

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

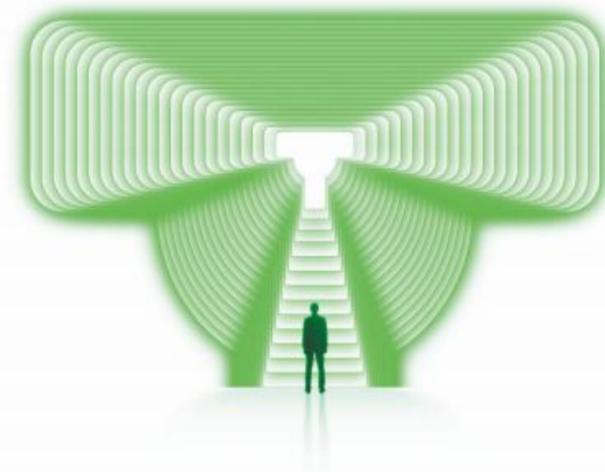


WeChat Official Accounts Online Shopping Site on Joybuy WeChat Mini Apps

Product Catalog Version 3.0



Reddot design award
winner 2015



Welcome to Kality

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.

2003

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

2002

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

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 Kolyty.

2011

Kolyty 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.

2014

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

2013

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

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

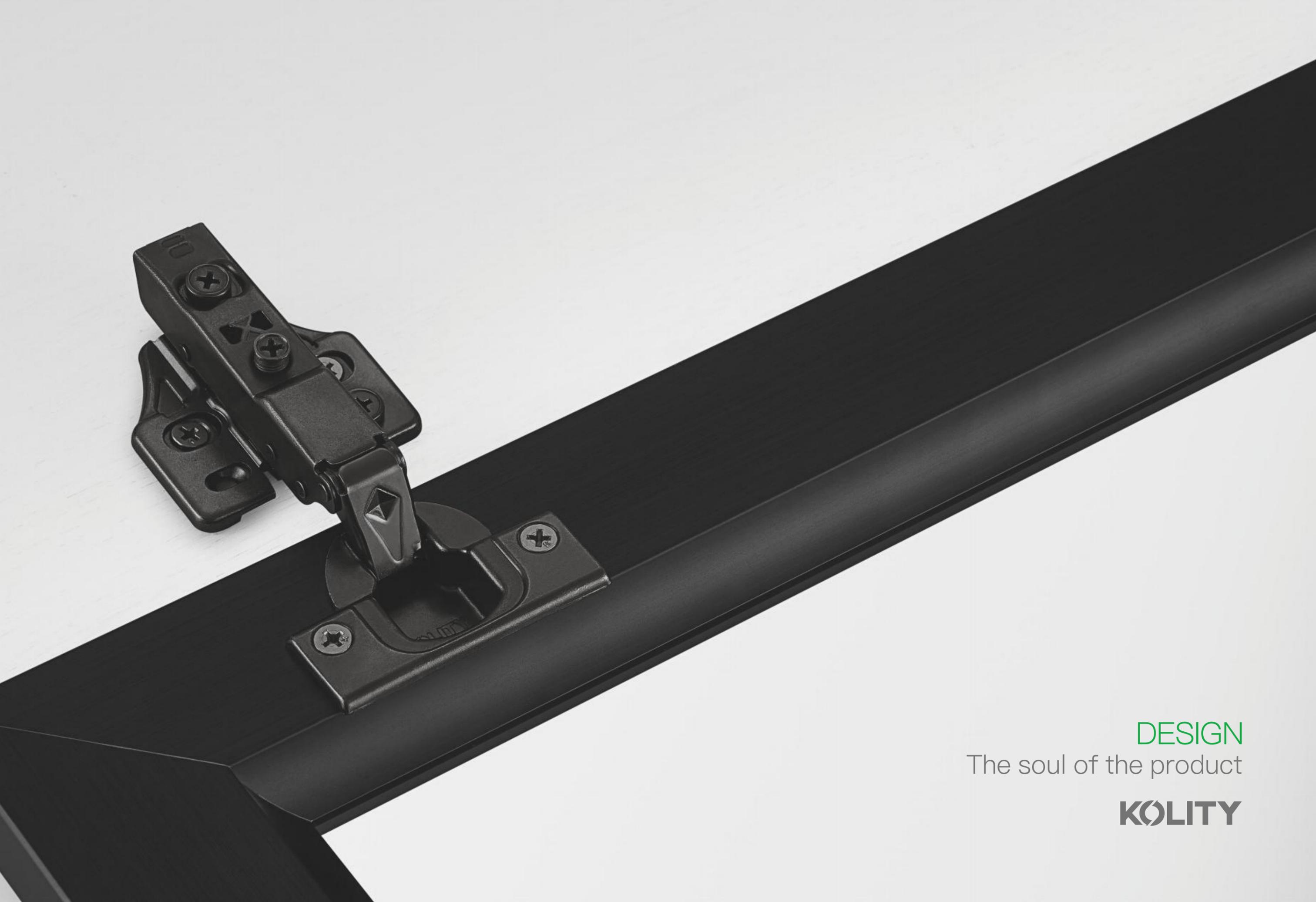
- Germany
- Italy
- England
- France
- Russia
- Poland
- Turkey
- Greece
- Iraq
- Serbia
- Bulgaria

AMERICA

- America
- Canada
- Brazil
- Argentina
- Chile

OCEANIA

- New Zealand
- Australia



DESIGN

The soul of the product

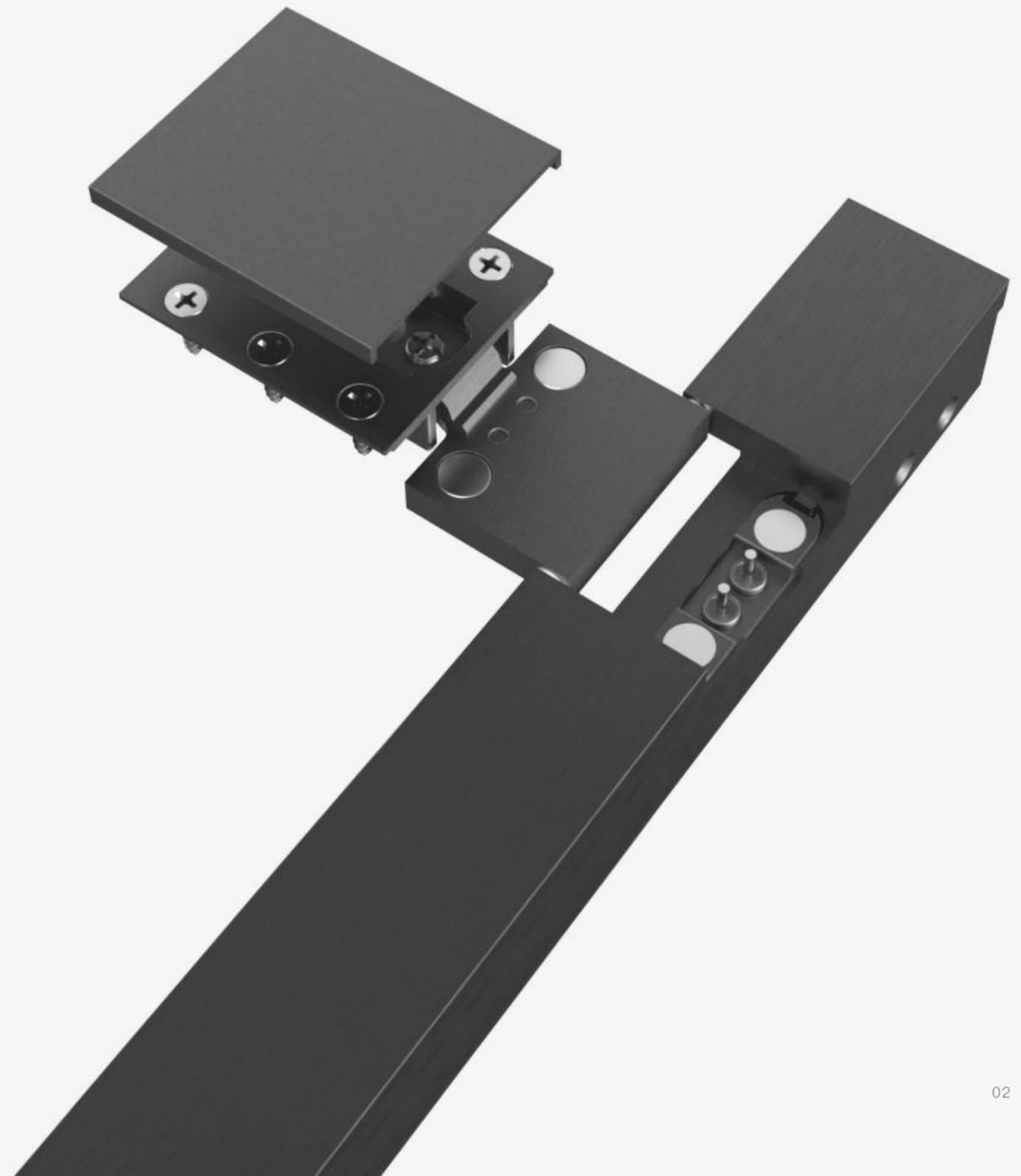
KOLITY



Z1

Soft Close Pivot Hinge

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

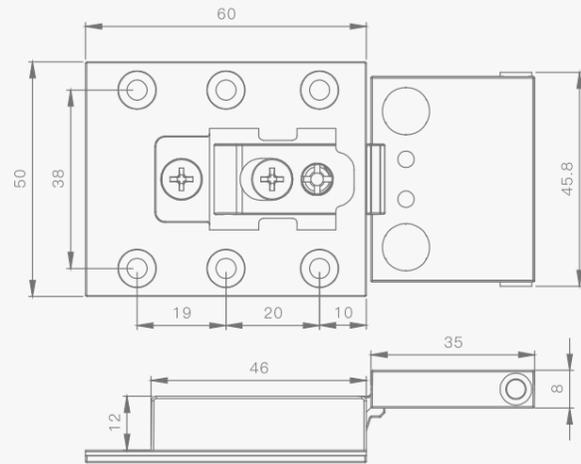


Z1 Soft Close Pivot Hinge

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

Product Information

Soft Close Pivot Hinge
Open Angle: 270°
Door Thickness: 35mm
The Largest cover: 17mm
Depth Adjustment: -3.0mm/+3.0mm
Up-down Adjustment: -2.5mm/+2.5mm
Zinc-alloy Material: Spray Coating
Aluminum-alloy Material: Oxidation

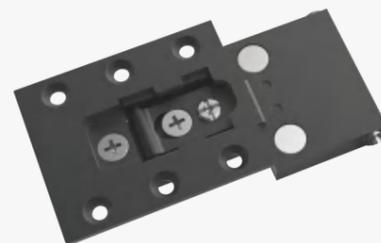
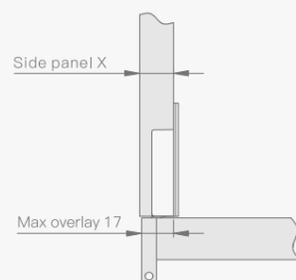


Cover

Name	Color	Trademark	Name	Color	Trademark
plastic cover	matted black	custom-made	plastic cover	dark brown	custom-made
plastic cover	matted gold	custom-made	plastic cover	gentry gray	custom-made

Fittings

Name	Size	Name	Size
damper	45x12x18.5mm	wood screw	M4x14/16mm
pivot	Φ3.9x136mm	M10 dowel	Φ10x12mm

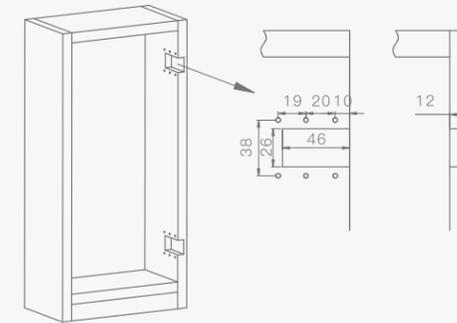


Z1 Soft Close Pivot Hinge

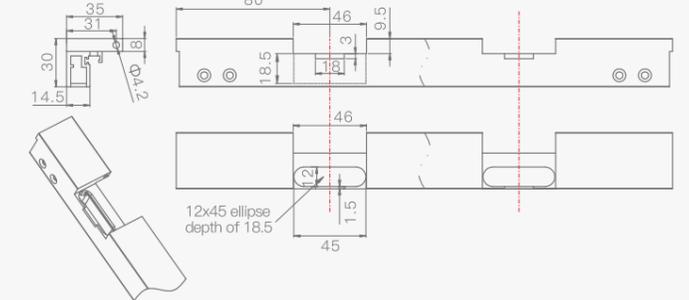
Concealed | A Door To The Top | 270° Opening Angle | Colourful Collocation

Installation

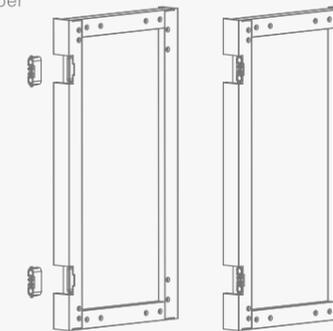
1, Drilling size of side panel



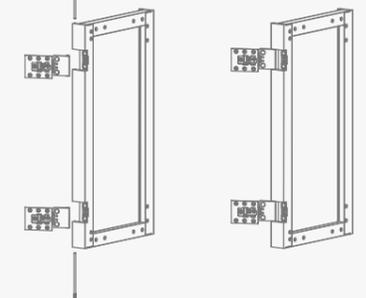
2, Drilling size of aluminum profile



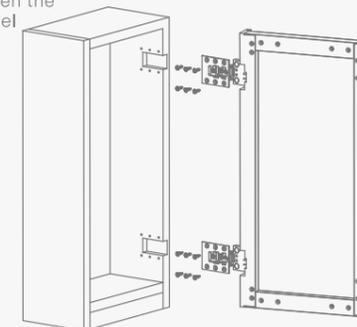
3, Installation of damper



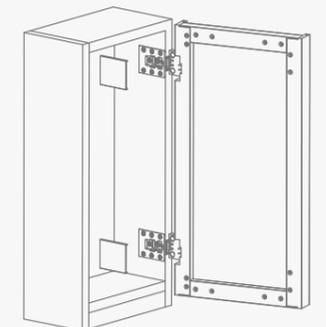
4, Installation between the hinge and the door



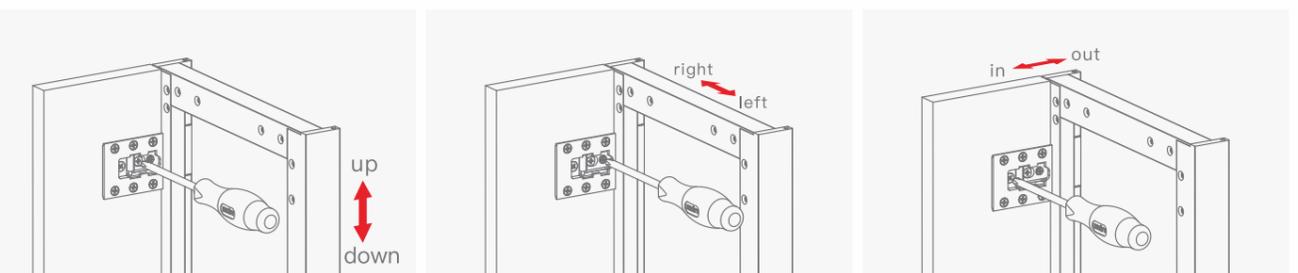
5, Installation between the door and side panel



6, Installation of cover



Adjustment





K6-2-LKH

Hinge For Thick Aluminum Frame Door

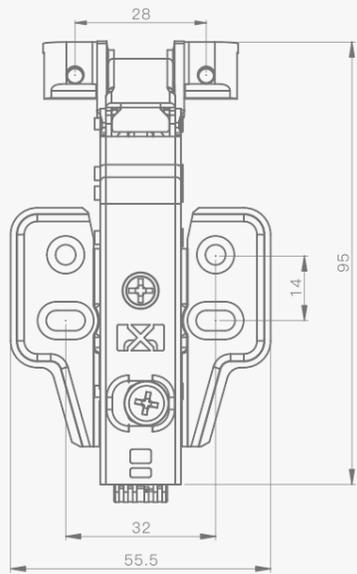


K6-2-V1-LKH

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



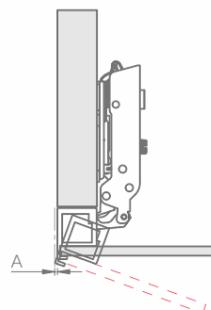
Cover

	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



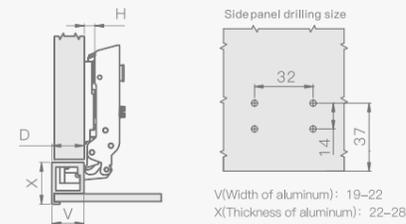
		X=						
		22	23	24	25	26	27	28
V=19	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.4
V=20	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=21	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=22	A=	0.8	0.9	1.2	1.5	1.7	1.7	2.2

K6-2-V1-LKH

Hinge For Thick Aluminum Frame Door V1 Type

Installation & Overlay Calculation

FULL OVERLAY

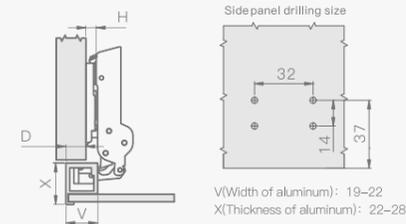


K:Hinge cup distance
T:Door thickness

		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

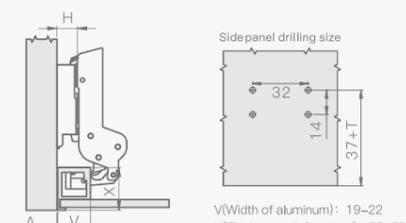


K:Hinge cup distance
T:Door thickness

		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



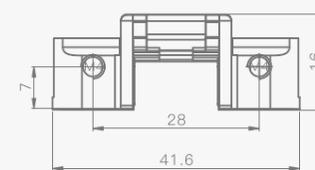
K:Hinge cup distance
T:Door thickness

		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										

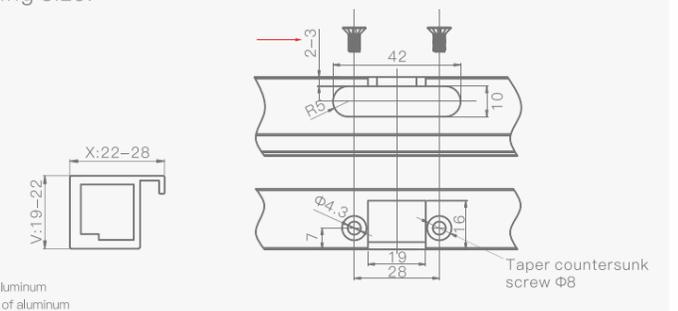


Installation of Hinge Cup

Hinge cup:



Drilling size:



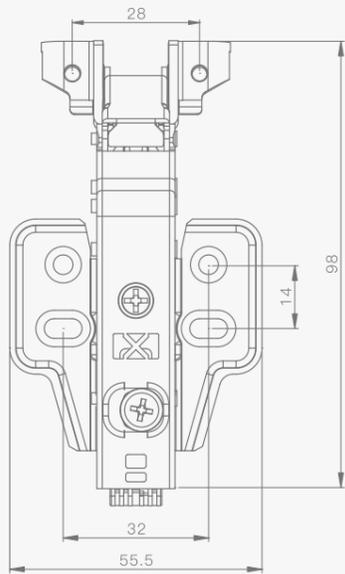
V: Width of aluminum
X: Thickness of aluminum

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



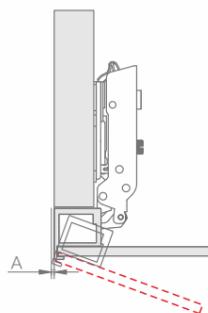
Cover

	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



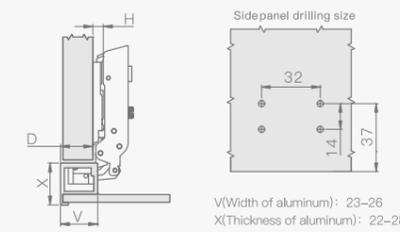
		X=						
		22	23	24	25	26	27	28
V=23	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.4
V=24	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=25	A=	0.8	0.9	1.2	1.5	1.7	1.8	2.3
V=26	A=	0.8	0.9	1.2	1.5	1.7	1.7	2.2

K6-2-V2-LKH

Hinge For Thick Aluminum Frame Door V2 Type

Installation & Overlay Calculation

FULL OVERLAY

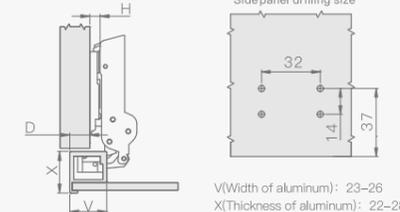


K:Hinge cup distance
T:Door thickness

		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

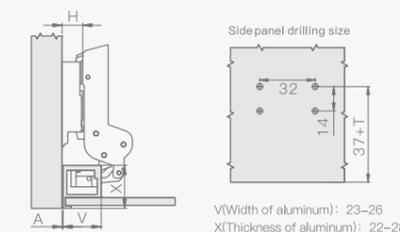


K:Hinge cup distance
T:Door thickness

		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



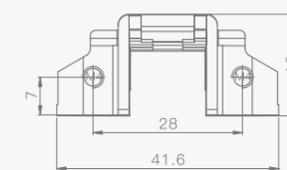
K:Hinge cup distance
T:Door thickness

		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				

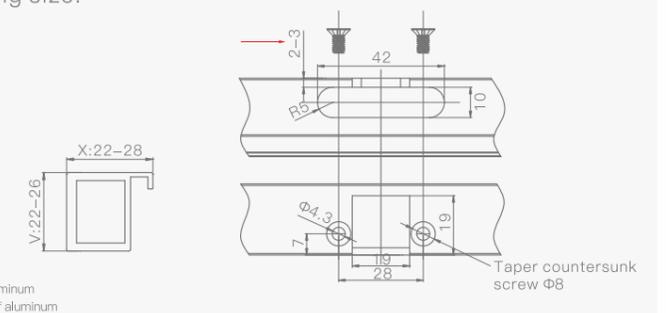


Installation of Hinge Cup

Hinge cup:



Drilling size:

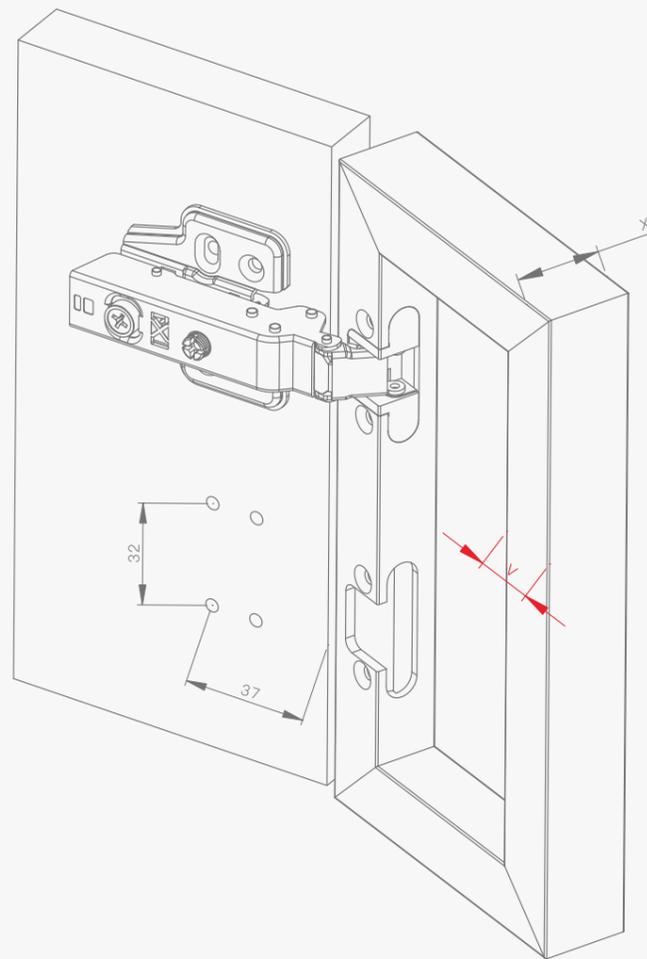


V: Width of aluminum
X: Thickness of aluminum

K6-2-V1-LKH

Range Of Application For V1 Type

Diagram For Aluminum Range Of V1 Type

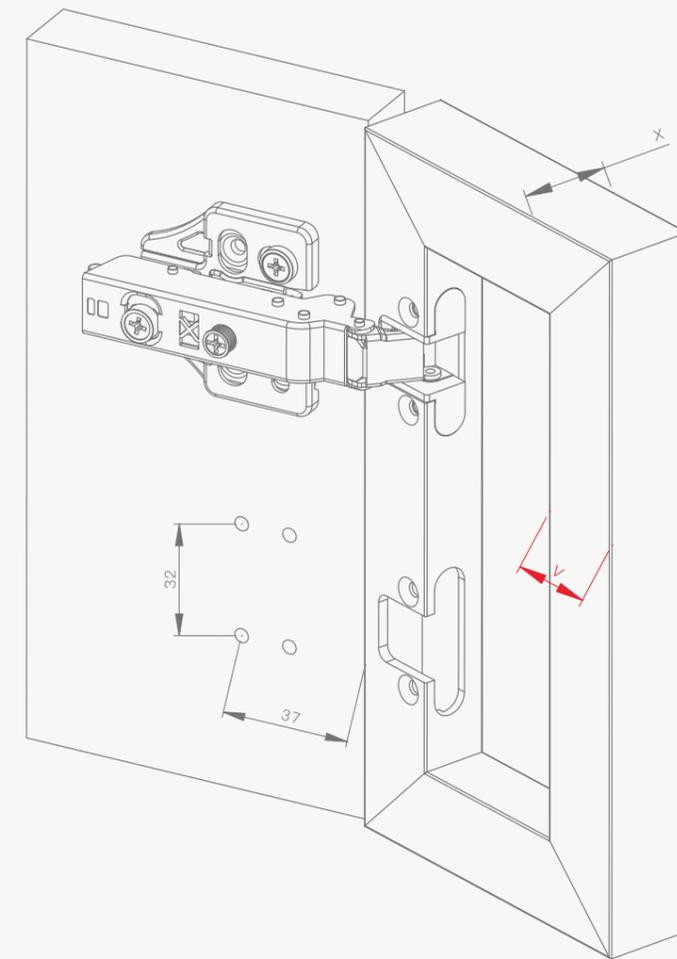


V1	Range of Aluminum Width(V): 19–22mm
	Range of Aluminum Thickness(X): 22–28mm

K6-2-V2-LKH

Range Of Application For V2 Type

Diagram For Aluminum Range Of V2 Type



V2	Range of Aluminum Width(V): 23–26mm
	Range of Aluminum Thickness(X): 22–28mm

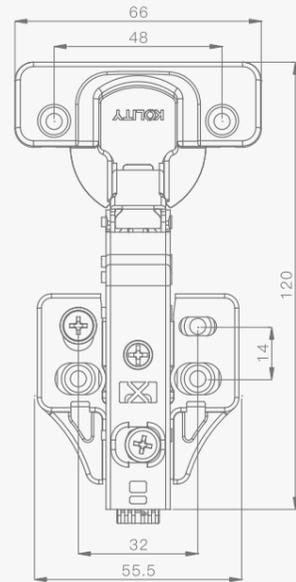


K6-2

Hinge For Thick Door

Suitable For 18-30mm Thick Door





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

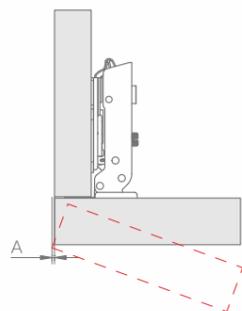
Cover

	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

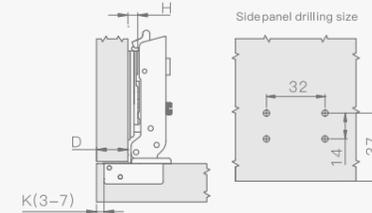
Installation of Hinge Cup



	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



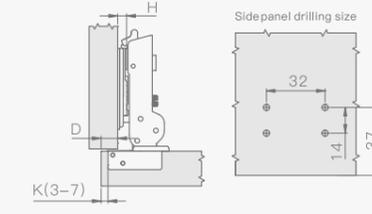
K:Hinge cup distance
T:Door thickness

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

Base Height H



HALF OVERLAY



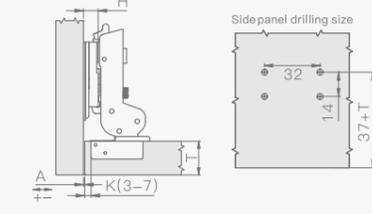
K:Hinge cup distance
T:Door thickness

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

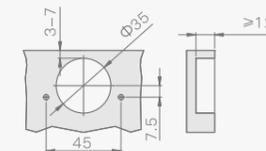
Hinge cup Distance K	Door panel cover A				
	3	2	1	0	-1
7	4				
6		4			
5			4		
4				4	
3					4

Base Height H

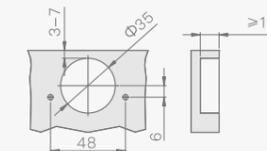


Installation of Hinge Cup

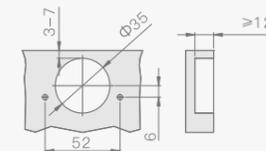
Drilling size:45mm



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

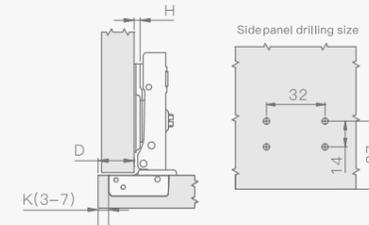
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

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

Installation & Overlay Calculation

FULL OVERLAY



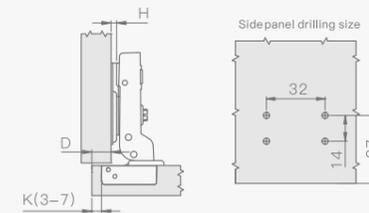
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	Door panel cover D								
	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



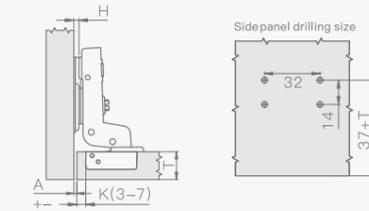
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	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

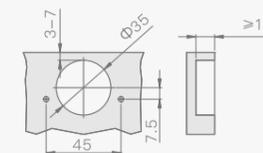
Hinge cup Distance K	Door panel cover A							
	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5	
3	0				4			
4		0				4		
5			0				4	
6				0				4
7					0			

Base Height H

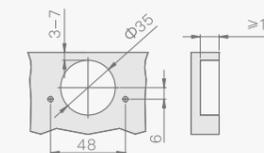


Installation of Hinge Cup

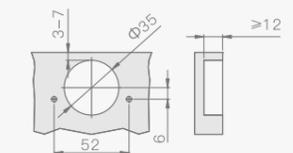
Drilling size: 45mm



Drilling size: 48mm



Drilling size: 52mm





K5-3-H

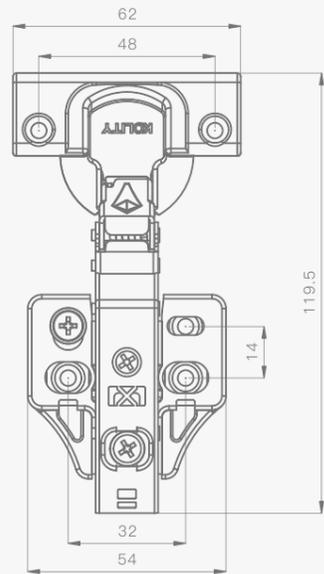
Clip on 3D Hydraulic Hinge

Solution For Opening And Closing Of Entry Lux Furniture



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



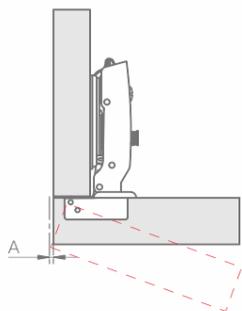
Cover

	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

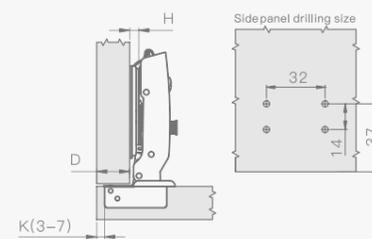
Installation of Hinge Cup



	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



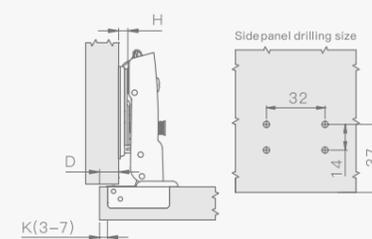
K:Hinge cup distance
T:Door thickness

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



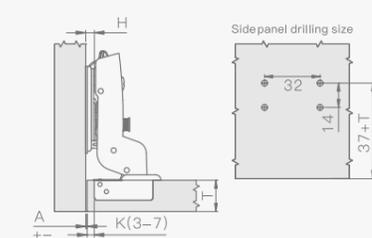
K:Hinge cup distance
T:Door thickness

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

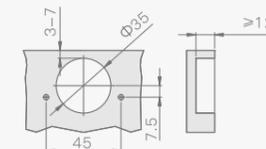
Hinge cup Distance K	Door panel cover A				
	3	2	1	0	-1
7	0				
6		0			
5			0		
4				0	
3					0

Base Height H

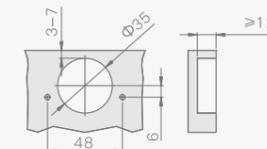


Installation of Hinge Cup

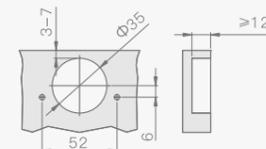
Drilling size 45mm



Drilling size 48mm



Drilling size 52mm





K5-3-304

Water-Proof Hinge

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

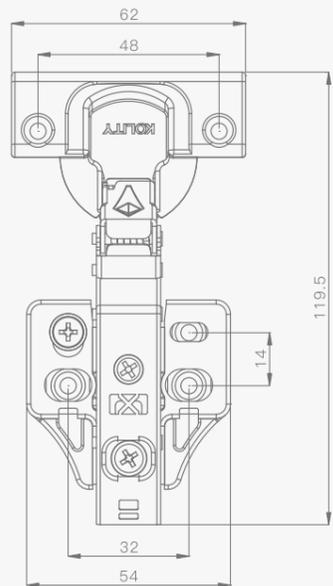


K5-3-304

All Stainless Steel

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



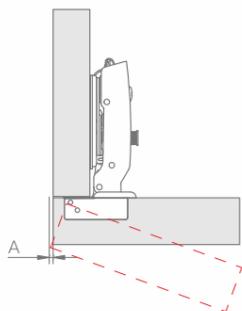
Cover

	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



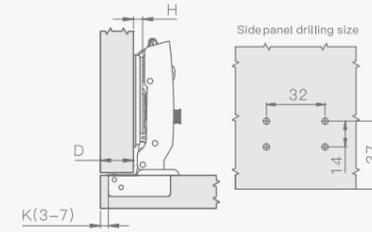
	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

K5-3-304

All Stainless Steel

Installation & Overlay Calculation

FULL OVERLAY



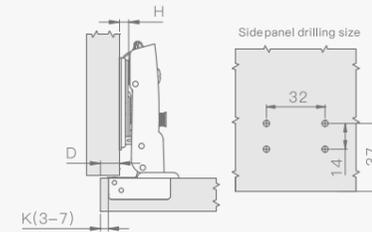
K:Hinge cup distance
T:Door thickness

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



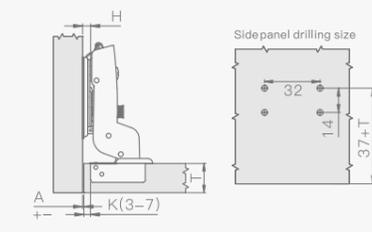
K:Hinge cup distance
T:Door thickness

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

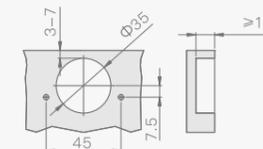
Hinge cup Distance K	Door panel cover A				
	3	2	1	0	-1
7	0				
6		0			
5			0		
4				0	
3					0

Base Height H

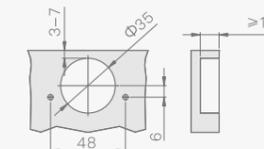


Installation of Hinge Cup

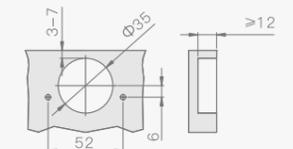
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm





K5-3

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

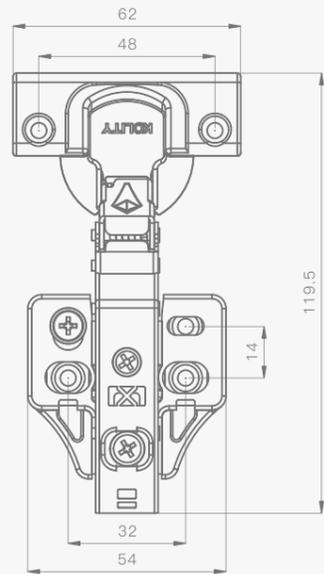


K5-3

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



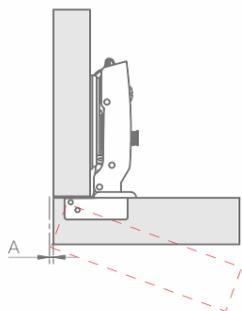
Cover

	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



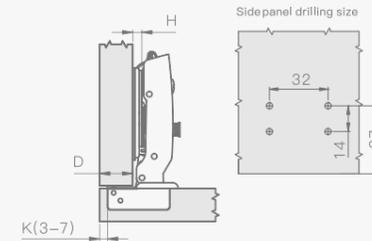
	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

K5-3

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

Installation & Overlay Calculation

FULL OVERLAY



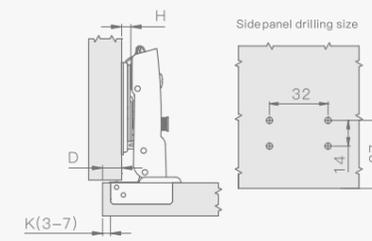
K:Hinge cup distance
T:Door thickness

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



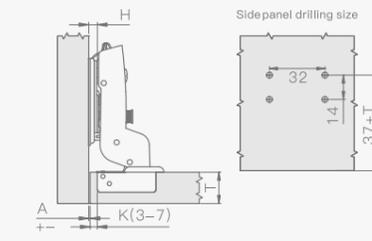
K:Hinge cup distance
T:Door thickness

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

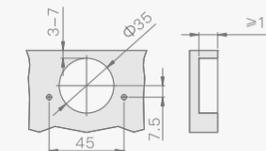
Hinge cup Distance K	Door panel cover A				
	3	2	1	0	-1
7	0				
6		0			
5			0		
4				0	
3					0

Base Height H

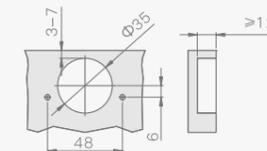


Installation of Hinge Cup

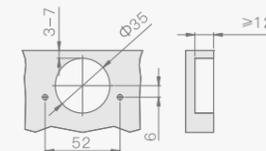
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm





K5-2-LKH

Hinge For 20 Aluminum Frame Door

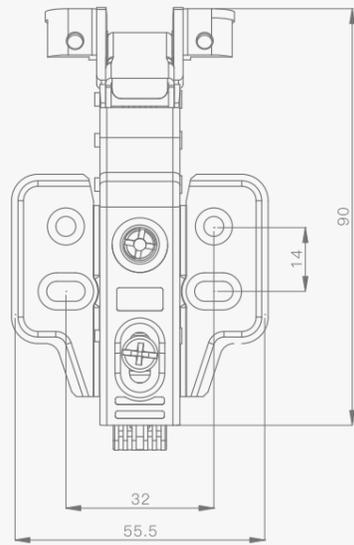


K5-2-LKH

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



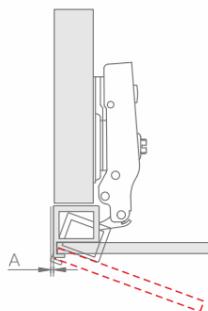
Cover

	Name	Trademark
	arm cover	custom-made

Screw

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

Installation of Hinge Cup

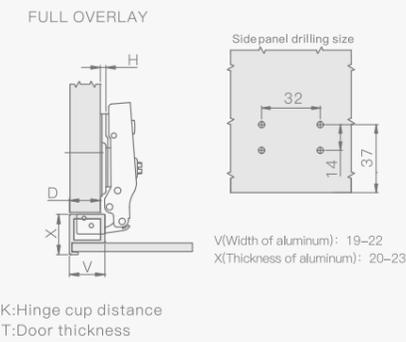


		X=			
		20	21	22	23
V=19	A=	1.5	2.2	2.8	3.3
V=20	A=	1.5	2.1	2.7	3.2
V=21	A=	1.5	2.0	2.5	3.0
V=22	A=	1.5	1.7	2.2	2.7

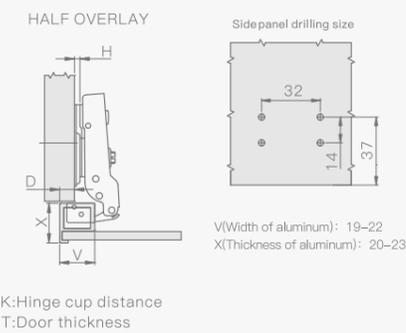
K5-2-LKH

Hinge For 20 Aluminum Frame Door

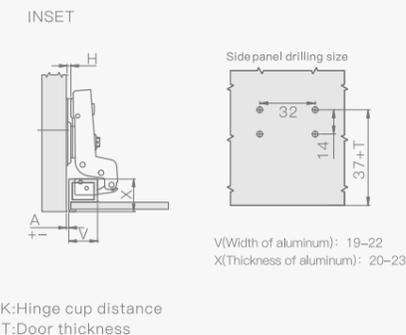
Installation & Overlay Calculation



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



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

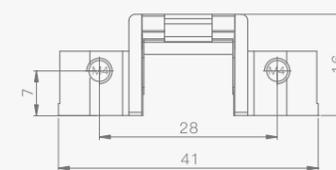


		Door panel cover A							
		2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5
Width of Aluminum V	22	0				4			
	21		0				4		
	20			0				4	
	19				0				4
		Base Height H							

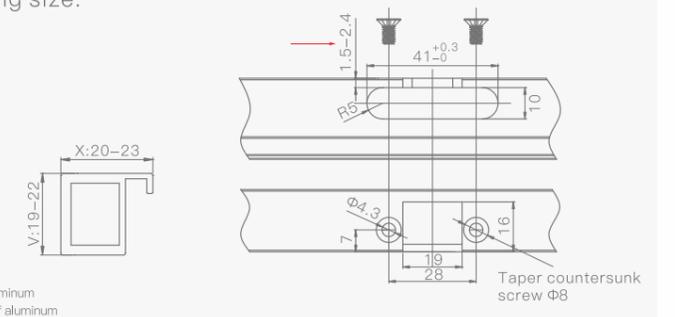


Installation of Hinge Cup

Hinge cup:



Drilling size:



V: Width of aluminum
X: Thickness of aluminum

K5-2-304

All Stainless Steel Hinge



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

K5-2-304

All Stainless Steel Hinge

Installation & Overlay Calculation

FULL OVERLAY

K: Hinge cup distance
T: Door thickness

Hinge cup Distance K	Door panel cover D									
	14	15	16	17	18	19	20	21	22	
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	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

Hinge cup Distance K	Door panel cover A						
	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5
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: 15–25mm
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

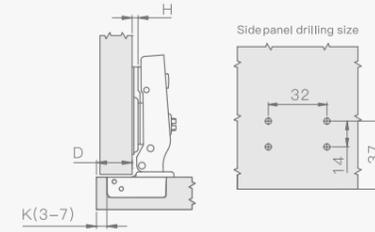
Cover

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

Screw

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

FULL OVERLAY



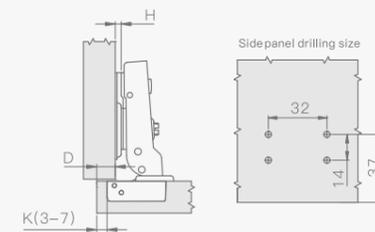
K:Hinge cup distance
T:Door thickness

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

Base Height H



HALF OVERLAY



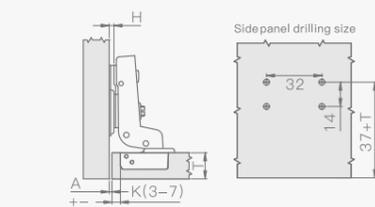
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	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

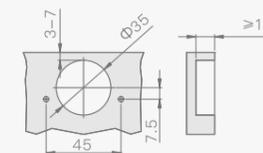
Hinge cup Distance K	Door panel cover A						
	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5
7	0				4		
6		0				4	
5			0				4
4				0			
3					0		

Base Height H

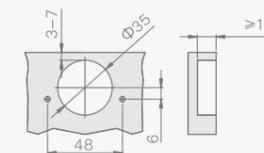


Installation of Hinge Cup

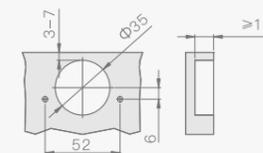
Drilling size:45mm



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

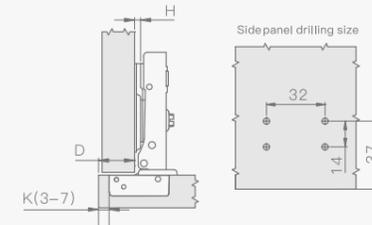
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

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

Installation & Overlay Calculation

FULL OVERLAY



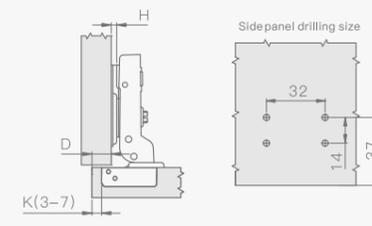
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	Door panel cover D								
	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



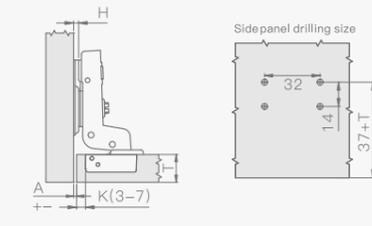
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	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

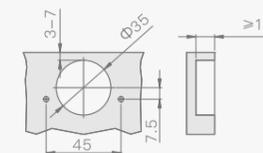
Hinge cup Distance K	Door panel cover A						
	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5
7	0				4		
6		0				4	
5			0				4
4				0			
3					0		

Base Height H

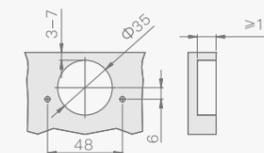


Installation of Hinge Cup

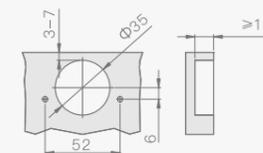
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm





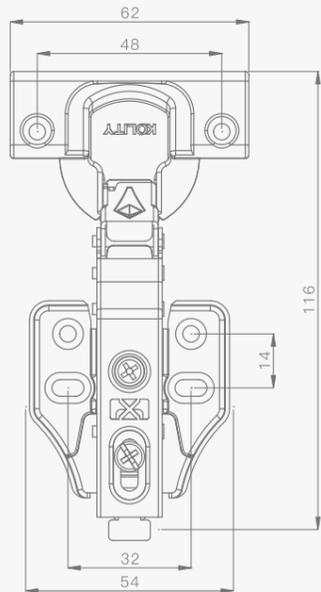
K3-2

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



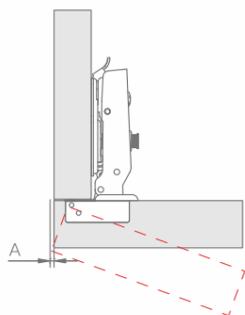
Cover

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

Screw

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

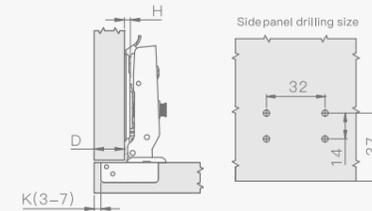
Installation of Hinge Cup



	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	1.2	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



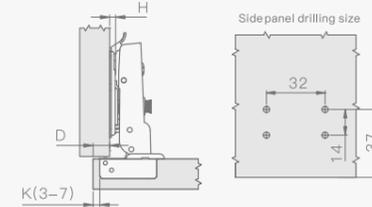
K:Hinge cup distance
T:Door thickness

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



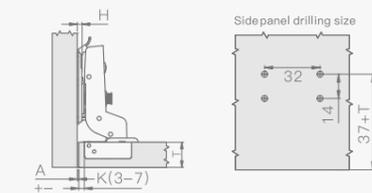
K:Hinge cup distance
T:Door thickness

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

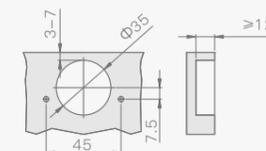
Hinge cup Distance K	Door panel cover A				
	3	2	1	0	-1
7	0				
6		0			
5			0		
4				0	
3					0

Base Height H

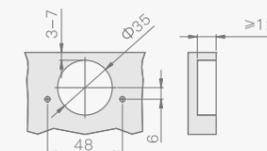


Installation of Hinge Cup

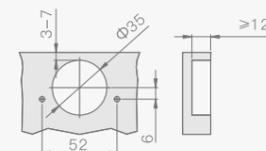
Drilling size: 45mm



Drilling size: 48mm



Drilling size: 52mm





Product Information

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	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									
	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	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

Hinge cup Distance K	Door panel cover A									
	3.5	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5	
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

K2S

Small Angle Soft Close | Slide-on Hinge

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

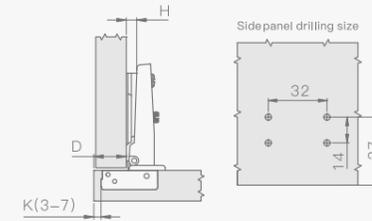
Name	Size	Name	Size
 wood screw	M4x14/16mm	 M10 dowel	Φ10x12mm
 Euro Screw	Φ6.3x12/14/16mm	 M8 dowel	Φ8x12mm

K2S

Small Angle Soft Close | Slide-on Hinge

Installation & Overlay Calculation

FULL OVERLAY

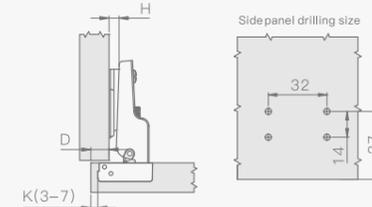


K: Hinge cup distance
T: Door thickness

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

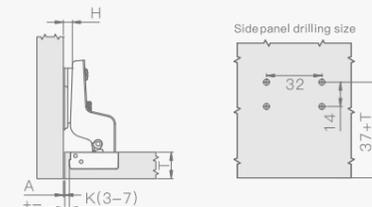


K: Hinge cup distance
T: Door thickness

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



INSET



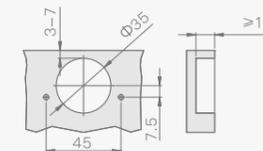
K: Hinge cup distance
T: Door thickness

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

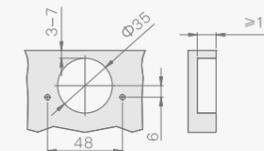


Installation of Hinge Cup

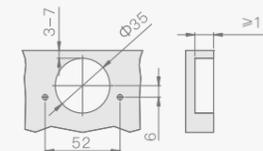
Drilling size: 45mm



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

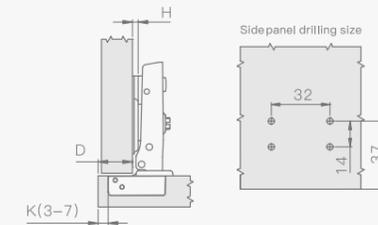
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

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

Installation & Overlay Calculation

FULL OVERLAY



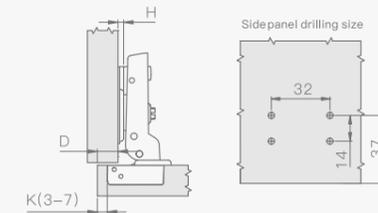
K: Hinge cup distance
T: Door thickness

Hinge cup Distance K	Door panel cover D								
	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



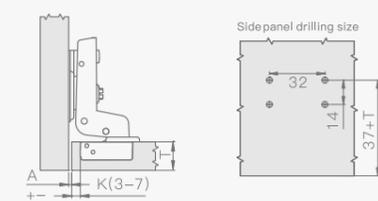
K: Hinge cup distance
T: Door thickness

Hinge cup Distance K	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

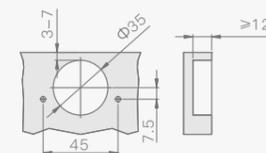
Hinge cup Distance K	Door panel cover A							
	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5	
7	0				4			
6		0				4		
5			0				4	
4				0				4
3					0			

Base Height H

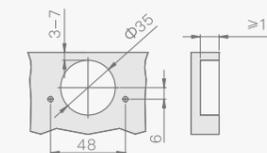


Installation of Hinge Cup

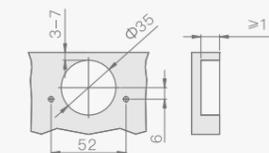
Drilling size: 45mm



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

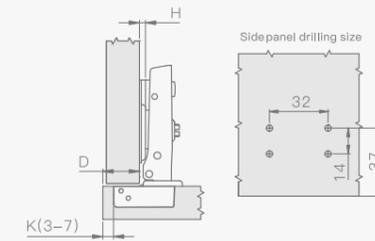
	Name	Trademark		Name	Trademark
	arm cover	custom-made		cup cover	no

Screw

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

Installation & Overlay Calculation

FULL OVERLAY



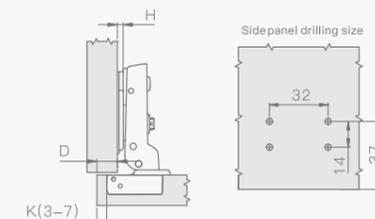
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	Door panel cover D									
	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



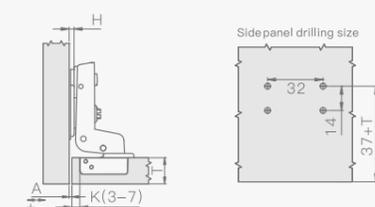
K:Hinge cup distance
T:Door thickness

Hinge cup Distance K	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

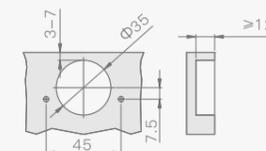
Hinge cup Distance K	Door panel cover A									
	3.5	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5	
7	-2		0		2		4			
6		-2		0		2		4		
5			-2		0		2		4	
4				-2		0		2		
3					-2		0		2	

Base Height H

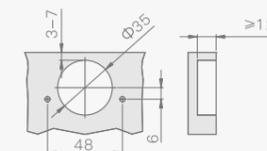


Installation of Hinge Cup

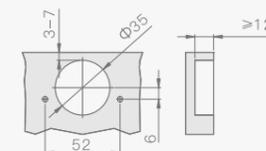
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm





Product Information

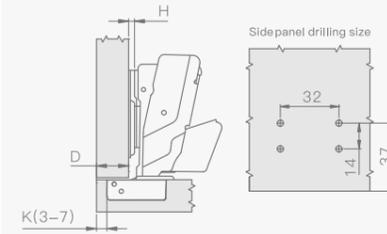
Clip-on/Fix-on/Two-way
Quality Standard: Grade 3 of EN15570
Open Angle: 165°
Range of Door Thickness: 15-24mm
Diameter of Hinge Cup: 35mm
Depth of Hinge Cup: 11.5mm
Cover Adjustment: 0-4mm
Depth Adjustment: -3.0mm/+3.0mm
Base Adjustment: -2.5mm/+2.5mm
Hinge Cup Material: cold-rolled steel with nickel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

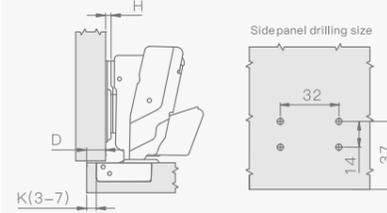


K:Hinge cup distance
T:Door thickness

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



HALF OVERLAY

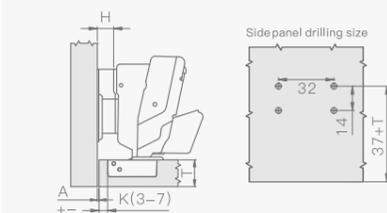


K:Hinge cup distance
T:Door thickness

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



INSET



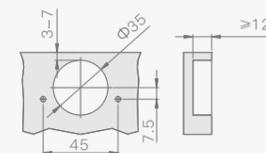
K:Hinge cup distance
T:Door thickness

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

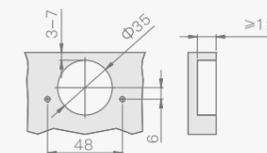


Installation of Hinge Cup

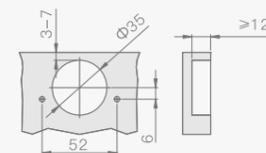
Drilling size:45mm



Drilling size:48mm



Drilling size:52mm



165B

All Round Hinge



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

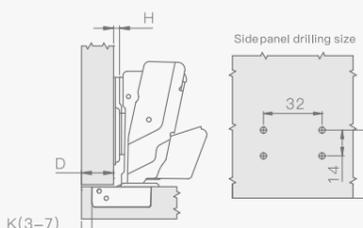
	Name	Size		Name	Size
	wood screw	M4x14/16mm		M10 dowel	Φ10x12mm
	Euro Screw	Φ6.3x12/14/16mm		M8 dowel	Φ8x12mm

165B

All Round Hinge

Installation & Overlay Calculation

FULL OVERLAY



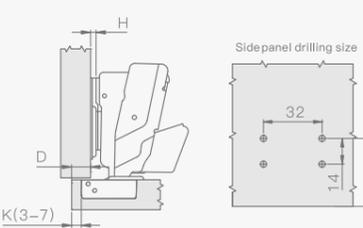
K: Hinge cup distance
T: Door thickness

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

Base Height H



HALF OVERLAY



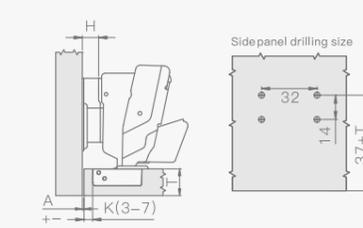
K: Hinge cup distance
T: Door thickness

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

Base Height H



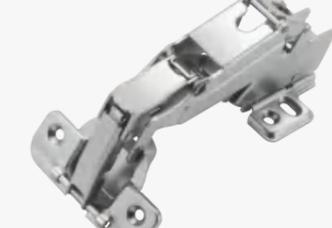
INSET



K: Hinge cup distance
T: Door thickness

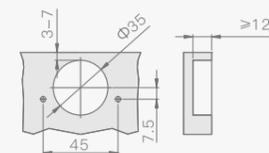
Hinge cup Distance K	Door panel cover A					
	4	3	2	1	0	-1
7	0	0				
6			0			
5				0		
4					0	
3						0

Base Height H

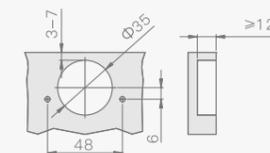


Installation of Hinge Cup

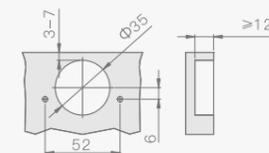
Drilling size: 45mm



Drilling size: 48mm



Drilling size: 52mm



135A

Solution For Corner Linkage



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

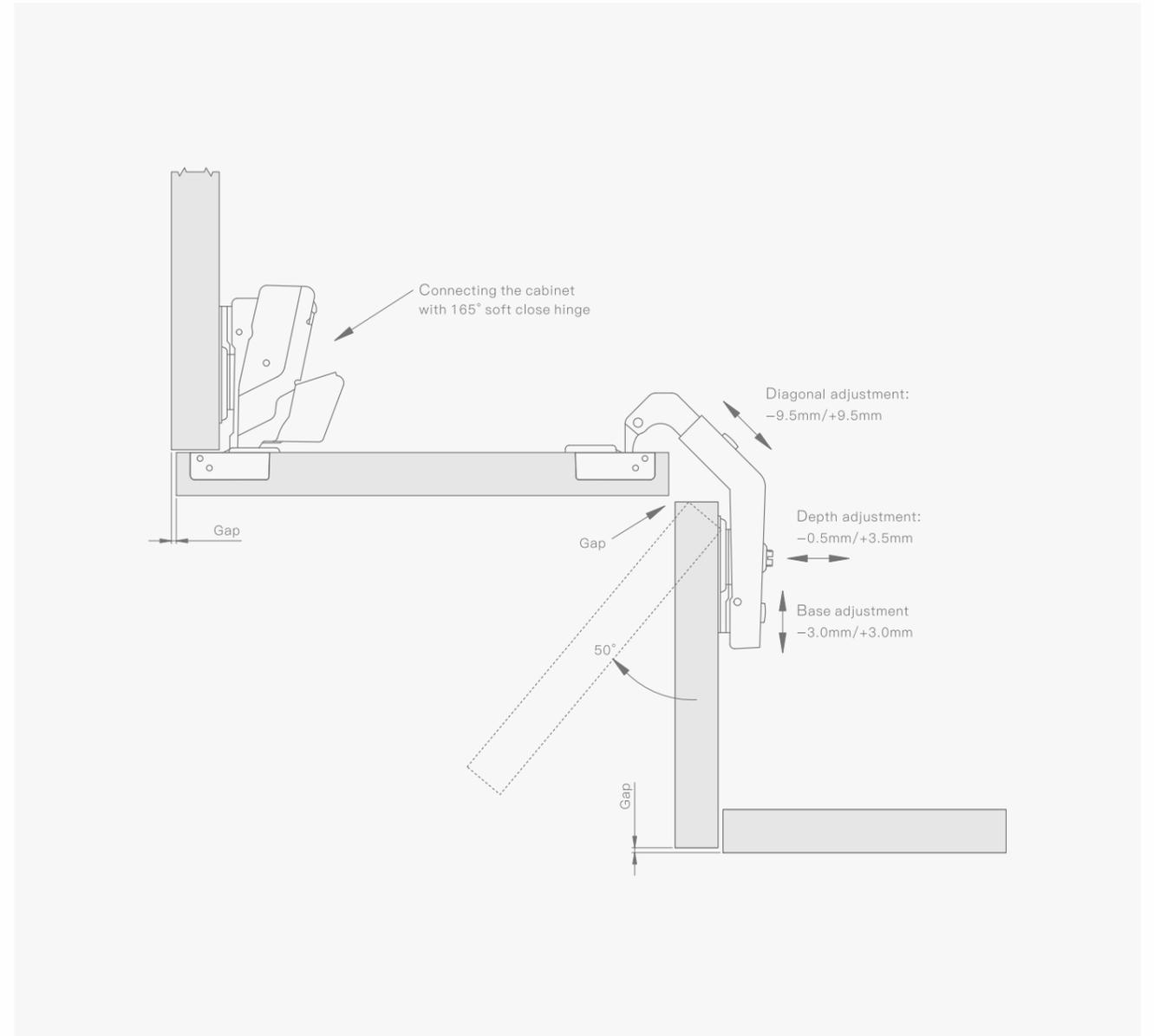
Screw

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

135A

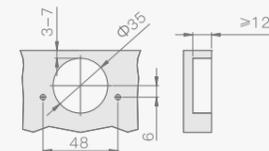
Solution For Corner Linkage

Installation & Overlay Calculation



Installation of Hinge Cup

Drilling size: 48mm





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

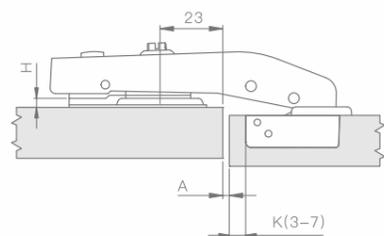
Cover

	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°

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

Base Height H

K: Hinge cup distance

45°

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

Base Height H

K: Hinge cup distance

30°

Hinge cup Distance K	Door panel cover D									
	-1.7	-0.9	0	0.3	0.9	1.1	1.7	0.3	2	2.9
3	2		0							
4		2				0				
5			2						0	
6				2						0
7							2			

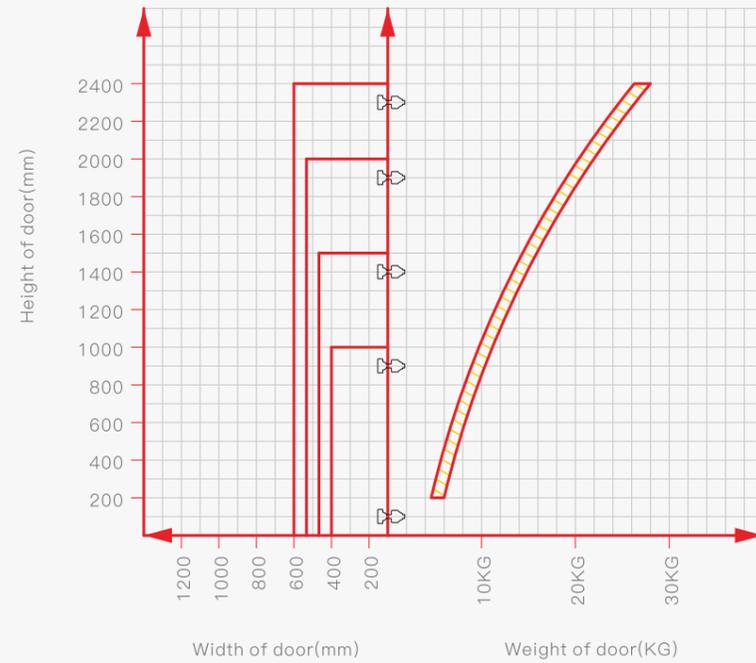
Base Height H

K: Hinge cup distance

Installation of Hinge Cup

Drilling size: 45mm	Drilling size: 48mm	Drilling size: 52mm

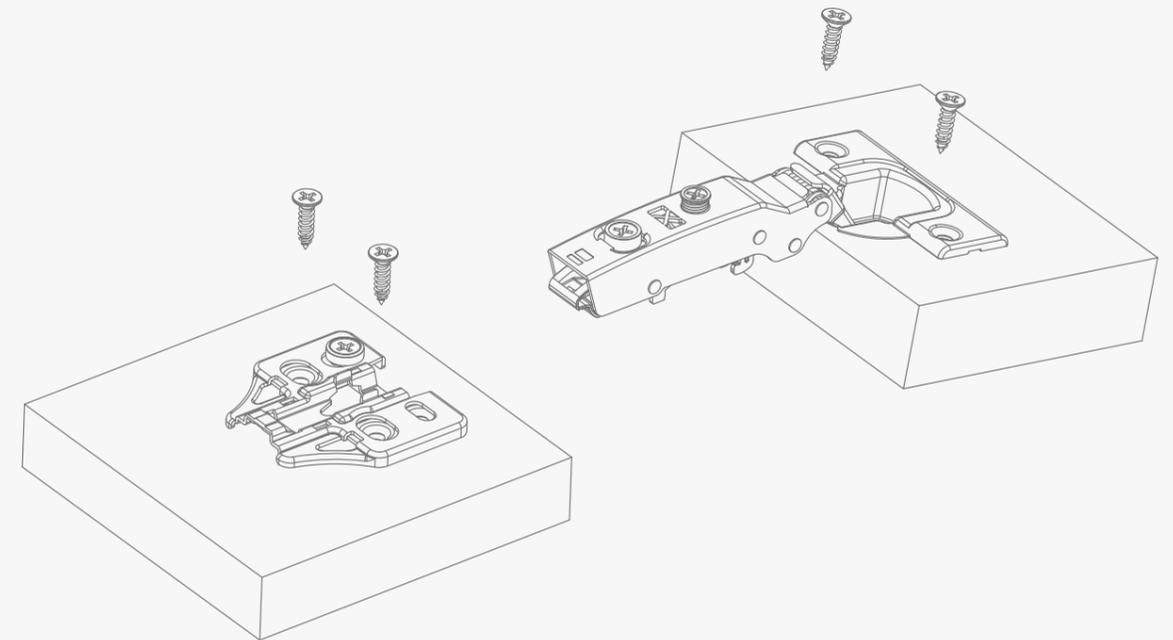
Quantity Of Hinges



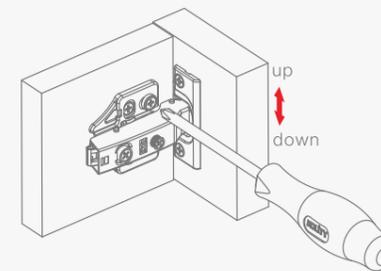
Calculation between load-bearing of hinges and weight of doors

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

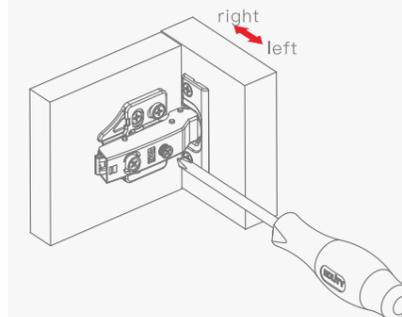
Installation And Adjustment For Hinges



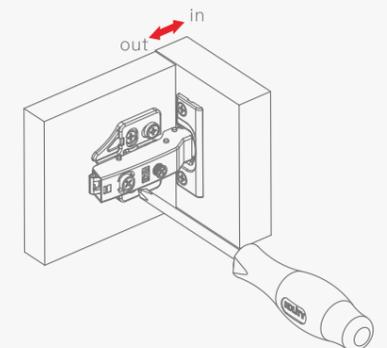
Up and down adjustment

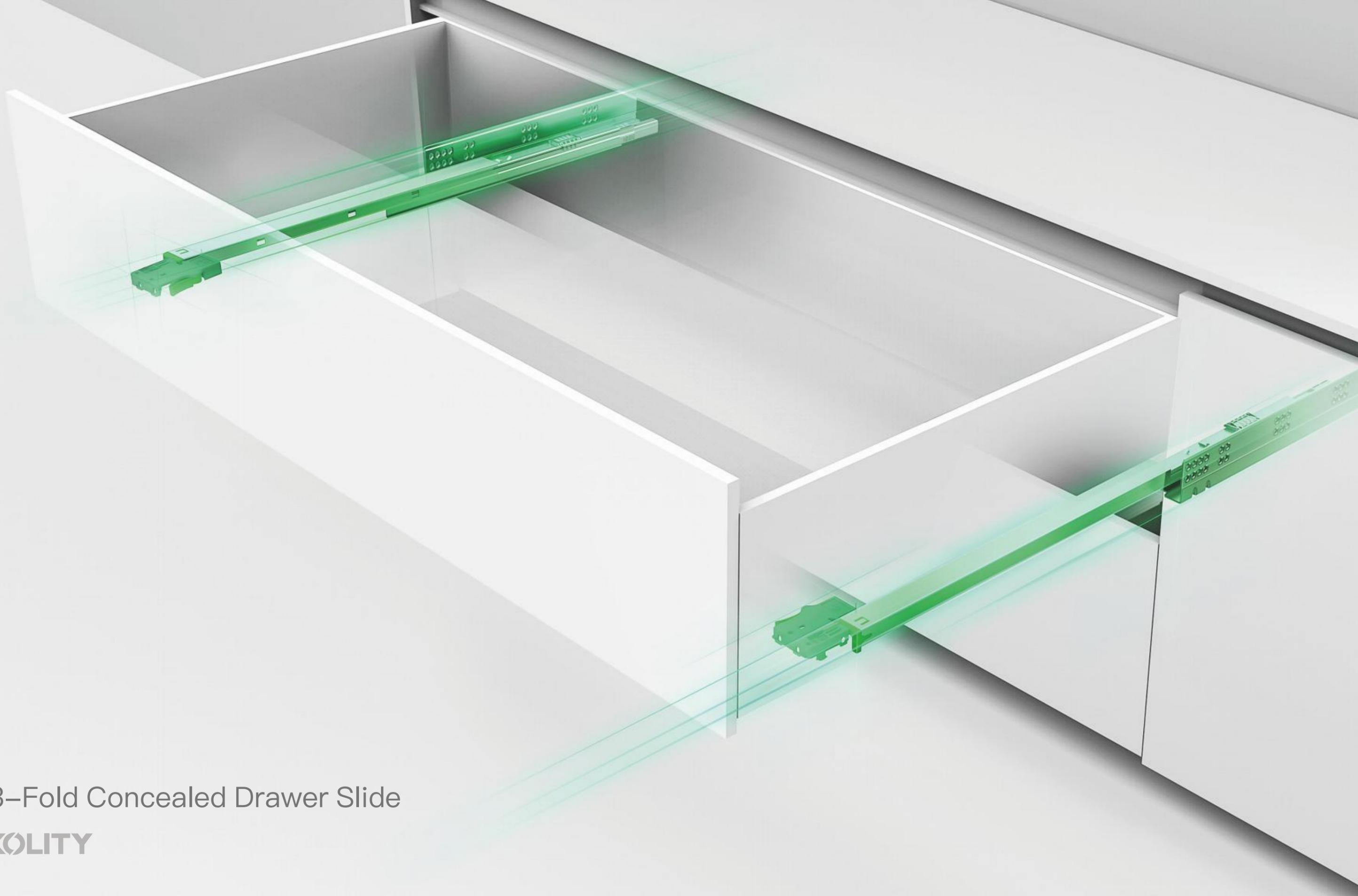


Left and right adjustment



Depth adjustment





3-Fold Concealed Drawer Slide

KOLITY

3-Fold Concealed Drawer Slide

16mm With Clip-on Handle

Product Information

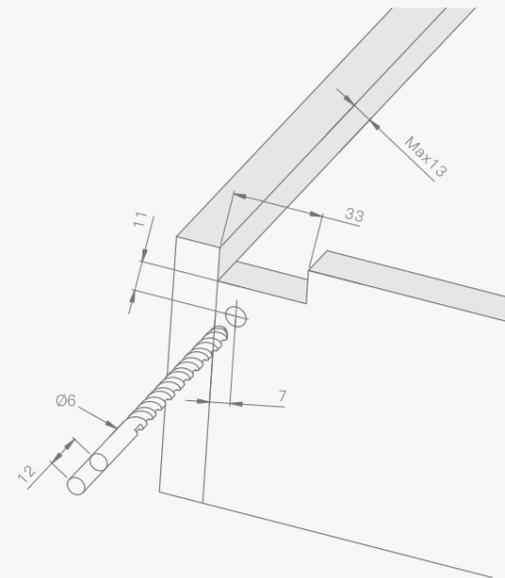
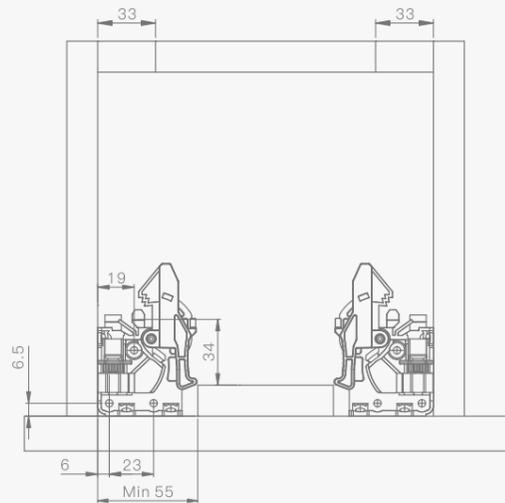
16mm 3-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤16mm
Up-Down Adjustment: 0-3mm



Fitting

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

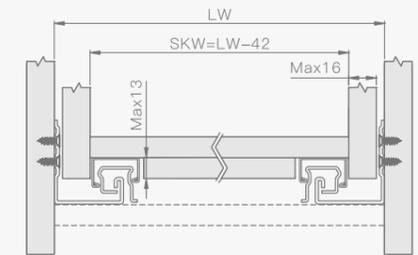
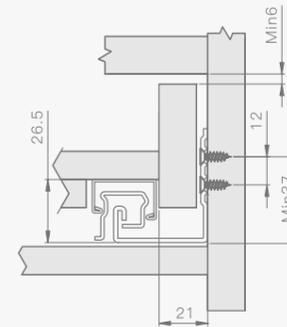
Installation Dimension For The Handle



3-Fold Concealed Drawer Slide

16mm With Clip-on Handle

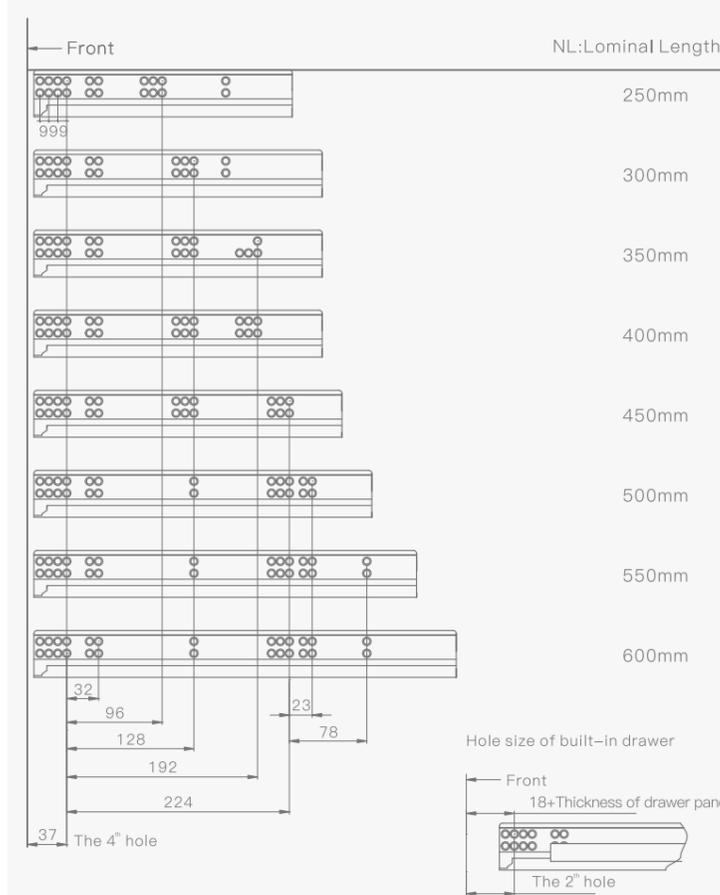
Installation Dimension Of Slide (mm)



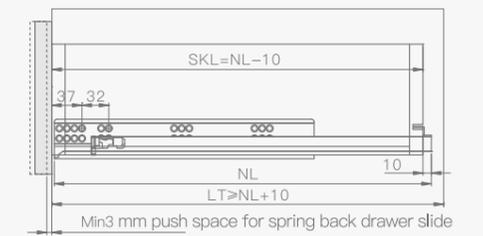
Min 2mm at the bottom

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

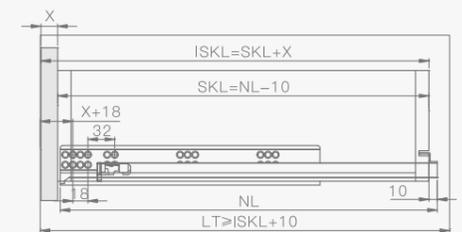
Installation Dimension For The Drawer(mm)



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

19mm With Clip-on Handle

Product Information

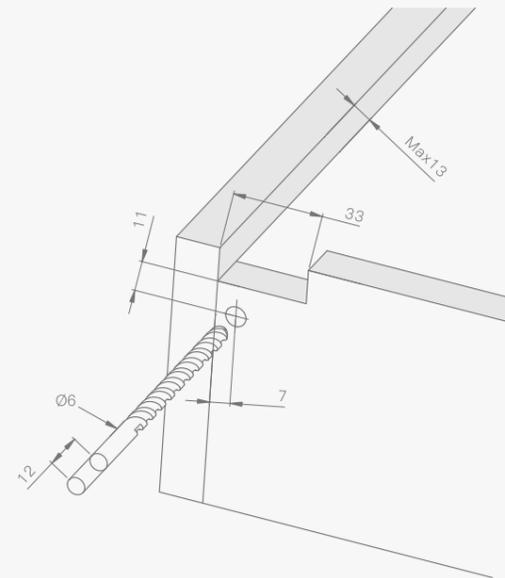
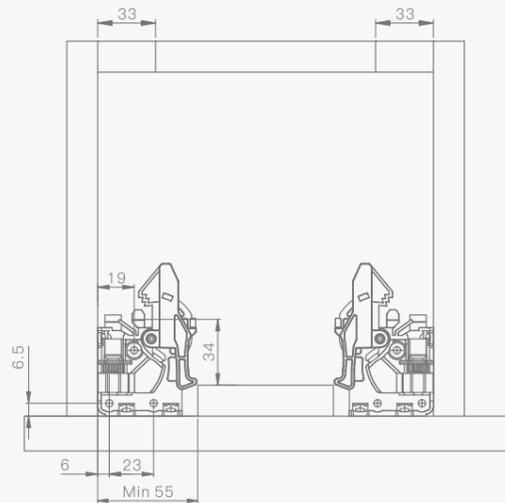
19mm 3-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤16mm
Up-Down Adjustment: 0-3mm



Fitting

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

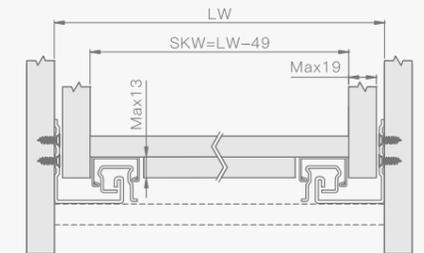
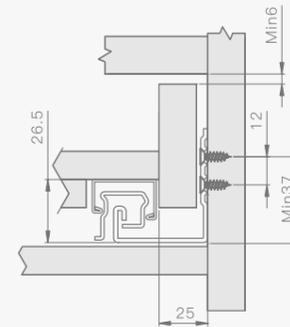
Installation Dimension For The Handle



3-Fold Concealed Drawer Slide

19mm With Clip-on Handle

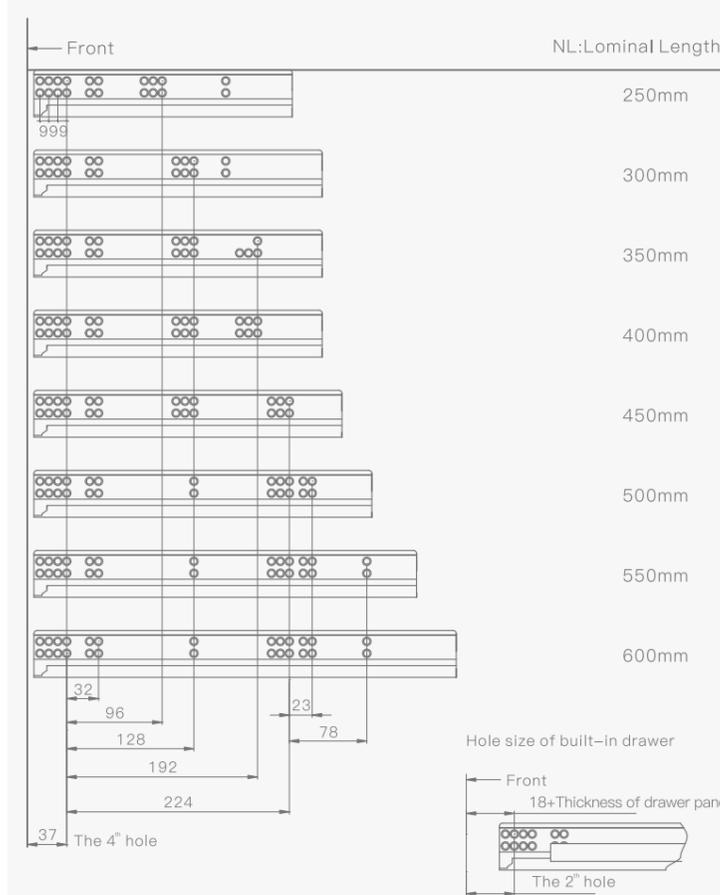
Installation Dimension Of Slide (mm)



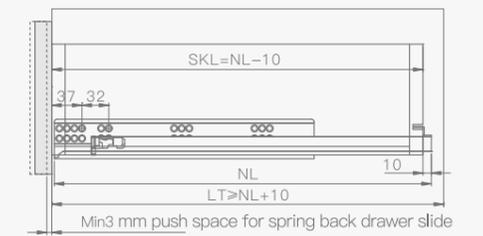
Min 2mm at the bottom

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

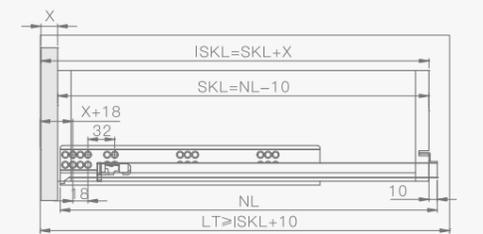
Installation Dimension For The Drawer(mm)



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

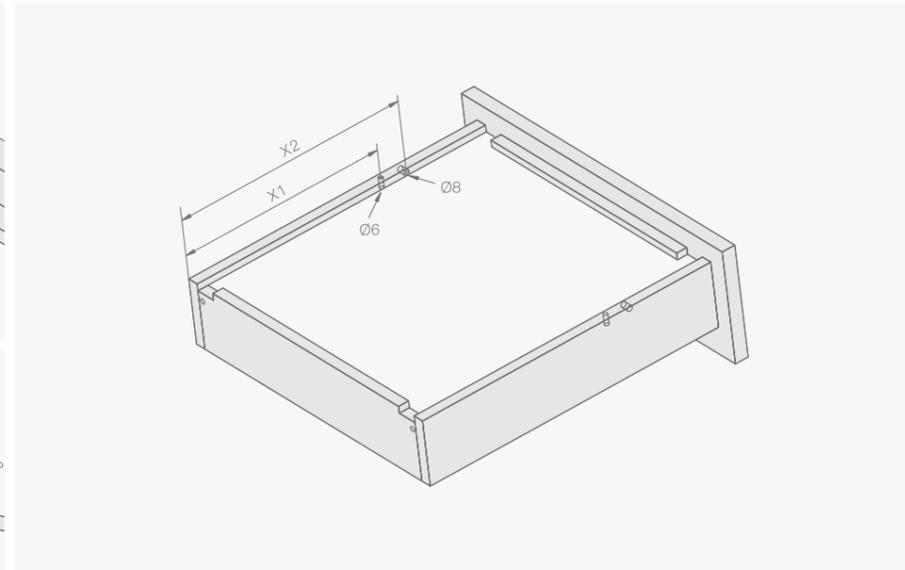
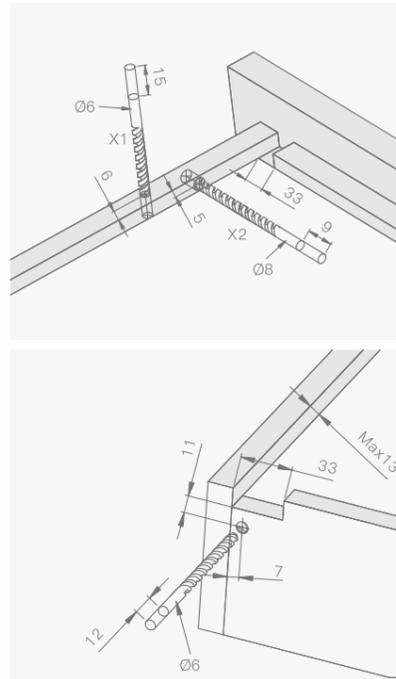
16mm 3-Fold concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤16mm
Up-Down Adjustment: 0-3mm



Fitting

	Name	Trademark
	adjustable nail	custom-made

Installation Dimension For The Adjustable Nail

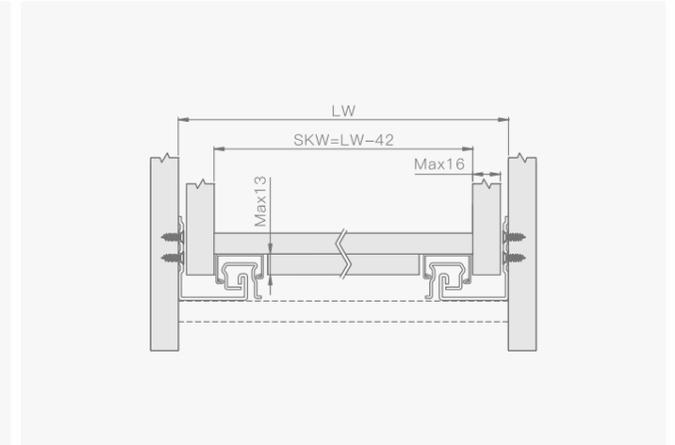
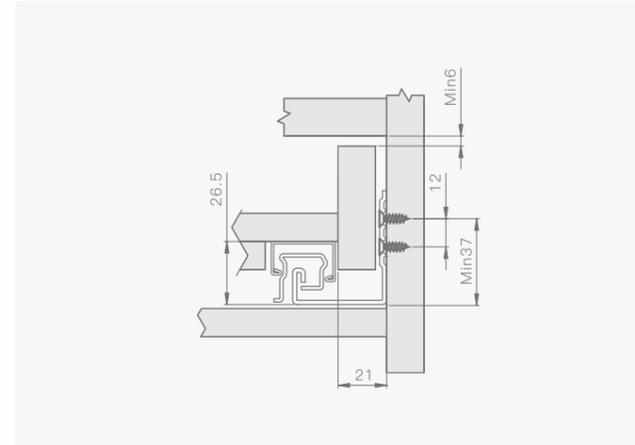


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	190	245	270	305	330	355	390	415
X2(mm)	200.5	255.5	280.5	319.5	269.5	419.5	469.5	519.5

3-Fold Concealed Drawer Slide

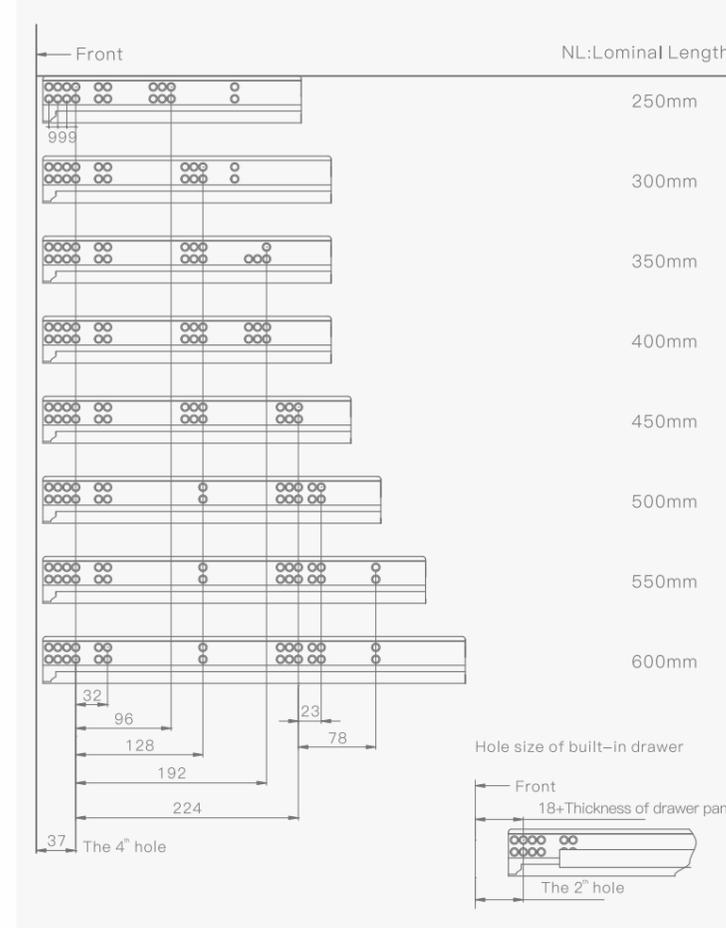
16mm With Adjustable Nail

Installation Dimension Of Slide (mm)

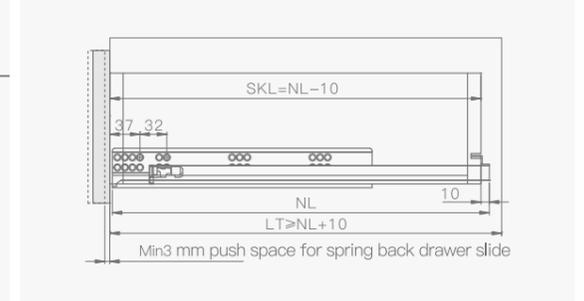


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

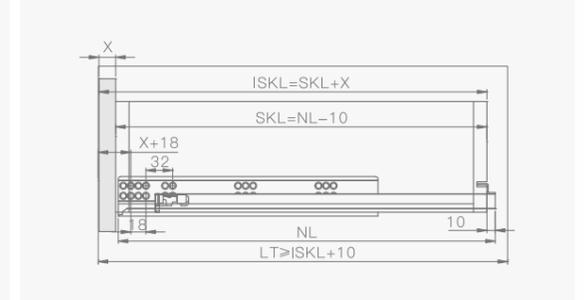
Installation Dimension For The Drawer(mm)



Installation Dimension For The Drawer(mm)



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

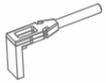
19mm With Adjustable Nail

Product Information

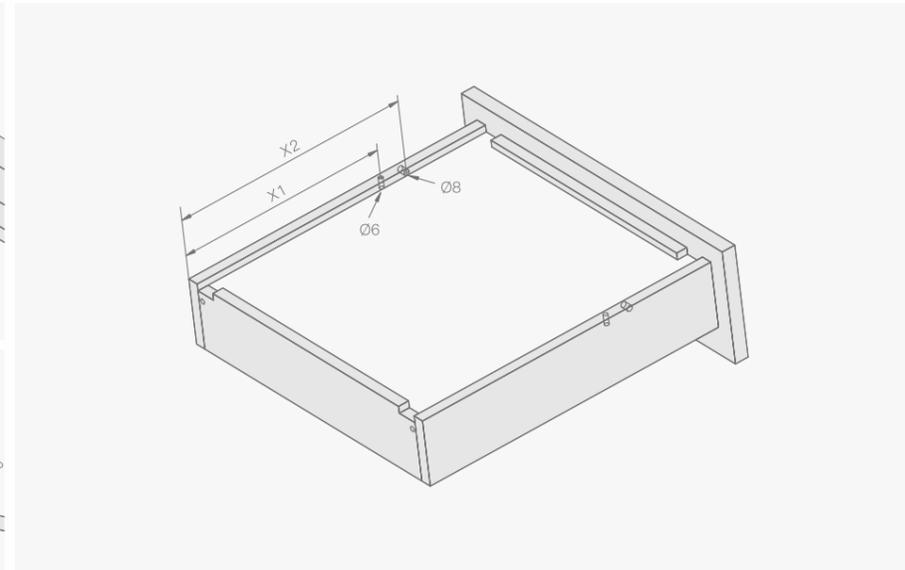
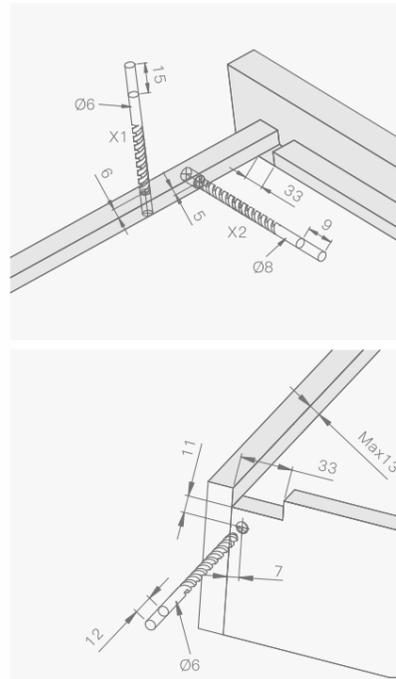
19mm 3-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤19mm
Up-Down Adjustment: 0-3mm



Fitting

	Name	Trademark
	adjustable nail	custom-made

Installation Dimension For The Adjustable Nail

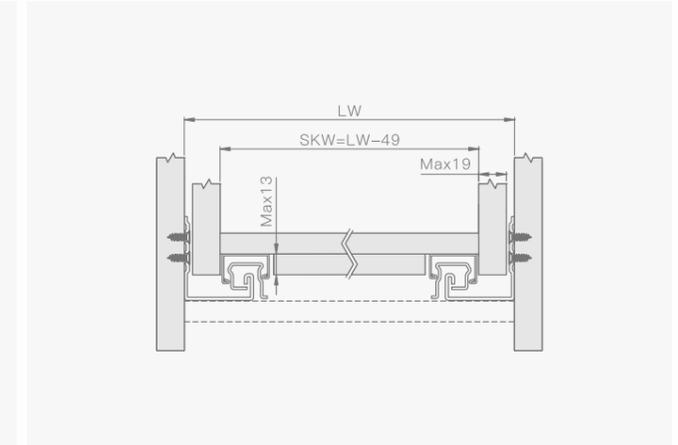
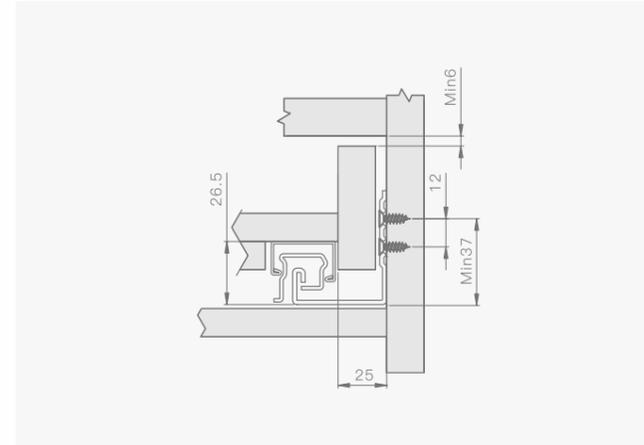


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	190	245	270	305	330	355	390	415
X2(mm)	200.5	255.5	280.5	319.5	269.5	419.5	469.5	519.5

3-Fold Concealed Drawer Slide

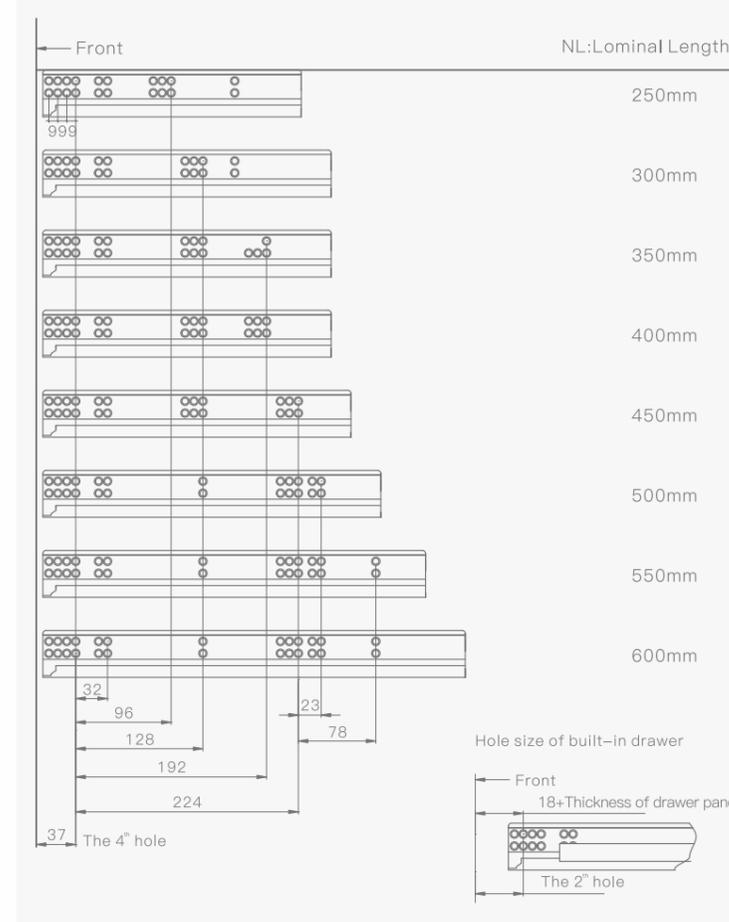
19mm With Adjustable Nail

Installation Dimension Of Slide (mm)

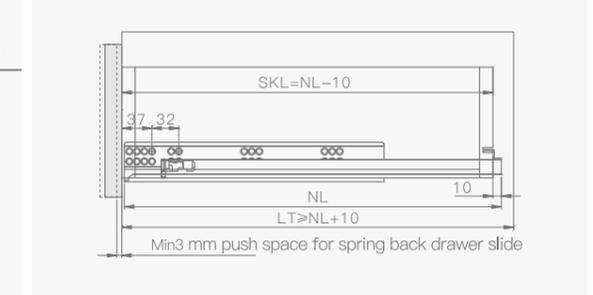


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

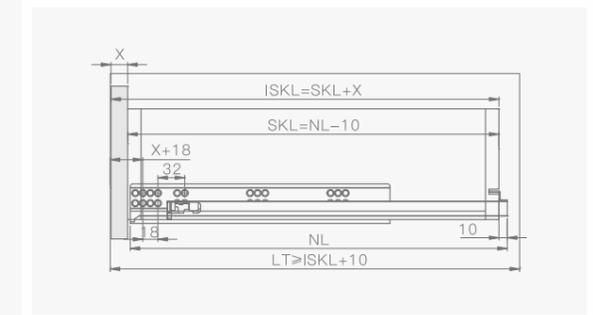
Installation Dimension For The Drawer(mm)



Installation Dimension For The Drawer(mm)



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



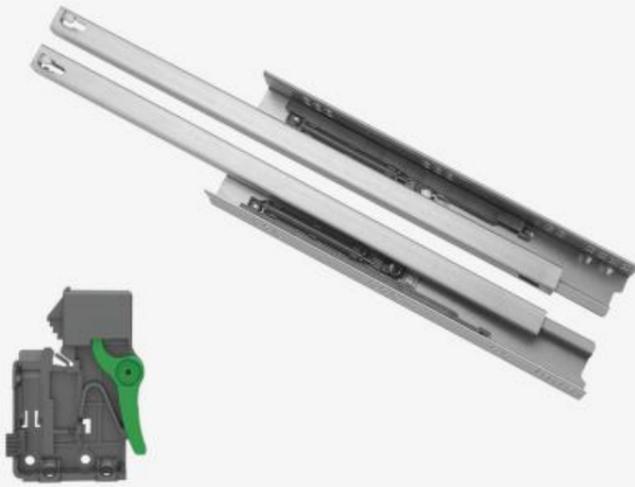
ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

2-Fold Concealed Drawer Slide

16mm With Clip-on Handle

Product Information

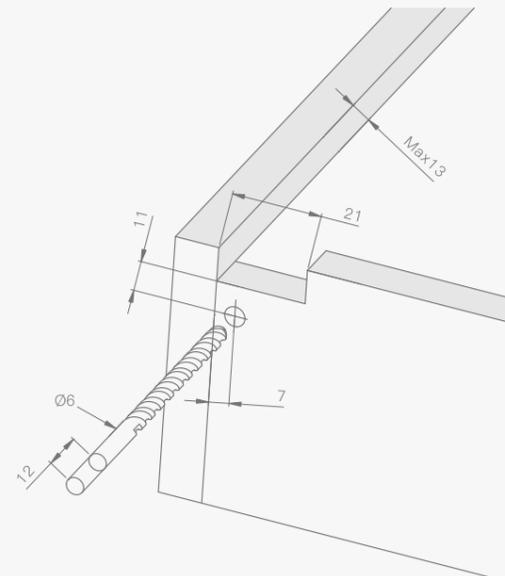
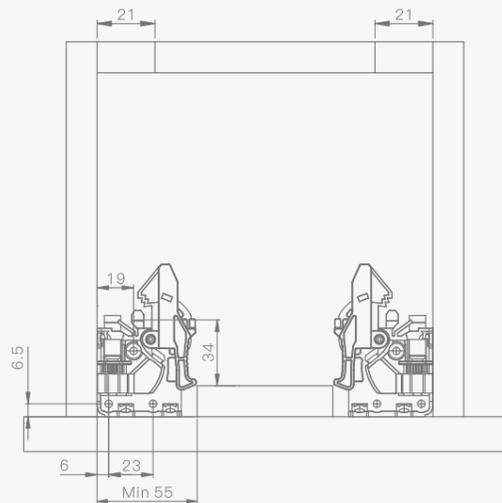
16mm 2-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤16mm
Up-Down Adjustment: 0-3mm



Fitting

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

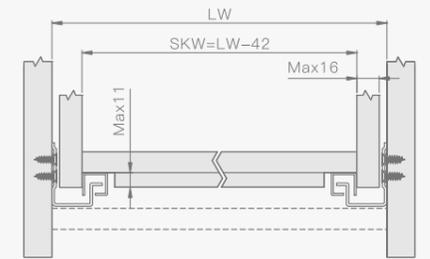
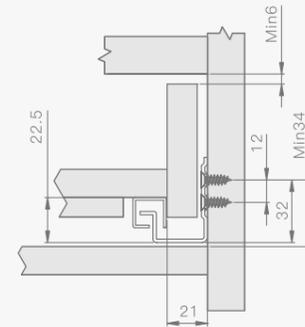
Installation Dimension For The Handle



2-Fold Concealed Drawer Slide

16mm With Clip-on Handle

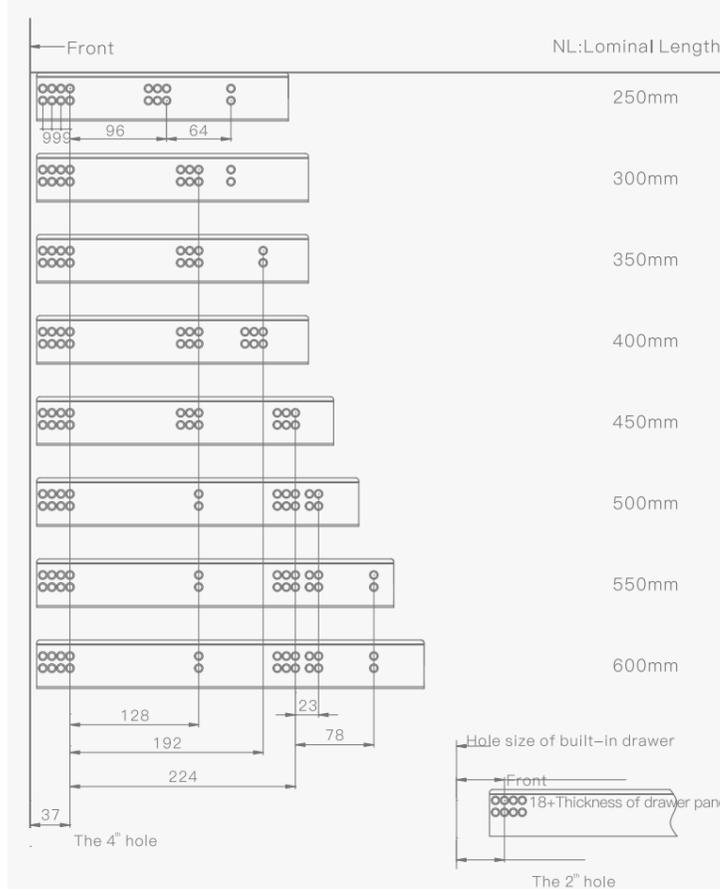
Installation Dimension Of Slide (mm)



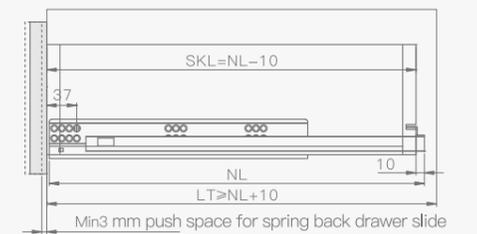
Min 2mm at the bottom

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

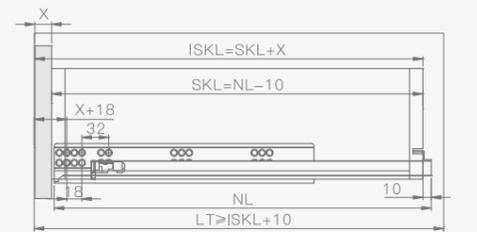
Installation Dimension For The Drawer(mm)



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

16mm With Adjustable Nail

Product Information

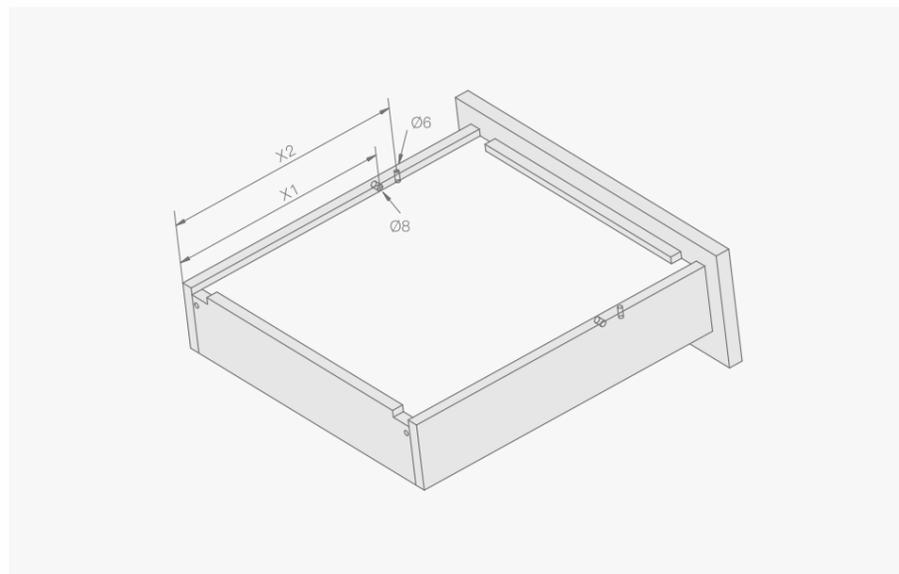
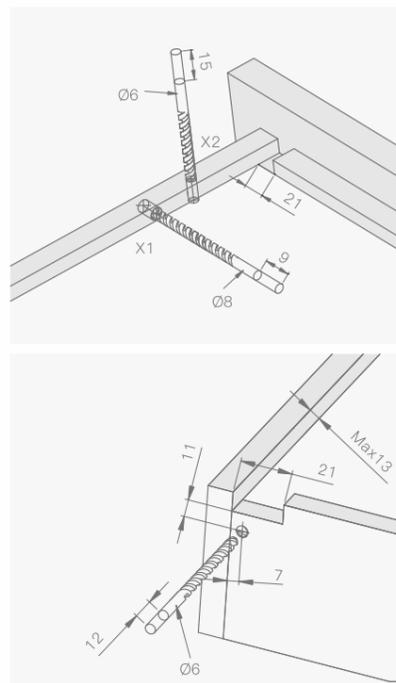
16mm 2-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤16mm
Up-Down Adjustment: 0-3mm



Fitting

	Name	Trademark
	adjustable nail	custom-made

Installation Dimension For The Adjustable Nail

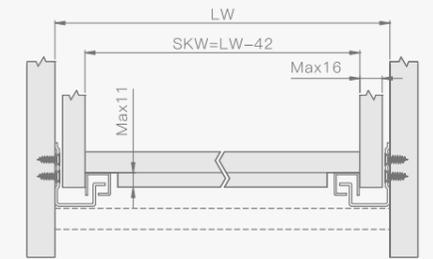
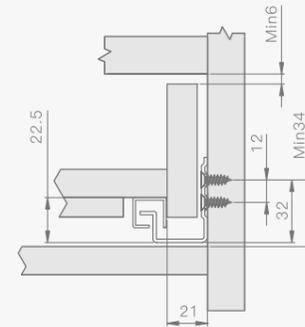


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	188	213	238	273	298	323	358	383
X2(mm)	220	245	370	305	330	355	390	415

2-Fold Concealed Drawer Slide

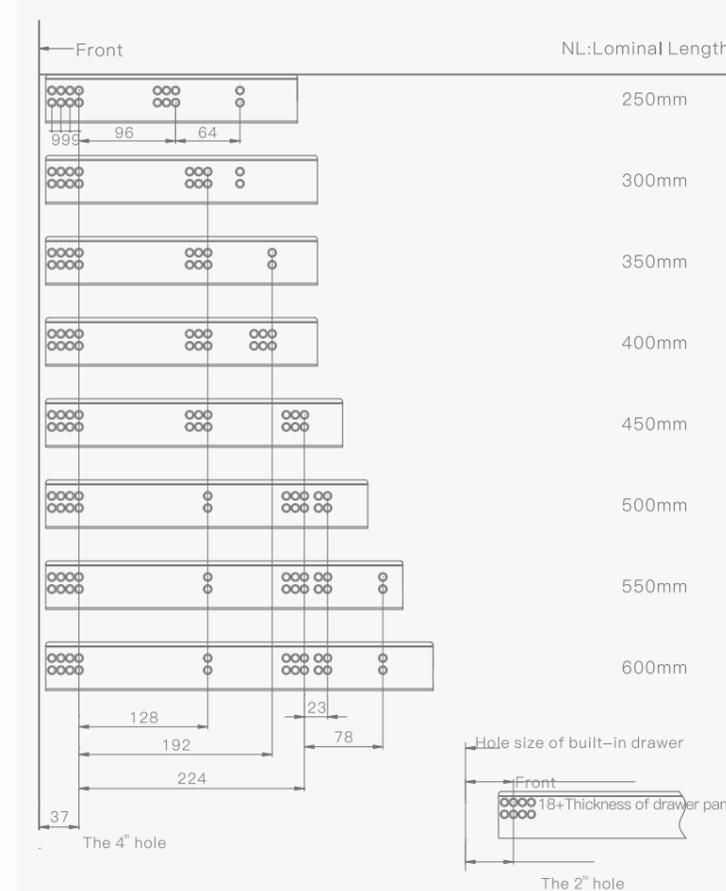
16mm With Adjustable Nail

Installation Dimension Of Slide Rail(mm)

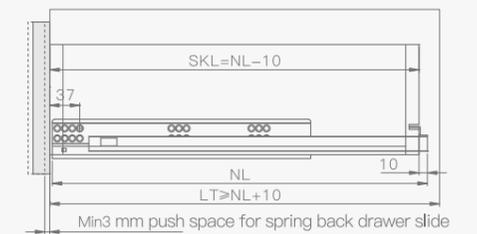


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

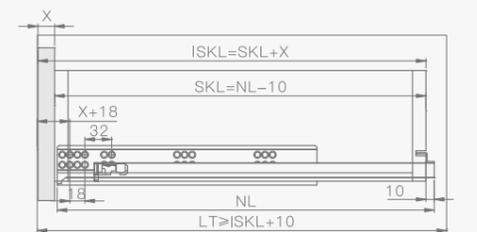
Installation Dimension For The Drawer(mm)



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

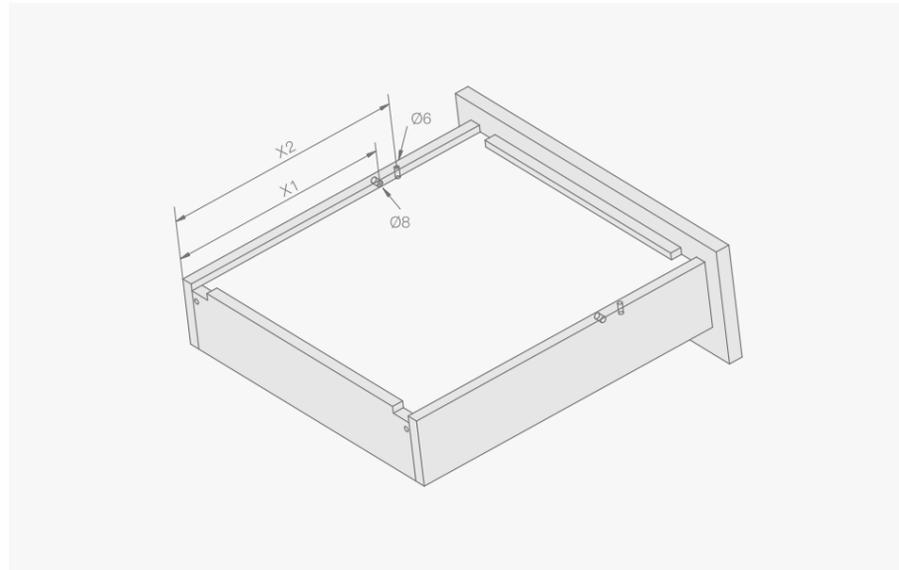
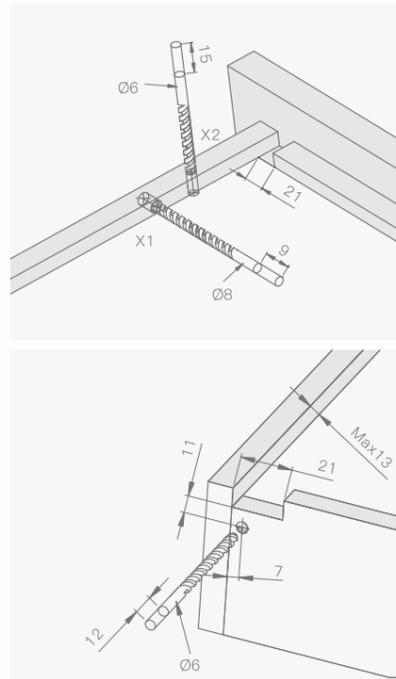
19mm 2-Fold Concealed Drawer Slide
Function: Full extension
Finish: Zinc Plated
Length: 250-600mm
Panel Size Arrange: ≤19mm
Up-Down Adjustment: 0-3mm



Fitting

	Name	Trademark
	adjustable nail	custom-made

Installation Dimension For The Adjustable Nail

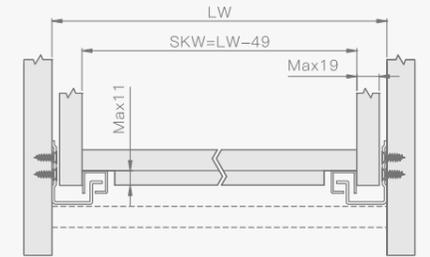
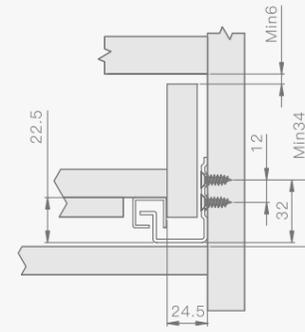


NL(mm)	250	300	350	400	450	500	550	600
X1(mm)	188	213	238	273	298	323	358	383
X2(mm)	220	245	370	305	330	355	490	415

2-Fold Concealed Drawer Slide

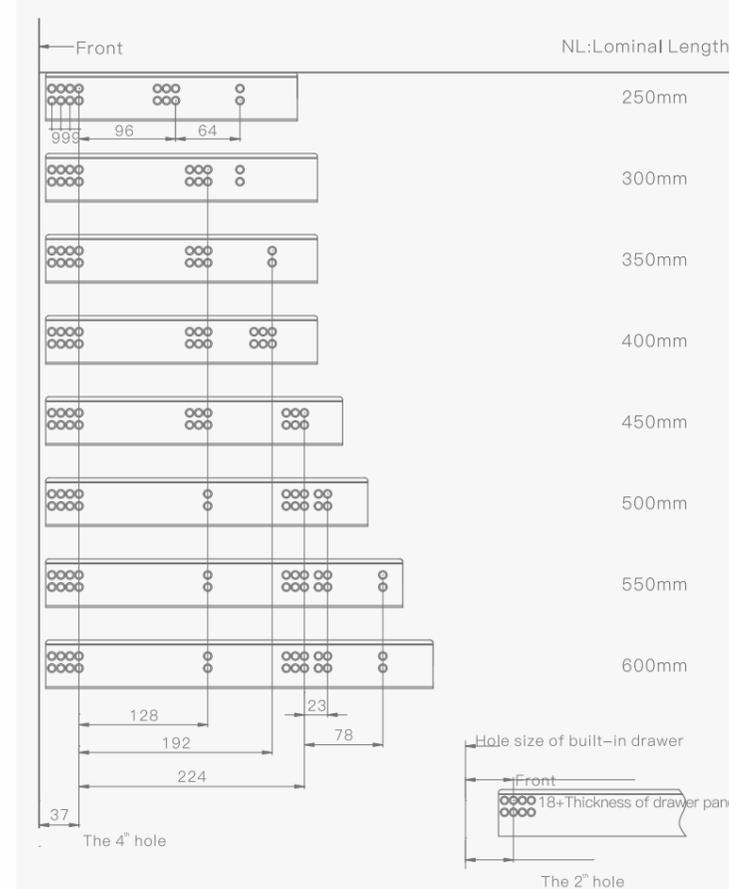
19mm With Adjustable Nail

Installation Dimension Of Slide Rail(mm)

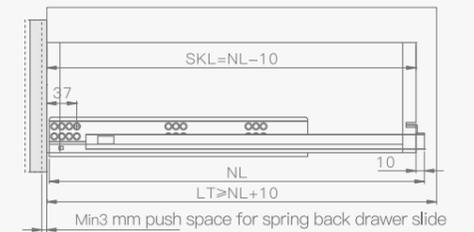


Min 2mm at the bottom	SKW	Net width of the drawer
	LW	Net width of the cabinet

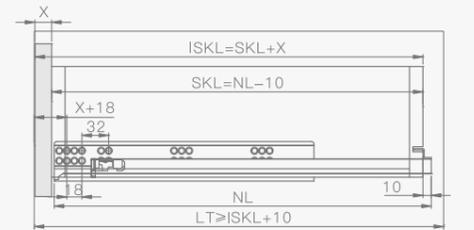
Installation Dimension For The Drawer(mm)



Installation Dimension For The Drawer(mm)

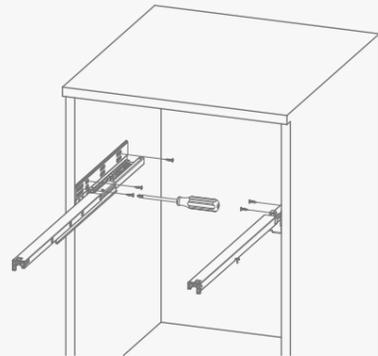


SKL	Length of drawer
NL	Nominal length
LT	Net internal depth of cabinet
	Min 3 mm push space for spring back drawer slide

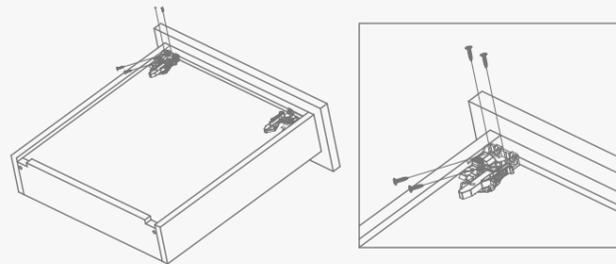


ISKL	Length of internal drawer
SKL	Length of drawer
NL	Nominal length
X	Thickness of drawer panel
LT	Net internal depth of cabinet

Installation

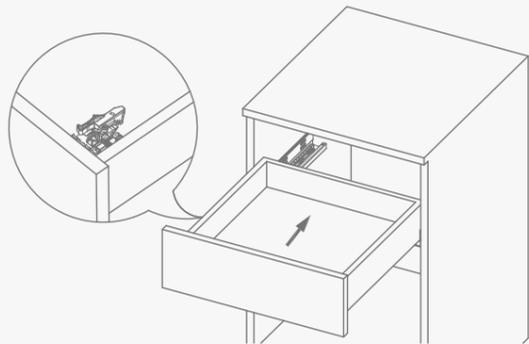


Install the slide with a screwdriver.

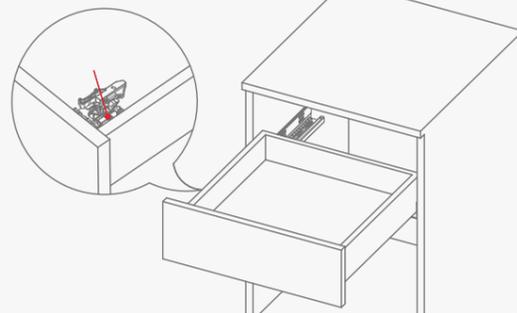


Install the handle with a screwdriver.

Installation

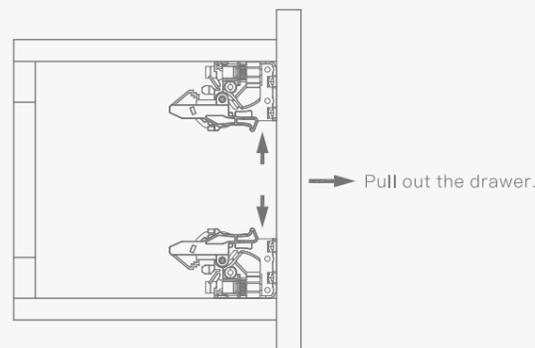


Put the drawer on the slide and then push.

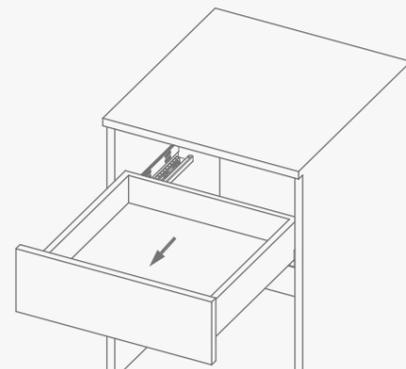


Adjust the nut to the suitable position. The adjustment arrange is 0-3mm.

Removal

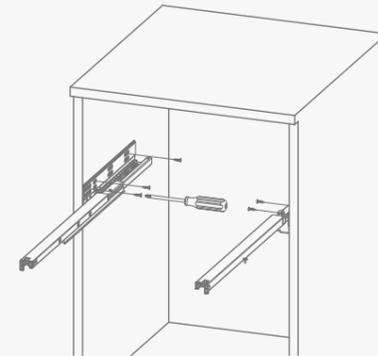


Clip on the handle and pull out.

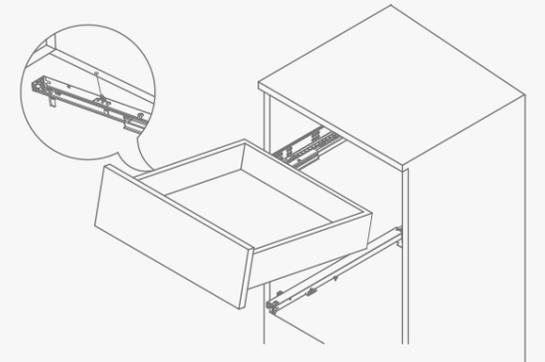


Pull out the drawer.

Installation

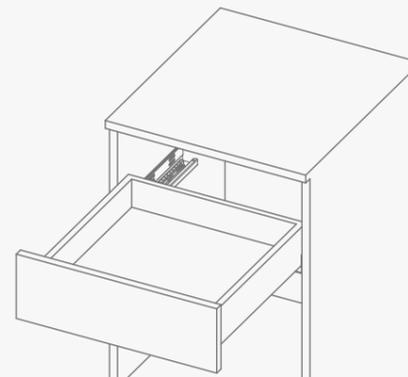


Install the slide with a screwdriver.

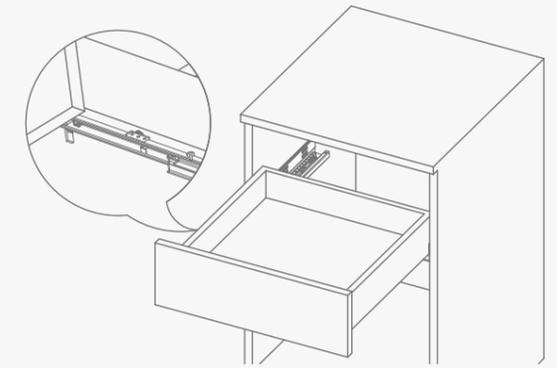


Pull out the rail and put the drawer on the slide, then clip into the appropriate hole.

Installation

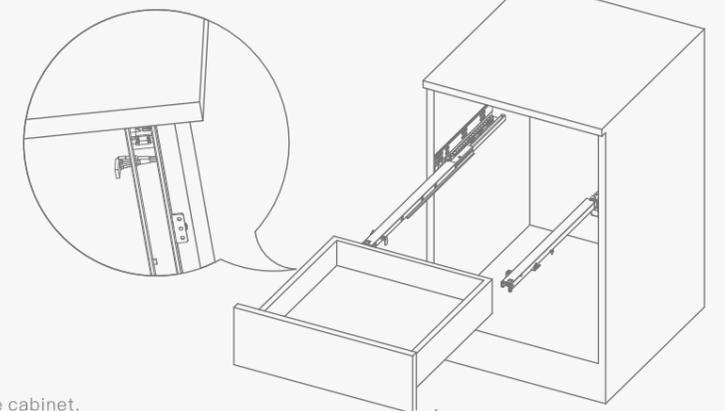


Fix the drawer and push, then make the adjustment. The adjustment arrange is 0-4mm.



Press the nails to the appropriate hole.

Removal



Pull out the nails, then lift the drawer and pull it out of the cabinet.

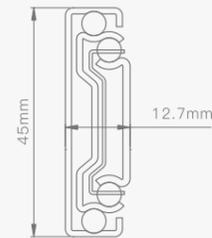


3-Fold Ball Bearing Slide

KOLITY



Product Dimension



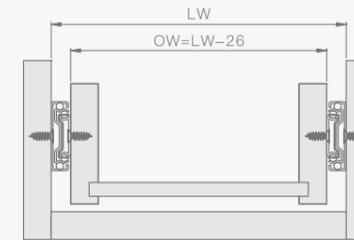
Product Information

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

Screw

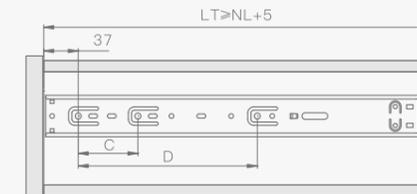
	Name	Size
	wood screw	M4x14/16mm
	Euro screw	Φ6.3x12/14/16mm

Installation Dimension



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

Installation Dimension For The Drawer(mm)

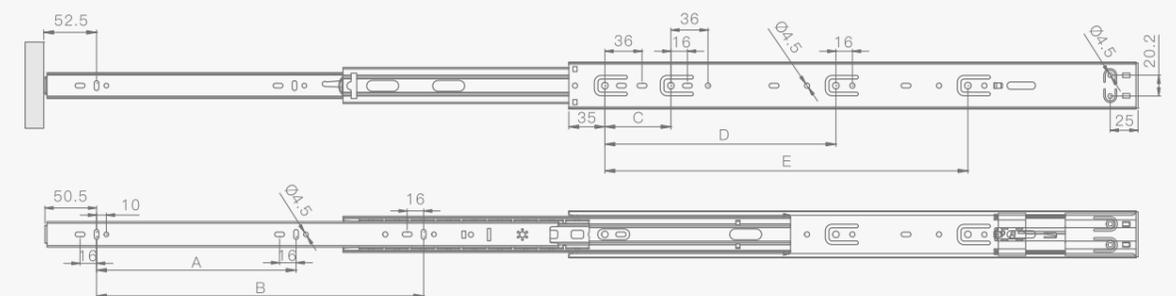


LT	Nominal length
NL	Net internal depth of cabinet



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

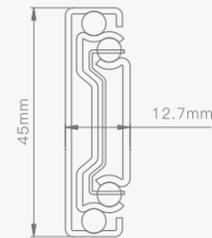
Installation Dimension For The Drawer(mm)



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



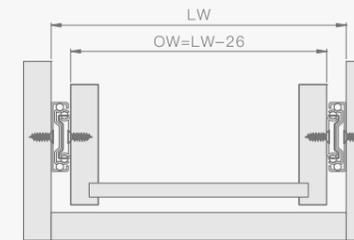
Product Information

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

Screw

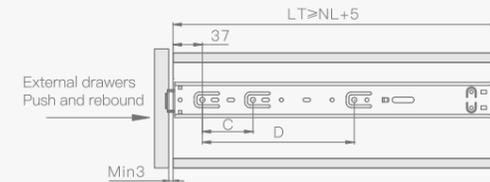
	Name	Size
	wood screw	M4x14/16mm
	Euro screw	Φ6.3x12/14/16mm

Installation Dimension

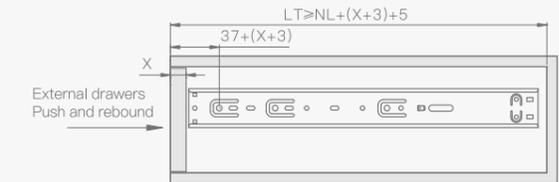


OW	Outer width of the drawer
LW	Net width of the cabinet

Installation Dimension For The Drawer(mm)

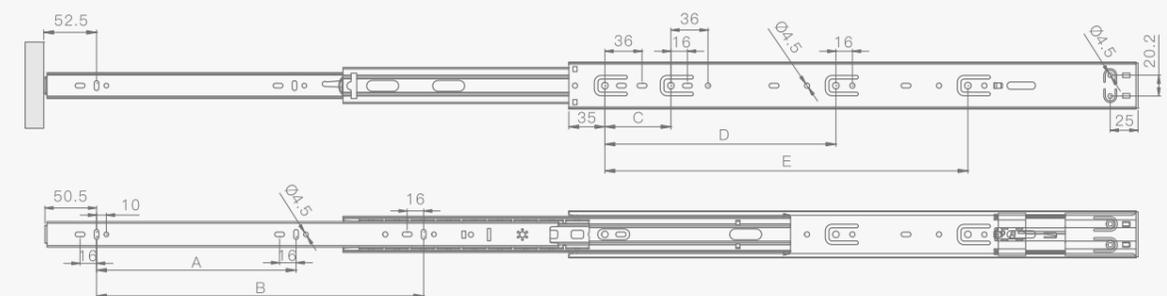


LT	Nominal length	
NL	Net internal depth of cabinet	



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

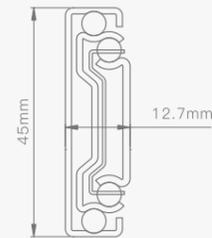
Installation Dimension For The Drawer(mm)



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



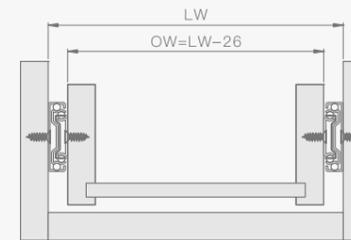
Screw

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

Product Information

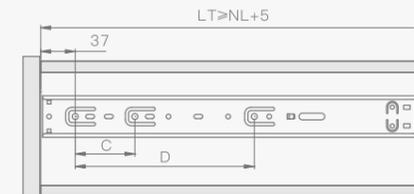
45mm 3-Fold Ball Bearing Slide
Function: Full extension
Finish: Zinc Plated, Blue Passivation, Epoxy Black
Length: 250-600mm
Loading Capacitor: 35-45kg
Thickness: 1.0x1.0x1.2/1.2x1.2x1.4

Installation Dimension



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

Installation Dimension For The Drawer(mm)

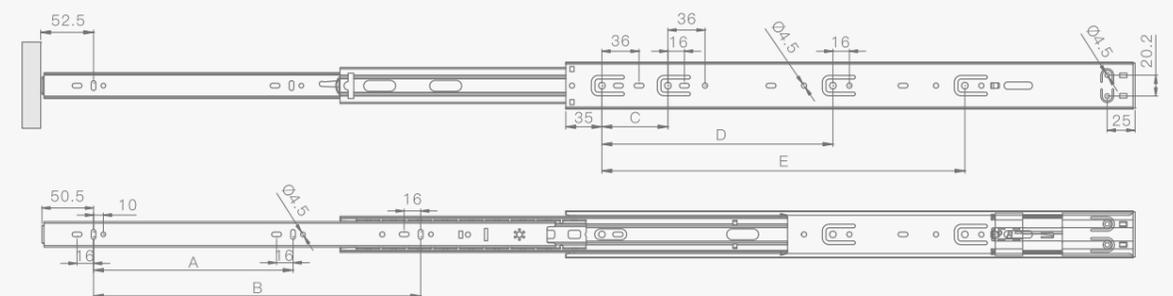


LT	Nominal length
NL	Net internal depth of cabinet



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.

