



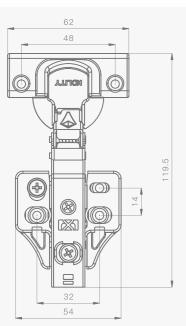
K5-3-H

Clip on 3D Hydraulic Hinge Solution For Opening And Closing Of Entry Lux Furniture



Black Warrior

K5-3-H



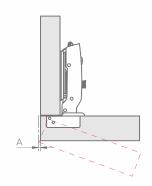
Product Information 3D/Clip-on/Fix-on/Two-way/One-way Quality Standard: Grade 3 of EN15570 Range of Door Thickness:15–25mm Open Angle:103°-105° Soft close at: <10° Diameter of Hinge Cup: 35mm Depth of Hinge Cup: 12mm Cover Adjustment: 0-5mm Depth Adjustment: 3D -2.5mm/+2.5mm Normal -3.5mm/+3.5mm Base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

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

Screw

	Name	Size	Name	Size
Tanna	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

Installation of Hinge Cup



		16		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

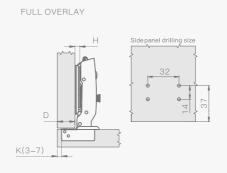
K5-3-H

Black Warrior

Hinge Series

KOLITY

Installation & Overlay Calculation



0							Do	or p	anel	COV	er D
				18	19	20	21	22			
Ξ				0							
ige cı	4				0						
Hinge cup Distance K	5					0					
stanc	6						0				
Φ 	7							0			
		Bas	Base Height H								



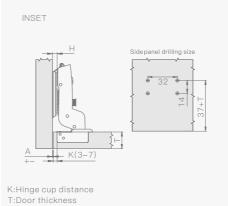
K:Hinge cup distance T:Door thickness HALF OVERLAY

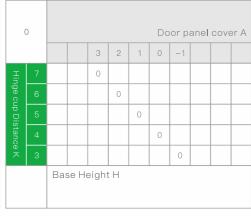
K:Hinge cup distance T:Door thickness



()						Do	or p	anel	COVE	er D
				10	11	12	13	14			
Ξ				0							
ige ci	4				0						
ъ Di	5					0					
Hinge cup Distance K	6						0				
Φ 	7							0			
		Bas	se He	eight	Н						

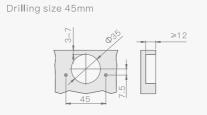


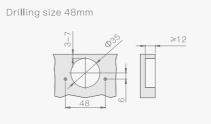


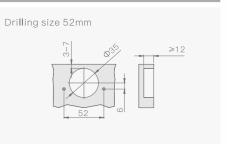




Installation of Hinge Cup







08



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:

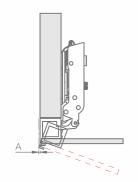
1.2mm cold-rolled steel with black nickle plated

Cover

Name	Trademark
arm cover	custom-made

	Name	Size	Name	Size
\tag{\text{mm}}	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

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

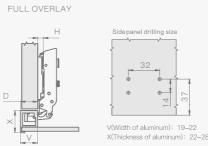
K6-2-V1-LKH

Hinge For Thick Aluminum Frame Door V1 Type

KOLITY

Hinge Series

Installation & Overlay Calculation





Door panel cover D 15 16 17 18 19 20 21 22 Base Height H



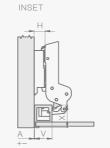


K:Hinge cup distance T:Door thickness









K:Hinge cup distance T:Door thickness

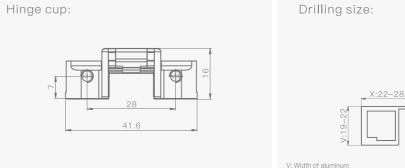
K:Hinge cup distance T:Door thickness

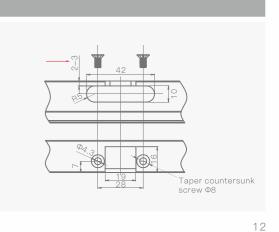






Installation of Hinge Cup





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

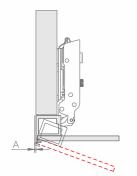
Name	Trademark
arm cover	custom-made

55.5

Screw

	Name	Size	Name	Size
\tag{\text{mm}}	wood screw	M4×14/16mm	M10 dowel	Ф10×12mn
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

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

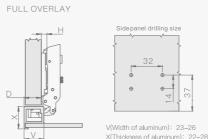
K6-2-V2-LKH

Hinge For Thick Aluminum Frame Door V2 Type

KOLITY

Hinge Series

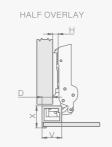
Installation & Overlay Calculation











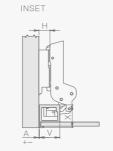
K:Hinge cup distance T:Door thickness

K:Hinge cup distance T:Door thickness





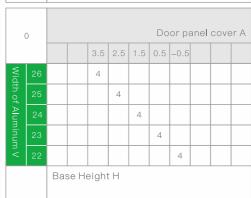




K:Hinge cup distance T:Door thickness

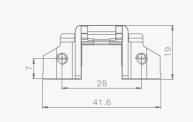
Hinge cup:







Installation of Hinge Cup



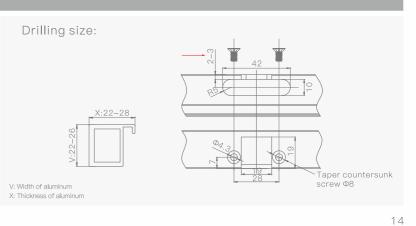
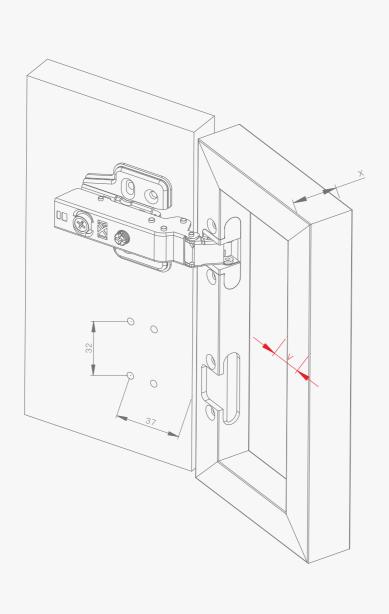


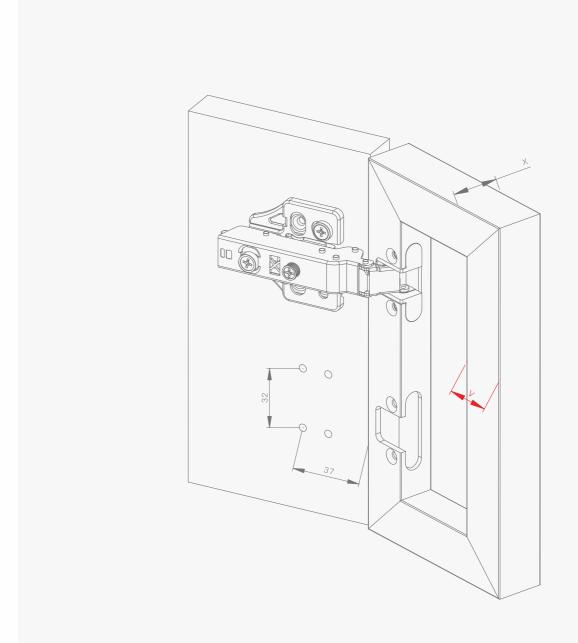
Diagram For Aluminum Range Of V1 Type



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

Range of Aluminum Thickness(X): 22–28mm

Diagram For Aluminum Range Of V2 Type



Range of Aluminum Width(V): 23–26mm

Range of Aluminum Thickness(X): 22-28mm

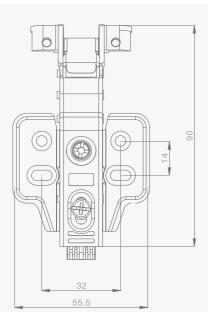


K5-2-LKH Hinge For 20 Aluminum Frame Door



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:

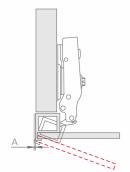
1.2mm cold-rolled steel with black nickle plated

Cover

Name	Trademark
arm cover	custom-made

	Name	Size	Name	Size
\tag{\tag{w}}	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Φ8×12mm

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

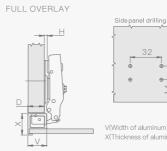
Door panel cover D

Hinge For 20 Aluminum Frame Door

KOLITY

Hinge Series

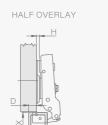
Installation & Overlay Calculation





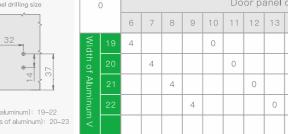
Door panel cover D 14.5 15.5 16.5 17.5 18.5 19.5 20.5 21.5 Base Height H





K:Hinge cup distance T:Door thickness





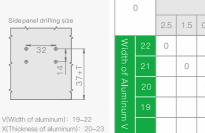




K:Hinge cup distance T:Door thickness

INSET



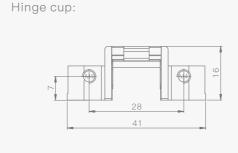


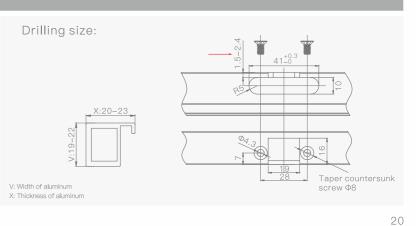
()		Door panel cover A								
		2.5 1.5 0.5 -0.5 -1.5 -2.5 -3.5 -4.5					-4.5				
Wid	22	0				4					
th of	21		0				4				
<u>Al</u> un	20			0				4			
Width of Aluminum V	19				0				4		
n <											
		Bas	se H	eigh	t H						

Base Height H



Installation of Hinge Cup







K5-3
Gorgeous | Soft Close At Small Angle | Two-way Soft Closing



K5-3

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

S

K5-3

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

Hinge Series

KOLITY

62 48 48 32 54

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

Base Adjustment: -2.5mm/+2.5mm	
Hinge Cup Material: 0.7mm cold-rolled steel with nickle platin	g
Hinge Arm Material: 1.0mm cold-rolled steel with nickle platin	g
Hinge Plate Material: 1.0mm cold-rolled steel with nickle plati	ng

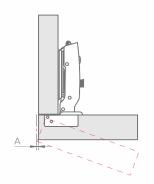
Cover

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

Screw

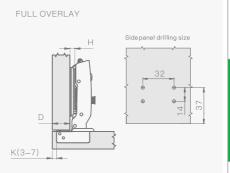
Name	Size	Name	Size
wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8х12mm

Installation of Hinge Cup



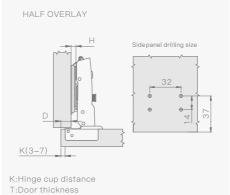
	T=	16	17	18	19	20	21	22	23	24	25
K=3	A=	0.5	0.7	1.1	1.3	1.5	2.2	2.8	3.3	3.8	4.3
K=4	A=	0.5	0.7	1.1	1.3	1.5	2.1	2.7	3.2	3.7	4.2
K=5	A=	0.5	0.7	1.0	1.2	1.5	2.0	2.5	3.0	3.5	4.0
K=6	A=	0.5	0.7	0.9	1.1	1.5	1.7	2.2	2.7	3.2	3.7
K=7	A=	0.5	0.7	0.8	1.1	1.5	1.7	2.2	2.7	3.2	3.7

Installation & Overlay Calculation

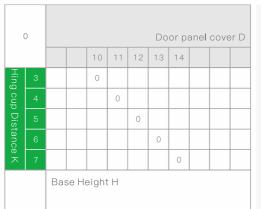


0							Do	or pa	anel	cove	er D
			18 19 20 21 22								
Hing				0							
) cup	4				0						
Hing cup Distance K	5					0					
tanc	6						0				
の ス	7	0									
Base Height H											

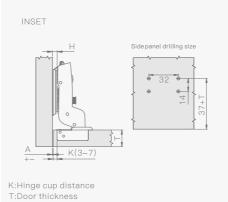


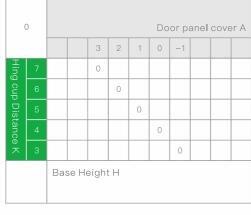


K:Hinge cup distance T:Door thickness



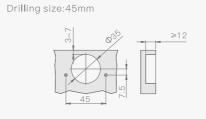


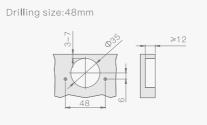


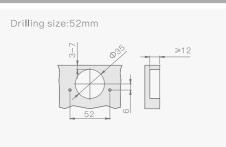




Installation of Hinge Cup

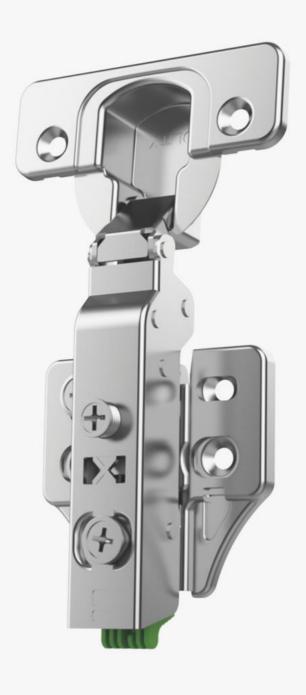








K6-2 Hinge For Thick Door Suitable For 18-30mm Thick Door



K6-2

Hinge For 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

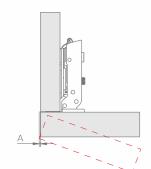
Cover

Name	Trademark
arm cover	custom-made

Screw

	Name	Size	Name	Size
\tag{\text{mm}}	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

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

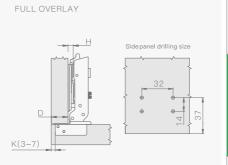
K6-2

Hinge For Thick Door

KOLITY

Hinge Series

Installation & Overlay Calculation



0							Do	or pa	anel	cove	er D
				17.5	18.5	19.5	20.5	21.5	22.5		
Hing				0							
je cr	4				0						
Б Di	5					0					
Hinge cup Distance K	6						0				
0 不	7	0									
		Base Height H									

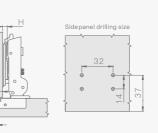




K:Hinge cup distance T:Door thickness

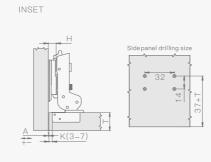
K:Hinge cup distance

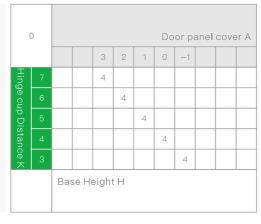
K:Hinge cup distance T:Door thickness





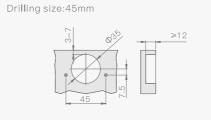


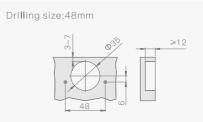


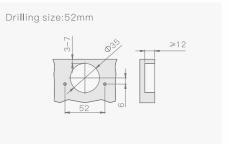




Installation of Hinge Cup







28



K5-3-304

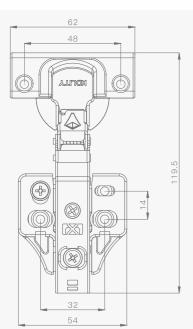
Water-Proof Hinge

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

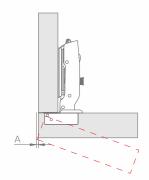


Name	Trademark
cup cover	no

	Name	Size
Tanna	wood screw	M4×14/16mm
	Euro Screw	Ф6.3×12/14/16mm

M10 dowel	Ф10×12mm
M8 dowel	Ф8×12mm

Installation of Hinge Cup



		16		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

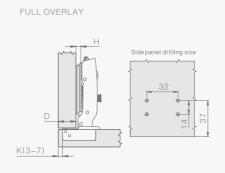
K5-3-304

All Stainless Steel

KOLITY

Hinge Series

Installation & Overlay Calculation



K:Hinge cup distance T:Door thickness

K:Hinge cup distance T:Door thickness

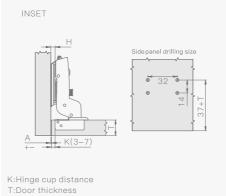
	0							Do	or pa	anel	cove	er D
					18	19	20	21	22			
	Hing	3			0							
ı	ge c ₂ 4	4				0						
ı	Hinge cup Distance K	5					0					
ı	stan	6						0				
ı	C	7							0			
I			Base Height H									

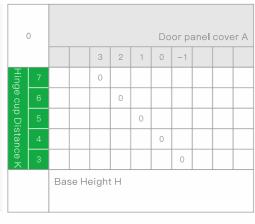




0							Do	or pa	anel	cove	er D
				10	11	12	13	14			
Hinge cup Distance K				0							
	4				0						
	5					0					
stan	6						0				
O 전 조	7							0			
		Bas	se He	eight	H						

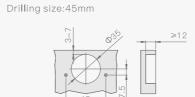


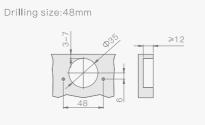


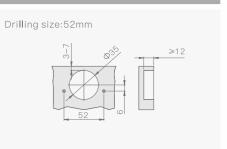


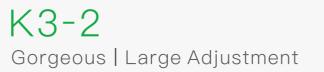


Installation of Hinge Cup













K3-2

Gorgeous | Large Adjustment

Gorgeous | Large Adjustment

K3-2

Hinge Series

KOLITY

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

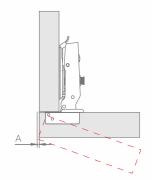
Name	Trademark
arm cover	custom-made

Name	Trademark
cup cover	no

	Name	Size	Name
Tanna	wood screw	M4×14/16mm	M10 dow
	Euro Screw	Ф6.3×12/14/16mm	M8 dow

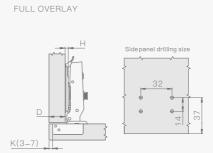
	Name	Size
	M10 dowel	Ф10×12mm
	M8 dowel	Ф8×12mm

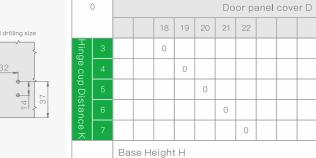
Installation of Hinge Cup



		16		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

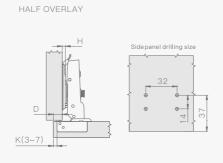






K:Hinge cup distance T:Door thickness

K:Hinge cup distance

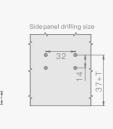


()						Do	or pa	anel	cove	er D
				10	11	12	13	14			
Hinge cup Distance K				0							
	4				0						
ਰ <u>D</u> :	5					0					
stan	6						0				
유 ㅈ	7							0			
		Base Height H									



INSET

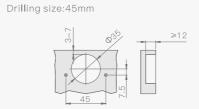
K:Hinge cup distance T:Door thickness



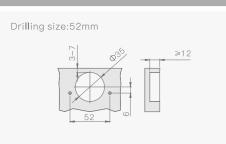
)						Do	or pa	anel	cove	er A
				3	2	1	0	-1			
Hinge cup Distance K	7			0							
je cu	6				0						
р Di	5					0					
stan	4						0				
조	3							0			
		Bas	se He	eigh	t H						



Installation of Hinge Cup



Drilling size:48mm



K5-2

K5-2

Hinge Series

KOLITY

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

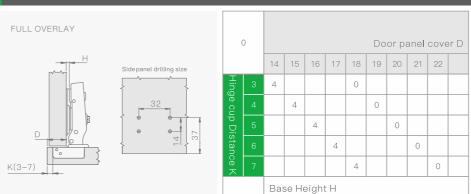
Hinge Arm Material: 1.2mm cold-rolled steel with nickle plating

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

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

Screw

	Name	Size	Name	Size
Danas	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm









Base Height H

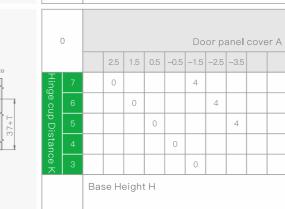




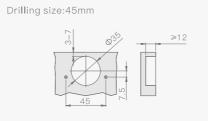
K:Hinge cup distance T:Door thickness

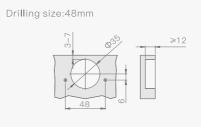
INSET

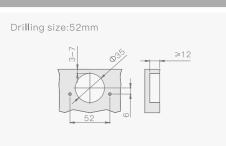
K:Hinge cup distance T:Door thickness











All Stainless Steel Hinge





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

Name	Size	Name	Size
wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
Euro Screw	Ф6.3x12/14/16mm	M8 dowel	Ф8х12mm

K5-2-304

All Stainless Steel Hinge

Hinge Series

KOLITY

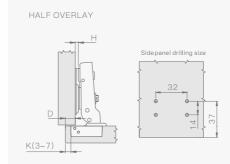
Installation & Overlay Calculation



()	Door panel cover D									
		14	15	16	17	18	19	20	21	22	
Hing		4				0					
je cr	4		4				0				
р Di	5			4				0			
Hinge cup Distance K	6				4				0		
유 ㅈ	7					4				0	
		Bas	se He	eight	: H						



K:Hinge cup distance T:Door thickness

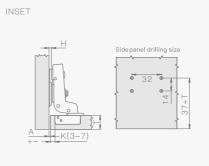


()						Do	or pa	anel	cove	er D
		5	6	7	8	9	10	11	12	13	
Hing		4				0					
je cu	4		4				0				
Б Di	5			4				0			
Hinge cup Distance K	6				4				0		
6 ㅈ	7					4				0	
		Bas	Base Height H								



K:Hinge cup distance

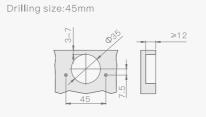
K:Hinge cup distance T:Door thickness

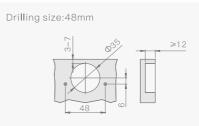


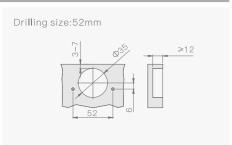




Installation of Hinge Cup



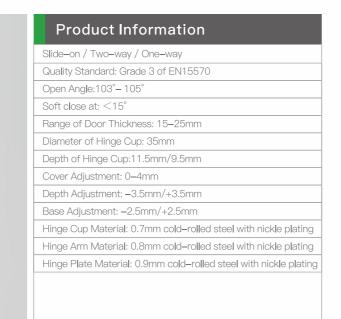




K2S

Small Angle Soft Close | Slide-on Hinge





	Name	Trademark	Name	Trademark
	arm cover	custom-made	arm cover	custom-made
	Name	Trademark		

cup cover	no

Screw				
	Name	Size	Name	Size
	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

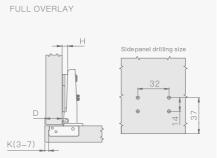
K2S

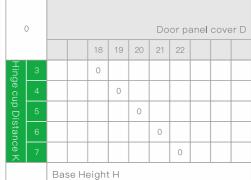
Small Angle Soft Close | Slide-on Hinge

Hinge Series

KOLITY

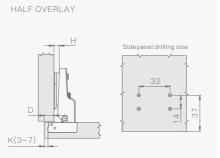
Installation & Overlay Calculation







K:Hinge cup distance T:Door thickness



Door panel cover D 10 11 12 13 14 Base Height H



K:Hinge cup distance T:Door thickness

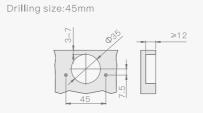
K:Hinge cup distance

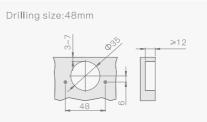
INSET

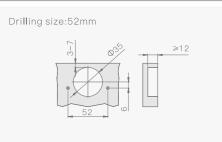
Door panel cover A Base Height H



Installation of Hinge Cup

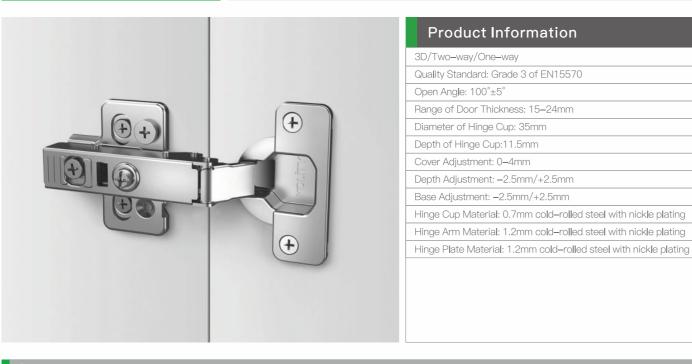






Clip-on 3D Hydraulic Hinge





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

	Name	Size	Name	Size
Tanna	wood screw	M4×14/16mm	M10 dowel	Ф10x12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

K6

Clip-on 3D Hydraulic Hinge

KOLITY

Hinge Series

Installation & Overlay Calculation



()		Door panel cover D									
		13	14	15	16	17	18	19	20	21		
Hing	3	4				0						
је сг	4		4				0					
р Di	5			4				0				
Hinge cup Distance	6				4				0			
C 전 天	7					4				0		
		Bas	se He	eight	t H							



K:Hinge cup distance T:Door thickness



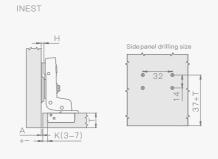






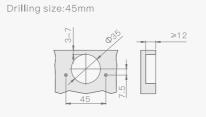
K:Hinge cup distance

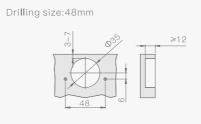
K:Hinge cup distance T:Door thickness

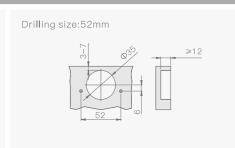


()						Do	or pa	anel	COVE	er A
			1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5		
Hing			0				4				
Hinge cup Distance K	4			0				4			
₽ <u>D</u> :	5				0				4		
stan	6					0					
6 ㅈ	7						0				
		Bas	se He	eight	t H						









1.2mm Classical Hinge





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

	Name	Size	Name	Size
Tana	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

K4

1.2mm Classical Hinge

KOLITY

Hinge Series

Installation & Overlay Calculation



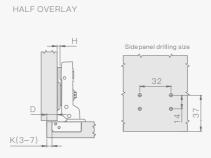
()						Do	or pa	anel	cove	er D
		13	14 15 16 17 18 19 20 21								
Hing	3	4				0					
Hinge cup Distance K	4		4				0				
Б <u>Б</u>	5			4				0			
stan	6				4				0		
C 전 天	7					4				0	
		Bas	Base Height H								



K:Hinge cup distance T:Door thickness

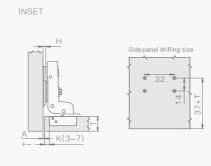
K:Hinge cup distance

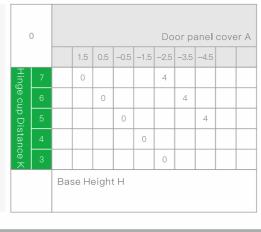
K:Hinge cup distance T:Door thickness



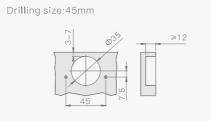
()		Door panel cover D										
		5	6	7	8	9	10	11	12	13			
Hing		4				0							
je cu	4		4				0						
Hinge cup Distance K	5			4				0					
stan	6				4				0				
요 조	7					4				0			
		Bas	se H	eigh	t H								

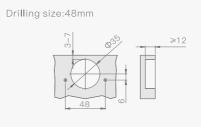


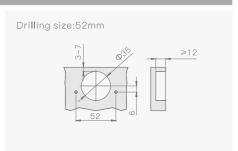












Two-Way Hinge





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

	Name	Size	Name	Size
Tanna	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

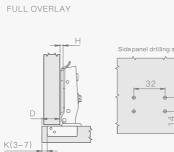
K3

Two-Way Hinge

KOLITY

Hinge Series

Installation & Overlay Calculation



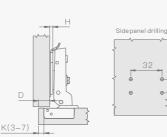


()						Do	or pa	anel	COVE	er D		
		13.5	5 14.5 15.5 16.5 17.5 18.5 19.5 20.5 21.5 22.5										
Hing	3	4		2		0		-2					
је сг	4		4		2		0		-2				
Hinge cup Distance K	5			4		2		0		-2			
stan	6				4		2		0		-2		
유 조	7					4		2		0			
		Bas	Base Height H										





HALF OVERLAY



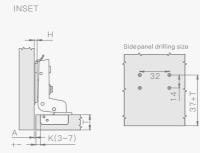


()						Do	or pa	anel	cove	er D
		5	6	7	8	9	10	11	12	13	14
Hing		4		2		0		-2			
Hinge cup Distance K	4		4		2		0		-2		
Б <u>Б</u>	5			4		2		0		-2	
stan	6				4		2		0		-2
유 조	7					4		2		0	
		Bas	Base Height H								



K:Hinge cup distance T:Door thickness

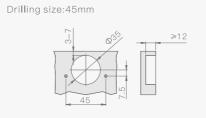
K:Hinge cup distance T:Door thickness

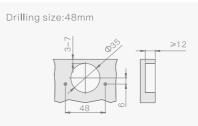


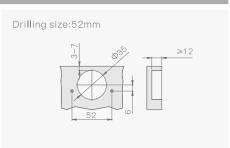


()						Do	or pa	anel	cove	er A
		3.5	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5	
Hing		-2		0		2		4			
Hinge cup Distance K	6		-2		0		2		4		
Б <u>Б</u>	5			-2		0		2		4	
stan	4				-2		0		2		
유 ㅈ	3					-2		0		2	
		Bas	se H	eight	t H						



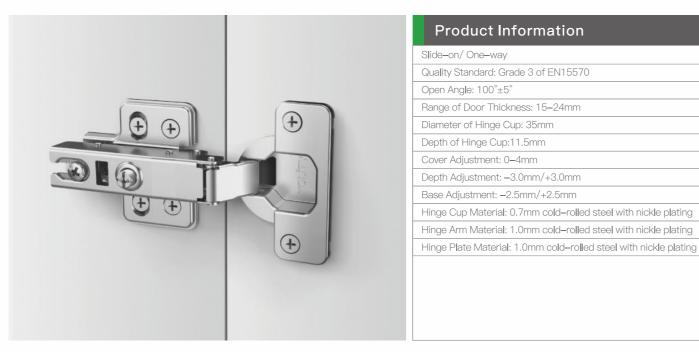






Slide-on Hydraulic Hinge





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

	Name	Size	Name	Size
Tanna	wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

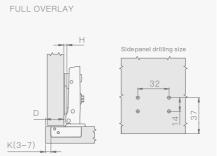
K2

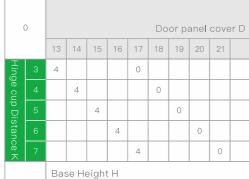
Slide-on Hydraulic Hinge

KOLITY

Hinge Series

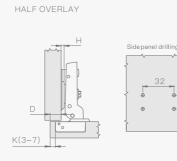
Installation & Overlay Calculation







K:Hinge cup distance T:Door thickness

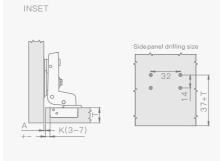






K:Hinge cup distance

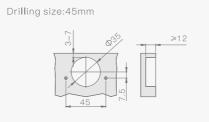
K:Hinge cup distance T:Door thickness

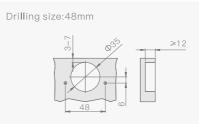


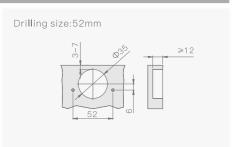
()						Do	or pa	anel	cove	er A
			1.5	0.5	-0.5	-1.5	-2.5	-3.5	-4.5		
Hing	7		0				4				
Hinge cup Distance K	6			0				4			
₽ <u>D</u> :	5				0				4		
stan	4					0					
유 조	3						0				
		Bas	se He	eight	t H						



Installation of Hinge Cup







49

Hinge For Project





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

Name	Size	Name	Size
wood screw	M4×14/16mm	M10 dowel	Ф10×12mm
Euro Screw	Ф6.3×12/14/16mm	M8 dowel	Ф8×12mm

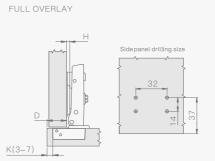
K1

Hinge For Project

KOLITY

Hinge Series

Installation & Overlay Calculation

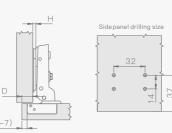


0		Door panel cover D											
		13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5		
Hing	3	4		2		0		-2					
је сг	4		4		2		0		-2				
Б Di	5			4		2		0		-2			
Hinge cup Distance	6				4		2		0		-2		
C @ ㅈ	7					4		2		0			
		Base Height H											



K:Hinge cup distance T:Door thickness





()	Door panel cover											
		5	6	7	8	9	10	11	12	13	1		
Hing	3	4		2		0		-2					
Hinge cup Distance K	4		4		2		0		-2				
Б Di	5			4		2		0		-2			
stan	6				4		2		0		-		
유 ㅈ	7					4		2		0			
Base Height H													

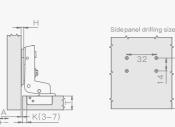
Door panel cover A



K:Hinge cup distance T:Door thickness

K:Hinge cup distance T:Door thickness

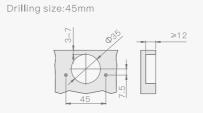


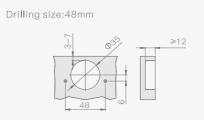


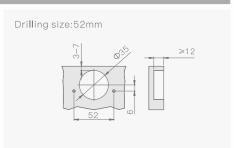
		3.5	2.5	1.5	0.5	-0.5	-1.5	-2.5	-3.5
Hing		-2		0		2		4	
je ct	6		-2		0		2		4
Hinge cup Distance K	5			-2		0		2	
stan	4				-2		0		2
유 ㅈ	3					-2		0	
		Bas	se He	eiaht	. н				



Installation of Hinge Cup

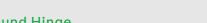






165A

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
Janus	wood screw	M4×14/16mm
	Euro Screw	Ф6.3×12/14/16mm

Name	Size
M10 dowel	Ф10×12mm
M8 dowel	Ф8×12mm

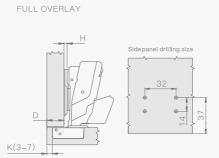
165A

All Round Hinge

Hinge Series

KOLITY

Installation & Overlay Calculation



	0						Do	or pa	anel	cove	er D
•			14	15	16	17	18	19	20	21	
}	Hing	3		2		0					
37	Hinge cup Distance K	4	4		2		0				
		5		4		2		0			
m	stan	6			4		2		0		
	조	7				4		2		0	

Base Height H



K:Hinge cup distance T:Door thickness

K:Hinge cup distance

K:Hinge cup distance T:Door thickness



	0							Do	or pa	anel	COVE	er D
				5	6	7	8	9	10	11		
	Hing	3		2		0						
	Hinge cup Distance K	4			2		0					
		5		4		2		0				
		6			4		2		0			
	C 전 조	7				4		2		0		
			Base Height H									

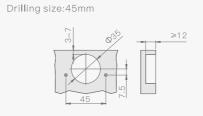


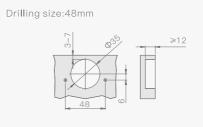
Side panel drilling size

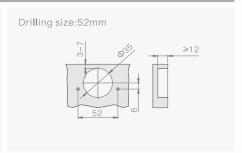
0							Do	or pa	anel	cove	er A
		4	3	2	1	0	-1	-2	-3	-4	
Hing		0		2		4					
Hinge cup Distance K	6		0		2		4				
Б <u>Б</u>	5			0		2		4			
stan	4				0		2		4		
유 ㅈ	3					0		2		4	
		Bas	se H	eigh	t H						



Installation of Hinge Cup

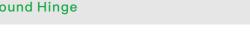


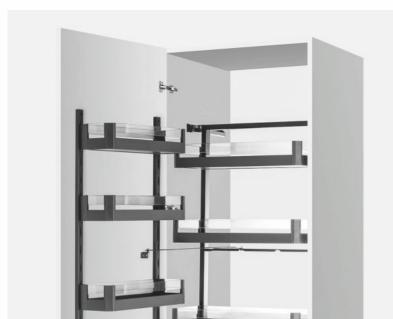




165B

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

	Name	Size			
Damas	wood screw	M4×14/16mm			
	Euro Screw	Ф6.3×12/14/16mm			

Name	Size
M10 dowel	Ф10×12mm
M8 dowel	Ф8×12mm

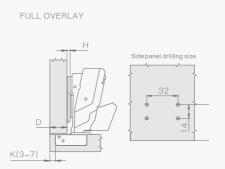
165B

All Round Hinge

KOLITY

Hinge Series

Installation & Overlay Calculation

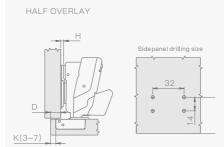


	()		Door panel cover D									
					16	17	18	19	20				
П	Hing	3			0								
ı	Hinge cup Distance	4				0							
ı	Б <u>Д</u>	5					0						
ı	stan	6						0					
ı	유 ㅈ	7							0				
			Bas	Base Height H									



K:Hinge cup distance T:Door thickness

K:Hinge cup distance







INSET

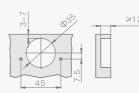


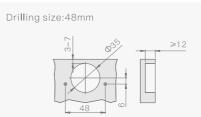


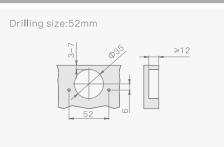
Installation of Hinge Cup



K:Hinge cup distance T:Door thickness

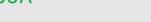


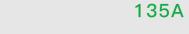




135A

Solution For Corner Linkage





Solution For Corner Linkage

<u>.</u>.

KOLITY

Hinge Series

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

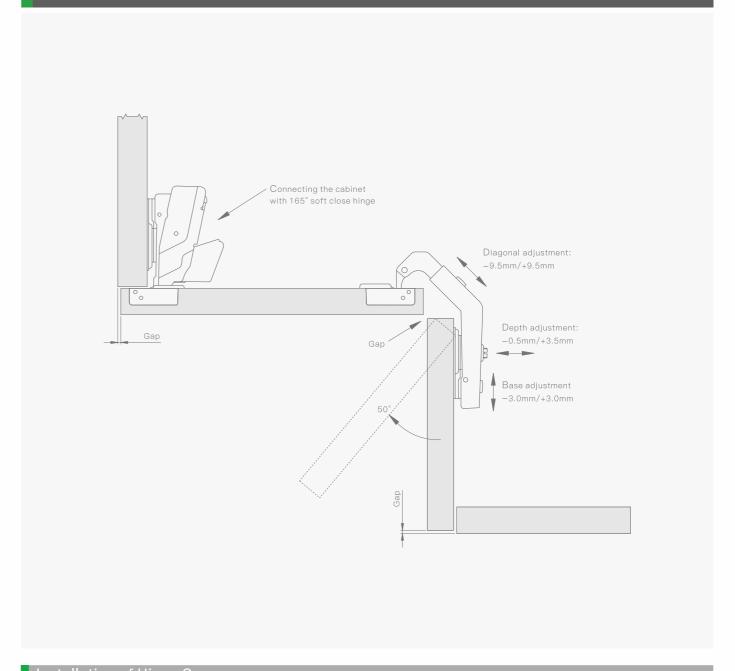
Hinge Plate Material: cold-rolled steel with nickel plating

Scrow

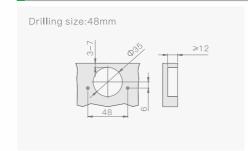
	Name	Size
Janus	wood screw	M4×14/16mm
	Euro Screw	Ф6.3×12/14/16mm

Name	Size			
M10 dowel	Ф10×12mm			
M8 dowel	Ф8×12mm			

Installation & Overlay Calculation



Installation of Hinge Cup



90°/45°/30°

Angle Hydraulic Hinge



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
cup cover	no

Size

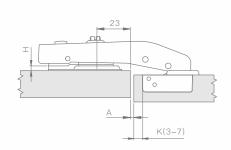
Ф10×12mm

Ф8×12mm

Screw

	Name	Size	Name	
Tamas	wood screw	M4×14/16mm	M10 dowel	
	Euro Screw	Ф6.3×12/14/16mm	M8 dowel	

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

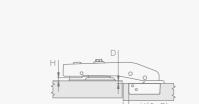
90°/45°/30°

Angle Hydraulic Hinge

Hinge Series

KOLITY

Installation & Overlay Calculation



()		Door panel cover D										
			0	2									
Hing	3		2	0									
Hinge cup Distance K	4		2	0									
Б Di	5		2	0									
stan	6		2	0									
유 ㅈ	7		2	0									
		Bas	Base Height H										



K:Hinge cup distance

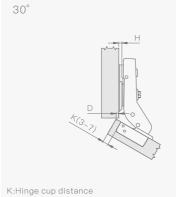
90°



()		Door panel cover D									
		-1.4	0	0.6	0.7	1.3	1.4	2	2.7	3.4		
Hing		2		0								
je cu	4				2	0						
Hinge cup Distance K	5		2					0				
stan	6				2				0			
유 天	7						2			0		
		Base Height H										



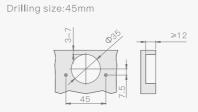
K:Hinge cup distance

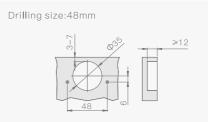


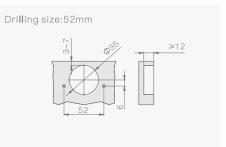
	0						Do	orn	onol	0000	or D
		Door panel cov								2	2.9
Ηin	3	2			0						
Hinge cup Distance K	4		2				0				
φ Di	5			2						0	
stan	6					2					0
\ \ \ \ \ \	7							2			
	Base Height H										



Installation of Hinge Cup







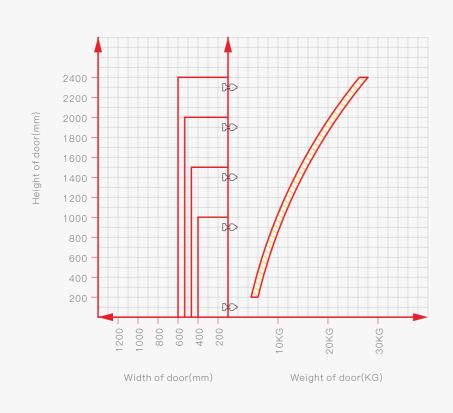
Hinge Informations

Hinge Informations

KOLITY

Hinge Series

Quantity Of Hinges



Calaudatian	la a 4 a a . a . l a a al	la a autor a afficience	and weight of doors
L alci liation	nerween Inan	-nearing of hinges	and Waldnt of doors

Calculation between load-bearing of finiges and weight of doors						
NO.	Materials of doors	Proportion (Kg/m³)	Calculation for the weight of door			
01	Solid wood	1000Kg/m³	1.Weight of door=(HeightxWidthxThickness)xProportion; Notice: unit of height/width/thickness should be changed to be meter 2.For example: ① Wardrobe door (Solid wood): Size: 2000x500x18mm Weight: {2x0.5x0.018m} x1000Kg/m³=18Kg ② Cabinet door (Solid wood): Size: 600x500x18mm Weight: {0.6x0.5x0.018m} x1000Kg/m³=5.4Kg ③ Glass door(5mm): Size: 600x500x5mm Weight: (0.6x0.5)x12.5Kg/m³ = 2.8Kg			
02	HDF	840Kg/m³				
03	Multi-ply solid wood	840Kg/m³				
04	MDF	730Kg/m³				
05	Chipboard	650Kg/m ³				
06	Particle board	650Kg/m³				
07	Aluminum	1000Kg/m³				
08	Glass	Thickness 5mm	Thickness 6mm	Thickness 8mm	Thickness 10mm	
		12.5Kg/m²	15Kg/m²	20Kg/m²	25Kg/m²	

Installation And Adjustment For Hinges

