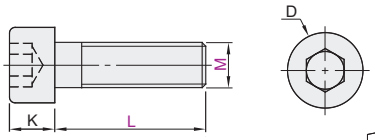
Hexagon socket head screw

Code	AID31
Type	Hexagon socket head screw
Material	SUS304
Surface Treatment	—



AID31



The first perspective

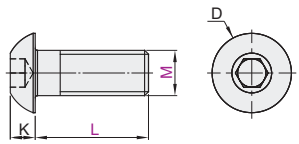
Part Number Code	M	L	D	K	Weight(g/pcs)
AID31	4	6	7	4	1.35
		8			1.49
		10			1.66
		12			1.76
		16			2.08
		20			2.40
		25			3.00
	5	8	8.5	5	2.36
		10			2.82
		12			2.94
		16			3.47
		20			5.00
		25			5.52
	6	12	10	6	4.72
		16			5.41
		20			6.09
		25			7.01
		30			7.82
		35			8.71
		40			9.65
	8	12	13	8	10.30
		16			11.40
		20			12.60
		25			14.20
		30			15.40
		35			14.50
		40			16.20
		45			17.80
		50			19.40
	12	20	18	12	30.80
		25			34.10
		30			38.80
		35			42.60
		50			53.00

Hexagon socket cup head screw

Code	AIE31
Type	Hexagon socket cup head screw
Material	SUS304
Surface Treatment	—



AIE31



The first perspective

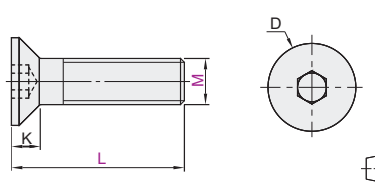
Part Number Code	M	L	D	K	Weight(g/pcs)
AIE31	4	10	7.6	2.2	1.20
		12			1.28
		20			1.98
		25			2.40
	5	10	9.5	2.75	1.99
		12			2.17
		16			2.48
		20			3.02
		25			3.72
	6	10	10.5	3.3	3.21
		12			3.14
		16			4.16
		20			4.53
		25			4.91
		30			5.36
		35			6.01
		40			6.72
	8	16	14	4.4	8.11
		18			8.56
		20			9.33
		25			9.92
		30			12.30
		40			15.00
		50			16.7

Hexagon socket countersunk head screw

Code	AIF31
Type	Hexagon socket countersunk head screw
Material	SUS304
Surface Treatment	—



AIF31



The first perspective

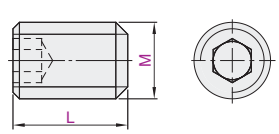
Part Number Code	M	L	D	K	Weight(g/pcs)
AIF31	4	6	8	2.3	0.77
		8			0.91
		10			1.04
		12			1.21
		20			1.69
		25			2.00
	5	10	10	2.8	1.62
		12			2.02
		25			5.50
	6	10	12	3.3	2.64
		12			3.01
		16			3.39
		20			4.37
		25			5.11
		30			6.22
		35			7.32
		40			7.43
	8	16	16	4.4	6.78
		20			8.12
		25			9.53
		30			10.94
		40			13.70
		45			15.11
		50			16.52

Set screw

Code	AIG31
Type	Set screw
Material	SUS304
Surface Treatment	—



AIG31



Part Number Code	M	L	Weight(g/pcs)
AIG31	4	6	0.45
	5	6	0.50
		8	0.80
	6	8	1.00
		10	1.31
	8	10	2.20
		12	2.70

The first perspective

Please order as shown

Code
AIE31-M4-L20
AID31-M4-L16
AIF31-M4-L6

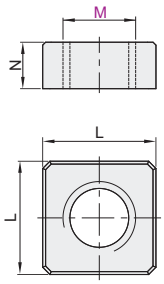
Quotation Way FAX

Square nut

Code	AHE21	AHE31
Type	Square nut	Square nut
Material	Carbon steel	Stainless steel
Surface Treatment	Galvanized	—



AHE21-G306-M4
AHE21-G306-M5
AHE21-G306-M6
AHE21-G408-M4
AHE21-G408-M5
AHE21-G408-M6
AHE21-G408-M8
AHE31-G306-M6
AHE31-G408-M8



The first perspective

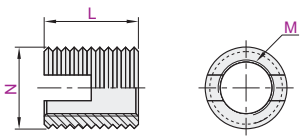
Part Number		M	L	N	Weight (g/pcs)
Code	No.				
AHE21	G306	4	10	5	3.2
		5			3
		6			2.5
	G408	4	13.9	5.5	6.9
		5			6.8
		6			6.4
		8			6.1
AHE31	G306	6	10	5	3.1
	G408	8	13.9	5.5	6.4

Threaded sleeve

Code	AIP31
Type	Threaded sleeve
Material	Carbon steel
Surface Treatment	Galvanized



AIP31



Part Number		N	L
Code	M		
AIP31		10	15
	6	12	20
		16	20
		12	
	8	14	20
		16	

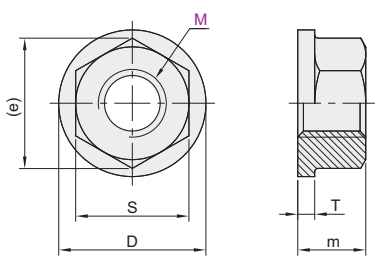
The first perspective

Flange nut

Code	AHF21	AHF31
Type	Flange nut	Flange nut
Material	Carbon steel	Stainless steel
Surface Treatment	Galvanized	—



AHF21
AHF31

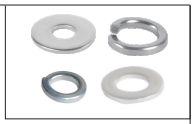


The first perspective

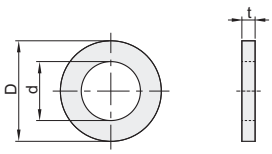
Part Number		D	S	(e)	m	T(min)	Weight (g/pcs)
Code	M						
AHF21 AHF31	4	9.4	7	7.82	4.6	1	1.2
	5	11.8	8	8.79	5	1	2
	6	14.2	10	11.05	6	1.1	1.8
	8	17.9	13	14.38	8	1.2	5.3

Flat washer/Spring washer

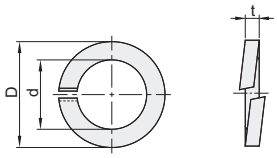
Code	AIK31	AIH21
Type	Flat washer	Spring washer
Material	SUS304	SUS304
Surface Treatment	—	—



Flat washer
AIK31



Spring washer
AIH21



The first perspective

Flat washer (DIN 125)

Part Number		d	D	t
Code	Nominal diameter			
AIK31	4	4.3	8.6	0.8
	5	5.3	9.6	1.0
	6	6.4	11.6	
	6A	6.6	17.7	1.2
	8	8.4	15.6	
	10	10.5	18	2.0
	12	13	24	2.5

Spring washer (DIN 127B)

Part Number		d	D	t
Code	Nominal diameter			
AIH21	4	4.2	7.1	0.9
	5	5.2	8.7	1.2
	6	6.3	11.4	1.6
	8	8.2	14.2	2.0
	10	10.2	18.1	2.2
	12	12.2	21.1	2.5

Please order as shown

Code
AHE21-G306-M5
AIP31-M6-N10-L15
AHF31-M5

Quotation Way FAX

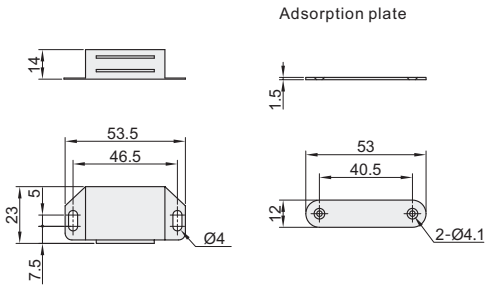
Door stopper

Code	Type	Material	Surface Treatment
AKB31	Door stopper	Stainless steel	—

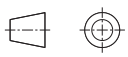
Used for locating and adsorption of doors, installed on the both inner side of aluminum extrusion doors, the locating plate is selected for use according to the extrusion dimension.



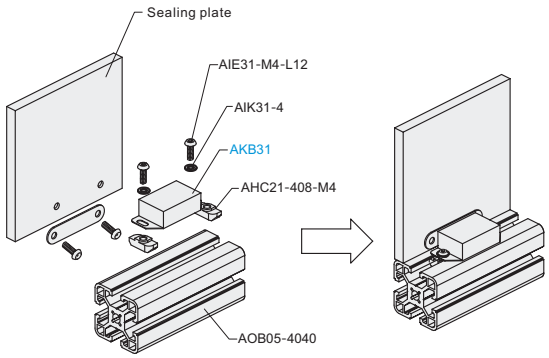
AKB31
(With adsorption plate)



Code	Attraction(N)	Weight(g/pcs)
AKB31	40	31.7


The first perspective

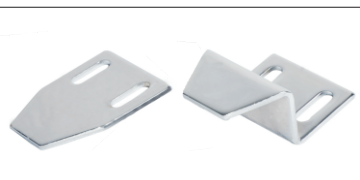
EX Example



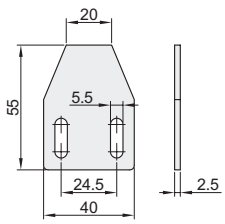
Magnetic buckle/Pin locating plate

Code	Type	Material	Surface Treatment
AKF23	Magnetic buckle/Pin locating plate	Carbon steel	Chrome

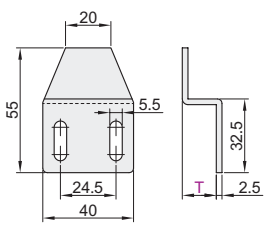
Install on the outer frame of aluminum extrusion door, and used with magnetic buckle and pin.
Thickness of T20/T35 is 2.

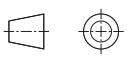


AKF23-T0



AKF23-T5
AKF23-T10
AKF23-T15
AKF23-T20
AKF23-T25
AKF23-T30
AKF23-T35

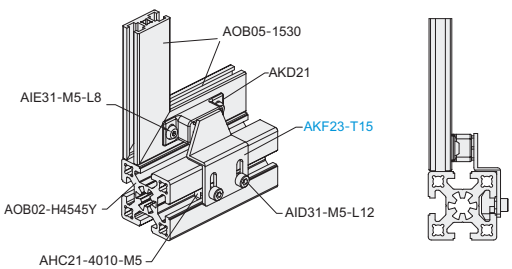



The first perspective

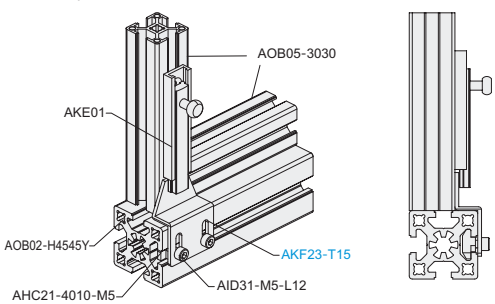
Part Number Code	T	Applicable range		Weight (g/pcs)
AKF23	0	Used when the width difference is 15mm between door outer frame and inner door profile	For magnetic buckle	33.3
		Used when the width is same between outer door frame and inner door profile	For pin	33.3
	5	Used when the width difference is 10/20mm between door outer frame and inner door profile	For magnetic buckle	26.8
		Used when the width difference is 5mm between door outer frame and inner door profile	For pin	26.8
	10	Used when the width difference is 5/25mm between door outer frame and inner door profile	For magnetic buckle	38.6
		Used when the width difference is 10mm between door outer frame and inner door profile	For pin	38.6
	15	Used when the width difference is 30mm between door outer frame and inner door profile	For magnetic buckle	41.9
		Used when the width difference is 15mm between door outer frame and inner door profile	For pin	41.9
	20	Used when the width difference is 20mm between door outer frame and inner door profile	For pin	42.5
	25	Used when the width difference is 25mm between door outer frame and inner door profile	For pin	49.5
	30	Used when the width difference is 30mm between door outer frame and inner door profile	For pin	49.3
	35	Used when the width difference is 35mm between door outer frame and inner door profile	For pin	53.5

EX Example

Magnetic buckle example



Pin example



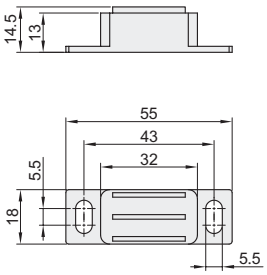
Magnetic buckle

Code	Type	Material	Surface Treatment
AKD21	Magnetic buckle	Carbon steel	Chrome



Used for locating and adsorption of doors, installed on the both inner side of aluminum extrusion doors, the locating plate is selected for use according to the extrusion dimension.

AKD21-A
AKD21-B
AKD21-C



Code	Attraction(N)	Weight(g/pcs)
AKD21-A	20	60
AKD21-B	50	
AKD21-C	70	

The first perspective

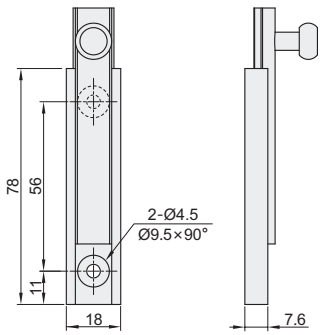
Pin

Code	Type	Material	Surface Treatment
AKE01	Pin	A6063-T5	Sandblast oxidation



Used for locating and adsorption of doors, installed on the both inner side of aluminum extrusion doors, the locating plate is selected for use according to the extrusion dimension.

AKE01

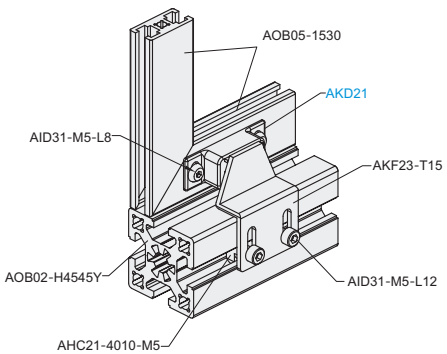


Code	Weight(g/pcs)
AKE01	35.9

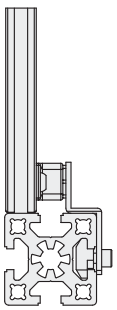
The first perspective

Example

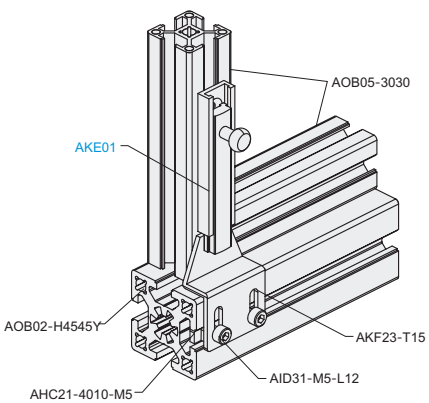
Assembly drawing



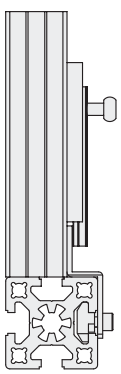
Exploded drawing



Assembly drawing



Exploded drawing



Please order as shown

Code
AKD21-A
AKD21-B
AKE01

Quotation Way

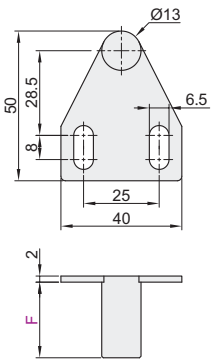
Door stop

Code	Type	Material	Surface Treatment
AKC22	Door stop	Carbon steel	Nickel plating

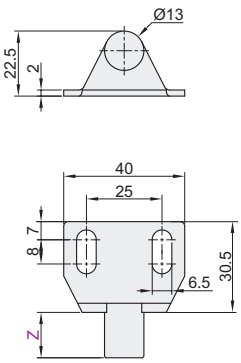
Used for closing and positioning of doors and windows.



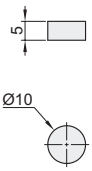
AKC22-1530-F15
AKC22-1540-F25
with 1piece powerful magnet



AKC22-1530-Z15
AKC22-1540-Z25
with 1piece powerful magnet



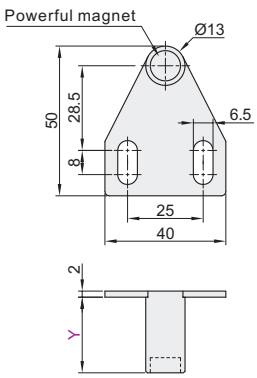
AKC22-1530/1540-01
Powerful magnet
Attraction: 10N



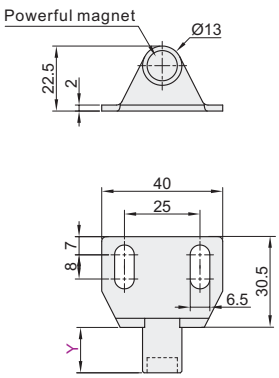
AKC22-JIAOTAO
Door stop rubber sleeve



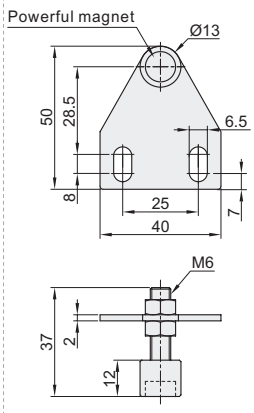
AKC22-1530-YF15
AKC22-1540-YF25



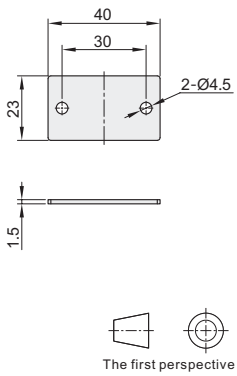
AKC22-1530-YZ15
AKC22-1540-YZ25



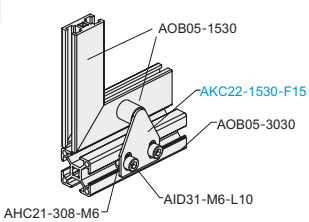
AKC22-T

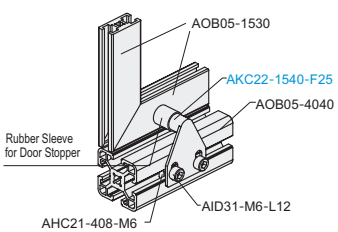


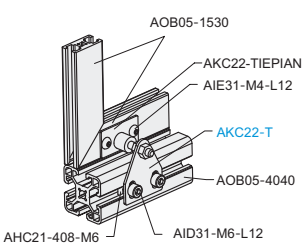
Accessories
AKC22-TIEPIAN
Iron adsorption sheet



Example







Code	Weight(g/pcs)
AKC22-1530-F15	36.3
AKC22-1540-F25	46.4
AKC22-1530-Z15	36.1
AKC22-1540-Z25	46.6
AKC22-TIEPIAN	10.2

Code	Weight(g/pcs)
AKC22-1530-YF15	36.3
AKC22-1540-YF25	46.4
AKC22-1530-YZ15	36.1
AKC22-1540-YZ25	46.6
AKC22-T	30.6

Please order as shown

Code
AKC22-1530-F15
AKC22-1530-YF15
AKC22-T

Quotation Way FAX

When selecting the door stop, the dimension of the two matching extrusions is subtracted, and the value is equal to F.
For example:30 extrusion-15 extrusion=15 F
All door stops are not equipped with rubber sleeves and need to be purchased separately.
All door stops are not equipped with iron adsorption sheets and need to be purchased separately.

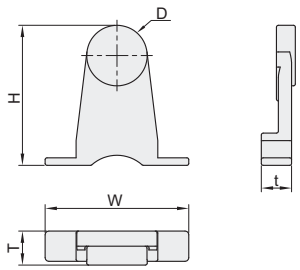
Groove door stop

Code	Type	Material	Surface Treatment
AKC22	Groove door stop	Carbon steel	Galvanization

- Used for closing and positioning of doors and windows.
- The door stop can be directly placed in the extrusion groove and fixed with T nuts, which is convenient to install and save place.
- It is necessary to use with powerful magnet.



AKC22-3040
AKC22-G306

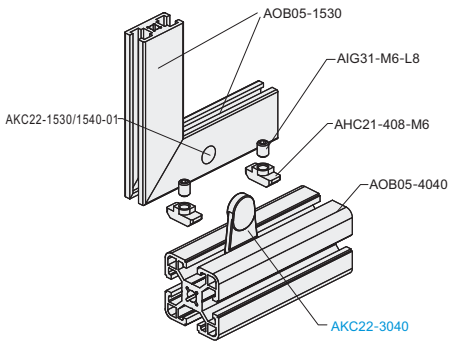


Part number		H	D	T	t	W	Applicable extrusion	Weight (g/pcs)
Code	No.							
AKC22	3040	37	16	9	8	38	EU standard 308、EU standard 408	30
	G306	37	16	6.8	5.8	38	National standard G306	26

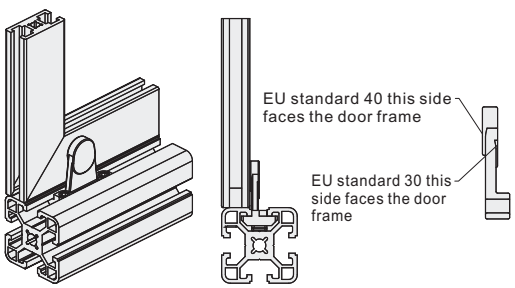
The first perspective

Example

Assembly drawing



Exploded drawing



Optional Processing

Code AKC22-3040-SET-A AKC22-3040-SET-B AKC22-G306-SET-A

Add processing project	Code	Spec.
Equipped with suitable nuts and set screws	SET-A	Equipped with suitable nuts and set screws(example) 3040: T nut:AHC21-308-M6 Set screw:AIG31-M6-L8 G306: T nut:AHC21-G306-M5 Set screw:AIG31-M5-L8
	SET-B	Equipped with suitable nuts and set screws(example) T nut:AHC21-408-M6 Set screw:AIG31-M6-L8

Please order as shown

Code
AKC22-3040
AKC22-G306

Quotation Way

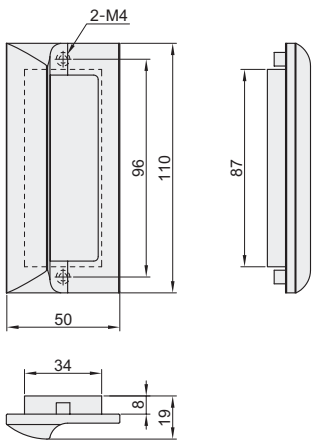
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3D model library | Example | Catalog for selection

Enbedded aluminum clasp

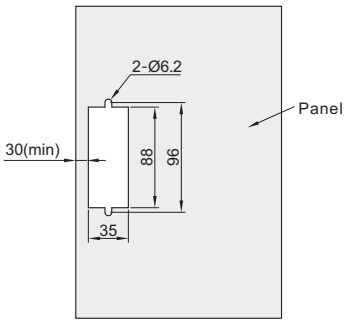
Code	Type	Material	Surface Treatment
AKJ13	Enbedded aluminum clasp	Zinc alloy	Chrome



AKJ13



Door opening hole dimension



Code	Weight(g/pcs)
AKJ13	55

The first perspective

Please order as shown

Code
AKJ13

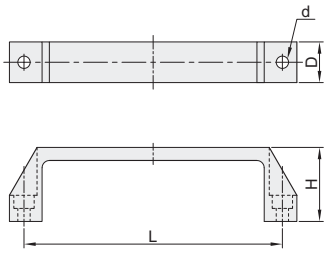
Quotation Way FAX

Square handle

Code	Type	Material	Surface Treatment
AKK52	Square handle	PA	Black
AKL17		ADC12	Black paint



AKK52
AKL17



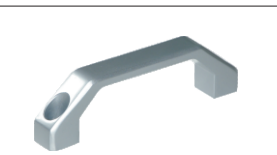
Part Number Code	No.	L	d	D	H	Weight(g/pcs)
AKK52(Nylon)	90	90	8.5	21	38.5	25.5
	120	120		25.5	40.5	40
	180	180		28	50	67

Part Number Code	No.	L	d	D	H	Weight(g/pcs)
AKL17 (Aluminum Alloy)	90	90	6.5	19	36	44.5
	120	120	8.5	24	39	89
	180	180	9	28	50	138

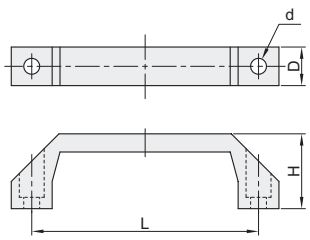
The first perspective

Square handle

Code	Type	Material	Surface Treatment
AKL14	Square handle	ADC12	Silvery white spraying



AKL14-100



Code	L	d	D	H	Weight(g/pcs)
AKL14-100	100	7	17	33	49.5

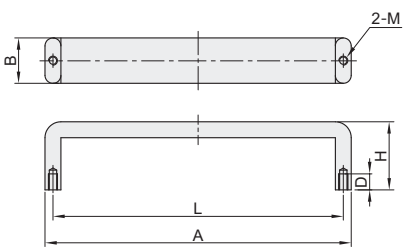
The first perspective

Oval handle

Code	Type	Material	Surface Treatment
AKM01	Oval handle	A6063-T5	Flat Oxidation



AKM01



Part Number Code	No.	L	A	B	H	D	M	Weight (g/pcs)
AKM01	96	96	102	15.6	25	6	M4	31.1
	128	128	134.5	19.5	30	8		56

The first perspective

Please order as shown

Code
AKK52-180
AKL14-100
AKM01-128

Quotation Way FAX

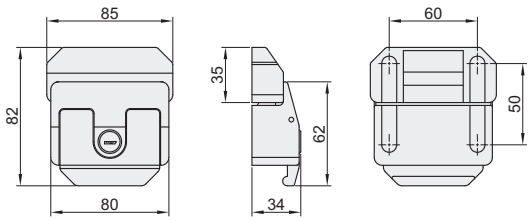
Square lock

Code	Type	Material	Surface Treatment
AKH46-A	Square lock	Zinc alloy	Sliver Gray Spray
AKH47-A			Black Paint

With four M8 square nuts.



AKH46-A
AKH47-A

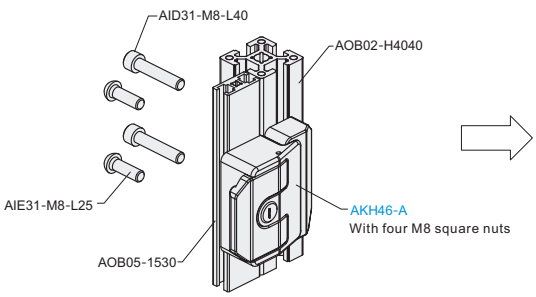


Code	Weight(g/pcs)
AKH46-A	700
AKH47-A	

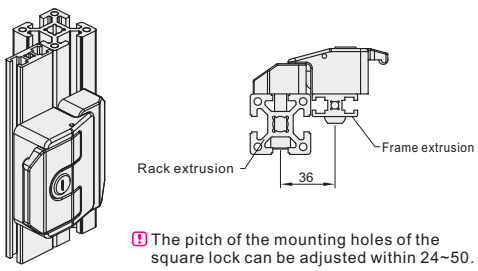
The first perspective

Example

Exploded drawing



Assembly drawing



The pitch of the mounting holes of the square lock can be adjusted within 24~50.

Please order as shown

Code
AKH46-A
AKH47-A

Quotation Way FAX

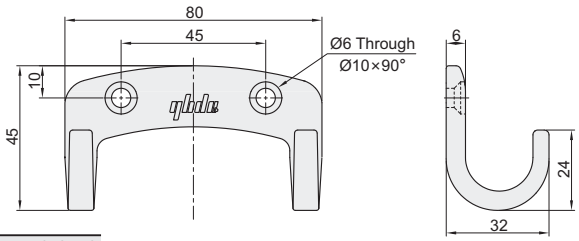
Stainless steel hook

Code	Type	Material	Surface Treatment
AKR31	Stainless steel hook	Stainless steel	Polishing

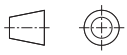
Used to hang objects in extrusion frames or other places.



AKR31-H-80



Code	Weight(g/pcs)
AKR31-H-80	92



The first perspective

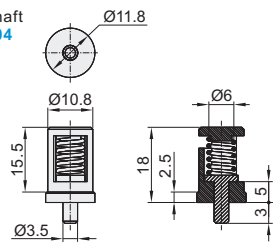
Hidden door shaft

Code	Type	Material	Surface Treatment
AKS52	Hidden door shaft	PA	—
AKS32	Rotating seat	Stainless steel	

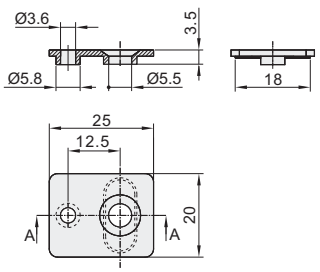
It is used for the upper and lower door shafts of the side-hung door without using hinges, and the appearance of the door is beautiful.



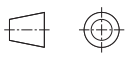
Hidden door shaft
AKS52-1530-04



Rotating seat
AKS32-1530-04



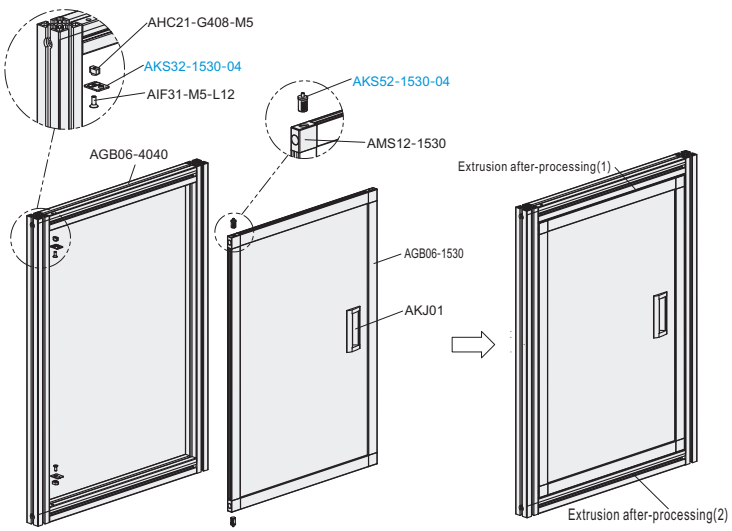
Code	Weight(g/pcs)
AKS52	3
AKS32	5.8



The first perspective

EX

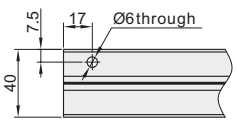
Example



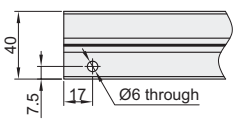
When choosing to install the hidden door shaft, please pay attention: Please use hexagon socket bolts to connect the outer frame extrusion. It is forbidden to use built-in connectors and angle plate to avoid interference.

Extrusion after-processing(processing side facing the door bolt)

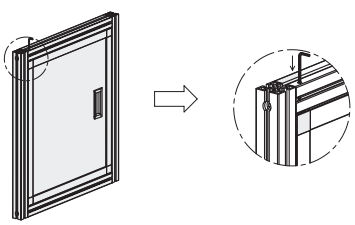
Extrusion after-processing(1)



Extrusion after-processing(2)



Disassembly method



Put the 3.0MM allen wrench into the processing hole, press the door shaft down to the bottom , and push the upper door frame outwards at the back of the door frame to successfully complete the removal of the door frame.

Please order as shown

Code

AKR31-H-80
AKS52-1530-04
AKS32-1530-04

Quotation Way

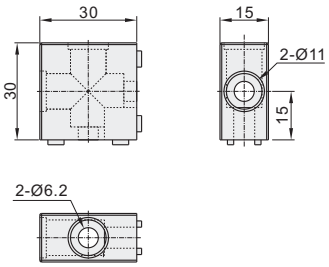
1530 Connector

Code	Type	Material	Surface Treatment
AMS12	1530 Connector	ADC12	Oil Injection

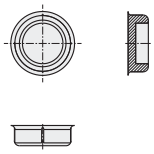
Used for 1530 extrusion 90 degree connection.



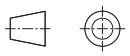
AMS12-1530
With accessories



Accessories

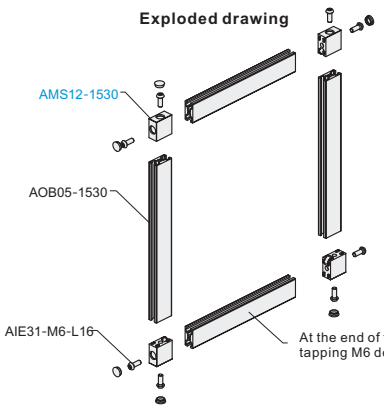


Code	Weight(g/pcs)
AMS12-1530	23.39

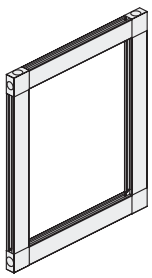


EX Example

Exploded drawing



Assembly drawing



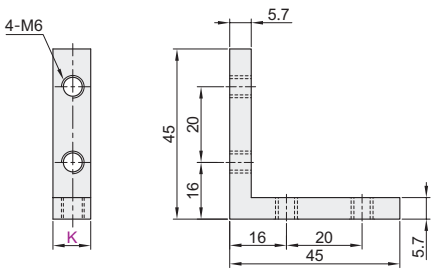
High-strength angle groove connector

Code	Type	Material	Surface Treatment
ADM01-G306	High-strength angle groove connector	A6063-T5	Sandblast oxidation No oxidation at section and processing hole

Used for high-strength connection of two 45-degree extrusion angle grooves.

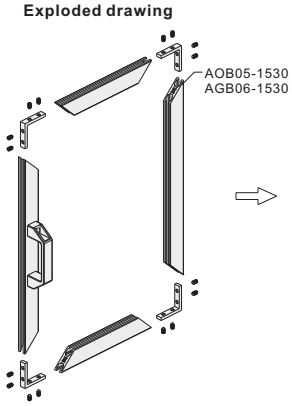


ADM01-G306-K10

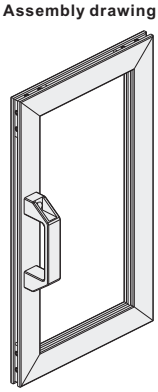


EX Example

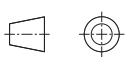
Exploded drawing



Assembly drawing



Code	Weight(g/pcs)
ADM01-G306-K10	11.2



Please order as shown

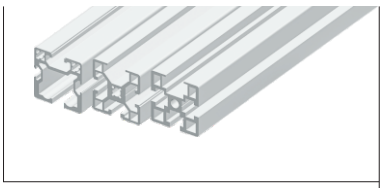
Code
AMS12-1530
ADM01-G306-K10

Quotation Way

Aluminum extrusions for folding door

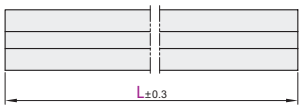
Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast oxidation
AGB06		Sandblast electrophoresis

- The fracture section haven't do oxidation.
- Maximum length of use: 4000mm.
- Surface treatment can be customized.



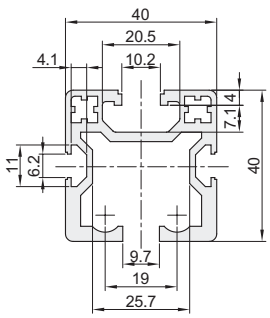
L length tolerance

L≤1000mm

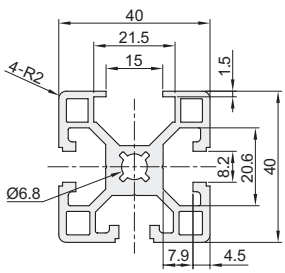


(When L>1000mm,length dimension tolerance is ±0.5)

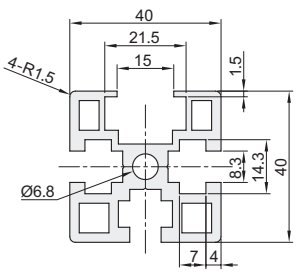
AOB05-4040DG



AOB05-4040HC



AGB06-4040HC



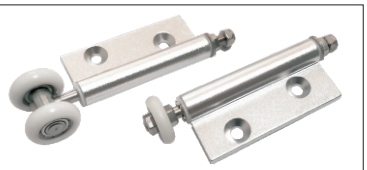
The first perspective

Part number		L 0.5 mm Inc.	Section Dimension	Weight per meter Kg/m (Theoretical value)	Sectional area (mm^2)	Moment of inertia of section		Bending section modulus	
Code	No.					ℓx	ℓy	Wxmax(mm^3)	Wymax(mm^3)
AOB05	4040DG	50~4000	40×40	1.39	503.54	9.02×10^4	10.67×10^4	4508.25	5198.04
	4040HC			1.54	559.12	7.98×10^4	9.03×10^4	3759.20	4516.36
AGB06	4040HC			1.70	616.04	8.92×10^4	10.35×10^4	4149.00	5173.96

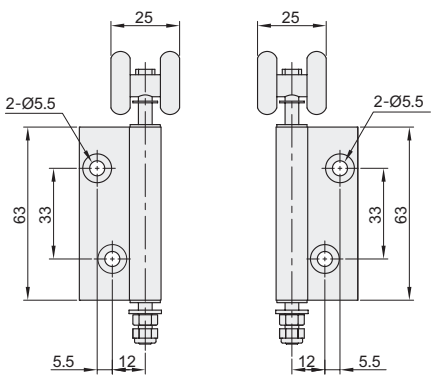
Hanging wheel hinge

Code	Type	Material	Surface Treatment
AKQ01-G-D-2463	Single left hanging wheel	Aluminum alloy	Anodize
AKQ01-G-X-2463	Single left lower guide wheel		

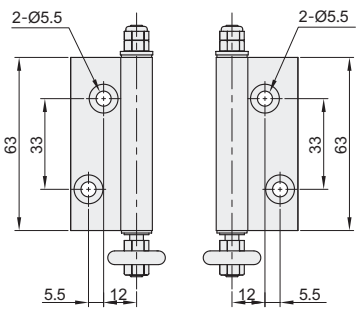
- Used for folding door and sliding door sliding in the hanging rail.



AKQ01-G-D-2463L
AKQ01-G-D-2463R



AKQ01-G-X-2463L
AKQ01-G-X-2463R



Code	Weight(g/pcs)
AKQ01-G-D-2463L	71.1
AKQ01-G-D-2463R	71.1
AKQ01-G-X-2463L	43.9
AKQ01-G-X-2463R	43.9

The first perspective

Please order as shown

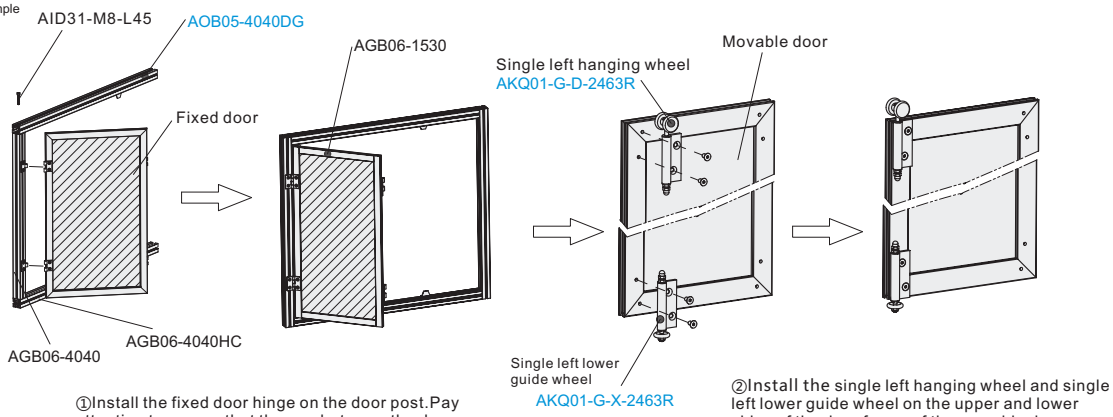
Code
AKQ01-G-D-2463R
AKQ01-G-X-2463R

Quotation Way

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Minimize procurement costs. Ordering online saves more time.
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3D model library | Example | Catalog for selection

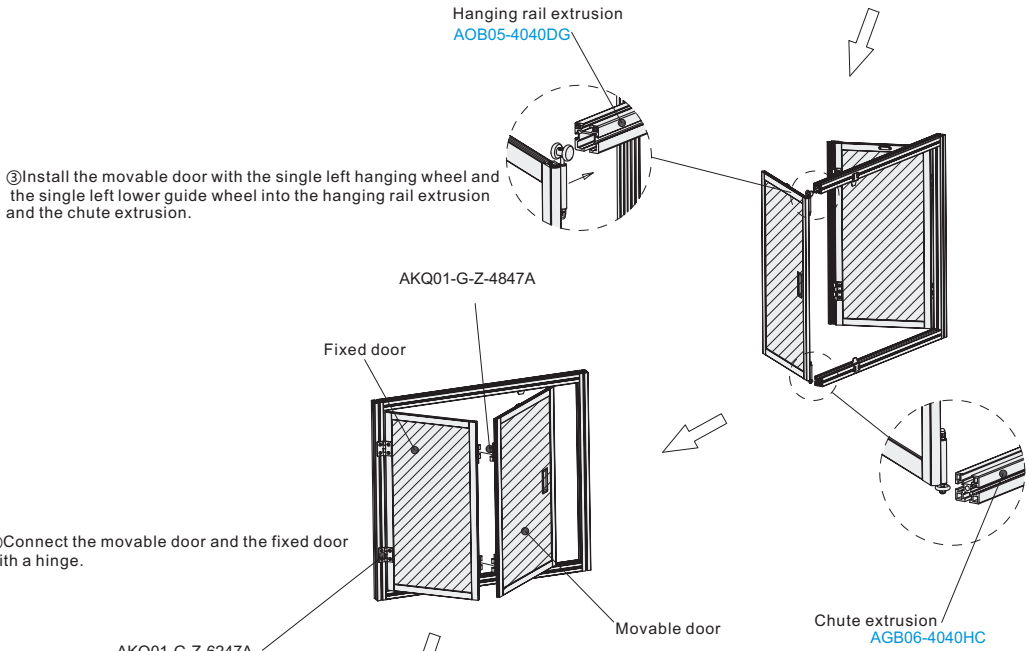
EX
Example

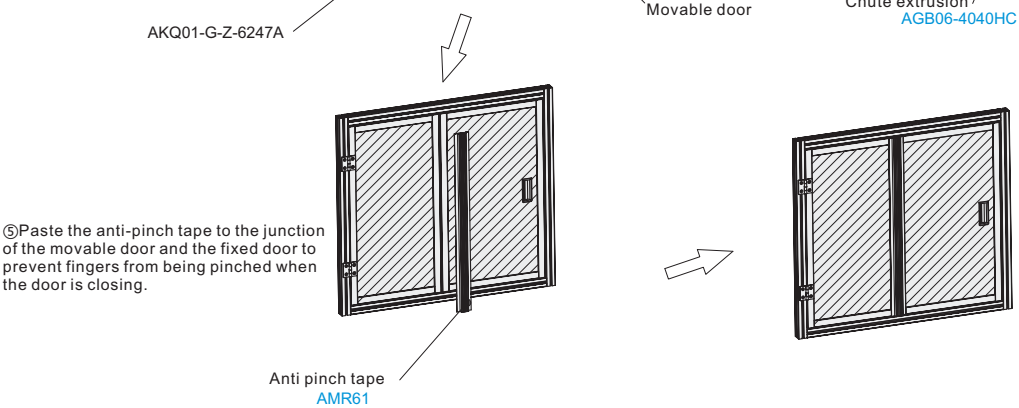
Installation method of folding door



①Install the fixed door hinge on the door post.Pay attention to ensure that the gap between the door frame and the door post is about 1~2mm.

②Install the single left hanging wheel and single left lower guide wheel on the upper and lower sides of the door frame of the movable door.

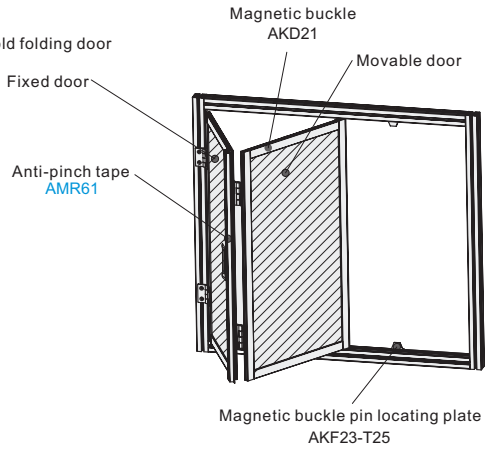


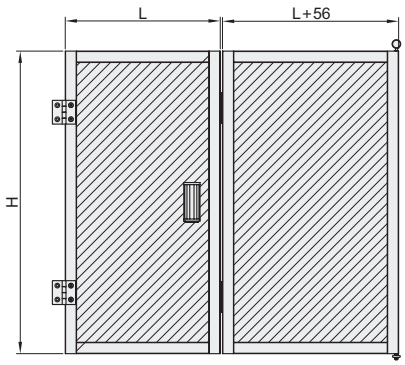


EX
Example

Usage example of folding door

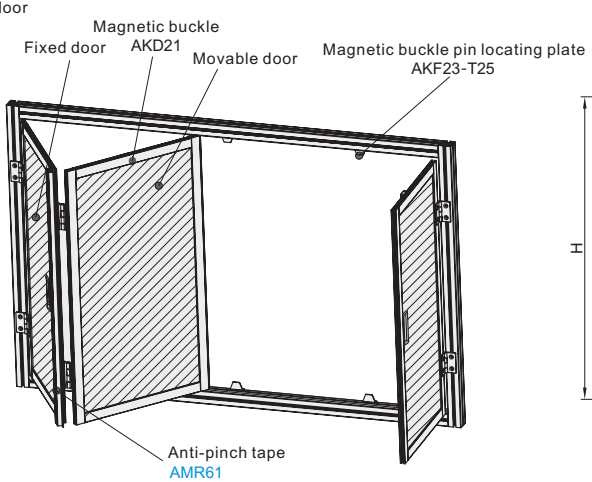
Two-fold folding door

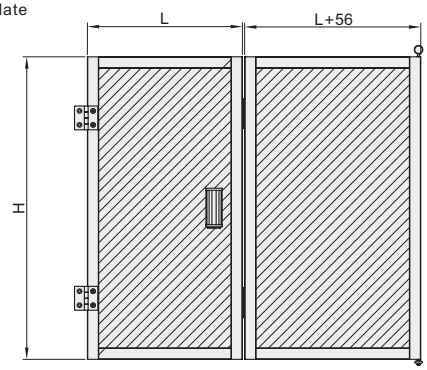




Opening dimension of the door frame

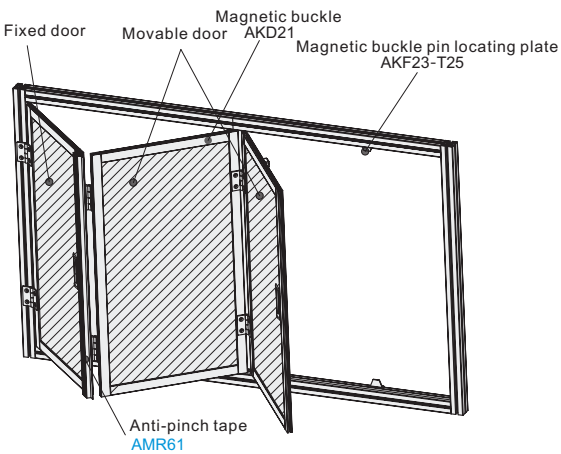
2+1 folding door

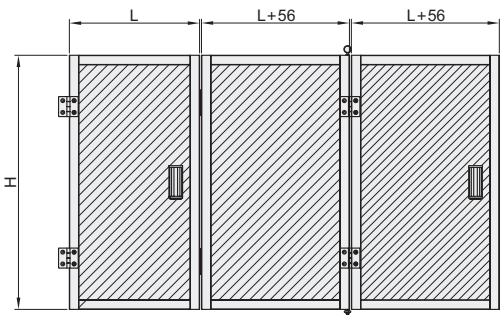




Opening dimension of the door frame

Three-fold folding door





Opening dimension of the door frame

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