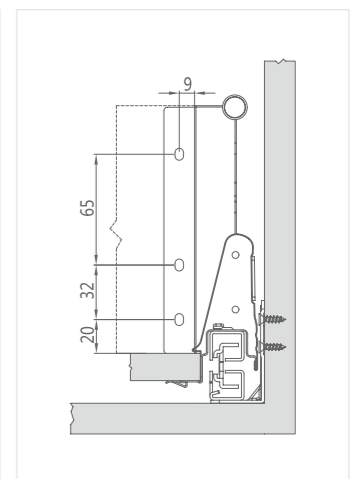
Installation Dimensions - Front



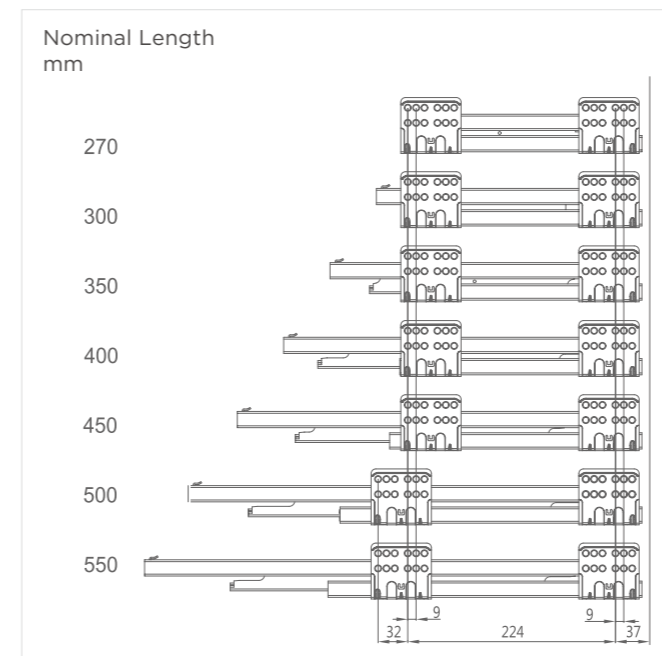
Drilling Distance - Front



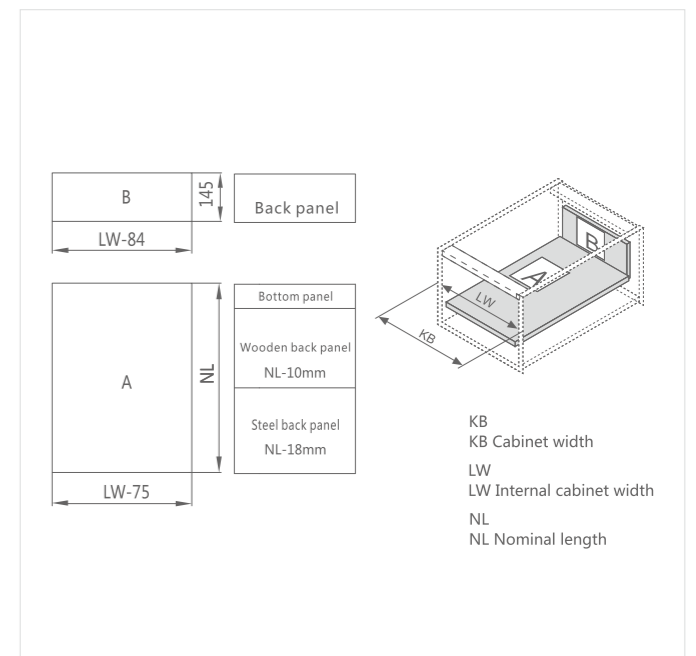
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions



Bottom / Back Panel Cutting Dimension - Thickness 16 mm



HIGOLD Luxury Double Wall Drawer System

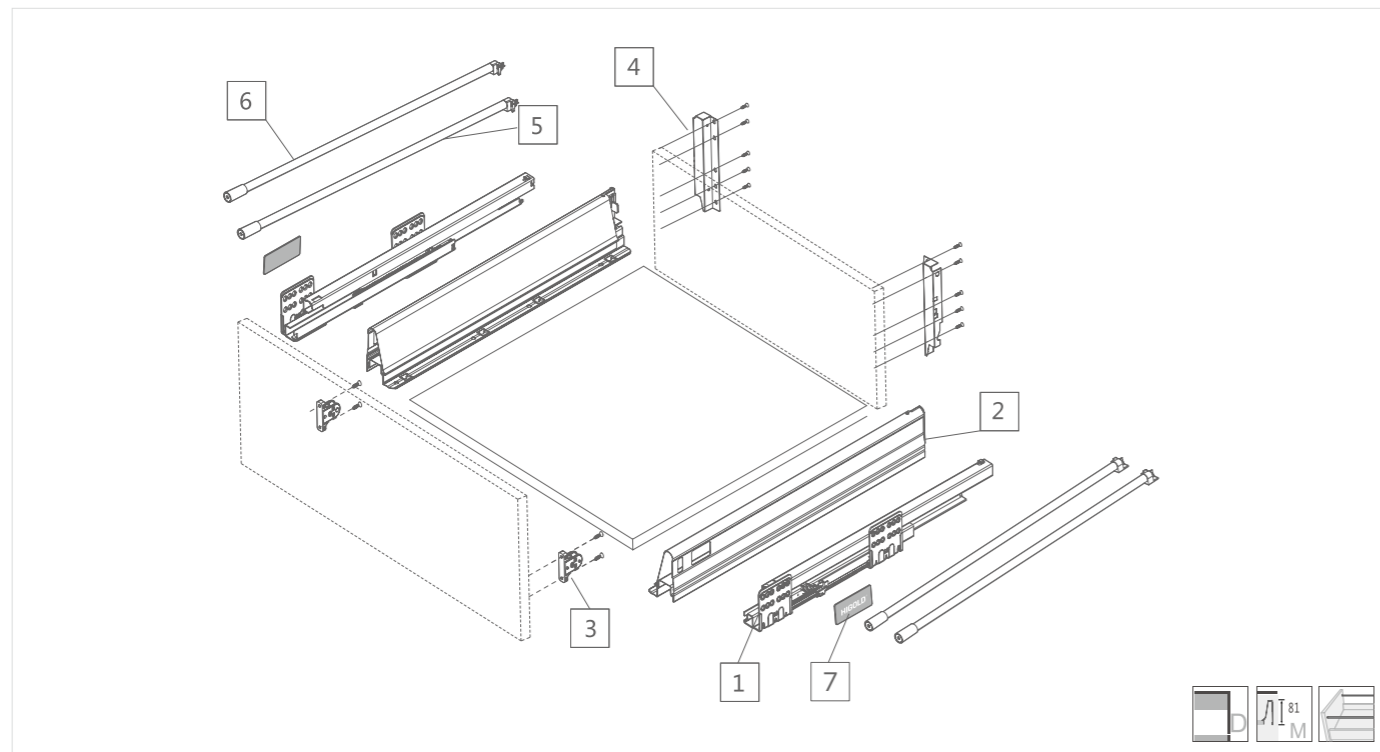
- Standard cabinet , bottom and back panel 16 mm
- Drawer height D - Double round rails



Feature

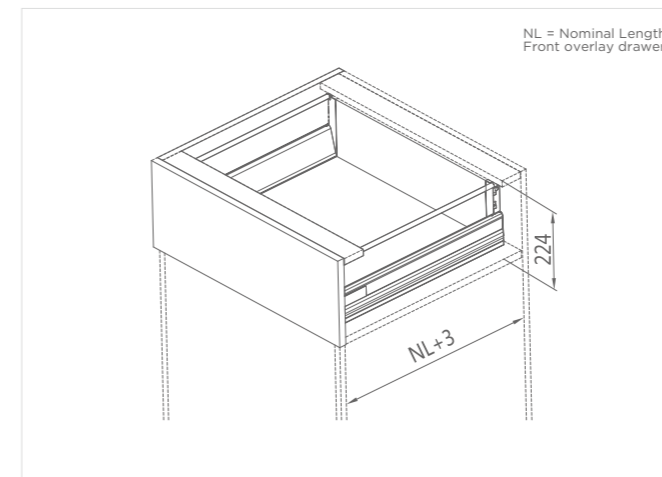
- Concealed full extension runner - Excellent running action- for the lifetime of the furniture
- D Drawer Height
- Tool - free drawer to front panel assembly
- 2 - dimensional front panel adjustment
- Integrated HIMOTION for silent closing
- Length : 270mm to 550mm (10" to 22")
- Dynamic loading 40 KG*
- * Note: Max . load based on 450 mm (18") slides

Drawer Components

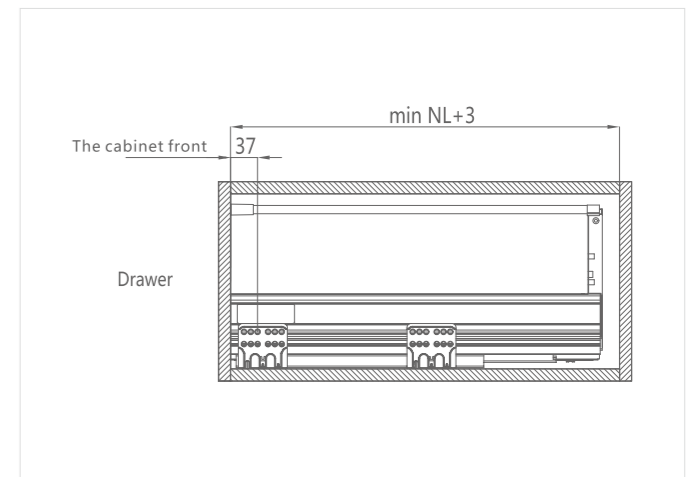


No.	Components for 1 set	Package / Carton	Nominal Length (mm/inch)	Galxy Gray
1	Cabinet runner left / right	6 sets	270 mm (11")	811022
2	Drawer side profile left / right		300 mm (12")	811023
3	Front fixing bracket-screw on 2pc		350 mm (14")	811024
4	Back panel fixing connector left / right		400 mm (16")	811025
5	Round drawer rail left/right		450 mm (18")	811026
6	Round drawer rail - middle left/right		500 mm (20")	811027
7	Brand name cover left / right		550 mm (22")	811028

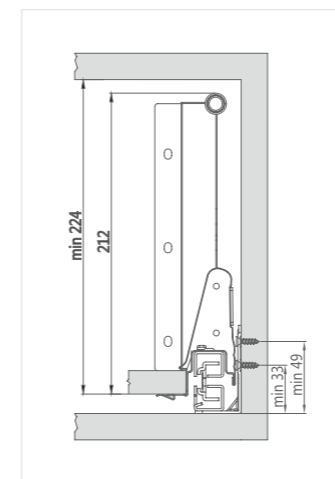
Space Required



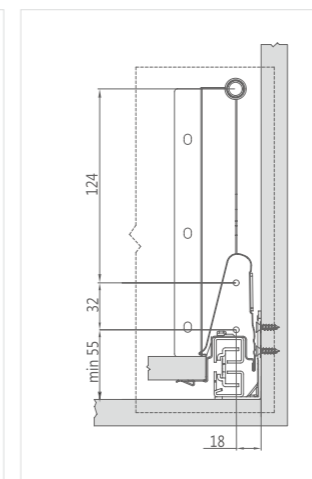
Drawer Runner To Cabinet-Overlay Front



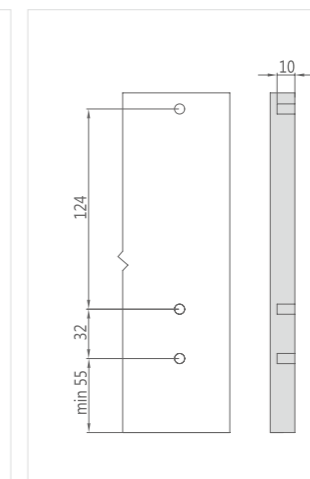
Cabinet Space Requirement



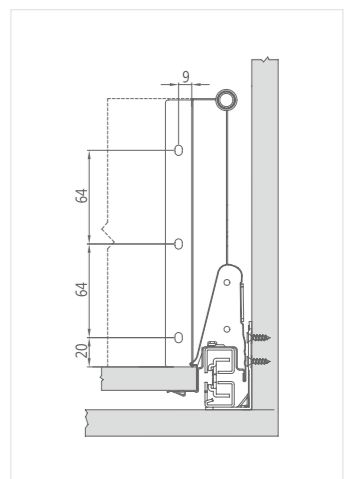
Installation Dimensions - Front



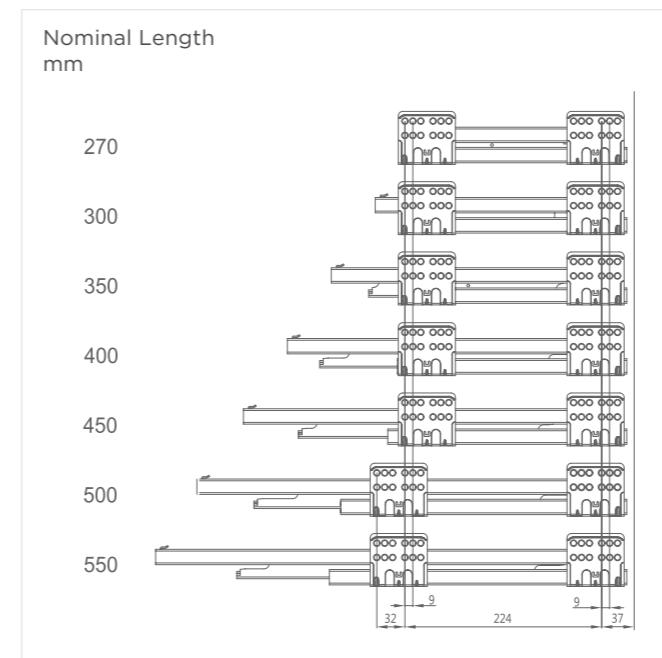
Drilling Distance - Front



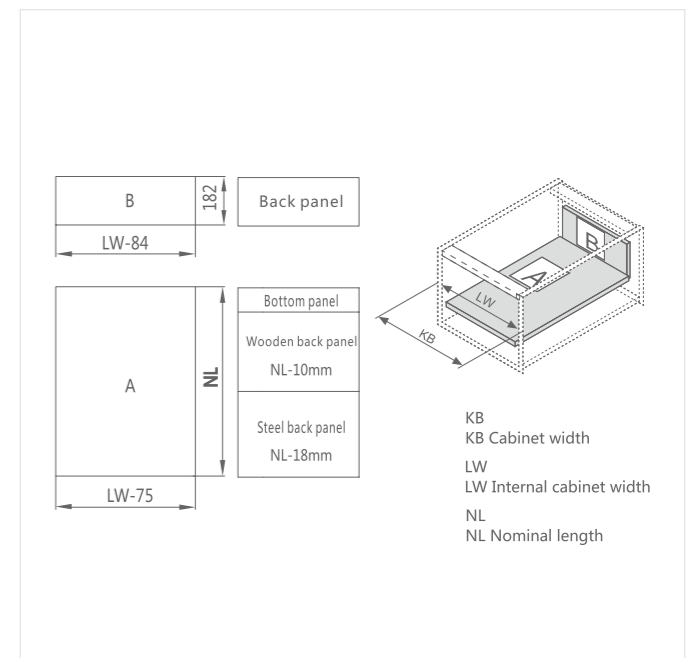
Installation Dimensions - Back



Cabinet Runner Mounting Dimensions

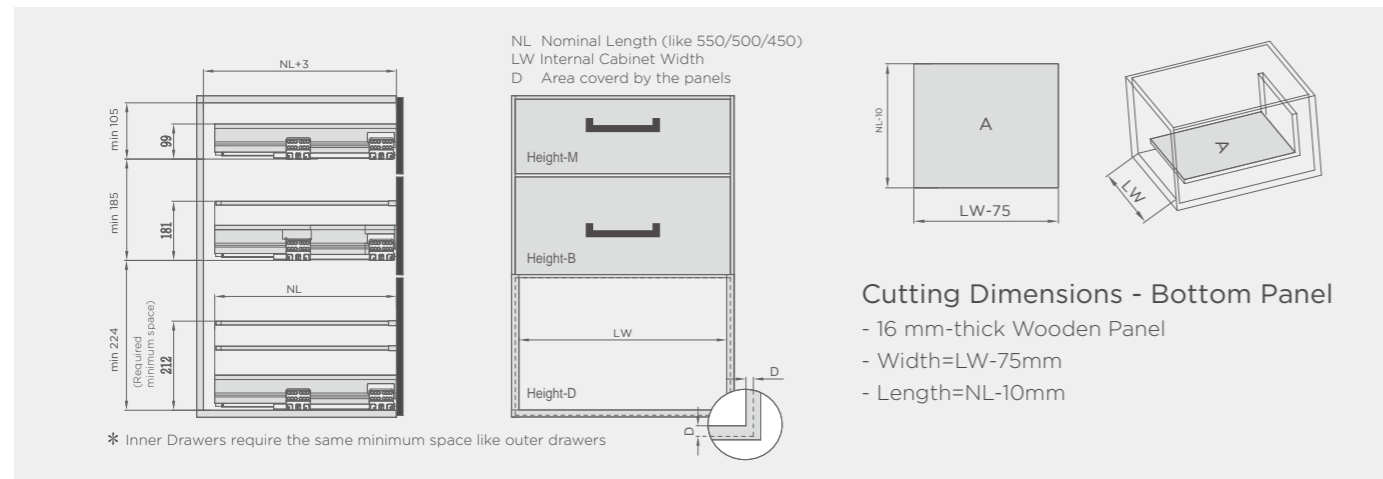


Bottom / Back Panel Cutting Dimension - Thickness 16 mm



Installation Instruction For Luxury Drawer System

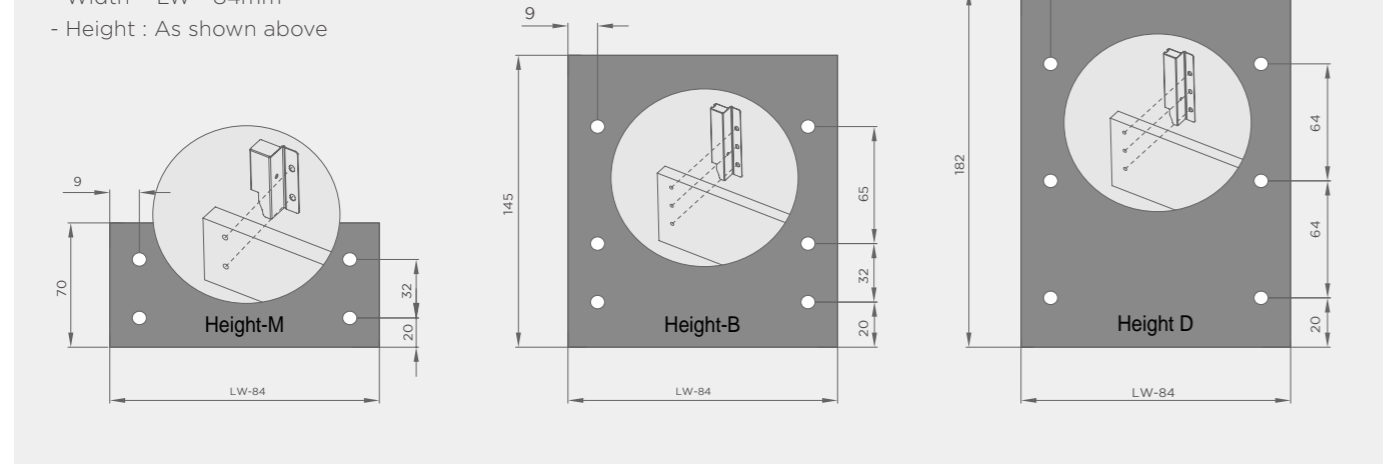
Cabinet Space Requirement



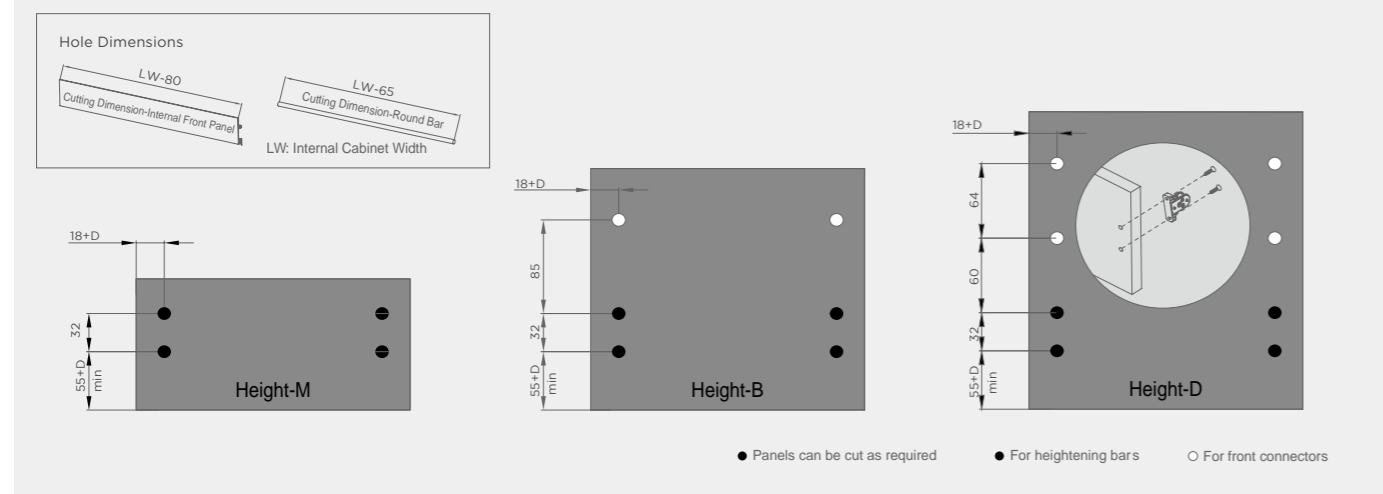
Installation Dimensions - Back Panel

Cutting Dimensions - Back Panel

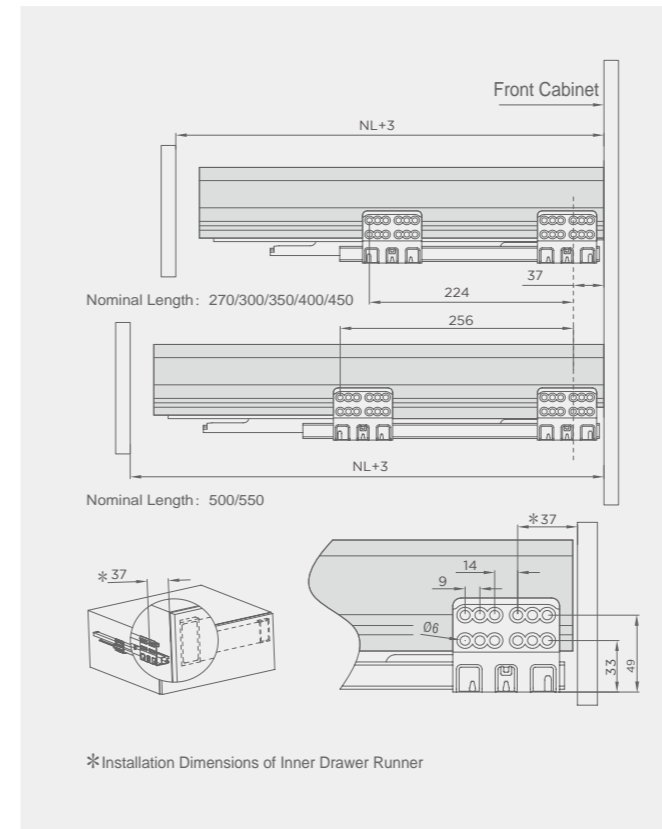
- 16 mm - thick Wooden Panel
- Width = LW - 84mm
- Height : As shown above



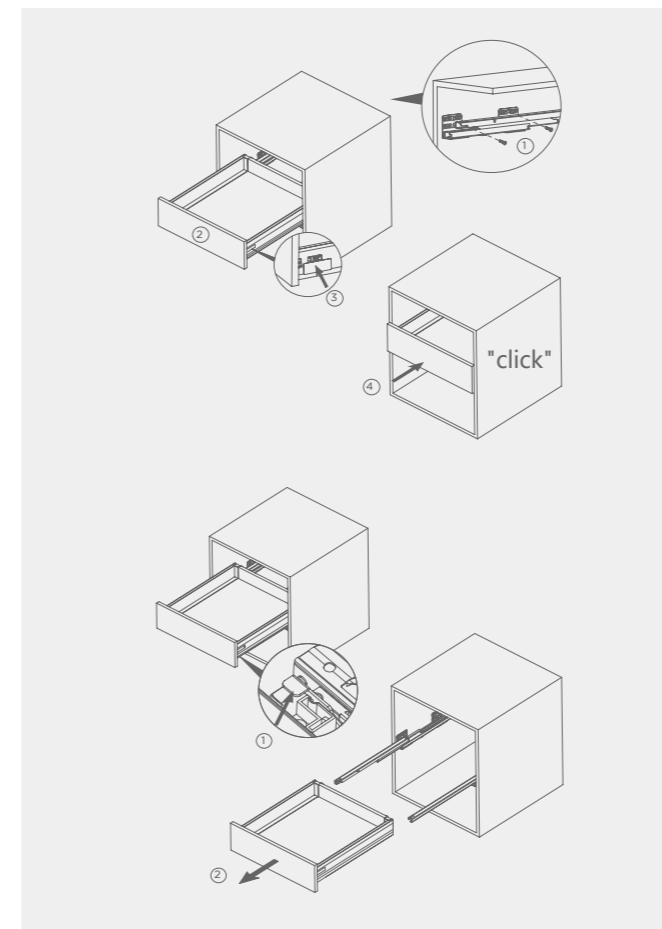
Hole Dimensions



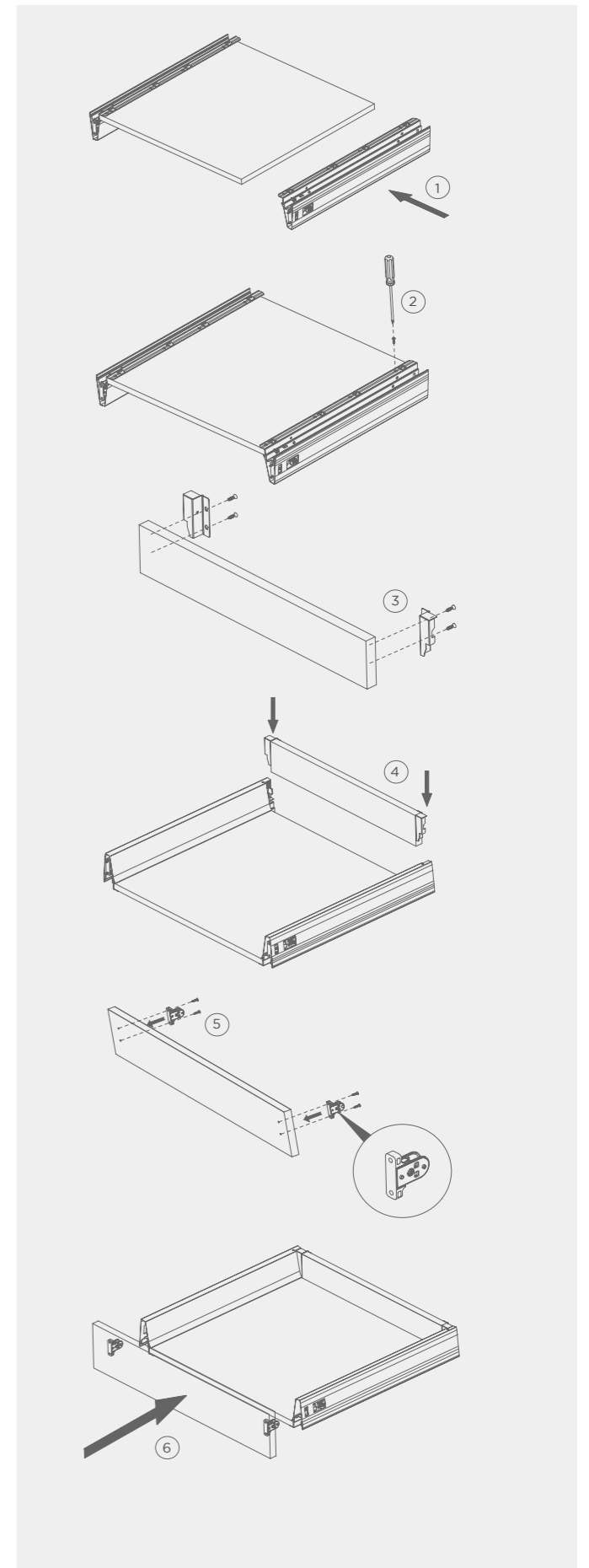
Installation Dimensions - Drawer Runners



Drawer Installation and disassembly

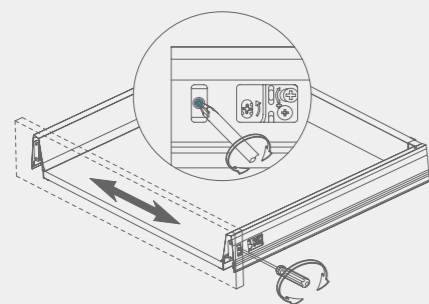


Drawer Installation

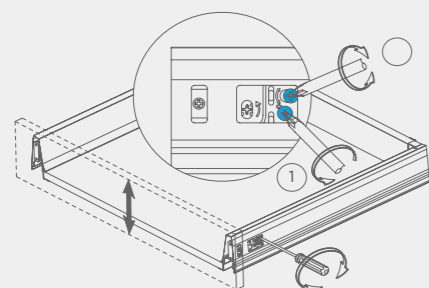


Installation Instruction For Luxury Drawer System

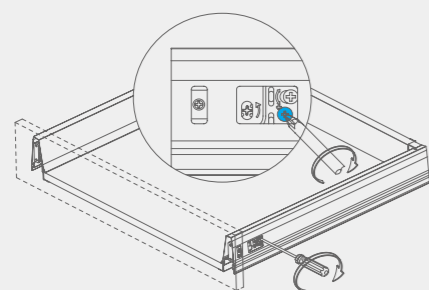
Adjustment



- ± 2 mm Rightward/Leftward Adjustment
- Use the corresponding adjustment screws during operation

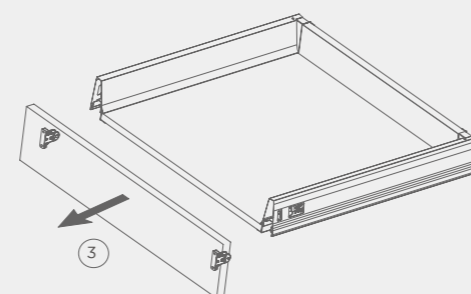
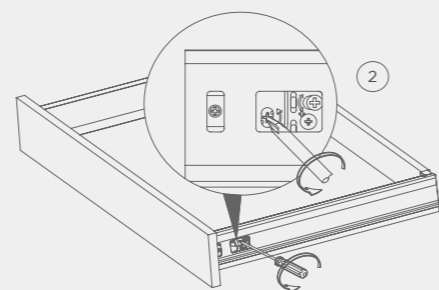
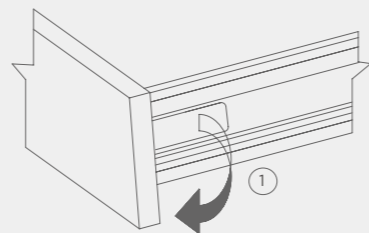


- ± 2 mm Upward/Downward Adjustment
- Unlock the screws before the operation

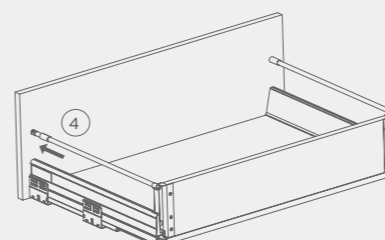
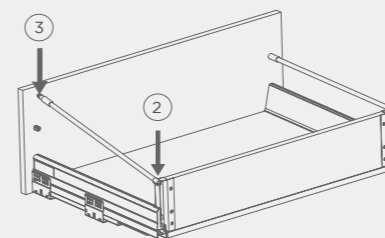
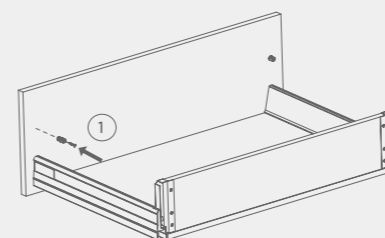


- Lock
- Lock the screws after adjustments

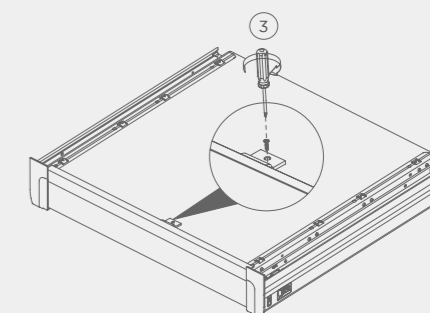
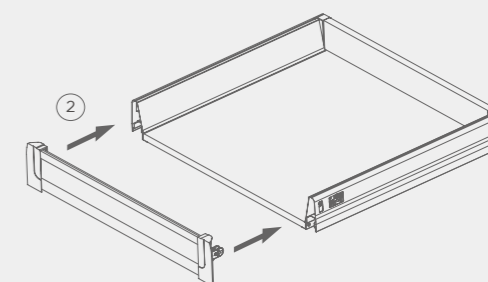
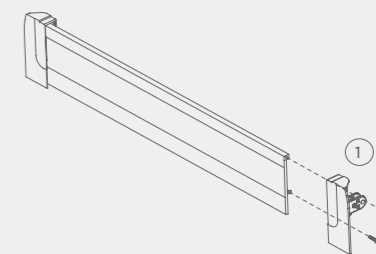
Installation of The Internal Front Panel



Installation of The Heightening Round Bars



Disassembly of Panels



GREATER IMAGINATION FOR SPACE DESIGN

Hanna lift up system for wall cabinets create additional storage space for home life, and a door-to-ceiling cabinet design organically combines aesthetics with practical functional elements. Integrated HIMOTION silent system, the door closes softly and quietly, allowing you to enjoy the beauty of life.



LIFT SYSTEM



Hanma Bi-folding
Door Lift System P104-106



Hanma GENI Free
Stay Lift System P107-110



Hanma CLASSIC
Small Stay Lift System P111-114



Hanma CLASSIC
Gas Spring P115-117



Hanma CLASSIC
Gas Spring - Luxury P115-117

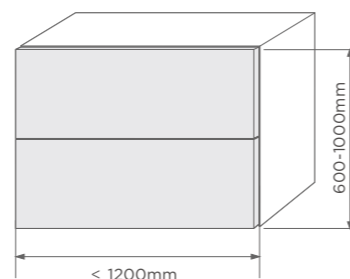


Hanma Bi-Folding Door Lift System

- Hanging cabinets with a high installation position and two-door panels can be fold
- Cabinets with a height of 600-1000mm , Width < 1200 mm



Cabinet Requirement



- Wood door
- Wide Aluminum frame door

Feature

- Himotion-the integrated durable silent system to close the door silently and open with light force
- Robust springs ensure a long life of the support
- Easy to open and can stop at any of the open position
- Optimizing the cabinet space and great experience to access cabinet interior
- Easy installation and adjustment
- Stability structure well suited for large cabinets with large bi-fold doors
- Excellent durability
- Small system with variety cabinets application
- Center hinge with innovative construction to prevent pinching

Specifications

- Door type : Bi-folding upward door
- Cabinet type : Frameless , Face frame
- Door material: Wood , Aluminum
- Cabinet height range : 600-1000mm
- Cabinet Width: Max . 1200mm
- Cabinet depth : Min . 250mm
- Material : Zinc alloy , Plastic , Steel , Aluminum

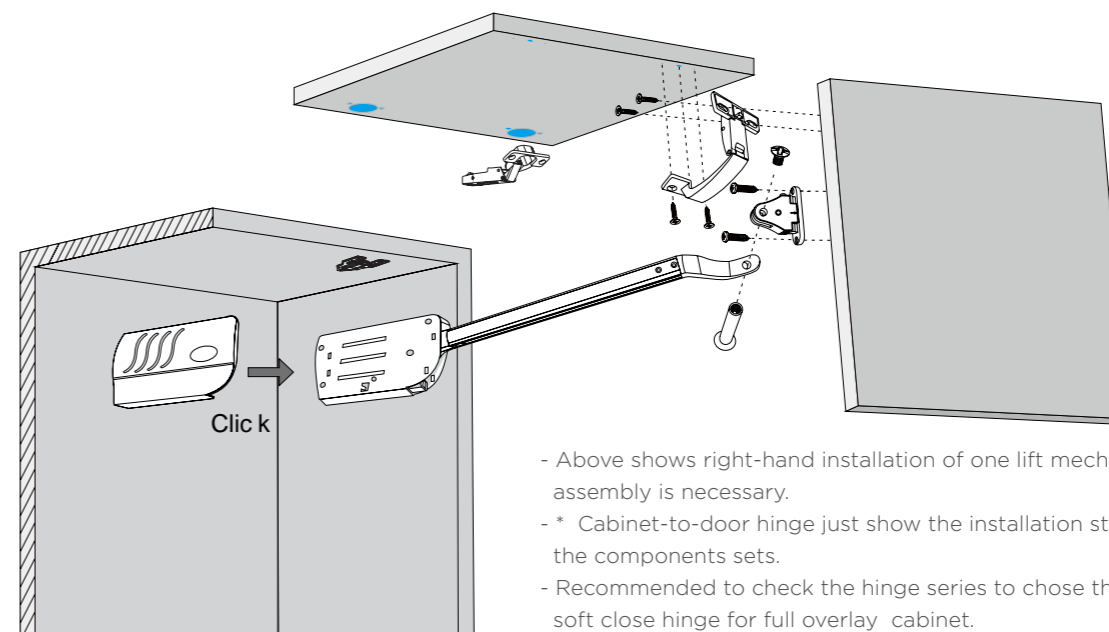
Order Information

Item No.	Door Weight (kg)	Door Type	Alu.Tube length
817120	5.1-6	Light door	300
817121	7.1-8	Medium door	300
817122	10.1-11	Heavy door	350

Note :

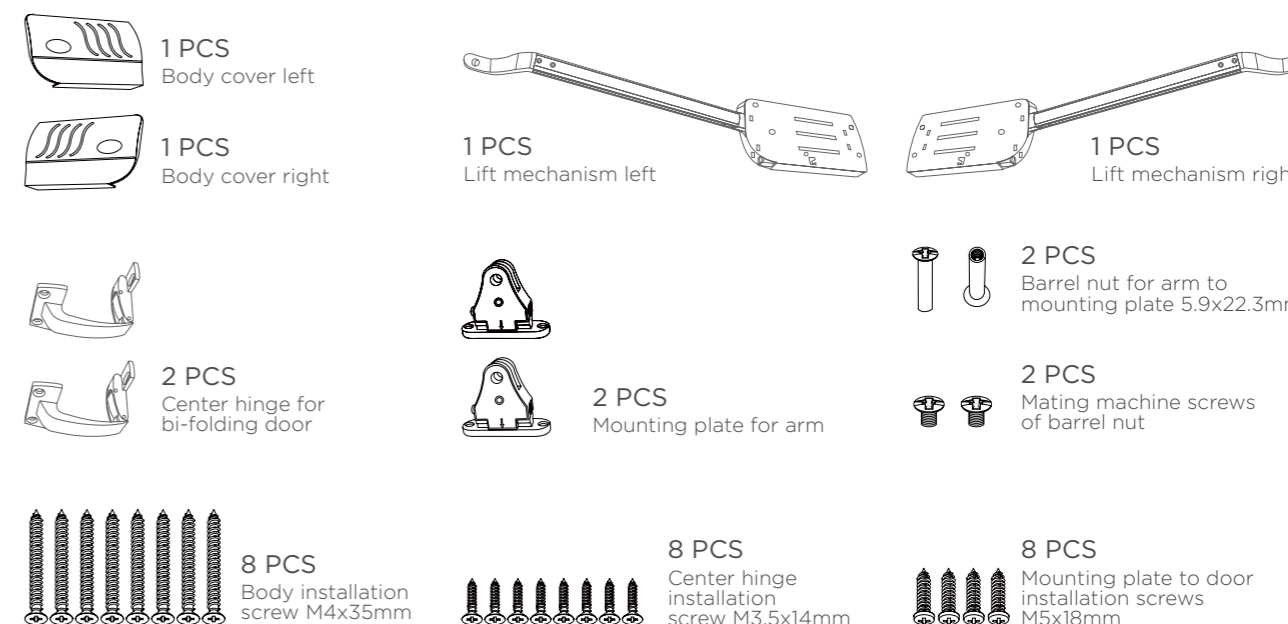
- Cabinet height multiplied by combined door weight , include handle weight * 2
- Above length of the aluminum tube is standard size for most of the cabinet, recommended to refer to the technical parameter table to determine the appropriate length according to the actual size and weight of the door panel.

Components to Cabinet Installation



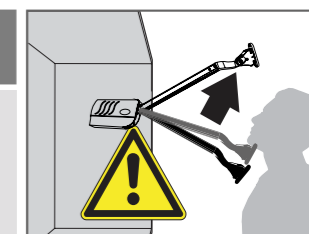
- Above shows right-hand installation of one lift mechanism, Both side assembly is necessary.
- * Cabinet-to-door hinge just show the installation structure, not include the components sets.
- Recommended to check the hinge series to chose the 105 degree soft close hinge for full overlay cabinet.

Components required for a set

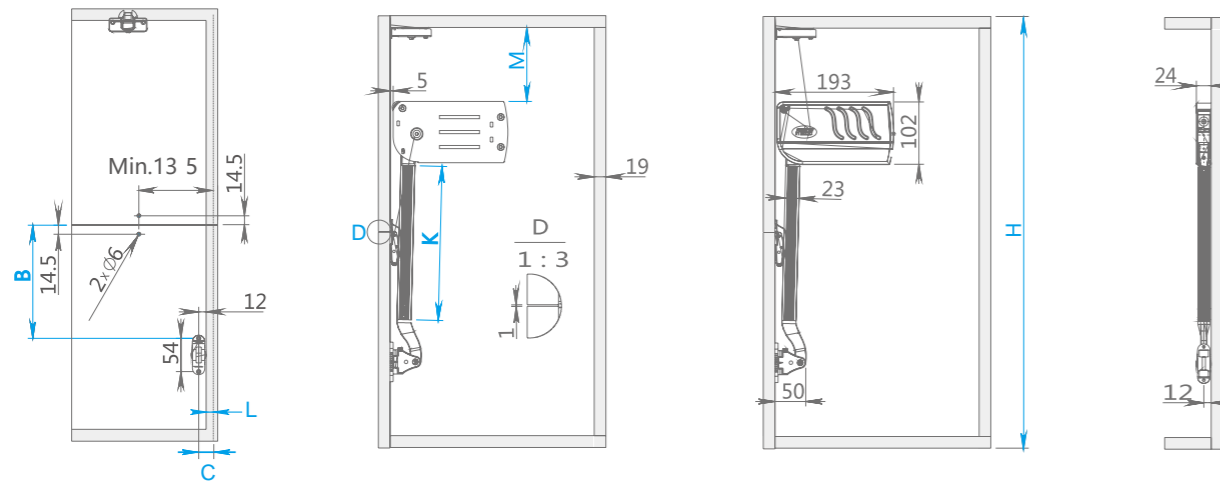


Warning

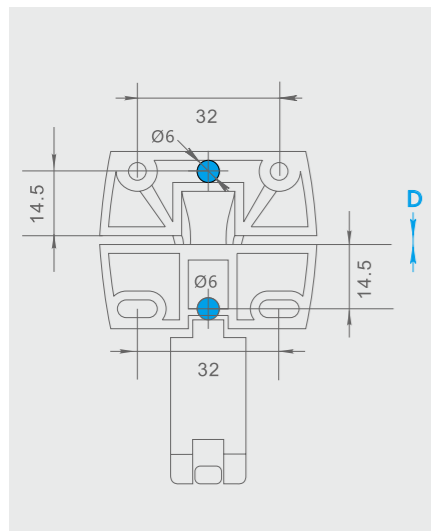
- Risk of injury by lever arm when spring loaded
- Do not push lever arm down if not well assembled on cabinet
- Secure lever arm before installing cabinet



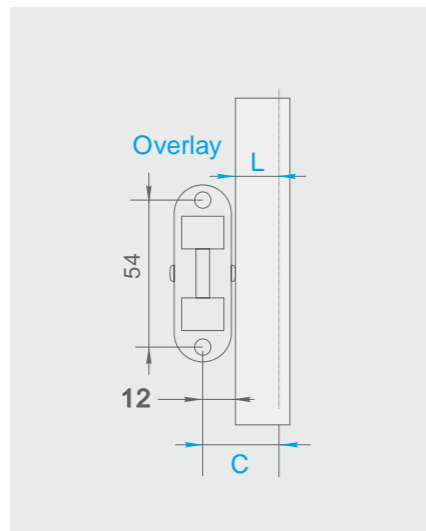
Installation clearance



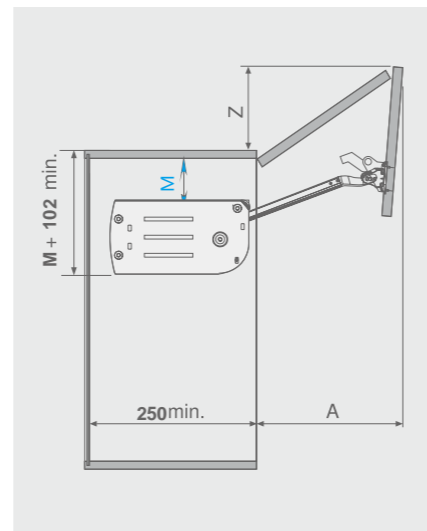
Pre-Drilling For Center Hinge



Arm Mounting Plate Position



Door Protrusion



- Z = Top door height x 0.24 + 34 *
- A = Top door height x 0.9 + (1.5 x bottom door thickness)
- * door opening angle 105

Key size description		Dimensions in : mm								
H	Cabinet Height	600	650	700	750	800	850	900	950	1000
M	Body installation position	100	150	100	120	200	250	200	250	250
B	Arm installation position	163	188	213	208	263	288	263	288	313
k	Aluminum Arm tube length	200	200	300	300	300	300	350	350	400
D	Gap between two doors , Minimum = 3 mm									
C	Drilling distance for arm mounting plate on overlay door = L + 12									
L	Overlay : The part where the door and the cabinet overlap									

Note :

- The mounting cards will be provided with the product
- The above data is based on the position on the cardboard . The cabinet height multiplied by the combined door-weight must be calculated before installation
- The deviation of the drilling may affect the parameters , if the height bi-fold door is not the same , installation data is different
- 3 hinges for door-to-cabinet are required for cabinet widths over 1000 mm or Bi-fold door weight over 7kg

Hanma GENI Free Stay Lift System

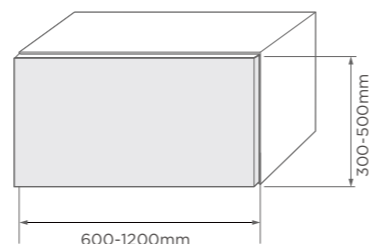


Hanma GENI Free Stay Lift System

- Hanging small cabinets with shallow internal depths
- Cabinets with a height of 300-600mm , Width < 1200 mm



Cabinet Requirement



- Wood door
- Wide Aluminum frame door

Feature

- Well suited for small wall cabinets
- Simple installation and adjustment
- Easy to open and stops at any opening position when door to cabinet angle less than 60°
- Symmetrical lift mechanism , can be used on one or both sides
- Infinitely variable lift mechanism adjustment
- Available for very shallow cabinet depth
- Designed for use with integrated HIMOTION soft close hinge

Specifications

- Cabinet type : Frameless , Face frame
- Door material : Wood , Aluminum
- Cabinet Height range : 300-500mm
- Cabinet Width range : Max . 1200mm
- Cabinet depth : Min. 200mm
- Material : Plastic , Steel , Chrome coated
- Cabinet : Face frame and frameless
- Lift force adjustment : 5 stage

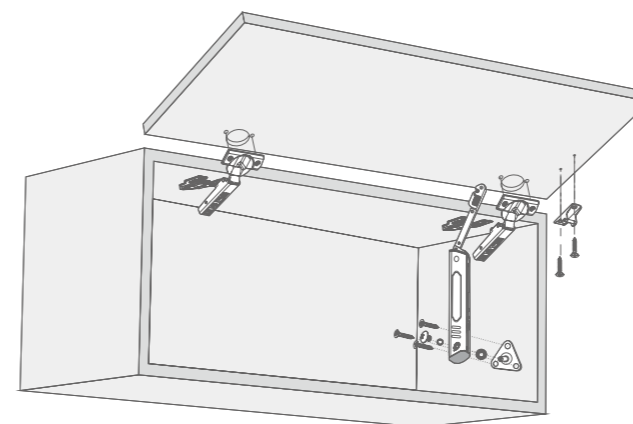
Order Information

Item No.	Door Weight (kg)	Door Type
817110	2-3	Light door
817111	3.5-4.5	Medium door

Note :

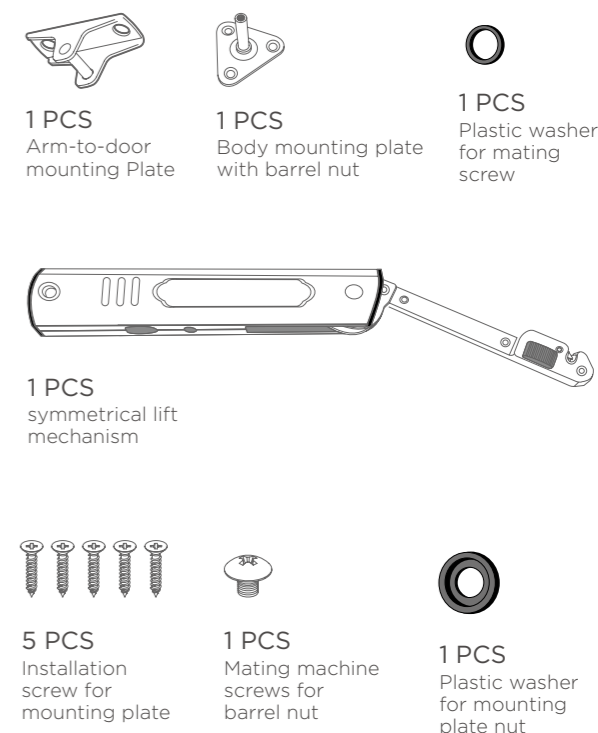
- Heavy door type 5-6 kg is available for order
- Choose the correct lift mechanism for a given application
- 3 hinges for door-to-cabinet are required for cabinet widths over 1000 mm or door weight over 7kg

Components to Cabinet Installation

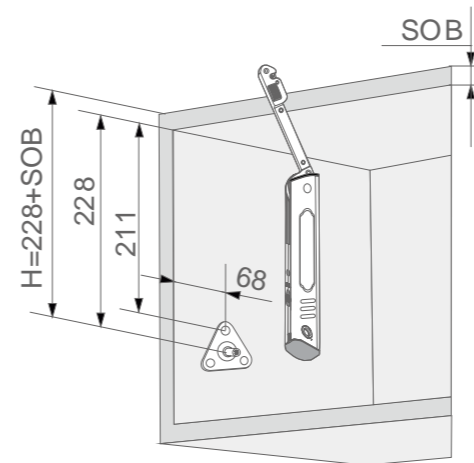


- Above shows right-hand installation of one lift mechanism
- * Cabinet-to-door hinge just show the installation structure, not include the components sets.
- Recommended to check the hinge series to chose the 105 degree **soft close hinge** for full overlay cabinet.

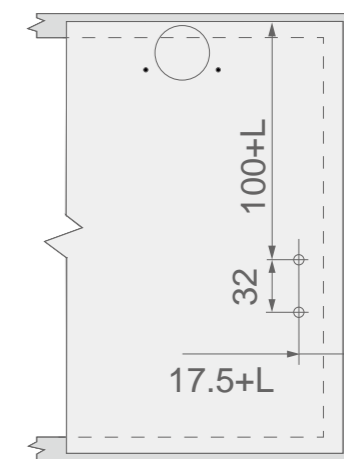
Components required for a set



Space Requirement and Installation Dimension



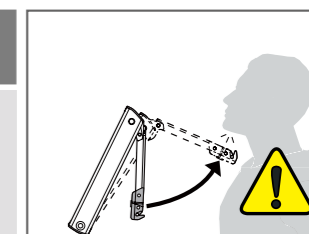
SOB: Thickness of top panel



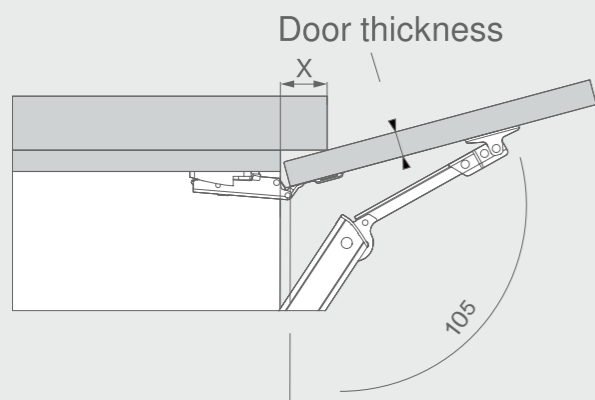
L: Door overlay to cabinet panel

Warning

- Risk of injury by spring-loaded lever arm!
- Do not push telescopic arm down
- Remove telescopic arm from mechanism before installing cabinet



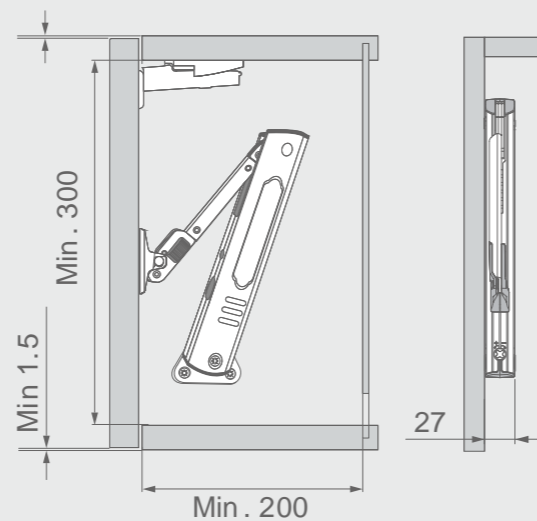
Feature



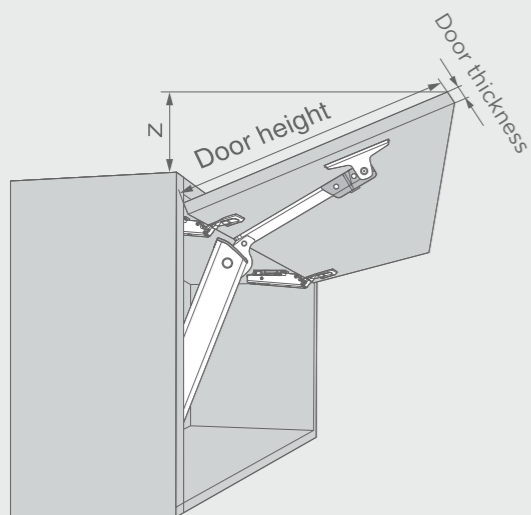
Door thickness	16	19	22	24
X	45	34	23	15

- X size based on the hinged door opening 105°

Order Information



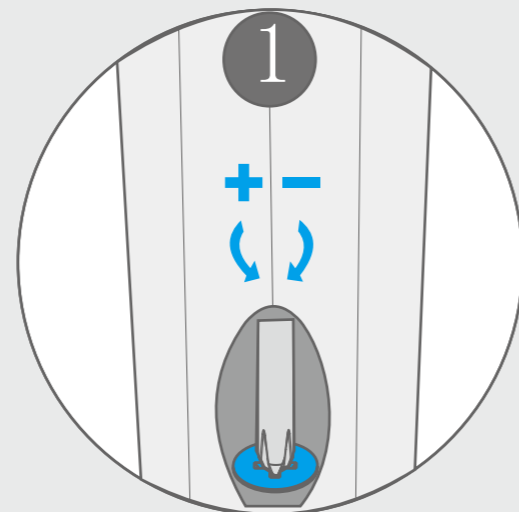
Door Protrusion



$Z = (\text{Door height} - A) \times 0.3$

Door thickness	16	19	22	24
X	45	34	23	15

Easy Adjustment



The infinitely variable adjustment is carried out from the front using the adjustment screw, with a window showing the lift force the mechanism.
 *The force should adjustment for both sides when there is pair installation on the cabinet.

Hanma CLASSIC small lift stay system

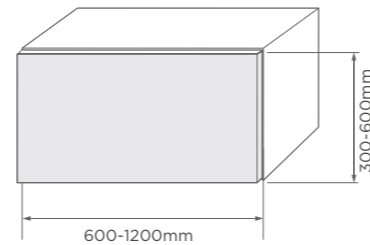


Hanma CLASSIC Small Lift Stay System

- Hanging small cabinets
- Cabinets with a height of 300-600mm , Width < 1200 mm



Cabinet Requirement



- Wood door
- Wide Aluminum frame door

Feature

- Himotion-the integrated durable silent system for soft and silent closing
- For UPWARD-OPENING small walled cabinet.
- Small installation size , minimalist design for a multitude of design possibilities
- Symmetrical structure lift mechanism can be assembly on one or both sides
- Integrated infinitely lift stay function , variable opening angle stop
- Easy installation and adjustable
- Lift force adjustable for a different sizes and weights of the door

Specifications

- Integrated soft close system , door can be soft close when angle less than 30°
- Cabinet Height range: 300-600mm
- Cabinet Width range: Max . 1200mm
- Cabinet depth: Min. 240mm
- Material : Plastic, Steel , Chrome coated
- Cabinet : Frameless
- Door thickness : 16 / 19 / 22 / 26 / 28 mm

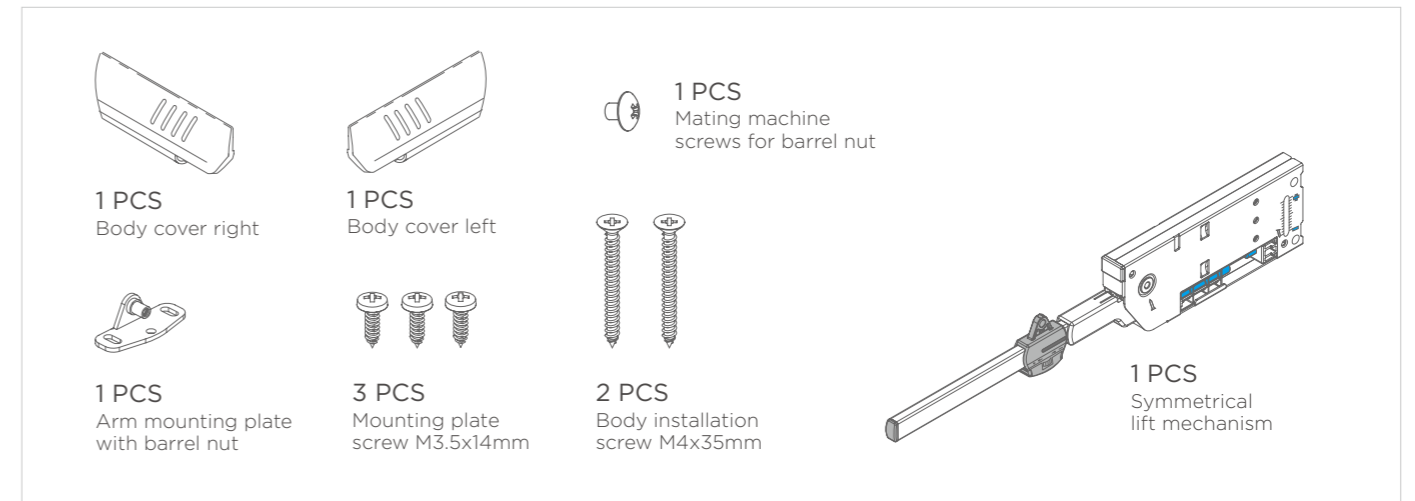
Order Information

Item No.	Door Weight (kg)	Door Type
817100	3-4.5	Light door
817101	5-6.5	Heavy door

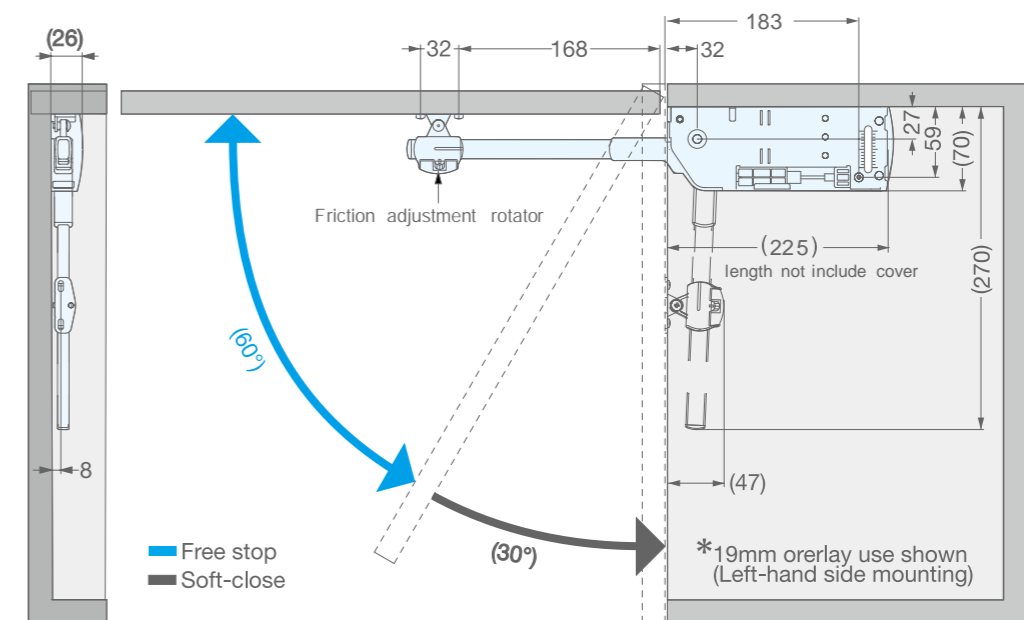
Note :

- Choose the correct lift mechanism for a given application
- Above weight based on the test door height 400 mm

Components required for a set



Space Requirement And Installation Dimension



Door height mm	Single side assembly				Double side assembly				
	Light type		Heavy type		Light type		Heavy type		
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
300	3.6	4.9	4.9	6.6	7.3	9.8	9.8	13.2	
350	3.1	4.2	4.2	5.6	6.2	8.4	8.4	11.3	
400	2.7	3.7	3.7	4.9	5.4	7.4	7.4	9.9	
450	2.4	3.3	3.3	4.4	4.9	6.5	6.5	8.8	
500	2.2	2.9	2.9	3.9	4.4	5.9	5.9	7.9	
550	2.0	2.7	2.7	3.6	3.9	5.4	5.4	7.2	
600	1.8	2.4	2.4	3.3	3.6	4.9	4.9	6.6	
650	1.7	2.3	2.3	3.0	3.4	4.5	4.5	6.1	
700	1.5	2.1	2.1	2.8	3.1	4.2	4.2	5.6	
	Lift door weight unit: kg								

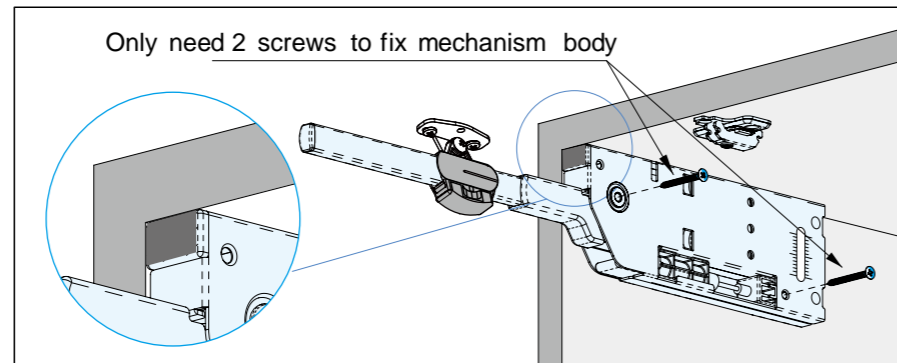
Note :

- The height of the cabinet multiplied by the weight of the door must be considered
- 3 hinges for door-to-cabinet are required for cabinet widths over 1000 mm or door weight over 7kg
- Above weight based on hinge is full overlay and opening degree 105°

Installation Clearance

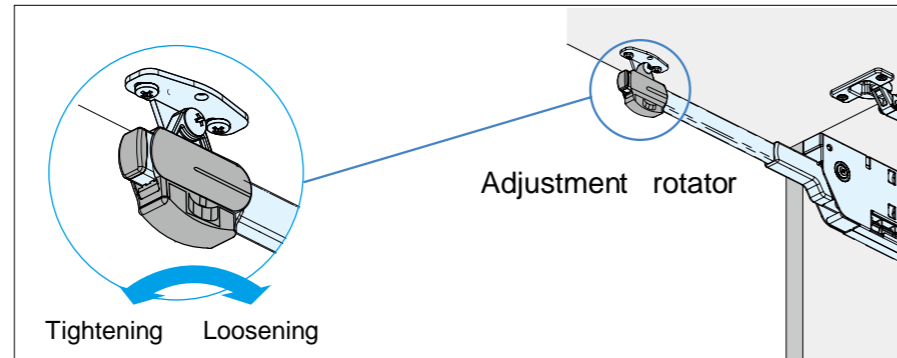
Easy installation

- Screw on
- 2 screws for lift mechanism and 3 screws for mounting plate
- Symmetrical design can be installed on both sides



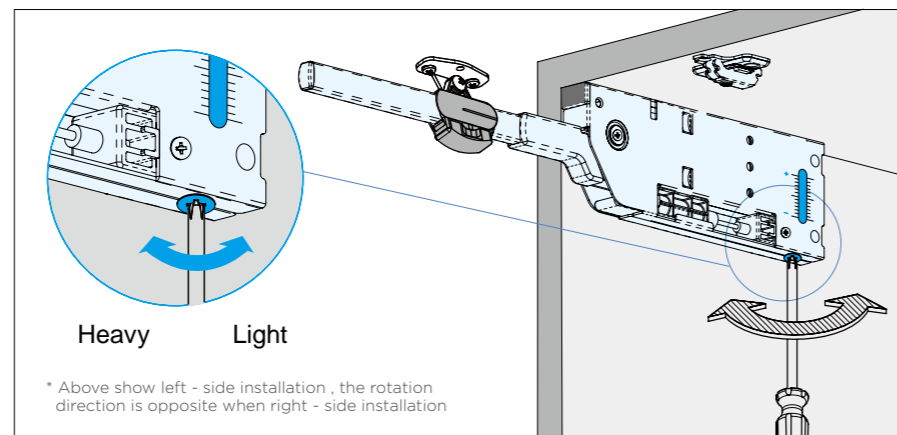
Tool-free friction adjustment

- Adjustable rotator design for easy adjustment of friction



Lift force adjustment

- Easy adjustment the lift force by screwdriver



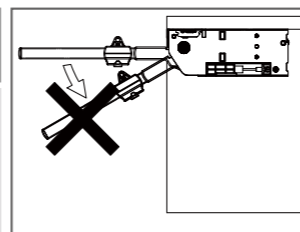
Installation method :

- Use full overlay concealed hinge * to install door to cabinet , Adjustment the door to correct position before assembly the lift mechanism , and then remove the door
- Installation the lift mechanism on side wall of cabinet
- Installation the mounting plate to door at right position
- * Door to cabinet installation: step 1 . Clip on the hinge on hinge mounting plate ; Step 2. Screw on the arm slider on mounting plate
- Adjustment the lift force or friction and then enjoy your life



Warning

- When installing the door, do NOT bend mechanism arm down as it may spring back violently and cause injury

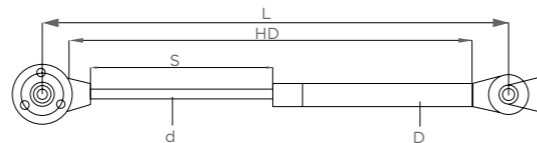


Hanma CLASSIC small lift stay system



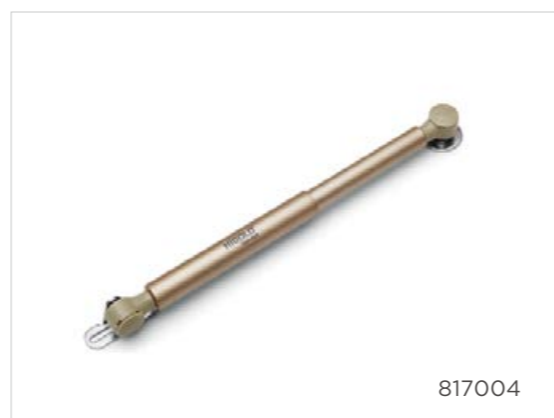
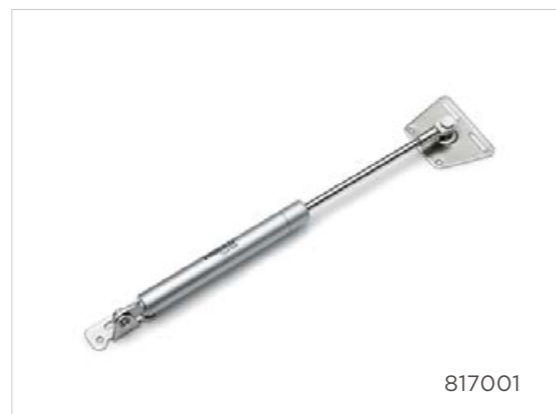
Specifications

- Material: Steel +Plastic, #20 precision steel rod
- Coating: Painting, Nickel Plated
- Pressure range: Other pressure is optional
- Available: Upwards lift wood door or aluminum door



Opening degee	80°				90°				110°			
Door height	300	400	500	600	300	400	500	600	300	400	500	600
Door Weight	≤2.6	≤2.2	≤1.7	≤1.3	≤2.4	≤2.0	≤1.6	≤1.2	≤2.1	≤1.7	≤1.4	≤1.0

- The parameters in the table below are based on the lift force being 80N.
- For other lift force products, please contact your sales of HIGOLD



Item No.	Pip Diameter	Rod Diameter	Length	Hole Distance	Stroke	Standard Pressure	Color
	D(mm)	d(mm)	L(mm)	HD(mm)	S(mm)	N	
817001	φ15	φ6	263	250	93.5	80N	Silver
817002	φ15	φ6	271	250	90	80N	Silver
817002N*	φ15	φ6	271	250	90	80N	Pearl white
817003	φ15	φ6	271	250	90	80N	Pearl white
817004*	φ15	φ6	271	250	90	80N*	Champagne

- 817004 has a free stay function, lift force is for reference.
- Other lift force or length is available for ordering.

Hanma Cas Spring Series



