

KOLITY

KOLITY



## PRODUCT CATALOG

Product Catalog Version 3.0

Guangdong Kolity Home Hardware Co.,Ltd.

☎ 400-6666-283  
📍 East of Gongye Road 6, Jiangcun Industrial Area, Leliu Town, Shunde, Foshan, Guangdong, China  
🏠 [www.kolity.com.cn](http://www.kolity.com.cn)



WeChat  
Official Accounts



Online Shopping  
Site on Joybuy

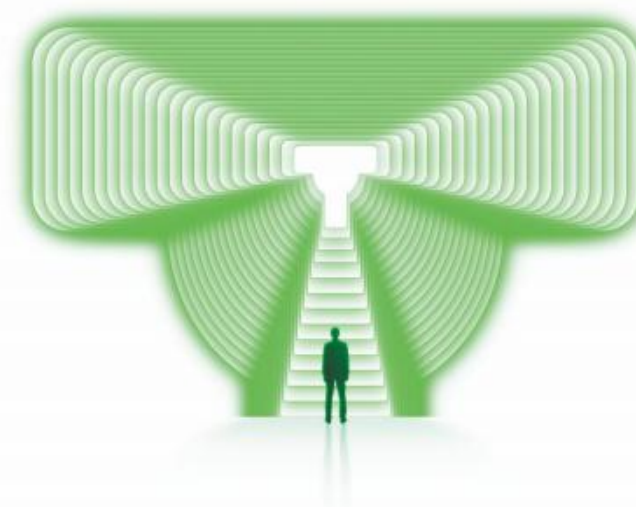


WeChat  
Mini Apps

Product Catalog Version 3.0



Reddot design award  
winner 2015



Welcome to Kolity

## Message from the general manager

What users need is innovative product with value for price and excellent service, which we work with perseverance, KOLITY always would be users' choice.



## COMPANY INTRODUCTION

Kolity is one of the earliest enterprises to research and produce hydraulic damper cylinders in China, which was established in year 2000 with the name of Foshan Jinteng Precision Hardware Factory. As a pusher of the development for the Chinese damper hardware technology, we keep offering damper hardware with high quality and innovation supporting to the modern home furniture enterprises in China.

The name of "KOLITY" comes from the transliteration of the English word "Quality", indicating quality commitment from the beginning of establishment.

We have an independent team for product development. In accordance with the concept of professionalism, dedication and innovation, we adhere to the independent research and development of core technology. We have won the market's recognition and welcome with our cost-effective high-quality hydraulic damping hinge products.

With the hard working from Kolity team these years, our damping technology is becoming more and more mature. Our production line is not only hydraulic hinges now, but also hydraulic slides and aluminum frame door opening and closing systems, and so on.



# COMPANY HISTORY

2000  
Foshan Jinteng Hardware  
Factory was founded.

2002  
We became the main  
supplier to many electric  
enterprises like Media,  
Macro and so on.

2003  
We became the adjustment  
precision hardware manufacturer  
of the US National Aeronautics  
and Space Administration.

2004  
We mastered the technology  
of the damper hardware center  
accessory called "Hydraulic Hinge  
Cylinder".

2006  
We became the main  
supplier to many home  
hardware companies like  
Archie,DTC and so on.

2008  
We brought in TQM  
manage system.

2010  
Damper hardware researching  
center was founded and our  
company name was officially  
changed to Kolity.

2011  
Kolity brought in advanced  
hardware equipments and detection  
equipments from Europe.

2012  
We moved to the First Industrial  
Park of KOLITY,which covers an  
area of 20,000 square meters,  
and entered the stage of rapid  
development.

2013  
We proposed the concept of  
"invisible hinge",leading the  
industry trend.

2014  
K3 series two-way hydraulic  
damping hinge was successfully  
developed and led the industry.

2015  
The "Glider One" gained the  
German Red Dot Design Award.

2016  
The high-end hinge K7  
series (Armor 3) was  
launched on the market.

2017  
We established the "KOLITY business  
school", introduced "Lean Production  
Management System", and won the title  
of "High-tech Enterprise" in the same year.

2018  
K6-2 series hinge for thick door  
was successfully developed and  
solved the problem of thick door  
opening in the area of household  
industry.

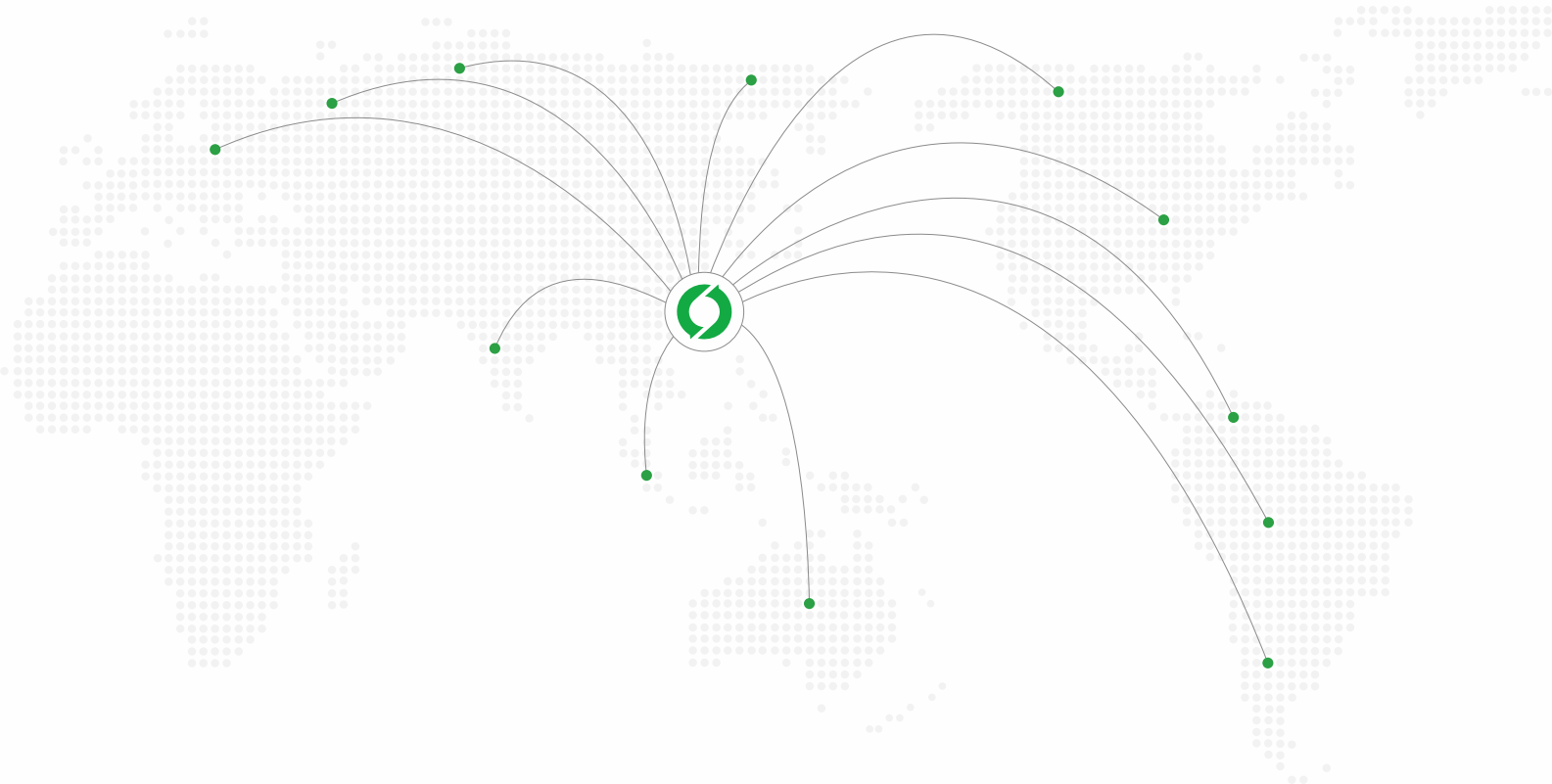
2019  
The high-end entry lux hinge  
K5-3 series (Black warrior)  
was launched on the market.

Now  
KOLITY has obtained 22 invention  
patents, 103 utility model patents  
and 36 appearance patents.

SALES NETWORK



reddot design award  
winner 2015



ASIA

- China (including HK, Macao, Taiwan)
- Japan
- Korea
- India
- Indonesia
- Malaysia
- Iran
- Thailand
- Vietnam
- Mongolia
- Pakistan
- Kuwait
- Singapore
- Lebanon

EUROPE

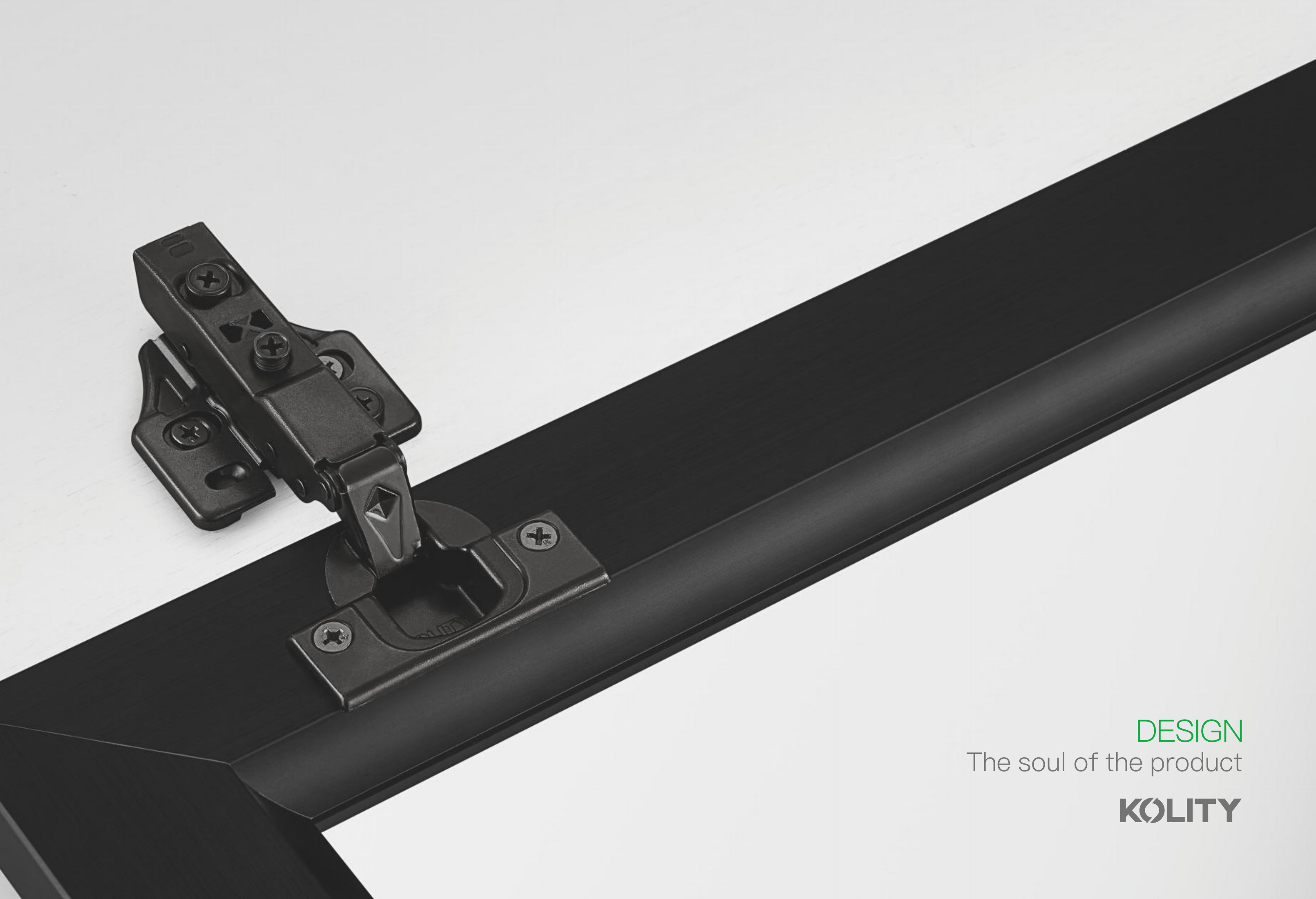
- Germany
- Italy
- England
- France
- Russia
- Poland
- Turkey
- Greece
- Iraq
- Serbia
- Bulgaria

AMERICA

- America
- Canada
- Brazil
- Argentina
- Chile

OCEANIA

- New Zealand
- Australia



DESIGN

The soul of the product

**KOLITY**





## Z1

### Soft Close Pivot Hinge

Concealed | A Door To The Top | 270° Opening Angle | Colourful Collocation









## K6-2-LKH

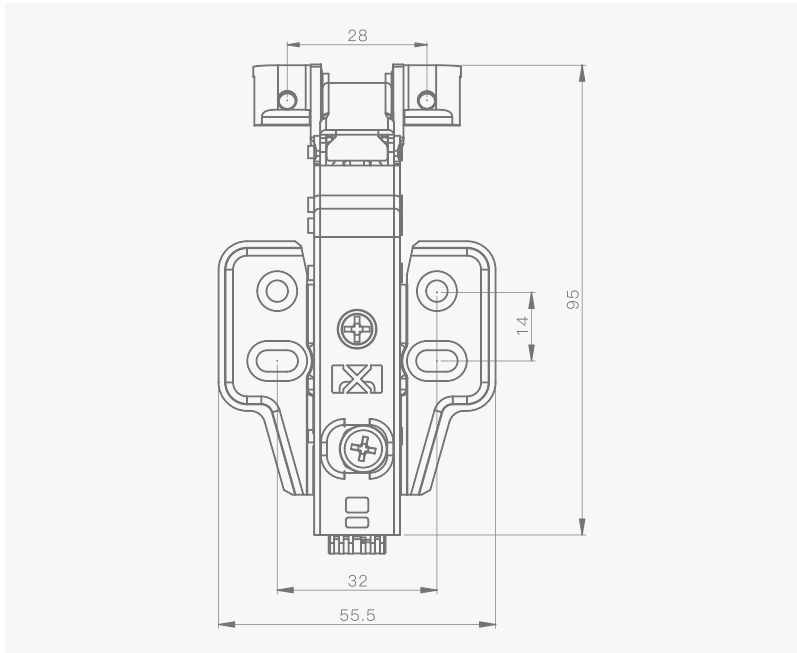
Hinge For Thick Aluminum Frame Door





K6-2-V1-LKH

Hinge For Thick Aluminum Frame Door V1 Type







Product Information

3D clip-on/Clip-on/Fix-on/Two-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Aluminum Width(V): 19-22mm
Range of Aluminum Thickness(X): 22-28mm
Drilling size of Hinge Cup: 28mm
Cover Adjustment: 0-5mm
Depth Adjustment: -2.5mm/+2.5mm
Base Adjustment: -2.5mm/+2.5mm
Hinge Cup Material: Zinc-alloy
Hinge Arm Material: 1.2mm cold-rolled steel with black nickle plated
Hinge Plate Material: 1.2mm cold-rolled steel with black nickle plated

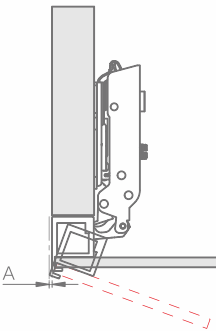
Cover

	Name	Trademark
	arm cover	custom-made

Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation of Hinge Cup



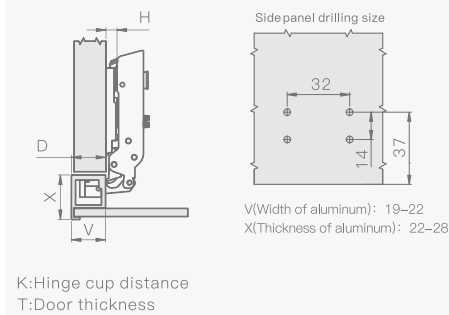
		X=						
		22	23	24	25	26	27	28
V=19	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.4
V=20	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=21	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=22	A=	0.8	0.9	1.2	1.5	1.7	1.7	2.2

K6-2-V1-LKH

Hinge For Thick Aluminum Frame Door V1 Type

Installation & Overlay Calculation

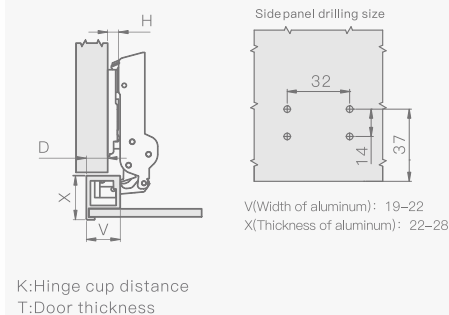
FULL OVERLAY



0		Door panel cover D									
			15	16	17	18	19	20	21	22	
Width of Aluminum V	19	4					0				
	20			4				0			
	21				4				0		
	22					4				0	
		Base Height H									



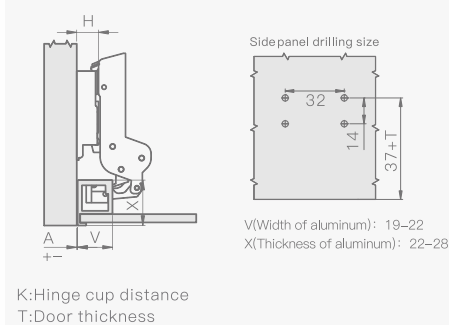
HALF OVERLAY



0		Door panel cover D										
		7	8	9	10	11	12	13	14			
Width of Aluminum V	19	4				0						
	20		4				0					
	21			4				0				
	22				4				0			
		Base Height H										



INSET

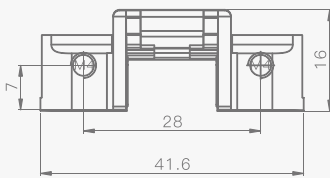


		Door panel cover A										
			3.5	2.5	1.5	0.5						
Width of Aluminum V	22		4									
	21			4								
	20				4							
	19					4						
		Base Height H										

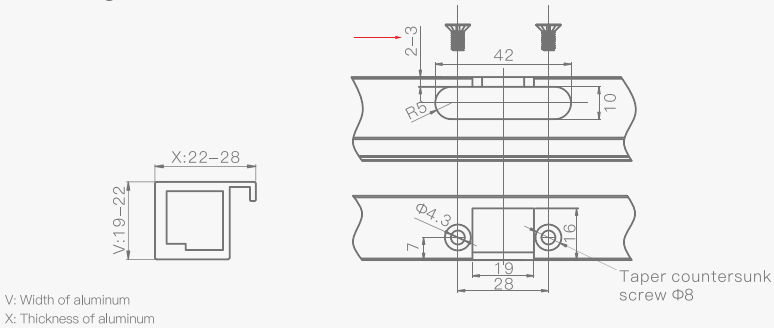


Installation of Hinge Cup

Hinge cup:

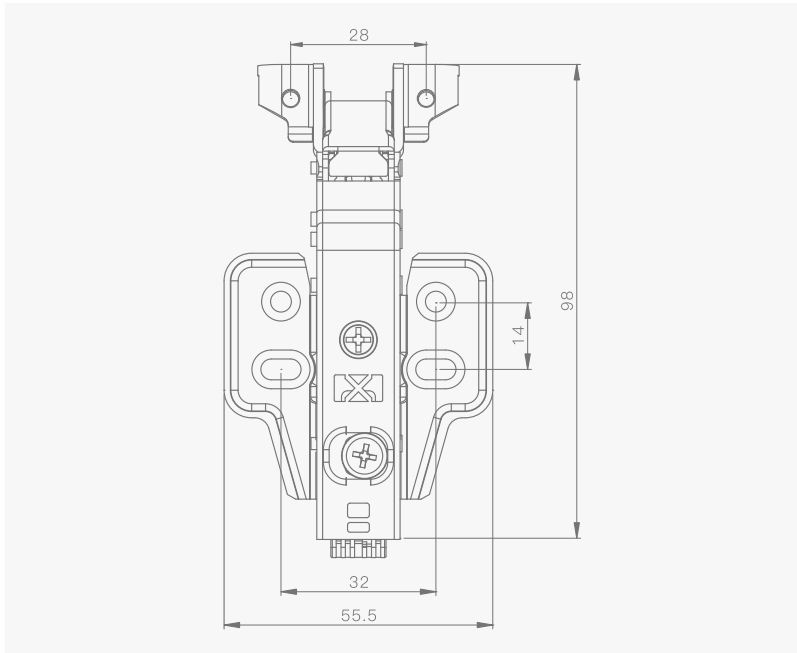


Drilling size:



## K6-2-V2-LKH

Hinge For Thick Aluminum Frame Door V2 Type







### Product Information

3D clip-on/Clip-on/Fix-on/Two-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Aluminum Width(V): 23–26mm
Range of Aluminum Thickness(X): 22–28mm
Drilling size of Hinge Cup: 28mm
Cover Adjustment: 0–5mm
Depth Adjustment: –2.5mm/+2.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: Zinc-alloy
Hinge Arm Material: 1.2mm cold-rolled steel with black nickle plated
Hinge Plate Material: 1.2mm cold-rolled steel with black nickle plated

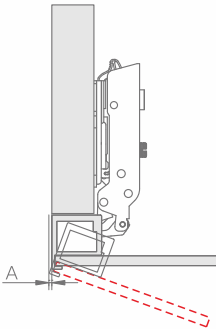
### Cover

	Name	Trademark
	arm cover	custom-made

### Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

### Installation of Hinge Cup



		X=						
		22	23	24	25	26	27	28
V=23	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.4
V=24	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=25	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=26	A=	0.8	0.9	1.2	1.5	1.7	1.7	2.2

### Installation & Overlay Calculation

FULL OVERLAY

Sidepanel drilling size

V(Width of aluminum): 23–26  
X(Thickness of aluminum): 22–28

K:Hinge cup distance  
T:Door thickness

		Door panel cover D												
		16	17	18	19	20	21	22						
Width of Aluminum V	22				0									
	23					0								
	24		4				0							
	25			4				0						
	26				4				0					
		Base Height H												

HALF OVERLAY

Sidepanel drilling size

V(Width of aluminum): 23–26  
X(Thickness of aluminum): 22–28

K:Hinge cup distance  
T:Door thickness

		Door panel cover D												
		8	9	10	11	12	13	14						
Width of Aluminum V	22				0									
	23					0								
	24			4			0							
	25				4			0						
	26					4				0				
		Base Height H												

INSET

Sidepanel drilling size

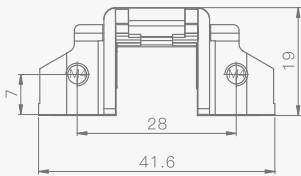
V(Width of aluminum): 23–26  
X(Thickness of aluminum): 22–28

K:Hinge cup distance  
T:Door thickness

		Door panel cover A												
		3.5	2.5	1.5	0.5	–0.5								
Width of Aluminum V	26		4											
	25			4										
	24				4									
	23					4								
	22						4							
		Base Height H												

### Installation of Hinge Cup

Hinge cup:



Drilling size:

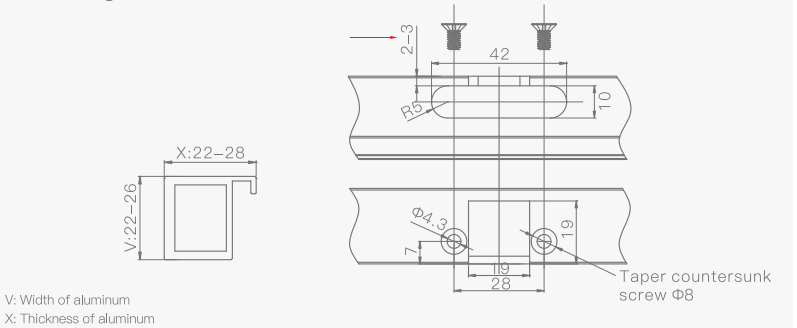


Diagram For Aluminum Range Of V1 Type

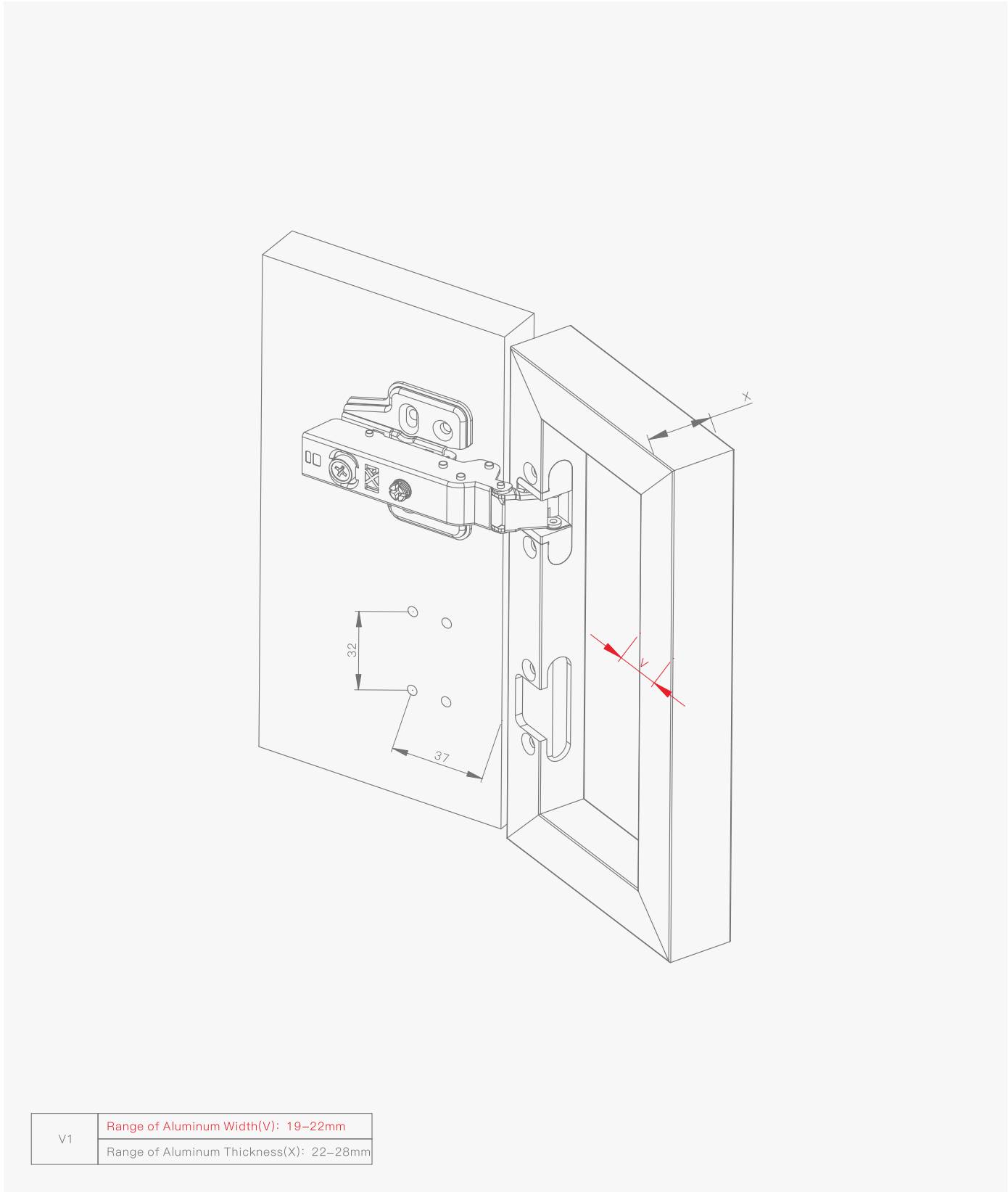
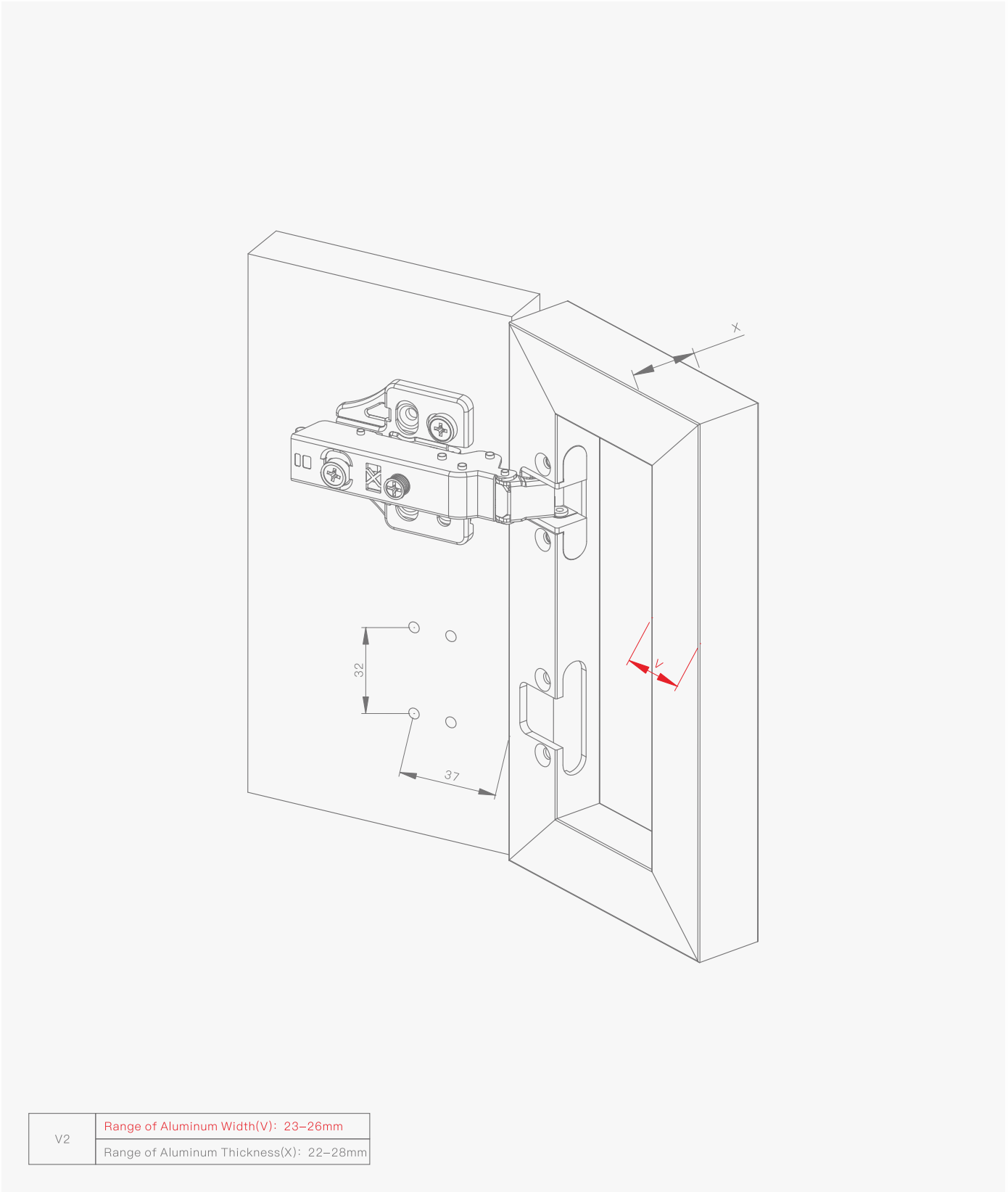


Diagram For Aluminum Range Of V2 Type





## K6-2

Hinge For Thick Door

Suitable For 18-30mm Thick Door



reddot design award  
winner 2019



Product Information

3D/Clip-on/Fix-on/Two-way/One-way

Quality Standard: Grade 3 of EN15570

Open Angle: 97°-100°

Range of Door Thickness: 16-28mm

Diameter of Hinge Cup: 35mm

Depth of Hinge Cup:12mm

Cover Adjustment: 0-5mm

Depth Adjustment: -2.5mm/+2.5mm

Base Adjustment: -2.5mm/+2.5mm

Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating

Hinge Arm Material: 1.2mm cold-rolled steel with nickle plating

Hinge Plate Material: 1.2mm cold-rolled steel with nickle plating

Cover

	Name	Trademark
	arm cover	custom-made

Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation of Hinge Cup

	T=	19	20	21	22	23	24	25	26	27	28	29	30
K=3	A=	0.4	0.5	0.6	0.8	0.9	1.2	1.5	1.7	1.9	2.5	2.9	3.3
K=4	A=	0.4	0.5	0.6	0.8	0.9	1.2	1.5	1.7	1.8	2.4	2.9	3.3
K=5	A=	0.4	0.5	0.6	0.8	0.9	1.2	1.5	1.7	1.8	2.3	2.8	3.2
K=6	A=	0.4	0.5	0.6	0.8	0.9	1.2	1.5	1.7	1.8	2.3	2.7	3.1
K=7	A=	0.4	0.5	0.6	0.8	0.9	1.2	1.5	1.7	1.7	2.2	2.7	3.0

Installation & Overlay Calculation

FULL OVERLAY

K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		17.5	18.5	19.5	20.5	21.5	22.5
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							

HALF OVERLAY

K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		10	11	12	13	14	
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							

INSET

K:Hinge cup distance  
T:Door thickness


0	Door panel cover A						
		3	2	1	0	-1	
Hinge cup Distance K	7		4				
	6			4			
	5				4		
	4					4	
	3						4
Base Height H							

Installation of Hinge Cup

Drilling size:45mm



Drilling size:48mm





Drilling size:52mm



Product Information

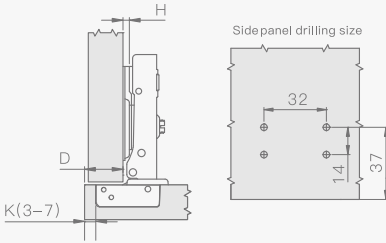
3D/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Door Thickness: 15–24mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm
Cover Adjustment: 0–4mm
Depth Adjustment: –2.5mm/+2.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.2mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.2mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw					
	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm


Installation & Overlay Calculation

FULL OVERLAY

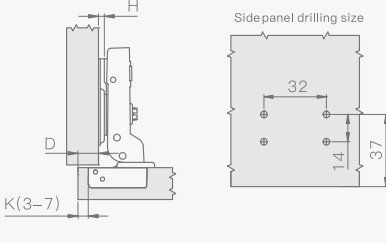


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D										
	13	14	15	16	17	18	19	20	21		
Hinge cup Distance K	3	4				0					
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
Base Height H											




HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

0	Door panel cover D										
	5	6	7	8	9	10	11	12	13		
Hinge cup Distance K	3	4				0					
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
Base Height H											



INEST



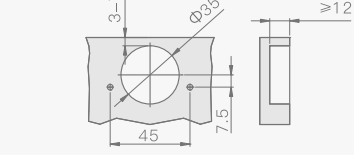
K:Hinge cup distance  
T:Door thickness

0	Door panel cover A										
	1.5	0.5	–0.5	–1.5	–2.5	–3.5	–4.5				
Hinge cup Distance K	3	0			4						
	4		0			4					
	5			0			4				
	6				0						
	7					0					
Base Height H											

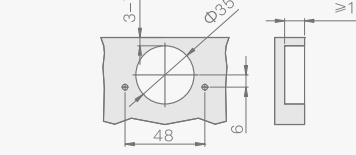


Installation of Hinge Cup

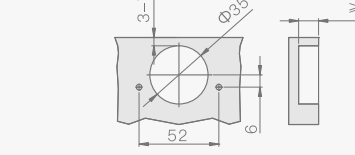
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm







## K5-3-H

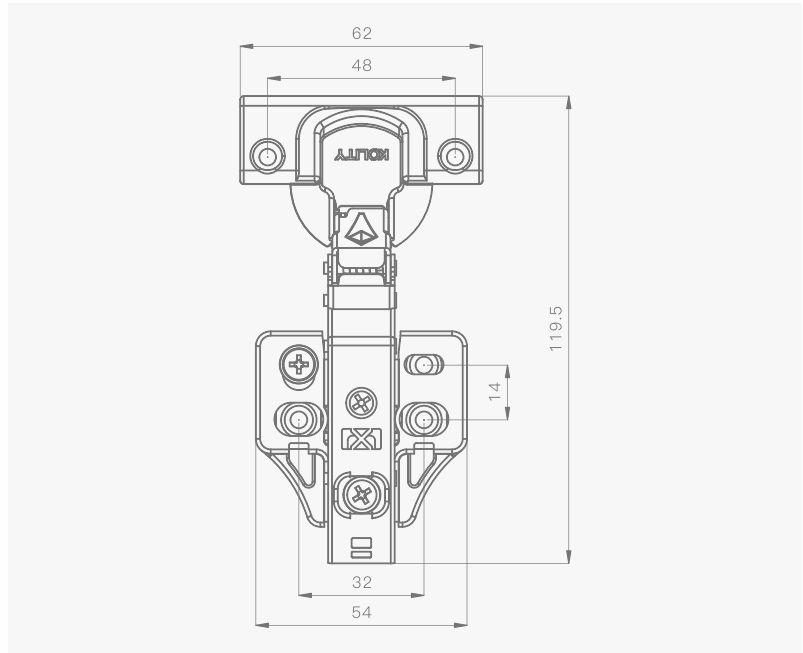
Clip on 3D Hydraulic Hinge

Solution For Opening And Closing Of Entry Lux Furniture



## K5-3-H

Black Warrior







### Product Information

3D/Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Range of Door Thickness:15–25mm
Open Angle:103° – 105°
Soft close at: <10°
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup: 12mm
Cover Adjustment: 0–5mm
Depth Adjustment: 3D –2.5mm/+2.5mm Normal –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

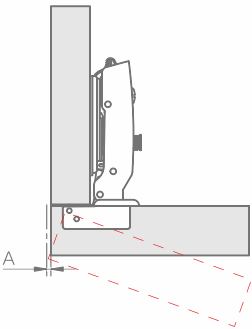
### Cover

	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

### Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

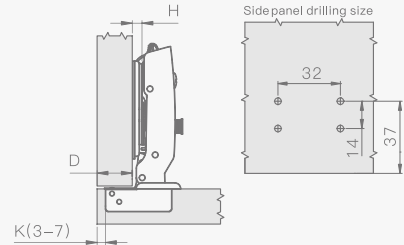
### Installation of Hinge Cup



	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

### Installation & Overlay Calculation

#### FULL OVERLAY

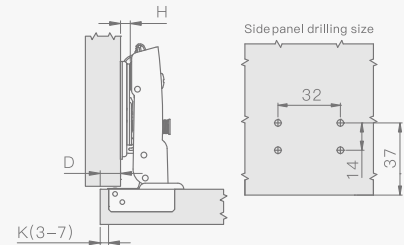


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		18	19	20	21	22	
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							



#### HALF OVERLAY

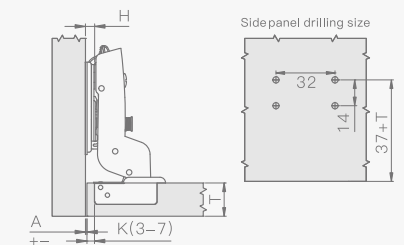


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		10	11	12	13	14	
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							



#### INSET



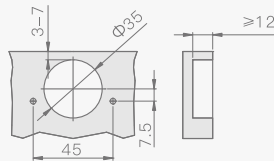
K:Hinge cup distance  
T:Door thickness

0	Door panel cover A						
		3	2	1	0	-1	
Hinge cup Distance K	7		0				
	6			0			
	5				0		
	4					0	
	3						0
Base Height H							

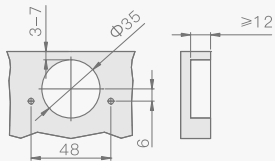


### Installation of Hinge Cup

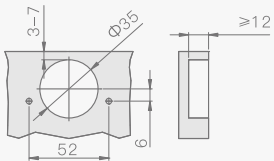
Drilling size 45mm



Drilling size 48mm



Drilling size 52mm





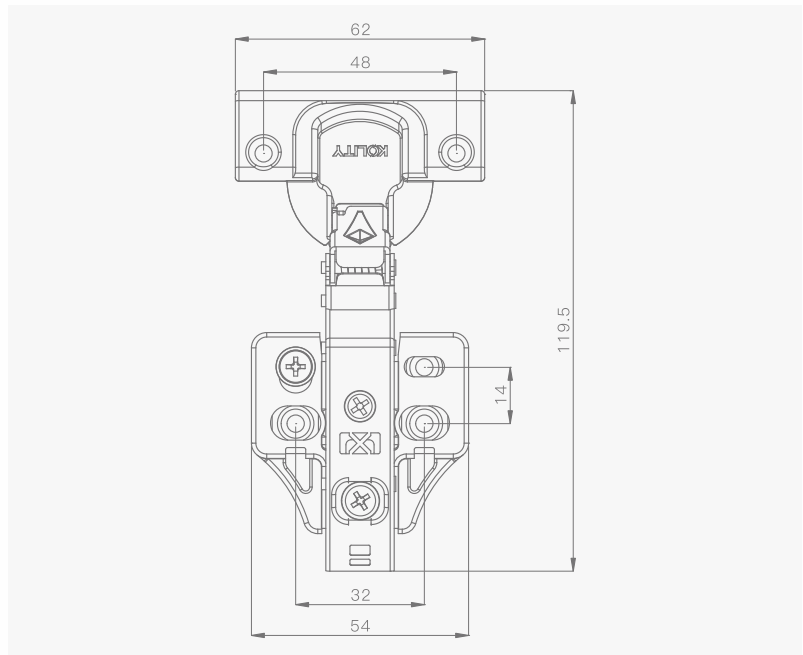
## K5-3-304

Water-Proof Hinge

All Stainless Steel | Soft Close At Small Angle | Two-way Soft Closing













Product Information
3D/Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle:103°– 105°
Soft close at: <10°
Range of Door Thickness: 15–25mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:12mm
Cover Adjustment: 0–5mm
Depth Adjustment: 3D –2.5mm/+2.5mm Normal –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm 304 stainless steel
Hinge Arm Material: 1.0mm 304 stainless steel
Hinge Plate Material: 1.0mm 304 stainless steel

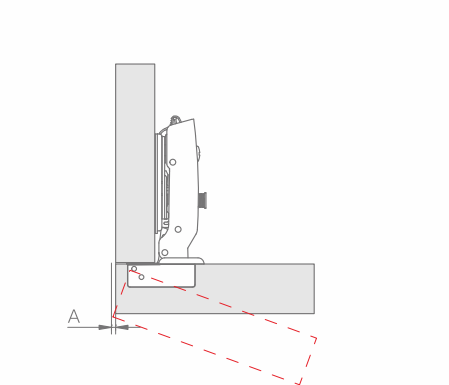
Cover

	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

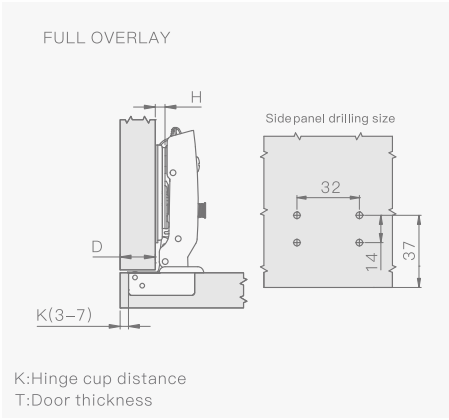
	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation of Hinge Cup

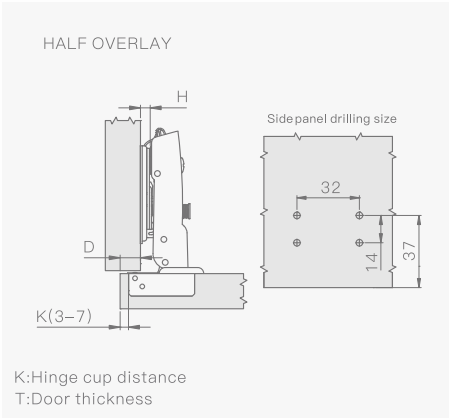


	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

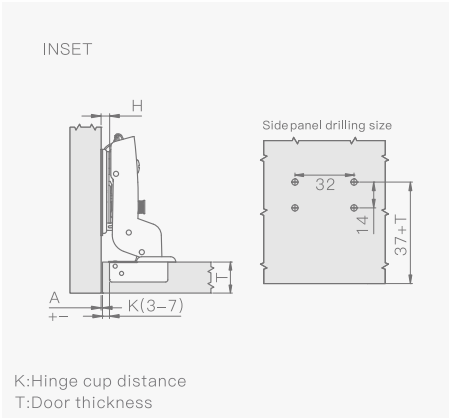
Installation & Overlay Calculation



Hinge cup Distance K	0	Door panel cover D						
		18	19	20	21	22		
3		0						
4			0					
5				0				
6					0			
7						0		
Base Height H								



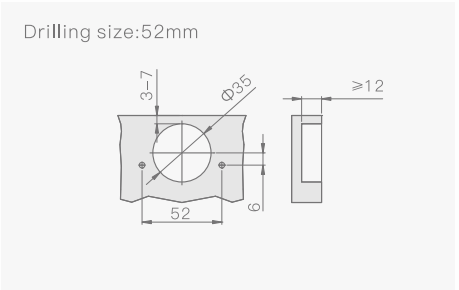
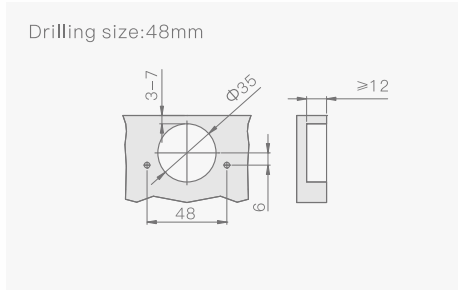
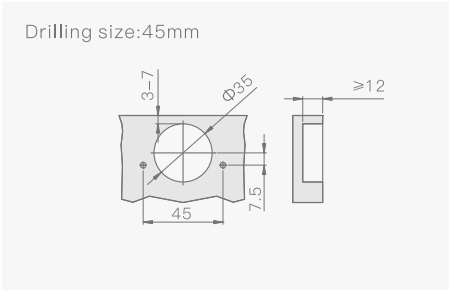
Hinge cup Distance K	0	Door panel cover D						
		10	11	12	13	14		
3		0						
4			0					
5				0				
6					0			
7						0		
Base Height H								



Hinge cup Distance K	0	Door panel cover A						
		3	2	1	0	-1		
7		0						
6			0					
5				0				
4					0			
3						0		
Base Height H								



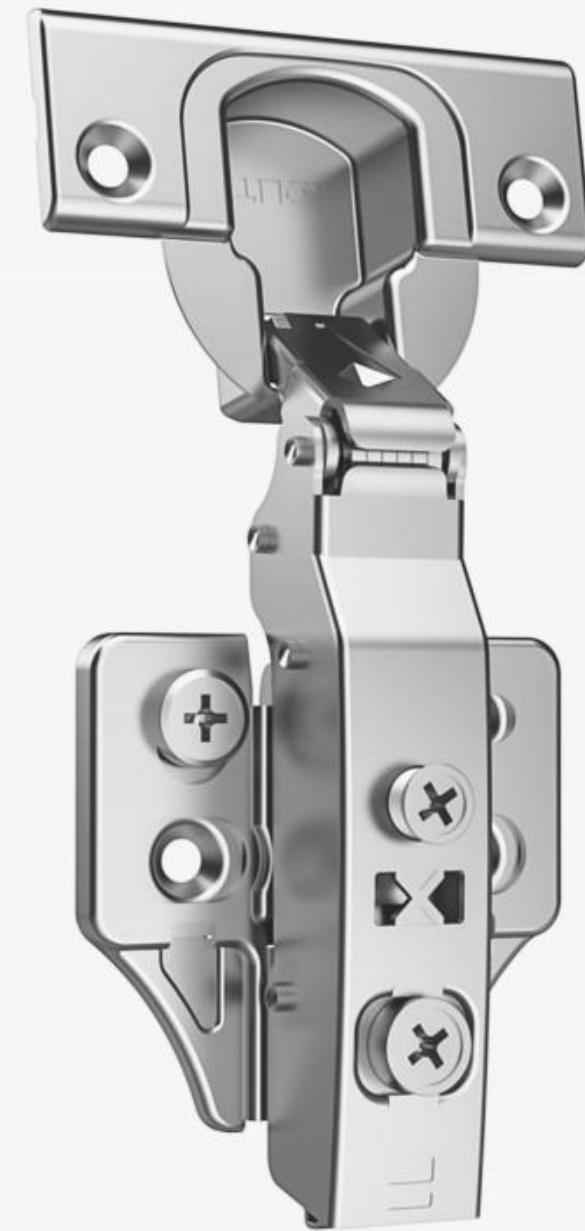
Installation of Hinge Cup





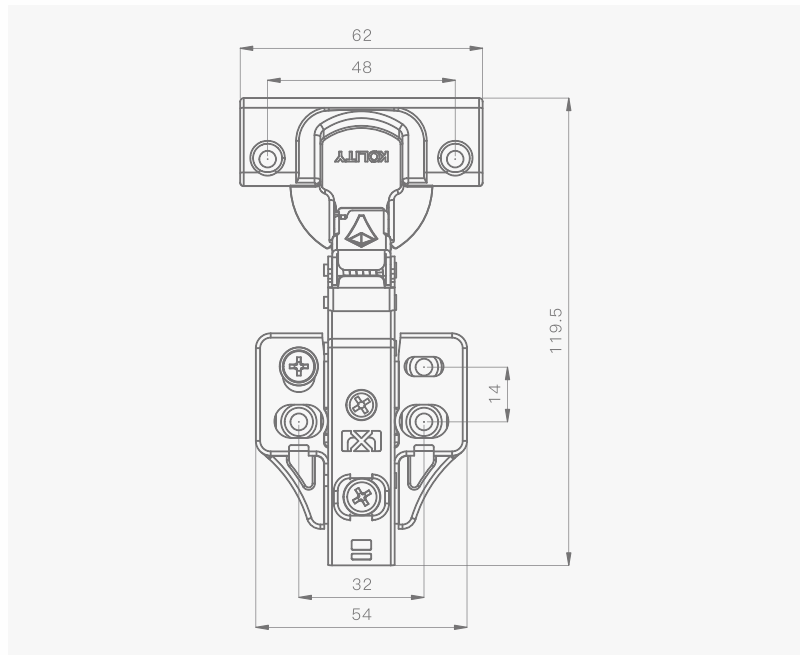
## K5-3

Gorgeous | Soft Close At Small Angle | Two-way Soft Closing



K5-3



Gorgeous | Soft Close At Small Angle | Two-way Soft Closing







Product Information

3D/Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Range of Door Thickness:15–25mm
Open Angle:103°– 105°
Soft close at: <10°
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:12mm
Cover Adjustment: 0–5mm
Depth Adjustment: 3D –2.5mm/+2.5mm Normal –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

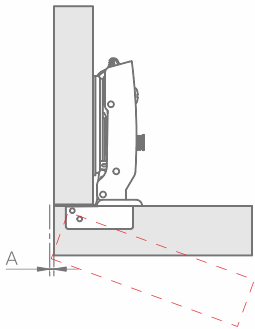
Cover

	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

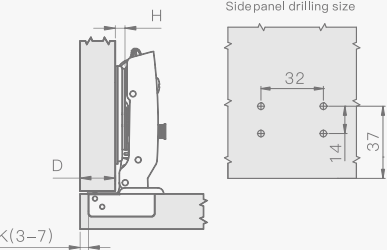
Installation of Hinge Cup



	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

Installation & Overlay Calculation

FULL OVERLAY

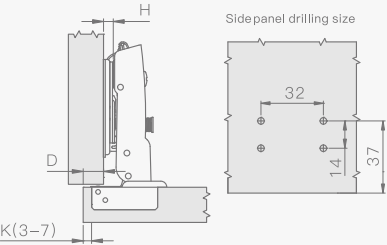


K:Hinge cup distance  
T:Door thickness

Hing cup Distance K		Door panel cover D						
		18	19	20	21	22		
3		0						
4			0					
5				0				
6					0			
7						0		
Base Height H								



HALF OVERLAY

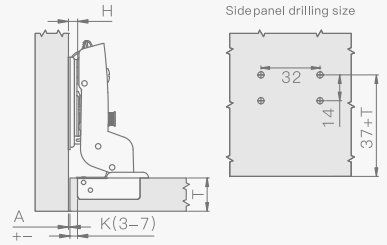


K:Hinge cup distance  
T:Door thickness

Hing cup Distance K		Door panel cover D						
		10	11	12	13	14		
3		0						
4			0					
5				0				
6					0			
7						0		
Base Height H								

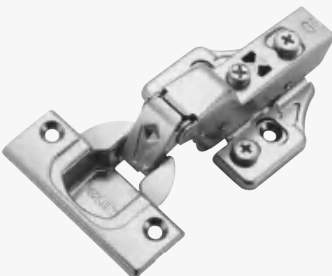


INSET



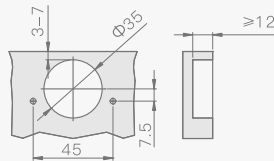
K:Hinge cup distance  
T:Door thickness

Hing cup Distance K		Door panel cover A						
		3	2	1	0	-1		
7		0						
6			0					
5				0				
4					0			
3						0		
Base Height H								

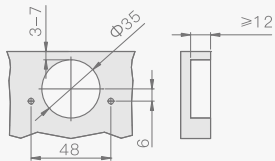


Installation of Hinge Cup

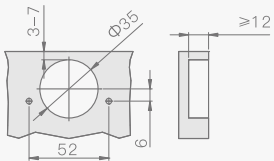
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm



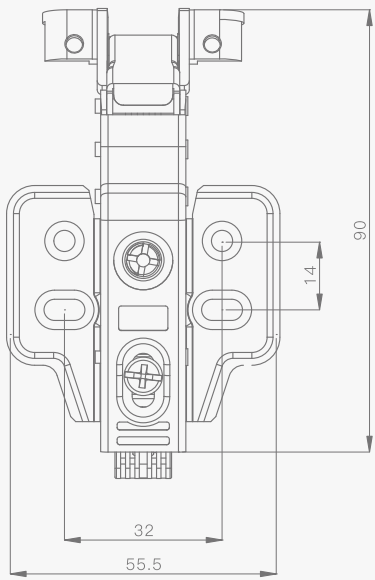




## K5-2-LKH

Hinge For 20 Aluminum Frame Door









Product Information

Clip-on/Fix-on/Two-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Aluminum Width: 19–22mm
Range of Aluminum Thickness: 20–23mm
Drilling size of Hinge Cup: 28mm
Cover Adjustment: 0–5mm
Depth Adjustment: –3mm/+3mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: Zinc-alloy
Hinge Arm Material: 1.2mm cold-rolled steel with black nickle plated
Hinge Plate Material: 1.2mm cold-rolled steel with black nickle plated

Cover		
	Name	Trademark
	arm cover	custom-made

Screw		
	Name	Size
	wood screw	M4x14/16mm
	Euro Screw	Φ6.3x12/14/16mm

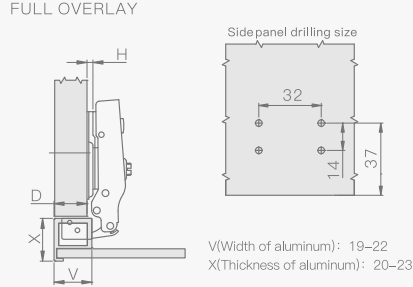
	Name	Size
	M10 dowel	Φ10x12mm
	M8 dowel	Φ8x12mm



		X=			
		20	21	22	23
V=19	A=	1.5	2.2	2.8	3.3
V=20	A=	1.5	2.1	2.7	3.2
V=21	A=	1.5	2.0	2.5	3.0
V=22	A=	1.5	1.7	2.2	2.7

Installation & Overlay Calculation


FULL OVERLAY



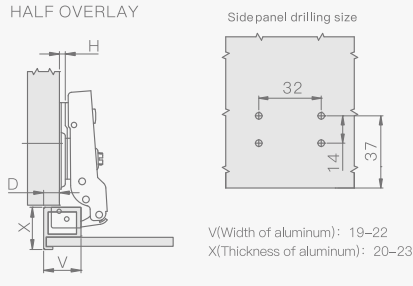
K:Hinge cup distance  
T:Door thickness

V(Width of aluminum): 19–22  
X(Thickness of aluminum): 20–23

Width of Aluminum V	0	Door panel cover D							
		14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5
	19	4				0			
	20		4				0		
	21			4				0	
	22				4				0
Base Height H									




HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

V(Width of aluminum): 19–22  
X(Thickness of aluminum): 20–23

Width of Aluminum V	0	Door panel cover D							
		6	7	8	9	10	11	12	13
	19	4				0			
	20		4				0		
	21			4				0	
	22				4				0
Base Height H									



INSET



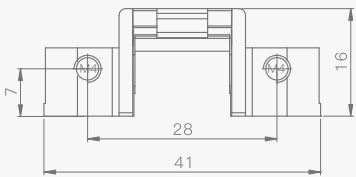
K:Hinge cup distance  
T:Door thickness

V(Width of aluminum): 19–22  
X(Thickness of aluminum): 20–23

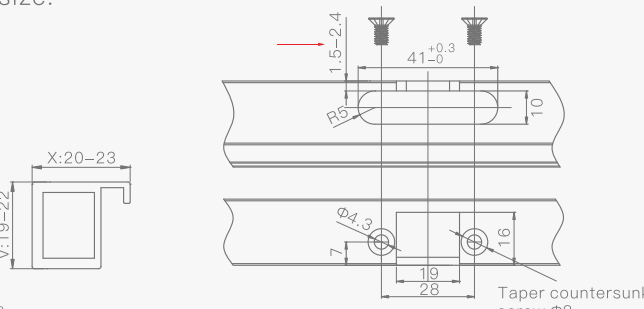



Installation of Hinge Cup

Hinge cup:





Drilling size:









Product Information

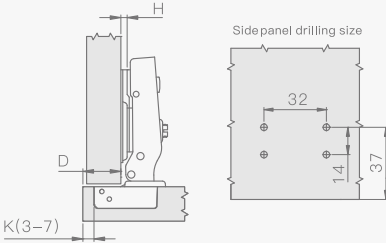
Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Door Thickness: 15–25mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup: 11.5mm
Cover Adjustment: 0–5mm
Depth Adjustment: –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm 304 stainless steel
Hinge Arm Material: 1.0mm 304 stainless steel
Hinge Plate Material: 1.0mm 304 stainless steel

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw					
	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm


Installation & Overlay Calculation

FULL OVERLAY

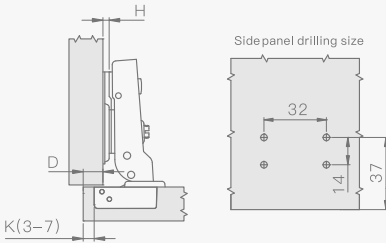


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D										
	14	15	16	17	18	19	20	21	22		
Hinge cup Distance K	3	4			0						
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
Base Height H											




HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

0	Door panel cover D										
	5	6	7	8	9	10	11	12	13		
Hinge cup Distance K	3	4			0						
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
Base Height H											



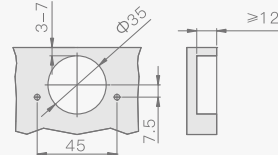
INSET



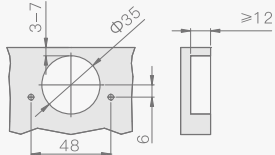
K:Hinge cup distance  
T:Door thickness

Installation of Hinge Cup

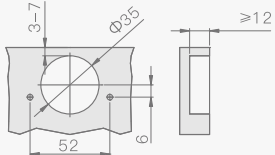
Drilling size:45mm




Drilling size:48mm



Drilling size:52mm







Product Information

Clip-on/Fix-on/Two-way/One-way

Quality Standard: Grade 3 of EN15570

Open Angle: 100°±5°

Range of Door Thickness: 15–25mm

Diameter of Hinge Cup: 35mm

Depth of Hinge Cup:11.5mm

Cover Adjustment: 0–5mm



Depth Adjustment: –3.5mm/+3.5mm





Base Adjustment: –2.5mm/+2.5mm

Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating

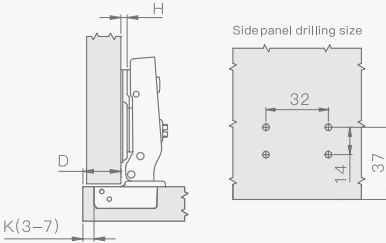
Hinge Arm Material: 1.2mm cold-rolled steel with nickle plating

Hinge Plate Material: 1.2mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no


Screw					
	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm

FULL OVERLAY

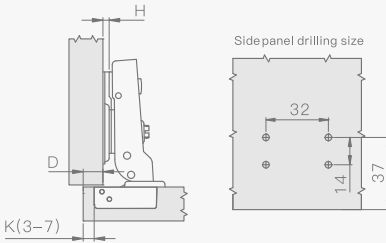


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D									
	14	15	16	17	18	19	20	21	22	
Hinge cup Distance K	3	4			0					
	4		4			0				
	5			4			0			
	6				4			0		
	7					4			0	
Base Height H										




HALF OVERLAY

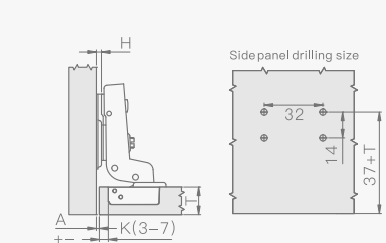


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D									
	5	6	7	8	9	10	11	12	13	
Hinge cup Distance K	3	4			0					
	4		4			0				
	5			4			0			
	6				4			0		
	7					4			0	
Base Height H										




INSET



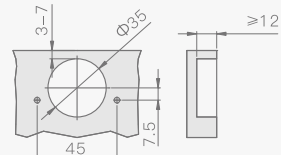
K:Hinge cup distance  
T:Door thickness

0	Door panel cover A							
	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5	
Hinge cup Distance K	7	0			4			
	6		0			4		
	5			0			4	
	4				0			
	3					0		
Base Height H								

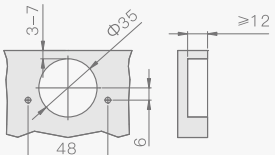


Installation of Hinge Cup

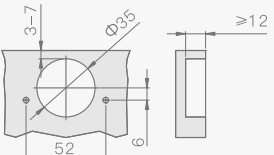
Drilling size:45mm




Drilling size:48mm





Drilling size:52mm









Product Information

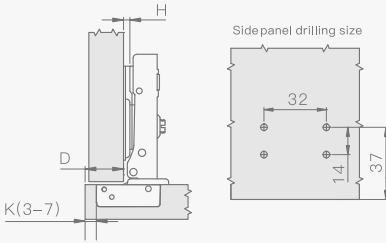
Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Door Thickness: 15–24mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm
Cover Adjustment: 0–4mm
Depth Adjustment: –3.0mm/+3.0mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.2mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.2mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw					
	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm


Installation & Overlay Calculation

FULL OVERLAY

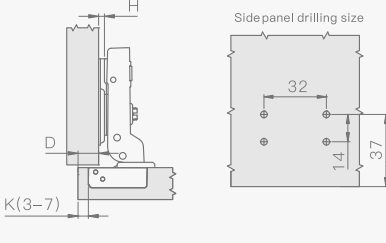


K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover D										
		13	14	15	16	17	18	19	20	21		
	3	4				0						
	4		4				0					
	5			4				0				
	6				4				0			
	7					4				0		
Base Height H												




HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover D										
		5	6	7	8	9	10	11	12	13		
	3	4				0						
	4		4				0					
	5			4				0				
	6				4				0			
	7					4				0		
Base Height H												



INSET

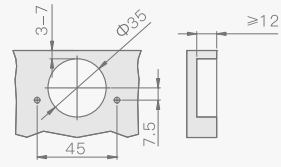


K:Hinge cup distance  
T:Door thickness

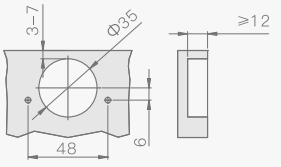


Installation of Hinge Cup

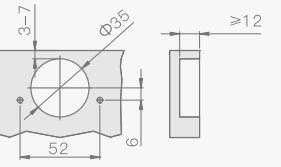
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm



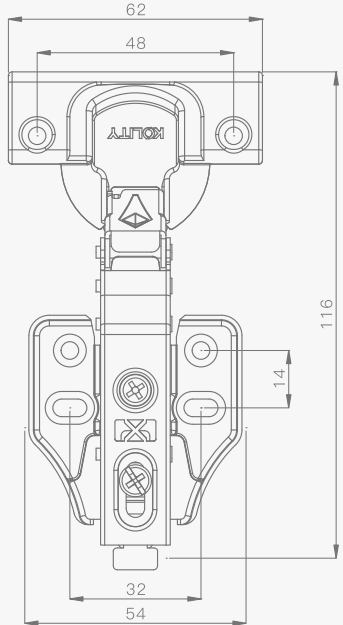


## K3-2

Gorgeous | Large Adjustment













Product Information

3D/Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle:103°- 105°
Range of Door Thickness: 15-25mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:12mm
Cover Adjustment: 0-5mm
Depth Adjustment: 3D -2.5mm/+2.5mm Normal -4.5mm/+4.5mm
Base Adjustment: -2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

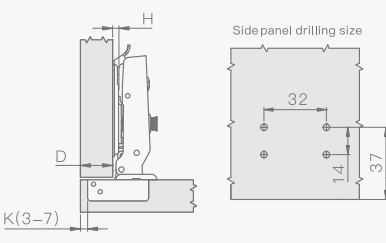
Installation of Hinge Cup



	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.2	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.2	1.5	1.7	2.2	2.7	3.2	3.7


Installation & Overlay Calculation

FULL OVERLAY

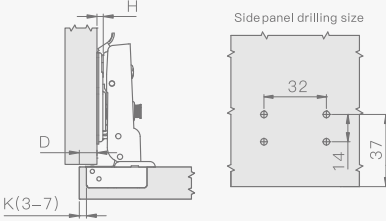


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		18	19	20	21	22	
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							




HALF OVERLAY

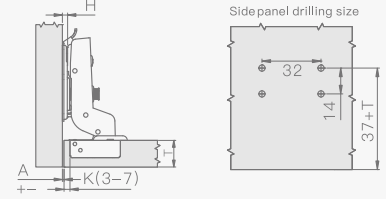


K:Hinge cup distance  
T:Door thickness

0	Door panel cover D						
		10	11	12	13	14	
Hinge cup Distance K	3		0				
	4			0			
	5				0		
	6					0	
	7						0
Base Height H							




INSET



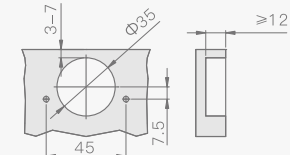
K:Hinge cup distance  
T:Door thickness

0	Door panel cover A						
		3	2	1	0	-1	
Hinge cup Distance K	7		0				
	6			0			
	5				0		
	4					0	
	3						0
Base Height H							

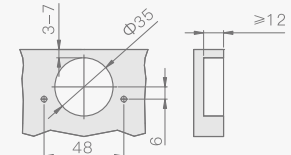


Installation of Hinge Cup

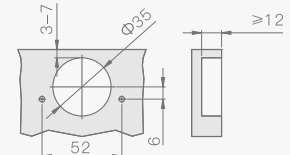
Drilling size:45mm




Drilling size:48mm





Drilling size:52mm









Product Information

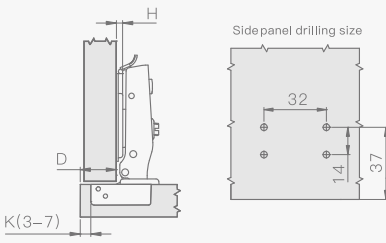
Clip-on/Fix-on/Two-way/One-way
Quality Standard: Grade 3 of EN15570
Open Angle: 100°±5°
Range of Door Thickness: 15–24mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm
Cover Adjustment: 0–5mm
Depth Adjustment: –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating
Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw					
	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm


Installation & Overlay Calculation

FULL OVERLAY

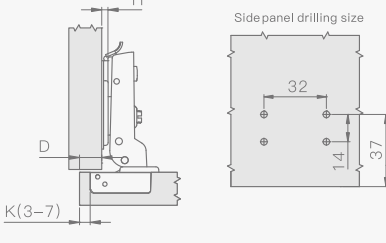


K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover D									
		13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5
	3	4		2		0		–2			
	4		4		2		0		–2		
	5			4		2		0		–2	
	6				4		2		0		–2
	7					4		2		0	
Base Height H											




HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover D									
		5	6	7	8	9	10	11	12	13	14
	3	4		2		0		–2			
	4		4		2		0		–2		
	5			4		2		0		–2	
	6				4		2		0		–2
	7					4		2		0	
Base Height H											



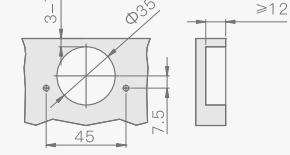
INSET



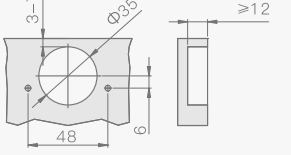
K:Hinge cup distance  
T:Door thickness

Installation of Hinge Cup

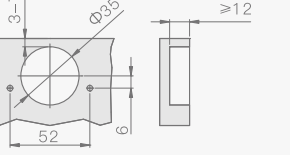
Drilling size:45mm




Drilling size:48mm






Drilling size:52mm









Product Information

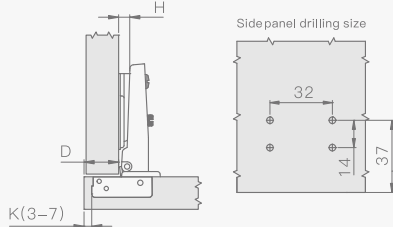
Slide-on / Two-way / One-way
Quality Standard: Grade 3 of EN15570
Open Angle:103°– 105°
Soft close at: <15°
Range of Door Thickness: 15–25mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm/9.5mm
Cover Adjustment: 0–4mm
Depth Adjustment: –3.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating
Hinge Arm Material: 0.8mm cold-rolled steel with nickle plating
Hinge Plate Material: 0.9mm cold-rolled steel with nickle plating

Cover					
	Name	Trademark		Name	Trademark
	arm cover	custom-made		arm cover	custom-made
	Name	Trademark			
	cup cover	no			

Screw					
	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm


Installation & Overlay Calculation

FULL OVERLAY

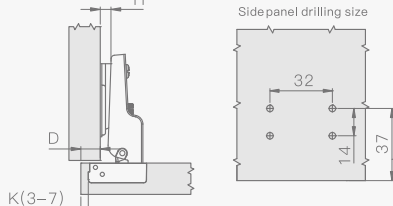


K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	Door panel cover D						
		18	19	20	21	22	
3		0					
4			0				
5				0			
6					0		
7						0	
Base Height H							




HALF OVERLAY

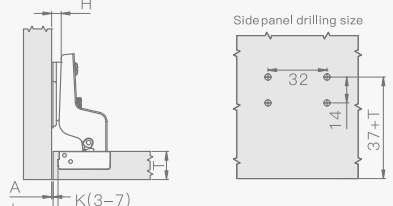


K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	Door panel cover D						
		10	11	12	13	14	
3		0					
4			0				
5				0			
6					0		
7						0	
Base Height H							




INSET



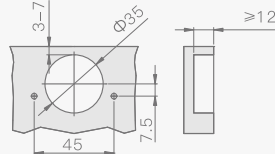
K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	Door panel cover A						
			3	2	1	0	-1
7			0				
6				0			
5					0		
4						0	
3							0
Base Height H							

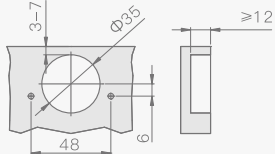


Installation of Hinge Cup

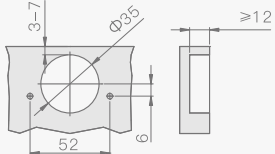
Drilling size:45mm




Drilling size:48mm



Drilling size:52mm





Product Information

Slide-on/ One-way

Quality Standard: Grade 3 of EN15570

Open Angle: 100°±5°

Range of Door Thickness: 15–24mm

Diameter of Hinge Cup: 35mm

Depth of Hinge Cup:11.5mm

Cover Adjustment: 0–4mm

Depth Adjustment: –3.0mm/+3.0mm



Base Adjustment: –2.5mm/+2.5mm

Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating





Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating

Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

Cover

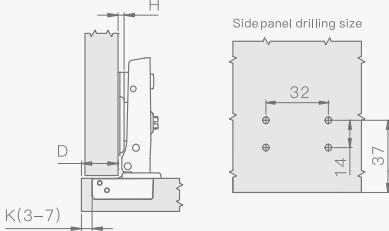
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm

Installation & Overlay Calculation

FULL OVERLAY

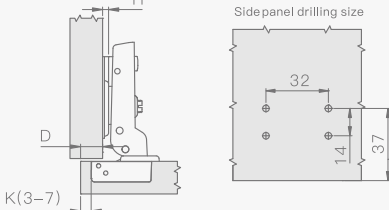


K:Hinge cup distance

T:Door thickness

0	Door panel cover D										
	13	14	15	16	17	18	19	20	21		
Hinge cup Distance K	3	4				0					
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
	Base Height H										

HALF OVERLAY

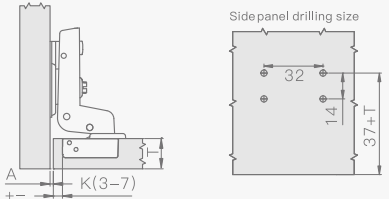


K:Hinge cup distance

T:Door thickness

0	Door panel cover D										
	5	6	7	8	9	10	11	12	13		
Hinge cup Distance K	3	4				0					
	4		4			0					
	5			4			0				
	6				4			0			
	7					4			0		
	Base Height H										




INSET



K:Hinge cup distance

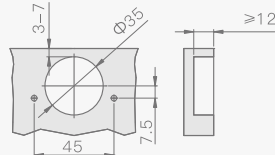
T:Door thickness

0	Door panel cover A										
	1.5	0.5	–0.5	–1.5	–2.5	–3.5	–4.5				
Hinge cup Distance K	7	0			4						
	6		0			4					
	5			0			4				
	4				0						
	3					0					
	Base Height H										

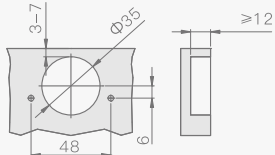




Installation of Hinge Cup

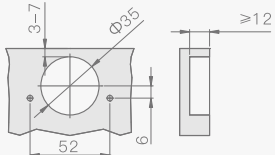
Drilling size:45mm




Drilling size:48mm



Drilling size:52mm







Product Information

Fix-on/Two-way/One-way

Quality Standard: Grade 3 of EN15570

Open Angle: 100°±5°

Range of Door Thickness: 15–24mm

Diameter of Hinge Cup: 35mm

Depth of Hinge Cup:11.5mm

Cover Adjustment: 0–5mm

Depth Adjustment: –3.5mm/+3.5mm



Base Adjustment: –2.5mm/+2.5mm

Hinge Cup Material: 0.7mm cold-rolled steel with nickle plating





Hinge Arm Material: 1.0mm cold-rolled steel with nickle plating

Hinge Plate Material: 1.0mm cold-rolled steel with nickle plating

Cover

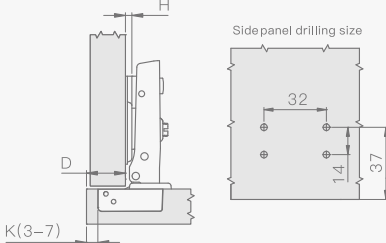
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

	Name	Size		Name	Size
	wood screw	M4×14/16mm		M10 dowel	Φ10×12mm
	Euro Screw	Φ6.3×12/14/16mm		M8 dowel	Φ8×12mm

Installation & Overlay Calculation

FULL OVERLAY

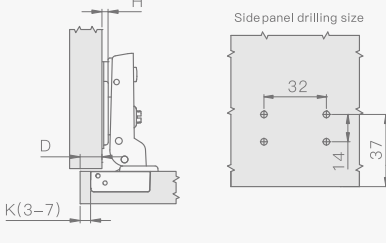


K:Hinge cup distance

T:Door thickness

0	Door panel cover D									
	13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5
Hinge cup Distance K	3	4		2		0		–2		
	4		4		2		0		–2	
	5			4		2		0		–2
	6				4		2		0	
	7					4		2		0
	Base Height H									

HALF OVERLAY

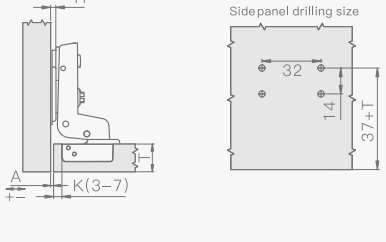


K:Hinge cup distance

T:Door thickness

0	Door panel cover D									
	5	6	7	8	9	10	11	12	13	14
Hinge cup Distance K	3	4		2		0		–2		
	4		4		2		0		–2	
	5			4		2		0		–2
	6				4		2		0	
	7					4		2		0
	Base Height H									

INSET



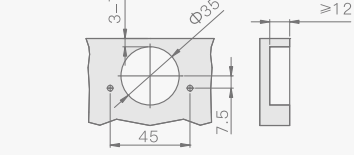
K:Hinge cup distance

T:Door thickness

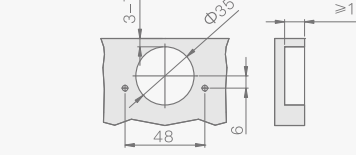
0	Door panel cover A									
	3.5	2.5	1.5	0.5	–0.5	–1.5	–2.5	–3.5	–4.5	
Hinge cup Distance K	7	–2		0		2		4		
	6		–2		0		2		4	
	5			–2		0		2		4
	4				–2		0		2	
	3					–2		0		2
	Base Height H									

Installation of Hinge Cup

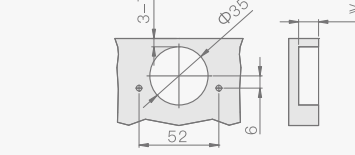
Drilling size:45mm



Drilling size:48mm







Drilling size:52mm



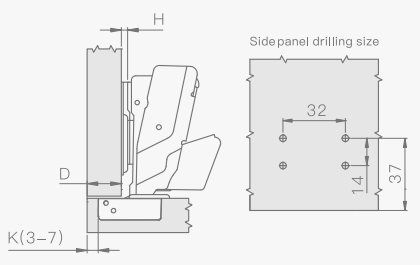


Product Information	
Clip-on/Fix-on/Two-way	
Quality Standard: Grade 3 of EN15570	
Open Angle: 165°	
Range of Door Thickness: 15–24mm	
Diameter of Hinge Cup: 35mm	
Depth of Hinge Cup:11.5mm	
Cover Adjustment: 0–4mm	
Depth Adjustment: –3.0mm/+3.0mm	
Base Adjustment: –2.5mm/+2.5mm	
Hinge Cup Material: cold-rolled steel with nickel plating	
Hinge Arm Material: cold-rolled steel with nickel plating	
Hinge Plate Material: cold-rolled steel with nickel plating	

Screw					
	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation & Overlay Calculation

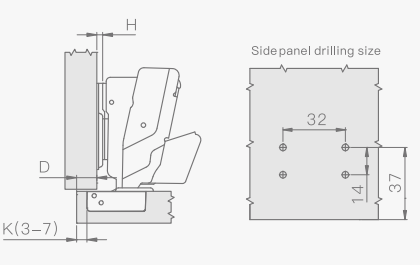
FULL OVERLAY



K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover D							
		14	15	16	17	18	19	20	21
	3			2		0			
	4		4		2		0		
	5			4		2		0	
	6				4		2		0
	7					4		2	
		Base Height H							

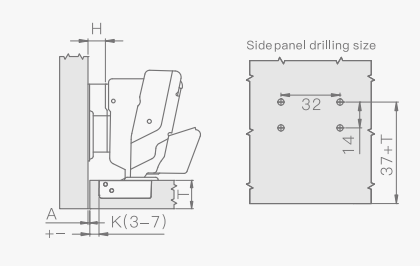
HALF OVERLAY



K:Hinge cup distance  
T:Door thickness


Hinge cup Distance K	0	Door panel cover D							
		5	6	7	8	9	10	11	
	3		2		0				
	4			2		0			
	5		4		2		0		
	6			4		2		0	
	7				4		2		0
		Base Height H							


INSET




K:Hinge cup distance  
T:Door thickness

Hinge cup Distance K	0	Door panel cover A							
		4	3	2	1	0	-1	-2	-3
	7	0		2		4			
	6		0		2		4		
	5			0		2		4	
	4				0		2		4
	3					0		2	
		Base Height H							

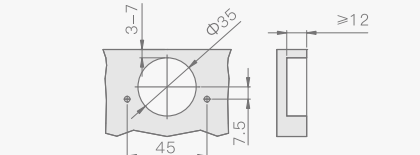




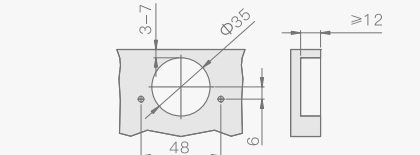


Installation of Hinge Cup

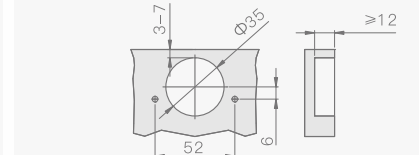
Drilling size:45mm

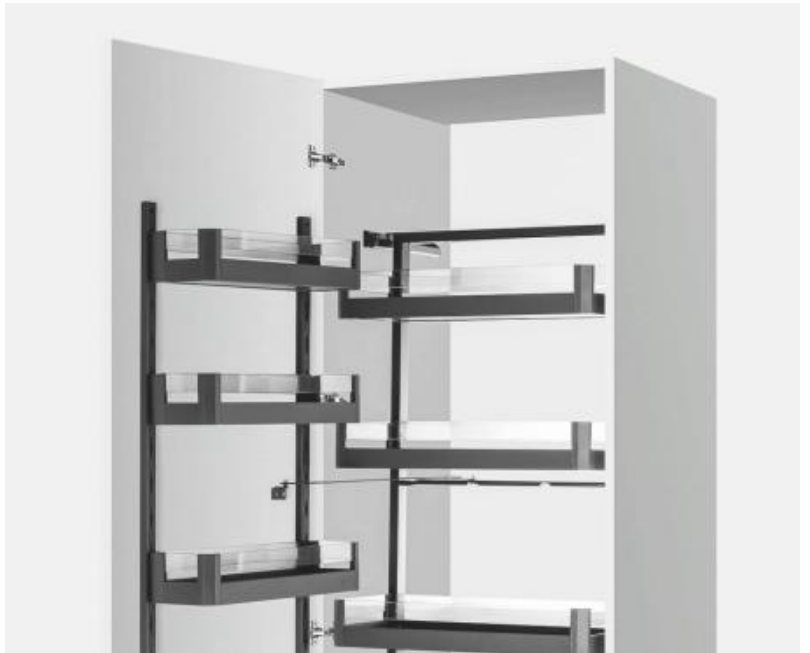


Drilling size:48mm



Drilling size:52mm





Product Information

Clip-on/Fix-on/Two-way

Quality Standard: Grade 3 of EN15570

Open Angle: 165°

Range of Door Thickness: 15–24mm

Diameter of Hinge Cup: 35mm

Depth of Hinge Cup:11.5mm

Cover Adjustment: 0–4mm

Depth Adjustment: –3.0mm/+3.0mm





Base Adjustment: –2.5mm/+2.5mm

Hinge Cup Material: cold-rolled steel with nickel plating

Hinge Arm Material: cold-rolled steel with nickel plating

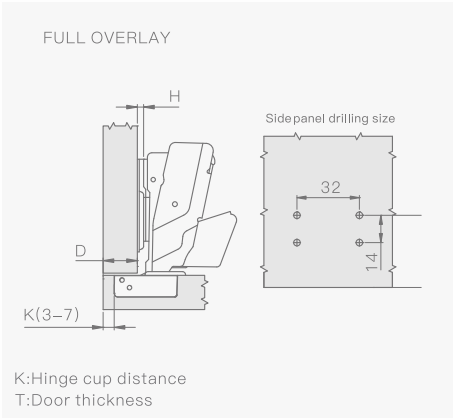
Hinge Plate Material: cold-rolled steel with nickel plating

Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation & Overlay Calculation

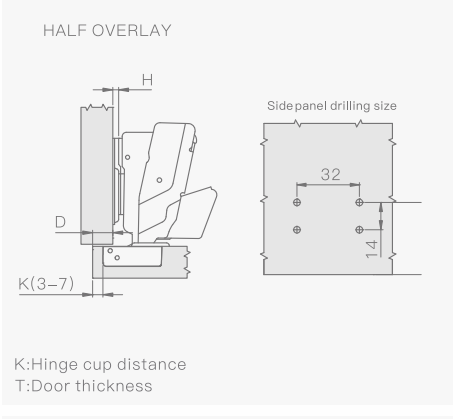
FULL OVERLAY



K:Hinge cup distance  
T:Door thickness

0	Door panel cover D							
		16	17	18	19	20		
Hinge cup Distance K	3		0					
	4			0				
	5				0			
	6					0		
	7						0	
		Base Height H						

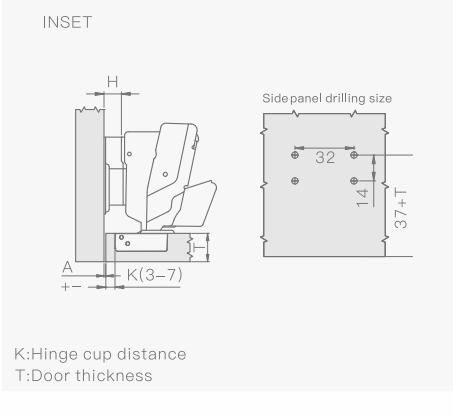
HALF OVERLAY



K:Hinge cup distance  
T:Door thickness

0	Door panel cover D							
		8	9	10	11	12		
Hinge cup Distance K	3		0					
	4			0				
	5				0			
	6					0		
	7						0	
		Base Height H						

INSET

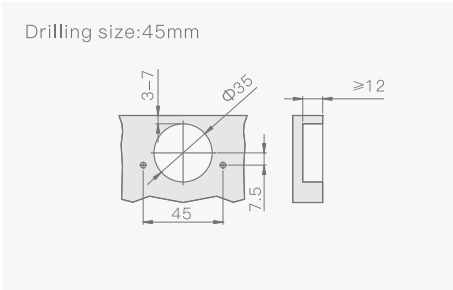


K:Hinge cup distance  
T:Door thickness

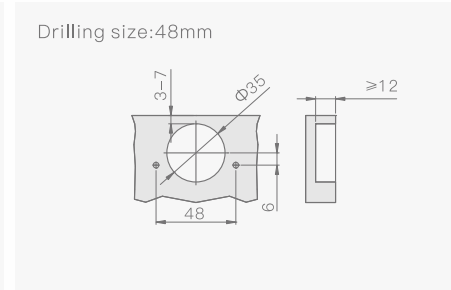
0	Door panel cover A							
	4	3	2	1	0	-1		
Hinge cup Distance K	7	0	0					
	6			0				
	5				0			
	4					0		
	3						0	
		Base Height H						

Installation of Hinge Cup

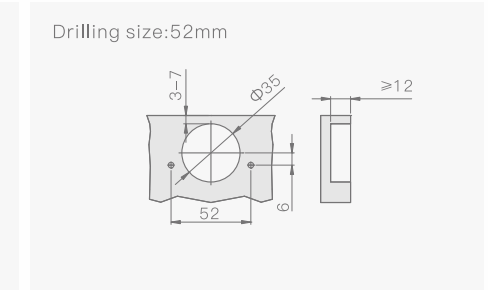
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm



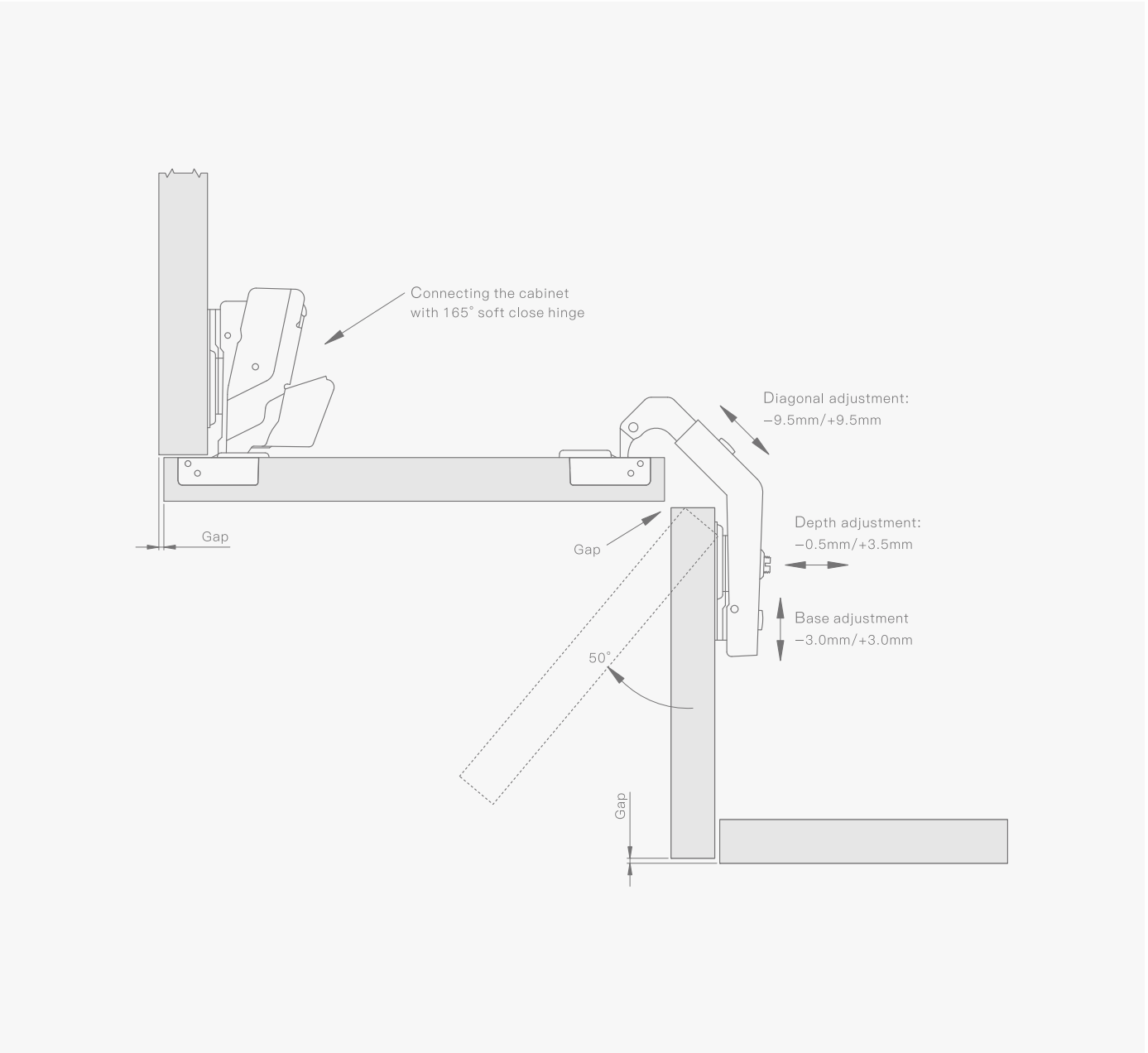
56



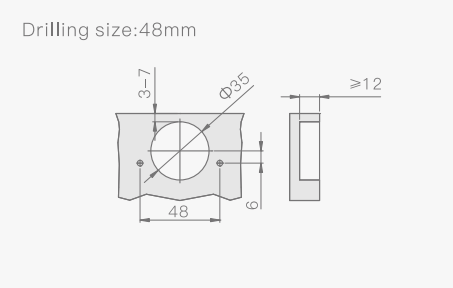
Product Information
Slide-on Hydraulic Hinge
Quality Standard: Grade 2 of EN15570
Open Angle: 100°±5°
Range of Door Thickness: 15–20mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm
Diagonal Adjustment:–9.5mm/+9.5mm
Depth Adjustment: –0.5mm/+3.5mm
Base Adjustment: –2.5mm/+2.5mm
Hinge Cup Material: cold-rolled steel with nickel plating
Hinge Arm Material: cold-rolled steel with nickel plating
Hinge Plate Material: cold-rolled steel with nickel plating

Screw					
	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation & Overlay Calculation



Installation of Hinge Cup













Product Information
Angle Hydraulic Hinge
Quality Standard: Grade 2 of EN15570
Open Angle: 90°/45°/30°
Range of Door Thickness: 15–24mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup:11.5mm
Base Adjustment: −3.0mm/+3.0mm
Depth Adjustment:−2.5mm/+2.5mm
Hinge Arm Material: cold-rolled steel with nickel plating
Hinge Plate Material: cold-rolled steel with nickel plating

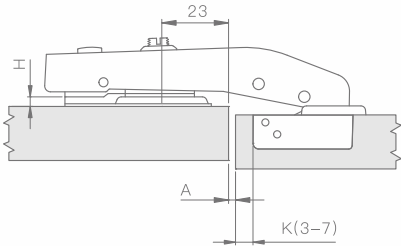
Cover

	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

Installation of Hinge Cup



	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

Installation & Overlay Calculation

90°

A technical diagram of a 90-degree hinge assembly. It shows a side view of the hinge cup and the door panel cover. Dimension H is the height of the hinge cup. Dimension D is the depth of the hinge cup. Dimension K(3-7) is the distance from the hinge cup to the door panel cover.

K:Hinge cup distance

0	Door panel cover D									
		0	2							
Hinge cup Distance K	3	2	0							
	4	2	0							
	5	2	0							
	6	2	0							
	7	2	0							
Base Height H										

A 3D rendering of a 90-degree hinge assembly, showing the hinge cup and the door panel cover in a perspective view.

45°

A technical diagram of a 45-degree hinge assembly. It shows a side view of the hinge cup and the door panel cover. Dimension H is the height of the hinge cup. Dimension D is the depth of the hinge cup. Dimension K(3-7) is the distance from the hinge cup to the door panel cover.

K:Hinge cup distance

0	Door panel cover D									
		-1.4	0	0.6	0.7	1.3	1.4	2	2.7	3.4
Hinge cup Distance K	3	2		0						
	4				2	0				
	5		2					0		
	6				2				0	
	7						2			0
Base Height H										

A 3D rendering of a 45-degree hinge assembly, showing the hinge cup and the door panel cover in a perspective view.

30°

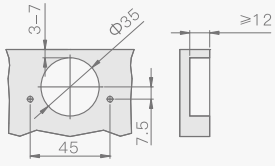
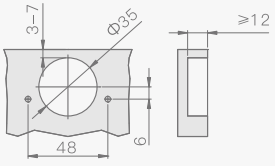
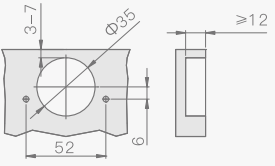
A technical diagram of a 30-degree hinge assembly. It shows a side view of the hinge cup and the door panel cover. Dimension H is the height of the hinge cup. Dimension D is the depth of the hinge cup. Dimension K(3-7) is the distance from the hinge cup to the door panel cover.

K:Hinge cup distance

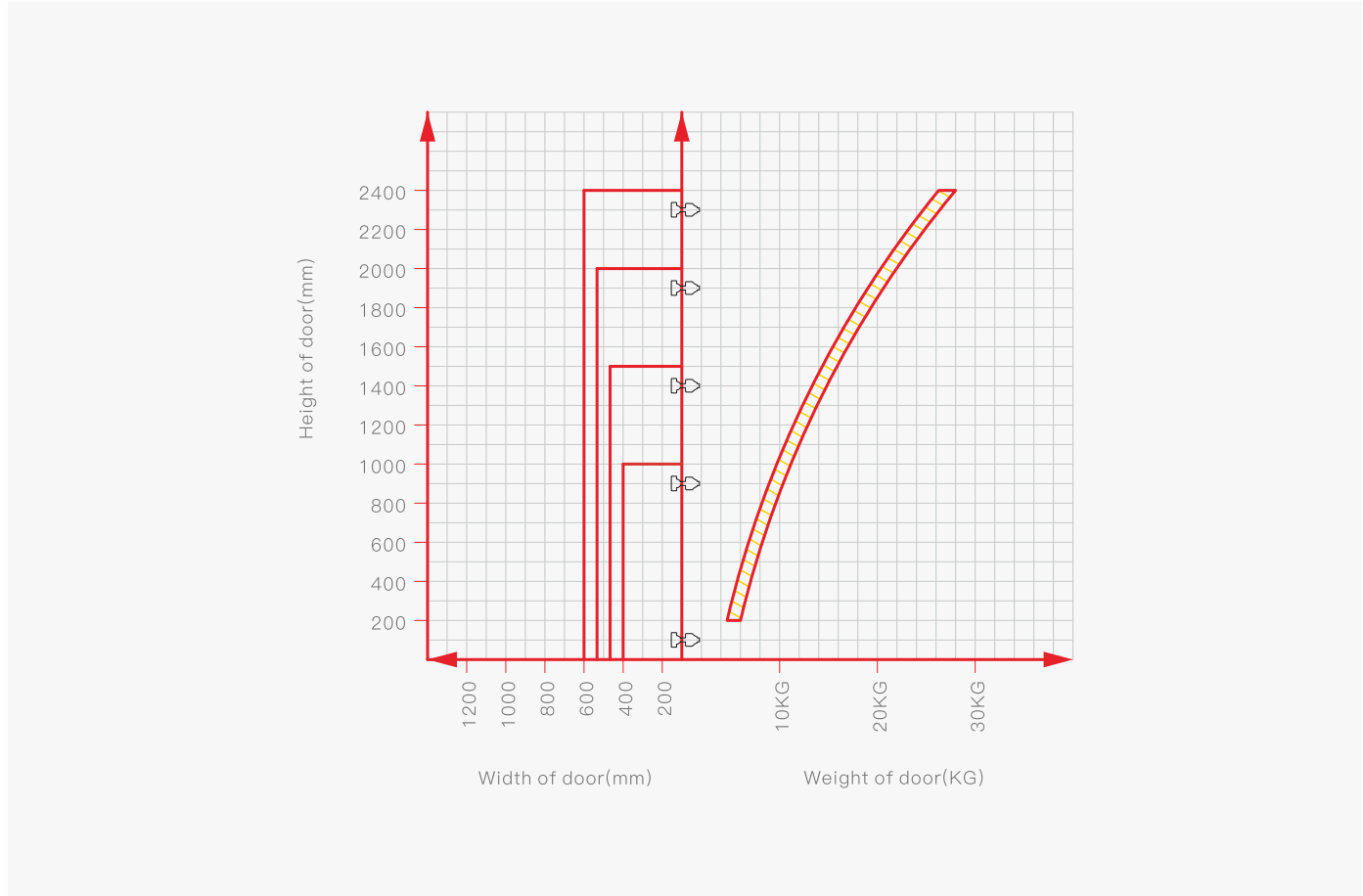
0	Door panel cover D									
		-1.7	-0.9	0	0.3	0.9	1.1	1.7	0.3	2
Hinge cup Distance K	3	2			0					
	4		2				0			
	5			2						0
	6				2					0
	7							2		
Base Height H										

A 3D rendering of a 30-degree hinge assembly, showing the hinge cup and the door panel cover in a perspective view.

Installation of Hinge Cup

Drilling size:45mm 	Drilling size:48mm 	Drilling size:52mm 
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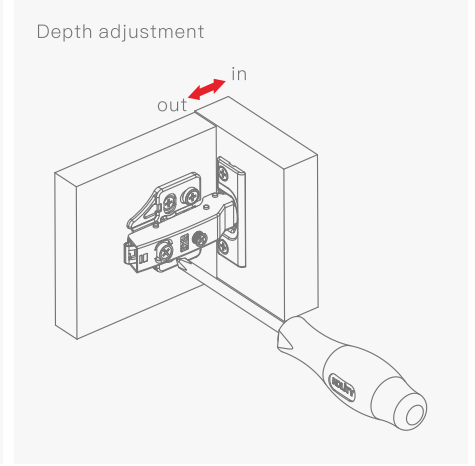
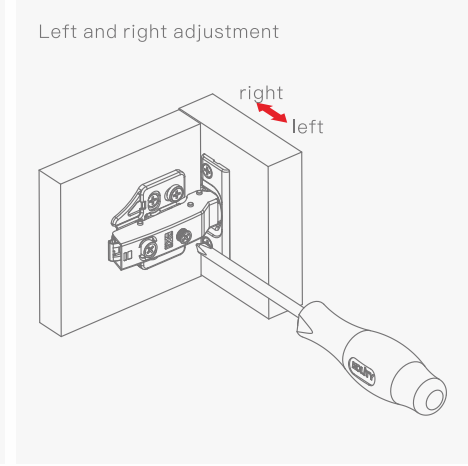
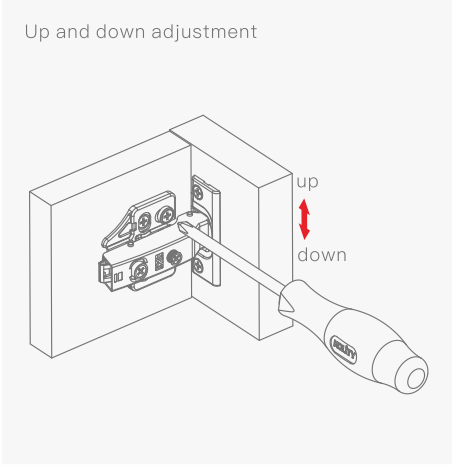
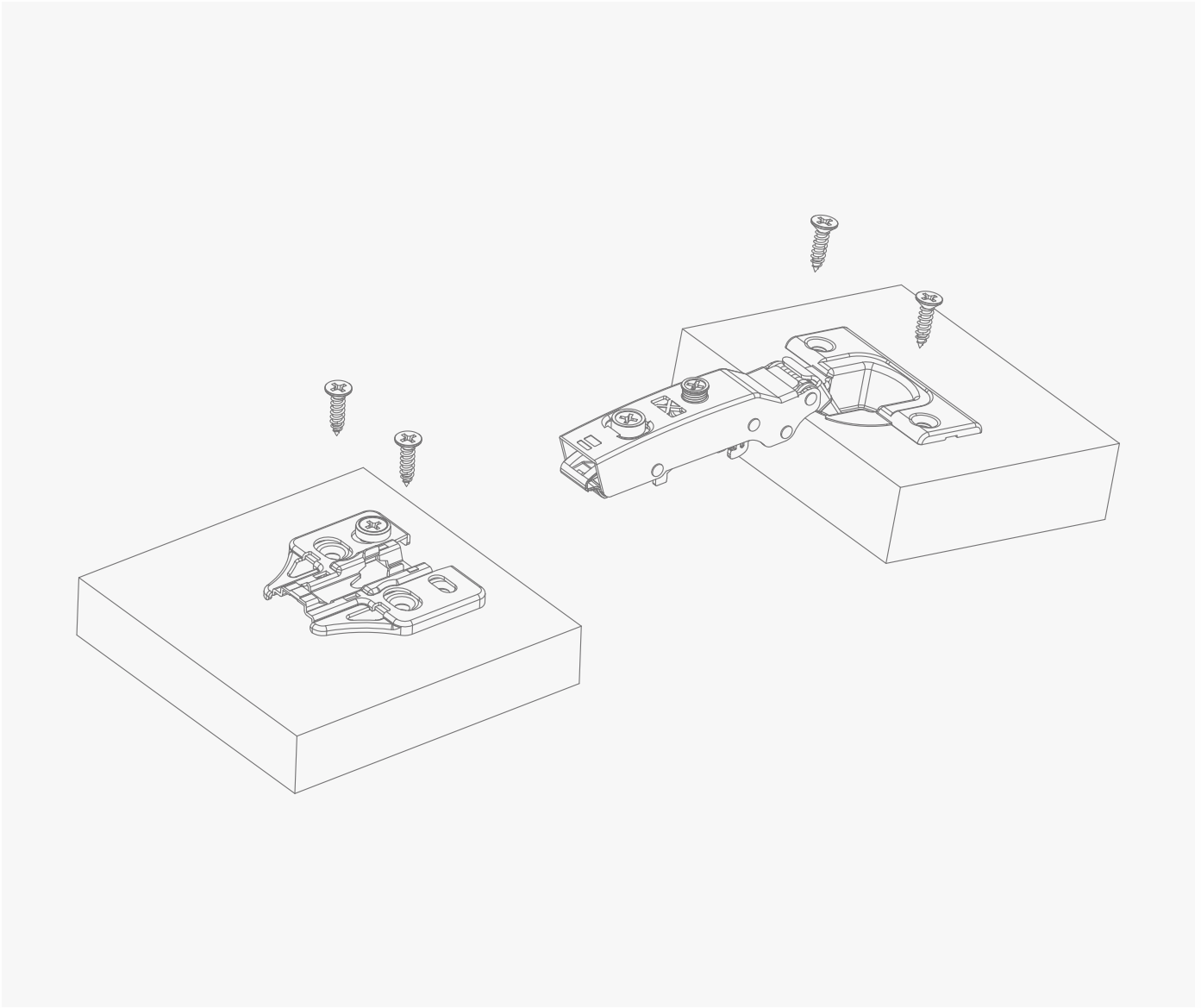
Quantity Of Hinges

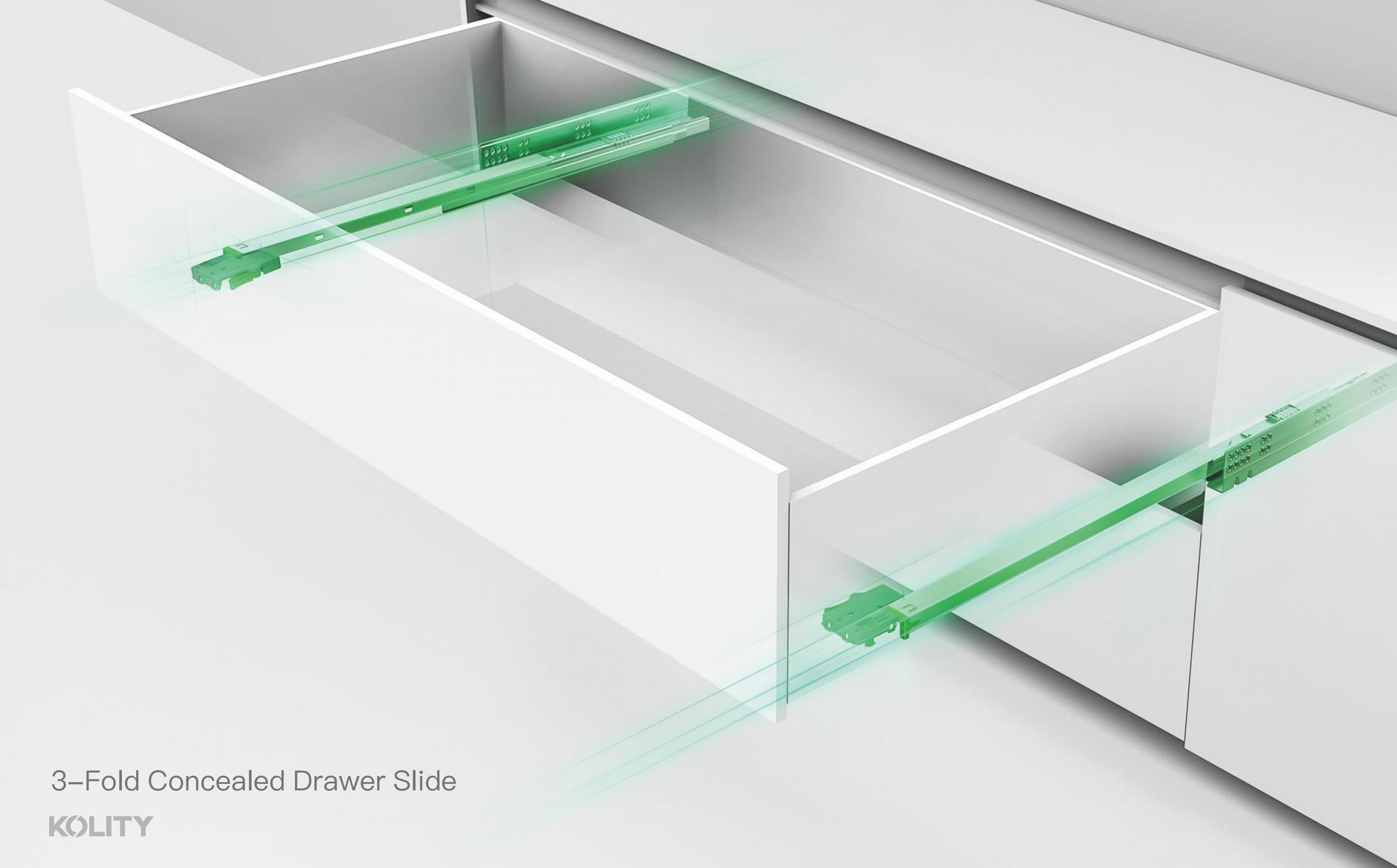


Calculation between load-bearing of hinges and weight of doors

NO.	Materials of doors	Proportion (Kg/m³)	Calculation for the weight of door			
01	Solid wood	1000Kg/m³	<div>1.Weight of door=(Height×Width×Thickness)×Proportion; Notice: unit of height/width/thickness should be changed to be meter</div> <div>2.For example:</div> <div>① Wardrobe door (Solid wood) :</div> <div>Size: 2000×500×18mm</div> <div>Weight: {2×0.5×0.018m} ×1000Kg/m³=18Kg</div> <div>② Cabinet door (Solid wood) :</div> <div>Size: 600×500×18mm</div> <div>Weight: {0.6×0.5×0.018m} ×1000Kg/m³=5.4Kg</div> <div>③ Glass door(5mm):</div> <div>Size: 600×500×5mm</div> <div>Weight: (0.6×0.5)×12.5Kg/m² =2.8Kg</div>			
02	HDF	840Kg/m³				
03	Multi-ply solid wood	840Kg/m³				
04	MDF	730Kg/m³				
05	Chipboard	650Kg/m³				
06	Particle board	650Kg/m³				
07	Aluminum	1000Kg/m³				
08	Glass	Thickness 5mm	Thickness 6mm	Thickness 8mm	Thickness 10mm	
		12.5Kg/m²	15Kg/m²	20Kg/m²	25Kg/m²	

Installation And Adjustment For Hinges





3-Fold Concealed Drawer Slide

KOLITY

### 3-Fold Concealed Drawer Slide

16mm With Clip-on Handle



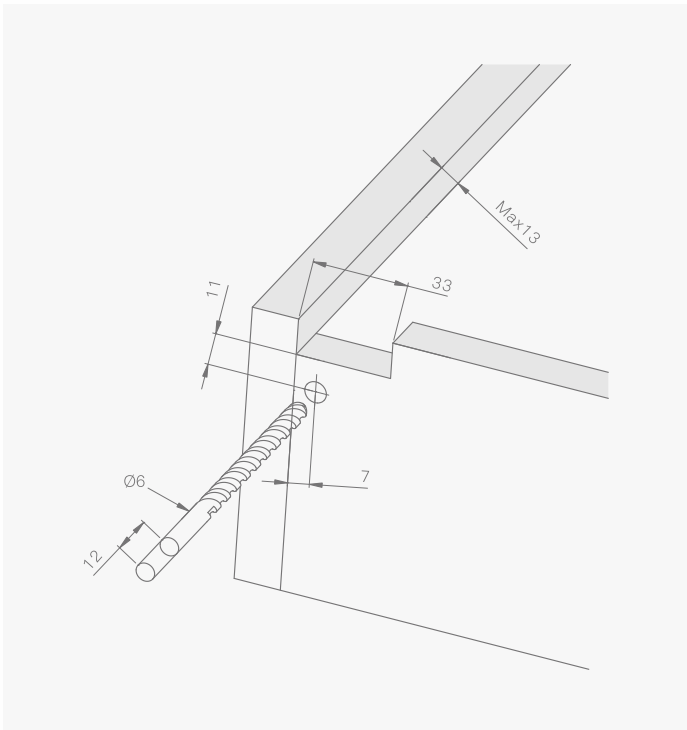
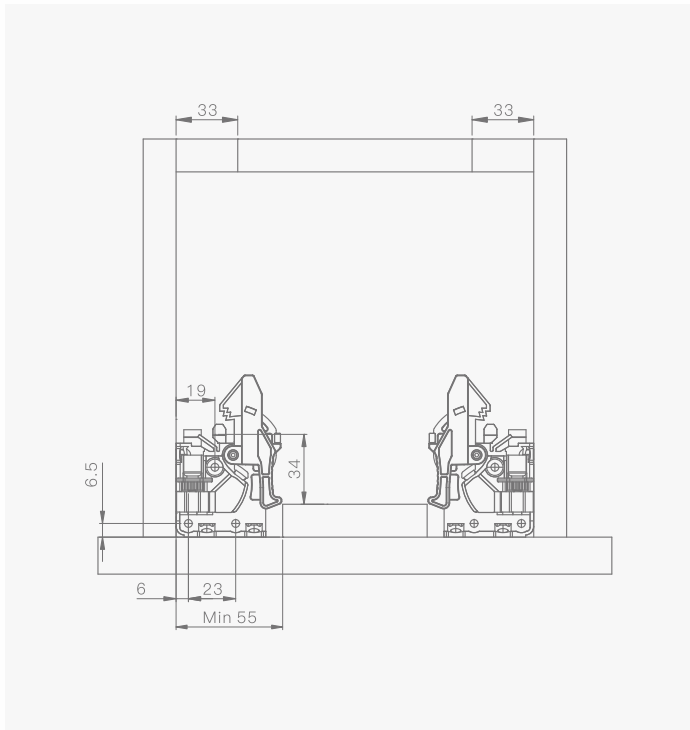
#### Product Information

16mm 3-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤16mm
Up-Down Adjustment:0-3mm

#### Fitting

	Name	Trademark
	clip on handle (left-right)	custom-made

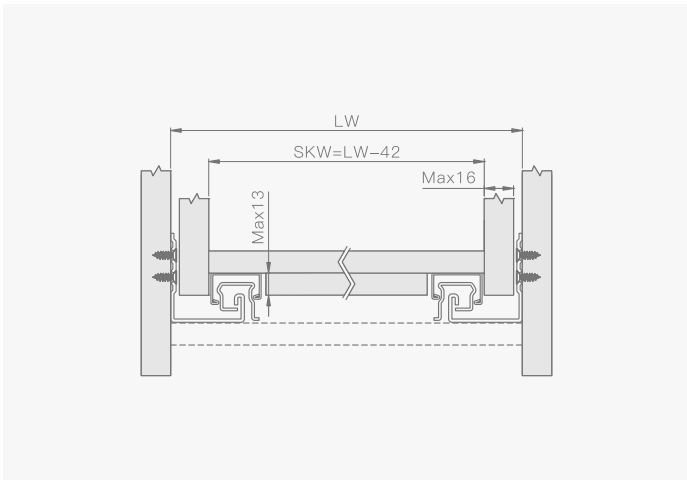
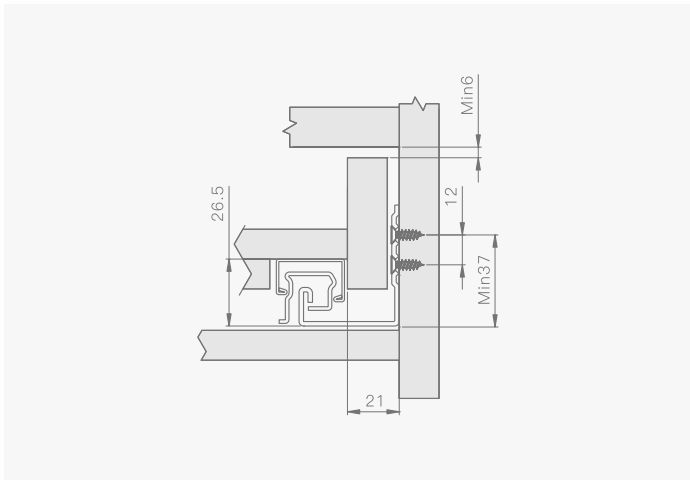
#### Installation Dimension For The Handle



### 3 -Fold Concealed Drawer Slide

16mm With Clip-on Handle

#### Installation Dimension Of Slide (mm)



Min 2mm at the bottom
-----------------------

SKW	Net width of the drawer
LW	Net width of the cabinet

#### Installation Dimension For The Drawer(mm)

Front	NL:Nominal Length
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm
	Hole size of built-in drawer
	Front 18+Thickness of drawer panel The 2" hole

#### Installation Dimension For The Drawer(mm)

	SKL=NL-10
	SKL=NL-10
	ISKL=SKL+X
SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide
ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet



### 3-Fold Concealed Drawer Slide

19mm With Clip-on Handle



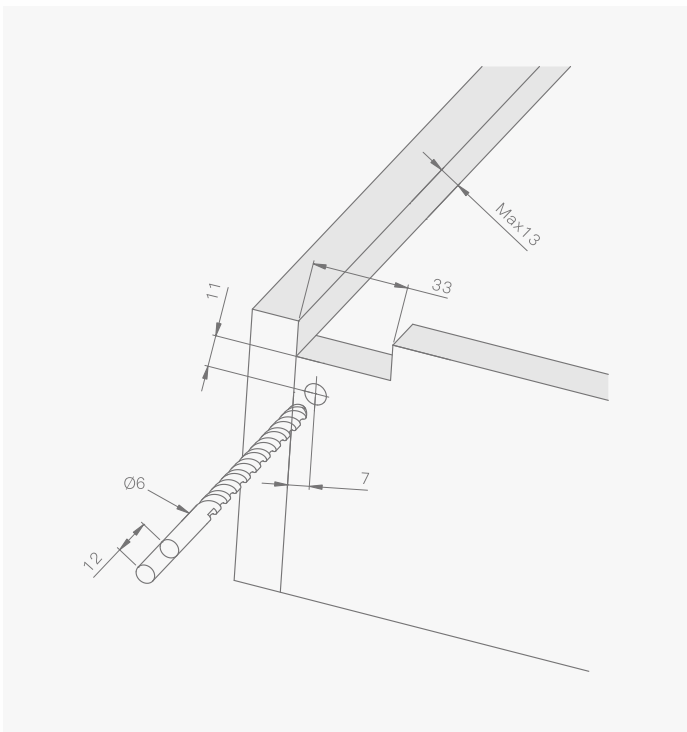
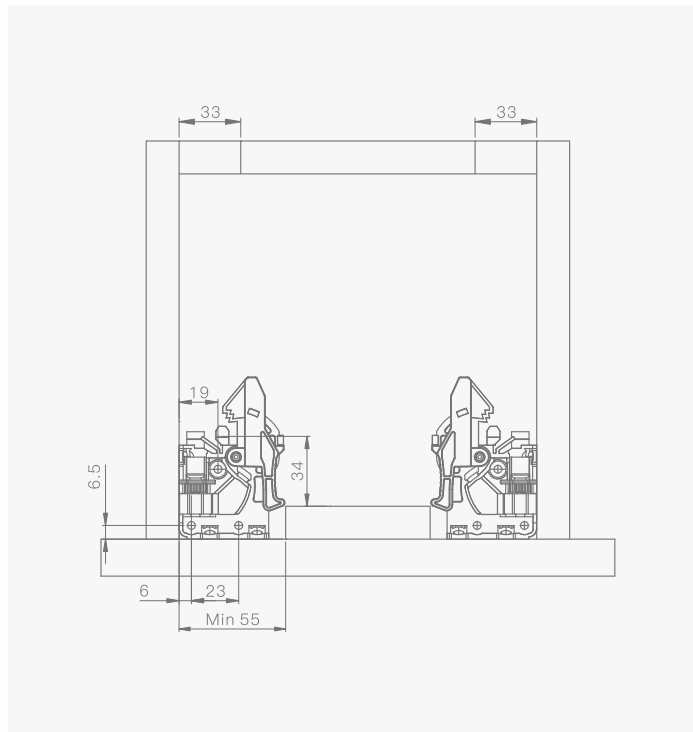
#### Product Information

19mm 3-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤16mm
Up-Down Adjustment:0-3mm

#### Fitting

	Name	Trademark
	clip on handle (left-right)	custom-made

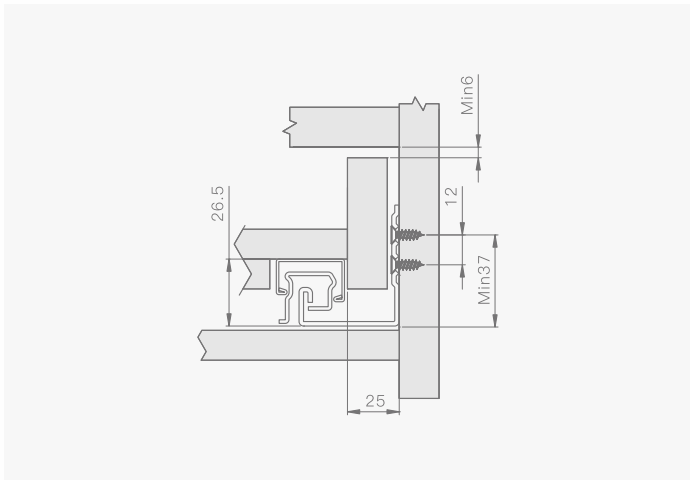
#### Installation Dimension For The Handle



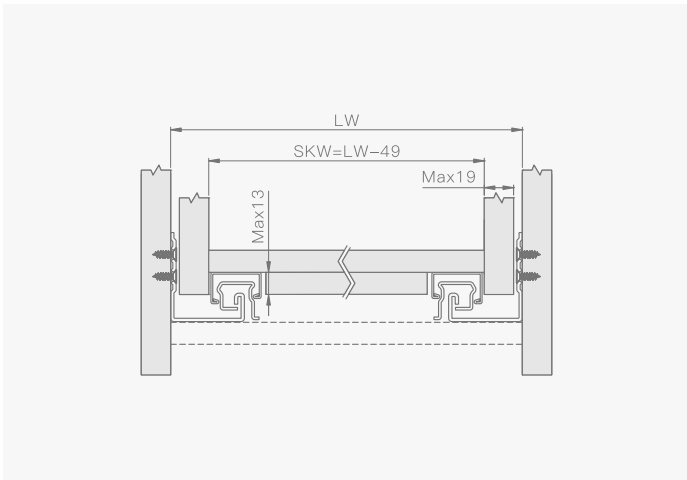
### 3-Fold Concealed Drawer Slide

19mm With Clip-on Handle

#### Installation Dimension Of Slide (mm)



Min 2mm at the bottom
-----------------------

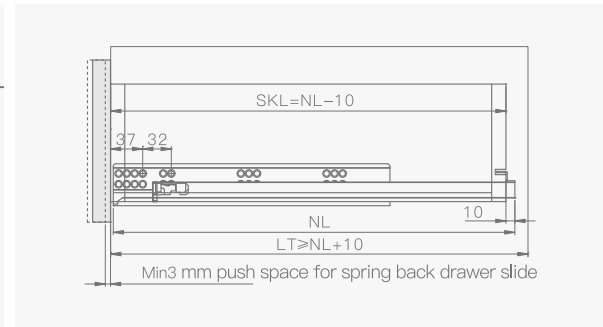


SKW	Net width of the drawer
LW	Net width of the cabinet

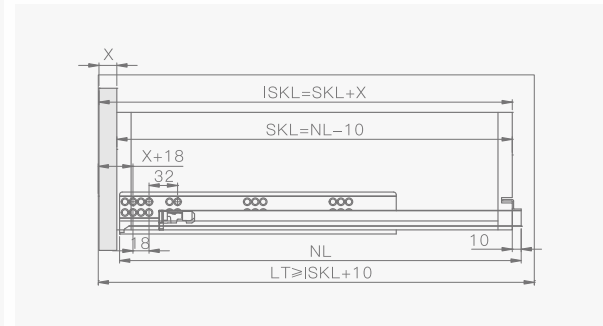
#### Installation Dimension For The Drawer(mm)

Front	NL:Nominal Length
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm

#### Installation Dimension For The Drawer(mm)



SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide



ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

### 3-Fold Concealed Drawer Slide

16mm With Adjustable Nail

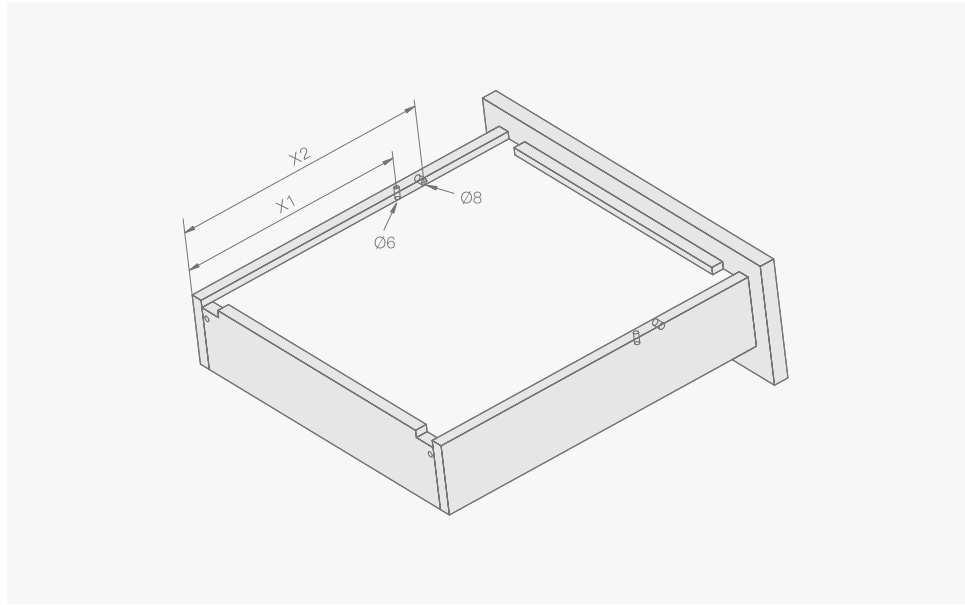
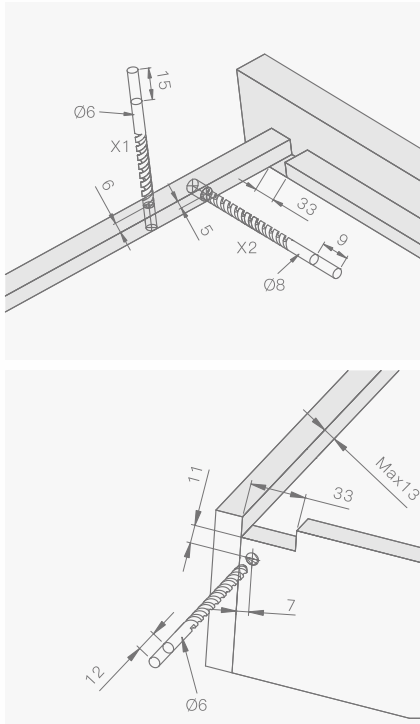


Product Information
16mm 3-Fold concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤16mm
Up-Down Adjustment:0-3mm

#### Fitting

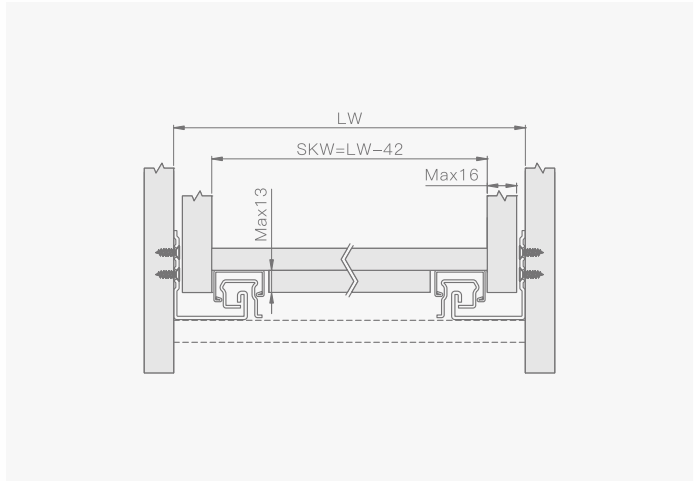
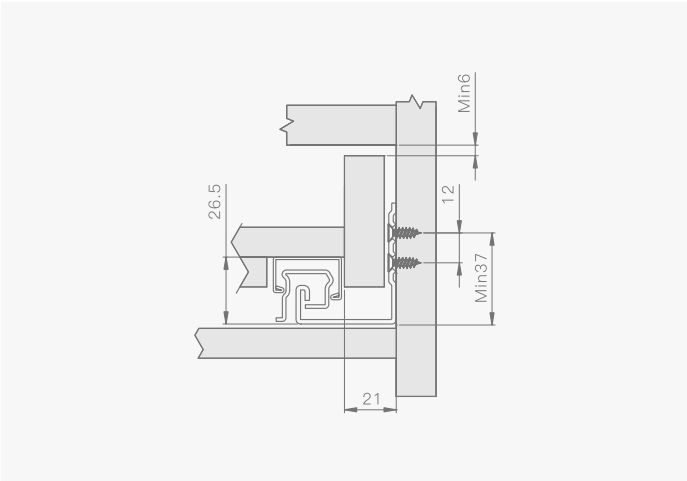
	Name	Trademark
	adjustable nail	custom-made

#### Installation Dimension For The Adjustable Nail



NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	190	245	270	305	330	355	390	415
X2(mm)	200.5	255.5	280.5	319.5	269.5	419.5	469.5	519.5

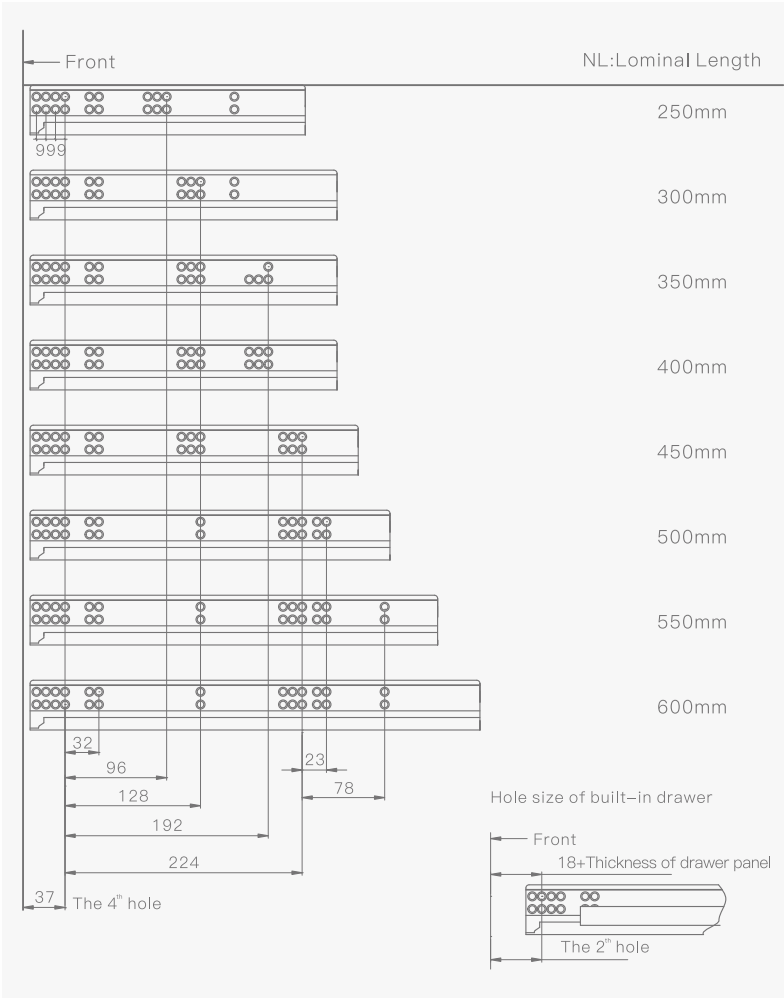
#### Installation Dimension Of Slide (mm)



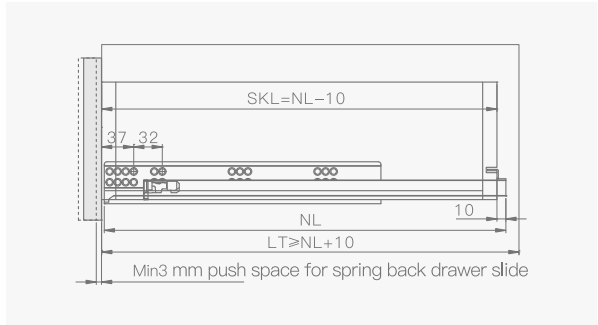
Min 2mm at the bottom
-----------------------

SKW	Net width of the drawer
LW	Net width of the cabinet

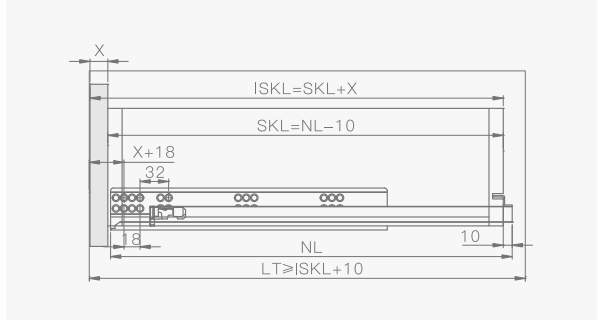
#### Installation Dimension For The Drawer(mm)



#### Installation Dimension For The Drawer(mm)



SKL	Length of drawer
NL	Lominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide



ISKL	Length of internal drawer
SKL	Length of drawer
NL	Lominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

3-Fold Concealed Drawer Slide

19mm With Adjustable Nail



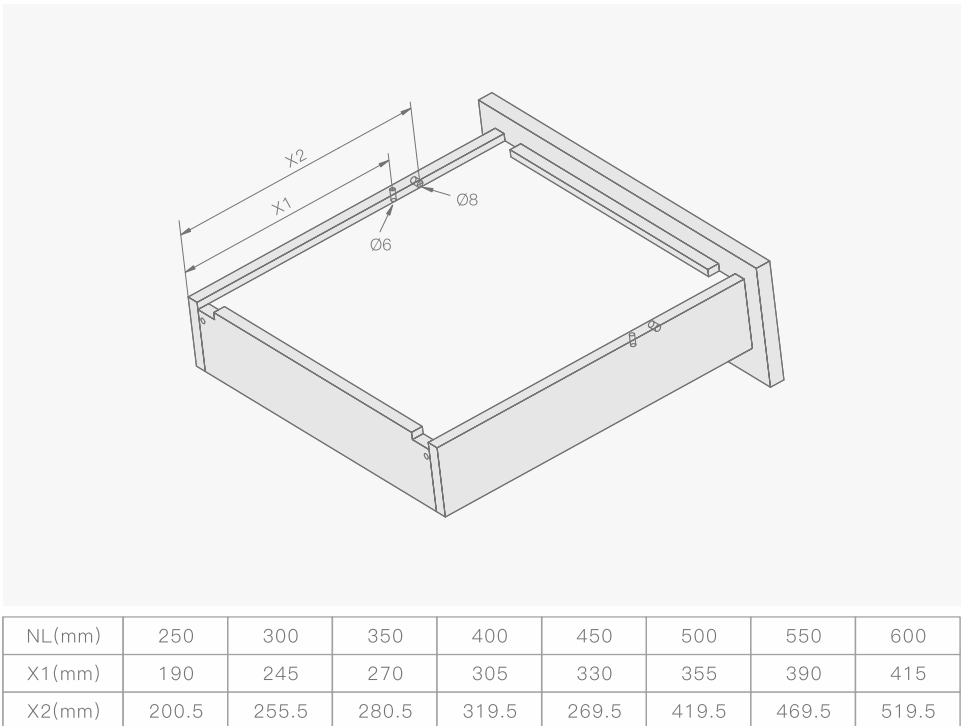
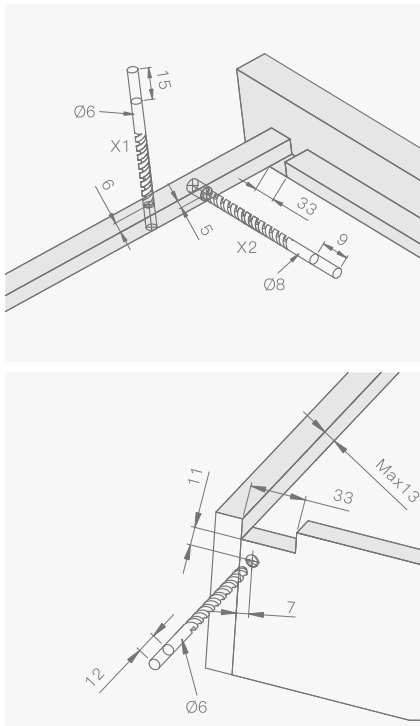
Product Information

19mm 3-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤19mm
Up-Down Adjustment:0-3mm

Fitting

	Name	Trademark
	adjustable nail	custom-made

Installation Dimension For The Adjustable Nail

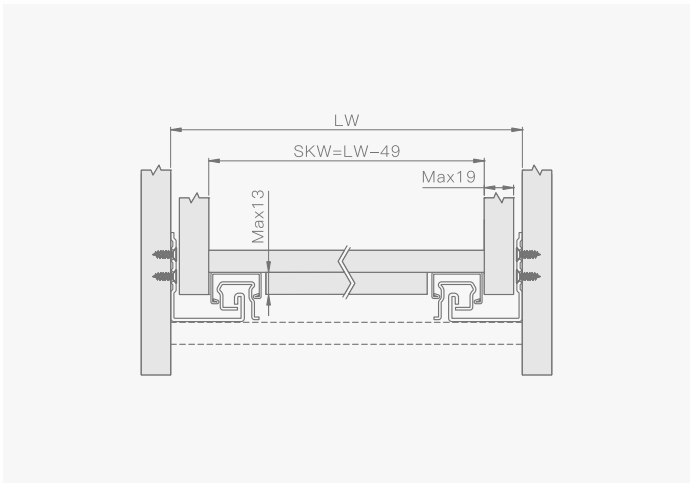
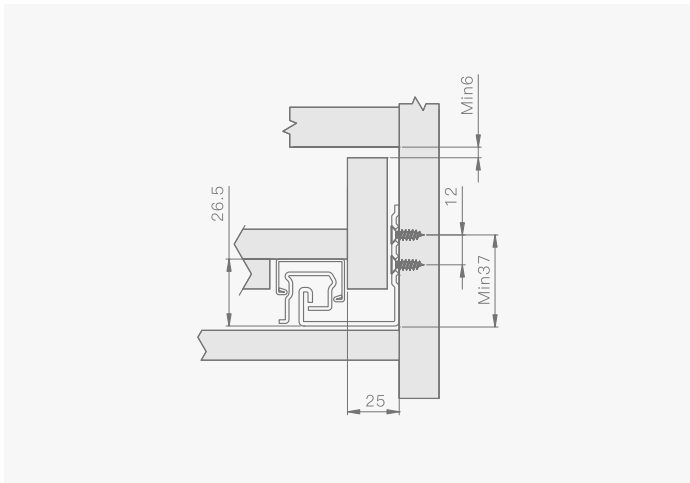


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	190	245	270	305	330	355	390	415
X2(mm)	200.5	255.5	280.5	319.5	269.5	419.5	469.5	519.5

3-Fold Concealed Drawer Slide

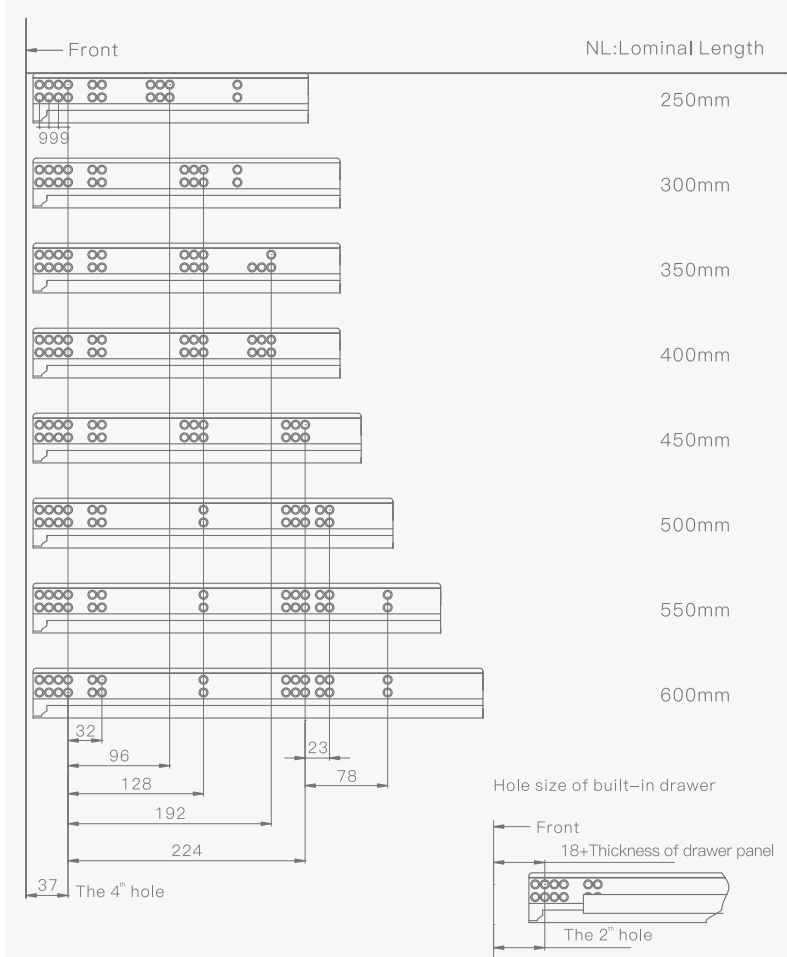
19mm With Adjustable Nail

Installation Dimension Of Slide (mm)

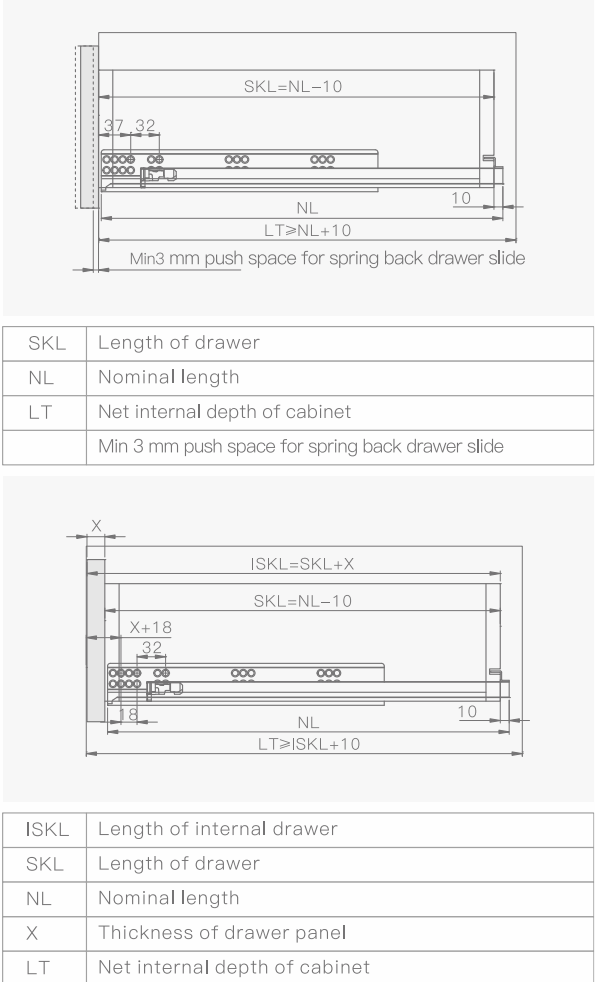


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

Installation Dimension For The Drawer(mm)



Installation Dimension For The Drawer(mm)



## 2-Fold Concealed Drawer Slide

16mm With Clip-on Handle



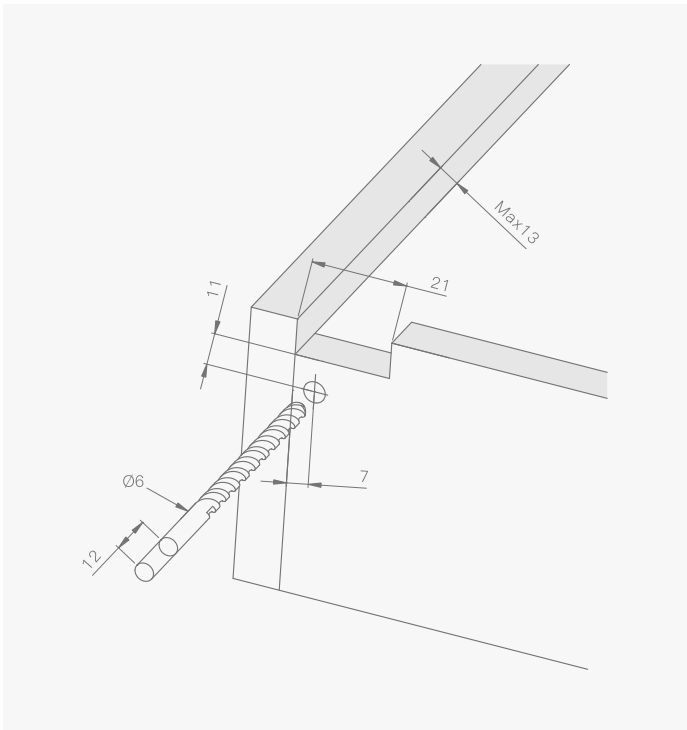
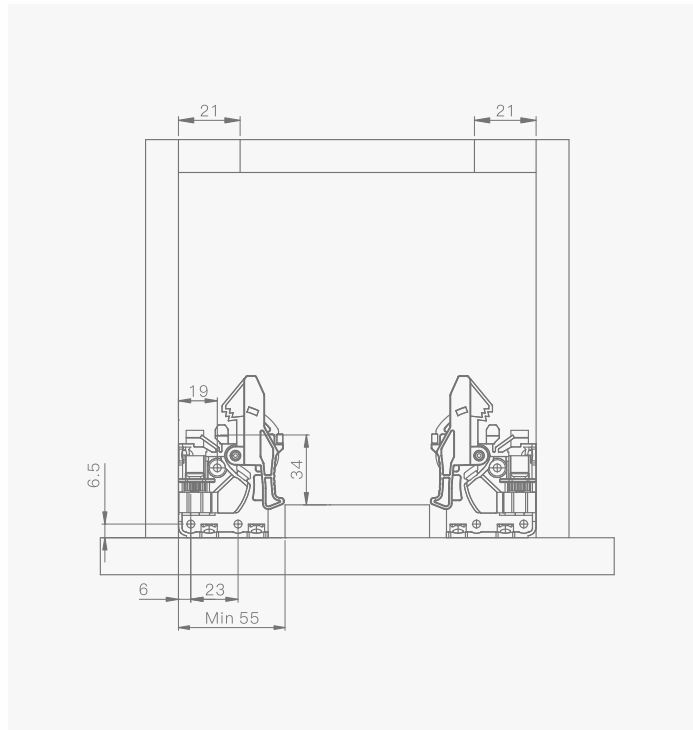
### Product Information

16mm 2-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤16mm
Up-Down Adjustment:0-3mm

### Fitting

	Name	Trademark
	clip on handle (left-right)	custom-made

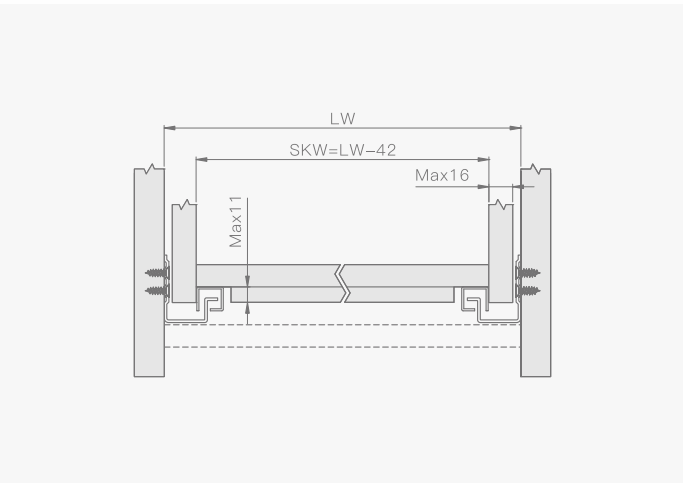
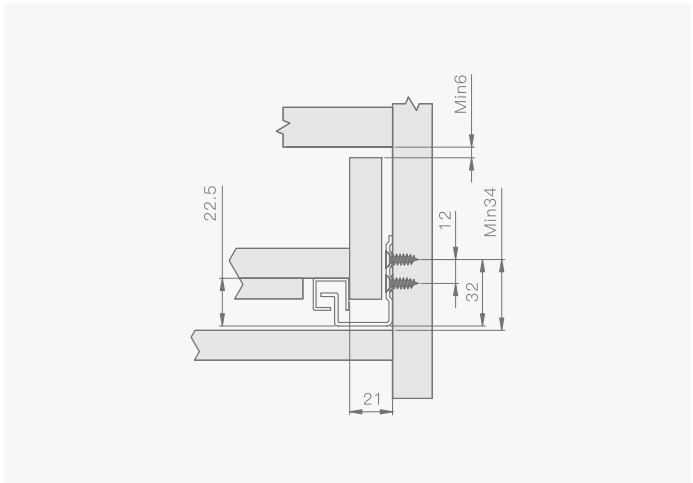
### Installation Dimension For The Handle



## 2-Fold Concealed Drawer Slide

16mm With Clip-on Handle

### Installation Dimension Of Slide (mm)



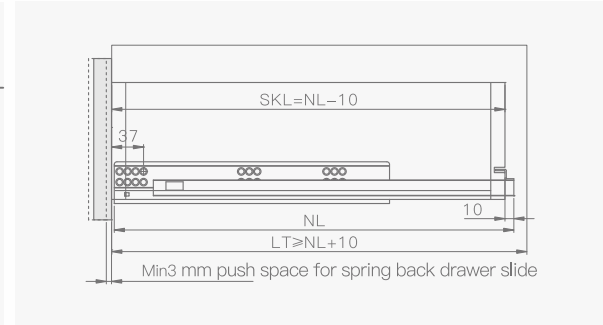
Min 2mm at the bottom
-----------------------

SKW	Net width of the drawer
LW	Net width of the cabinet

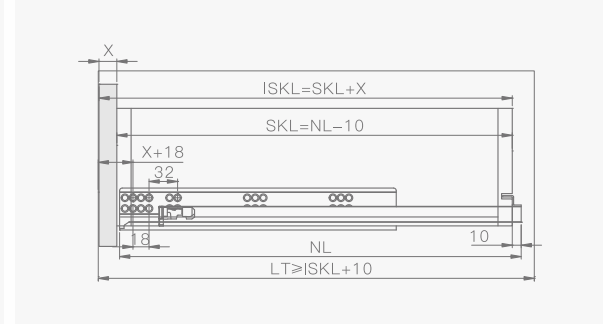
### Installation Dimension For The Drawer(mm)

Front	NL:Nominal Length
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm
128, 192, 224, 37, 23, 78	
The 4" hole	
Hole size of built-in drawer	
Front	
18+Thickness of drawer panel	
The 2" hole	

### Installation Dimension For The Drawer(mm)



SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide



ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet



## 2-Fold Concealed Drawer Slide

19mm With Clip-on Handle



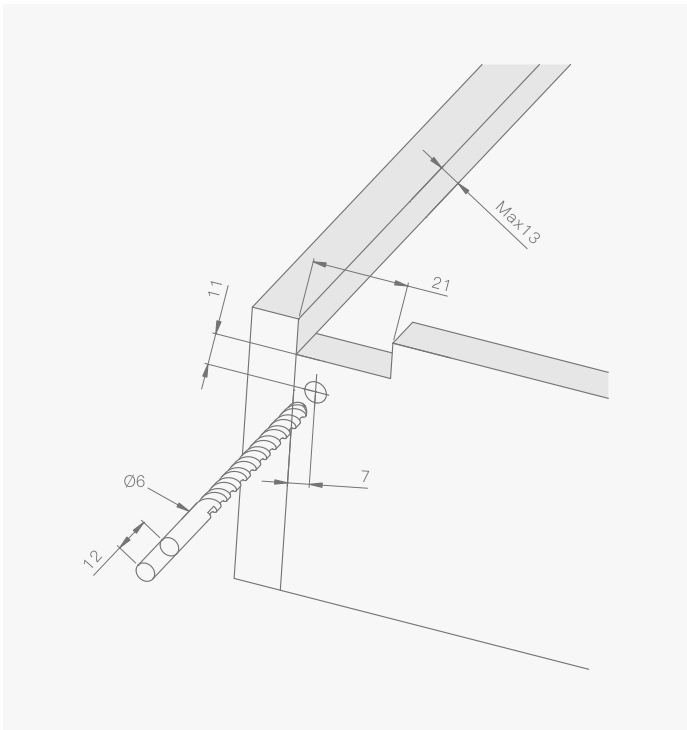
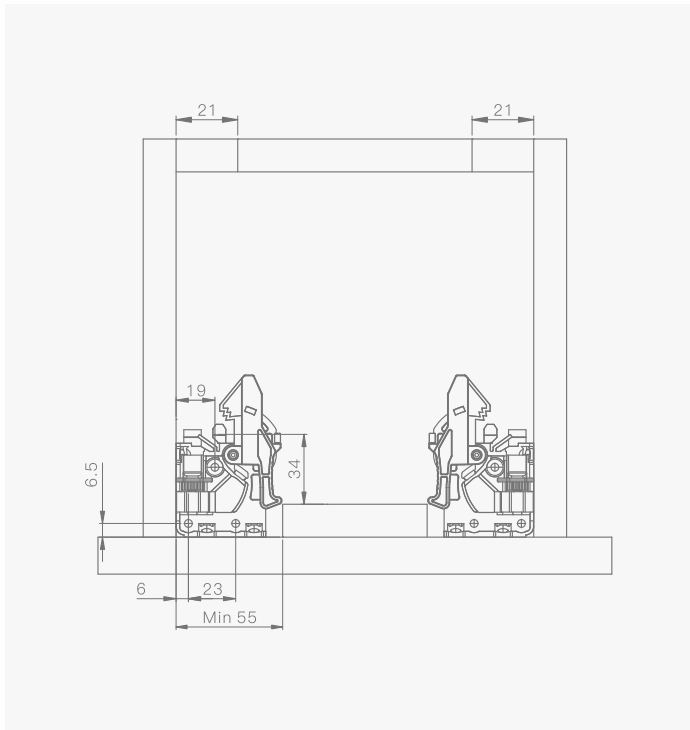
### Product Information

19mm 2-Fold concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤19mm
Up-Down Adjustment:0-3mm

### Fitting

	Name	Trademark
	clip on handle (left-right)	custom-made

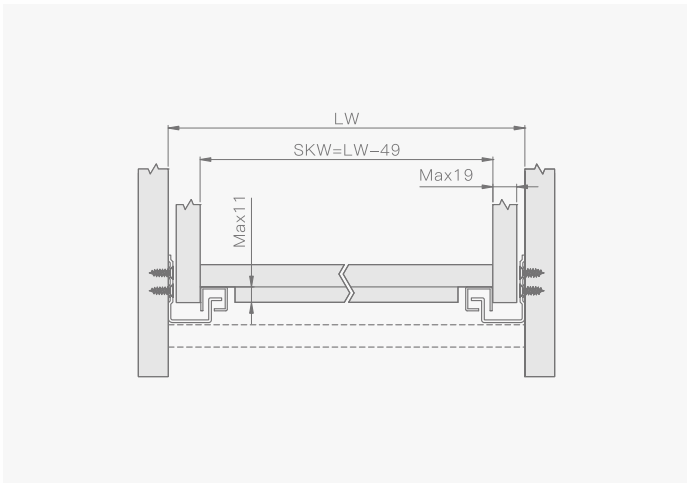
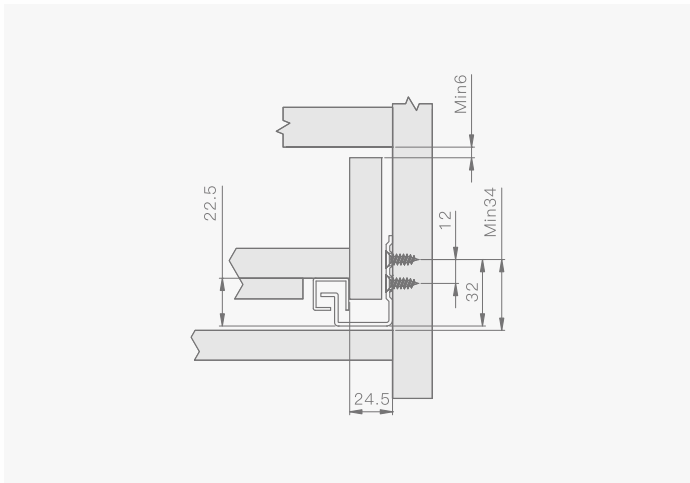
### Installation Dimension For The Handle



## 2-Fold Concealed Drawer Slide

19mm With Clip-on Handle

### Installation Dimension Of Slide Rail(mm)



Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

### Installation Dimension For The Drawer(mm)

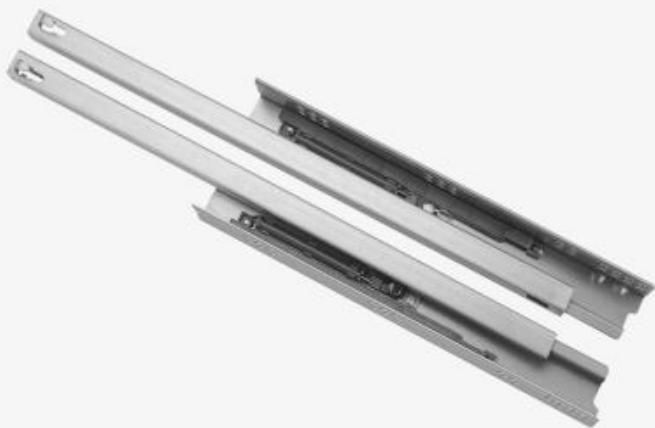
Front	NL:Nominal Length
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm
128 192 224	
23 78	
37	
The 4" hole	
Hole size of built-in drawer	
Front	
18+Thickness of drawer panel	
The 2" hole	

### Installation Dimension For The Drawer(mm)

SKL=NL-10	
37	
NL	
LT≥NL+10	
10	
Min 3 mm push space for spring back drawer slide	
SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide
X	
ISKL=SKL+X	
SKL=NL-10	
X+18	
32	
8	
NL	
LT≥ISKL+10	
10	
ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

## 2-Fold Concealed Drawer Slide

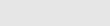
### 16mm With Adjustable Nail



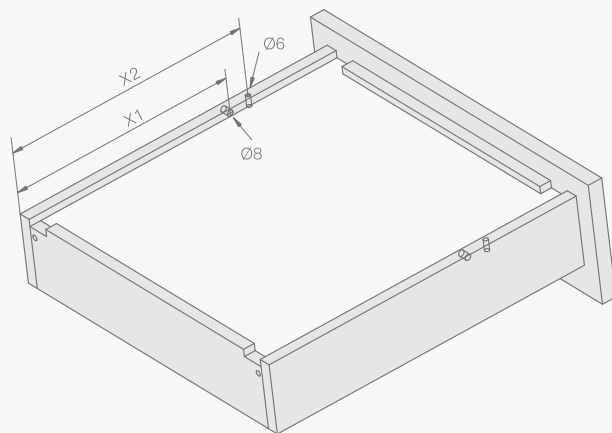
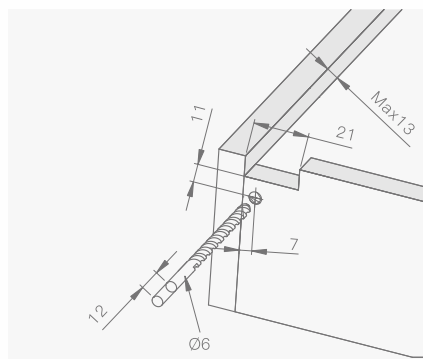
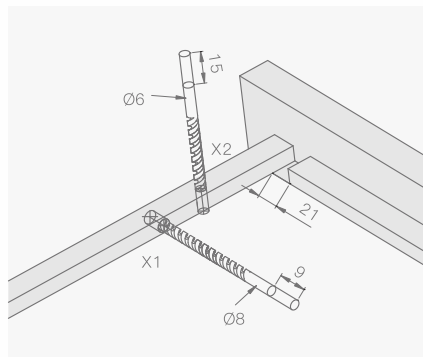
## Product Information

16mm 2-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤16mm
Up-Down Adjustment:0-3mm

## Fitting

	Name	Trademark
	adjustable nail	custom-made

## Installation Dimension For The Adjustable Nail

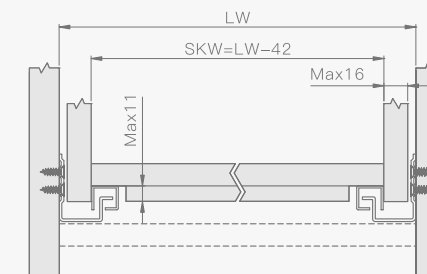
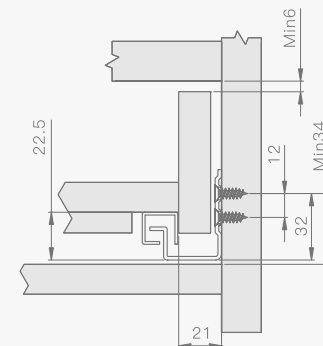


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	188	213	238	273	298	323	358	383
X2(mm)	220	245	370	305	330	355	390	415

## 2-Fold Concealed Drawer Slide

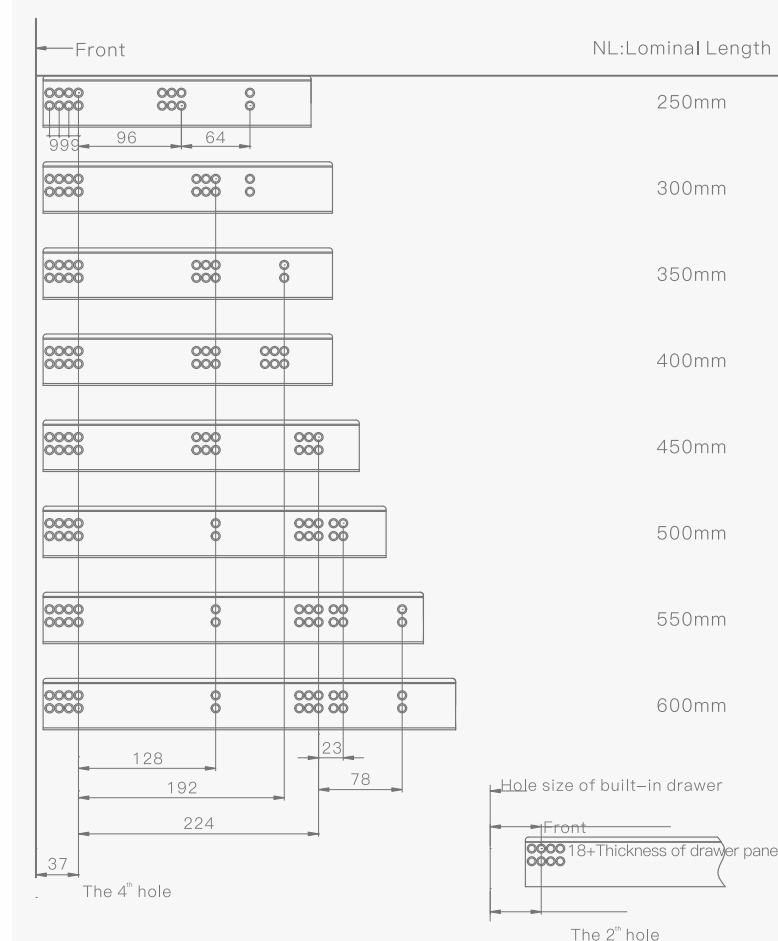
### 16mm With Adjustable Nail

### Installation Dimension Of Slide Rail(mm)

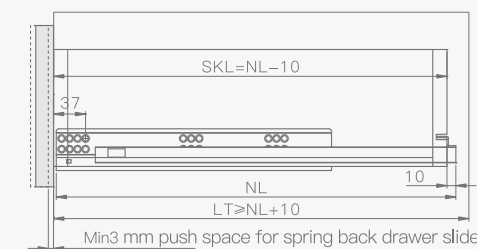


	Min 2mm at the bottom	SKW	Net width of the drawer
		LW	Net width of the cabinet

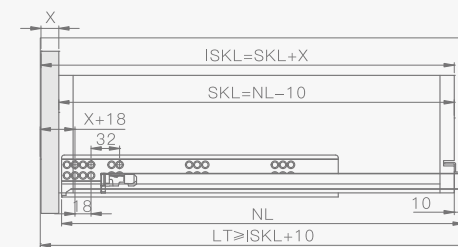
### Installation Dimension For The Drawer(mm)



### Installation Dimension For The Drawer(mm)



SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide



ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

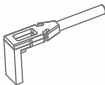
## 2-Fold Concealed Drawer Slide

19mm With Adjustable Nail

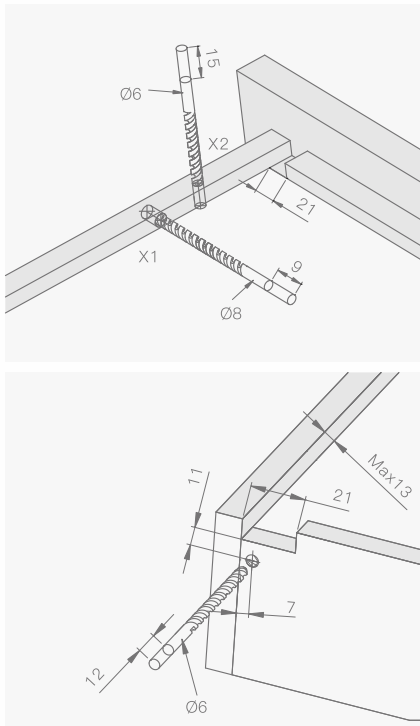


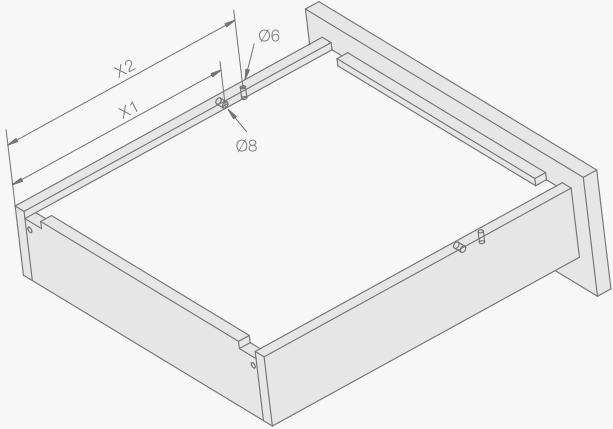
Product Information
19mm 2-Fold Concealed Drawer Slide
Function:Full extension
Finish:Zinc Plated
Length:250-600mm
Panel Size Arrange:≤19mm
Up-Down Adjustment:0-3mm

### Fitting

	Name	Trademark
	adjustable nail	custom-made

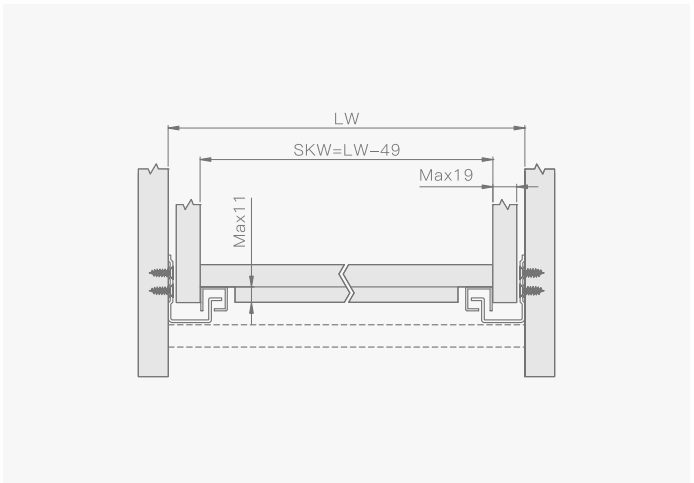
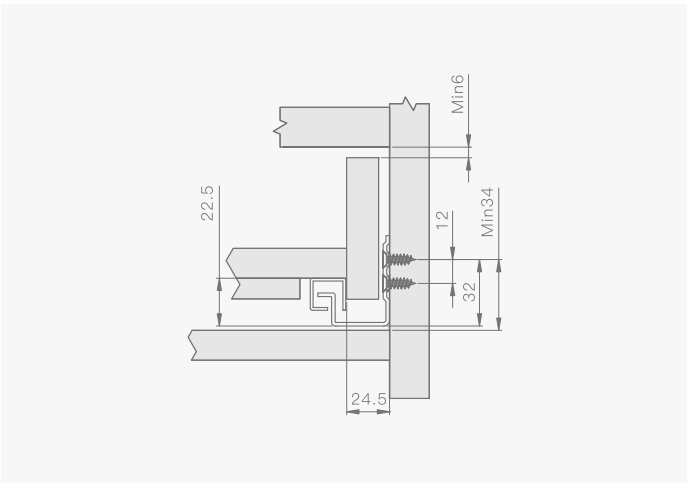
### Installation Dimension For The Adjustable Nail





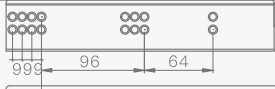







NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	188	213	238	273	298	323	358	383
X2(mm)	220	245	370	305	330	355	490	415

### Installation Dimension Of Slide Rail(mm)

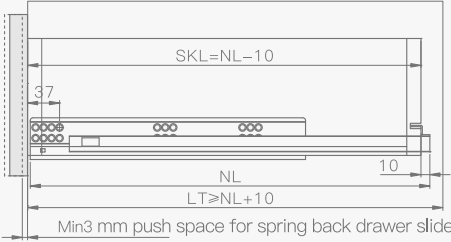
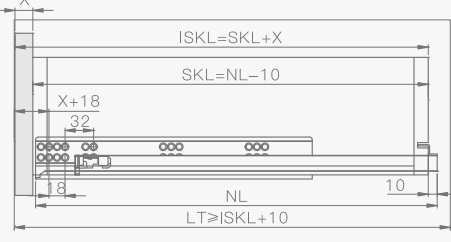


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

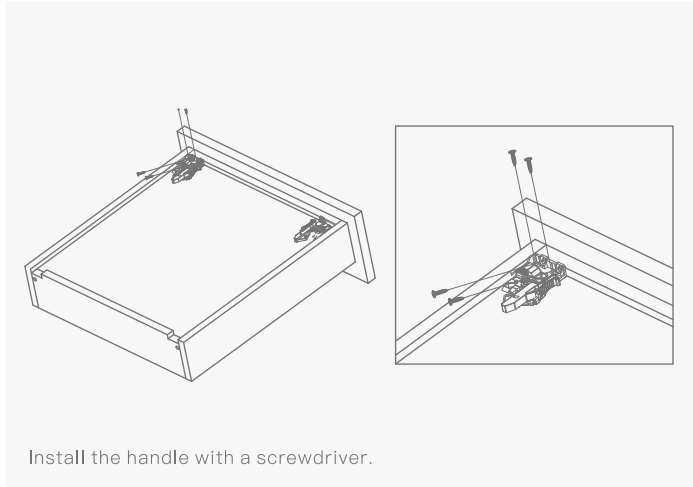
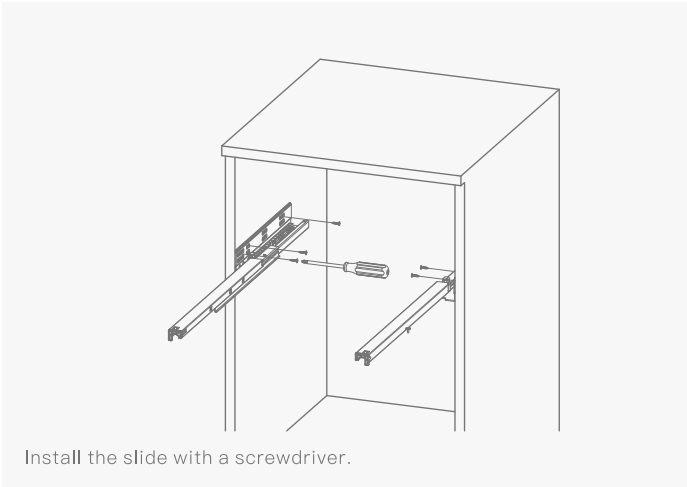
### Installation Dimension For The Drawer(mm)

Front	NL:Nominal Length
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm
<div> <div>128</div> <div>192</div> <div>224</div> </div> <div> <div>23</div> <div>78</div> </div> <div> <div>37</div> <div>The 4" hole</div> </div> <div> <div>Hole size of built-in drawer</div> <div> <div>Front</div> <div>18+Thickness of drawer panel</div> <div>The 2" hole</div> </div> </div>	

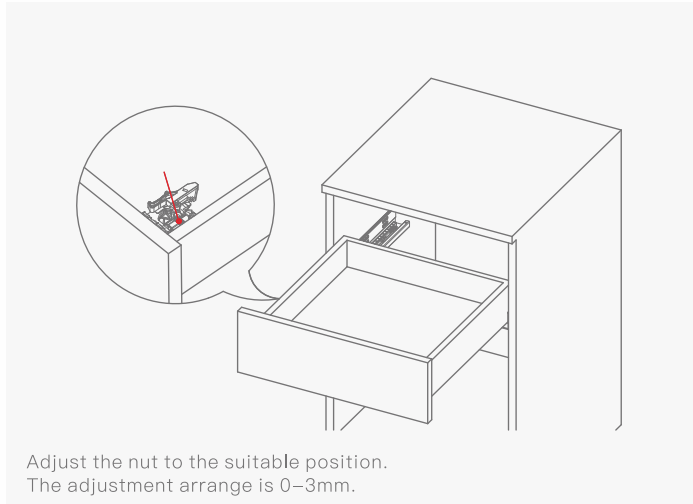
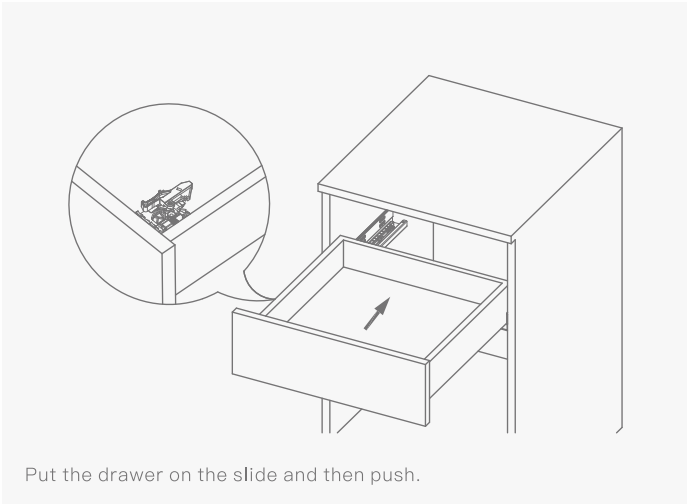
### Installation Dimension For The Drawer(mm)

	SKL	Length of drawer
	NL	Nominal length
	LT	Net internal depth of cabinet
		Min 3 mm push space for spring back drawer slide
	ISKL	Length of internal drawer
	SKL	Length of drawer
	NL	Nominal length
	X	Thickness of drawer panel
	LT	Net internal depth of cabinet

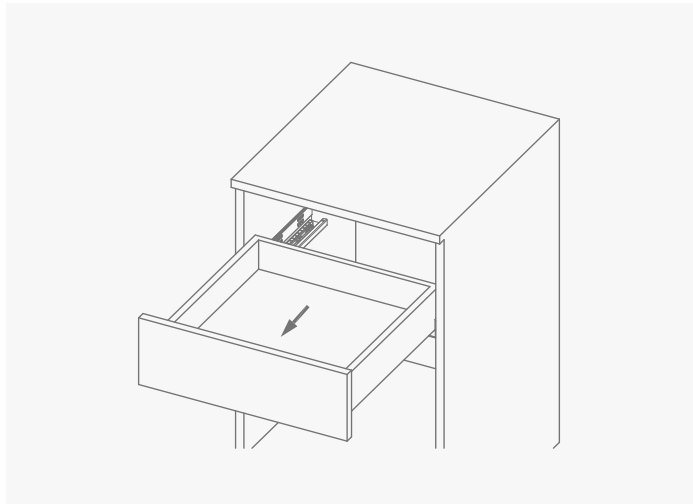
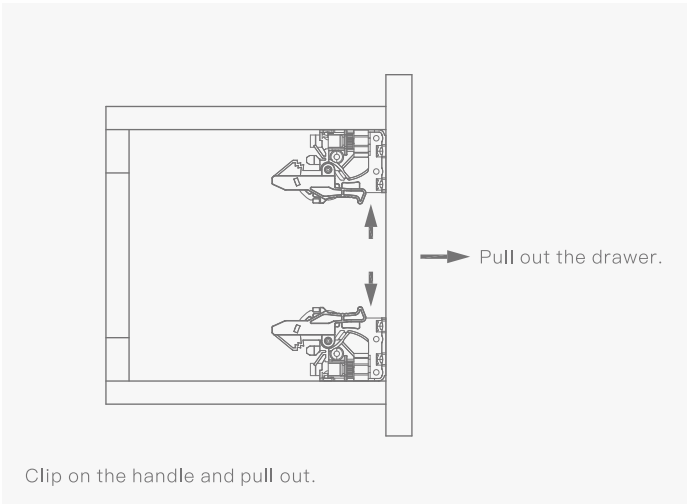
Installation



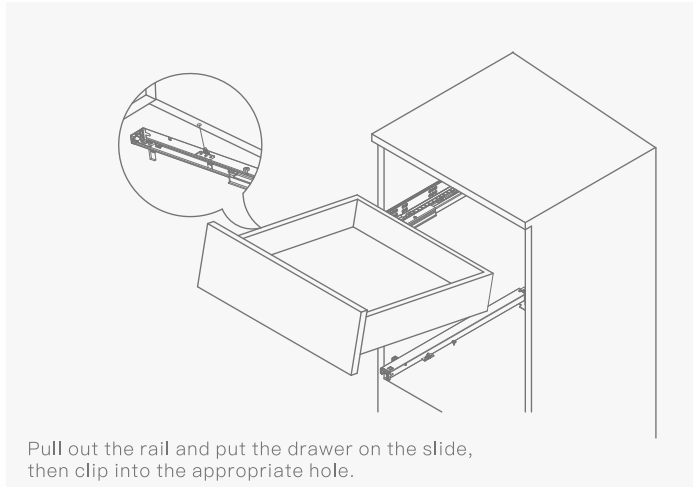
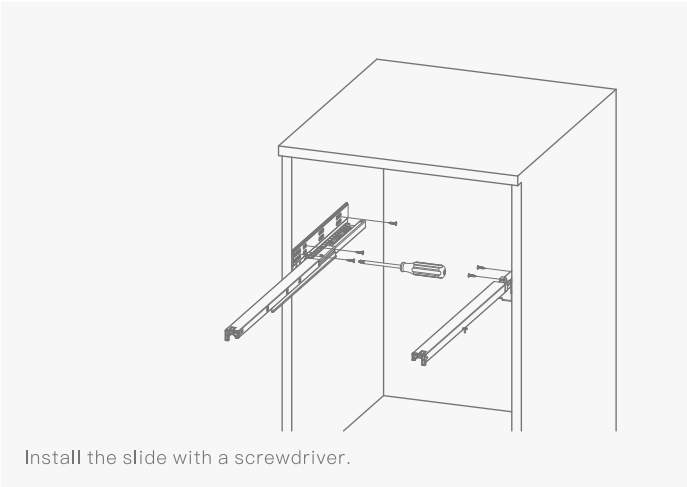
Installation



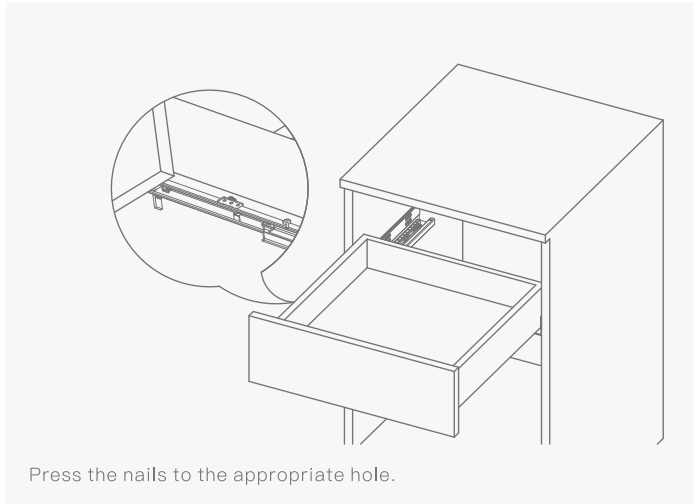
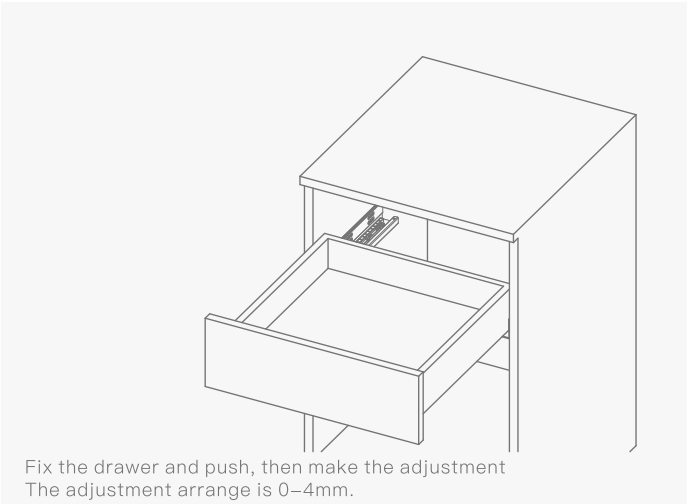
Removal



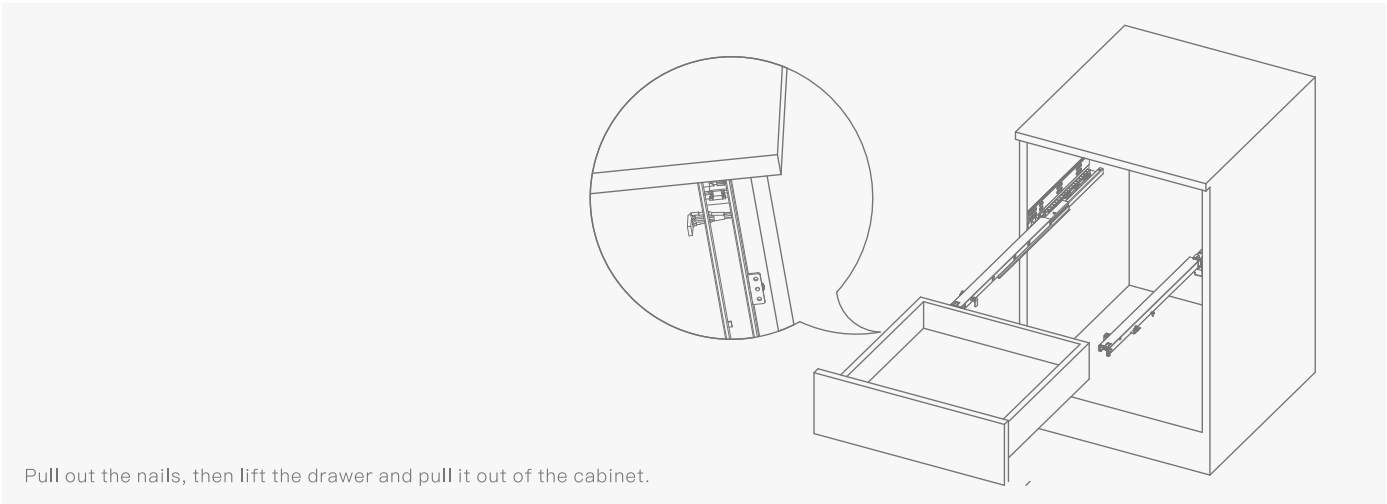
Installation



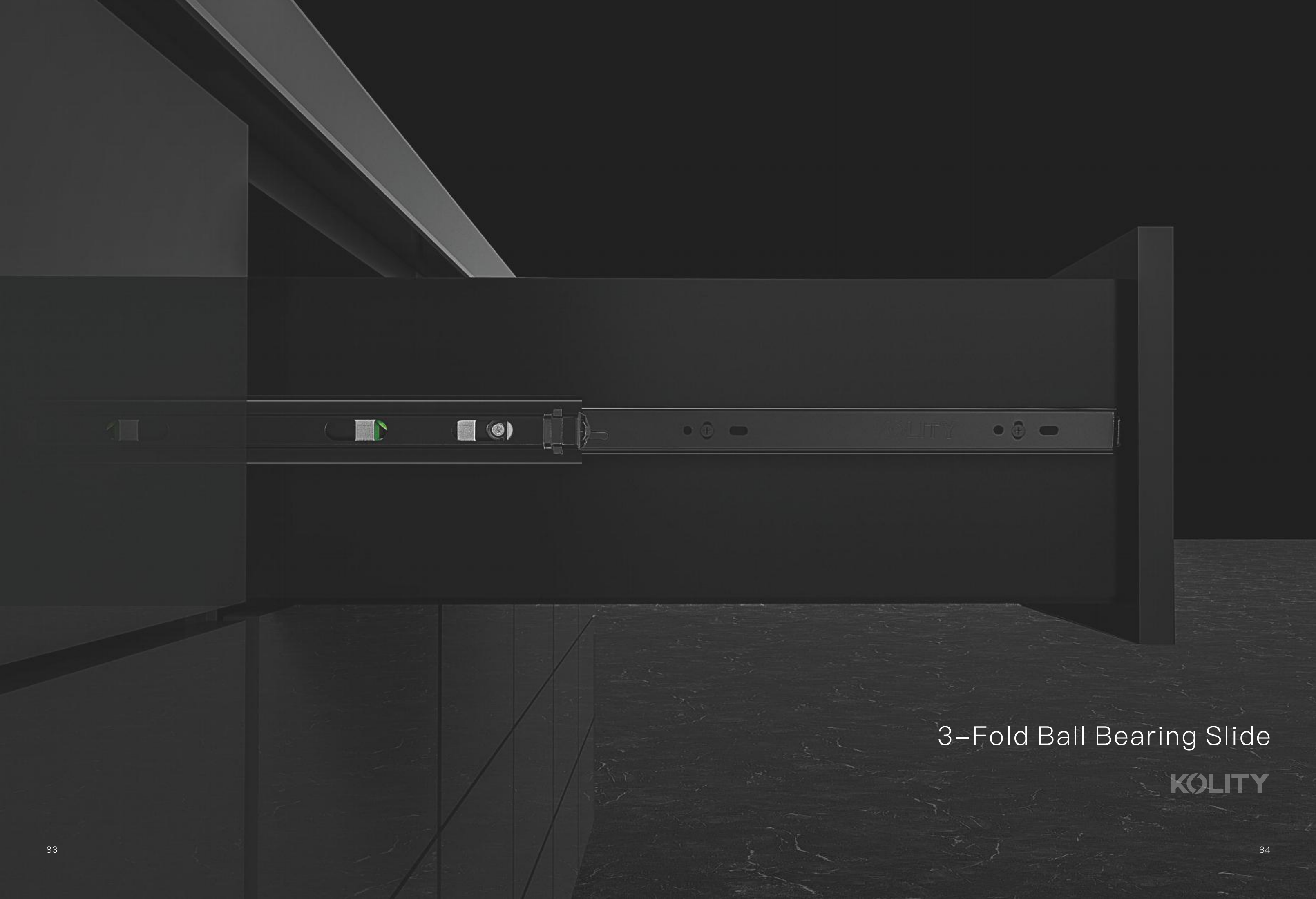
Installation



Removal





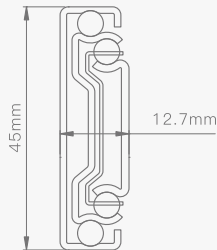


## 3-Fold Ball Bearing Slide



**KOLITY**



Product Dimension



Screw

	Name	Size
	wood screw	M4x14/16mm
	Euro screw	Φ6.3x12/14/16mm

Product Information

45mm 3-Fold Soft Close Ball Bearing Slide

Function: Full extension

Finish: Zinc Plated, Blue Passivation, Epoxy Black

Length: 250-600mm

Loading Capacitor: 35-45kg

Thickness: 1.0x1.0x1.2/1.2x1.2x1.4

Installation Dimension

OW	Outer width of the drawer
LW	Net width of the cabinet

Installation Dimension For The Drawer(mm)

LT	Nominal length
NL	Net internal depth of cabinet

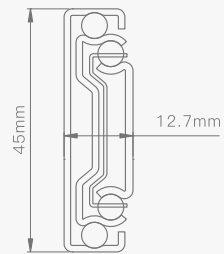
LT	Nominal length	X	Thickness of drawer panel
NL	Net internal depth of cabinet		

Installation Dimension For The Drawer(mm)

NL	Extension Length	Hole Size				
		A	B	C	D	E
250	164	—	—	64	—	—
300	264	96	—	64	—	—
350	335	128	—	64	—	—
400	401	160	—	64	192	—
450	451	160	288	64	224	—
500	501	190	320	64	224	—
550	551	224	384	64	224	352
600	601	224	416	64	224	352



## Product Dimension



## Screw

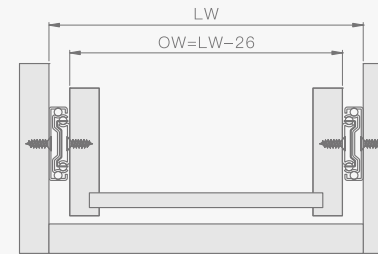
	Name	Size
	wood screw	M4x14/16mm
	Euro screw	Φ6.3x12/14/16mm

## Product Information

45mm 3–Fold Push Open Ball Bearing Slide
Function: Full extension
Finish: Zinc Plated, Blue Passivation, Epoxy Black
Length: 250–600mm
Loading Capacitor: 35–45kg
Thickness: 1.0×1.0×1.2/1.2×1.2×1.4

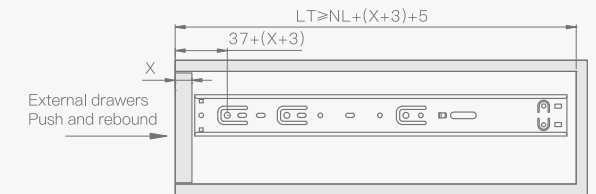
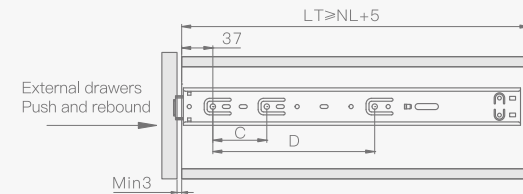
### 45mm 3-Fold Push Open Ball Bearing Slide

## Installation Dimension



OW	Outer width of the drawer
LW	Net width of the cabinet

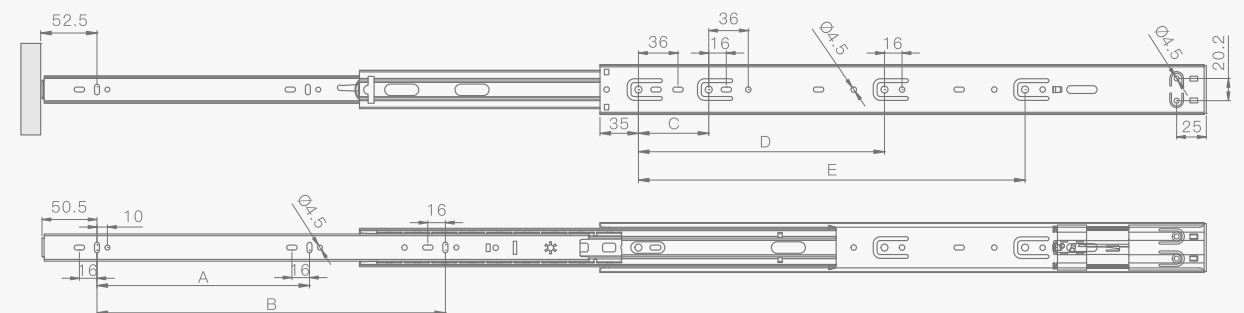
### Installation Dimension For The Drawer(mm)



LT	Nominal length		
NL	Net internal depth of cabinet		

LT	Nominal length	X	Thickness of drawer panel
NL	Net internal depth of cabinet		Rebound slide must leave minimum 3 mm pushing space

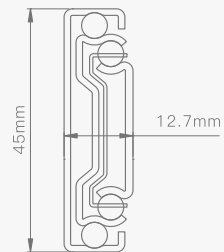
### Installation Dimension For The Drawer(mm)




NL	Extension Length	Hole Size				
		A	B	C	D	E
250	164	—	—	64	—	—
300	264	96	—	64	—	—
350	335	128	—	64	—	—
400	401	160	—	64	192	—
450	451	160	288	64	224	—
500	501	190	320	64	224	—
550	551	224	384	64	224	352
600	601	224	416	64	224	352



## Product Dimension



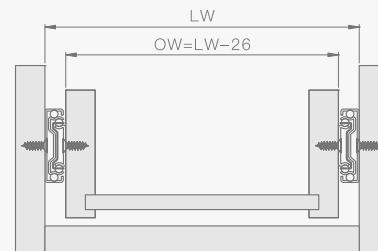
## Screw

	Name	Size
	wood screw	M4x14/16mm
	Euro screw	Φ6.3x12/14/16mm

## Product Information

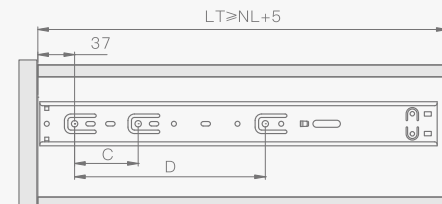
45mm 3-Fold Ball Bearing Slide
Function: Full extension
Finish: Zinc Plated, Blue Passivation, Epoxy Black
Length: 250-600mm
Loading Capacitor: 35-45kg
Thickness: 1.0x1.0x1.2/1.2x1.2x1.4

## Installation Dimension

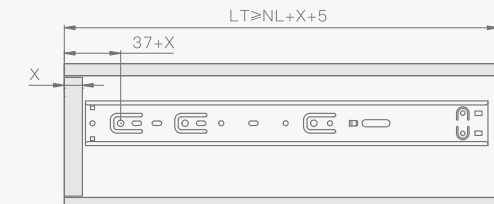


OW	Outer width of the drawer
LW	Net width of the cabinet

### Installation Dimension For The Drawer(mm)

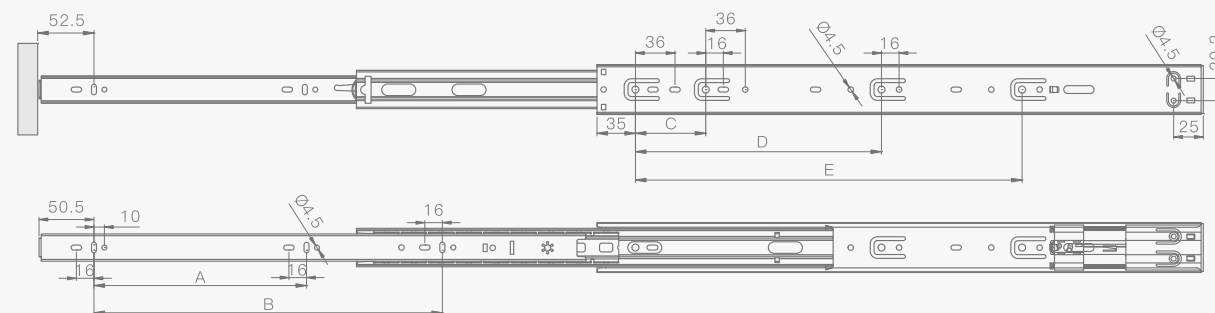


LT	Nominal length
NL	Net internal depth of cabinet



LT	Nominal length	X	Thickness of drawer panel
NL	Net internal depth of cabinet		

### Installation Dimension For The Drawer(mm)



NL	Extension Length	Hole Size				
		A	B	C	D	E
250	164	—	—	64	—	—
300	264	96	—	64	—	—
350	335	128	—	64	—	—
400	401	160	—	64	192	—
450	451	160	288	64	224	—
500	501	190	320	64	224	—
550	551	224	384	64	224	352
600	601	224	416	64	224	352



# Thanks!

Thank you for your reading and  
look forward to your continued attention.

