



CATALOG 2024 **WAI** Hardware

hardware fittings

www.waihardware.com





WAI Hardware is a trusted manufacturer & exporter of furniture hardware fitting and OEM hardware components. We are recognized as an advanced hardware provider due to our quality of product and expertise in this industry.

- 01 furniture hardware fitting**
- 02 wire basket**
- 03 OEM component projects**

About us

WAI Hardware Limited

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WAI Hardware Europe

Branch office: Beograd, Serbia

Factory Location

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Shunde, Foshan, GuangDong, China

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Product

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- 03 Double Wall Drawer
- 04 3D Undermount Slide
- 05 Eco Undermount Slide
- 06 Ball Bearing Slide
- 07 Hinge



Group member

- 01 AgeTrain
- 02 Akrd



Model no.: WW90

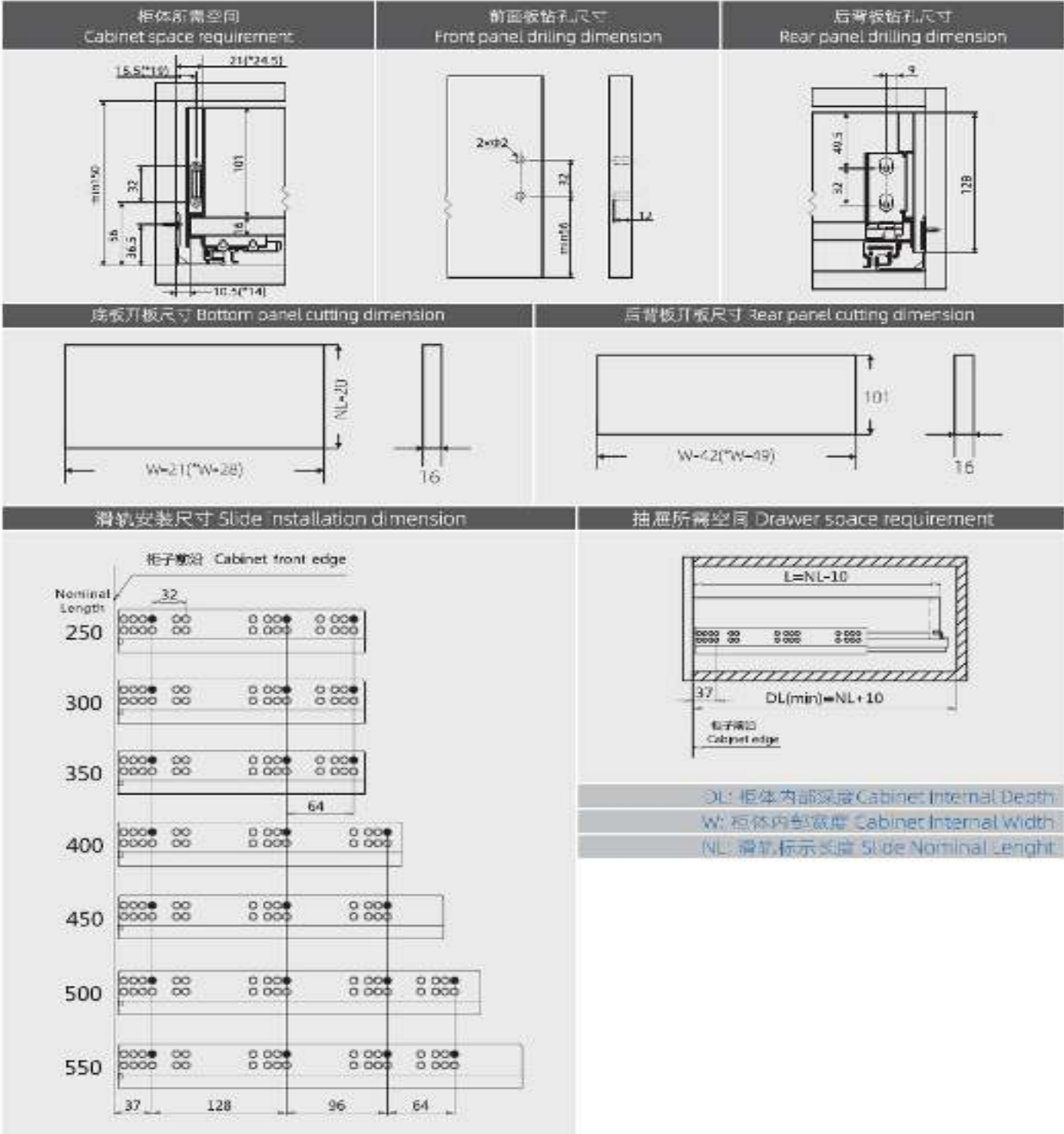
1. Height 90mm
2. Loading Capacity: 35kgs
3. 3D adjustment
4. Colour: Dark Grey, White
5. Smooth and silence movement



柜体所需空间 Cabinet space requirement	前面板钻孔尺寸 Front panel drilling dimension	后背板钻孔尺寸 Rear panel drilling dimension
底板开板尺寸 Bottom panel cutting dimension		后背板开板尺寸 Rear panel cutting dimension
滑轨安装尺寸 Slide installation dimension		抽屉所需空间 Drawer space requirement
<p>柜子前缘 Cabinet front edge</p>		
<p>DL: 柜体内部深度 Cabinet Internal Depth W: 柜体内部宽度 Cabinet Internal Width NL: 滑轨标示长度 Slide Nominal Length</p>		

Model no.: WW128


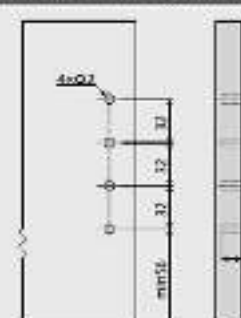
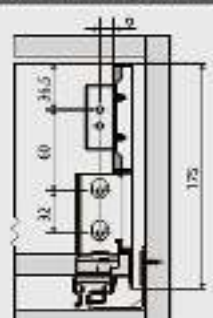
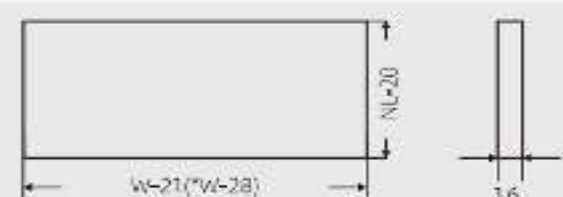
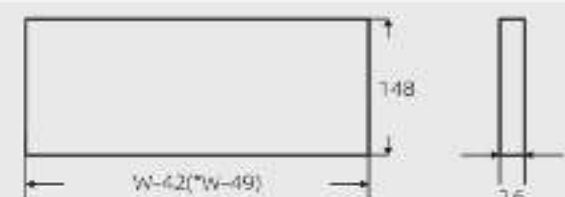
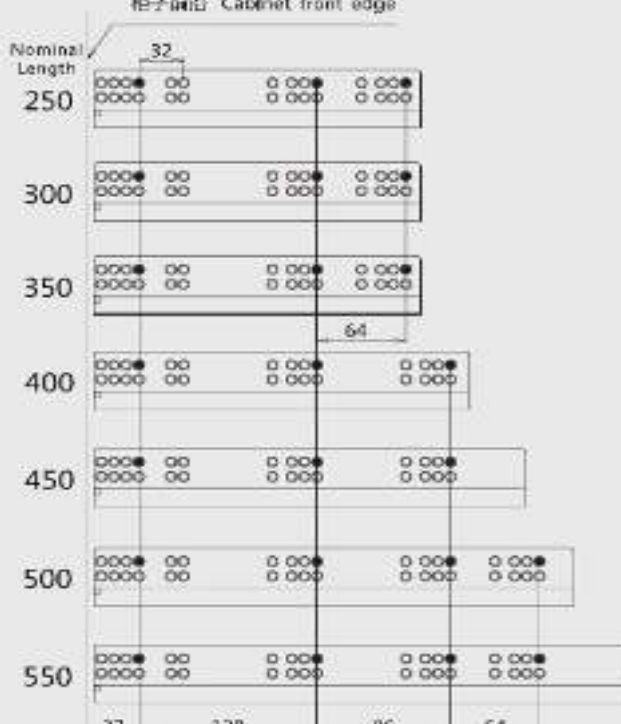
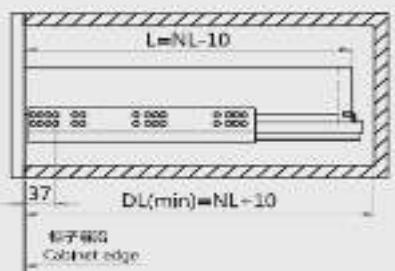
- 1. Height 128mm
- 2. Loading Capacity: 35kgs
- 3. 3D adjustment
- 4. Colour: Dark Grey, White
- 5. Smooth and silence movement



Model no.: WW175

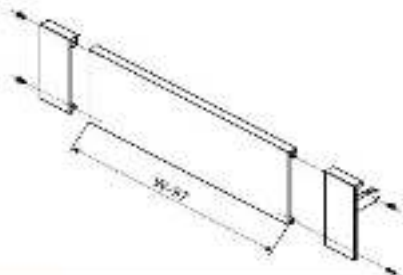
1. Height 175mm
2. Loading Capacity: 35kgs
3. 3D adjustment
4. Colour: Dark Grey, White
5. Smooth and silence movement



<p>柜体所需空间 Cabinet space requirement</p> 	<p>前面板钻孔尺寸 Front panel drilling dimension</p> 	<p>后背板钻孔尺寸 Rear panel drilling dimension</p> 	
<p>底板开板尺寸 Bottom panel cutting dimension</p> 	<p>后背板开板尺寸 Rear panel cutting dimension</p> 		
<p>滑轨安装尺寸 Slide installation dimension</p> <p>柜子前沿 Cabinet front edge</p> 			<p>抽屉所需空间 Drawer space requirement</p>  <p>DL: 柜体内部深度 Cabinet Internal Depth W: 柜体内部宽度 Cabinet Internal Width NL: 滑轨标示长度 Slide Nominal Length</p>

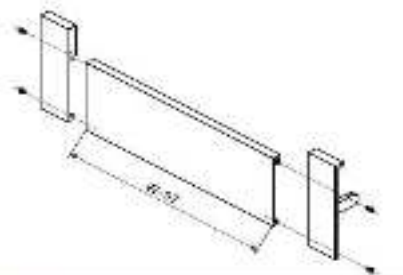
WAI Box Inner Drawer

Model no.: WW90I



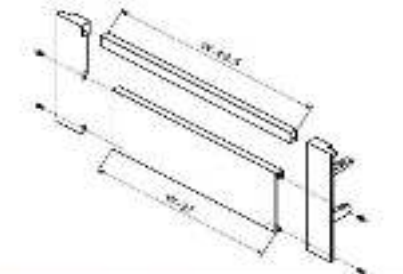
面板裁切尺寸=W(柜体内部宽度) - 97mm

Model no.: WW128I



面板裁切尺寸=W(柜体内部宽度) - 97mm

Model no.: WW175I



面板裁切尺寸=W(柜体内部宽度) - 97mm

低抽屉柜体所需空间 Low Drawer Cabinet space requirement	中抽屉柜体所需空间 Mid Drawer Cabinet space requirement	高抽屉柜体所需空间 High Drawer Cabinet space requirement

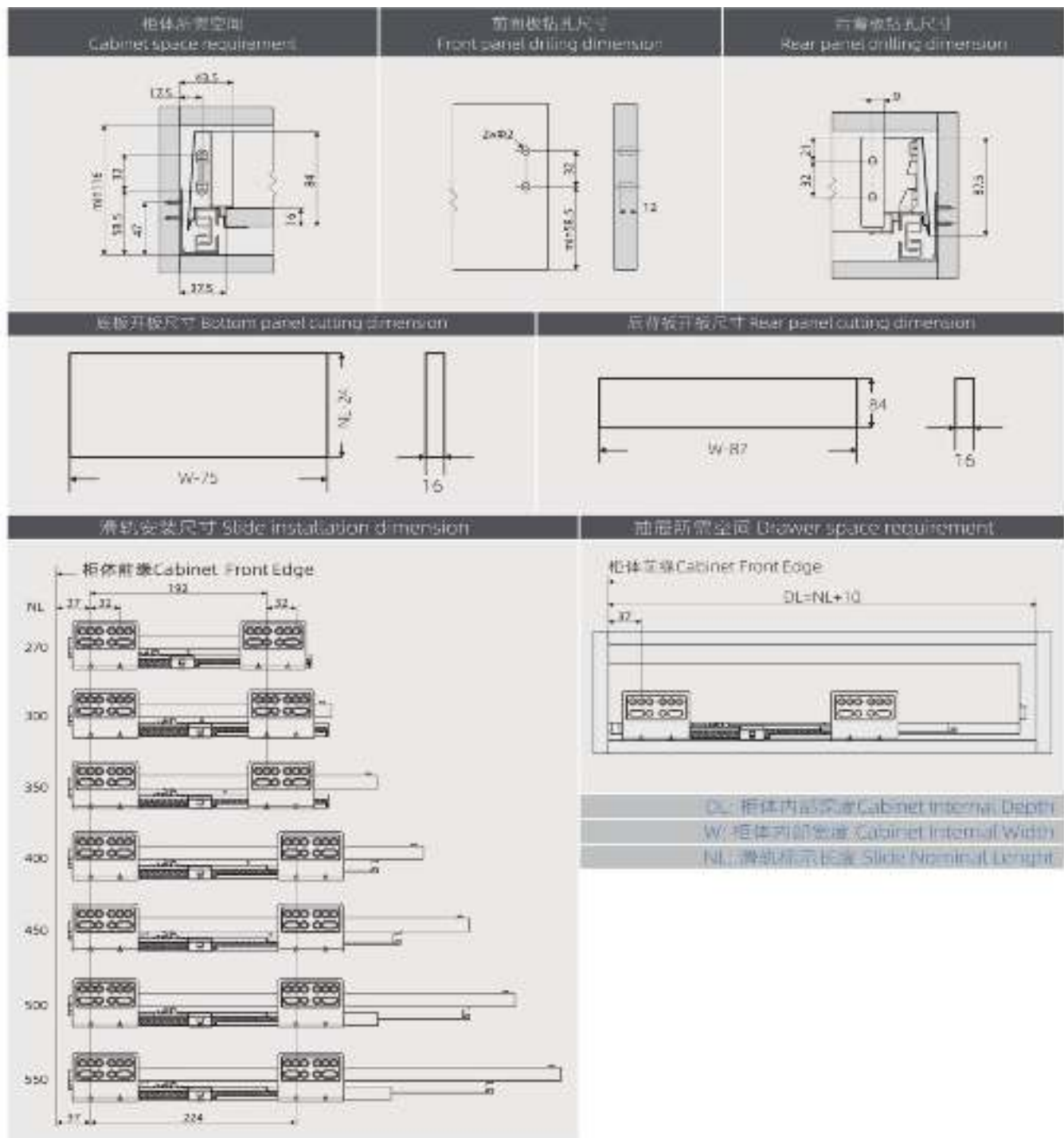
滑轨安装尺寸 Slide installation dimension	抽屉所需空间 Drawer space requirement
<p>柜子横沿 Cabinet front edge</p> <p>Nominal Length</p> <p>250</p> <p>300</p> <p>350</p> <p>400</p> <p>450</p> <p>500</p> <p>550</p> <p>37 128 96 64</p>	<p>柜子横沿 Cabinet edge</p> <p>NL</p> <p>DL(min)=NL+20</p> <p>DL: 柜体内部深度 Cabinet Internal Depth W: 柜体内部宽度 Cabinet Internal Width NL: 滑轨标示长度 Slide Nominal Length</p>

Ultra Box

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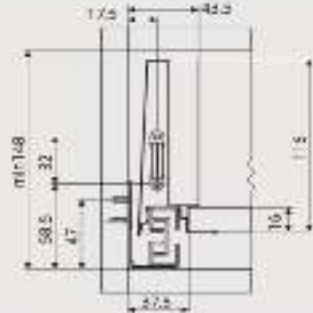
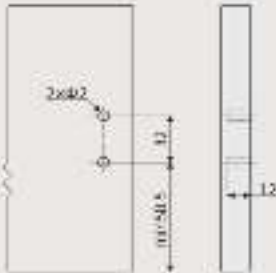

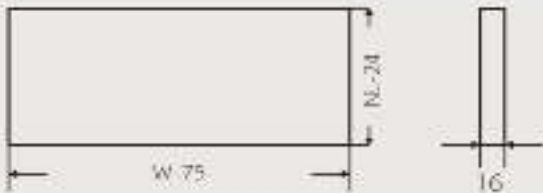
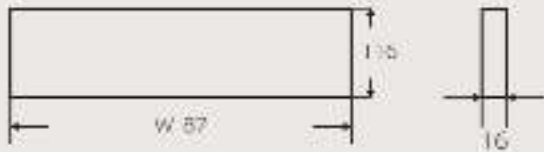
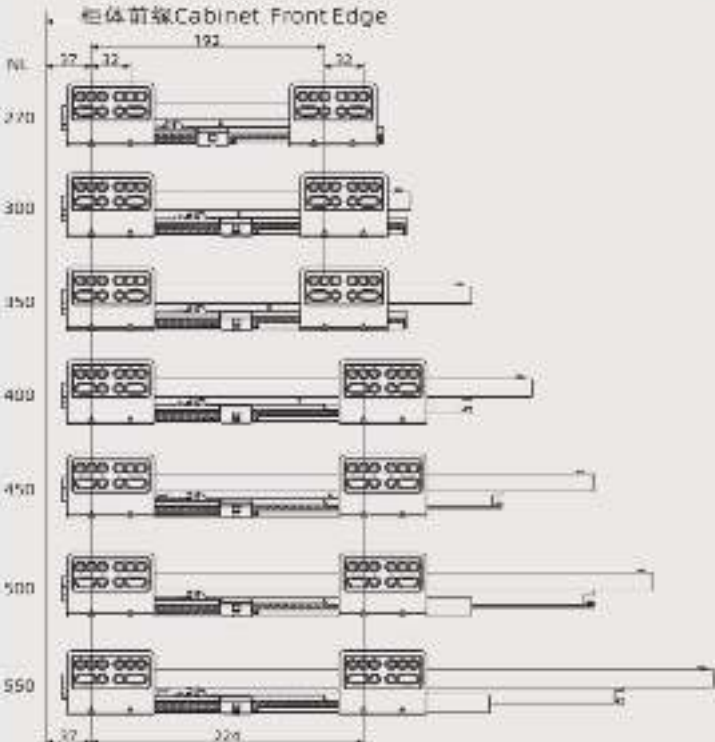

Model no.: WU90

1. Height 90mm
2. Loading Capacity: 35kgs
3. 3D adjustment
4. Colour: Dark Grey, White
5. Smooth and silence movement



1. Height 120mm
2. Loading Capacity: 35kgs
3. 3D adjustment
4. Colour: Dark Grey, White
5. Smooth and silence movement



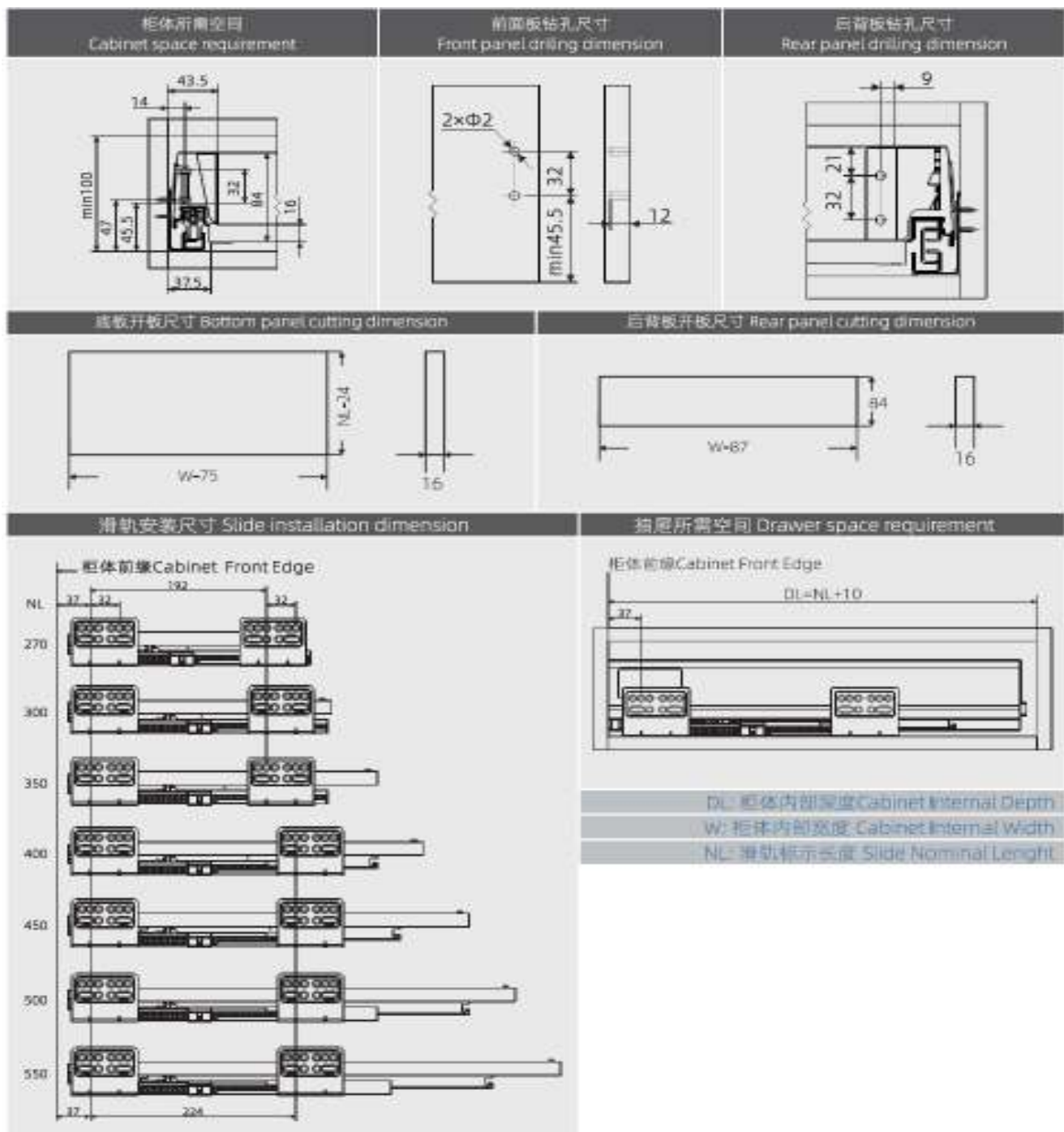
<p>柜体所需空间 Cabinet space requirement</p> 	<p>前面板钻孔尺寸 Front panel drilling dimension</p> 	<p>后面板钻孔尺寸 Rear panel drilling dimension</p> 
<p>底板开板尺寸 Bottom panel cutting dimension</p> 	<p>后背板开板尺寸 Rear panel cutting dimension</p> 	
<p>滑轨安装尺寸 Slide installation dimension</p> 	<p>抽屉所需空间 Drawer space requirement</p> <p>柜体前缘 Cabinet Front Edge</p> <p>$DL=NL+10$</p>  <p>DL: 柜体内部深度 Cabinet Internal Depth W: 柜体内部宽度 Cabinet Internal Width NL: 滑轨标准长度 Slide Nominal Length</p>	

Double Wall Drawer

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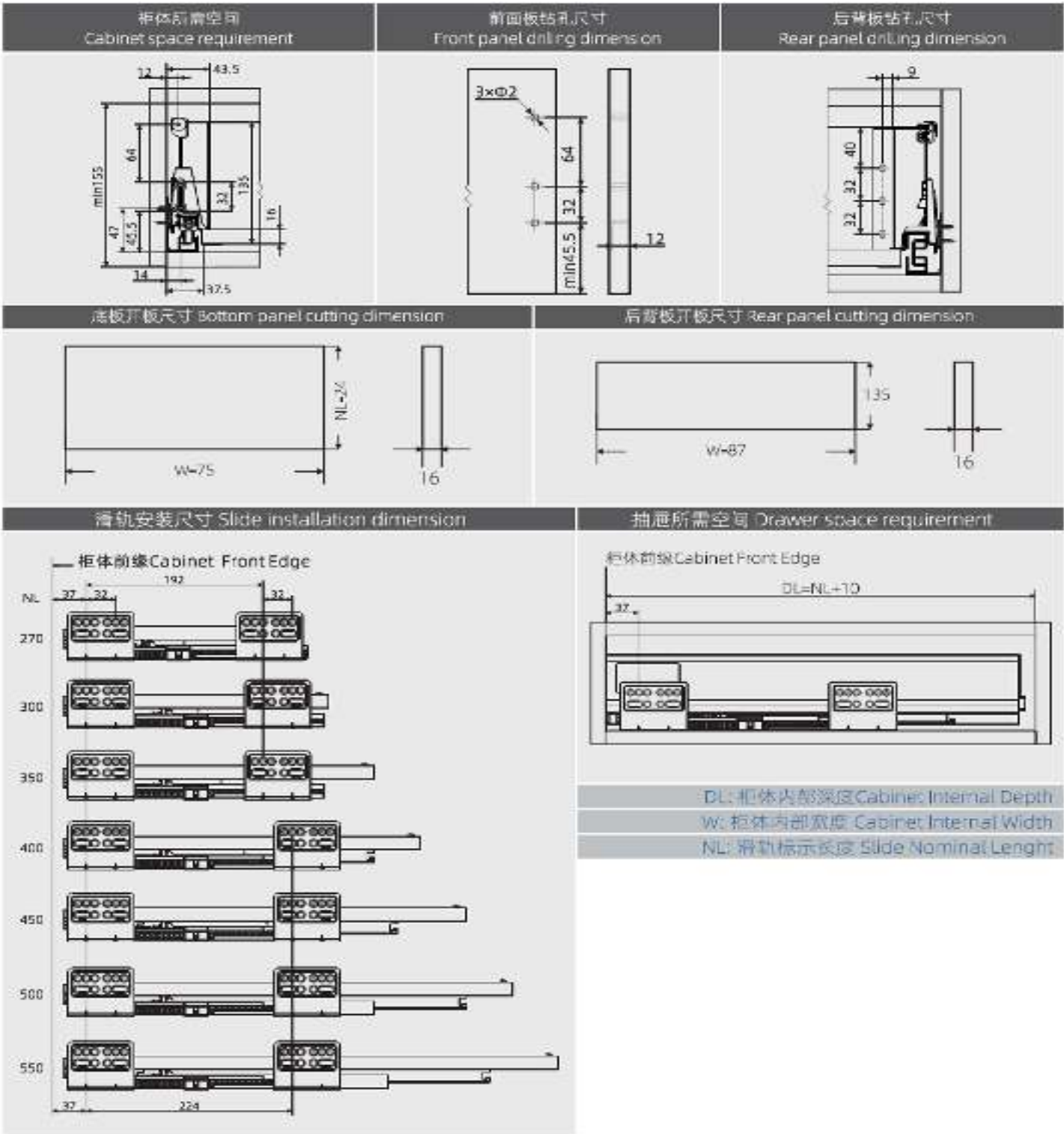
Model no.: WD75

1. Height 75mm
2. Loading Capacity: 35kgs
3. 3D adjustment
4. Colour: Dark Grey, White
5. Smooth and silence movement



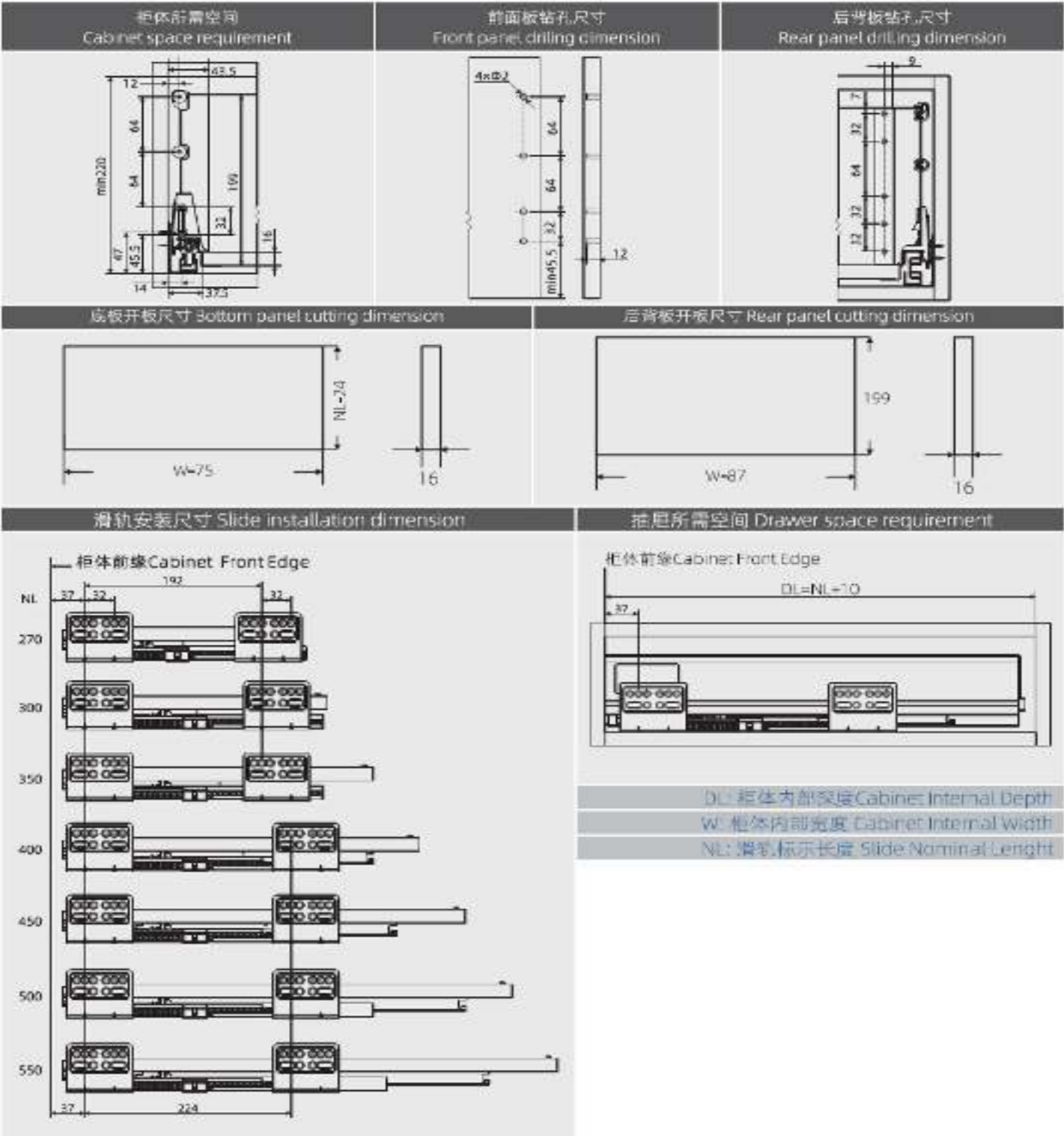
Model no.: WD125

- 1. Height 125mm
- 2. Loading Capacity: 35kgs
- 3. 3D adjustment
- 4. Colour: Dark Grey, White
- 5. Smooth and silence movement



Model no.: WD185

- 1. Height 185mm
- 2. Loading Capacity: 35kgs
- 3. 3D adjustment
- 4. Colour: Dark Grey, White
- 5. Smooth and silence movement

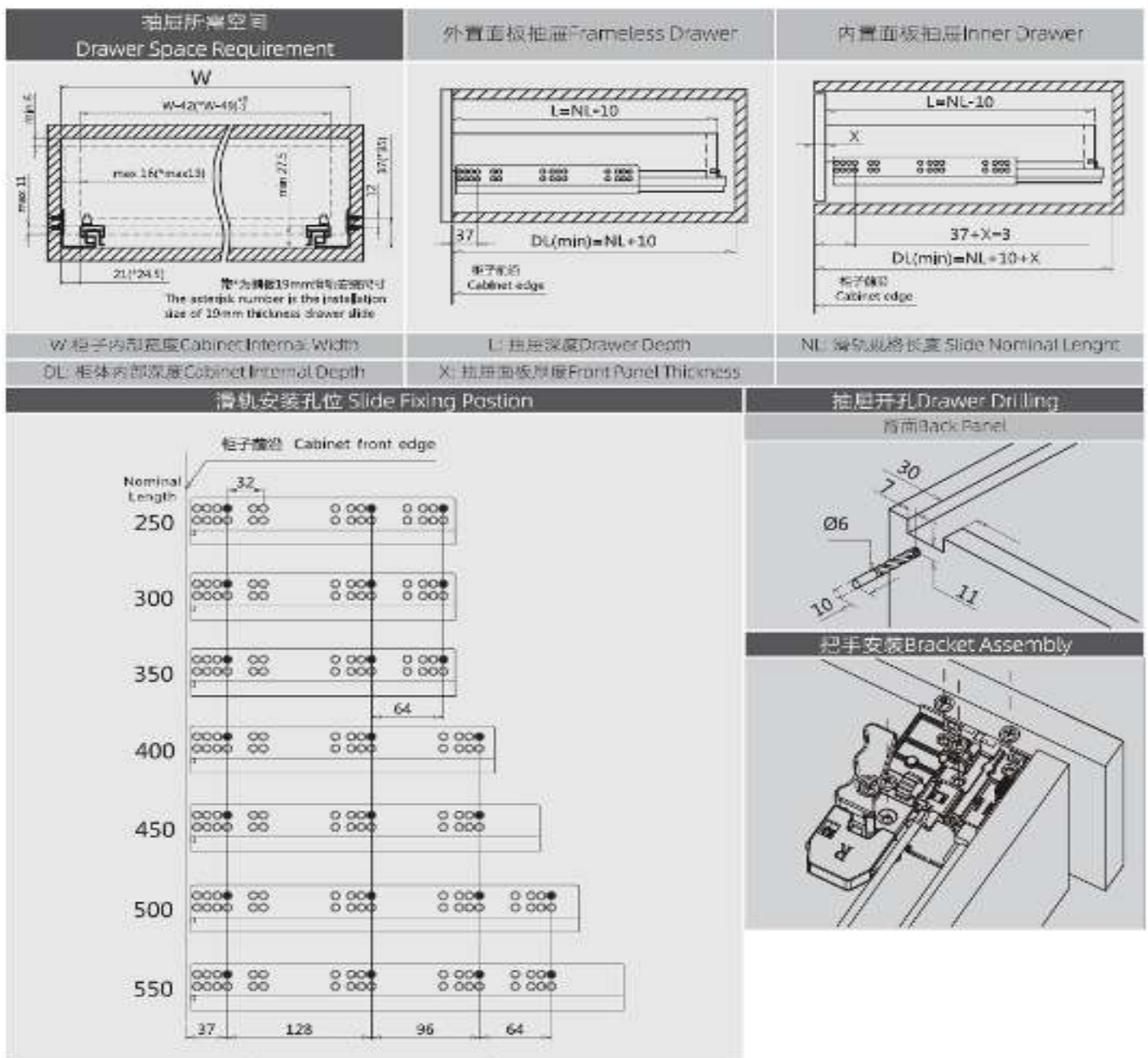


Undermount Slide

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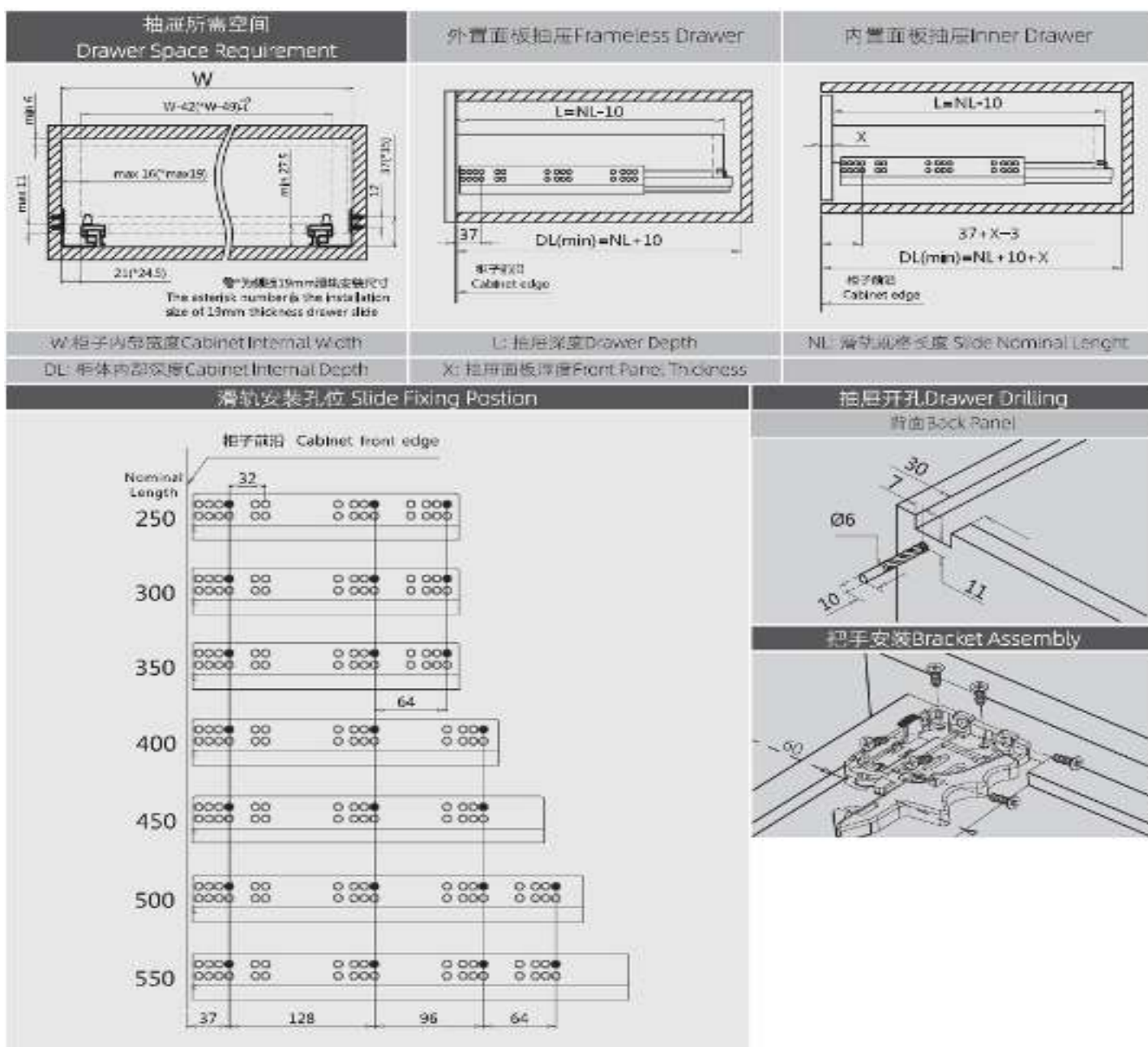
Model no.: WSFSB

1. Full extension with synchronized movement with 3D bracket adjustment
2. Soft Closing
3. Loading Capacity: 35kgs
4. Smooth and silence movement
5. 16mm board & 18mm board are available



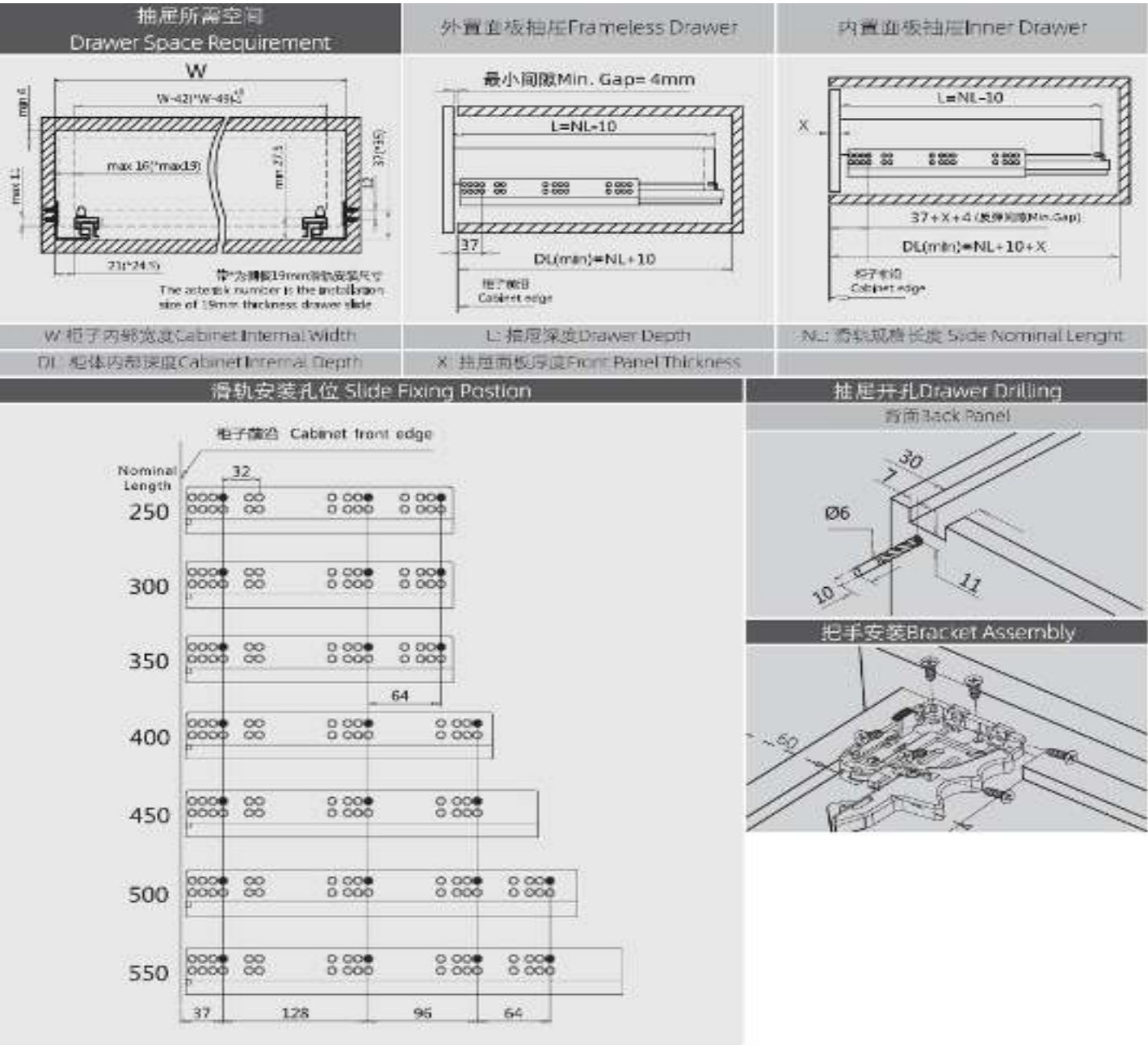
Model no.: WSFNB

1. Full extension with 3D Bracket Adjustment
2. Soft Closing
3. Loading Capacity: 35kgs
4. Smooth and silence movement
5. 16mm board & 18mm board are available



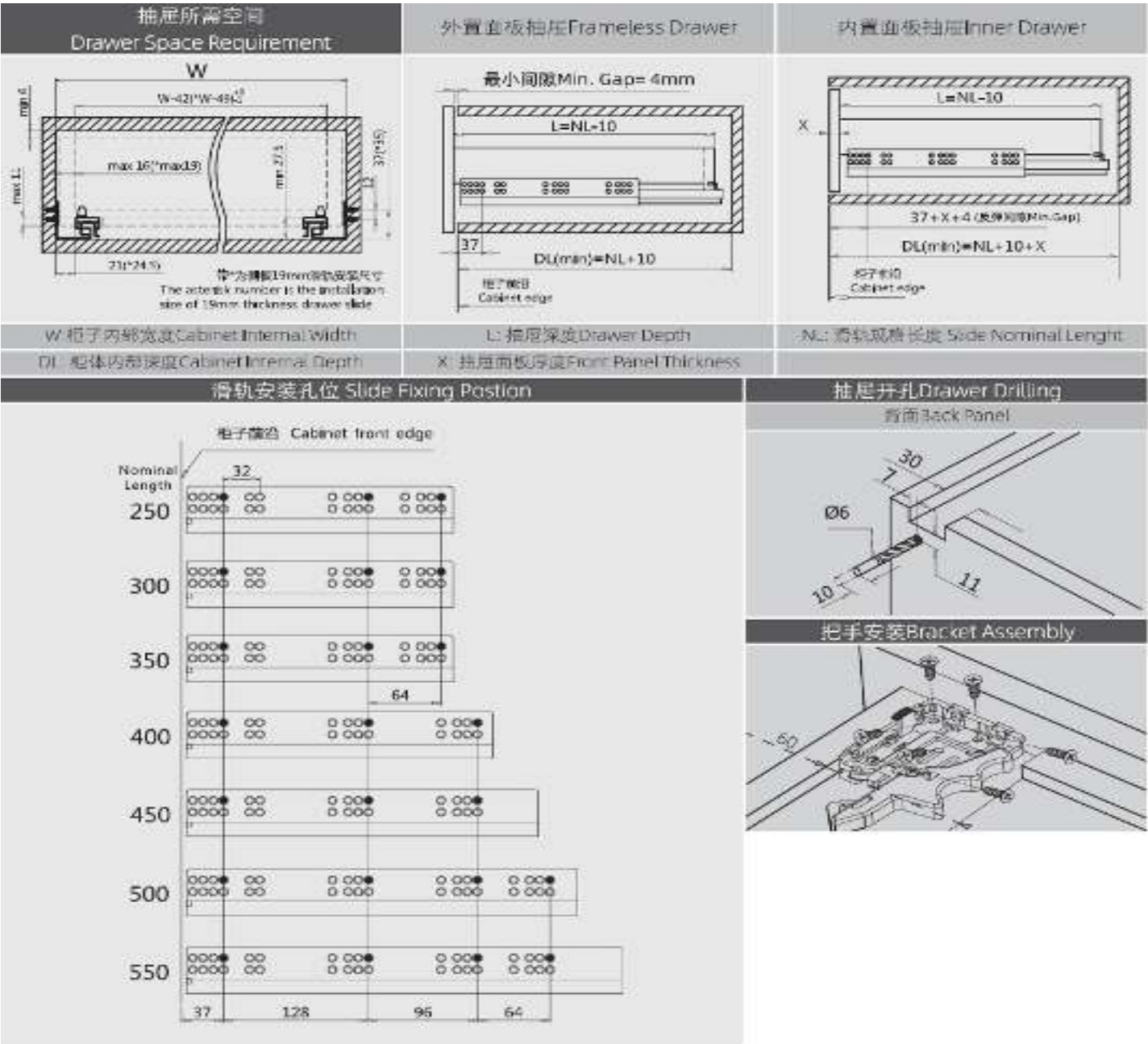
Model no.: WSFPB

- 1. Full extension with 3D Bracket Adjustment
- 2. Push To Open
- 3. Loading Capacity: 35kgs
- 4. Smooth and silence movement
- 5. 16mm board & 18mm board are available



Model no.: WSFPSB

- 1. Full extension with 3D Bracket Adjustment
- 2. Push To Open + Soft Closing
- 3. Loading Capacity: 35kgs
- 4. Smooth and silence movement
- 5. 16mm board & 18mm board are available

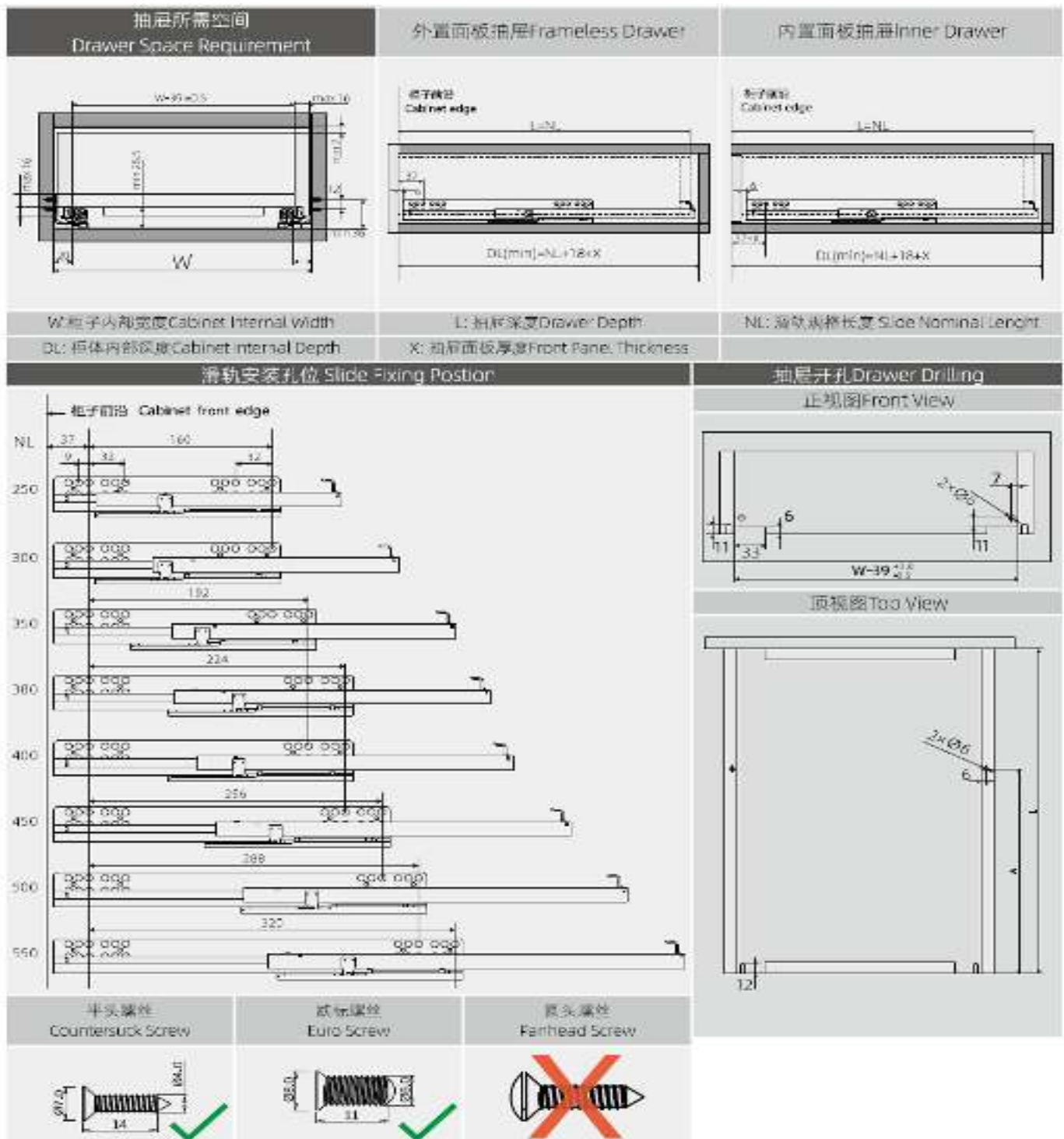


Eco Undermount Slide

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Model no.: WES

1. Single extension with adjustable screw
2. Soft Closing
2. Loading Capacity: 25kgs
3. Smooth and silence movement
4. 16mm board & 18mm board are available

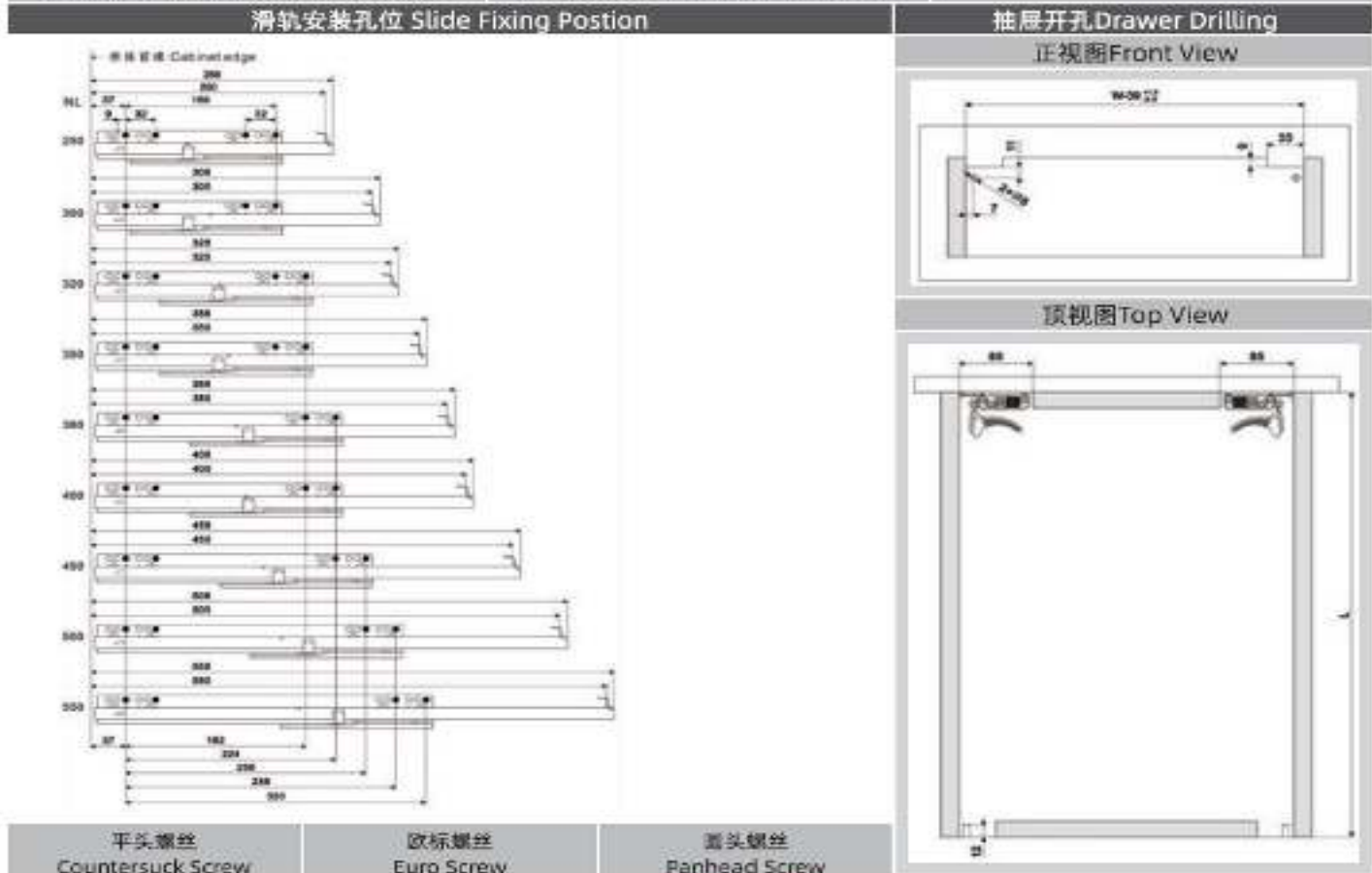


Model no.: WESB

- 1. Single extension with bracket
- 2. Soft Closing
- 2. Loading Capacity: 25kgs
- 3. Smooth and silence movement
- 4. 16mm board & 18mm board are available



W: 柜体内部宽度 Cabinet Internal Width	L: 抽屉深度 Drawer Depth	NL: 滑轨规格长度 Slide Nominal Length
DL: 柜体内柜深度 Cabinet Internal Depth	X: 抽屉面板厚度 Front Panel Thickness	



平头螺丝 Countersuck Screw	欧标螺丝 Euro Screw	圆头螺丝 Panhead Screw

Model no.: WEF

1. Full extension with adjustable screw
2. Soft Closing
2. Loading Capacity: 25kgs
3. Smooth and silence movement
4. 16mm board & 18mm board are available



抽屉所需空间 Drawer Space Requirement	外置面板抽屉Frameless Drawer	内置面板抽屉Inner Drawer
W: 柜子内部宽度 Cabinet Internal Width	L: 抽屉深度 Drawer Depth	NL: 滑轨规格长度 Slide Nominal Length
DL: 柜体内部深度 Cabinet Internal Depth	X: 抽屉面板厚度 Front Panel Thickness	
滑轨安装孔位 Slide Fixing Position		抽屉开孔 Drawer Drilling
平头螺丝 Countersunk Screw	欧标螺丝 Euro Screw	圆头螺丝 Panhead Screw

Model no.: WEFB

- 1. Full extension with bracket
- 2. Soft Closing
- 2. Loading Capacity: 25kgs
- 3. Smooth and silence movement
- 4. 16mm board & 18mm board are available



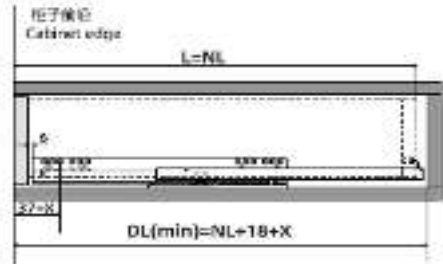
抽屉所需空间
Drawer Space Requirement



外置面板抽屉Frameless Drawer

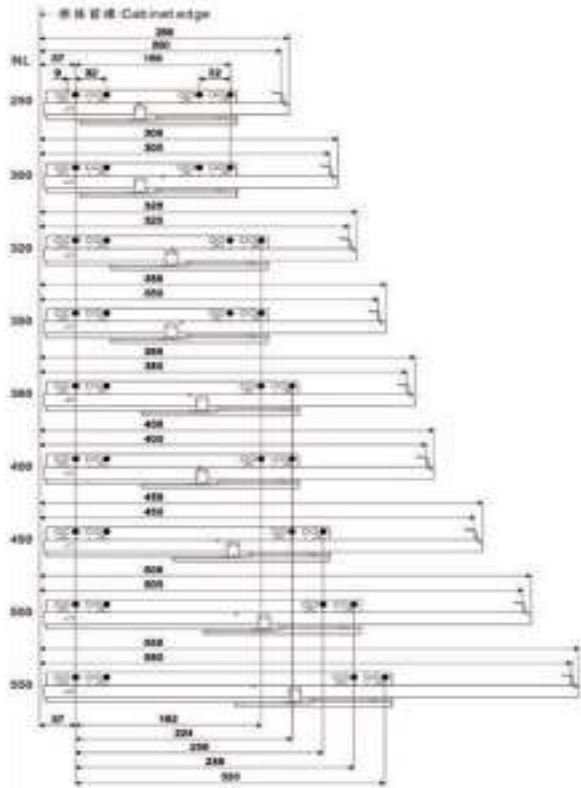


内置面板抽屉Inner Drawer

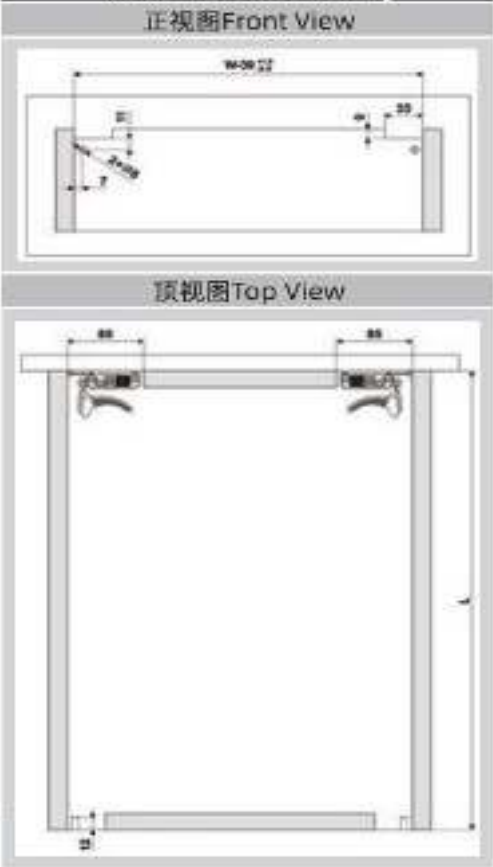


W: 柜子内部宽度 Cabinet Internal Width	L: 抽屉深度 Drawer Depth	NL: 滑轨侧长长度 Slide Nominal Length
DL: 柜体内长深度 Cabinet Internal Depth	X: 抽屉面板厚度 Front Panel Thickness	

滑轨安装孔位 Slide Fixing Postion



抽屉开孔 Drawer Drilling



平头螺丝 Countersunk Screw	欧标螺丝 Euro Screw	圆头螺丝 Panhead Screw

Ball Bearing Slide

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Model no.: WB45S (High version)

1. Full extension with soft closing
2. Loading Capacity: 45kgs
3. Smooth and silence movement
4. Thickness = 1.2 x 1.2 x 1.4

Model no.: WB45SE (Economic version)

1. Full extension with soft closing
2. Loading Capacity: 35kgs
3. Smooth and silence movement
4. Thickness = 1.0 x 1.0 x 1.2



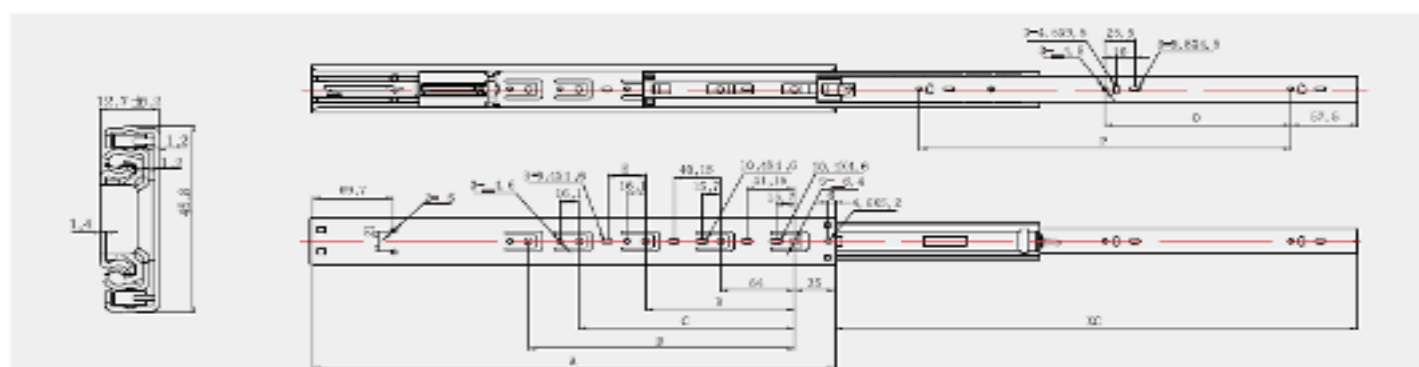
规格	型号	A \pm 0.3	B \pm 0.2	C \pm 0.2	XC \pm 3	D \pm 0.2	P \pm 0.2	Q \pm 0.2
12"	4565-300HH	300	/	/	261	64	/	/
14"	4565-350HH	350	/	/	345	96	/	/
16"	4565-400HH	400	192	/	395	160	/	/
18"	4565-450HH	450	224	/	445	160	/	/
20"	4565-500HH	500	224	320	500	192	/	/
22"	4565-550HH	550	224	352	550	224	352	/
24"	4565-600HH	600	224	/	600	256	/	416

Model no.: WB45P (High version)

1. Full extension with Push To Open (PTO)
2. Loading Capacity: 45kgs
3. Smooth and silence movement
4. Thickness = 1.2 x 1.2 x 1.4

Model no.: WB45PE (Economic version)

1. Full extension with Push To Open (PTO)
2. Loading Capacity: 35kgs
3. Smooth and silence movement
4. Thickness = 1.0 x 1.0 x 1.2

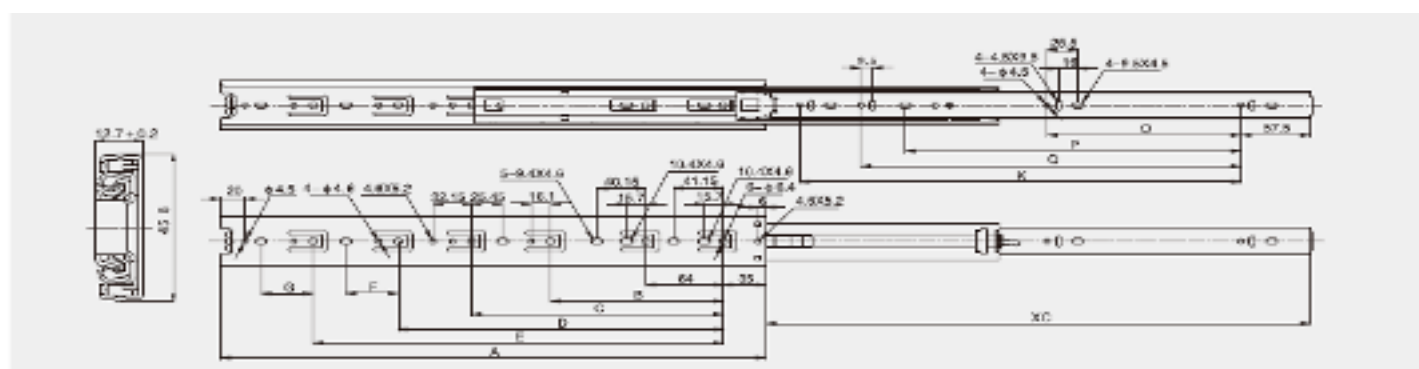
[illegible]

Model no.: WB45N (High version)

1. Normal Full extension
2. Loading Capacity: 45kgs
3. Smooth and silence movement
4. Thickness = 1.2 x 1.2 x 1.4

Model no.: WB45NE (Economic Version)

1. Normal Full extension
2. Loading Capacity: 35kgs
3. Smooth and silence movement
4. Thickness = 1.0 x 1.0 x 1.2



规格	型号	A±0.3	B±0.2	C±0.2	D±0.2	E±0.2	F±0.2	G±0.2	XC±3	O±0.2	P±0.2	Q±0.2	K±0.2
8"	4501-200	200	116	/	/	/	/	/	200	/	126	/	/
10"	4501-250	250	148	/	/	/	/	/	250	/	/	176	/
12"	4501-300	300	224	/	/	/	/	/	300	96	/	/	224
14"	4501-350	350	/	/	224	/	50	/	350	128	/	/	256
16"	4501-400	400	224	/	288	/	/	/	400	160	/	/	320
18"	4501-450	450	224	352	/	/	/	/	450	160	/	/	352
20"	4501-500	500	224	352	416	/	/	/	500	192	/	/	416
22"	4501-550	550	224	352	416	/	50	/	550	224	/	/	448
24"	4501-600	600	224	352	480	/	50	/	600	256	/	/	512

Hinge

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100' Hinge - click on

1. Click on with Soft closing
2. Main material: Cold Rolled Steel
3. Finish Nickel plating
4. Installation: Screw Fixing
5. Product Features: Silent system and with built-in damper

Full overlay

WH100SF

Half overlay

WH100SH

Inset

WH100SI



3D plate - no. 3

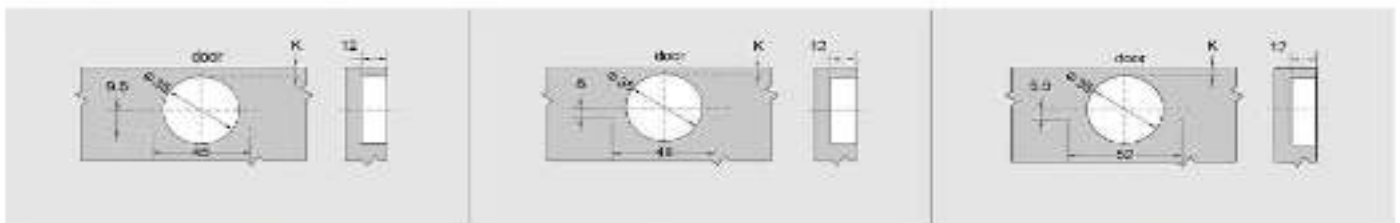


4 holes plate - no.4

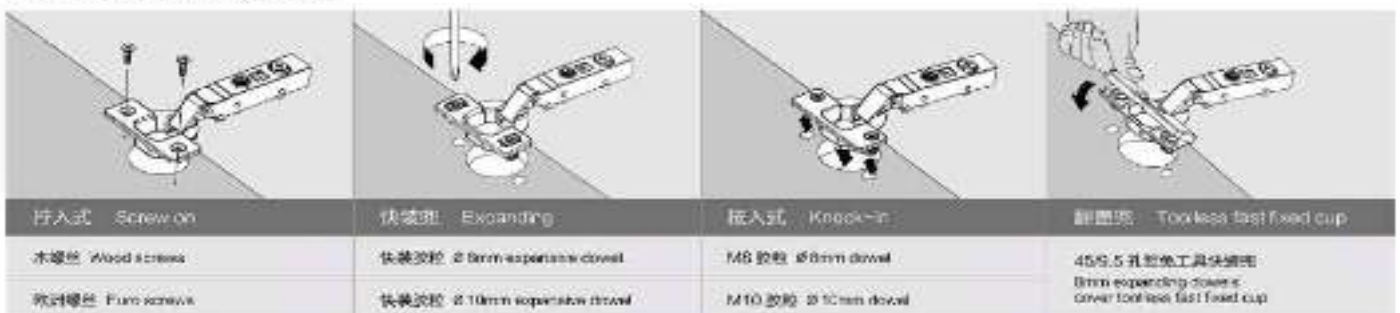


2 holes plate - no.2

DRILLING FOR CUP 铰杯钻孔



CUP INSTALLATION 铰杯安装



OVERLAY TABLE 盖位计算表

Full Overlay 全盖门

$$H = 14 + K - D$$

$\begin{matrix} D \\ K \end{matrix}$	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 半盖门

$$H = 4 + K - D$$

$\begin{matrix} D \\ K \end{matrix}$	3	4	5	6	7
0	7	8	9	10	11
2	5	6	7	8	9
4	3	4	5	6	7

Inset 内嵌门

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

$\begin{matrix} A \\ K \end{matrix}$	3	4	5	6	7
0	1	0	-1	-2	-3
2	3	2	1	0	-1
4	5	4	3	2	1

MINIMUM REVEAL TABLE 开门所需最小开隙

K	T	14	15	16	17	18	19	20	21	22
3	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	
4	0.3	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5	
5	0.2	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4	
6	0.2	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4	
7	0.2	0.4	0.5	0.8	1.0	1.3	1.6	1.9	2.3	

K= 门板钻孔至门板边缘距离
Boring distance

T= 门板厚度
Door thickness

A= 门板与柜体的距离
Minimum gap (A) for door with a door edge radius

L= 门板与侧板的距离
Gap between door and panel

K	T	14	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	
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	1.0	1.3	1.5	1.8	2.0	
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	

上述的参数基于门板边缘为直角边；如门板边缘为圆角边，上述参数将相应减少。

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

HINGE ADJUSTMENT 铰链的调整

<p>Depth Adjustment 深度调整</p> 	<p>Overlay Adjustment 水平调整</p> 	<p>Height Adjustment 高度调整</p> 
<p>调整侧方螺丝以调节柜门间隙。 总调节量为：3.8mm (偏心钉) 5mm (尾螺丝) Rotate depth screw to adjust door gap. Adjust range: 3.8mm (cam screw) 5mm (depth screw)</p>	<p>旋转侧方螺丝以增加或减少门板覆盖量。 总调节量为：6mm Rotate lateral screw to increase or decrease door overlay. Adjust range: 6mm</p>	<p>通过安装在侧板上的高度进行调节。 Adjust the mounting plate on panel to adjust the door's height.</p>
<p>建议：调节参数为产品设计参数，柜体实际尺寸和钻孔及安装方式可能会对参数产生影响。 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.</p>		

100' Hinge - click on

- 1. New type of click on with soft closing with small damper
- 2. Main material: Cold Rolled Steel
- 3. Finish Nickel plating
- 4. Installation: Screw Fixing
- 5. Product Features: Silent system and with built-in damper

Full overlay	WHN100SF
Half overlay	WHN100SH
Inset	WHN100SI



Hidden plate - no.0



3D plate - no.3

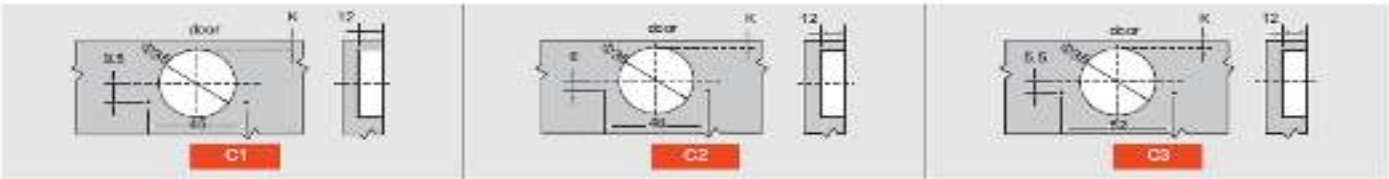


4 holes plate - no.4



2 holes plate - no.2

DRILLING FOR CUP 铰杯钻孔



CUP INSTALLATION 铰杯安装

拧入式 Screw on	快装夹 Expanding	撞入式 Knock-in
木螺钉 Wood screws S	快装胶粒 Ø 8mm expansive dowel E08	M8胶粒 Ø 8mm dowel D08
欧洲螺丝 Euro screws L07	快装胶粒 Ø 10mm expansive dowel E10	M10胶粒 Ø 10mm dowel D10

OVERLAY TABLE 盖位计算表

Full Overlay 全盖门

Side panel

Door

Dimensions: H, K, D, T, L

$H=15+K-D$ 插入式 $H=14+K-D$ 卡式偏心

K	3	4	5	6	7
D	16	18	20	21	22
2	16	17	18	19	20
4	14	15	16	17	18

配一字底座只有H=0

Half Overlay 半盖门

Side panel

Door

Dimensions: H, K, D, T, L

$H=8+K-D$

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

Inset 内嵌门

Side panel

Door

Dimensions: H, K, D, T, L

$H=3+K+A$

K	3	4	5	6	7
D	0	-1	-2	-3	-4
2	3	1	0	-1	-2
4	4	3	2	0	0

MINIMUM REVEAL TABLE 开门所需最小间隙

K	14	15	16	17	18	19	20	21	22
3	0.6	0.6	0.9	1.2	1.6	2.0	2.5	2.9	3.3
4	0.6	0.6	0.9	1.1	1.5	1.9	2.4	2.8	3.2
5	0.6	0.7	0.9	1.1	1.4	1.9	2.3	2.7	3.1
6	0.6	0.7	0.9	1.0	1.3	1.8	2.2	2.6	3.0
7	0.6	0.7	0.9	1.0	1.3	1.7	2.1	2.5	2.9

K=门板钻孔, 到门板边缘距离
Boring distance

T=门板厚度
Door thickness

A=门板与柜体的距离
Minimum gap (A) for door with a door edge radius

L=门板与侧板的距离
Gap between door and panel

K	14	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
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	1.0	1.3	1.5	1.8	2.0
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9

上面的参数基于门板边缘为直角边, 如果门板边缘为圆角边, 上述参数将相应减少。

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

HINGE ADJUSTMENT 铰链的调节

<p>Depth Adjustment 深度调整</p> 	<p>Overlay Adjustment 水平调整</p> 	<p>Height Adjustment 高度调整</p> 
<p>调整后方螺丝以调节柜门间隙。 总调节量为: 5mm (同螺丝) Rotate depth screw to adjust door gap. Adjust range: 5mm (depth screw)</p>	<p>旋转调节螺丝以增加或减少门板覆盖量。 总调节量为: 5mm Rotate lateral screw to increase or decrease door overlay. Adjust range: 5mm</p>	<p>通过安装在侧板上的底座进行调整。 总调节量为3.8mm Adjust the mounting plate on panel to adjust the door's height Adjust range: 3.8mm</p>

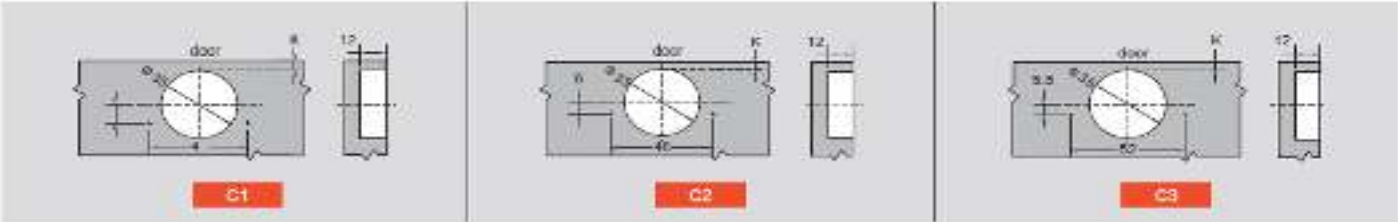
100' Hinge - slide on

- 1. New type of slide on with soft closing with small damper
- 2. Main material: Cold Rolled Steel
- 3. Finish Nickel plating
- 4. Installation: Screw Fixing
- 5. Product Features: Silent system and with built-in damper

Full overlay	WHN100SSF
Half overlay	WHN100SSH
Inset	WHN100SSI



DRILLING FOR CUP 铰杯钻孔



CUP INSTALLATION 铰杯安装

		
拧入式 Screw on	快装孔 Expanding	按入式 Knock-in
木螺钉 Wood screws	快装胶粒 ø 8mm expanding dowel	MS 胶粒 ø 8mm dowel
欧洲标准 Euro screws	快装胶粒 ø 10mm expanding dowel	M10 胶粒 ø 10mm dowel
S	E08	D08
L07	E10	D10

OVERLAY TABLE 盖位计算表

Full Overlay 全盖门

Diagram illustrating the Full Overlay door installation. The diagram shows a cross-section of the door and its mounting plate. Key dimensions labeled are H (total height), L (height of the mounting plate), K (height of the door), and D (height of the mounting plate). The door is labeled "Door".

$$H=14+K-D$$

D \ K	3	4	5	6	7
H	17	18	19	20	21

备注: 2孔安装: H=0, H=2; 4孔安装: H=0, H=2;

Half Overlay 半盖门

Diagram illustrating the Half Overlay door installation. The diagram shows a cross-section of the door and its mounting plate. Key dimensions labeled are H (total height), L (height of the mounting plate), K (height of the door), and D (height of the mounting plate). The door is labeled "Door".

$$H=4+K-D$$

D \ K	3	4	5	6	7
H	7	8	9	10	11

备注: 2孔安装: H=0, H=2; 4孔安装: H=0, H=2;

Inset 内嵌门

Diagram illustrating the Inset door installation. The diagram shows a cross-section of the door and its mounting plate. Key dimensions labeled are H (total height), L (height of the mounting plate), K (height of the door), and D (height of the mounting plate). The door is labeled "Door".

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

D \ K	3	4	5	6	7
H	1	0	-1	-2	-3

备注: 2孔安装: H=0, H=2; 4孔安装: H=0, H=2;

MINIMUM REVEAL TABLE 开门所需最小间隙

4

A min

L

K	14	15	16	17	18	19	20	21	22
3	0.6	0.8	0.9	1.2	1.6	2.0	2.5	2.9	3.3
4	0.6	0.8	0.9	1.1	1.5	1.9	2.4	2.8	3.2
5	0.6	0.7	0.9	1.1	1.4	1.9	2.3	2.7	3.1
6	0.5	0.7	0.9	1.0	1.3	1.8	2.2	2.6	3.0
7	0.5	0.7	0.9	1.0	1.3	1.7	2.1	2.5	2.9

K= 门板钻孔到门板边缘距离

Boring distance

T= 门板厚度

Door thickness

A= 门板与柜侧的距离

Minimum gap (A) for door with a door edge radius

L= 门板与侧板的距离

Gap between door and panel

K	14	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
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	1.0	1.3	1.5	1.8	2.0
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9

上面的参数基于门板边缘为直角边; 如果门板边缘为圆角边, 上述参数将相应减少。

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

HINGE ADJUSTMENT 铰链的调整

Depth Adjustment 深度调整 	Overlay Adjustment 水平调整 	Height Adjustment 高度调整 
调整后方螺丝以调节柜门间隙。 总调节量为: 5mm Rotate depth screw to adjust door gap. Adjust range: 5mm	旋转调节螺丝以增加或减少门板覆盖量。 总调节量为: 6mm Rotate lateral screw to increase or decrease door overlay. Adjust range: 6mm	通过安装在侧板上的底座进行调节。 Adjust the mounting plate on panel to adjust the door's height.
建议: 调节参数为产品设计参数, 柜体实际尺寸和钻孔及安装方式可能对参数产生影响。 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.		

100' Normal Hinge - click on

- 1. Click on without soft closing
- 2. Main material: Cold Rolled Steel
- 3. Finish Nickel plating
- 4. Installation: Screw Fixing
- 5. Product Features: Silent system

Full overlay	WH100F
Half overlay	WH100H
Inset	WH100I



3D plate - no.3

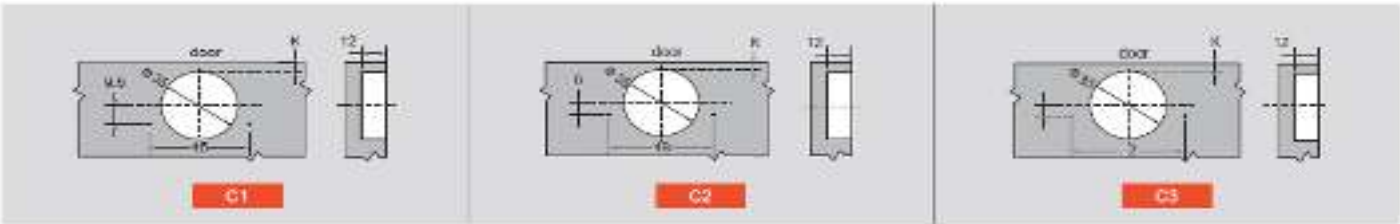


4 holes plate - no.4

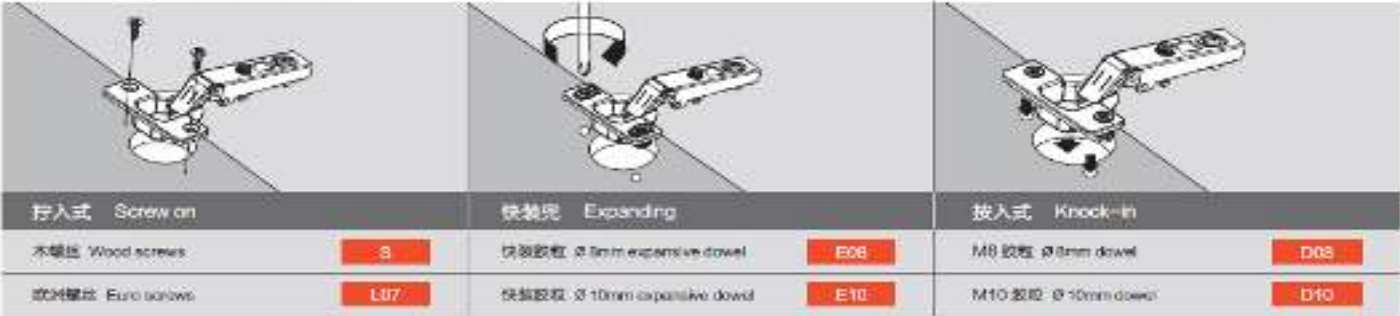


2 holes plate - no.2

DRILLING FOR CUP 铰杯钻孔



CUP INSTALLATION 铰杯安装



OVERLAY TABLE 盖位计算表

Full Overlay 全盖门	Half Overlay 半盖门	Inset 内嵌门																																																																								
																																																																										
$H=14+K-D$ <table border="1"> <tr> <th>H\K</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> <tr> <th>0</th> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> </tr> <tr> <th>2</th> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> </tr> <tr> <th>4</th> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> </tr> </table>	H\K	3	4	5	6	7	0	17	18	19	20	21	2	15	16	17	18	19	4	13	14	15	16	17	$H=8+K-D$ <table border="1"> <tr> <th>H\K</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> <tr> <th>0</th> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> </tr> <tr> <th>2</th> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <th>4</th> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> </table>	H\K	3	4	5	6	7	0	7	8	9	10	11	2	5	6	7	8	9	4	3	4	5	6	7	$H=-4+K+A$ <table border="1"> <tr> <th>H\K</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> <tr> <th>0</th> <td>1</td> <td>0</td> <td>-1</td> <td>-2</td> <td>-3</td> </tr> <tr> <th>2</th> <td>3</td> <td>2</td> <td>1</td> <td>0</td> <td>-1</td> </tr> <tr> <th>4</th> <td>5</td> <td>4</td> <td>3</td> <td>2</td> <td>1</td> </tr> </table>	H\K	3	4	5	6	7	0	1	0	-1	-2	-3	2	3	2	1	0	-1	4	5	4	3	2	1
H\K	3	4	5	6	7																																																																					
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4	5	4	3	2	1																																																																					
备注: C001 没有 H=4 两孔盖座, 有 H=-2 的盖座 Notice: 2 holes mounting plate H=-2 is available for slide on hinges, H=4 is not available	备注: C001 没有 H=24 盖座, 有 H=-2 的盖座	备注: C071 没有 H=24 盖座																																																																								

MINIMUM REVEAL TABLE 开门所需最小间隙

z

A\T	14	15	16	17	18	19	20	21	22
3	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.2	3.6
4	1.3	1.5	1.7	1.9	2.1	2.4	2.8	3.1	3.5
6	1.2	1.4	1.6	1.8	2.1	2.4	2.7	3.0	3.4
8	1.2	1.4	1.6	1.8	2.1	2.3	2.6	3.0	3.4
7	1.2	1.4	1.5	1.8	2.0	2.2	2.5	2.8	3.1

K= 门板钻孔到门板边缘距离

Boring distance

T= 门板厚度

Door thickness

A= 门板与柜侧板的距离

Minimum gap (A) for door with a door edge radius

L= 门板与侧板的距离

Gap between door and panel

c

L\T	14	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
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
6	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0
8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9

上表的参数基于门板边缘为直角边; 如果门板边缘

为圆角边, 上述参数将相应减少。

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

HINGE ADJUSTMENT 铰链的调节

Depth Adjustment 深度调整 	Overlay Adjustment 水平调整 	Height Adjustment 高度调整 
通过拧动螺丝以调节门门高度。 调节量为: 3.8mm (偏心钉) 5mm (深度钉) Rotate depth screw to adjust door gap. Adjust range: 3.8mm (cam screw) 5mm (depth screw)	通过调节螺丝以增加或减少门板重叠量。 调节量为: 6mm Rotate lateral screw to increase or decrease door overlay. Adjust range: 6mm	通过安装在侧板上的铰链进行调节。 Adjust the mounting plate on panel to adjust the door's height.
注意: 调节参数为产品设计参数, 柜体实际尺寸和钻孔及安装方式可能对参数产生影响。 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.		

100' Normal Hinge - slide on

1. Slide on without soft closing
2. Main material: Cold Rolled Steel
3. Finish Nickel plating
4. Installation: Screw Fixing
5. Product Features: Silent system

Full overlay **WH100FS**

Half overlay **WH100HS**

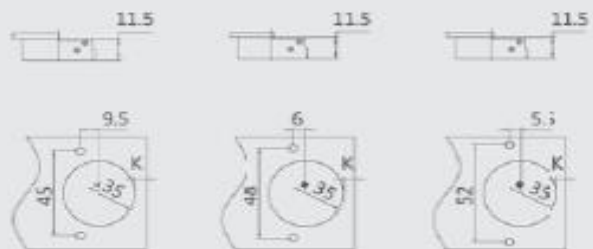
Inset **WH100IS**



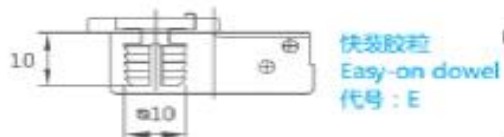
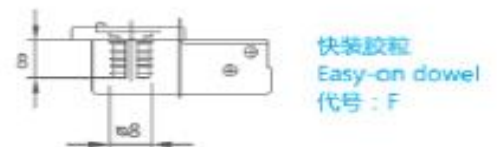
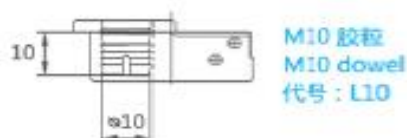
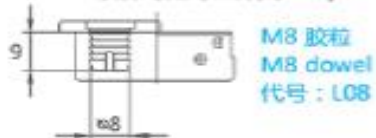
- 开启角度：105度
- 铰杯厚度：11.5毫米
- 铰杯直径：35毫米
- 面板 (K) 尺寸：3-7毫米
- 门板可用厚度：14-22毫米

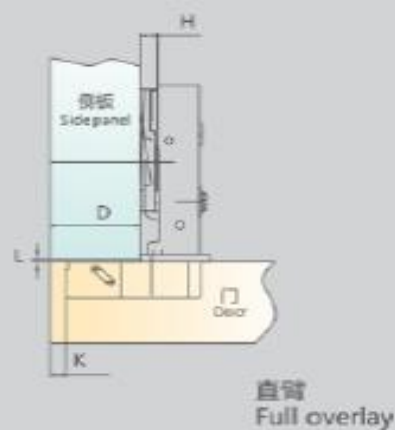
- Opening Degree：105°
- Thickness of hinge cup：11.5mm
- Diameter of hinge cup：35mm
- Dimension of door (K)：3-7mm
- Range for door thickness：14-22mm

Φ35mm铰杯种类 (Hing cup types)



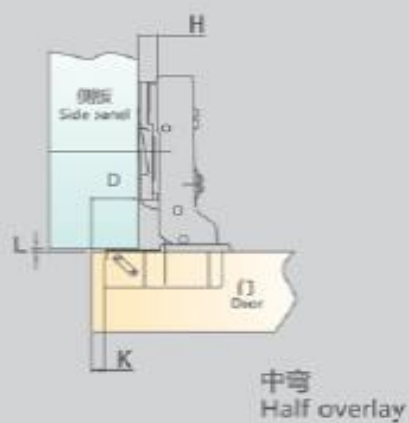
Φ35mm铰杯可配螺丝种类 Options of screws and dowels





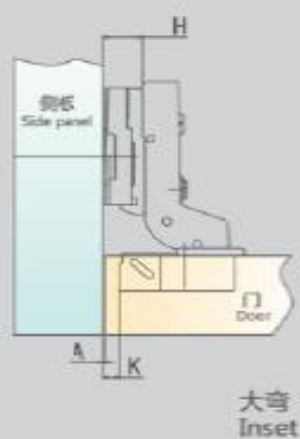
$$H=14+K \cdot D$$

D \ K	3	4	5	6	7
-2	19	20	21	22	23
0	17	18	19	20	21
2	15	16	17	18	19



$$H=4+K \cdot D$$

D \ K	3	4	5	6	7
-2	9	10	11	12	13
0	7	8	9	10	11



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

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

165' Hinge - click on
Click on with soft closing

- Full overlay WH165SF3
- Half overlay WH165SH3
- Inset WH165SI3



OVERLAY TABLE 叠位计算表

Full Overlay 全叠门

Diagram illustrating the Full Overlay hinge installation. The side panel is shown with a hinge mounted on it, and the door is shown with a corresponding hinge. The dimensions H, K, and L are indicated.

$$H=14+K-D$$

K	3	4	5	6	7	
H	0	17	18	19	20	21
2	15	16	17	18	19	
4	12	14	15	16	17	

Half Overlay 半叠门

Diagram illustrating the Half Overlay hinge installation. The side panel is shown with a hinge mounted on it, and the door is shown with a corresponding hinge. The dimensions H, K, and L are indicated.

$$H=4+K-D$$

K	3	4	5	6	7	
H	0	7	8	9	10	11
2	5	6	7	8	9	
4	3	4	5	6	7	

Inset 内嵌门

Diagram illustrating the Inset hinge installation. The side panel is shown with a hinge mounted on it, and the door is shown with a corresponding hinge. The dimensions H, K, and L are indicated.

$$H=K+A$$

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

MINIMUM REVEAL TABLE 开门所需最小间隙

K= 门板钻孔到门板边缘距离

Boring distance

T= 门板厚度

Door thickness

A= 门板与侧板的距离

Minimum gap (A) for door with a door edge radius

L= 门板与侧板的距离

Gap between door and panel

T	14	15	16	17	18	19	20	21	22	23	24	25	26
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.1	2.7
L	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	2.0	2.5
L	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.2	1.8	2.3
L	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
L	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5	2.0

上面的参数基于门板边缘为直角边；如果门板边缘为圆角边，上述参数将相应减少。

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduced according to the edge size.

HINGE ADJUSTMENT 铰链的调整

<p>Depth Adjustment 深度调整</p> 	<p>Overlay Adjustment 水平调整</p> 	<p>Height Adjustment 高度调整</p> 
<p>铰链深度螺丝以调节门间隙。 总调节量为：3.8mm Rotate depth screw to adjust door gap. Adjust range: 3.8mm</p>	<p>铰链调节螺丝以调节或减少门重叠量。 总调节量为：6mm Rotate lateral screw to increase or decrease door overlay. Adjust range: 6mm</p>	<p>铰链安装在侧板上的高度进行调节。 Adjust the mounting plate on panel to adjust the door's height.</p>
<p>建议：调节参数为产品设计参数，柜体实际尺寸和钻孔及安装方式可能对参数产生影响。 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.</p>		

90° Hinge - click on
Click on

WH90S2



OVERLAY TABLE 盖位计算表

Full Overlay 全盖门

X	K	4	5
0	20	19	3
2	20	19	1
4	20	19	-1

备注: T90 铰链只适配 H=80mm 的柜孔规格
Remark: Can only use clip on 2 holes plate
H=80mm

HINGE ADJUSTMENT 铰链的调节

<p>Depth Adjustment 深度调整</p>	<p>Overlay Adjustment 水平调整</p>	<p>Height Adjustment 高度调整</p>
<p>旋转调节丝以增加或减少门板深度。 总调节量为: 5mm Rotate lateral screw to increase or decrease door's overlay. Adjust range : 5mm</p>	<p>旋转丝方调节丝以调节门间隙。 总调节量为: 3.8mm (偏心钉) 5mm (尾螺丝) Rotate depth screw to adjust door gap. Adjust range : 3.8mm (cam screw) 5mm (depth screw)</p>	<p>通过安装在侧板上的底座进行调节。 Adjust the mounting plate on panel to adjust the door's height.</p>
<p>建议: 调节参数为产品设计参数, 柜体实际尺寸和钻孔及安装方式可能对参数产生影响。 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.</p>		

45° Hinge - click on
Click on

WH45S3



OVERLAY TABLE 叠位计算表

Full Overlay 全面门

Technical diagram of a Full Overlay cabinet door assembly. The diagram shows a side panel (Side panel) and a door (Door) with dimensions X, Y, and Z. The door is shown at a 45-degree angle. The diagram includes labels for 'Side panel' and 'Door'.

X	4	5	6	7
0	37	36	35	34
2	37	36	35	34
4	37	36	35	34

HINGE ADJUSTMENT 铰链的调整

<p>Depth Adjustment 深度调整</p> 	<p>Overlay Adjustment 水平调整</p> 	<p>Height Adjustment 高度调整</p> 
<p>调整左右螺丝以调节柜门间隙。 总调节量为：3.8mm（偏心钉）5mm（调隙丝） Rotate depth screw to adjust door gap. Adjust range: 3.8mm (cam screw) 5mm (depth screw)</p>	<p>旋转调节丝以增加或减少门板重叠量。 总调节量为：5mm Rotate (short) screw to increase or decrease door overlay. Adjust range: 5mm</p>	<p>握住安装在侧板上的螺丝进行调节。 Adjust the mounting plate on panel to adjust the door's height.</p>
<p>建议：调节参数为产品设计参数，柜体实际尺寸和钻孔及安装方式可能对参数产生影响。 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.</p>		