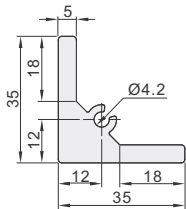


Code	Material	Surface Treatment
ATY05	A6063-T5	Sandblast Oxidation

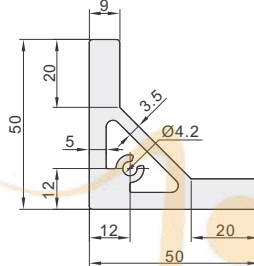
① The fracture section haven't do oxidation.



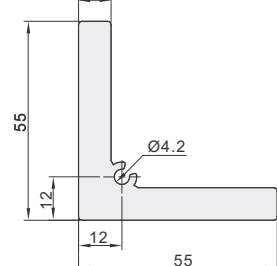
ATY05-A-3535



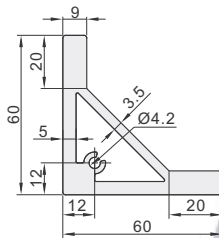
ATY05-A-5050



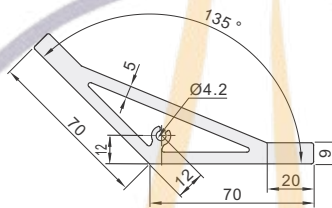
ATY05-A-5555



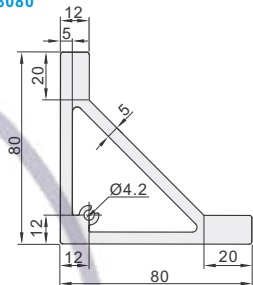
ATY05-A-6060



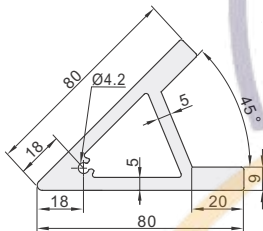
ATY05-A-7070



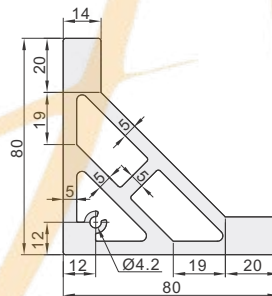
ATY05-A-8080



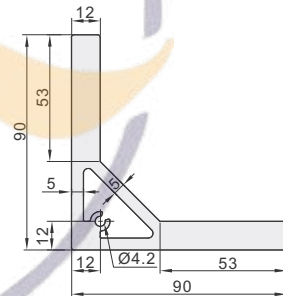
ATY05-A-8080A



ATY05-A-8080B



ATY05-A-9090



Part number		L 1mm Int.	Section dimension	Weight(Kg/m)	Sectional area(mm ²)	Moment of inertia of section	
Code	No.					tx	ty
ATY05-A	3535		35×35	1.17	413.33	3.70×10 ⁴	3.70×10 ⁴
	5050		50×50	2.35	827.36	17.88×10 ⁴	17.88×10 ⁴
	5555		55×55	2.64	932.82	24.68×10 ⁴	24.68×10 ⁴
	6060	50~4000	60×60	2.75	969.44	31.75×10 ⁴	31.75×10 ⁴
	7070		70×70	3.79	1338.62	31.54×10 ⁴	14.31×10 ⁴
	8080			4.24	1496.47	94.50×10 ⁴	94.50×10 ⁴
	8080A		80×80	3.27	1151.78	34.17×10 ⁴	45.93×10 ⁴
	8080B			5.31	1871.91	105.26×10 ⁴	105.26×10 ⁴
	9090	50~3000	90×90	5.37	1895.84	145.21×10 ⁴	145.21×10 ⁴



Please order as shown

Part number	L 1mm Int.
Code No.	
ATY05-A 3535	50~4000
ATY05-A 5050	50~3000

ATY05-A—3535—L1200



Optional Processing

② Code ATY05-A—3535—L1200—S

Additional project	Code	Spec.
Panel mounting threaded hole processing	S	Process the threaded holes for mounting the panel on the side of the angle plates(single side M5 threaded hole depth 15mm) M5 depth 15

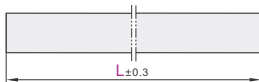
10 series

Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

① The fracture section haven't do oxidation.

□ L length tolerance.

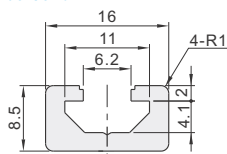
□ Maximum length of use: 3800~3850mm.
The whole standard length: 4000mm.



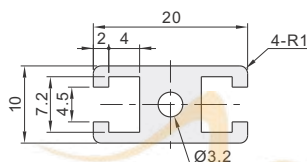
(When L > 1000mm, length dimension tolerance is ±0.5)



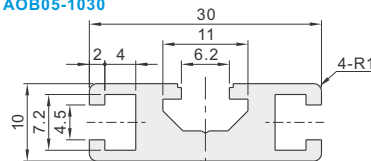
AOB05-8516



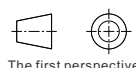
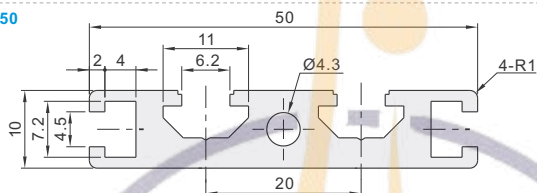
AOB05-1020



AOB05-1030



AOB05-1050



Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _x max (mm ³)	W _y max (mm ³)
AOB05	8516	50~2000	8.5×16	0.24	83.76	0.06×10 ⁴	0.25×10 ⁴	70.70	505.29
	1020		10×20	0.33	115.50	0.14×10 ⁴	0.30×10 ⁴	272.60	296.50
	1030	50~4000	10×30	0.49	172.16	0.18×10 ⁴	1.14×10 ⁴	329.53	758.60
	1050		10×50	0.87	306.26	0.31×10 ⁴	5.68×10 ⁴	550.73	2271.48



Please order as shown

Part number		L
Code	No.	0.5mm Int.
AOB05	1020	50~4000
	1030	

AOB05 — 1020 — L400

Quotation Way



15 series

Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

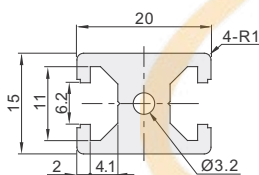
① The cut surface is not oxidized.

□ L length tolerance

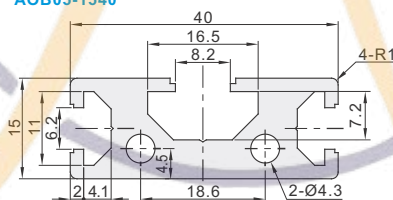
□ Maximum length of use: 3800~3850mm
The whole standard length: 4000mm



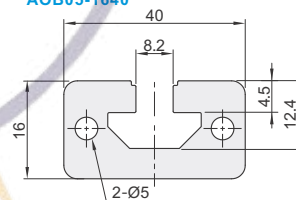
AOB05-1520



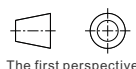
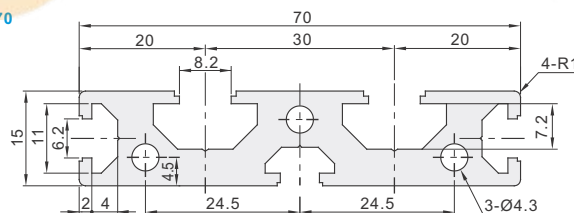
AOB05-1540



AOB05-1640



AOB05-1570



Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _x max (mm ³)	W _y max (mm ³)
AOB05	1520		15×20	0.53	188.34	0.48×10 ⁴	0.49×10 ⁴	638.27	486.70
	1540	50~4000	15×40	0.98	345.63	0.83×10 ⁴	4.55×10 ⁴	1007.66	2275.15
	1570		15×70	1.72	608.02	1.37×10 ⁴	24.63×10 ⁴	1669.78	7036.49
	1640		16×40	1.17	414.55	1.10×10 ⁴	6.93×10 ⁴	549.55	8137.44



Please order as shown

Part number		L 0.5mm Int.
Code	No.	
AOB05	1520	50~4000

AOB05 — 1520 — L400

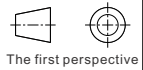
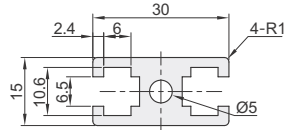
Quotation Way



15 series

Code	Material	Surface Treatment
AOB02	A6063-T6	Alkaline Sand Oxidation

① The fracture section haven't do oxidation.



The first perspective

Part number		L	Section dimension	Weight	Sectional area	Moment of inertia of section		Bending section modulus	
Code	No.	0.5mm Int.		(Kg/m)	(mm²)	tx	ty	Wxmax (mm³)	Wymax (mm³)
AOB02	H1530B	50~4000	15×30	0.70	246.41	0.70×10^4	1.47×10^4	929.87	978.33



Part number	L
Code	No.
AOB02	H1530B
50~4000	

AOB02 — H1530B — L400

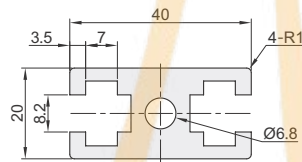


20 series

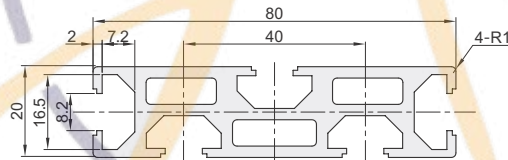
Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

① The fracture section haven't do oxidation.

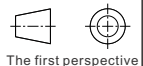
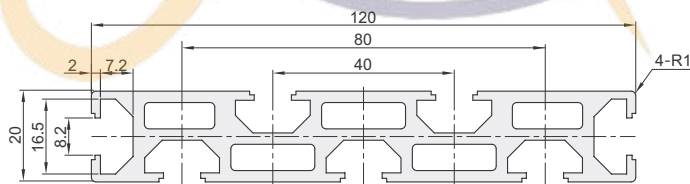
AOB05-2040M



AOB05-2080T



AOB05-20120T



The first perspective

Part number		L	Section dimension	Weight	Sectional area	Moment of inertia of section		Bending section modulus	
Code	No.	0.5mm Int.		(Kg/m)	(mm²)	tx	ty	Wxmax (mm³)	Wymax (mm³)
AOB05	2040M	50~4000	20×40	1.29	456.03	2.25×10^4	4.92×10^4	2247.00	2460.60
	2080T		20×80	2.00	705.28	2.95×10^4	36.02×10^4	2817.50	9004.78
	20120T		20×120	2.97	1048.66	4.27×10^4	123.99×10^4	4137.77	20665.22



Part number	L
Code	No.
AOB05	2040M
2080T	50~4000

AOB05 — 2040M — L400



Handle extrusion and end cap

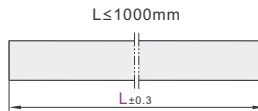
Code	Type	Material	Surface Treatment
AOB02	Handle extrusion	A6063-T6	Alkaline Sand Oxidation
ARC51	Handle end cap	PA	Light Gray (similar to RAL7038)
ARC52			Black

AOB02 The fracture section and processing hole haven't do oxidation.

Maximum length of use: 3800~3850mm.

The whole standard length: 4000mm.

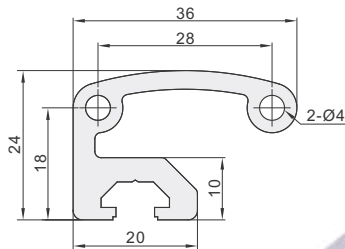
L length tolerance



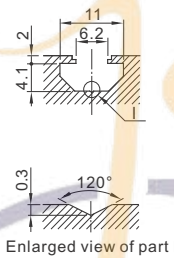
(When L > 1000, length dimension tolerance is ± 0.5)



AOB02-2436



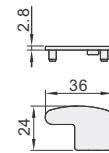
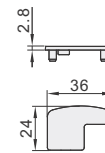
Details of notch



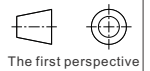
Enlarged view of part I

Handle end cap(left)
ARC51-2436-L
ARC52-2436-L

Handle end cap(right)
ARC51-2436-R
ARC52-2436-R



Code	Weight(g/pcs)
ARC51-2436-L	1.6
ARC52-2436-L	
ARC51-2436-R	
ARC52-2436-R	



The first perspective

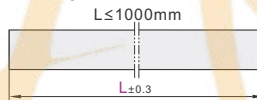
Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section	
Code	No.					tx	ty
AOB02	2436	50~4000	36×24	0.85	298.93	3.465×10 ⁴	1.745×10 ⁴

Wire groove extrusion

Code	Material	Surface Treatment
ATY05-F	A6063-T5	Sandblast Oxidation

Maximum length of use: 3800~3850mm
The whole standard length: 4000mm

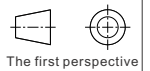
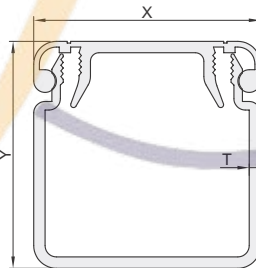
L length tolerance



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



ATY05-F-3030CD
ATY05-F-3060CD
ATY05-F-4040CD
ATY05-F-4080CD
ATY05-F-5050CD



The first perspective

Part number		L 0.5mm Int.	X	Y	T	Weight (Kg/m)	Sectional area (mm ²)
Code	No.						
ATY05-F	3030CD	50~4000	30	30	2	0.75	263.66
	3060CD		60	30	2	1.09	383.66
	4040CD		40	40	2	0.97	343.66
	4080CD		80	40	2	1.43	504.66
	5050CD		50	50	2	2.02	711.24



Please order as shown

Part number		L 0.5mm Int.
Code	No.	
ATY05-F	3030CD 4040CD	50~4000
ATY05-F—3030CD—L800		

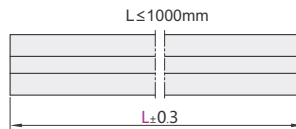


Quotation
Way

Code	Type	Material	Surface Treatment
ATS05	Fence Series	A6063-T5	Sandblast Oxidation

- ① The fracture section haven't do oxidation.
 ② Maximum length of use: 3800~3850mm.
 The whole standard length: 4000mm.

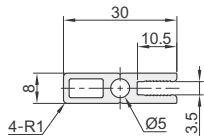
■ L length tolerance



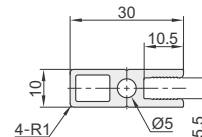
(When L > 1000, length dimension tolerance is ± 0.5)



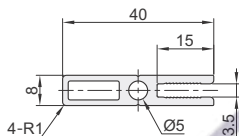
ATS05-C-3003



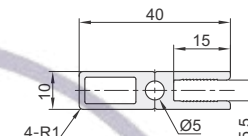
ATS05-C-3005



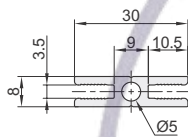
ATS05-C-4003



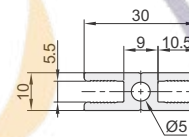
ATS05-C-4005



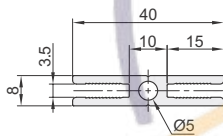
ATS05-H-3003



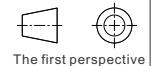
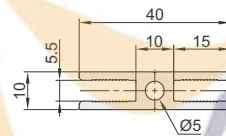
ATS05-H-3005



ATS05-H-4003



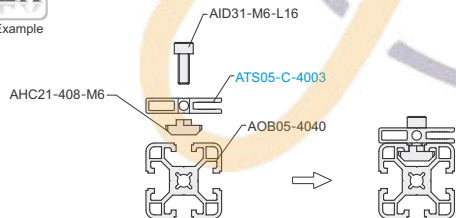
ATS05-H-4005



■ For 3mm plate

Exploded drawing

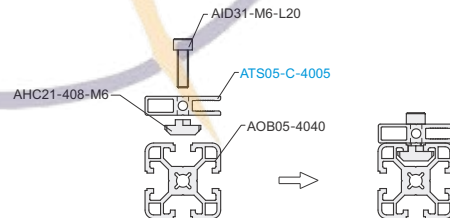
Assembly drawing



■ For 5mm plate

Exploded drawing

Assembly drawing



Part number			L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	Section	No.					I _x	I _y	W _x max (mm ³)	W _y max (mm ³)
ATS05	C	3003	50~4000	30×8	0.39	136.05	0.11×10 ⁴	0.98×10 ⁴	72.39	2461.25
	C	3005		30×10	0.45	157.05	0.20×10 ⁴	1.06×10 ⁴	134.81	2116.27
	C	4003		40×8	0.50	177.20	0.15×10 ⁴	2.24×10 ⁴	70.97	5601.18
	C	4005		40×10	0.57	200.20	0.27×10 ⁴	2.37×10 ⁴	131.94	4747.38
	H	3003		30×8	0.40	142.46	0.12×10 ⁴	0.98×10 ⁴	76.96	2443.22
	H	3005		30×10	0.45	160.47	0.21×10 ⁴	0.99×10 ⁴	142.40	1979.37
	H	4003		40×8	0.54	189.76	0.15×10 ⁴	2.33×10 ⁴	77.25	5812.74
	H	4005		40×10	0.59	209.76	0.28×10 ⁴	2.34×10 ⁴	141.75	4683.61



Part number			L 0.5mm Int.	Section dimension
Code	Section	No.		
ATS05	C	3003	50~4000	30×8
	C	3005		30×10

ATS05—C—3003—L350



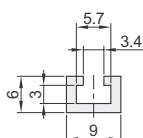
Code	Type	Material	Surface Treatment
ATS05	Optical fiber mount	A6063-T5	Sandblast Oxidation

- ① The fracture section haven't do oxidation.
 ② Maximum length of use of optical fiber mounting plate:2000m.

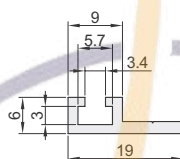
■ L length tolerance



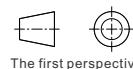
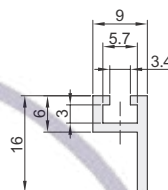
ATS05-609



ATS05-619



ATS05-169



Part number		L 1mm Int.	Section dimension	Weight(Kg/m)	Sectional area(mm ²)	Moment of inertia of section	
Code	No.					I_x	I_y
ATS05	609		6×9	0.09	31.80	0.03×10^4	0.01×10^4
	619	50~2000	6×19	0.15	51.77	0.50×10^4	0.02×10^4
	169		16×9	0.14	48.30	0.09×10^4	0.05×10^4

■ Selection table of general aluminum alloy extrusion accessories

Type of notch	Applicable accessories	Type of notch	Applicable accessories
	The fastening nut in the groove is a standard hexagon nut TBK55-M3		Choose national standard 30 series extrusion accessories
	Choose EU standard 20 series extrusion accessories		Choose national standard 40 series extrusion accessories
	Choose EU standard 30 series extrusion accessories		Choose EU standard 4010 series extrusion accessories
	Choose EU standard 408 series extrusion accessories		



Please order as shown

Part number		L 1mm Int.	Section dimension
Code	No.		
ATS05	609	50~2000	6×9
	619		6×19
ATS05—609—L350			

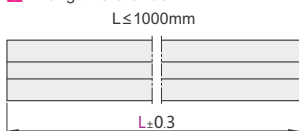
Quotation
Way



Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

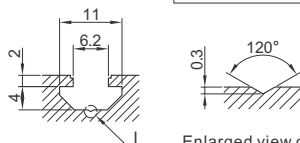
- ① The fracture section haven't do oxidation.
- ② Maximum length of use: 3800~3850mm;
The whole standard length: 4000mm.

■ L length tolerance



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

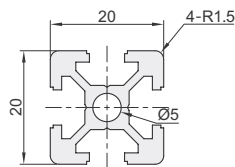
■ Details of notch



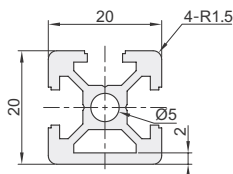
Enlarged view of part I



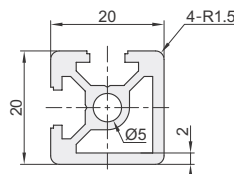
AOB05-2020



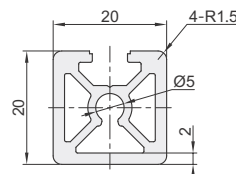
AOB05-2020A



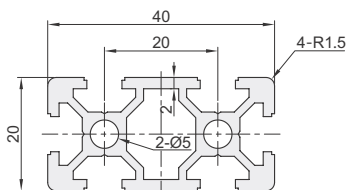
AOB05-2020B



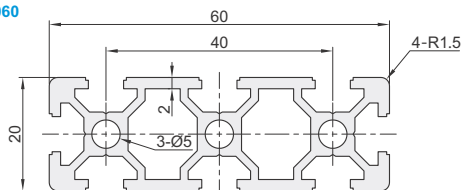
AOB05-2020C



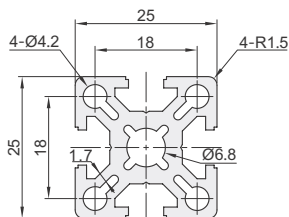
AOB05-2040



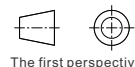
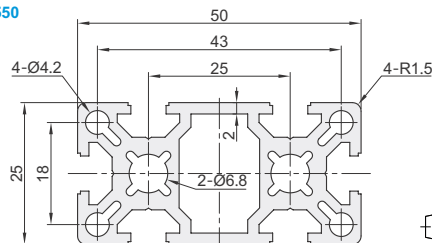
AOB05-2060



AOB05-2525



AOB05-2550



The first perspective

Part number Code	No.	L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
						I_x	I_y	$W_{xmax}(mm^3)$	$W_{ymax}(mm^3)$
AOB05	2020	50~4000	20×20	0.49	172.64	0.73×10^4	0.73×10^4	728.80	728.80
	2020A			0.53	185.70	0.73×10^4	0.83×10^4	689.81	827.20
	2020B			0.53	185.09	0.75×10^4	0.84×10^4	736.79	818.38
	2020C			0.56	199.21	0.82×10^4	0.92×10^4	817.54	883.87
	2040		20×40	0.85	297.99	1.30×10^4	4.90×10^4	1296.50	2449.45
	2060		20×60	1.20	423.34	1.86×10^4	15.03×10^4	1864.10	5009.57
	2525		25×25	0.84	295.37	1.67×10^4	1.67×10^4	1334.88	1334.88
	2550		25×50	1.42	501.11	3.10×10^4	12.45×10^4	2478.96	4981.16



Please order as shown

Part number	L	Section dimension
Code	No.	0.5mm Int.
AOB05	2020B	50~4000
AOB05	2040	20×40

AOB05—2040—L350

■ Optional processing

Part number	L	Optional processing code
Code	No.	0.5mm Int.
AOB05	2020B	50~4000
AOB05	2040	LM, RM, DM

AOB05—2040—L350—RM



■ End face screw hole machining

Code	Spec.
	Change through hole to screw hole
	Selection method LM/RM/DM
LM(Left end)	
RM(Right end)	
DM(Double end)	
	① Change through hole Ø5 to screw hole M6 depth 15

① See P469~474 for optional processing.

Die-cast angle plates

Code	Type	Material	Surface Treatment
ABB11-206	Die-cast angle plates	ADC12	Sandblasting/Grinding

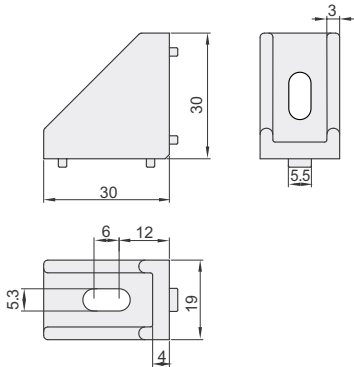
Used for reinforcement of external connection and internal connection of extrusion fixed angle.

Place the nut in the extrusion groove, and fasten the angle plate with the extrusion with bolts.



ABB11-206-2020

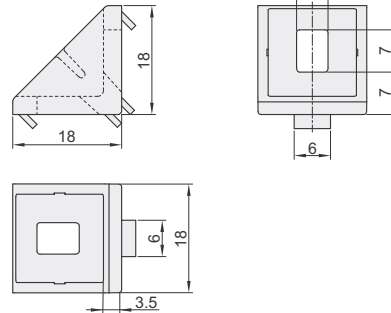
Surface Treatment: Sandblasting



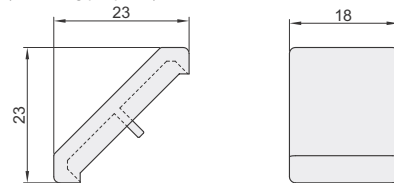
Code	Weight (g/pcs)
ABB11-206-2020	16
ABB11-206-2020G	

ABB11-206-2020G(With cover plate)

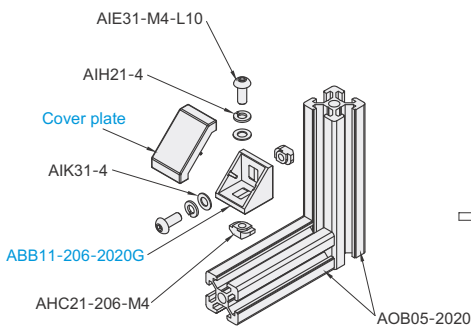
Surface Treatment: grinding



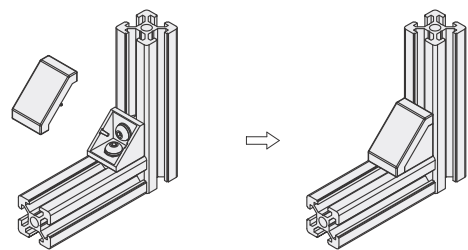
Cover plate(matching purpose)



Exploded drawing



Assembly drawing



Code **ABB11-206-2020-SET-OB**
ABB11-206-2020G-SET-OB



Code
ABB11-206-2020
ABB11-206-2020G



Optional processing

Part number	Optional processing code
ABB11-206-2020	SET-OB
ABB11-206-2020G	S

ABB11-206-2020-SET-OB



Optional Processing

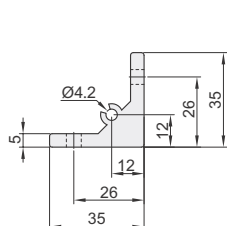
Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Machine the threaded holes for mounting the panel on the side of the angle plates(single-side M5 threaded holes) Threaded hole position 12
Equipped with suitable bolts, T-nuts, washer and spring washer	SET-OB	When specifying the SET, it is equipped with bolts, nuts, and washers to fix the angle plates on the extrusion. Bolt: AIE31-M4-L10 T nut: AHC21-206-M4 Washer: AIK31-4 Spring washer: AIH21-4



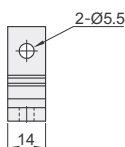
Extruding angle plate

Code	Type	Material	Surface Treatment
ABC01-206	Extruding Angle Plates	A6063-T5	Sandblast Oxidation

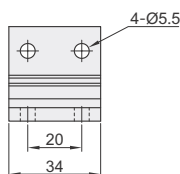
- Used for external connection of the extrusion at a fixed angle, and the sealing plate can be fixed.
- According to the design requirements, the hole distance and length can be processed according to drawings.
- This series of extruding angle plates is not suitable for AOB05-2550.



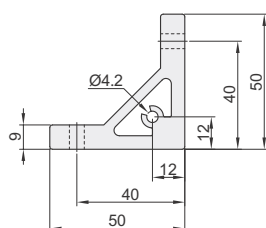
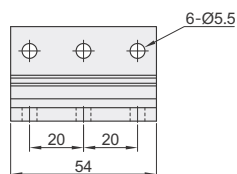
ABC01-206-35-14



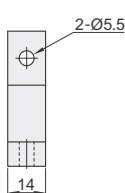
ABC01-206-35-34



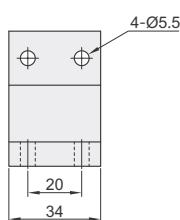
ABC01-206-35-54



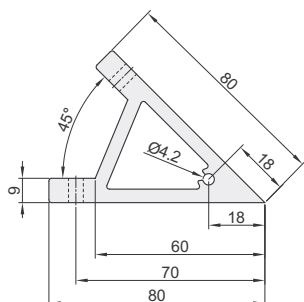
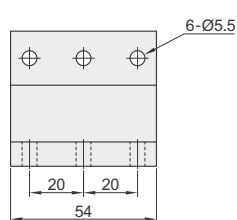
ABC01-206-50-14



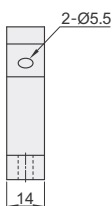
ABC01-206-50-34



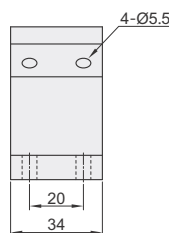
ABC01-206-50-54



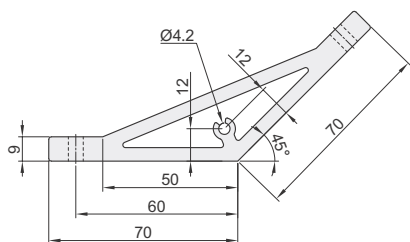
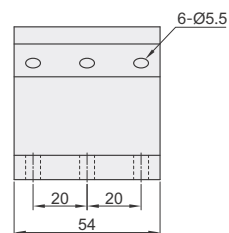
ABC01-206-80A-14



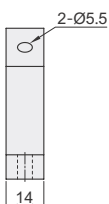
ABC01-206-80A-34



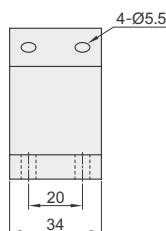
ABC01-206-80A-54



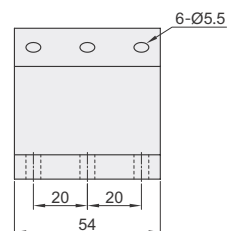
ABC01-206-70-14



ABC01-206-70-34



ABC01-206-70-54



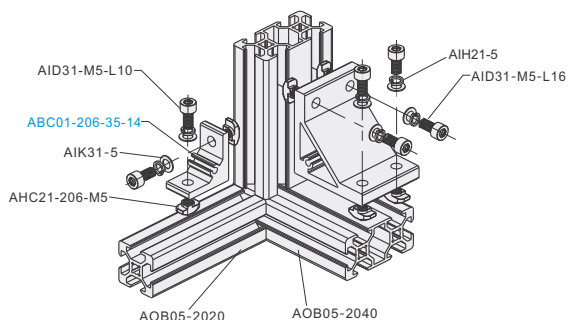
Code	Weight (g/pcs)
ABC01-206-35-14	14.4
ABC01-206-35-34	35.2
ABC01-206-35-54	56
ABC01-206-50-14	28
ABC01-206-50-34	69
ABC01-206-50-54	109

Code	Weight (g/pcs)
ABC01-206-80A-14	40.5
ABC01-206-80A-34	96
ABC01-206-80A-54	152
ABC01-206-70-14	46.6
ABC01-206-70-34	116
ABC01-206-70-54	185

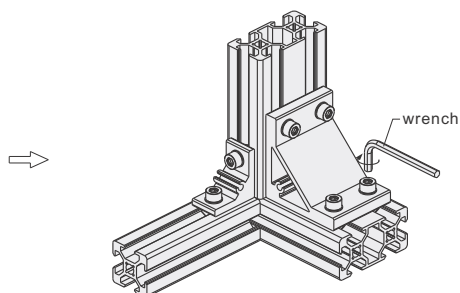


Example
使用示例

Exploded drawing



Assembly drawing



Please order
as shown

Code
ABC01-206-70-14
ABC01-206-70-34

Optional processing

Part number	Optional processing code
ABC01-206-70-14	SET-OB
ABC01-206-70-34	SET-OB
ABC01-206-70-14-S	

Part number	Optional processing code
ABC01-206-70-14	SET-OB
ABC01-206-70-34	SET-OB
ABC01-206-70-14-S-SET-OB	

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Machine the threaded holes for mounting the panel on the side of the angle plates(single-side M5 threaded holes) Threaded hole position
Equipped with suitable bolts, T-nuts, washer and spring washer	SET-OB	When specifying the SET, it is equipped with bolts, nuts, and washers to fix the angle plates on the extrusion. Bolt: AID31-M5-L10 T nut: AHC21-206-M5 Washer: AIK31-5 Spring washer: AIH21-5

Note: According to the different angle plates thicknesses, different specifications of bolts are equipped.

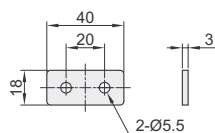
Code	Type	Material	Surface Treatment
ACC31-206	Extrusion Connecting Plate	SUS304	Single face wiredrawing

① Used for high-strength connection of extrusion linear type, cross-shaped, L-shaped and T-shaped structures.

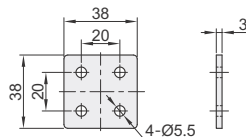
② According to design requirements, the hole distance and length can be customized according to drawing.



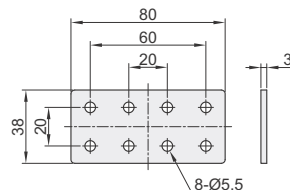
ACC31-206-Y-2020



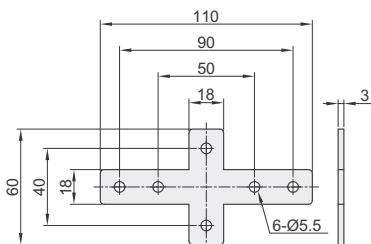
ACC31-206-Y-2040C



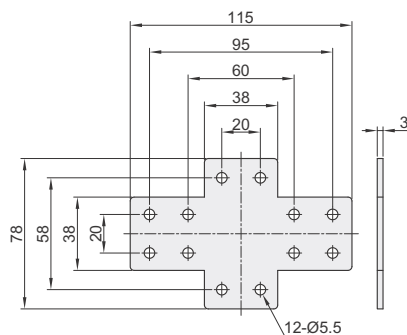
ACC31-206-Y-2040



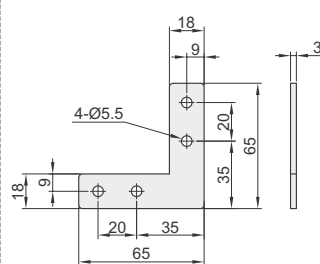
ACC31-206-X-2020



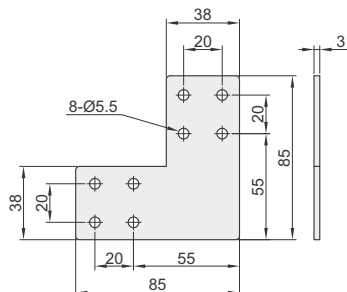
ACC31-206-X-2040



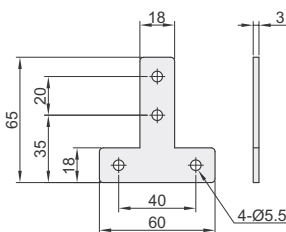
ACC31-206-L-2020



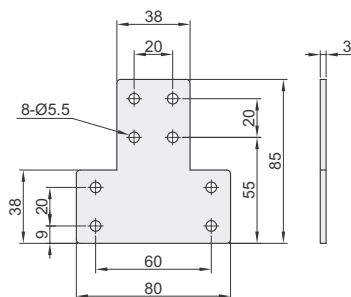
ACC31-206-L-2040



ACC31-206-T-2020



ACC31-206-T-2040



Code	Weight(g/pcs)	Code	Weight(g/pcs)
ACC31-206-Y-2020	15.4	ACC31-206-L-2020	44.8
ACC31-206-Y-2040	66	ACC31-206-L-2040	113
ACC31-206-Y-2040C	30	ACC31-206-T-2020	42.7
ACC31-206-X-2020	54	ACC31-206-T-2040	108
ACC31-206-X-2040	129		



Optional Processing

Code ACC31-206-Y-2020-SET-OB

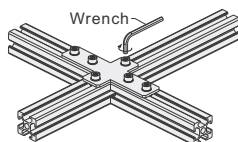
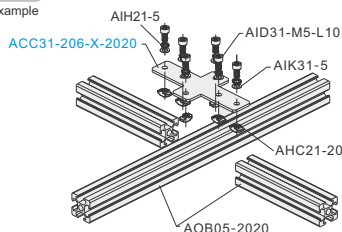
Add processing project	Code	Spec.
Equipped with suitable bolts, T-nuts, washer and spring washer	SET-OB	When specifying the SET, it is equipped with bolts, nuts, and washers to fix the connecting plate on the extrusion. Bolt: AID31-M5-L10 T nut: AHC21-206-M5 Washer: AIK31-5 Spring washer: AIH21-5



Example of using cross-shaped connecting plate

Exploded drawing

Assembly drawing



Please order as shown

Code
ACC31-206-T-2020
ACC31-206-T-2040

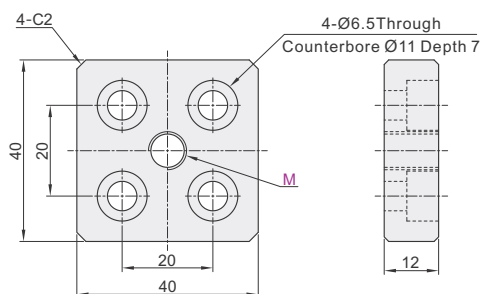


Leveling mounts Connection Plate

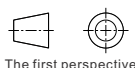
Code	Type	Material	Surface Treatment
ACF23-206	Leveling mounts Connecting Plate	Carbon Steel	Chrome Plating

Used for connection of extrusion and leveling mounts.

ACF23-206-4420-M12



Code	Weight(g/pcs)
ACF23-206-4420-M12	107



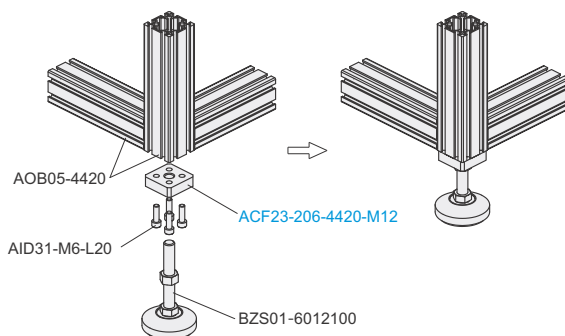
The first perspective



Example

Exploded drawing

Assembly drawing

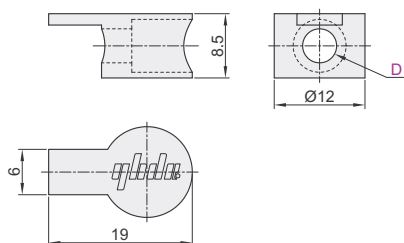


Built-in Connector

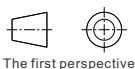
Code	Type	Material	Surface Treatment
ADJ31-206	Built-in Connector	SUS304	Grinding and sandblasting
ADJ42-206		Zinc Alloy	Nickel Plating

Used for internal connection between extrusions at 90 degrees, with high connection strength.

ADJ31-206-D4.5
ADJ42-206-D4.5



Code	Weight(g/pcs)
ADJ31-206-D4.5	5.1
ADJ42-206-D4.5	4.2



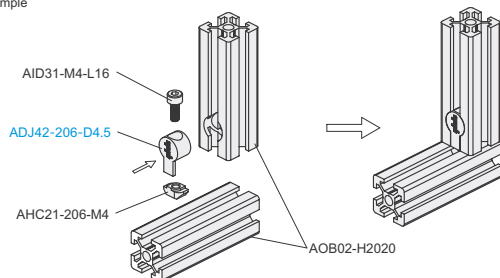
The first perspective



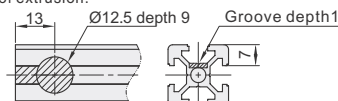
Example

Exploded drawing

Assembly drawing



Processing dimension of extrusion:



See page P415 for details of post-processing codes.



Code
ADJ31-206-D4.5
ADJ42-206-D4.5



Optional Processing

Code ADJ31-206-D4.5-SET-OB ADJ42-206-D4.5-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolts and T-nuts.	SET-OB	When specifying the SET, it is equipped with bolts and nuts for use with connectors. Bolts: AID31-M4-L16 T nuts: AHC21-206-M4 AHC31-206-M4

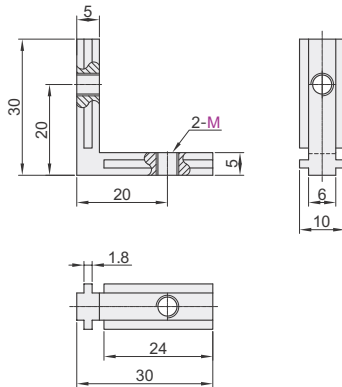
❑ Casting angle groove connector

Code	Type	Material	Surface Treatment
ADQ21-206	Casting Angle Groove Connector	Carbon Steel	Galvanized
ADQ31-206		SUS304	—

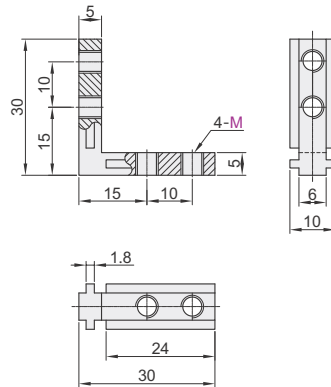
❑ Used for internal connection between extrusions at 90 degrees, convenient.



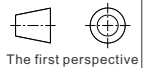
ADQ21-206-M5
ADQ31-206-M5



ADQ21-206-M5-S
ADQ31-206-M5-S

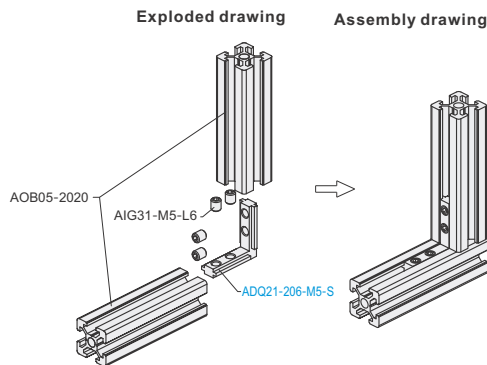


Code	Weight(g/pcs)
ADQ21-206-M5	13.9
ADQ31-206-M5	13.6
ADQ21-206-M5-S	12
ADQ31-206-M5-S	12

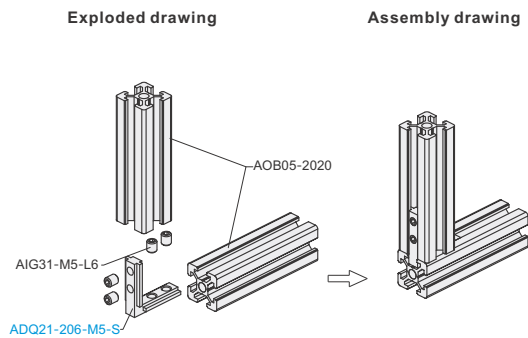


Example

Inside Installation



Outside Installation



Code
ADQ21-206-M5
ADQ31-206-M5



❑ Code ADQ21-206-M5-SET-OB
ADQ21-206-M5-S-SET-OB

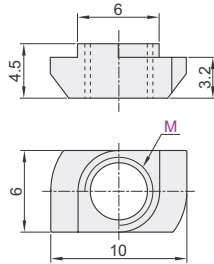
Add processing project	Code	Spec.
Equipped with suitable set screw	SET-OB	When specifying the SET, it is equipped with set screw for use with connectors. Set screw: AIG31-M5-L6

T nut

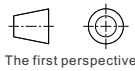
Code	Type	Material	Surface Treatment
AHC21-206	T nut	Carbon steel	Nickel plating
AHC22-206			Galvanized

The special post-installed nut for the extrusion is convenient and quick to use.

AHC21-206-M4
AHC21-206-M5
AHC22-206-M4
AHC22-206-M5



Code	Weight(g/pcs)
AHC21-206-M4	1.2
AHC21-206-M5	1.0
AHC22-206-M4	1.2
AHC22-206-M5	1.0



Example

Exploded drawing

Assembly Drawing

AID31-M4-L16

ADJ42-206-D4.5

AHC21-206-M4



AOB02-H2020



Please order as shown



Code
AHC22-206-M4
AHC22-206-M5

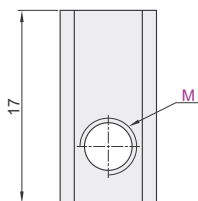
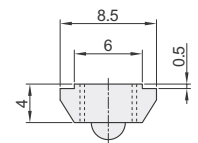


After loading marble nut

Code	Type	Material	Surface Treatment
AHK22-206	After Loading Marble Nut	Carbon Steel	Galvanized

The special post-installed nut for extrusion can be positioned at any point in the extrusion groove.

AHK22-206-M3
AHK22-206-M4
AHK22-206-M5



Code	Weight(g/pcs)
AHK22-206-M3	2.8
AHK22-206-M4	2.7
AHK22-206-M5	2.6



The first perspective

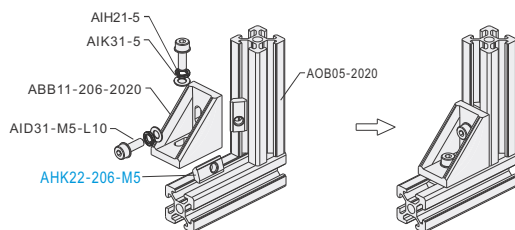


Example



Exploded Drawing

Assembly Drawing



Please order as shown



Code
AHK22-206-M4
AHK22-206-M5

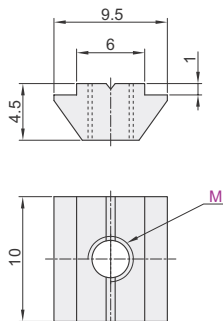


Slide Nut

Code	Type	Material	Surface Treatment
AHN21-206	Slide Nut	Carbon Steel	Galvanized

⚠ The special pre-installed nut for aluminum extrusion ,with high strenth connection.

AHN21-206-M4
AHN21-206-M5
AHN21-206-M6



Code	Weight(g/pcs)
AHN21-206-M4	2.8
AHN21-206-M5	2.5
AHN21-206-M6	2.3

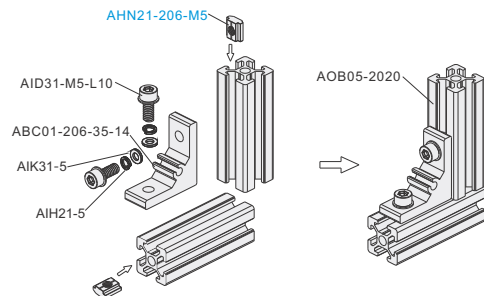


The first perspective



Exploded Drawing

Assembly Drawing



Code
AHN21-206-M4
AHN21-206-M5



EU Standard 20 Series Extrusion Accessories-Sealing Part

Panel layering

Code	Type	Material	Color
AML71	Panel layering	TPV	light grey (similar to RAL7001)
AML72			Black

It is used to fix glass or board, widely used in various types of extrusion.

Press in along the gap of the installed board extrusion.

Sales unit: meter.

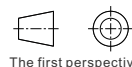
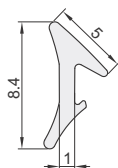
AML71-C

AML72-C

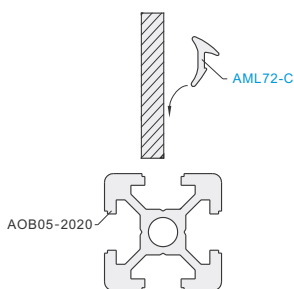
Code	Minimum unit	Weight(g/m)
AML71-C	1m	41.7
AML72-C		41.7

Order quantity X minimum unit(1m)=Actual length in meters

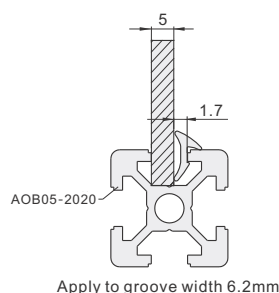
Max length:500 meter/roll



Exploded Drawing



Assembly Drawing

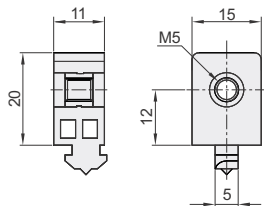


Spaced Fixed Block

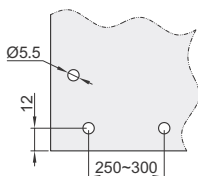
Code	Type	Material	Color
AMV53	Spaced Fixed Block	PA	light grey (similar to RAL7030)

Used for fixing plexiglass or other plates.

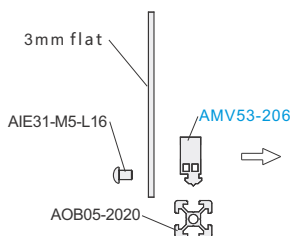
AMV53-206



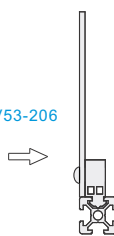
Processing dimension of the plates



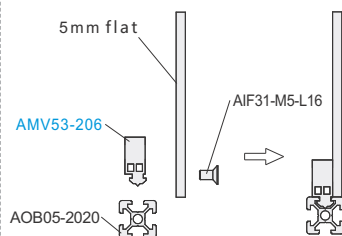
Exploded Drawing



Assembly Drawing



Exploded Drawing



Assembly Drawing



Code
AML71-C
AML72-C
AMV53-206



Code AMV53-206-SET-A
AMV53-206-SET-B

Add processing project	Code	Spec.
Equipped with suitable bolt	SET-A	When specifying the SET, it is equipped with bolts for use with spaced fixed block. Bolt: AIF31-M5-L16
Equipped with suitable bolt	SET-B	When specifying the SET, it is equipped with bolts for use with spaced fixed block. Bolt: AIE31-M5-L16

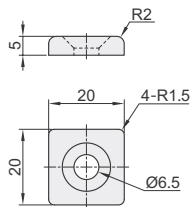
Aluminum alloy end cap

Code	Type	Material	Surface Treatment
ARC01-206	Aluminum alloy end cap	A6063-T5	Sandblast Oxidation

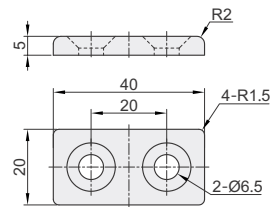
It is used in the section of the extrusion, dustproof, beautiful with firm connection.



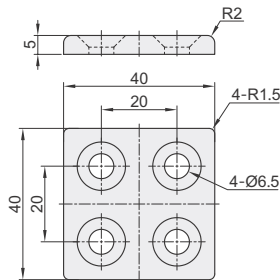
ARC01-206-2020



ARC01-206-2040

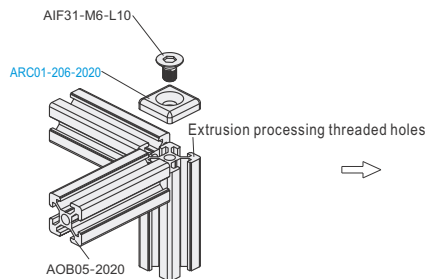


ARC01-206-4420

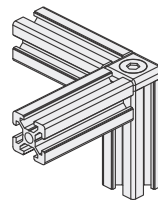


Example

Exploded Drawing



Assembly Drawing



Part number Code	Weight (g/pcs)	Applicable extrusion AOB05	Notes
ARC01-206-2020	4.5	2020 2020A 2020B 2020C	The end cap is used with AIF31-M6-L10
ARC01-206-2040	9.1	2040	
ARC01-206-4420	18.3	4420	



Code
ARC01-206-2020
ARC01-206-2040



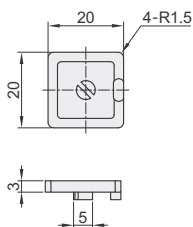
Plastic End Cap

Code	Type	Material	Color
ARC51-206	Plastic End Cap	PA	Light grey (similar to RAL7038)
ARC52-206			Black

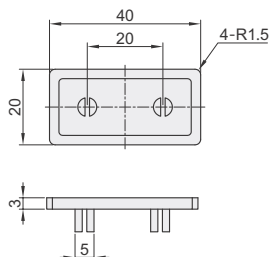
It is used in the section of the extrusion, dustproof and beautiful.



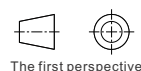
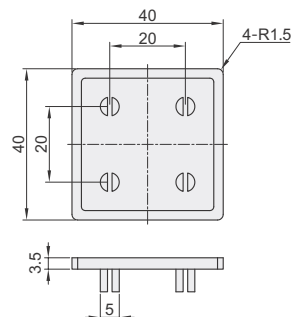
ARC51-206-2020
ARC52-206-2020



ARC51-206-2040
ARC52-206-2040



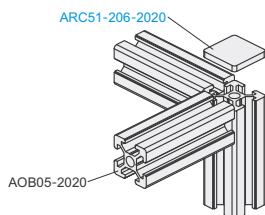
ARC51-206-4420
ARC52-206-4420



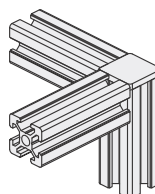
The first perspective



Exploded Drawing



Assembly Drawing



Part Number	Weight (g/pcs)	Applicable extrusion
Code		AOB05
ARC51-206-2020 ARC52-206-2020	1.2	2020 2020A 2020B 2020C
ARC51-206-2040 ARC52-206-2040	2.2	2040
ARC51-206-4420 ARC52-206-4420	5	4420



Please order as shown

Code

ARC51-206-2020
ARC52-206-2020

Quotation
Way

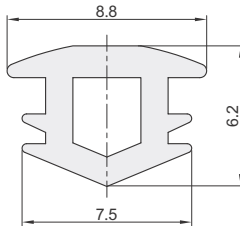


Sealing Strip

Code	Type	Material	Color
ARG51-G306	Sealing Strip	PVC	light grey (similar to RAL7047)
ARG52-G306			Black

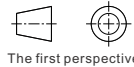
① Used for decoration of extrusion groove, dustproof and beautiful.

ARG51-G306
ARG52-G306



Code	Minimum unit	Weight(g/m)
ARG51-G306	1m	29
ARG52-G306		

- ① Order quantity × minimum unit(1m)=actual length in meters
① Maximum length of product:100 meters/roll

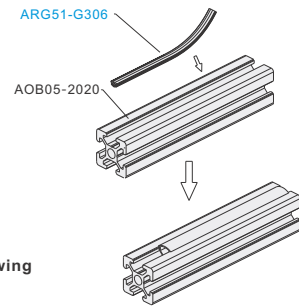


The first perspective



Example

Exploded Drawing



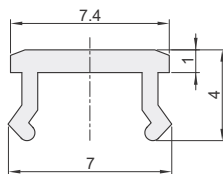
Assembly Drawing

Soft Flat Seal Groove Strip

Code	Type	Material	Color
ARK51-G306	Soft Flat Seal Groove Strip	PE	light grey (similar to RAL7047)
ARK52-G306			Black

① The extrusion groove decoration is dustproof and beautiful.

ARK51-G306
ARK52-G306



Code	Minimum unit	Weight(g/m)
ARK51-G306	1m	14
ARK52-G306		

- ① Order quantity × minimum unit(1m)=actual length in meters
① Maximum length of product:100 meters/roll
① The unit price quoted is 1 meter price

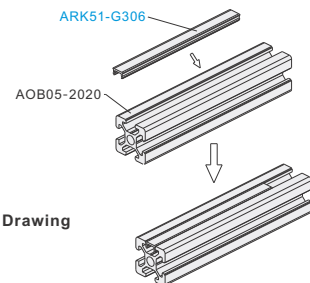


The first perspective



Example

Exploded Drawing



Assembly Drawing



Please order as shown

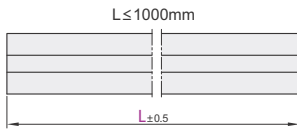
Code
ARK51-G306
ARK52-G306



Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

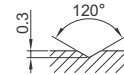
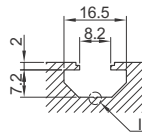
- ❗ The fracture section haven't do oxidation.
- ❗ Maximum length of use: 3800~3850mm;
The whole standard length: 4000mm.

📏 L length tolerance



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

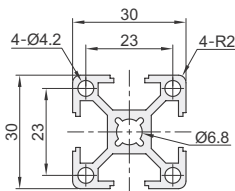
🔍 Details of notch



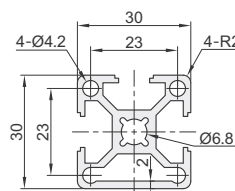
Enlarged view of part I



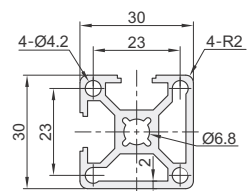
AOB05-3030



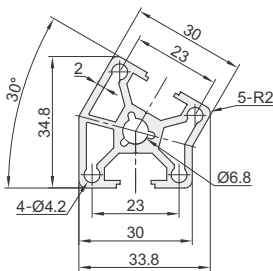
AOB05-3030A



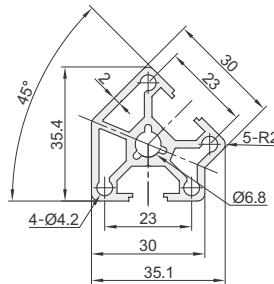
AOB05-3030B



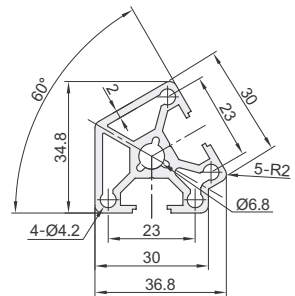
AOB05-3330



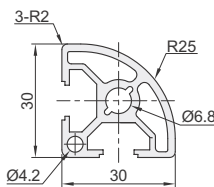
AOB05-3345



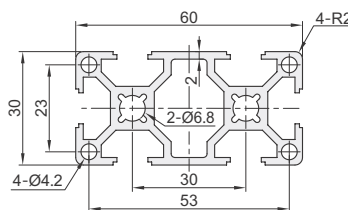
AOB05-3360



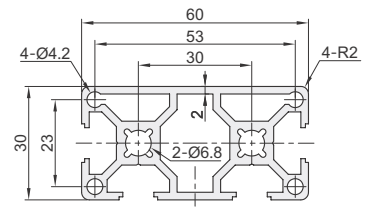
AOB05-3030R



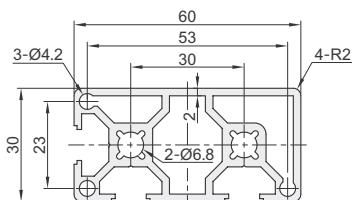
AOB05-3060



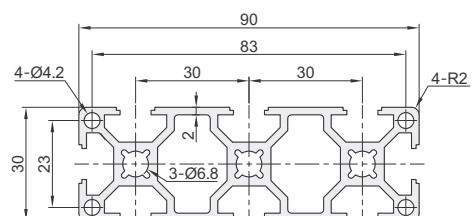
AOB05-3060A



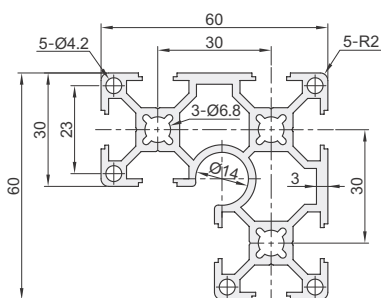
AOB05-3060B



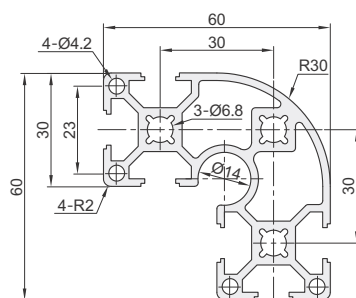
AOB05-3090



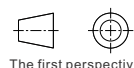
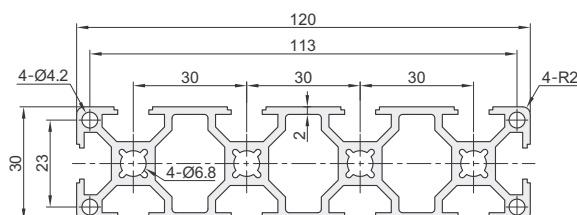
AOB05-6630



AOB05-6630R



AOB05-30120



The first perspective

Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _{xmax} (mm ³)	W _{ymin} (mm ³)
AOB05	3030	50~4000	30×30	0.84	308.56	2.74×10 ⁴	2.74×10 ⁴	1827.53	1827.53
	3030A			0.86	315.73	2.96×10 ⁴	2.67×10 ⁴	1918.28	1776.67
	3030B			0.91	333.73	2.98×10 ⁴	2.98×10 ⁴	1895.81	1895.81
	3330			0.95	346.36	2.72×10 ⁴	3.32×10 ⁴	1371.92	1694.71
	3345			0.94	344.78	2.81×10 ⁴	3.23×10 ⁴	1370.22	1605.58
	3360			0.94	345.15	2.91×10 ⁴	3.16×10 ⁴	1464.56	1611.07
	3030R	50~4000	30×60	0.80	293.64	2.34×10 ⁴	2.34×10 ⁴	1474.11	1474.12
	3060			1.52	555.89	5.14×10 ⁴	19.37×10 ⁴	3428.80	6456.60
	3060A			1.59	582.83	5.71×10 ⁴	19.75×10 ⁴	3630.76	6583.20
	3060B			1.59	581.43	5.63×10 ⁴	20.20×10 ⁴	3608.75	6706.60
	6630		60×60	2.25	823.65	25.74×10 ⁴	25.74×10 ⁴	7355.86	7335.86
	6630R			2.13	779.63	23.66×10 ⁴	23.68×10 ⁴	7001.78	7005.90
	3090	50~4000	30×90	2.19	803.23	7.545×10 ⁴	61.01×10 ⁴	5030.07	13558.53
	30120		30×120	2.86	1049.00	9.95×10 ⁴	138.80×10 ⁴	6631.27	23133.70



Please order as shown

Part number	L	Section dimension
Code No.	0.5mm Int.	
AOB05 3030A 3030B	50~4000	30×30

AOB05—3030B—L450

Optional processing

Part number	L	Optional Processing code
Code No.	0.5mm Int.	
AOB05 3030A 3030B	50~4000	LM RM DM

AOB05—3030B—L450—RM



Optional Processing

End face screw hole machining

Code	Spec.
	Change through hole to screw hole
	Selection method
LM (Left end) RM (Right end) DM (Double end)	LM/RM/DM Change through hole Ø6.8 to screw hole M8 depth 20.

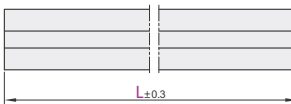
See P413~418 for optional processing.

Code	Material	Surface Treatment
ATS05	A6063-T5	Sandblast Oxidation

☑ L length tolerance

$L \leq 1000\text{mm}$

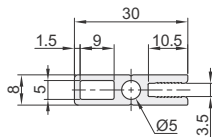
- ① The fracture section haven't do oxidation.
- ① Maximum length of use: 3800~3850mm.
- ① The whole standard length: 4000mm.



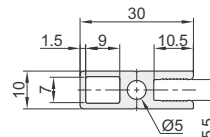
(When $L > 1000$, length dimension tolerance is ± 0.5)



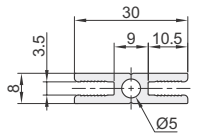
ATS05-C-3003



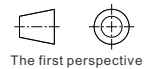
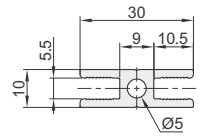
ATS05-C-3005



ATS05-H-3003



ATS05-H-3005



The first perspective

Code	Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
	Section	No. Parameters					I_x	I_y	$W_{x\max}$ (mm ³)	$W_{y\max}$ (mm ³)
ATS05	C	3003	50~4000	30×8	0.39	136.05	0.11×10^4	0.98×10^4	72.39	2461.25
	C	3005		30×10	0.45	157.05	0.20×10^4	1.06×10^4	134.81	2116.27
	H	3003		30×8	0.40	142.45	0.12×10^4	0.98×10^4	76.96	2443.22
	H	3005		30×10	0.45	160.47	0.21×10^4	0.99×10^4	142.4	1979.37



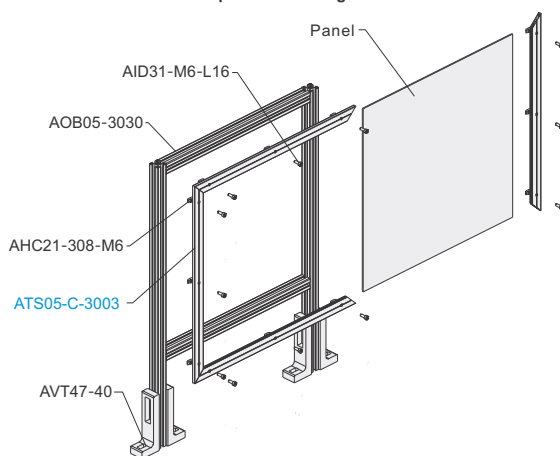
Please order as shown

Part number		L 0.5mm Int.	Section dimension
Code	No. Parameters		
ATS05	3003	50~4000	30×8
	3005		30×10

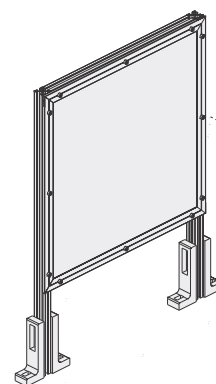
ATS05—C—3003—L450



Exploded drawing



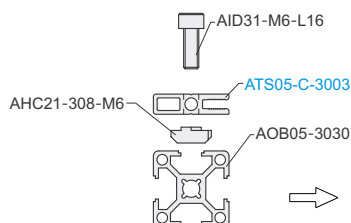
Assembly drawing



☑ For 3mm board

Exploded drawing

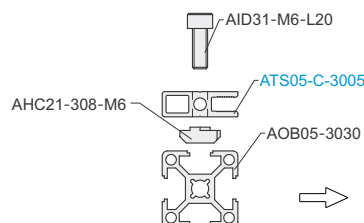
Assembly drawing



☑ For 5mm board

Exploded drawing

Assembly drawing



Code	Type	Material	Surface Treatment
ABB11-G306	Die-cast Angle Plates	ADC12	Sandblasting/Grinding

It is used to strengthen the external connection and internal connection of the fixed angle plates of the extrusion. Place the nut in the extrusion groove and fasten the angle plates with the extrusion with bolts.



ABB11-G306-3030

Surface Treatment: Sandblasting

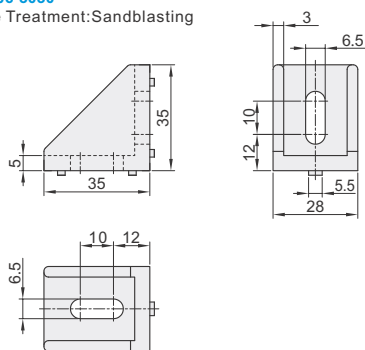


ABB11-G306-3060

Surface Treatment: Sandblasting

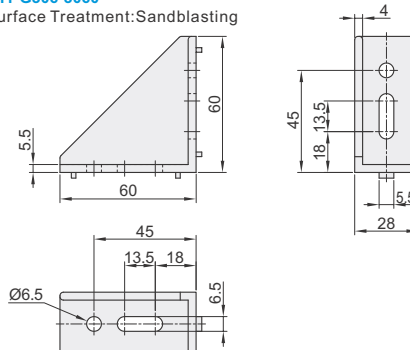


ABB11-G306-6060

Surface Treatment: Sandblasting

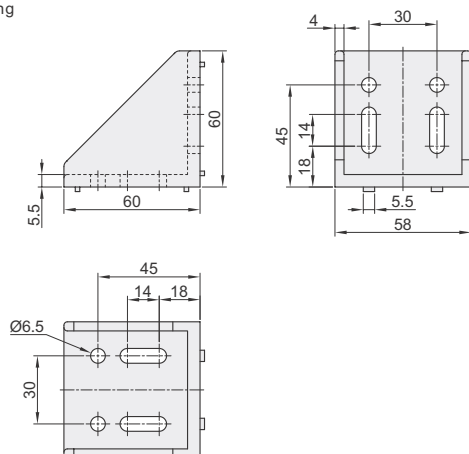
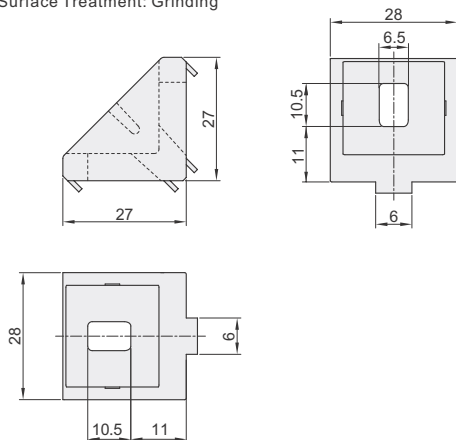


ABB11-G306-3030G(With Cover Plate)

Surface Treatment: Grinding



Cover plate(maching use)

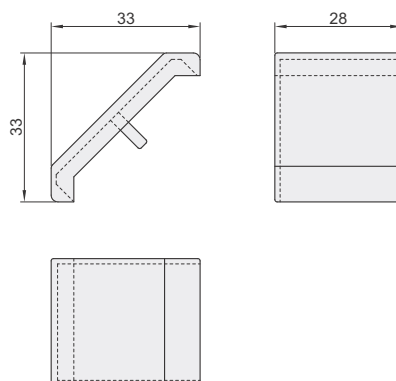
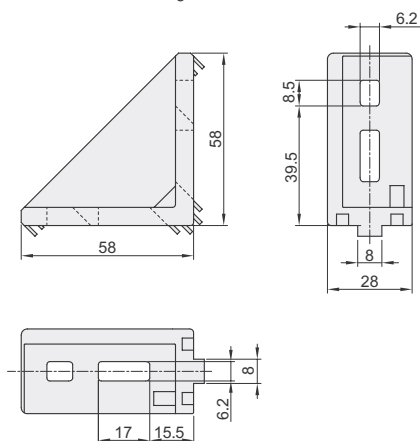
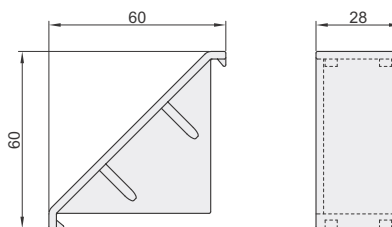


ABB11-G306-3060G(With Cover Plate)

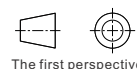
① Surface Treatment: Grinding



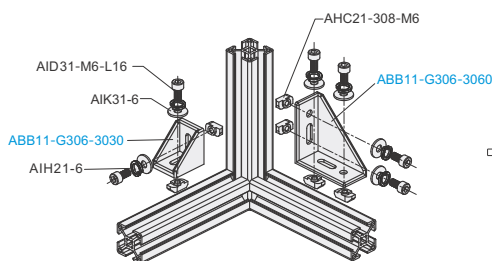
Cover plate(maching use)



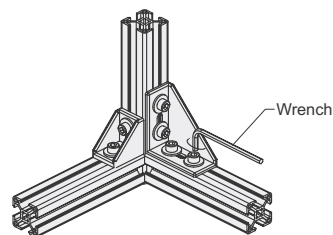
Code	Weight(g/pcs)
ABB11-G306-3030	27
ABB11-G306-3060	53
ABB11-G306-6060	95
ABB11-G306-3030G	27
ABB11-G306-3060G	67



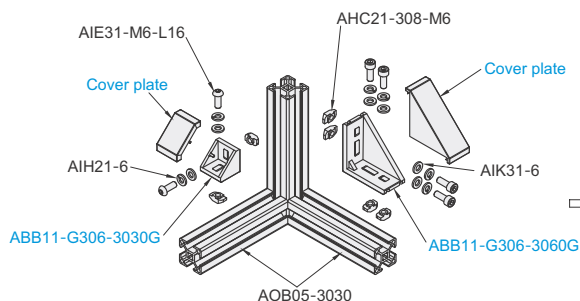
Exploded drawing



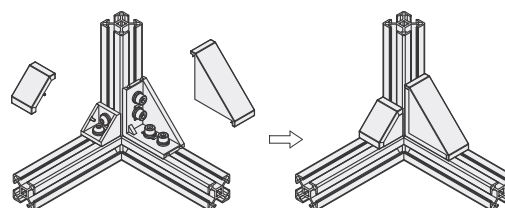
Assembly drawing



Exploded drawing



Assembly drawing



Code
ABB11-G306-3030
ABB11-G306-3060
ABB11-G306-6060



Optional processing

Part number	Optional Processing code	Part number	Optional Processing code
ABB11-G306-3030		ABB11-G306-3030	
ABB11-G306-3060	SET-OB	ABB11-G306-3060	SET-OB
ABB11-G306-6060		ABB11-G306-6060	
ABB11-G306-3030-S		ABB11-G306-3030-S-SET-OB	

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Process the threaded holes for mounting the panel on the side of the angle plate (single side M5 threaded hole)
Equipped with suitable bolts, T nuts, washer and spring washer	SET-OB	When specifying SET, it is equipped with bolts, nuts and washers to fix the angle plates on the extrusion. (example) Bolt: AID31-M6-L16 T nut: AHC21-308-M6 Washer: AIK31-6 Spring washer: AIH21-6

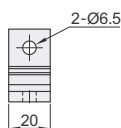
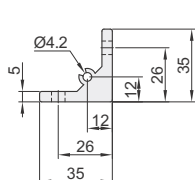


○ Extruding angle plate

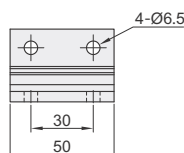
Code	Type	Material	Surface Treatment
ABC01-G306	Extruding angle plate	A6063-T5	Sandblast Oxidation

❗ Used for the external connection of the extrusion at a fixed angle, and can fix the sealing plate.

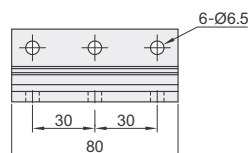
ABC01-G306-35-20



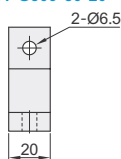
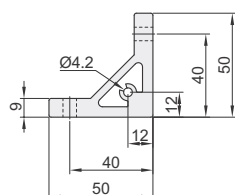
ABC01-G306-35-50



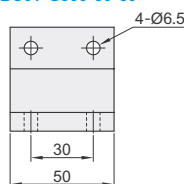
ABC01-G306-35-80



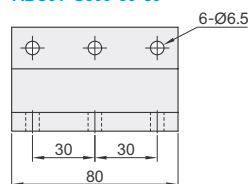
ABC01-G306-50-20



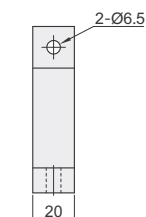
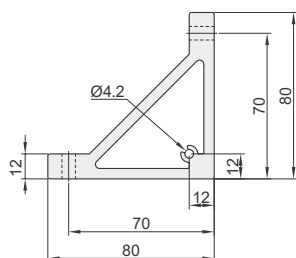
ABC01-G306-50-50



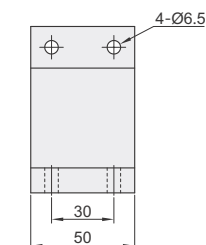
ABC01-G306-50-80



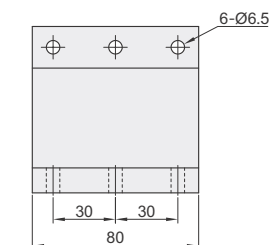
ABC01-G306-80-20



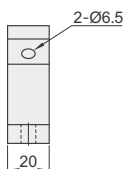
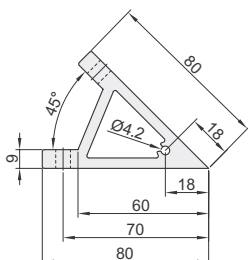
ABC01-G306-80-50



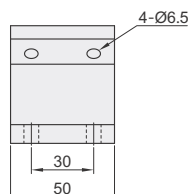
ABC01-G306-80-80



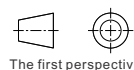
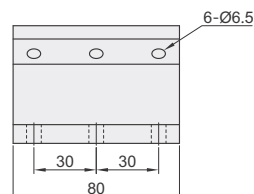
ABC01-G306-80A-20



ABC01-G306-80A-50



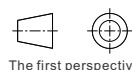
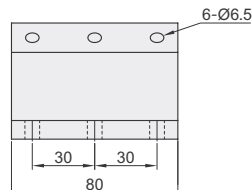
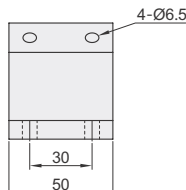
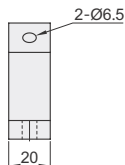
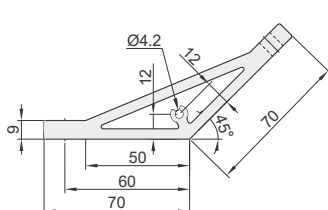
ABC01-G306-80A-80



ABC01-G306-70-20

ABC01-G306-70-50

ABC01-G306-70-80

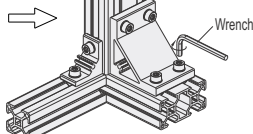
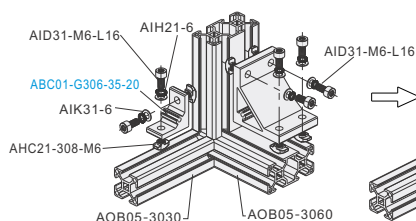


The first perspective



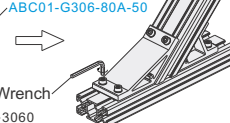
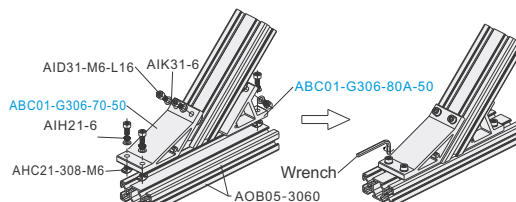
Exploded drawing

Assembly drawing



Exploded drawing

Assembly drawing



Code	Weight(g/pcs)
ABC01-G306-35-20	20.9
ABC01-G306-35-50	52
ABC01-G306-35-80	83
ABC01-G306-50-20	40
ABC01-G306-50-50	101
ABC01-G306-50-80	161

Code	Weight(g/pcs)
ABC01-G306-80-20	76
ABC01-G306-80-50	188
ABC01-G306-80-80	301
ABC01-G306-80A-20	58
ABC01-G306-80A-50	145
ABC01-G306-80A-80	232

Code	Weight(g/pcs)
ABC01-G306-70-20	66
ABC01-G306-70-50	170
ABC01-G306-70-80	264



Please order as shown

Code
ABC01-G306-70-20
ABC01-G306-70-50



Optional Processing

Optional processing

Part number	Optional processing code
ABC01-G306-70-20	SET-OB
ABC01-G306-70-50	SET-OB
ABC01-G306-70-20-S	

Part number	Optional processing code
ABC01-G306-70-20	SET-OB
ABC01-G306-70-50	SET-OB
ABC01-G306-70-20-S-SET-OB	

Code ABC01-G306-50-50-S-SET-OB

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Process the threaded holes for mounting the panel on the side of the angle plate (single side M5 threaded hole depth 15mm) Threaded hole position
Equipped with suitable bolts, T nuts, washer and spring washer	SET-OB	When specifying SET, it is equipped with bolts, nuts and washers to fix the angle plates on the extrusion. (example) Bolt: AID31-M6-L16 T nut: AHC21-308-M6 Washer: AIK31-6 Spring washer: AIH21-6

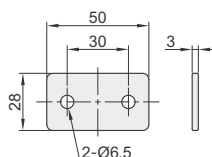
Note: According to different angle plate thicknesses, different specifications of bolts are equipped.

Code	Type	Material	Surface Treatment
ACC31-G306	Extrusion Connecting Plates	SUS304	Single face brushed

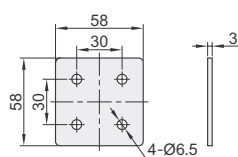
❗ Used for high-strength connection of extrusion linear, cross-shaped, L-shaped and T-shaped structures.



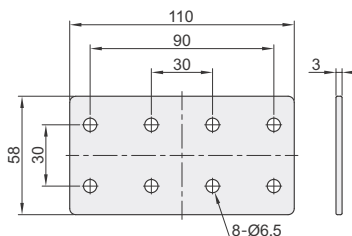
ACC31-G306-Y-3030



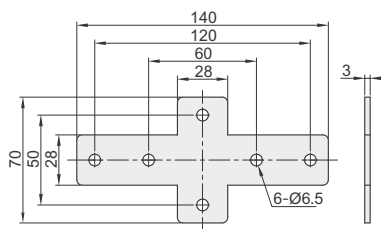
ACC31-G306-Y-3060C



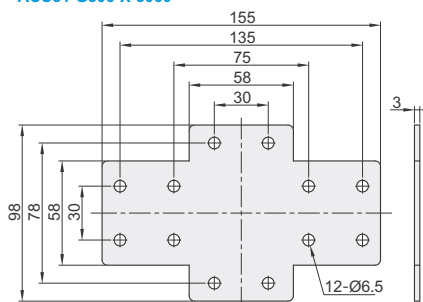
ACC31-G306-Y-3060



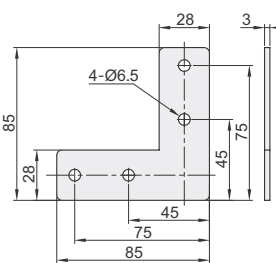
ACC31-G306-X-3030



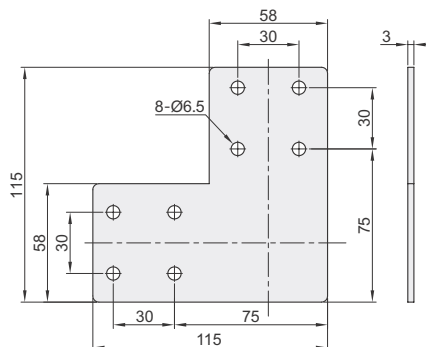
ACC31-G306-X-3060



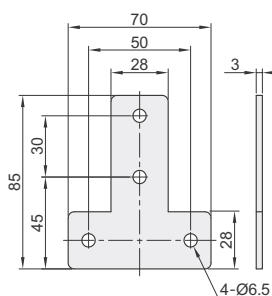
ACC31-G306-L-3030



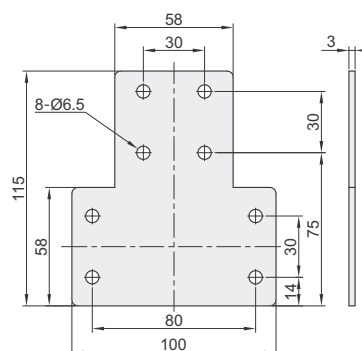
ACC31-G306-L-3060



ACC31-G306-T-3030



ACC31-G306-T-3060



Code	Weight(g/pcs)	Code	Weight(g/pcs)
ACC31-G306-Y-3030	31	ACC31-G306-L-3030	88
ACC31-G306-Y-3060	128	ACC31-G306-L-3060	226
ACC31-G306-Y-3060C	75	ACC31-G306-T-3030	73
ACC31-G306-X-3030	102	ACC31-G306-T-3060	206
ACC31-G306-X-3060	159		



Optional Processing

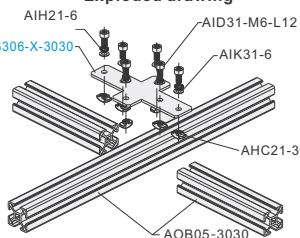
❗ Code ACC31-G306-X-3030-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolts, T nuts, Washer and spring Washer	SET-OB	When SET is specified, it is equipped with bolts, nuts and washers to fix the extrusion connecting plate on the extrusion.(example) Bolt: AID31-M6-L12 T nut: AHC21-308-M6 Washer: AIK31-6 Spring washer: AIH21-6

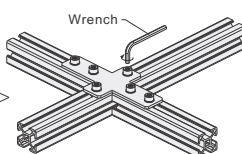


❗ Usage example of cross-shaped connecting plate

Exploded drawing



Assembly drawing



Please order as shown

Code

ACC31-G306-Y-3030
ACC31-G306-Y-3060
ACC31-G306-X-3030

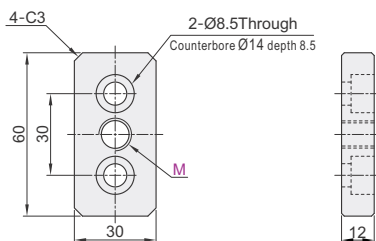


Code	Type	Material	Surface Treatment
ACF23-308	Leveling Mounts Connecting Plate	Carbon steel	Chrome plating

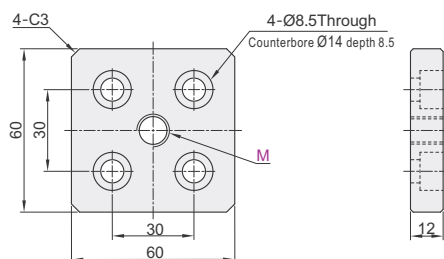
Used for the connection of the extrusion and leveling mounts.



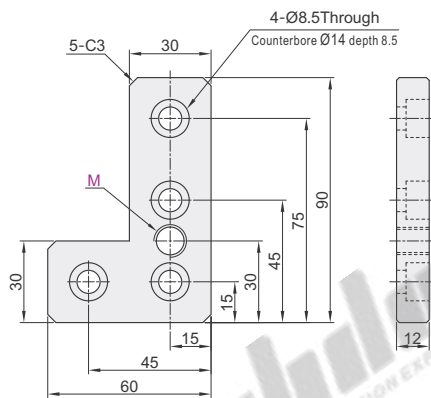
ACF23-308-3060-M12



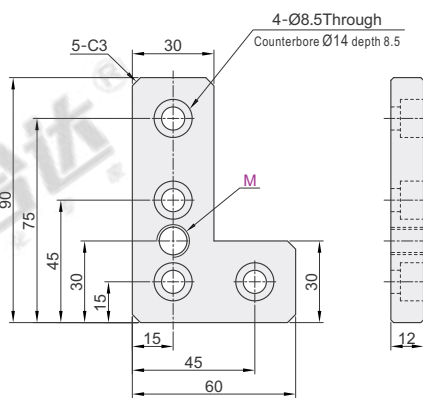
ACF23-308-6060-M12
ACF23-308-6060-M16



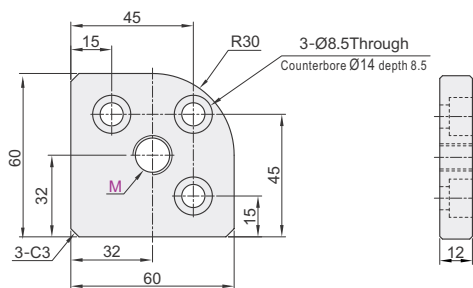
ACF23-308-3060-L-M12



ACF23-308-3060-R-M12

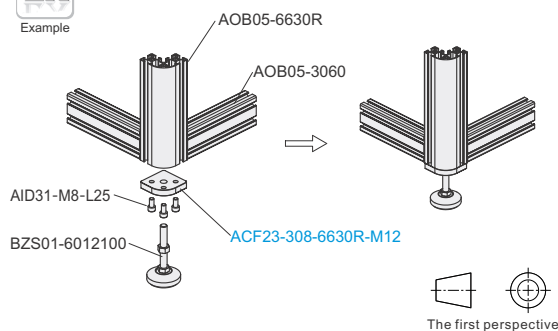


ACF23-308-6630R-M12
ACF23-308-6630R-M16



Exploded drawing

Assembly drawing



The first perspective

Code	Weight(g/pcs)
ACF23-308-3060-M12	131
ACF23-308-6060-M12	262
ACF23-308-6060-M16	254
ACF23-308-3060-L-M12	260
ACF23-308-3060-R-M12	260
ACF23-308-6630R-M12	235
ACF23-308-6630R-M16	223



Code
ACF23-308-3060-M12
ACF23-308-6060-M12

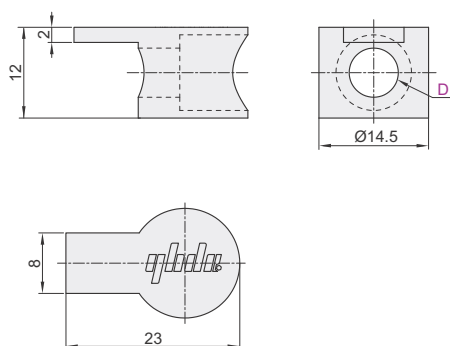


■ Built-in connector

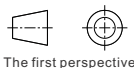
Code	Type	Material	Surface Treatment
ADJ31-308	Built-in connector	SUS304	Grinding and sandblasting
ADJ42-308		Zinc alloy	Nickel Plating

⚠ Used for 90° internal connection between extrusions and high connections strength.

ADJ31-308-D5.5
ADJ42-308-D5.5
ADJ42-308-D6.5



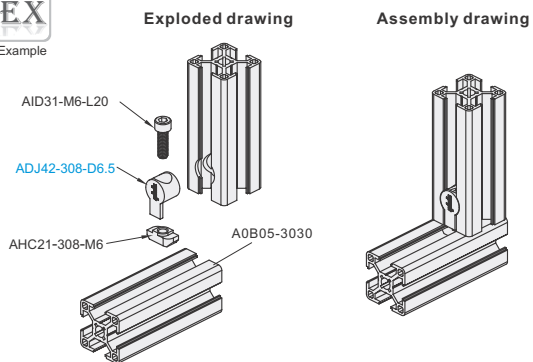
Code	Weight(g/pcs)
ADJ31-308-D5.5	10.1
ADJ42-308-D5.5	8.3
ADJ42-308-D6.5	8.1



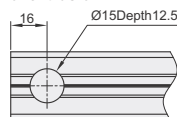
The first perspective



Example



■ Processing dimension of extrusion:



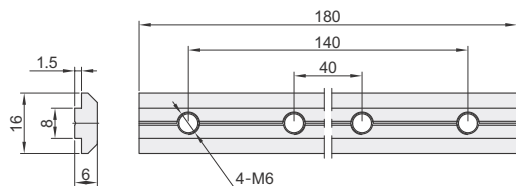
⚠ See P472 for details of post-processing code.

■ Linear connector

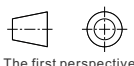
Code	Type	Material	Surface Treatment
ADL21-308	Linear connector	Carbon steel	Galvanized

⚠ Used for high-strength pair connection of two aluminum extrusion.

ADL21-308



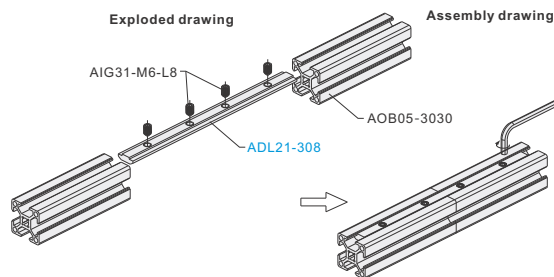
Code	Weight(g/pcs)
ADL21-308	93



The first perspective



Example



Please order as shown

Code
ADJ42-308-D6.5
ADL21-308



Optional Processing

■ Code ADJ42-308-D6.5-SET-OB ADJ31-308-D5.5-SET-OB
ADJ42-308-D5.5-SET-OB ADL21-308-SET-OB

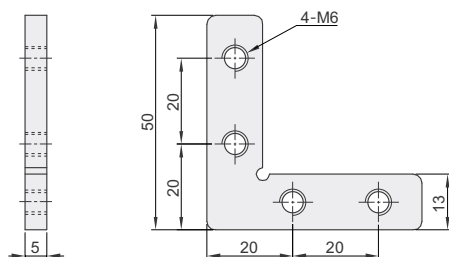
Add processing project	Code	Spec.
Equipped with suitable bolts, nut and set screw	SET-OB	When specifying SET, it is equipped with bolts, T nuts and set screw to use with the connector.(example) Bolt:AID31-M5-L20 AID31-M6-L20 T nut:AHC21-308-M5 AHC21-308-M6 AHC31-308-M5 Set screw:AIG31-M6-L8

Groove connector

Code	Type	Material	Surface Treatment
ADN31-308	Groove connector	SUS304	Single face brushed

⚠ Used for high-strength connection of two 45° angle extrusion in the corner grooves.

ADN31-308-K13

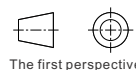
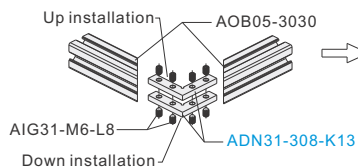


Code	Weight(g/pcs)
ADN31-308-K13	41.7



Exploded drawing

Assembly drawing



The first perspective



Please order as shown

Code
ADN31-308-K13



Optional Processing

Code ADN31-308-K13-SET-OB

Add processing project	Code	Spec.
Equipped with suitable set screw	SET-OB	When specifying SET, the equipment is set screw for matching use. (Example) Set screw: AIG31-M6-L8

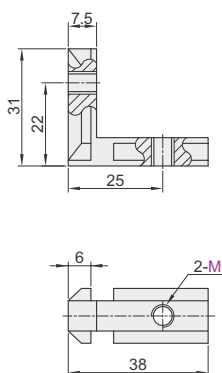
❑ Casting angle groove connector

Code	Type	Material	Surface Treatment
ADQ21-308	Casting angle	Carbon steel	Galvanized
ADQ31-308	groove connector	SUS304	—

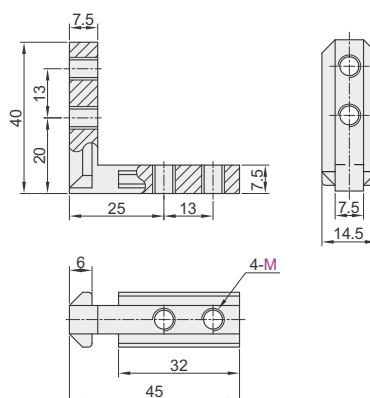
❑ Used for vertical connection of extrusion, easy to disassemble, no need to process the extrusion.



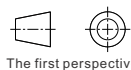
ADQ21-308-M6
ADQ31-308-M6



ADQ21-308-M6-S
ADQ31-308-M6-S



Code	Weight(g/pcs)
ADQ21-308-M6	36
ADQ31-308-M6	36
ADQ21-308-M6-S	43
ADQ31-308-M6-S	43



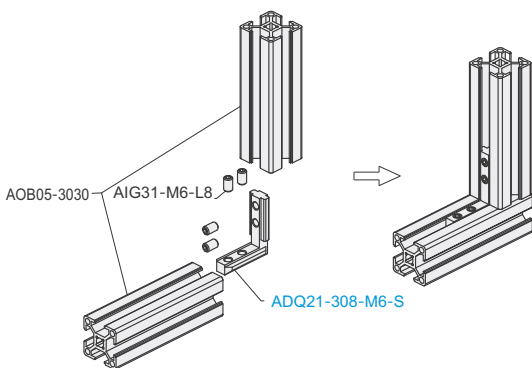
EX

Example

❑ Inside installation

Exploded drawing

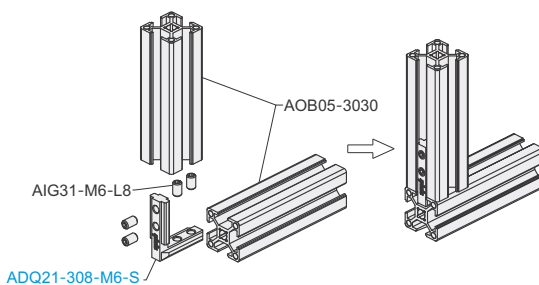
Assembly drawing



❑ Outside installation

Exploded drawing

Assembly drawing



Code
ADQ21-308-M6
ADQ31-308-M6



❑ Code ADQ21-308-M6-SET-OB
ADQ21-308-M6-S-SET-OB

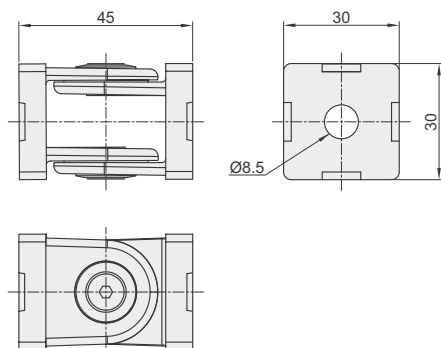
Add processing project	Code	Spec.
Equipped with suitable screw	SET-OB	When specifying SET, the equipment is set screw for matching use. (Example) Set screw: AIG31-M6-L8

❑ Movable hinge

Code	Type	Material	Surface Treatment
ADU48-308	No-handle movable hinge	Zinc alloy	Oil Injection
ADU48-308-S	With-handle movable hinge		

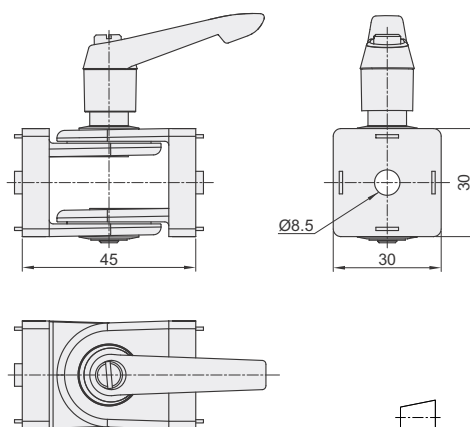
❗ Used for the connection between extrusions, the rotation range is 180°.

ADU48-308



Code	Weight(g/pcs)
ADU48-308	139
ADU48-308-S	152

ADU48-308-S

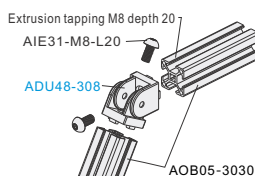


The first perspective

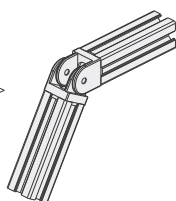


Example

Exploded drawing

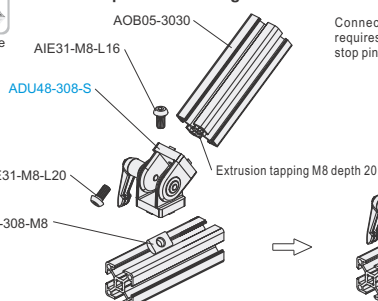


Assembly drawing



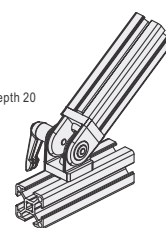
Example

Exploded drawing



Assembly drawing

Connecting with the lower profile requires milling off the interference stop pin



Please order as shown

Code
ADU48-308
ADU48-308-S



Special nut ▶

EU Standard 30 Series Extrusion Accessories- Fastening Part

T nut

Code	Type	Material	Surface Treatment
AHC21-308	T nut	Carbon steel	Nickle Plating
AHC22-308			Galvanized

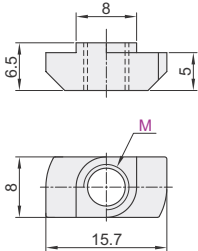
A special nut is installed after the extrusion, which is convenient and quick to use.

AHC21-308-M4
AHC21-308-M5
AHC21-308-M6

AHC22-308 is high quality nut.

AHC22-308-M4
AHC22-308-M5
AHC22-308-M6

Code	Weight(g/pcs)
AHC21-308-M4	3.8
AHC21-308-M5	3.5
AHC21-308-M6	3.1
AHC22-308-M4	3.8
AHC22-308-M5	3.5
AHC22-308-M6	3.1



The first perspective

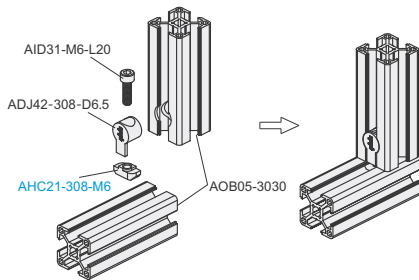


Example



Exploded drawing

Assembly drawing



Please order as shown

Code
AHC21-308-M4
AHC21-308-M5
AHC21-308-M6

Quotation
Way

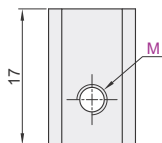
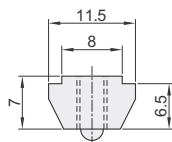


☑ After loading marble nut

Code	Type	Material	Surface Treatment
AHK22-308	After loading marble nut	Carbon steel	Galvanized

⚠ The special nut for extrusion can be positioned at any point in the extrusion groove.

AHK22-308-M3
AHK22-308-M4
AHK22-308-M5
AHK22-308-M6



Code	Weight(g/pcs)
AHK22-308-M3	7
AHK22-308-M4	6.8
AHK22-308-M5	6.4
AHK22-308-M6	5



The first perspective

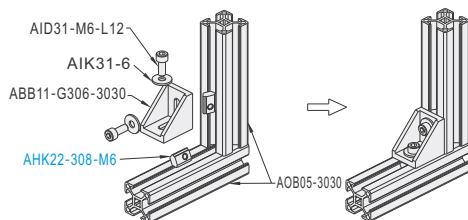


Example



Exploded drawing

Assembly drawing



Please order as shown



Code
AHK22-308-M3
AHK22-308-M4

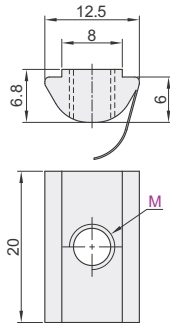


☑ Shrapnel nut

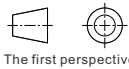
Code	Type	Material	Surface Treatment
AHL21-308	Shrapnel nut	Carbon steel	Nickel Plating

❗ The special nut for extrusion can be positioned at any point in the extrusion groove.

AHL21-308-M4
AHL21-308-M5
AHL21-308-M6
AHL21-308-M8



Code	Weight(g/pcs)
AHL21-308-M4	9.2
AHL21-308-M5	9
AHL21-308-M6	8.7
AHL21-308-M8	7.8

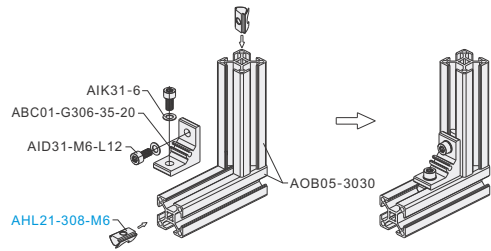


The first perspective



Exploded drawing

Assembly drawing



Please order as shown



Code
AHL21-308-M6
AHL21-308-M8

Quotation
Way

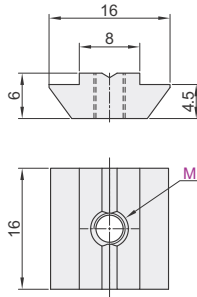


Slide nut

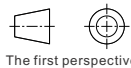
Code	Type	Material	Surface Treatment
AHN21-308	Slide nut	Carbon steel	Galvanized

Nuts are specially installed for the extrusion, and the connection strength is high.

AHN21-308-M4
AHN21-308-M5
AHN21-308-M6
AHN21-308-M8



Code	Weight(g/pcs)
AHN21-308-M4	7.9
AHN21-308-M5	7.7
AHN21-308-M6	7.5
AHN21-308-M8	6.4



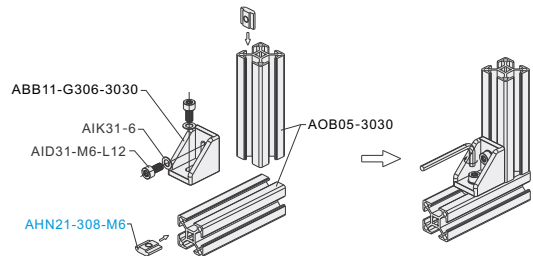
The first perspective



Example

Exploded drawing

Assembly drawing

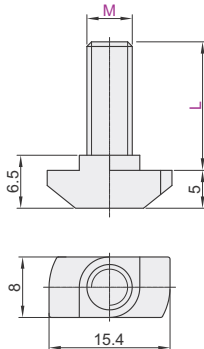


T bolt

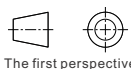
Code	Type	Material	Surface Treatment
AIC22-308	T bolt	Carbon steel	Nickel Plating

A special nut is installed after the extrusion, which is convenient and quick to use.

AIC22-308-M6-L12
AIC22-308-M6-L16
AIC22-308-M6-L20
AIC22-308-M6-L25



Code	Weight(g/pcs)
AIC22-308-M6-L12	6.2
AIC22-308-M6-L16	7
AIC22-308-M6-L20	7.6
AIC22-308-M6-L25	8.5



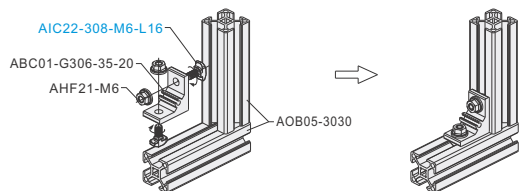
The first perspective



Example

Exploded drawing

Assembly drawing



Code
AIC22-308-M6-L12
AIC22-308-M6-L16



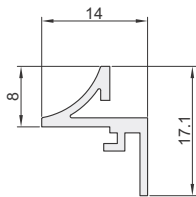
EU Standard 30 Series Extrusion Accessories- Sealing Part

❏ After loading panel seat/After loading panel batten

Code	Type	Material	Surface Treatment/Color
AMH01-308	After loading panel seat	A6063-T5	Sandblast Oxidation
AMH71-308	After loading panel batten	TPV	light grey (similar to RAL7001)
AMH72-308			Black

❏ Used for fix plexiglass or other panels.

After loading panel seat
AMH01-308



代码	L	重量(g/m)
AMH01-308	50~6000	120

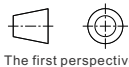
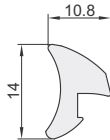
❏ AMH01-308 Maximum length of product: 4 meters/piece.

代码	最小单位	重量(g/m)
AMH71-308	1m	70
AMH72-308		

❏ Order quantity×minimum unit(1m)=actual length in meters.

❏ Max length of AMH71/72-308 : 100 meter/roll.

After loading panel batten
AMH71-308
AMH72-308

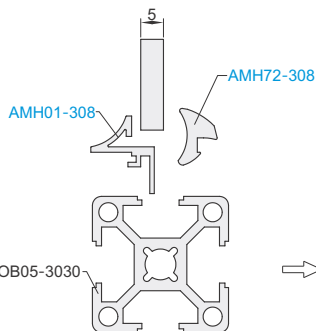


The first perspective

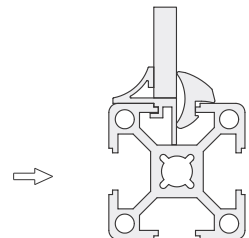


Example

Exploded drawing



Assembly drawing



Please order as shown



Code
AMH01-308
AMH71-308

Quotation
Way



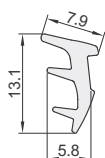
EU Standard 30 Series Extrusion Accessories- Sealing Part

Panel layering

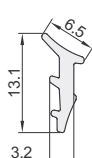
Code	Type	Material	Color
AML71	Panel layering	TPV	light grey (similar to RAL7001)
AML72			Black

Used to fix plexiglass or other panels,widely used in various types of extrusions.

AML71-A
AML72-A

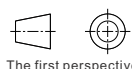


AML71-B
AML72-B

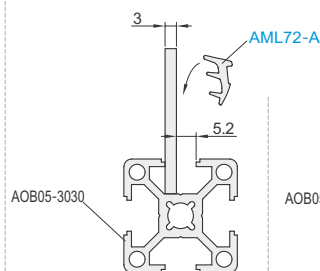


Code	Weight(g/m)
AML71-A	62
AML72-A	
AML71-B	44.5
AML72-B	

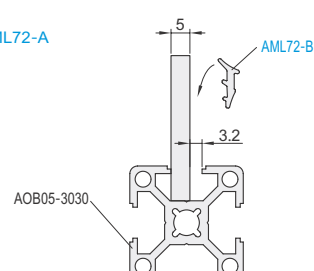
Order quantity×minimum unit(1m)=actual length in meters.
Max length :200 meter/roll



Exploded drawing



Assembly drawing

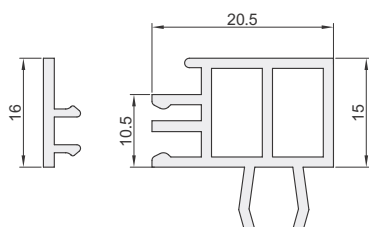


Combination tape

Code	Type	Material	Color
AMB61	Combination tape	PVC	light grey (similar to RAL7004)
AMB62			Black

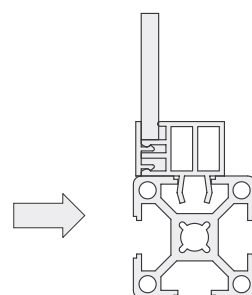
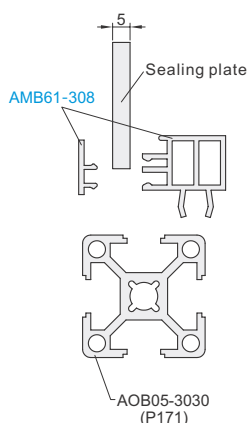
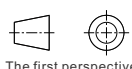
Used to fix 5mm thick plexiglass or other panels.
Sales unit: meters.
Maximum length of product:3 meters/piece.

AMB61-308
AMB62-308



Code	Weight(g/m)
AMB61-308	260
AMB62-308	

Ordering quantity of layer×minimum unit(1m)=actual length.



Code
AML71-A
AML72-A
AMB61-308

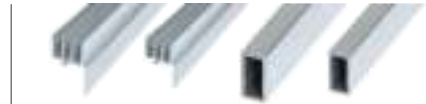


EU Standard 30 Series Extrusion Accessories- Sealing Part

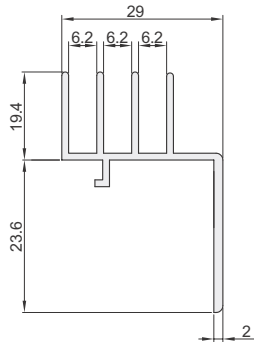
Slide rail seat/Slide rail block

Code	Type	Material	Surface Treatment/Color
AMP01-G306	Slide rail seat	A6063-T5	Flat Oxidation
AMP01-D	Slide rail block		

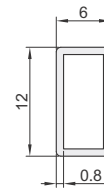
- Extrusion glass or plate used for sliding installation, stuck in along the matching extrusion part.
- No oxidation at section and processing hole.
- Sales unit: meters (maximum length is 4 meters).



AMP01-G306

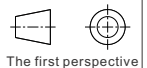


AMP01-D



Code	Minimum unit	Weight(g/m)
AMP01-G306	1m	530
AMP01-D		70

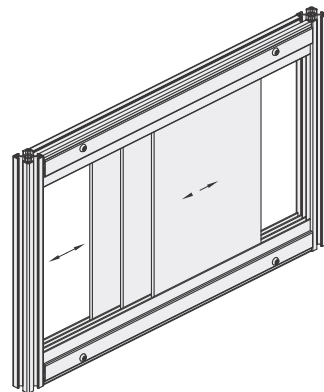
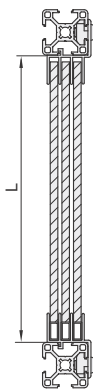
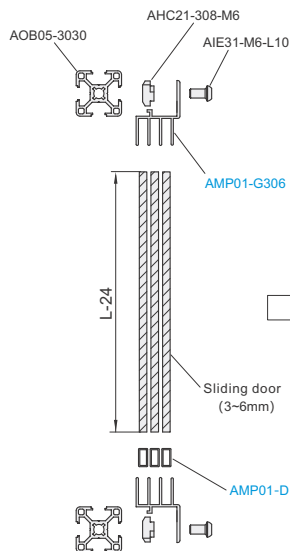
- Order quantity×minimum unit(1m)=actual length in meters



Exploded drawing

Assembly drawing

Assembly the 3D drawing



Code
AMP01-G306
AMP01-D



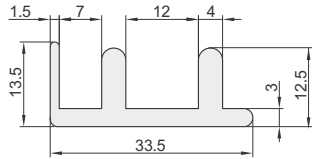
EU Standard 30 Series Extrusion Accessories- Sealing Part

Door chute

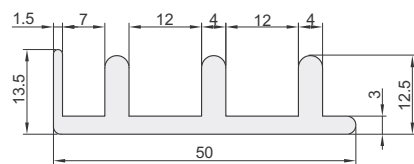
Code	Type	Material	Surface Treatment
AMS01	Door chute	A6063-T5	Sandblast Oxidation

ⓘ Purpose: Used to make parallel slide rails for doors with 1530 extrusions.

AMS01-E



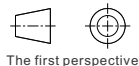
AMS01-W



Code	Minimum unit	Weight(g/m)
AMS01-E	1m	525
AMS01-W		720

ⓘ Order quantity×minimum unit(1m)=actual length in meters.

ⓘ Maximum length of product:4 meters/piece.



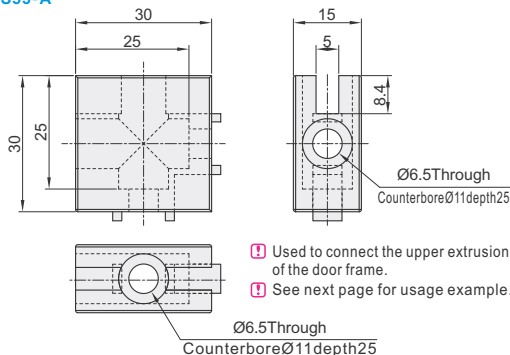
The first perspective

Door chute fixing block

Code	Type	Material	Color
AMS51	Door chute fixing block	PA	White (similar to RAL9003)
AMS53			light grey (similar to RAL7038)

ⓘ It is used for the connection of 1530 extrusions door frame to play the sliding role of the sliding door, and is used in conjunction with AMS53-B.

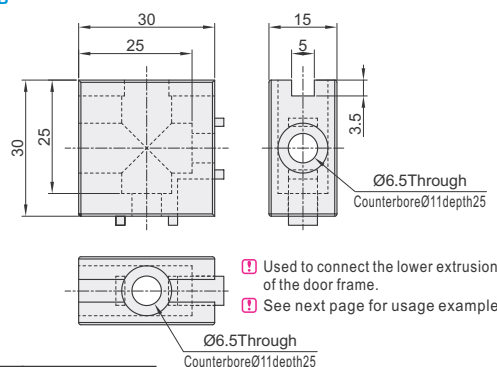
AMS51-A AMS53-A



ⓘ Used to connect the upper extrusion of the door frame.
ⓘ See next page for usage example.

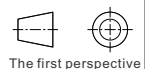
Code	Weight(g/pcs)
AMS51-A	11
AMS53-A	11

AMS51-B AMS53-B



ⓘ Used to connect the lower extrusion of the door frame.
ⓘ See next page for usage example.

Code	Weight(g/pcs)
AMS51-B	12
AMS53-B	12



The first perspective

Sliding fixed block

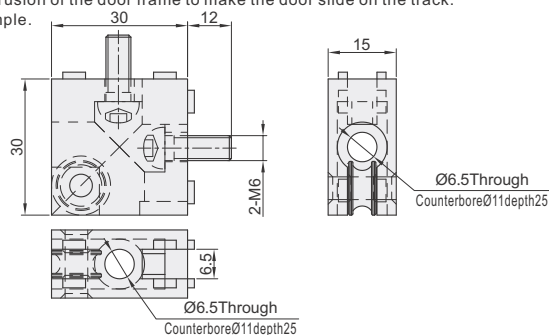
Code	Type	Material	Surface Treatment
AMS07	Sliding fixed block	Aluminum alloy	Oil Injection

ⓘ It is used for the connection of 1530 extrusions door frame to play the sliding role of the sliding door, and is used in conjunction with AMS53-B.

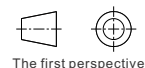
ⓘ Used to connect the lower extrusion of the door frame to make the door slide on the track.

ⓘ See next page for usage example.

AMS07-B



Code	Weight(g/pcs)
AMS07-B	25



The first perspective



Please order as shown

Code
AMS01-E
AMS01-W
AMS07-B

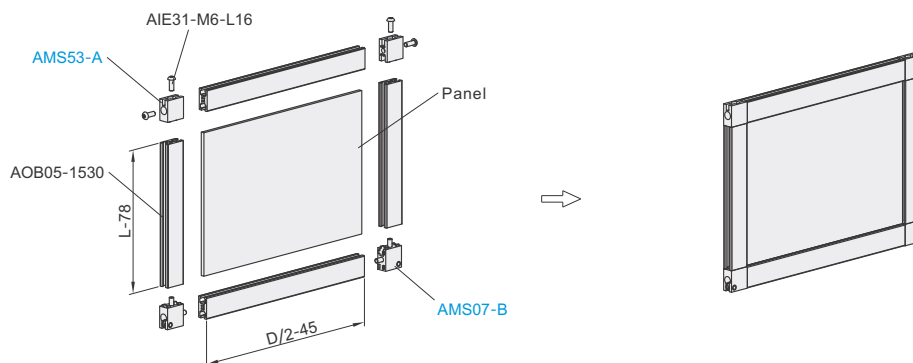


EU Standard 30 Series Extrusion Accessories- Sealing Part



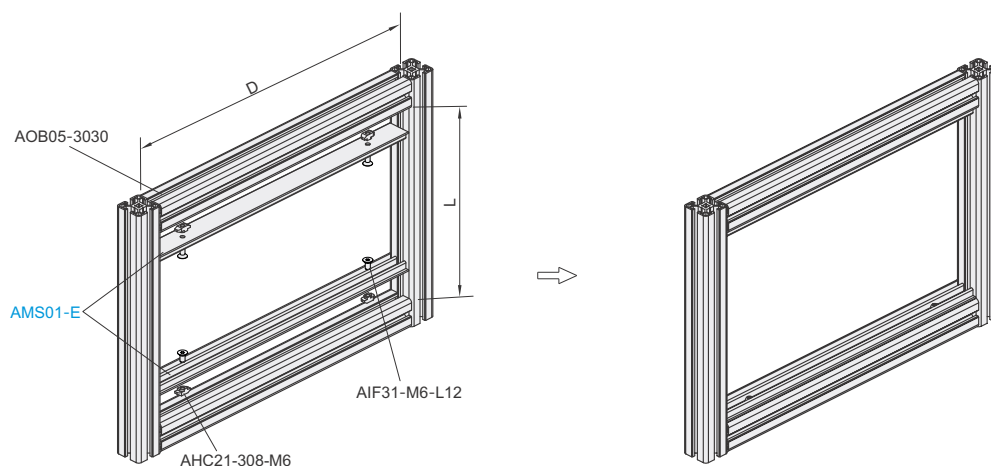
Step 1: Install doors and windows

The doors and windows are respectively connected by the door sliding groove fixing block **AMS53-A** (top) and the sliding fixing block **AMS07-B** (bottom), and 1530 extrusions are connected with bolts.



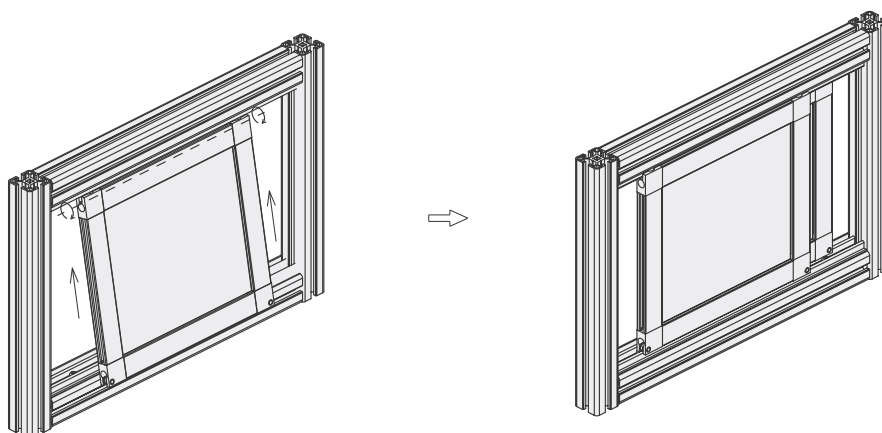
Step 2: Install the door chute

Fix the door chute **AMS01-E** with T-shape nut **AHC21-308-M6** and hexagon socket countersunk screw **AIF31-M6-L12** on the rack



Step 3: Built-in doors and windows

Finally, install the installed doors and windows into the door chute, and sliding door is assembled.



EU Standard 30 Series Extrusion Accessories- Sealing Part

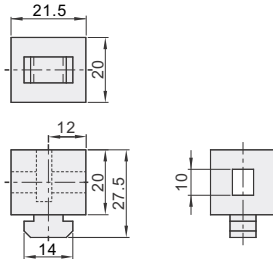
Spaced fixed block

Code	Type	Material	Color
AMV51-308	Spaced fixed block	PA	White (similar to RAL9003)
AMV53-308		PVC	light grey (similar to RAL7040)
AMV61-308		PVC	Transparent

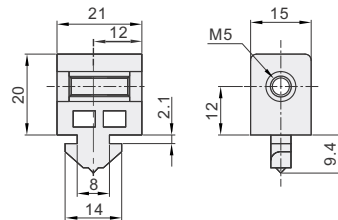
① Used for fixing plexiglass or other boards. Insert the fixing block into the extrusion groove, turn it clockwise, and fix the corresponding plate with screws.



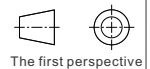
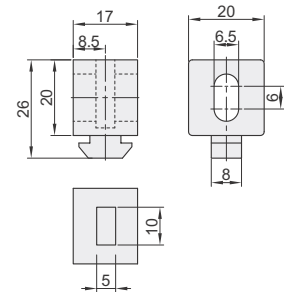
AMV51-308



AMV53-308



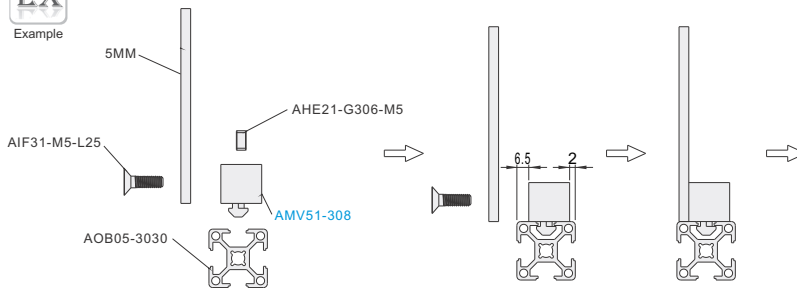
AMV61-308



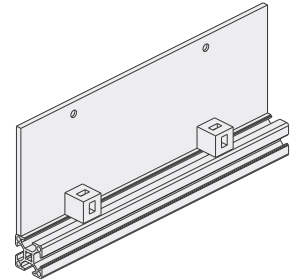
Code	Weight(g/pcs)
AMV51-308	8.17
AMV53-308	10.22
AMV61-308	8.0



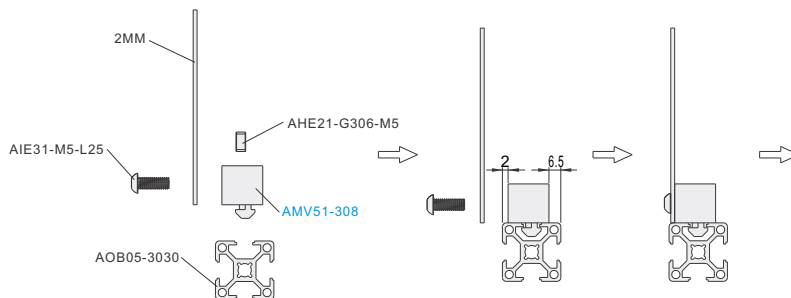
Exploded drawing



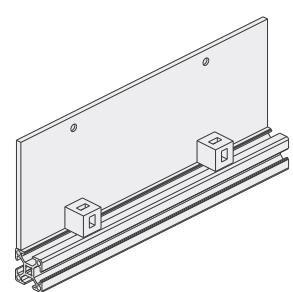
Assembly drawing



Exploded drawing

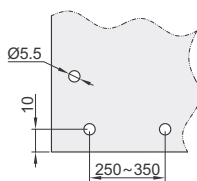


Assembly drawing

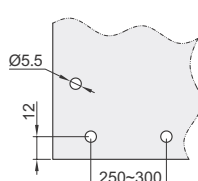


Sheet processing dimension

AMV51-308
AMV61-308



AMV53-308



Code AMV51-308-SET-A AMV51-308-SET-B



Alterations	Code	Spec.
Equipped with suitable bolts and nuts	SET-A	When specifying SET, it is equipped with bolts and nuts to fix the angle plate on the extrusion.(Example) Bolts: AIF31-M5-L25 Nut: AHE21-G306-M5
	SET-B	When specifying SET, it is equipped with bolts and nuts to fix the angle plate on the extrusion.(Example) Bolts: AIE31-M5-L25 Nut: AHE21-G306-M5



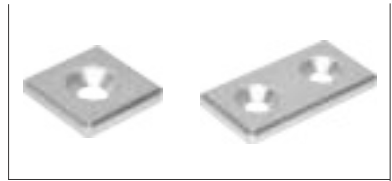
Code
AMV51-308
AMV53-308



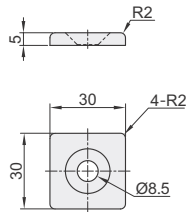
Aluminum alloy end cap

Code	Type	Material	Surface Treatment
ARC01-308	Aluminum alloy end cap	A6063-T5	Sandblast Oxidation

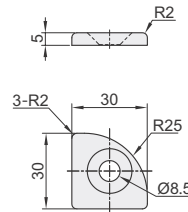
It is used at the section of the extrusion, dustproof, beautiful with firm connection.



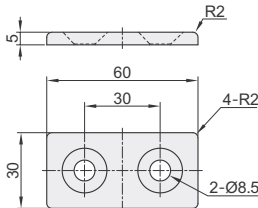
ARC01-308-3030



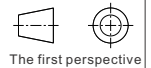
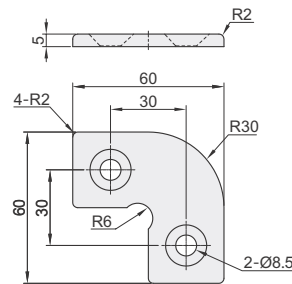
ARC01-308-3030R (Only suitable for Yiheda extrusion)



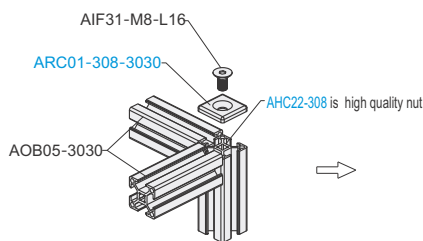
ARC01-308-3060



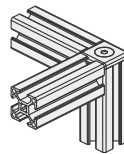
ARC01-308-6630R



Exploded drawing



Assembly drawing



Part number	Weight (g/pcs)	Applicable extrusion	Note
Code		AOB05	
ARC01-308-3030	10.2	3030 3030A 3030B	Aluminum alloy end cap is used with AIF31-M8-L16
ARC01-308-3030R	8.7	3030R	
ARC01-308-3060	20.5	3060 3060A 3060B	
ARC01-308-6630R	30	6630R	



Code
ARC01-308-3030
ARC01-308-3030R



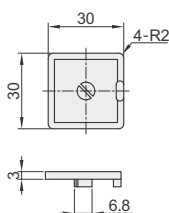
Plastic end cap

Code	Type	Material	Color
ARC51-308	Plastic end cap	PA	light grey (similar to RAL7038)
ARC52-308			Black

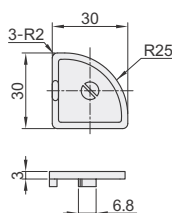
It is used at the section of the extrusion, dustproof and beautiful.



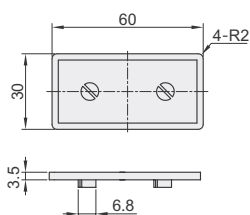
ARC51-308-3030
ARC52-308-3030



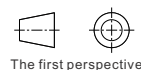
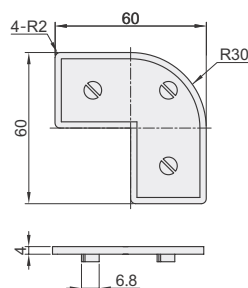
ARC51-308-3030R (Only suitable for Yiheda extrusion)
ARC52-308-3030R



ARC51-308-3060
ARC52-308-3060



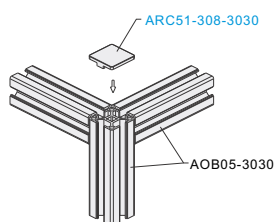
ARC51-308-6630R
ARC52-308-6630R



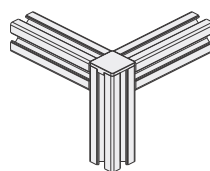
The first perspective



Exploded drawing



Assembly drawing



Part number	Weight(g/pcs)	Applicable extrusion	
Code		AOB05	
ARC51-308-3030	2.6	3030	3030A
ARC52-308-3030	2.6	3030B	
ARC51-308-3030R	2.2	3030R	
ARC52-308-3030R	2.2	3030R	
ARC51-308-3060	5.9	3060	
ARC52-308-3060	5.9	3060	
ARC51-308-6630R	9.1	6630R	
ARC52-308-6630R	9.1	6630R	



Code
ARC51-308-3030
ARC51-308-3030R
ARC51-308-3060



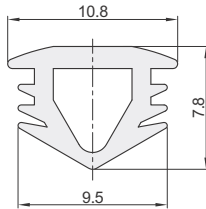
Sealing plate

Code	Type	Material	Color
ARG51-G408	Sealing strip	PVC	light grey (similar to RAL7047)
ARG52-G408			Black

It is used for the decoration of extrusion grooves, dustproof and beautiful.

Other colors can be customized, order from 1000 meters.

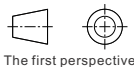
ARG51-G408
ARG52-G408



Code	Minimum unit	Weight(g/m)
ARG51-G408	1m	50
ARG52-G408		

Order quantity×minimum unit(1m)=actual length in meters.

Maximum length of the product:100 meters/roll.

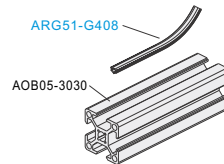


The first perspective

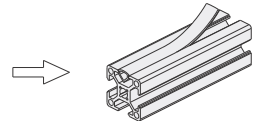


Example

Exploded drawing



Assembly drawing



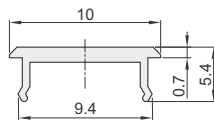
Soft flat seal groove strip

Code	Type	Material	Color
ARK51-308	Soft flat seal groove strip	PE	light grey (similar to RAL7047)
ARK52-308			Black

It is used for the decoration of extrusion grooves, dustproof and beautiful.

Other colors can be customized, order from 1000 meters.

ARK51-308
ARK52-308

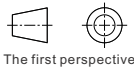


Code	Minimum unit	Weight(g/m)
ARK51-308	1m	22
ARK52-308		

Order quantity×minimum unit(1m)=actual length in meters.

Maximum length of the product:100 meters/roll.

The unit price quoted is 1 meter price.

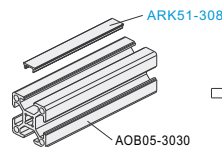


The first perspective

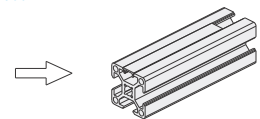


Example

Exploded drawing



Assembly drawing



Please order as shown



Code
ARK51-308
ARK52-308

Quotation

Way

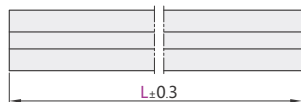


Code	Material	Surface Treatment
AOB02	A6063-T6	Alkaline sand oxidation

❗ The fracture section haven't do oxidation.

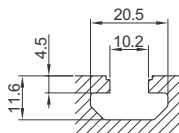
❗ Maximum length of use: 3800~3850mm;
The whole standard length: 4000mm.

📏 L length tolerance
 $L \leq 1000\text{mm}$

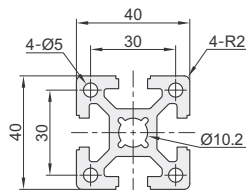


(When $L > 1000\text{mm}$, length dimension tolerance is ± 0.5)

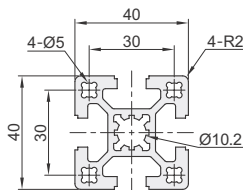
📐 Details of notch



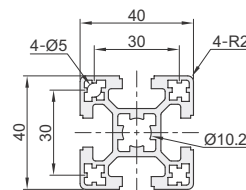
AOB02-H4040



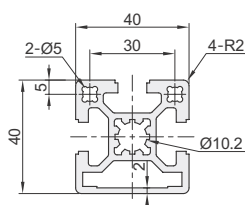
AOB02-H4040C



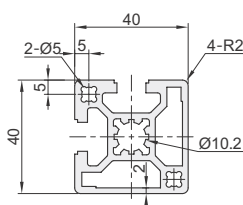
AOB02-H4040E



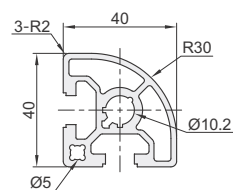
AOB02-H4040A



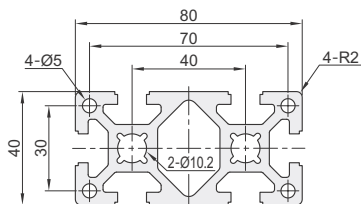
AOB02-H4040B



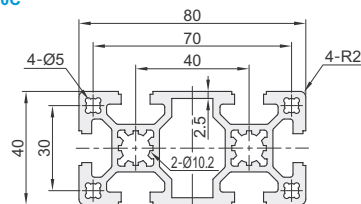
AOB02-H4040R



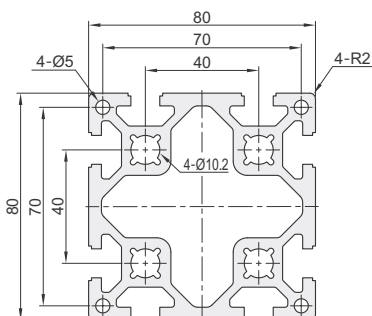
AOB02-H4080



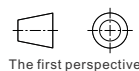
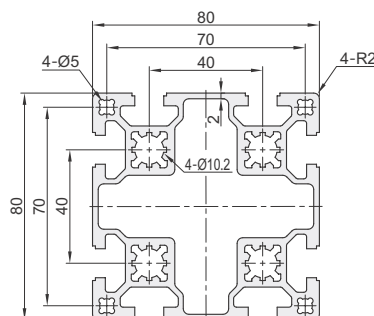
AOB02-H4080C



AOB02-H8080

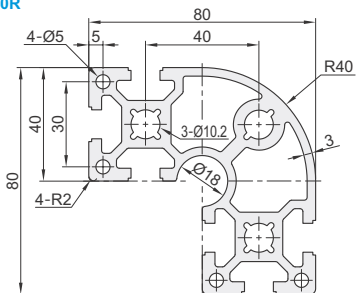


AOB02-H8080C

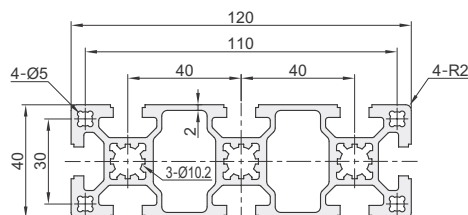


The first perspective

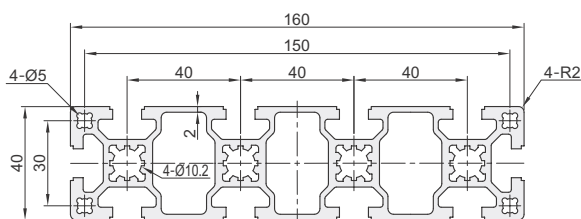
AOB02-H8840R



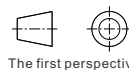
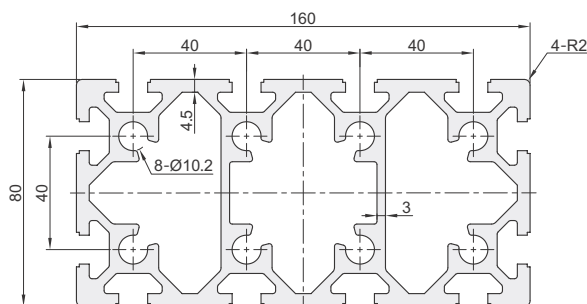
AOB02-H40120C



AOB02-H40160C



AOB02-H80160



The first perspective

Part number		L 0.5mm Int.	Section dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _x max (mm ³)	W _y max (mm ³)
AOB02	H4040			1.98	724.84	11.58×10 ⁴	11.58×10 ⁴	5792.15	5792.15
	H4040A			1.70	621.97	10.23×10 ⁴	10.30×10 ⁴	4977.26	5148.80
	H4040B			1.69	618.19	10.25×10 ⁴	10.25×10 ⁴	5098.23	5098.23
	H4040C		40×40	1.77	647.87	10.69×10 ⁴	10.69×10 ⁴	5346.25	5346.25
	H4040E			1.55	566.13	9.07×10 ⁴	9.07×10 ⁴	4534.00	4534.00
	H4040R			1.44	528.63	7.59×10 ⁴	7.58×10 ⁴	3410.66	3410.66
	H8080			3.61	1324.10	22.41×10 ⁴	81.28×10 ⁴	11206.10	20318.65
	H4080C	50~4000	40×80	3.01	1104.02	19.21×10 ⁴	73.06×10 ⁴	9603.10	18266.03
	H8840R			4.58	1676.82	94.11×10 ⁴	94.21×10 ⁴	21233.83	21247.60
	H8080		80×80	5.88	2153.30	151.28×10 ⁴	151.28×10 ⁴	37820.48	37820.48
	H8080C			4.66	1706.89	122.50×10 ⁴	122.50×10 ⁴	30623.68	30623.68
	H40120C		40×120	4.12	1509.82	25.99×10 ⁴	221.75×10 ⁴	12998.85	36957.48
	H40160C		40×160	5.30	1940.79	33.65×10 ⁴	491.21×10 ⁴	16825.15	61401.30
	H80160		80×160	10.38	3802.91	299.15×10 ⁴	1016.18×10 ⁴	74787.25	127022.98



Please order as shown

Part number	L	Section dimension
Code	No.	0.5mm Int.
AOB02	H4040	50~4000
	H4040A	

AOB02—H4040A—L550

Optional processing

Part number	L	Optional processing code
Code	No.	0.5mm Int.
AOB02	H4040	50~4000
	H4040A	

AOB02—H4040A—L550—RM



Optional Processing

End face screw hole processing

Code	Spec.
	Change through hole to screw hole
	Selection method LM/RM/DM
LM(Left end)	
RM(Right end)	
DM(Double end)	
	Change through hole Ø10. 2 to screw hole M12 depth 28.



① AOB02-H4040R AOB02-H8840R only suitable for end face screw hole processing.

② See page P469~474 for optional processing.



Die casting angle plate

Code	Type	Material	Surface Treatment
ABB11-4010	Die casting angle plate	ADC12	Sandblasting/ Grinding
ABB11-G408			

① Used for external and internal connection of fixed angle of extrusion before reinforcement.

② Placed the nut in the extrusion groove, and connect the angle plate and the extrusion with bolts.

ABB11-4010-4080

① Surface treatment: sandblasting

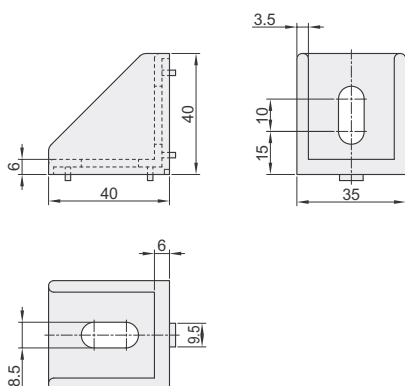


ABB11-4010-4080

① Surface treatment: sandblasting

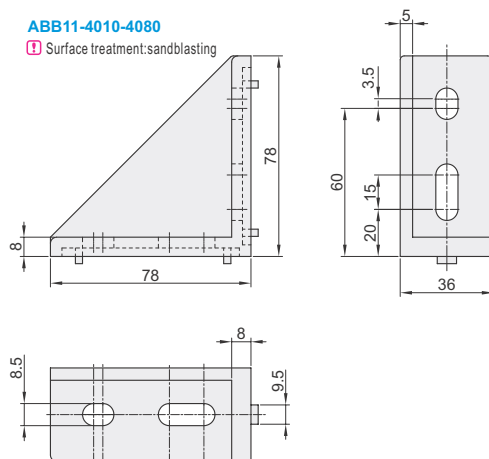


ABB11-4010-8080

① Surface treatment: sandblasting

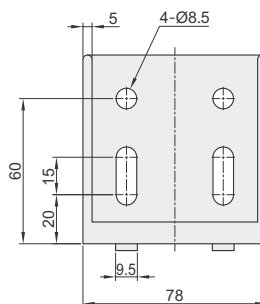
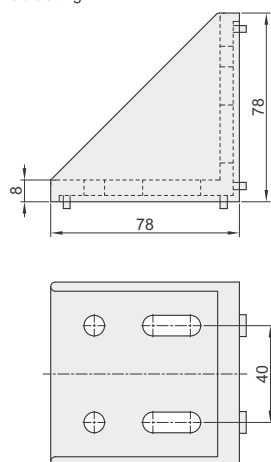
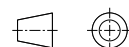
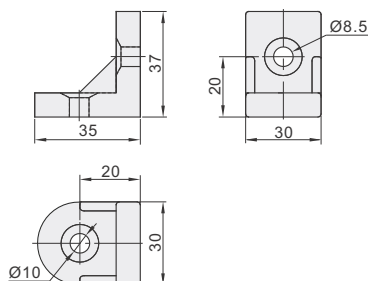


ABB11-G408-40A

① Surface treatment: sandblasting

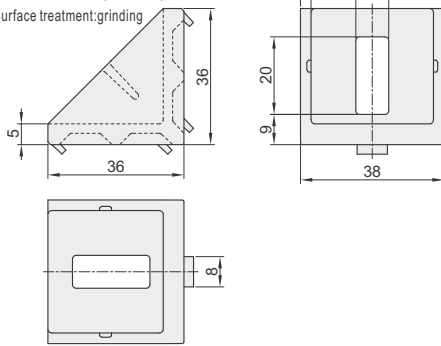


The first perspective

ABB11-G408-4040G(With Cover plate)

① Suitable for 40 series groove 8.2,groove 10.2 extrusion

② Surface treatment:grinding



Cover plate(maching use)

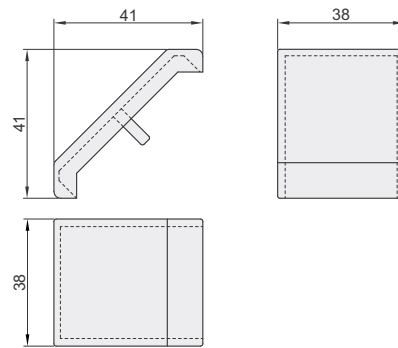
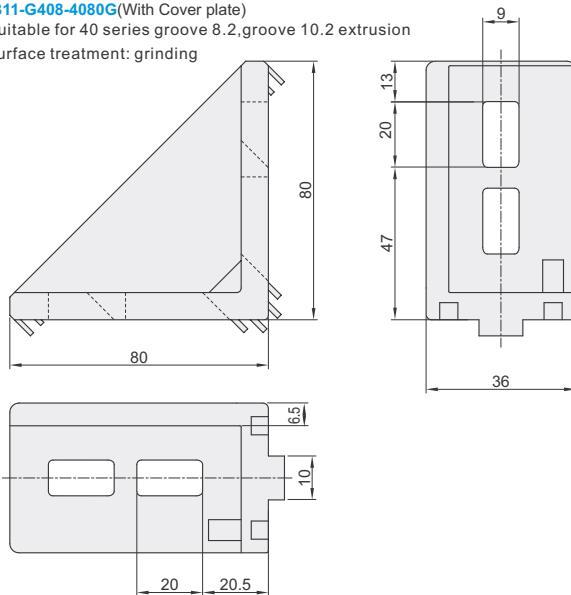


ABB11-G408-4080G(With Cover plate)

① Suitable for 40 series groove 8.2,groove 10.2 extrusion

② Surface treatment: grinding



Cover plate(maching use)

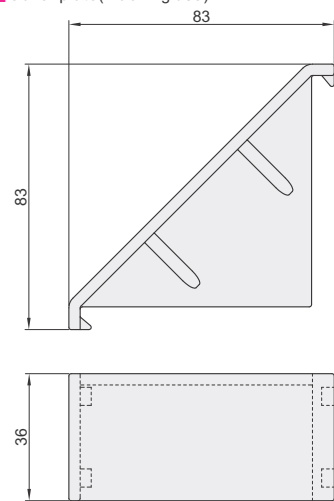
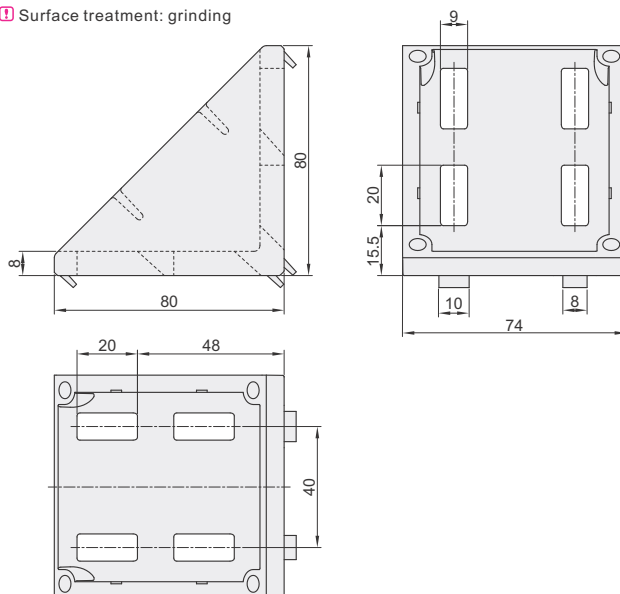


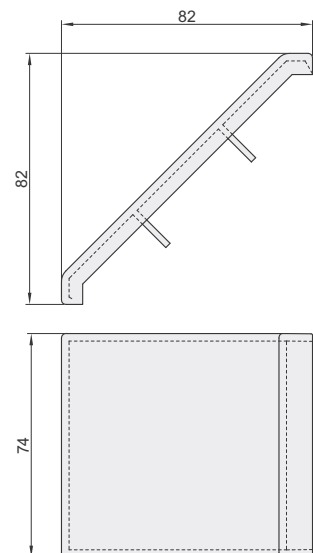
ABB11-G408-8080G(With Cover plate)

① Suitable for 40 series groove 8.2,groove 10.2 extrusion

② Surface treatment: grinding



Cover plate(maching use)

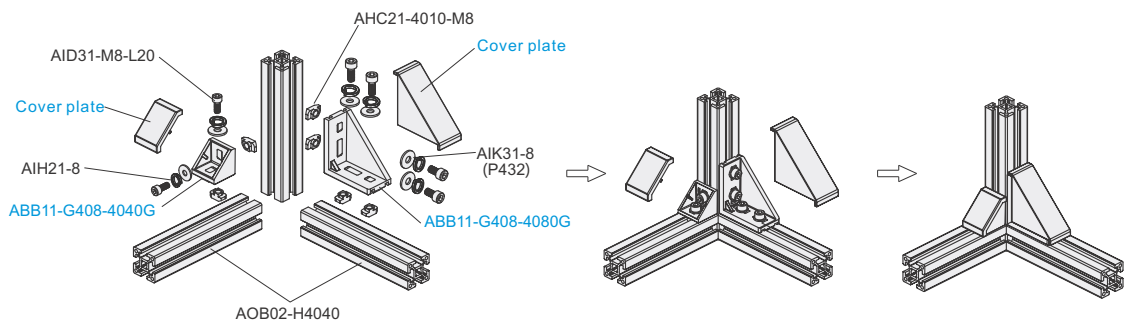


The first perspective



Exploded drawing

Assembly drawing



Code	Weight(g/pcs)
ABB11-4010-4040	43.8
ABB11-4010-4080	117
ABB11-4010-8080	253
ABB11-G408-40A	26.1
ABB11-G408-4040G	40
ABB11-G408-4080G	160
ABB11-G408-8080G	240



Code
 ABB11-4010-4040
 ABB11-4010-4080
 ABB11-4010-8080



Optional processing

Part number	Optional processing code	Part number	Optional processing code
ABB11-4010-4040		ABB11-4010-4040	
ABB11-4010-4080	SET-OB	ABB11-4010-4080	SET-OB
ABB11-4010-8080		ABB11-4010-8080	
ABB11-4010-4040		ABB11-4010-4040-S-SET-OB	

Notes: ABB11-G408-40A are not suitable for end face screw hole.



Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Machining the threaded hole for mounting panel on the side of angle plate (single side M5 threaded hole)
Equipped with suitable bolts, T nuts and washers	SET-OB	When SET is specified, it is equipped with bolts, T nuts and washers for fixing angle plate to extrusion (Example) Bolts: AID31-M8-L20 T nut: AHC21-4010-M8 Washers: AIK31-8 Spring washers: AIH21-8



Extruding angle plate

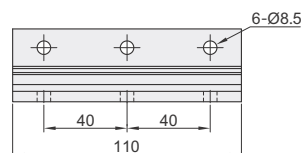
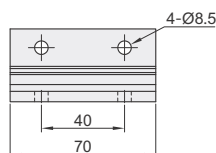
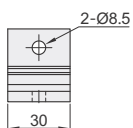
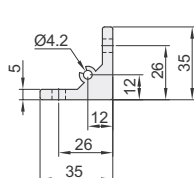
Code	Type	Material	Surface Treatment
ABC01-4010	Extruding angle plate	A6063-T5	Sandblast oxidation

Used for external connection with fixed angle of extrusion, can fix the sealing plate.

ABC01-4010-35-30

ABC01-4010-35-70

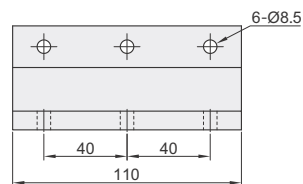
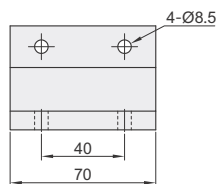
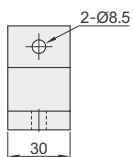
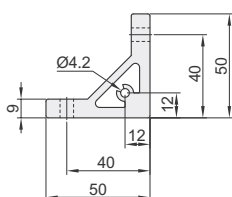
ABC01-4010-35-110



ABC01-4010-50-30

ABC01-4010-50-70

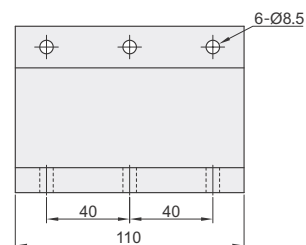
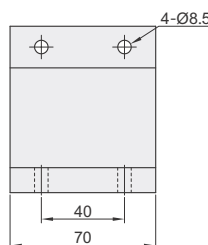
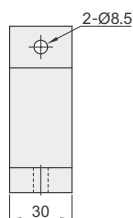
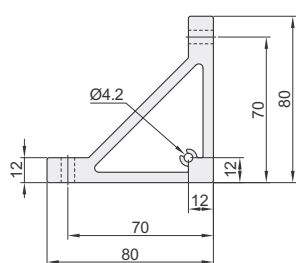
ABC01-4010-50-110



ABC01-4010-80-30

ABC01-4010-80-70

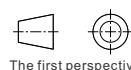
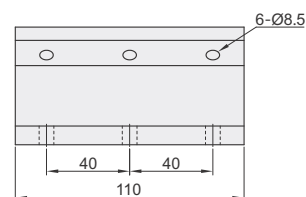
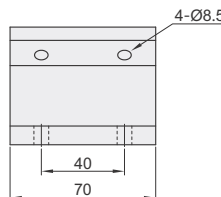
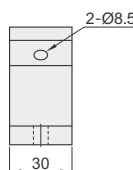
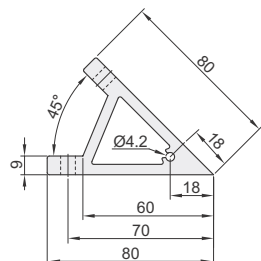
ABC01-4010-80-110



ABC01-4010-80A-30

ABC01-4010-80A-70

ABC01-4010-80A-110

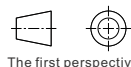
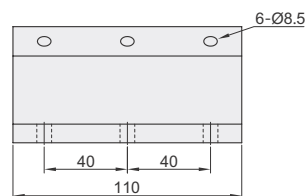
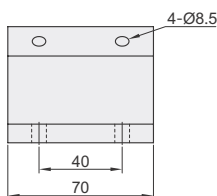
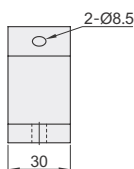
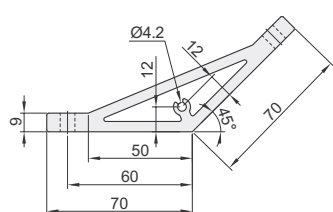


The first perspective

ABC01-4010-70-30

ABC01-4010-70-70

ABC01-4010-70-110

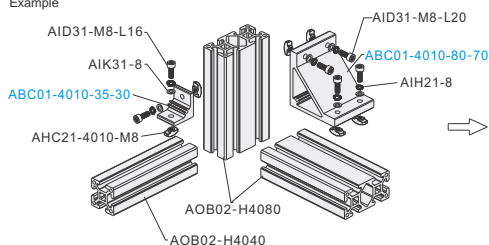


The first perspective

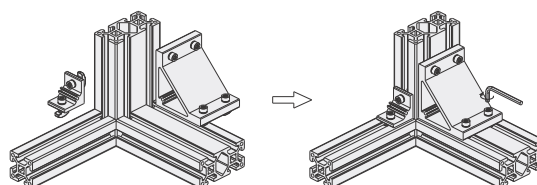


Example

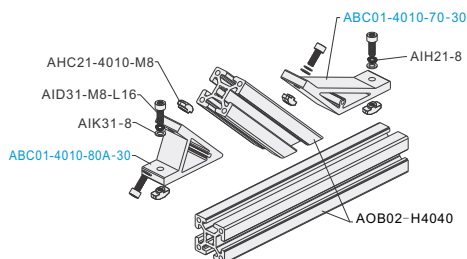
Exploded drawing



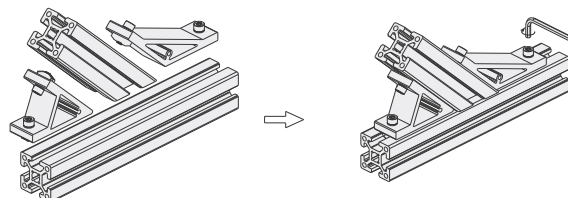
Assembly drawing



Exploded drawing



Assembly drawing



Code	Weight(g/pcs)
ABC01-4010-35-30	30.9
ABC01-4010-35-70	72
ABC01-4010-35-110	113
ABC01-4010-50-30	60
ABC01-4010-50-70	141
ABC01-4010-50-110	222

Code	Weight(g/pcs)
ABC01-4010-80-30	113
ABC01-4010-80-70	264
ABC01-4010-80-110	415
ABC01-4010-80A-30	87
ABC01-4010-80A-70	203
ABC01-4010-80A-110	319

Code	Weight(g/pcs)
ABC01-4010-70-30	100
ABC01-4010-70-70	235
ABC01-4010-70-110	369



Please order as shown

Code
ABC01-4010-35-30
ABC01-4010-35-70
ABC01-4010-35-110



Optional Processing

Optional processing

Part number	Optional processing code	Part number	Optional processing code
ABC01-4010-70-30	(S) SET-OB	ABC01-4010-70-30	(S) SET-OB
ABC01-4010-70-70	(S) SET-OB	ABC01-4010-70-70	(S) SET-OB
ABC01-4010-70-110	(S) SET-OB	ABC01-4010-70-110	(S) SET-OB
ABC01-4010-70-30-S		ABC01-4010-70-30-S-SET-OB	

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Machining the threaded hole for mounting panel on the side of angle plate (single side M5 threaded hole depth 15mm) Threaded hole position
Equipped with suitable bolts, T nuts and washers	SET-OB	When SET is specified, it is equipped with bolts, T nuts and washers for fixing angle plate to extrusion (Example) Bolt: AID31-M8-L16 T nut: AHC21-4010-M8 Washer: AIK31-8 Spring washer: AIH21-8

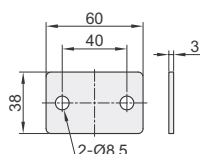
Notes: According to different thickness of angle plate, bolts of different specifications are provided.

Code	Type	Material	Surface Treatment
ACC31-4010	Extrusion connecting plate	SUS304	Single side brushed

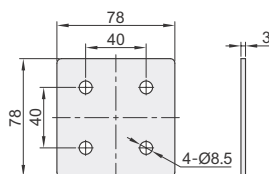
① Used for high strength connection of linear, cross shaped, L-shaped and T-shaped structures.



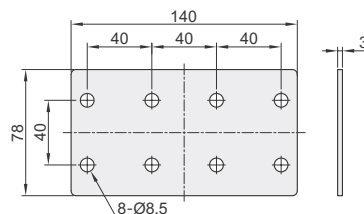
ACC31-4010-Y-4040



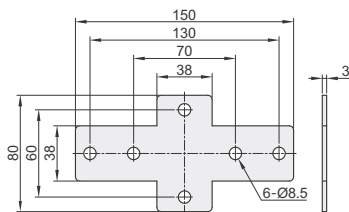
ACC31-4010-Y-4080C



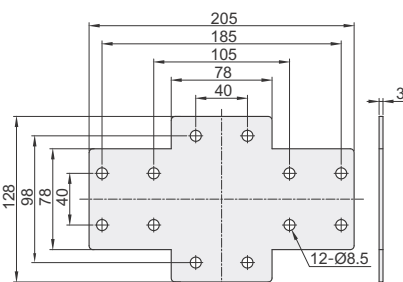
ACC31-4010-Y-4080



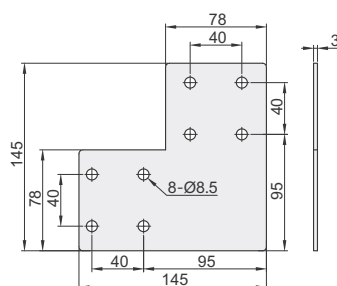
ACC31-4010-X-4040



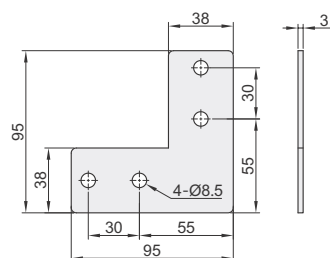
ACC31-4010-X-4080



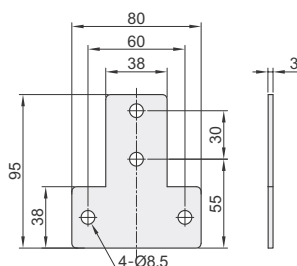
ACC31-4010-L-4080



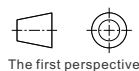
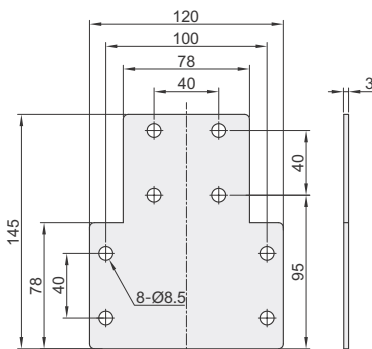
ACC31-4010-L-4040



ACC31-4010-T-4040



ACC31-4010-T-4080



Code	Weight(g/pcs)
ACC31-4010-Y-4040	50
ACC31-4010-Y-4080	243
ACC31-4010-Y-4080C	120
ACC31-4010-X-4040	160
ACC31-4010-X-4080	351

Code	Weight(g/pcs)
ACC31-4010-L-4040	129
ACC31-4010-L-4080	404
ACC31-4010-T-4040	116
ACC31-4010-T-4080	297



Optional Processing

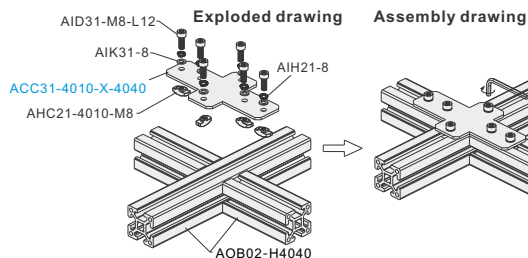
Code ACC31-4010-Y-4040-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolt, T nuts, washer and spring washer	SET-OB	When SET is specified, it is equipped with bolts, nuts and washers for fixing extrusion connecting plate to extrusion(Example) Bolt: AID31-M8-L12 T nut: AHC21-4010-M8 Washers: AIK31-8 Spring washer: AIH21-8

② Usage example of cross connecting plate



Example



Please order as shown

Code
ACC31-4010-Y-4040
ACC31-4010-Y-4080
ACC31-4010-X-4040

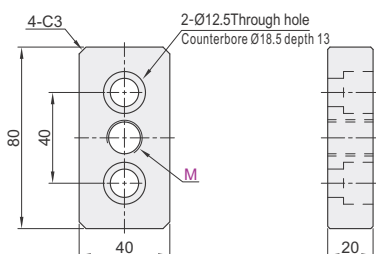


Code	Type	Material	Surface Treatment
ACF23-4010	Leveling mounts connecting plate	Carbon steel	Chrome

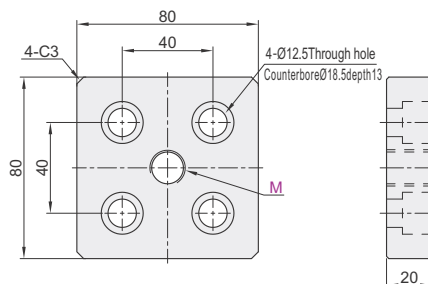
Used for the connection of extrusion and Leveling mounts.



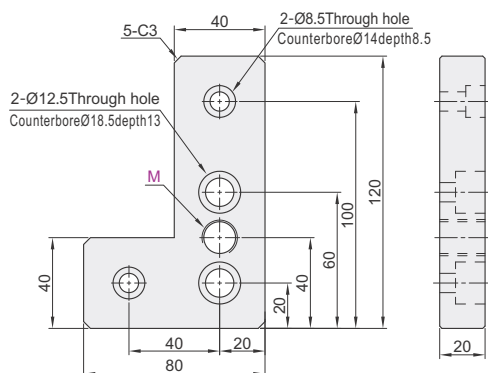
ACF23-4010-4080-M12
ACF23-4010-4080-M16



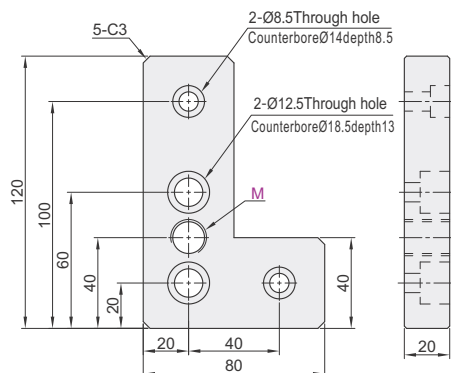
ACF23-4010-8080-M12
ACF23-4010-8080-M16



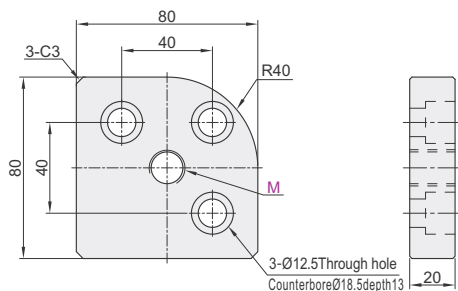
ACF23-4010-4080-L-M12
ACF23-4010-4080-L-M16



ACF23-4010-4080-R-M12
ACF23-4010-4080-R-M16

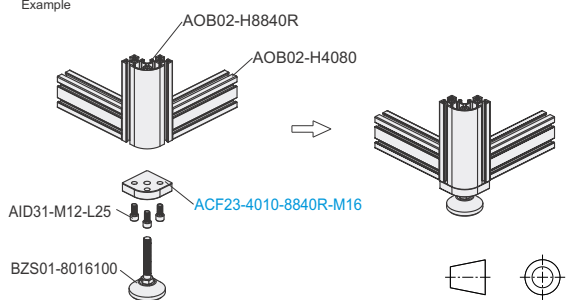


ACF23-4010-8840R-M12
ACF23-4010-8840R-M16



Exploded drawing

Assembly drawing



The first perspective

Code	Weight(g/pcs)
ACF23-4010-4080-M12	425
ACF23-4010-4080-M16	417
ACF23-4010-8080-M12	834
ACF23-4010-8080-M16	826
ACF23-4010-4080-L-M12	834
ACF23-4010-4080-L-M16	826
ACF23-4010-4080-R-M12	834
ACF23-4010-4080-R-M16	826
ACF23-4010-8840R-M12	846
ACF23-4010-8840R-M16	838



Please order as shown

Code
ACF23-4010-4080-M12

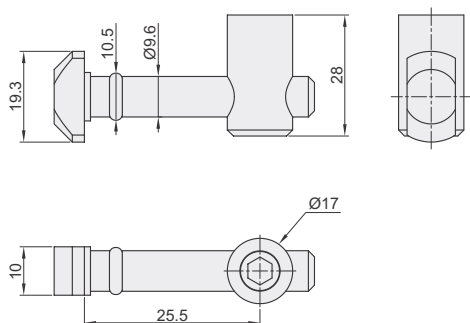


Right angle connector

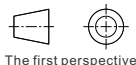
Code	Type	Material	Surface Treatment
ADF21-4010	Right angle connector 0 degree	Carbon steel	Galvanized

Used for 90° internal connection between extrusions, left and right installation.

ADF21-4010-0



Code	Weight(g/pcs)
ADF21-4010-0	57



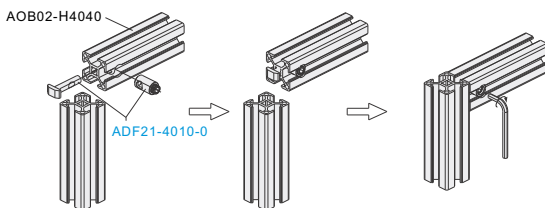
The first perspective



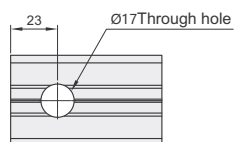
Example

Exploded drawing

Assembly drawing



Mounting hole dimension of extrusion:



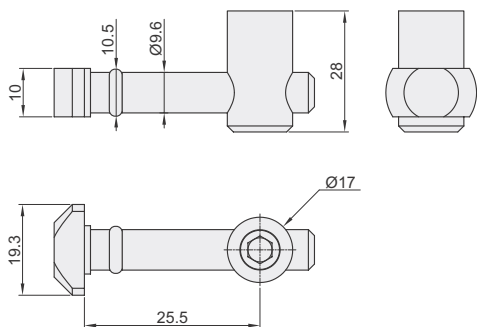
See page 474 for details of after-processing code.

Right angle connector

Code	Type	Material	Surface Treatment
ADF21-4010	Right angle connector 90 degree	Carbon steel	Galvanized

Used for 90° internal connection between extrusions, top and bottom installation.

ADF21-4010-90



Code	Weight(g/pcs)
ADF21-4010-90	57



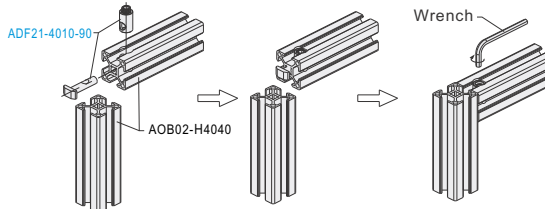
The first perspective



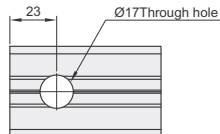
Example

Exploded drawing

Assembly drawing



Mounting hole dimension of extrusion:



See page 474 for post-processing code



Code
ADF21-4010-0
ADF21-4010-90

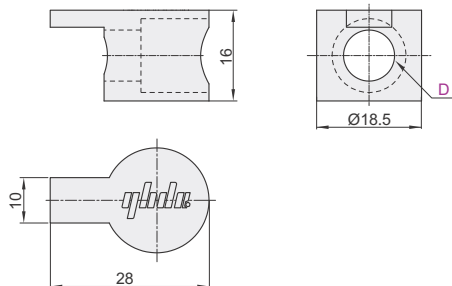


Built-in connector

Code	Type	Material	Surface Treatment
ADJ31-4010	Built-in connector	SUS304	Grind shot blasted
ADJ42-4010		Zinc alloy	Nickel plating

Used for 90° internal connection between extrusions and high connections strength.

ADJ31-4010-D9
ADJ42-4010-D9
ADJ42-4010-D6.5



Code	Weight(g/pcs)
ADJ31-4010-D9	20
ADJ42-4010-D9	16
ADJ42-4010-D6.5	18.3



The first perspective



Please order as shown

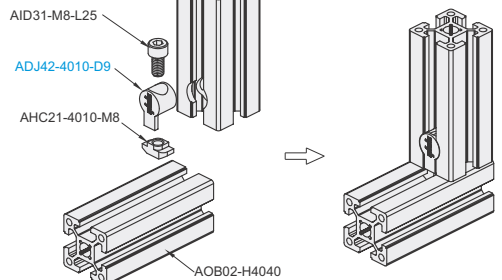
Code
ADJ42-4010-D9
ADJ42-4010-D6.5



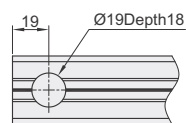
Optional Processing



Example



Processing dimension of extrusion:



See page 472 for post-processing code.

Code ADJ31-4010-D9-SET-OB ADJ42-4010-D6.5-SET-OB
ADJ42-4010-D9-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolts and nuts	SET-OB	When SET is specified, it is equipped with bolts and T nuts matched with built-in connectors.(Example) Bolts: AID31-M6-L25 AID31-M8-L25 T nuts: AHC21-4010-M6 AHC21-4010-M8 AHC31-4010-M8

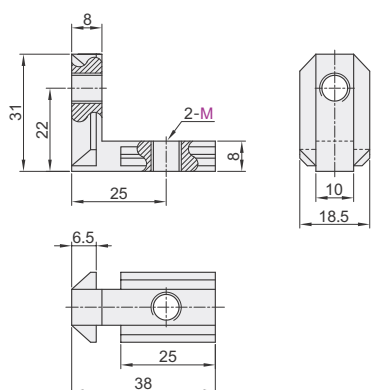
❑ Casting angle groove connector

Code	Type	Material	Surface Treatment
ADQ21-4010	Casting angle groove	Carbon steel	Galvanized
ADQ31-4010	connector	SUS304	—

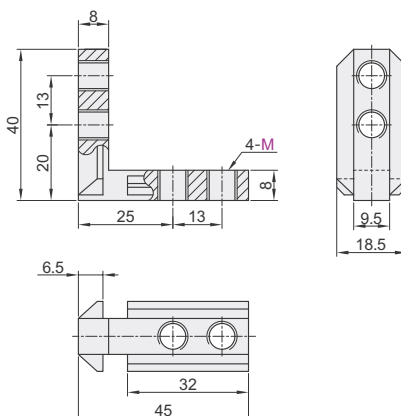
❑ Used for 90° internal connection between extrusions, convenient and fast.



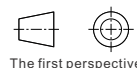
ADQ21-4010-M8
ADQ31-4010-M8



ADQ21-4010-M8-S
ADQ31-4010-M8-S



Code	Weight(g/pcs)
ADQ21-4010-M8	46
ADQ31-4010-M8	47
ADQ21-4010-M8-S	53
ADQ31-4010-M8-S	53

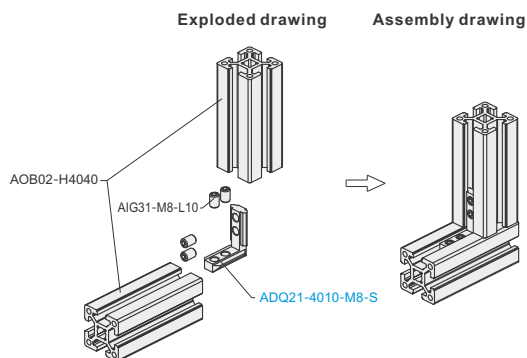


The first perspective

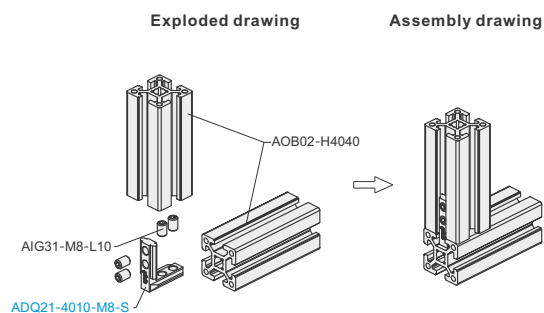
EX

Example

❑ Internal installation



❑ External installation



Please order as shown

Code
ADQ21-4010-M8
ADQ31-4010-M8



Quotation
Way



Optional
Processing

❑ Code ADQ21-4010-M8-SET-OB
ADQ21-4010-M8-S-SET-OB

Add processing project	Code	Spec.
Equipped with suitable set screw	SET-OB	When SET is specified, it is equipped with set screw matched with connector.(Example) Set screw:AIG31-M8-L10

Movable hinge

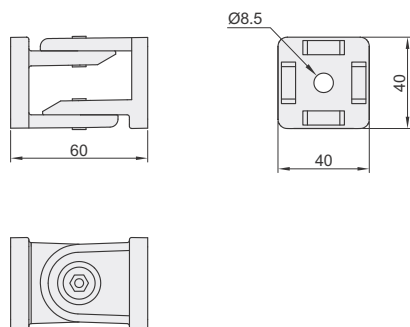
Code	Type	Material	Surface Treatment
ADU48-G408	No handle movable hinge	Zinc alloy	Oil Injection
ADU48-G408-S	With handle movable hinge		

Used for any angle connection between extrusions, can be moved and locked after connection.



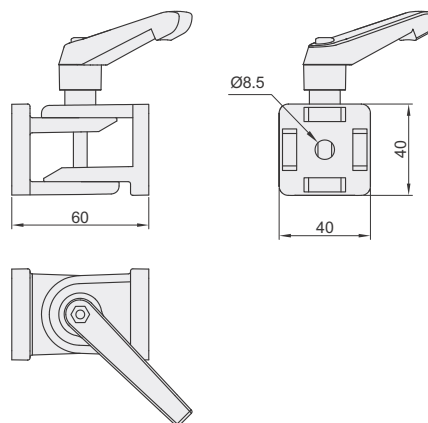
No handle movable hinge(with accessories)

ADU48-G408



With handle movable hinge(with accessories)

ADU48-G408-S

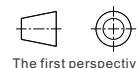


Accessories



Code	Weight(g/pcs)
ADU48-G408	300
ADU48-G408-S	330

Accessories



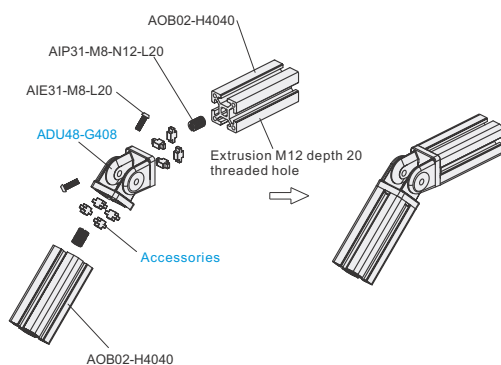
The first perspective



Example

Exploded drawing

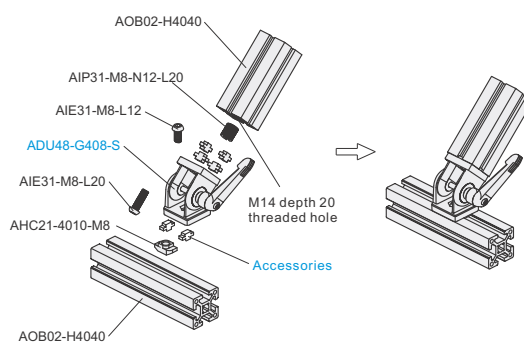
Assembly drawing



Example

Exploded drawing

Assembly drawing



Please order as shown

Code
ADU48-G408
ADU48-G408-S



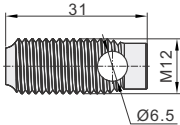
Quotation Way

 Bolt sleeve connector

Code	Type	Material	Surface Treatment
ADC21	Bolt sleeve connector	Carbon steel	Blue zinc plating

 Used for vertical connection between two extrusions.

ADC21-4010

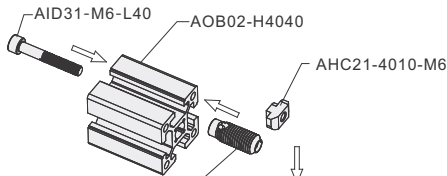


Code	Weight(g/pcs)
ADC21-4010	24.4

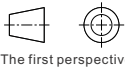
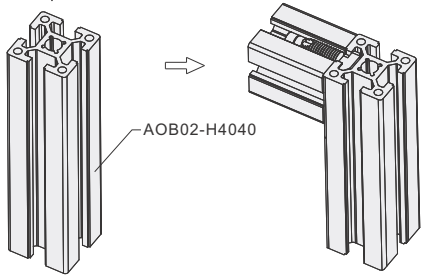


Example

Exploded drawing



Assembly drawing



The first perspective



Please order as shown

Code
ADC21-4010



Quotation Way



Optional Processing

 Code ADC21-4010-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolts and T nuts	SET-OB	When SET is specified, it is equipped with bolts and T nuts matched with bolt sleeves connector.(Example) Bolt: AID31-M6-L40 T nut: AHC21-4010-M6

T nut

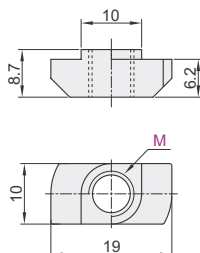
Code	Type	Material	Surface Treatment
AHC21-4010	T nut	Carbon steel	Nickel plating
AHC22-4010			Galvanized

It is a special post-install nut for extrusions, which is convenient and fast.

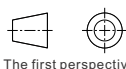
AHC21-4010-M4
AHC21-4010-M5
AHC21-4010-M6
AHC21-4010-M8

AHC22 is high quality nuts

AHC22-4010-M4
AHC22-4010-M5
AHC22-4010-M6
AHC22-4010-M8



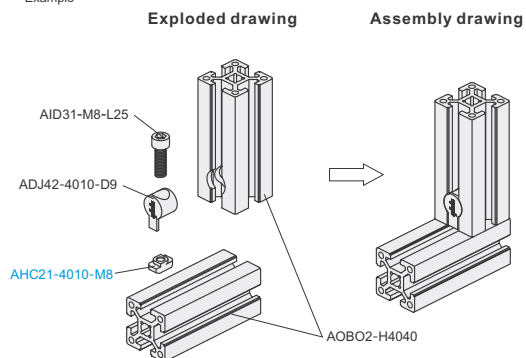
Code	Weight(g/pcs)
AHC21-4010-M4	8.0
AHC21-4010-M5	7.8
AHC21-4010-M6	6.7
AHC21-4010-M8	5.4
AHC22-4010-M4	8.0
AHC22-4010-M5	8.0
AHC22-4010-M6	6.7
AHC22-4010-M8	5.4



The first perspective



Example



Please order as shown



Code
AHC21-4010-M6
AHC21-4010-M8



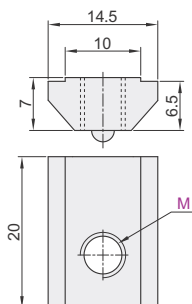
Special Nut ➤ EU Standard 40 Groove Width 10.2 Series Extrusion Accessories-Fastening Part

After loading marble nut

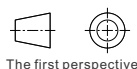
Code	Type	Material	Surface Treatment
AHK22-4010	After loading marble nut	Carbon steel	Galvanized

It is a special post-install nut for extrusions, it can be positioned at any position in the extrusion groove.

AHK22-4010-M4
AHK22-4010-M5
AHK22-4010-M6
AHK22-4010-M8



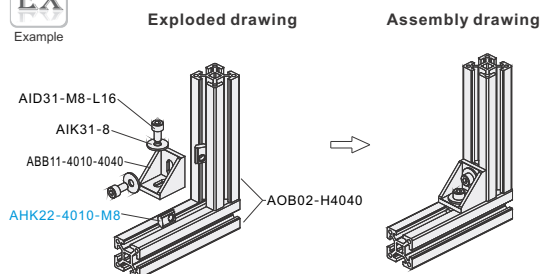
Code	Weight(g/pcs)
AHK22-4010-M4	11.0
AHK22-4010-M5	10.5
AHK22-4010-M6	9.9
AHK22-4010-M8	9.3



The first perspective



Example

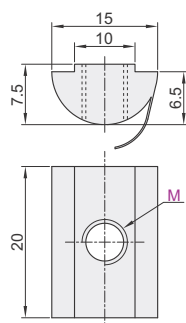


Shrapnel nut

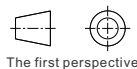
Code	Type	Material	Surface Treatment
AHL21-4010	Shrapnel nut	Carbon steel	Nickel plating

It is a special post-install nut for extrusions with high strength connection, it can be positioned at any position in the extrusion groove.

AHL21-4010-M4
AHL21-4010-M5
AHL21-4010-M6
AHL21-4010-M8



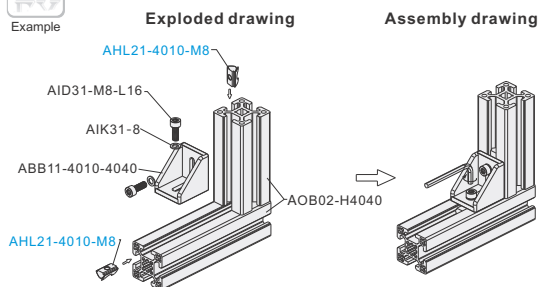
Code	Weight(g/pcs)
AHL21-4010-M4	12.0
AHL21-4010-M5	11.8
AHL21-4010-M6	11.5
AHL21-4010-M8	10.5



The first perspective



Example



Please order as shown

Code
AHL21-4010-M6
AHL21-4010-M8

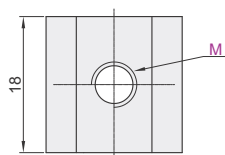
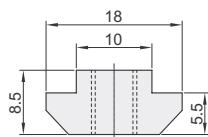


Slide nut

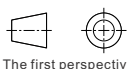
Code	Type	Material	Surface Treatment
AHN21-4010	Slide nut	Carbon steel	Galvanized

It is a special post-install nut for extrusions with high strength connection.

AHN21-4010-M4
AHN21-4010-M5
AHN21-4010-M6
AHN21-4010-M8
AHN21-4010-M10



Code	Weight(g/pcs)
AHN21-4010-M4	15.6
AHN21-4010-M5	15.4
AHN21-4010-M6	14.9
AHN21-4010-M8	13.5
AHN21-4010-M10	12.1

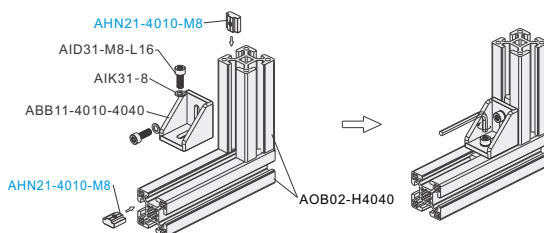


The first perspective



Exploded drawing

Assembly drawing



Code
AHN21-4010-M5
AHN21-4010-M6

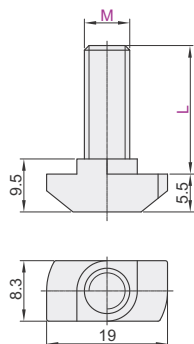


T Bolt

Code	Type	Material	Surface Treatment
AIC22-4010	T Bolt	Carbon steel	Nickel plating

It is a special post-install nut for extrusions, which is convenient and fast.

AIC22-4010-M8-L20
AIC22-4010-M8-L25
AIC22-4010-M8-L30
AIC22-4010-M8-L35
AIC22-4010-M8-L40



Code	Weight(g/pcs)
AIC22-4010-M8-L20	13.0
AIC22-4010-M8-L25	14.4
AIC22-4010-M8-L30	16.2
AIC22-4010-M8-L35	19.0
AIC22-4010-M8-L40	19.5



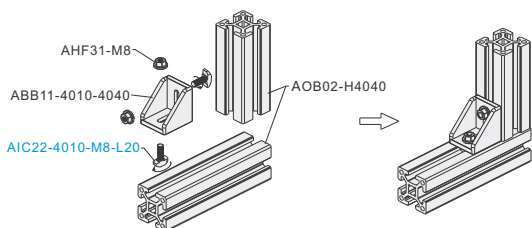
The first perspective



Example

Exploded drawing

Assembly drawing

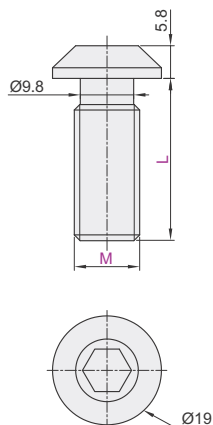


Big Head Bolt

Code	Type	Material	Surface Treatment
AIL21-4010	Big head bolt	Carbon steel	Galvanized

Used for 90° connection of extrusions.

AIL21-4010-M12-L30



Code	Weight(g/pcs)
AIL21-4010-M12-L30	27.5



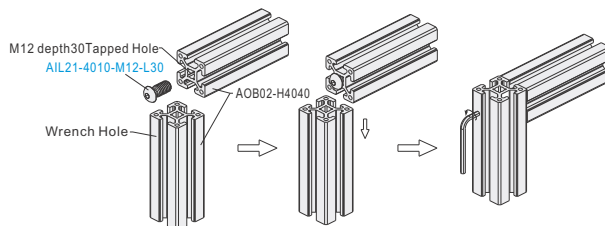
The first perspective



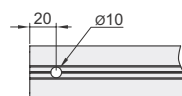
Example

Exploded drawing

Assembly drawing



Wrench hole for after-processing:



See page 470 for after-processing code.



Code
AIC22-4010-M8-L20
AIC22-4010-M8-L25



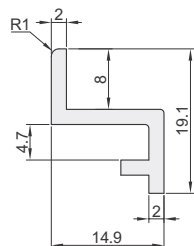
EU Standard 40 Groove Width 10.2 Series Extrusion Accessories-Sealing Part

After loading panel plate /After loading panel batten

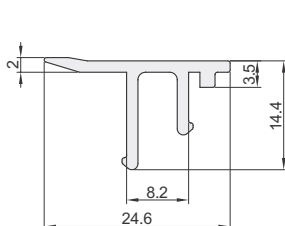
Code	Type	Material	Surface Treatment/Color
AMH01-408-A	After loading panel plate	A6063-T5	Sandblast oxidation
AMH61-4010A	After loading panel batten	PVC	light grey (similar to RAL7035)

The product is suitable for sealing plates with a wall thickness of 5mm.

AMH01-408-A



AMH61-4010A



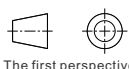
Code	Minimum unit	Weight(g/m)
AMH01-408-A	1m	193
AMH61-4010A		72

Order quantity×minimum unit(1m)=actual length meters

AMH01-408-A maximum length is 4 meters.

AMH61-4010A maximum length is 3 meters.

The unit price quoted is 1 meter price

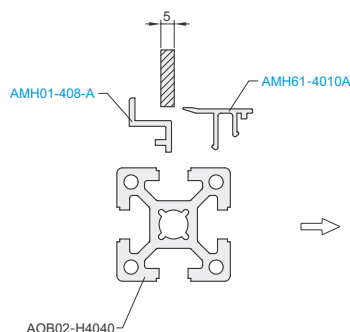


The first perspective

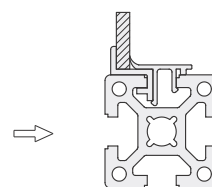


Example

Exploded drawing



Assembly drawing

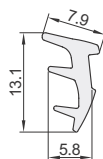


Panel Batten

Code	Type	Material	Color
AML71	Panel batten	TPV	light grey(similar to RAL7001)
AML72			Black

Used for fixing the sealing plate, which is used to fix the sealing plate in the extrusion groove.

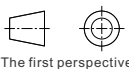
AML71-A
AML72-A



Code	Minimum unit	Weight(g/m)
AML71-A	1m	62
AML72-A		

Order quantity × minimum unit(1m)=actual length meters

Max length :200 meter/roll

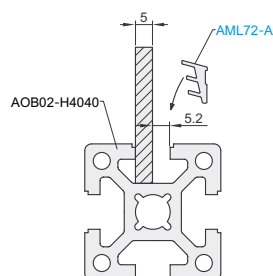


The first perspective

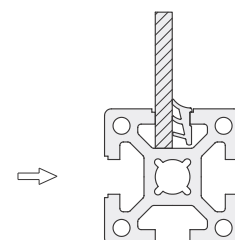


Example

Exploded drawing



Assembly drawing



Please order as shown



Code
AML71-A
AML72-A



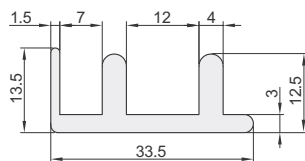
EU Standard 40 Groove Width 10.2 Series Extrusion Accessories-Sealing Part

Door chute

Code	Type	Material	Surface Treatment
AMS01	Door chute	A6063-T5	Sandblast oxidation

Used to made slide rails for 1530 sliding doors.

AMS01-E

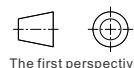
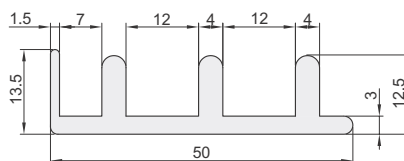


Code	Minimum Unit	Weight(g/m)
AMS01-E	1m	525
AMS01-W		720

Order quantity×minimum unit(1m)=actual length meters

Maximum length of use:4 meters/piece

AMS01-W



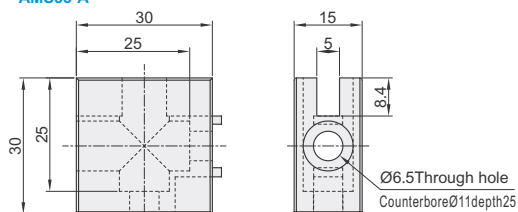
The first perspective

Door chute fixed block

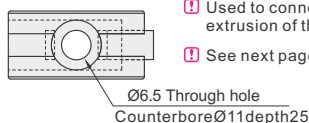
Code	Type	Material	Color
AMS51	Door chute fixed block	PA	White (similar to RAL9003)
AMS53			light grey (similar to RAL7040)

Used for the connection of the 1530 extrusion door frame, and plays a sliding role of sliding door.

AMS51-A AMS53-A

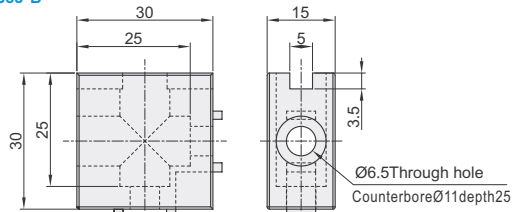


Used to connect the upper extrusion of the door frame.
See next page for usage example.

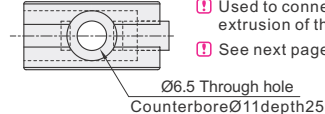


Code	Weight(g/pcs)
AMS51-A	11
AMS53-A	

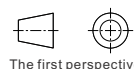
AMS51-B AMS53-B



Used to connect the lower extrusion of the door frame.
See next page for usage example.



Code	Weight(g/pcs)
AMS51-B	12
AMS53-B	



The first perspective

Slide fixed block

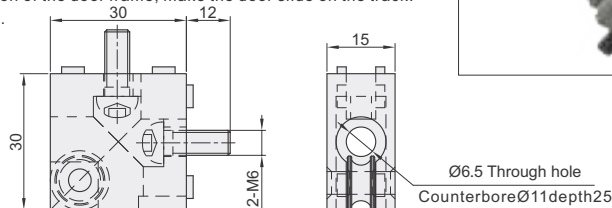
Code	Type	Material	Surface Treatment
AMS07	Slide fixed block	Aluminum alloy	Oil Injection

Used for the connection of the 1530 extrusion door frame, and plays a sliding role of sliding door, use with AMS53-A.

Used to connect the lower extrusion of the door frame, make the door slide on the track.

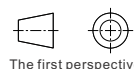
See next page for usage example.

AMS07-B



Code	Weight(g/pcs)
AMS07-B	25

Ø6.5 Through hole
CounterboreØ11depth25



The first perspective



Please order as shown

Code
AMS01-E
AMS01-W



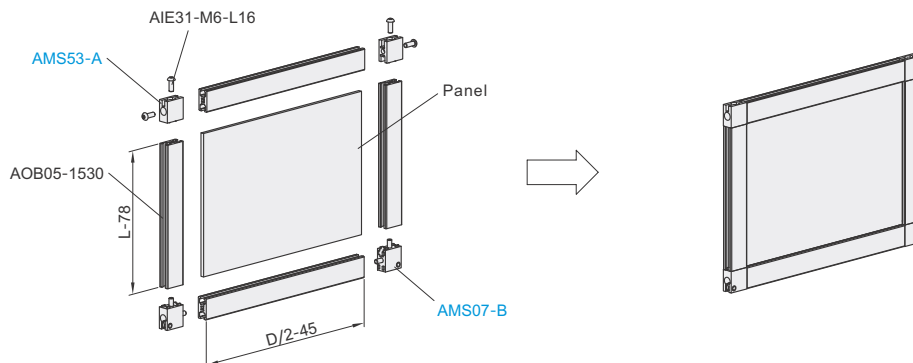
Quotation Way

EU Standard 40 Groove Width 10.2 Series Extrusion Accessories-Sealing Part



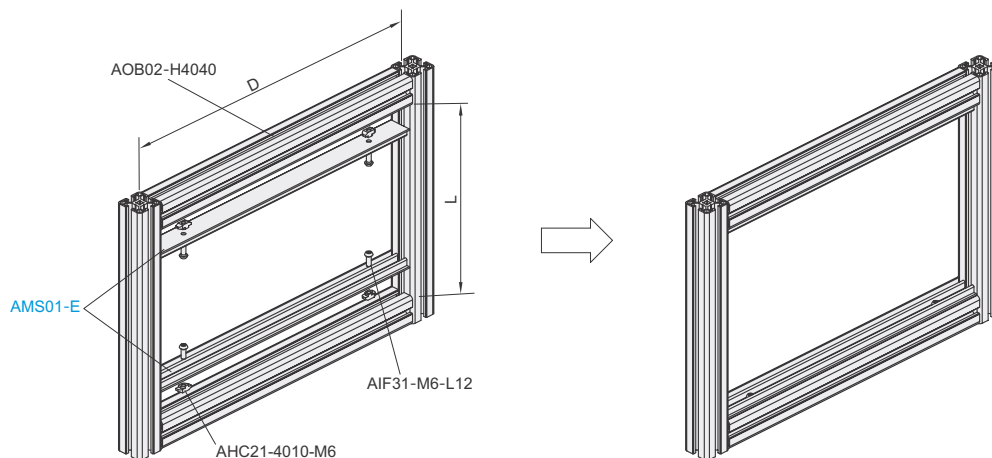
Step 1: Install door and windows

The doors and windows are respectively connected by the door chute **AMS53-A**(top) and the door chute fixed block **AMS07-B**(bottom), and 1530 extrusions are connected by bolts.



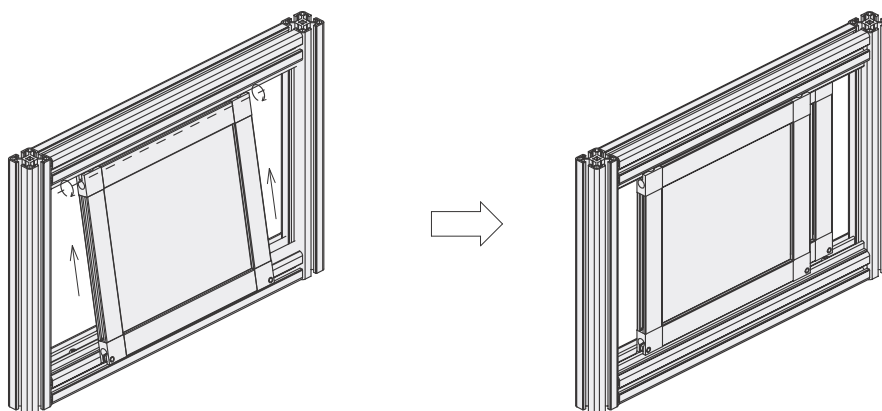
Step 2: Install door chute

Fix the door chute **AMS01-E** on the rack and hexagon socket countersunk head screw **AIF31-M6-L12** with T nut **AHC21-4010-M6**.



Step 3: Built-in doors and windows

Finally, install the installed doors and windows into the door chute, and the sliding door is assembled.



EU Standard 40 Groove Width 10.2 Series Extrusion Accessories-Sealing Part

Space fixed block

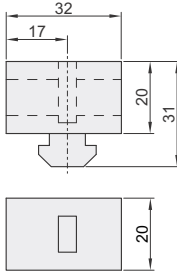
Code	AMV51-4010	AMV53-4010
Type	Space fixed block	Space fixed block
Material	PA	PA
Color	White (similar to RAL9003)	light grey (similar to RAL7030)
Weight(g/pcs)	12.9	13.8

① Used for fixing plexiglass or other board.

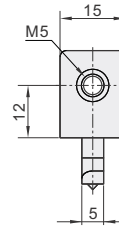
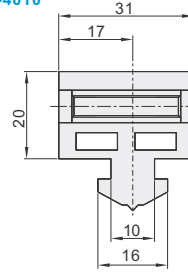
② Insert the fixing block into the extrusion groove, turn it clockwise, and fix the corresponding plate with screw.



AMV51-4010



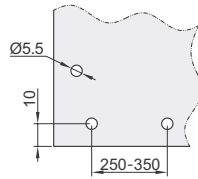
AMV53-4010



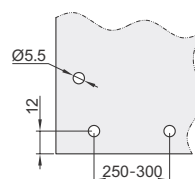
The first perspective

Processing dimension of plate

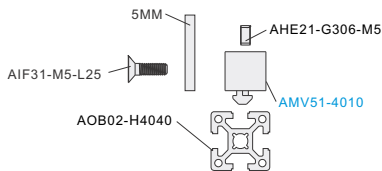
AMV51-4010



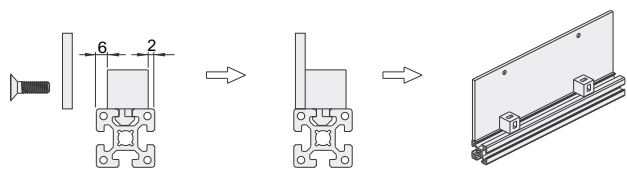
AMV53-4010



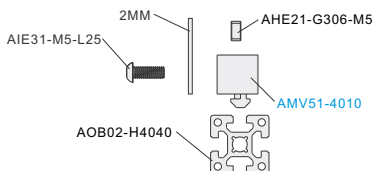
Exploded drawing



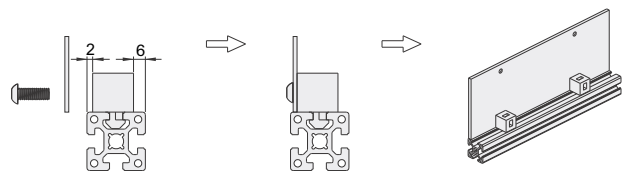
Assembly drawing



Exploded drawing



Assembly drawing



Code AMV51-4010-SET-A AMV51-4010-SET-B



Add processing project	Code	Spec.
Equipped with suitable bolts and nuts	SET-A	When SET is specified, it is equipped with bolts and nuts mached with space fixed block. Bolt: AIF31-M5-L25 Square nut: AHE21-G306-M5
	SET-B	When SET is specified, it is equipped with bolts and nuts mached with space fixed block. Bolt: AIE31-M5-L25 Square nut: AHE21-G306-M5



Code
AMV51-4010
AMV53-4010



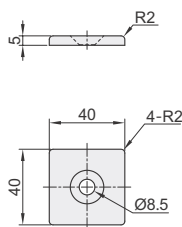
☑ Aluminum alloy end cap

Code	Type	Material	Surface Treatment
ARC01-408	Aluminum alloy end cap	A6063-T5	Sandblast oxidation
ARC01-4010			

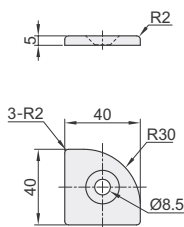
① Used at section of extrusion, dustproof and beautiful with firm connection .



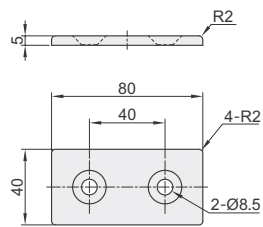
ARC01-408-4040



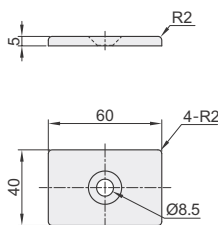
ARC01-408-4040R(Only suitable for Yiheda extrusion)



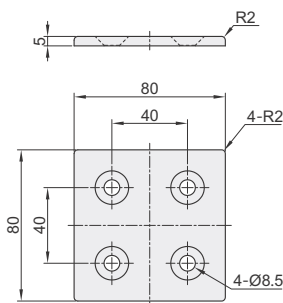
ARC01-408-4080



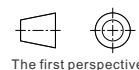
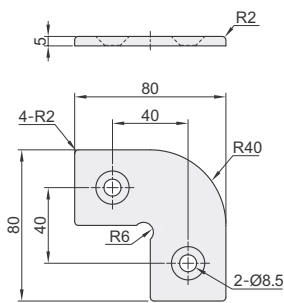
ARC01-4010-4060



ARC01-408-8080

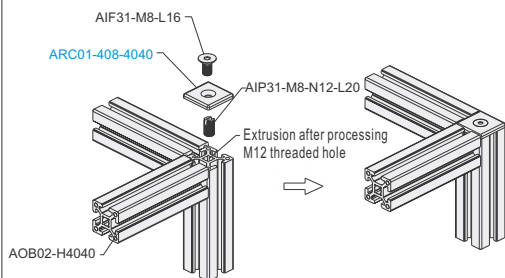


ARC01-408-8840R



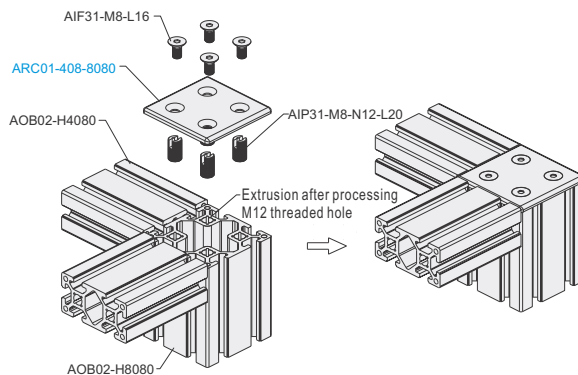
Exploded drawing

Assembly drawing



Exploded drawing

Assembly drawing



Part number	Weight (g/pcs)	Applicable extrusion	Note
Code		AOB02	
ARC01-408-4040	19.7	H4040, H4040A, H4040B, H4040C, H4040E	Aluminum alloy end cap Mating screws AIF31-M8-L16 Use with corresponding threaded sleeve
ARC01-408-4040R	17.4	H4040R	
ARC01-4010-4060	30.5	H4060	
ARC01-408-4080	39.5	H4080, H4080C	
ARC01-408-8080	79.4	H8080	
ARC01-408-8840R	56.5	H8840R	



Code

ARC01-408-8080

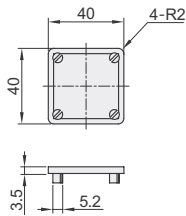
❑ Plastic end cap

Code	Type	Material	Color
ARC51-4010-H4040	Plastic end cap	PA	light grey(similar to RAL7038)
ARC52-4010			Black

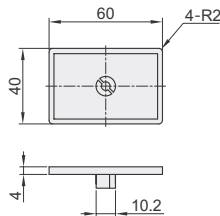
❑ Used at the section of extrusion, dustproof and beautiful.



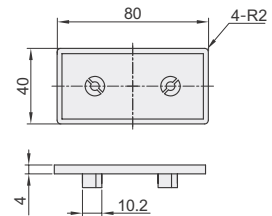
ARC51-4010-H4040
ARC52-4010-H4040



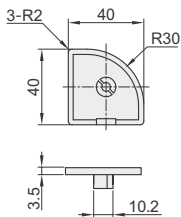
ARC51-4010-H4060
ARC52-4010-H4060



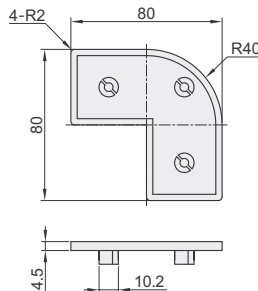
ARC51-4010-H4080
ARC52-4010-H4080



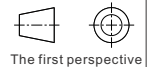
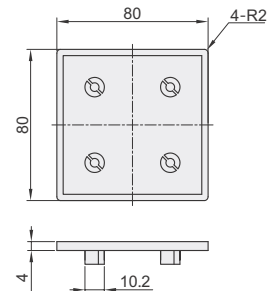
ARC51-4010-H4040R (Only suitable for Yiheda extrusion)
ARC52-4010-H4040R



ARC51-4010-H8840R
ARC52-4010-H8840R



ARC51-4010-H8080
ARC52-4010-H8080



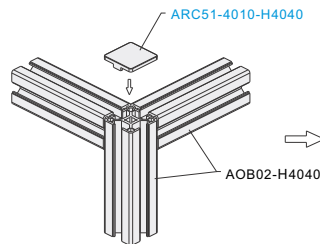
The first perspective

Part number Code	Weight (g/pcs)	Applicable extrusion A0B02		
ARC51-4010-H4040 ARC52-4010-H4040	4.6	H4040 H4040B	H4040E H4040C	H4040A
ARC51-4010-H4040R ARC52-4010-H4040R	5.3	H4040R		
ARC51-4010-H4060 ARC52-4010-H4060	8.6	H4060		
ARC51-4010-H4080 ARC52-4010-H4080	11	H4080	H4080C	
ARC51-4010-H8840R ARC52-4010-H8840R	19	H8840R		
ARC51-4010-H8080 ARC52-4010-H8080	26	H8080	H8080C	

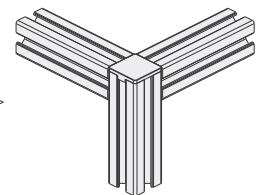


Example

Exploded drawing



Assembly drawing



Please order as shown

Code
ARC51-4010-H4040
ARC51-4010-H4040R
ARC51-4010-H4060

Quotation
Way

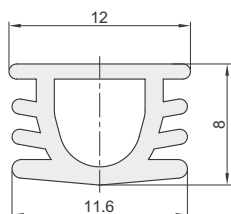


Sealing strip

Code	Type	Material	Color
ARG51-4010	Sealing strip	PVC	light grey(similar to RAL7047)
ARG52-4010			Black

- ① Used for decoration of extrusion groove, dustproof and beautiful.
- ① Others colors can be customized, order from 1000 meters.

ARG51-4010
ARG52-4010



Code	Minimum unit	Weight(g/m)
ARG51-4010	1m	59
ARG52-4010		

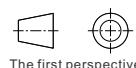
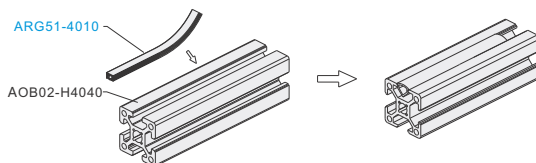
- ① Order quantity × minimum unit(1m)=actual length meters
- ① Maximum length of the product: 100 meters/roll



Example

Exploded drawing

Assembly drawing



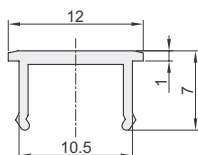
The first perspective

Soft flat seal groove strip

Code	Type	Material	Color
ARK51-4010	Soft flat seal groove strip	PE	light grey(similar to RAL7047)
ARK52-4010			Black

- ① Used for decoration of extrusion groove, dustproof and beautiful.
- ① Others colors can be customized, order from 1000 meters.

ARK51-4010
ARK52-4010



Code	Minimum unit	Weight(g/m)
ARK51-4010	1m	34
ARK52-4010		

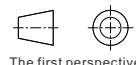
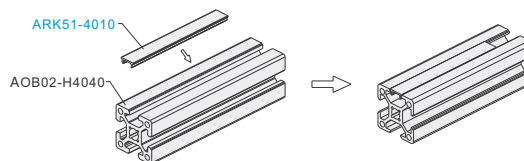
- ① Order quantity×minimum unit(1m)=actual length meters
- ① Maximum length of the product: 100 meters/roll
- ① The unit price quoted is 1 meter price



Example

Exploded drawing

Assembly drawing



The first perspective



Please order as shown



Code
ARK51-4010
ARK52-4010

Quotation
Way

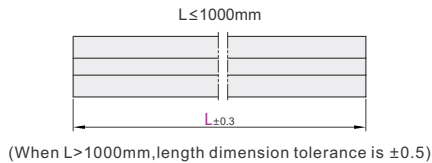


Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast Oxidation

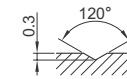
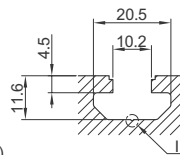
- ① The fracture section haven't do oxidation.
- ① Maximum length of use: 3800~3850mm;
The whole standard length: 4000mm.



📏 L length tolerance

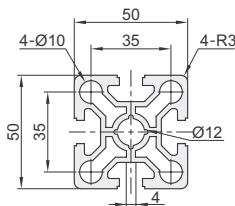


🔍 Details of notch

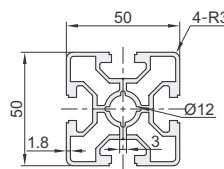


Enlarged view of part I

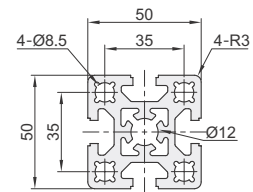
AOB05-5050



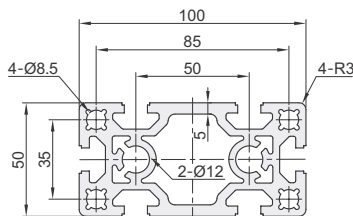
AOB05-5050YA



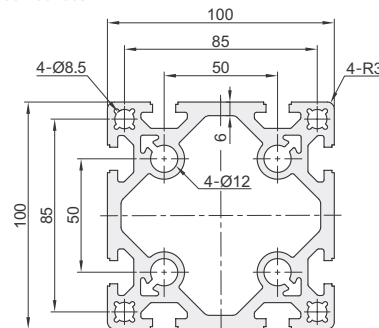
AOB05-5050J



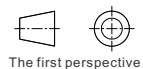
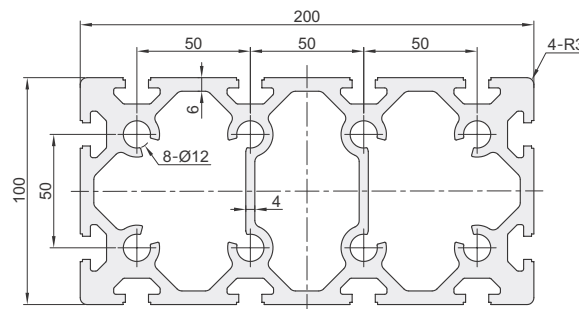
AOB05-50100J



AOB05-100100J



AOB05-100200J



Part Number		L 0.5 mm Inc.	Section Dimension	Weight (Kg/m)	Sectional area (mm²)	Moment of inertia of section		Bending section modulus	
Code	No.					tx	ty	Wxmax(mm³)	Wymax(mm³)
AOB05	5050	50~4000	50×50	2.81	990.43	24.53×10⁴	24.53×10⁴	9812.80	9812.80
	5050YA			2.15	756.54	18.44×10⁴	18.44×10⁴	7377.20	7377.20
	5050J			3.47	1222.00	28.45×10⁴	28.45×10⁴	11380.44	11380.44
	50100J		50×100	5.73	2020.43	54.14×10⁴	207.21×10⁴	21654.72	41442.56
	100100J		100×100	9.36	3301.35	384.13×10⁴	384.13×10⁴	76825.04	76825.04
	100200J		100×200	17.79	6276.57	808.47×10⁴	2791.44×10⁴	161694.66	279143.94

① Optional processing see next page.

🔍 Optional Processing



Please order as shown

Part Number		L 0.5 mm Inc.	Section Dimension
Code	No.		
AQB05	5050	50~4000	50×50
	5050YA		
AQB05—5050—L1200			

Part Number		L 0.5 mm Inc.	Optional Processing Code
Code	No.		
AQB05	5050	50-4000	LM RM DM
	5050YA		
AQB05—5050—1200—RM			

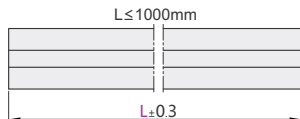


Code	Material	Surface Treatment
AOB02	A6063-T6	Alkaline Sand Oxidation
AOB05	A6063-T5	Sandblast Oxidation

❗ The fracture section haven't do oxidation.

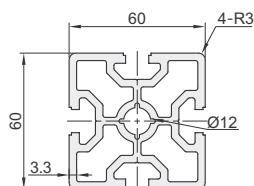
❗ Maximum length of use: 3800~3850mm;
The whole standard length: 4000mm.

❑ L length tolerance

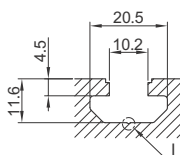


(When L > 1000, length dimension tolerance is ± 0.5)

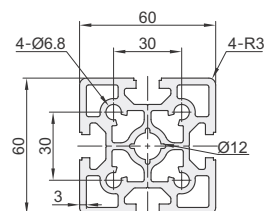
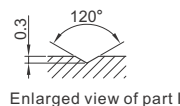
AOB05-H6060YF



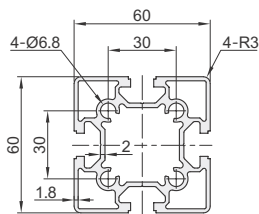
❑ Details of notch



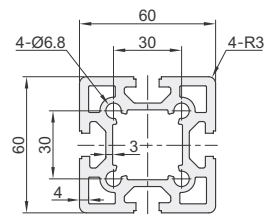
AOB02-H6060YF



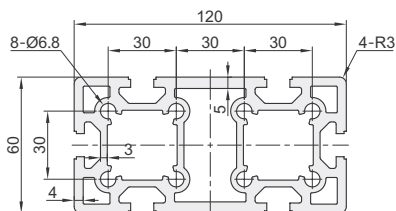
AOB05-6060YA



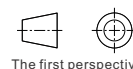
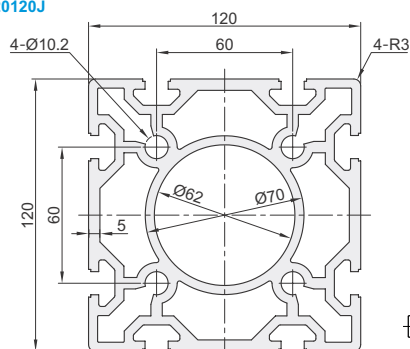
AOB05-6060J



AOB05-60120J



AOB05-120120J



Part number		L 0.5mm Int	Section Dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _x max(mm ³)	W _y max(mm ³)
AOB02	H6060YF	50~4000	60×60	4.33	1525.92	51.77×10 ⁴	51.77×10 ⁴	13273.67	13273.67
	H6060YE			3.88	1370.08	48.54×10 ⁴	48.54×10 ⁴	16180.93	16180.93
	6060YA			2.60	917.01	35.36×10 ⁴	35.36×10 ⁴	11787.47	11787.47
AOB05	6060J			4.20	1482.93	58.69×10 ⁴	58.69×10 ⁴	19564.70	19564.70
	60120J		60×120	7.27	2563.55	111.08×10 ⁴	383.77×10 ⁴	37028.03	63960.98
	120120J		120×120	12.86	4537.61	706.01×10 ⁴	706.01×10 ⁴	117667.85	117667.85



Part number		L 0.5mm Int.	Section Dimension
Code	No.		
AOB05	6060YA	50~4000	60×60
	6060J		

AOB05 — 6060YA — L1200

❑ Optional processing

Part number		L 0.5mm Int.	Optional Processing Code
Code	No.		
AOB05	6060YA	50~4000	LM RM DM
	6060J		

AOB05 — 6060YA — L1200 — RM



❑ End face screw processing

Code	Spec.
	Change through hole to threaded hole
	Selection method LM/RM/DM
	Ø12 4-Ø10.2
LM (Left end)	
RM (Right end)	
DM (Double end)	

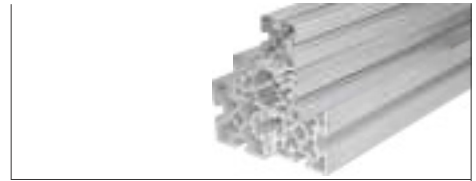
❗ Change through hole Ø12 to threaded hole M14 depth 36.
❗ Change through hole Ø10.2 to threaded hole M12 depth 28.

❗ See page 469~474 for optional processing.



Code	Material	Surface Treatment
AOB02	A6063-T6	Alkaline Sand Oxidation
AOB05	A6063-T5	Sandblast Oxidation

- ❗ The fracture section haven't do oxidation.
 ❗ Maximum length of use: 3800~3850mm;
 The whole standard length: 4000mm.

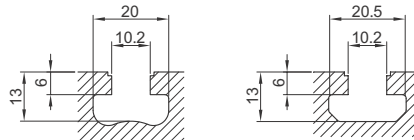


■ L length tolerance

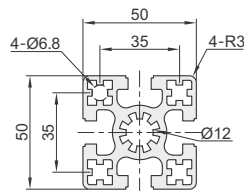


(When L > 1000, length dimension tolerance is ±0.5)

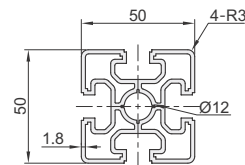
■ Details of notch



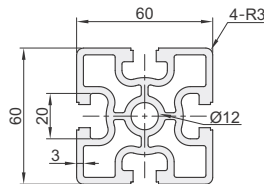
AOB02-H5050



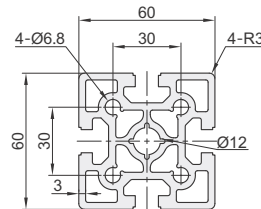
AOB05-5050A



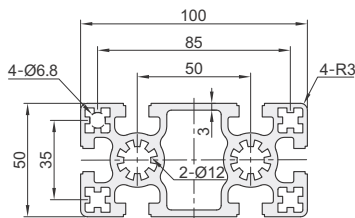
AOB02-H6060E



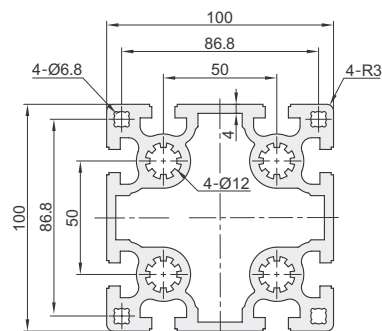
AOB02-H6060F



AOB02-H50100



AOB02-H100100



Part Number		L 0.5mm Int.	Section Dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I _x	I _y	W _x max(mm ³)	W _y max(mm ³)
AOB02	H5050	50~4000	50×50	3.07	1082.82	24.96×10 ⁴	24.96×10 ⁴	9983.52	9983.52
	H6060E		60×60	3.94	1391.19	47.63×10 ⁴	47.64×10 ⁴	15878.80	15878.80
	H6060F		60×60	4.50	1587.05	53.44×10 ⁴	53.44×10 ⁴	17811.97	17811.97
	H50100		50×100	5.20	1834.21	46.16×10 ⁴	184.33×10 ⁴	18465.04	36866.58
	H100100		100×100	9.73	3430.61	384.25×10 ⁴	384.25×10 ⁴	76849.20	76849.20
AOB05	5050A		50×50	2.13	750.29	17.36×10 ⁴	17.36×10 ⁴	6943.72	6943.72

❗ See the previous page for optional processing

■ Optional processing



Please order as shown

Part Number	L	Section Dimension
Code	No.	0.5mm Int.
AOB02	H6060E	50~4000
AOB02	H6060F	50~4000
AOB02—H6060E—L1200		

Part Number	L	Optional processing code
Code	No.	0.5mm Int.
AOB02	H6060E	50~4000
AOB02	H6060F	50~4000
AOB02—H6060E—L1200—RM		



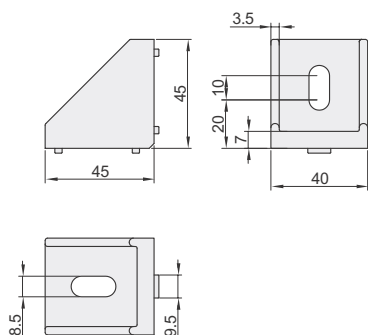
Die-casting angle plate

Code	Type	Material	Surface Treatment
ABB11-4510	Die-casting angle plate	ADC12	Sandblasting

- 1 Used for external connection and internal connection reinforcement of extrusion at a fixed angle.
 2 Placed the nut in groove of extrusion, connect the angle plate and the extrusion with bolts.

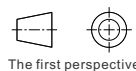
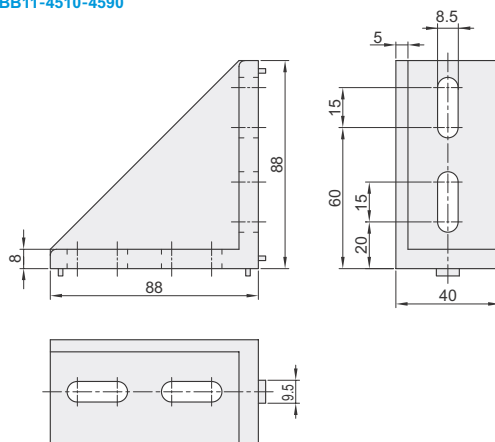


ABB11-4510-4545

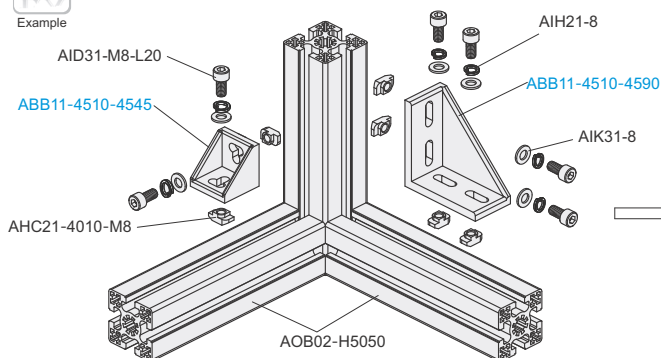


Code	Weight(g/pcs)
ABB11-4510-4545	49
ABB11-4510-4590	143

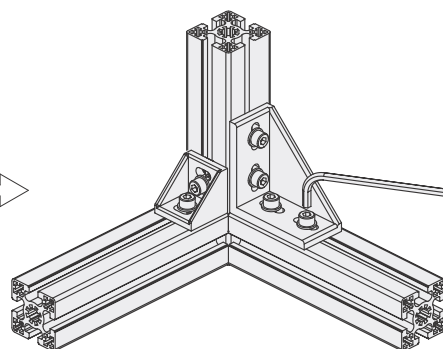
ABB11-4510-4590



Exploded drawing



Assembly drawing



Code
ABB11-4510-4545
ABB11-4510-4590



Optional processing

Part number	Optional processing code	Part number	Optional processing code
ABB11-4510-4590	S SET-OB	ABB11-4510-4590	S SET-OB
ABB11-4510-4590-SET-OB		ABB11-4510-4590-S-SET-OB	

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	Machining the threaded hole for mounting the panel on the side of the angle plate (single-side M5 threaded hole)
Equipped with suitable bolts, T nuts and washers	SET-OB	When SET is specified, it is equipped with bolts, nuts and washers to fix the angle plate on the extrusion. (Example) Bolt: AID31-M8-L20 T nut: AHC21-4010-M8 Washer: AIK31-8 Spring washer: AIH21-8

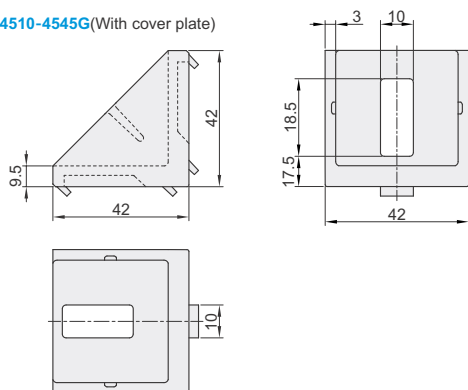
Die-casting angle plate

Code	Type	Material	Surface Treatment
ABB11-4510	Die-casting angle plate	ADC12	Grinding

- ① Used for external connection and internal connection reinforcement of extrusion at fixed angle.
 ② Placed the nut in the groove of extrusion, and connect the angle plate and the extrusion with bolts.



ABB11-4510-4545G(With cover plate)



Cover plate(matching use)

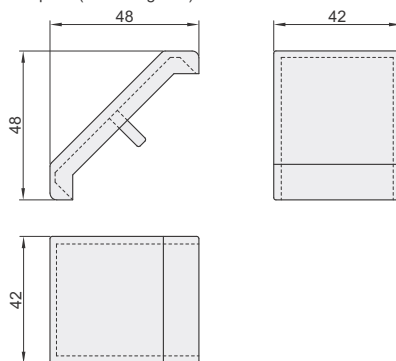
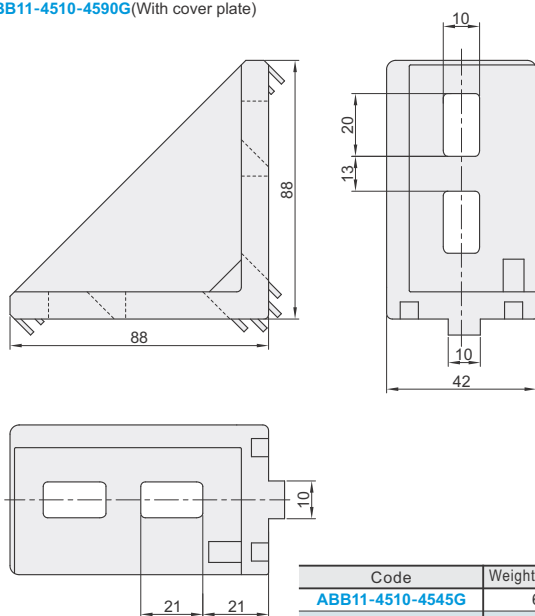
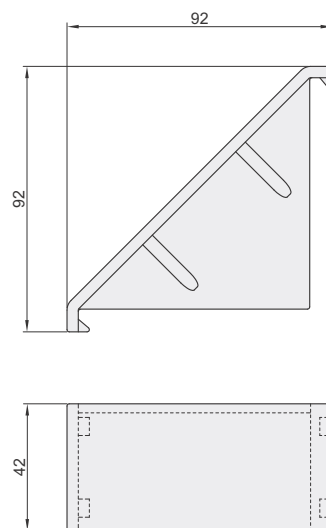


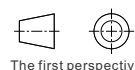
ABB11-4510-4590G(With cover plate)



Cover plate(matching use)



Code	Weight(g/pcs)
ABB11-4510-4545G	60
ABB11-4510-4590G	200

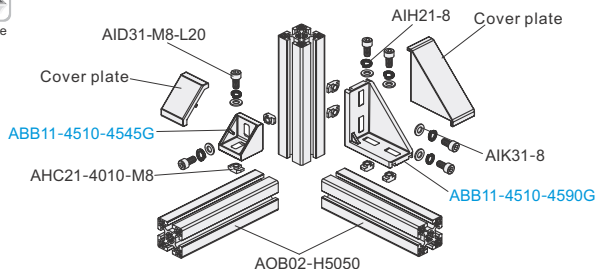


The first perspective

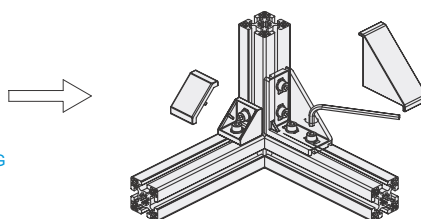


Example

Exploded drawing



Assembly drawing



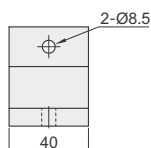
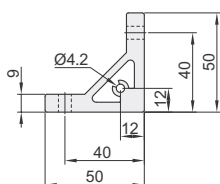
Extruding angle plate

Code	Type	Material	Surface Treatment
ABC01-5010	Extruding angle plate	A6063-T5	Sandblast Oxidation

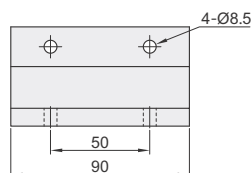
Used for external connection of extrusion at a fixed angle, can fix the sealing plate.



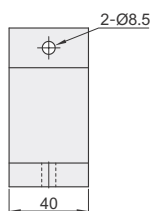
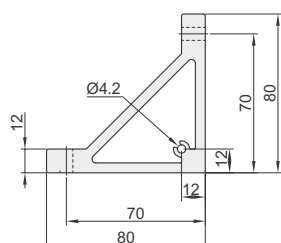
ABC01-5010-50-40



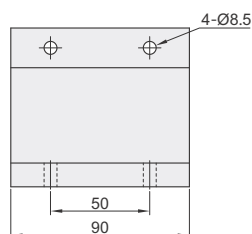
ABC01-5010-50-90



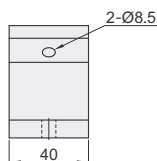
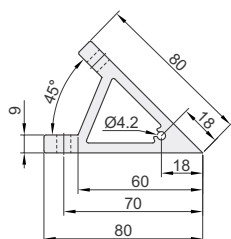
ABC01-5010-80-40



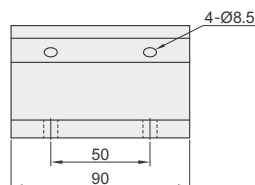
ABC01-5010-80-90



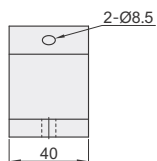
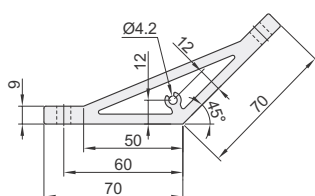
ABC01-5010-80A-40



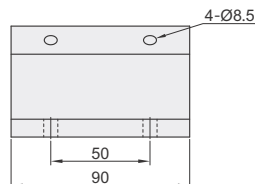
ABC01-5010-80A-90



ABC01-5010-70-40



ABC01-5010-70-90

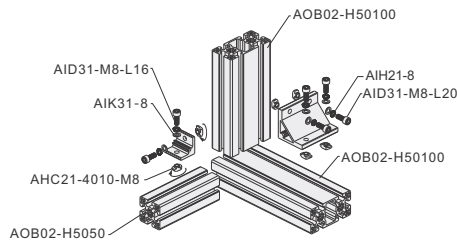


Code	Weight(g/pcs)
ABC01-5010-50-40	80
ABC01-5010-50-90	180
ABC01-5010-80-40	150
ABC01-5010-80-90	339

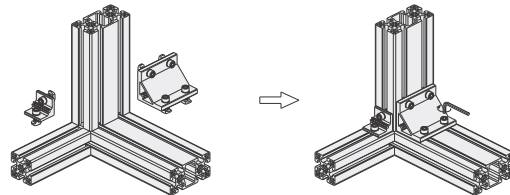
Code	Weight(g/pcs)
ABC01-5010-80A-40	111
ABC01-5010-80A-90	243
ABC01-5010-70-40	134
ABC01-5010-70-90	306



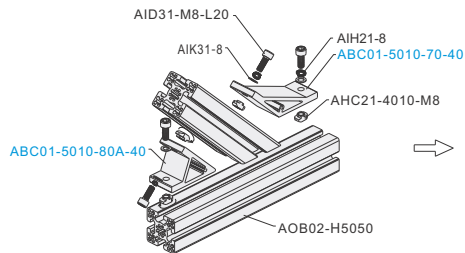
Exploded drawing



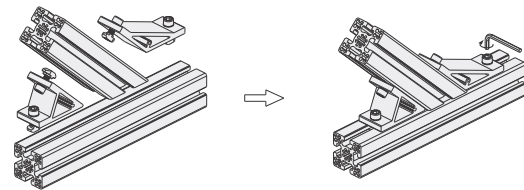
Assembly drawing



Exploded drawing



Assembly drawing



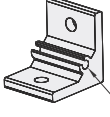
Code
ABC01-5010-50-40
ABC01-5010-50-90
ABC01-5010-80-40



Optional processing

Part number	Optional processing code
ABC01-5010-50-40	
ABC01-5010-50-90	
ABC01-5010-80-40	SET-OB
ABC01-5010-50-40-S	

Part number	Optional processing code
ABC01-5010-50-40	
ABC01-5010-50-90	
ABC01-5010-80-40	SET-OB
ABC01-5010-50-40-S-SET-OB	

Add processing project	Code	Spec.
Panel mounting threaded hole processing	S	 Machining the threaded holes for mounting the panel on the side of the angle plate(single-side M5 threaded holes,depth 15mm) Threaded hole position
Equipped with suitable bolts, T nuts and washers	SET-OB	When SET is specified, it is equipped with bolts, nuts and washers to fix the angle plate on the extrusion.(Example) Bolt:AID31-M8-L16 T nut:AHC21-4010-M8 Washer:AIK31-8 Spring washer:AIH21-8

Note: According to different angle plate thickness, equipped with different specifications of bolts.

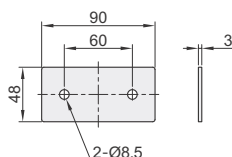
Extrusion connecting plate

Code	Type	Material	Surface Treatment
ACC31-5010	Extrusion connecting plate	SUS304	Single face brushed

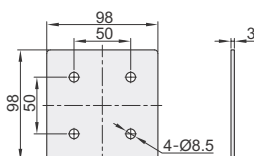
Used for high-strength connection of linear, cross, L-shaped and T-shaped extrusions.



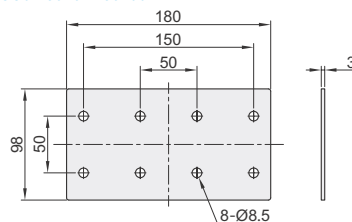
ACC31-5010-Y-5050



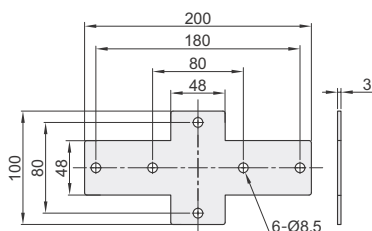
ACC31-5010-Y-50100C



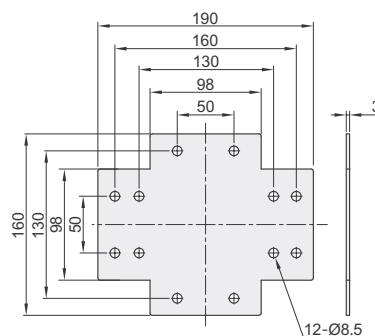
ACC31-5010-Y-50100



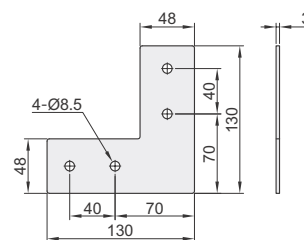
ACC31-5010-X-5050



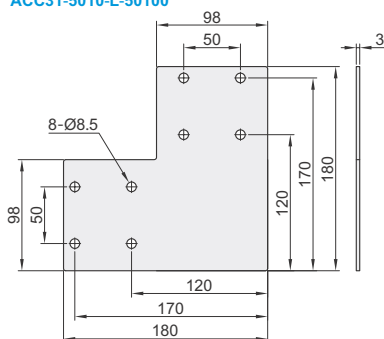
ACC31-5010-X-50100



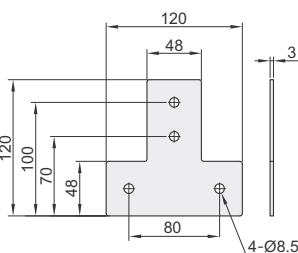
ACC31-5010-L-5050



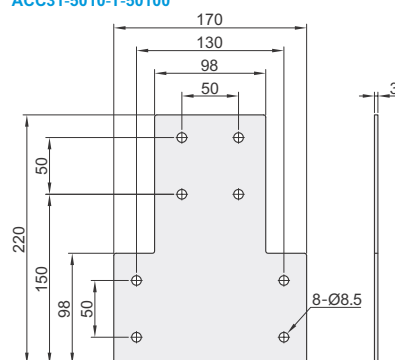
ACC31-5010-L-50100



ACC31-5010-T-5050

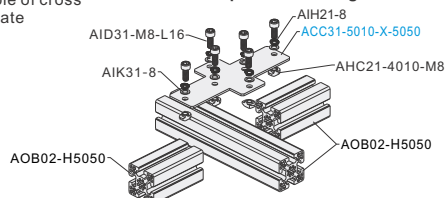


ACC31-5010-T-50100

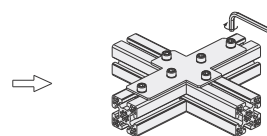


Usage example of cross connecting plate

Exploded drawing



Assembly drawing



Code	Weight(g/pcs)
ACC31-5010-Y-5050	109
ACC31-5010-Y-50100	399
ACC31-5010-Y-50100C	210
ACC31-5010-X-5050	277
ACC31-5010-X-50100	421
ACC31-5010-L-5050	234
ACC31-5010-L-50100	532
ACC31-5010-T-5050	210
ACC31-5010-T-50100	547



Quotation Way



Code
ACC31-5010-Y-5050
ACC31-5010-Y-50100
ACC31-5010-X-5050



Optional Processing

Code ACC31-5010-Y-5050-SET-OB

Add processing project	Code	Spec.
Equipped with suitable bolts, T nuts and washers	SET-OB	When SET is specified, it is equipped with bolts, nuts and washers to fix the extrusion connecting plate on the extrusion.(Example) Bolt: AID31-M8-L16 T nut: AHC21-4010-M8 Washer: AIK31-8 Spring washer: AIH21-8

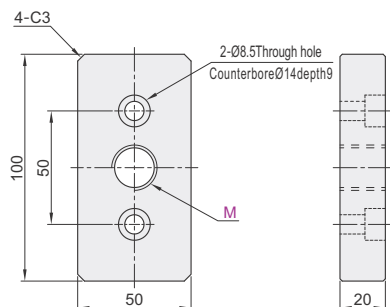
Leveling mounts connecting plate

Code	Type	Material	Surface Treatment
ACF23-5010	Leveling mounts connecting plate	Carbon steel	Chrome

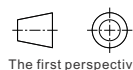
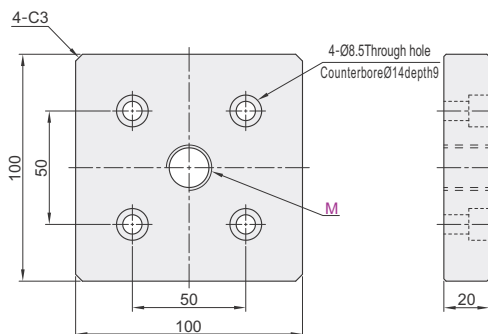
Used for connection of extrusion and leveling mounts.



ACF23-5010-50100-M16
ACF23-5010-50100-M20



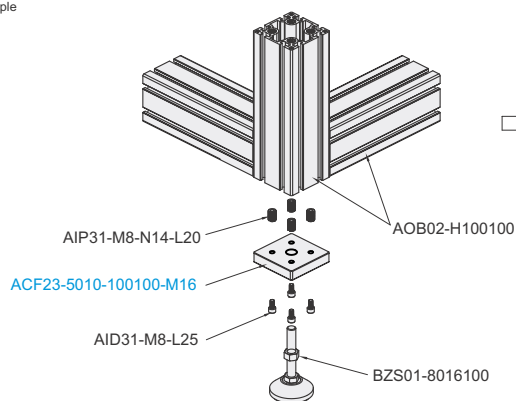
ACF23-5010-100100-M16
ACF23-5010-100100-M20



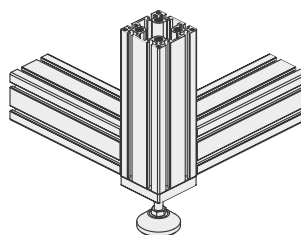
The first perspective



Exploded drawing



Assembly drawing



Code	Weight(g/pcs)
ACF23-5010-50100-M16	720
ACF23-5010-50100-M20	700
ACF23-5010-100100-M16	1470
ACF23-5010-100100-M20	1450



Code
ACF23-5010-50100-M16
ACF23-5010-50100-M20

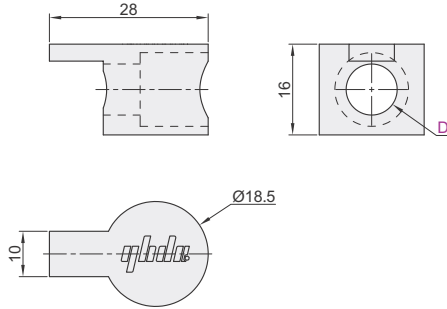


Built-in connector

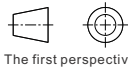
Code	Type	Material	Surface Treatment
ADJ31-4010	Built-in connector	SUS304	Grinding and sandblasting
ADJ42-4010		Zinc alloy	Nickel plating

Used for 90° internal connection of extrusions with high strength connection.

ADJ31-4010-D9
ADJ42-4010-D9
ADJ42-4010-D6.5



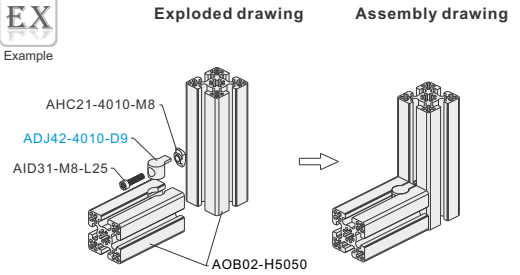
Code	Weight(g/pcs)
ADJ31-4010-D9	20
ADJ42-4010-D9	16
ADJ42-4010-D6.5	18.3



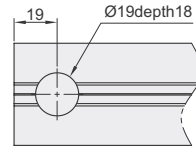
The first perspective



Example



Processing dimension of extrusion:



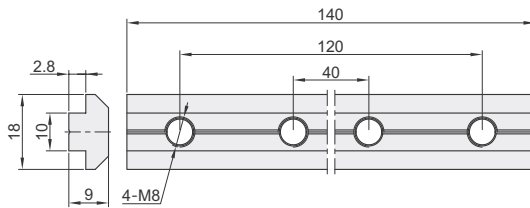
See page 472 for details of optional processing code.

Linear connector

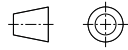
Code	Type	Material	Surface Treatment
ADL21-4510	Linear connector	Carbon steel	Galvanized

Used for high strength pair connection of two aluminum extrusions, the product is suitable for extrusion with a wall thickness of 6.

ADL21-4510



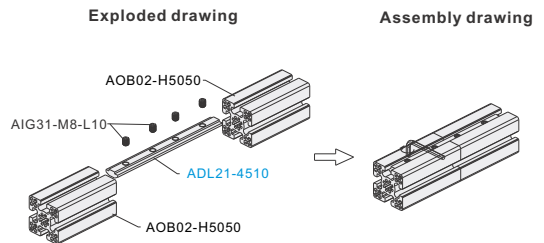
Code	Weight(g/pcs)
ADL21-4510	189



The first perspective



Example



Please order as shown

Code
ADL21-4510



Optional Processing

Code ADJ42-4010-D6.5-SET-OB ADJ42-4010-D9-SET-OB
ADL21-4510-SET-OB ADJ31-4010-D9-SET-OB

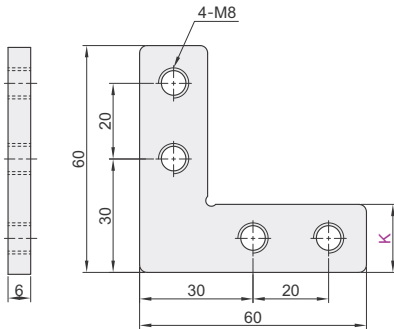
Add processing project	Code	Spec.
Equipped with suitable bolts, T nuts and set screws	SET-OB	When SET is specified, it is equipped with bolts, T nuts and set screw to use with connector.(Example) Bolt: AID31-M6-L25 AID31-M8-L25 T nut: AHC21-4010-M6 AHC21-4010-M8 AHC31-4010-M8 Set screw: AIG31-M8-L10

☑ Groove connector

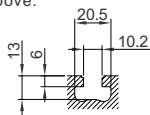
Code	Type	Material	Surface Treatment
ADN31-5010	Groove connector	SUS304	Single face brushed

- ⚠ Used for high strength connection of two 45 degree extrusion angle groove.
 ⚠ The product is suitable for extrusion with a wall thickness of 6.

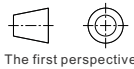
ADN31-5010-K18



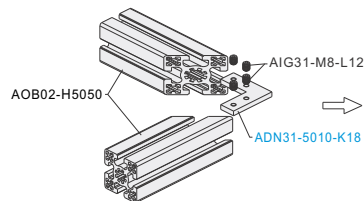
☑ Applicable groove:



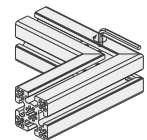
Code	Weight(g/pcs)
ADN31-5010-K18	65



Exploded drawing



Assembly drawing



Code
ADN31-5010-K18



☑ Code ADN31-5010-K18-SET-OB

Add processing project	Code	Spec.
Equipped with suitable set screw	SET-OB	When SET is specified, it is equipped with set screw to use with connector.(Example) Set screw:AIG31-M8-L12

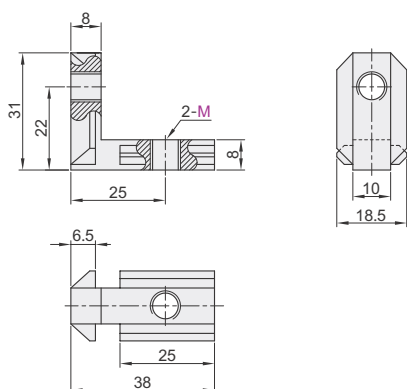
❑ Casting angle groove connector

Code	Type	Material	Surface Treatment
ADQ21-4010	Casting angle groove connector	Carbon steel	Galvanized
ADQ31-4010		SUS304	—

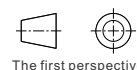
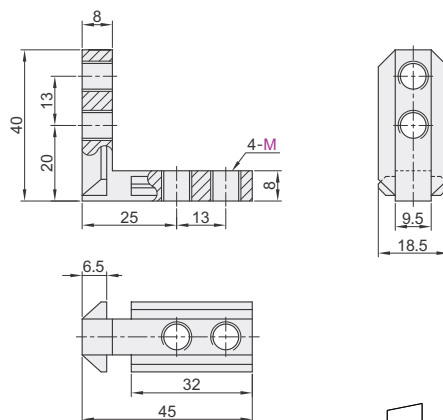
❑ Used for 90° internal connection between extrusions, which is fast and convenient.



ADQ21-4010-M8
ADQ31-4010-M8



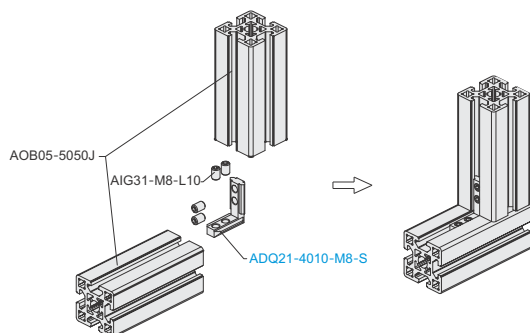
ADQ21-4010-M8-S
ADQ31-4010-M8-S



❑ Internal installation

Exploded drawing

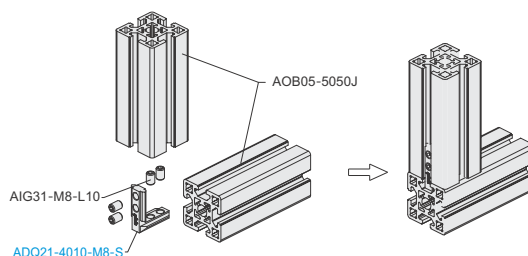
Assembly drawing



❑ External installation

Exploded drawing

Assembly drawing



Code	Weight(g/pcs)
ADQ21-4010-M8	46
ADQ31-4010-M8	47
ADQ21-4010-M8-S	75
ADQ31-4010-M8-S	



Code
ADQ21-4010-M8
ADQ31-4010-M8
ADQ21-4010-M8-S



Optional Processing

❑ Code ADQ21-4010-M8-SET-OB
ADQ31-4010-M8-SET-OB

Add processing project	Code	Spec.
Equipped with suitable set screw	SET-OB	When SET is specified, it is equipped with set screw to use with connector. (Example) Set screw: AIG31-M8-L10

Special Nut ➤ EU Standard 50/60 Series Extrusion Accessories-Fastening Part

T nut

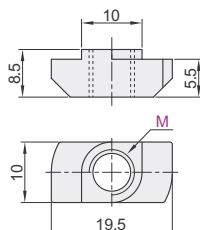
Code	Type	Material	Surface Treatment
AHC21-4010	T nut	Carbon steel	Nickel plating
AHC22-4010			Galvanized

Special post-installed nut for extrusion, convenient and quick to use.

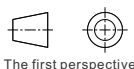
AHC21-4010-M4
AHC21-4010-M5
AHC21-4010-M6
AHC21-4010-M8

AHC22 is high quality nuts

AHC22-4010-M4
AHC22-4010-M5
AHC22-4010-M6
AHC22-4010-M8



Code	Weight(g/pcs)
AHC21-4010-M4	8.0
AHC21-4010-M5	7.8
AHC21-4010-M6	6.7
AHC21-4010-M8	5.4
AHC22-4010-M4	8.0
AHC22-4010-M5	7.8
AHC22-4010-M6	6.7
AHC22-4010-M8	5.4



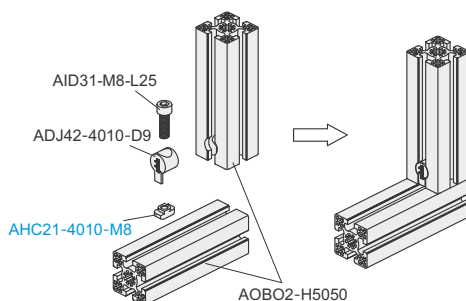
The first perspective



Example

Exploded drawing

Assembly drawing

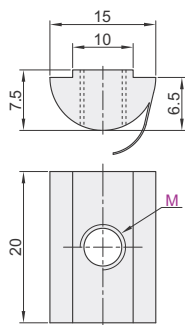


Shrapnel nut

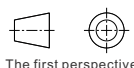
Code	Type	Material	Surface Treatment
AHL21-4010	Shrapnel nut	Carbon Steel	Nickel plating

Special post-installed nut for extrusion, which can be positioned at any point in the extrusion groove.

AHL21-4010-M4
AHL21-4010-M5
AHL21-4010-M6
AHL21-4010-M8



Code	Weight(g/pcs)
AHL21-4010-M4	12.0
AHL21-4010-M5	11.8
AHL21-4010-M6	11.5
AHL21-4010-M8	10.6



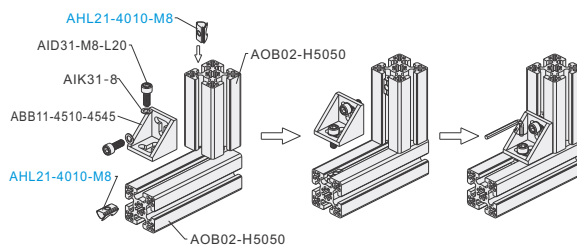
The first perspective



Example

Exploded drawing

Assembly drawing



Code
AHC21-4010-M5
AHC22-4010-M6
AHL21-4010-M6



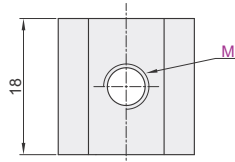
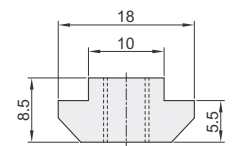
Quotation
Way

Slide nut

Code	Type	Material	Surface Treatment
AHN21-4010	Slide nut	Carbon steel	Galvanized

Special pre-installed nut for extrusion with high-strength connection.

AHN21-4010-M4
AHN21-4010-M5
AHN21-4010-M6
AHN21-4010-M8
AHN21-4010-M10



Code	Weight(g/pcs)
AHN21-4010-M4	15.7
AHN21-4010-M5	15.4
AHN21-4010-M6	14.9
AHN21-4010-M8	13.5
AHN21-4010-M10	12.1



The first perspective

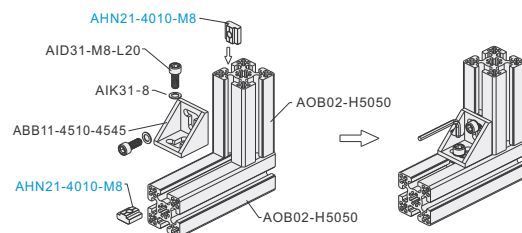


Example



Exploded drawing

Assembly drawing

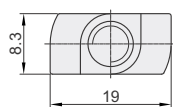
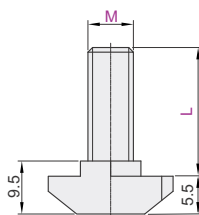


T bolt

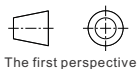
Code	Type	Material	Surface Treatment
AIC22-4010	T bolt	Carbon steel	Nickel plating

Special post-installed nut for extrusion, convenient and quick to use.

AIC22-4010-M8-L20
AIC22-4010-M8-L25
AIC22-4010-M8-L30
AIC22-4010-M8-L35
AIC22-4010-M8-L40



Code	Weight(g/pcs)
AIC22-4010-M8-L20	13.0
AIC22-4010-M8-L25	14.4
AIC22-4010-M8-L30	16.2
AIC22-4010-M8-L35	19.0
AIC22-4010-M8-L40	19.5



The first perspective

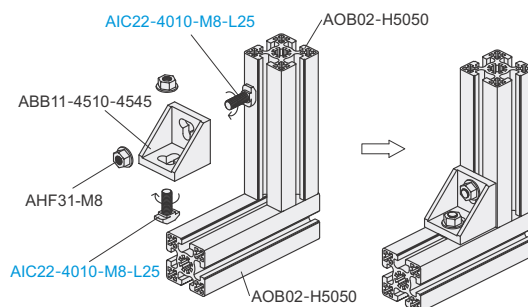


Example



Exploded drawing

Assembly drawing



Please order as shown

Code
AHN21-4010-M4
AIC22-4010-M8-L20
AIC22-4010-M8-L25

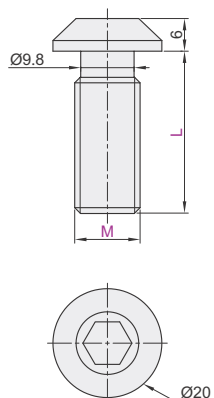


Big head bolt

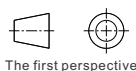
Code	Type	Material	Surface Treatment
AIL21-4510	Big head bolt	Carbon steel	Galvanized

Used for 90 degree connection of extrusion.

AIL21-4510-M14-L30



Code	Weight(g/pcs)
AIL21-4510-M14-L30	35



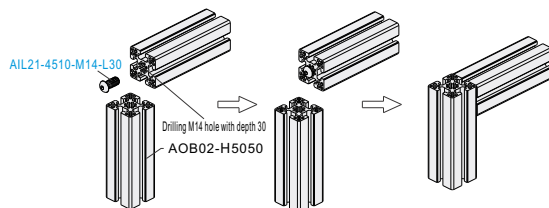
The first perspective



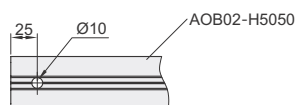
Example

Exploded drawing

Assembly drawing



Additional processing of wrench hole:



Please order as shown



Code

AIL21-4510-M14-L30

Quotation Way



EU Standard 50/60 Series Extrusion Accessories-Sealing Part

After loading panel seat/After loading panel batten

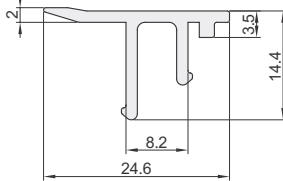
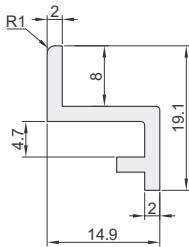
Code	Type	Material	Surface Treatment/Color
AMH01-408-A	After loading panel seat	A6063-T5	Sandblasting oxidation
AMH61-4010A	After loading panel batten	PVC	light grey (similar to RAL7035)

- ① Suitable for Y series extrusion to fix 5mm plexiglass or panel.
- ① Note: AMH01-408-A Maximum product length: 4 meters/piece.
- AMH61-4010A Maximum product length: 3 meters/piece.
- ① The unit price quoted is the price of 1 meter
- ① Sales unit: meter

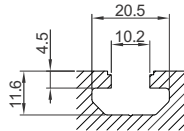


AMH01-408-A

AMH61-4010A

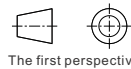


Applicable groove



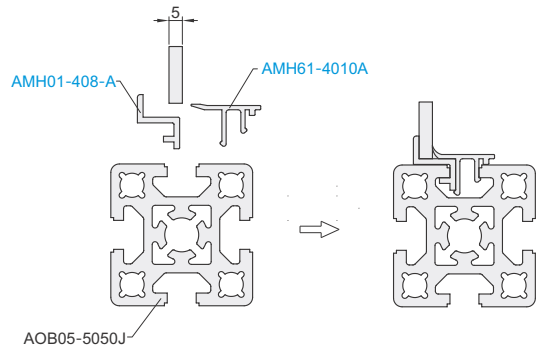
Code	Weight(g/m)
AMH01-408-A	193
AMH61-4010A	72

① Order quantity×minimum unit(1m)=actual length



Exploded drawing

Assembly drawing



Please order as shown

Code
AMH01-408-A
AMH61-4010A



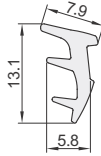
EU Standard 50/60 Series Extrusion Accessories-Sealing Part

Panel batten

Code	Type	Material	Color
AML71	Panel batten	TPV	light grey (similar to RAL7001)
AML72			Black

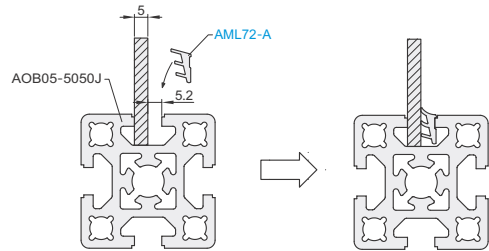
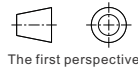
- Used to fix plexiglass or other panels, widely used in various types of extrusions.
- Sales unit: meter

AML71-A
AML72-A



Code	Weight(g/m)
AML71-A	62
AML72-A	

- Order quantity×minimum unit(1m)=actual length
- Max length :200 meter/roll

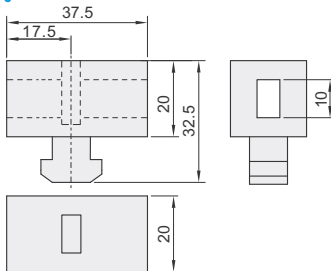


Spaced fixed block

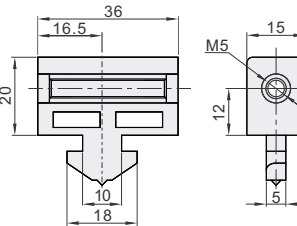
Code	Type	Material	Color
AMV51-4510	Spaced fixed block	PA	White (similar to RAL9003)
AMV53-4510		PVC	light grey (similar to RAL7038)
AMV61-4510			Transparent

- Apply to fix organic glass or other board.
- Insert the fixing block into the extrusion groove, turn it clockwise, and fix the corresponding plate with screws.
- AMV53-4510 applicable wall thickness of groove is 4, AMV51-4510 applicable wall thickness of groove is 6, AMV61-4510 applicable wall thickness of groove is 4.5.

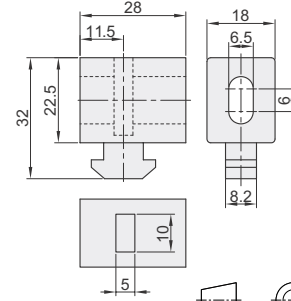
AMV51-4510



AMV53-4510



AMV61-4510

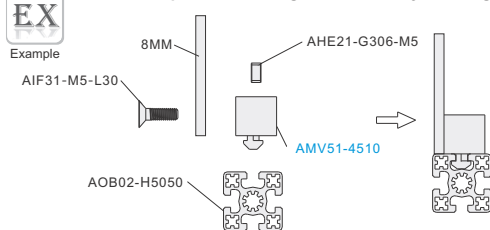


Code	Weight(g/pcs)
AMV51-4510	14.9
AMV53-4510	15.55
AMV61-4510	11.1



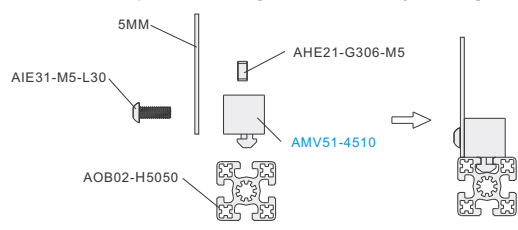
Exploded drawing

Assembly drawing



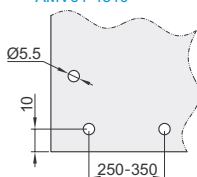
Exploded drawing

Assembly drawing

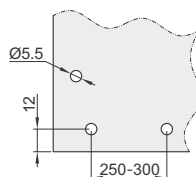


Board processing size

AMV51-4510
AMV61-4510



AMV53-4510



Optional
Processing

Code AMV51-4510-SET-A AMV51-4510-SET-B

Add processing project	Code	Spec.
Equipped with suitable bolt and nut	SET-A	When SET is specified, it is equipped with bolts, nuts to use with spaced fixed block.(Example) Hexagon socket countersunk head screws:AIF31-M5-L30 Square nut:AHE21-G306-M5
	SET-B	When SET is specified, it is equipped with bolts, nuts to use with spaced fixed block.(Example) Hexagon socket countersunk head screws:AIF31-M5-L30 Square nut:AHE21-G306-M5



Please order
as shown

Code
AML71-A
AML72-A
AMV51-4510

Quotation
Way



EU Standard 50/60 Series Extrusion Accessories-Sealing Part

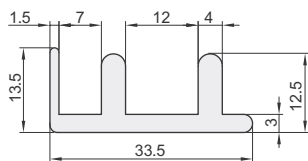
Door chute

Code	Type	Material	Surface Treatment
AMS01	Door chute	A6063-T5	Sandblast anodizing

Sliding door used to make the 1530 sliding rail .

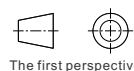
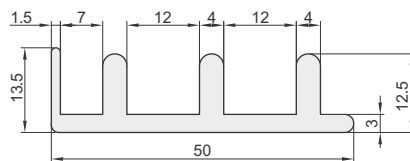
Sales Unit: Meter (max 4 meters)

AMS01-E



Code	Weight(g/m)
AMS01-E	525
AMS01-W	720

AMS01-W



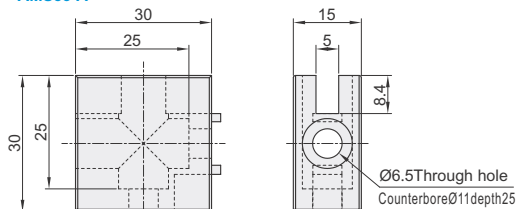
The first perspective

Door chute fixed block

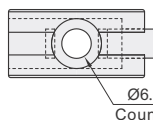
Code	Type	Material	Color
AMS51	Door chute fixed block	PA	White (similar to RAL9003)
AMS53			light grey (similar to RAL7040)

Used for the connection of 1530 extrusion door frame and plays the role of sliding door.

AMS51-A AMS53-A

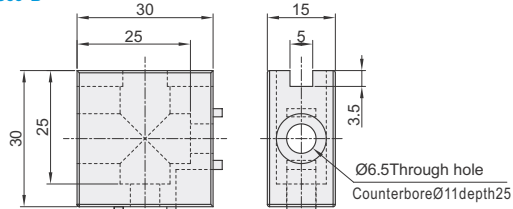


Used to connect the upper extrusion of the door frame.
See next page for usage example.

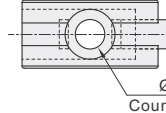


Code	Weight(g/pcs)
AMS51-A	11
AMS53-A	

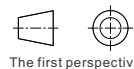
AMS51-B AMS53-B



Used to connect the lower extrusion of the door frame.
See next page for usage example.



Code	Weight(g/pcs)
AMS51-B	12
AMS53-B	



The first perspective

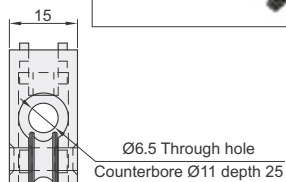
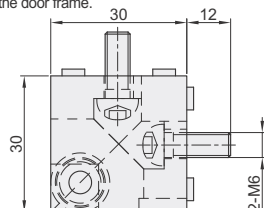
Slide fixed block

Code	Type	Material	Surface Treatment
AMS07	Slide fixed block	Aluminum alloy	Oil injection

Used for the connection of 1530 extrusion door frame, plays the role of sliding door, using together with AMS53-A.

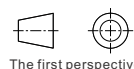
Used to connect the lower extrusion of the door frame.

AMS07-B



Code	Weight (g/pcs)
AMS07-B	25

Ø6.5 Through hole
Counterbore Ø11 depth 25



The first perspective



Code
AMS01-E
AMS51-A
AMS07-B

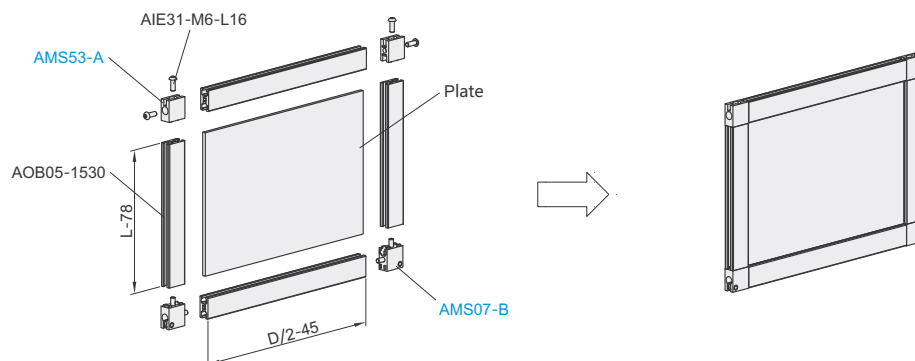




Example

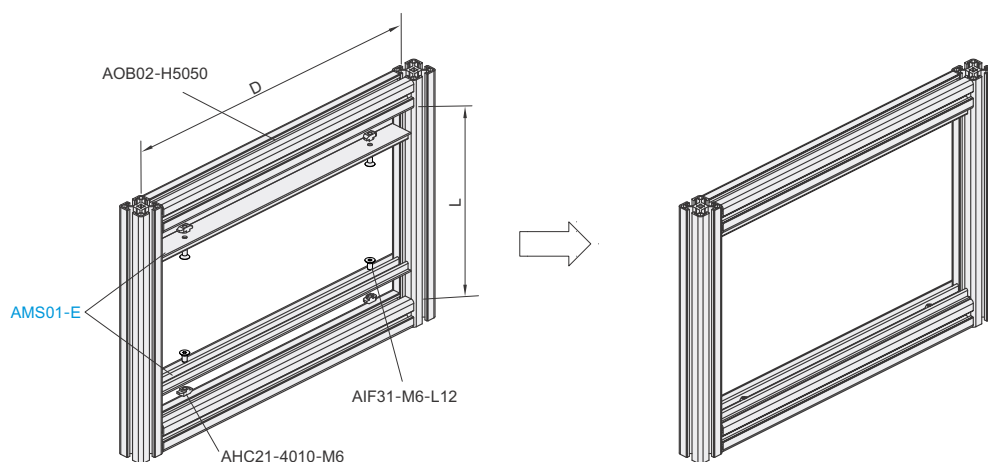
①Door Frame Installation:

The doors and windows are respectively connected by the door chute [AMS53-A](#)(top) and the door chute fixed block [AMS07-B](#)(bottom), and 1530 extrusions are connected by bolts.



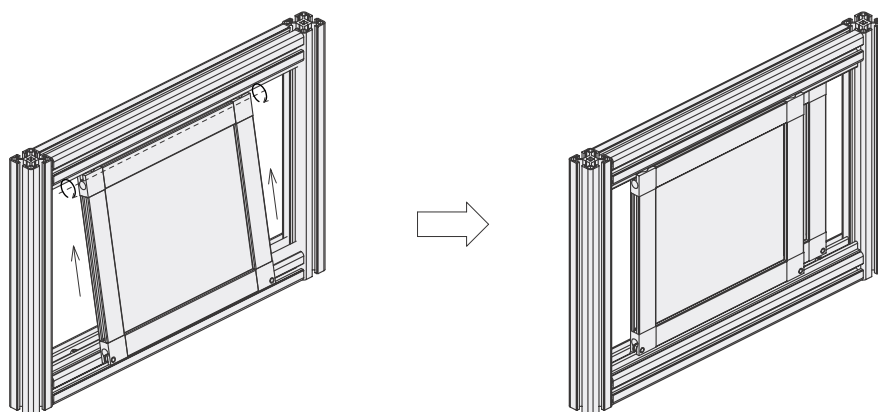
②Door Chute Installation:

Fix the door chute [AMS01-E](#) on the rack with T shape-nut [AHC21-4010-M6](#) and hexagon socket countersunk screw [AIF31-M6-L12](#).



③Build-in Door Frame:

Finally, install the ready door frame into the door chute, and the sliding the door to finish assembling.



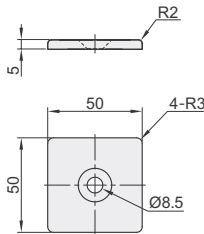
Aluminum alloy end cap

Code	Type	Material	Surface Treatment
ARC01-5010	Aluminum alloy end cap	A6063-T5	Sandblast anodizing

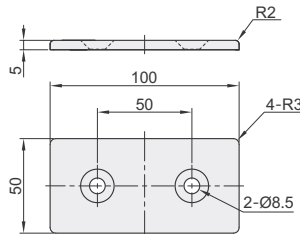
Used in section part of extrusion, it is dustproof ,beautiful with firm connection.



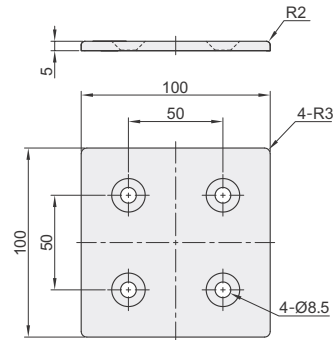
ARC01-5010-5050



ARC01-5010-50100

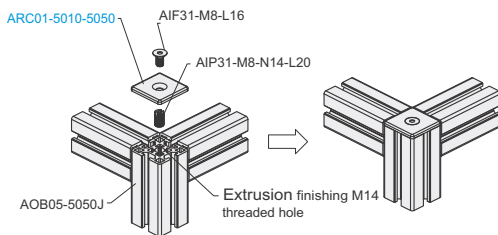


ARC01-5010-100100



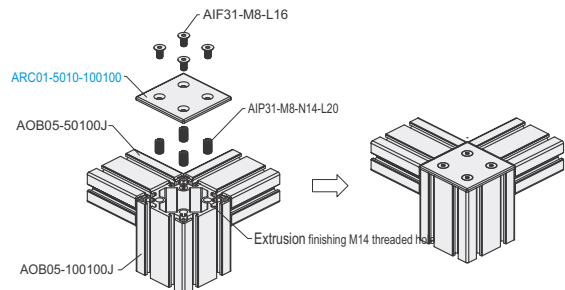
Exploded Drawing

Assembling Drawing



Exploded Drawing

Assembling Drawing



Part number Code	Weight (g/pcs)	Applicable Extrusion		Remark
		AOB02	AOB05	
ARC01-5010-5050	31.8	H5050	5050, 5050YA, 5050J, 5050A	Use with AIP31-M8-N14
ARC01-5010-50100	63.9	H50100	50100J	
ARC01-5010-100100	123.3	H100100	100100J	



Please order as shown



Code
ARC01-5010-5050
ARC01-5010-50100

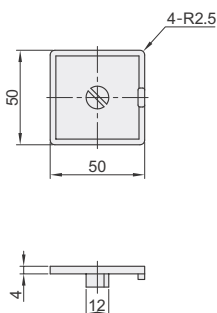


Eu standard 50 series end cap

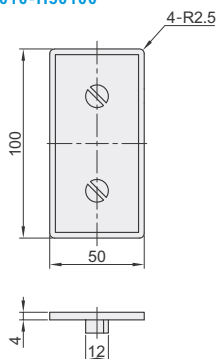
Code	Type	Material	Color
ARC51-5010	End cap	PA	light grey(similar to RAL7038)
ARC52-5010			Black

Used in section part of extrusion, it is dustproof ,beautiful with firm connection.

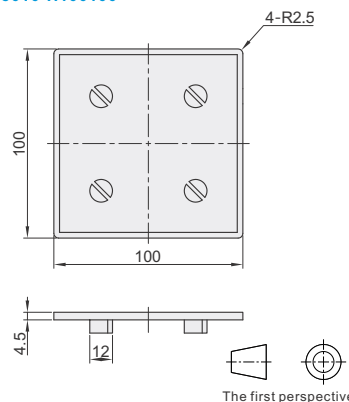
ARC51-5010-H5050
ARC52-5010-H5050



ARC51-5010-H50100
ARC52-5010-H50100



ARC51-5010-H100100
ARC52-5010-H100100



Part number Code	Weight (g/pcs)	Applicable Extrusion	
		AOB02	AOB05
ARC51-5010-H5050	9	H5050	5050、5050YA、5050J、5050A
ARC52-5010-H5050			
ARC51-5010-H50100	20	H50100	50100J
ARC52-5010-H50100			
ARC51-5010-H100100	40	H100100	100100J
ARC52-5010-H100100			



Code
ARC51-5010-H5050
ARC52-5010-H5050
ARC51-5010-H50100

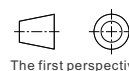
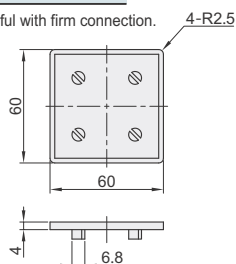


Eu standard 60 series end cap

Code	Type	Material	Color
ARC51-308	End cap	PA	light grey(similar to RAL7038)
ARC52-308			Black

Used in section part of extrusion, it is dustproof ,beautiful with firm connection.

ARC51-308-6060
ARC52-308-6060

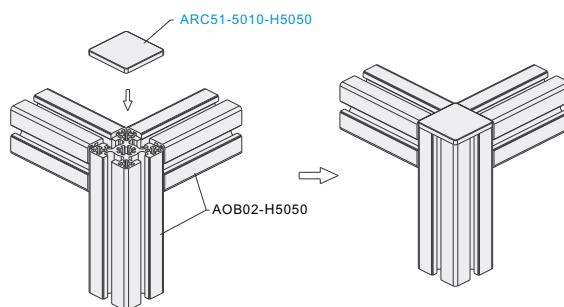


Part number Code	Weight (g/pcs)	Applicable Extrusion	
		AOB02	AOB05
ARC51-308-6060	17	H6060YF	6060J
ARC52-308-6060		H6060F	



Exploded Drawing

Assembling Drawing



Code
ARC51-308-6060
ARC52-308-6060

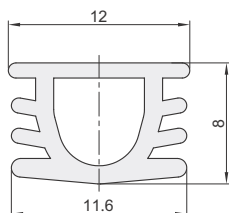


Sealing strip

Code	Type	Material	Color
ARG51-4010	Sealing strip	PVC	light grey(similar to RAL7047)
ARG52-4010			Black

ARG51-4010
ARG52-4010

- ❗ Used for the decoration of extrusion grooves, dustproof and beautiful.
- ❗ Can be customize other colors ,MOQ 1000 meters.
- ❗ Sales Unit: Meter



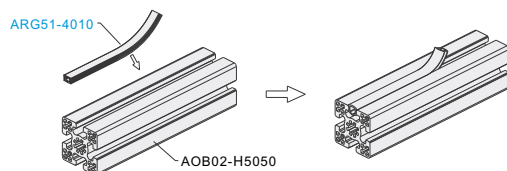
Code	Minimum unit	Weight(g/m)
ARG51-4010	1m	59
ARG52-4010		

- ❗ Order quantity × minimum unit(1m)=actual length meters
- ❗ Maximum length of the product: 100 meters/roll



Exploded Drawing

Assembling Drawing

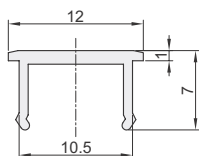


Soft flat seal groove strip

Code	Type	Material	Color
ARK51-4010	Soft flat seal groove strip	PE	light grey(similar to RAL7047)
ARK52-4010			Black

- ❗ Used for the decoration of extrusion grooves, dustproof and beautiful.
- ❗ Can be customize other colors ,MOQ 1000 meters.
- ❗ Sales Unit: Meter

ARK51-4010
ARK52-4010



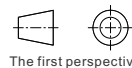
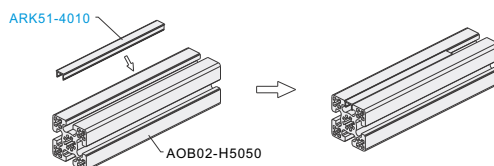
Code	Weight(g/m)
ARK51-4010	34
ARK52-4010	

- ❗ Order quantity × Minimum unit (1m) =Actual Length meters
- ❗ Maximum length of the product: 100 Meters/Roll
- ❗ The unit price quoted is 1 meter price



Exploded Drawing

Assembling Drawing



Code
ARK51-4010
ARK52-4010

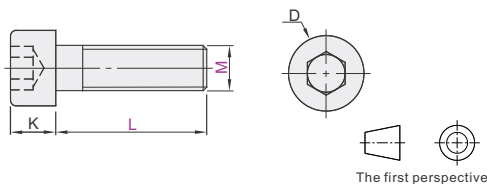


Hexagon socket head screw

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



AID31



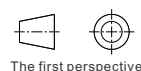
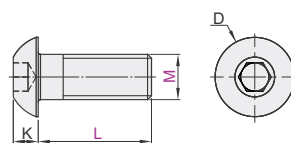
Part number		L	D	K	Weight(g/pcs)
Code	M				
AID31	4	6	7	4	1.35
		8			1.49
		10			1.66
		12			1.76
		16			2.08
		20			2.40
	5	25	8.5	5	3.00
		8			2.36
		10			2.82
		12			2.94
		16			3.47
		20			5.00
	6	25	10	6	5.52
		12			4.72
		16			5.41
		20			6.09
		30			7.01
		35			7.82
	8	40	13	8	9.65
		12			10.30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



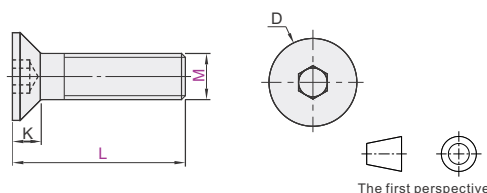
Part number		L	D	K	Weight(g/pcs)
Code	M				
AIE31	4	10	7.6	2.2	1.20
		12			1.28
		20			1.98
		25			2.40
	5	10	9.5	2.75	1.99
		12			2.17
		16			2.48
		20			3.02
		25			3.72
		10			3.21
		12			3.14
		16			4.16
	6	20	10.5	3.3	4.53
		25			4.91
		30			5.36
		35			6.01
		40			6.72
		16			8.11
		18			8.56
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



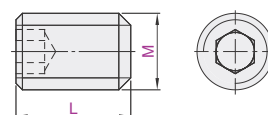
Part number		L	D	K	Weight(g/pcs)
Code	M				
AIF31	4	6	8	2.3	0.77
		8			0.91
		10			1.04
		12			1.21
		20			1.69
		25			2.00
	5	10	10	2.8	1.62
		12			2.02
		25			5.50
		10			2.64
		12			3.01
		16			3.39
	6	20	12	3.3	4.37
		25			5.11
		30			6.22
		35			7.32
		40			7.43
		16			6.78
	8	20	16	4.4	8.12
		25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

Set screw

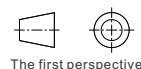
Code	AIG31
Type	Set screw
Material	SUS304
Surface Treatment	—



AIG31



Part number		L	Weight(g/pcs)
Code	M		
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



Please order as shown

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



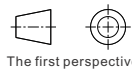
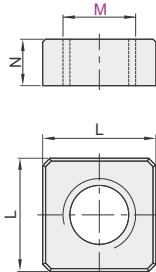
Nut ▶ Extrusion General Accessories-Fastening Part

☐ 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

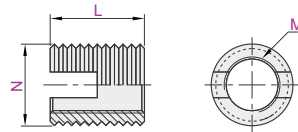
Part number		M	L	N	Weight (g/pcs)
Code	No.				
AHE21	G306	4	10	5	3.2
		5			3
		6			2.5
	G408	4	13.9	5.5	6.9
		5			6.8
		6			6.4
AHE31	G306	6	10	5	3.1
	G408	8	13.9	5.5	6.4

☐ Threaded sleeve

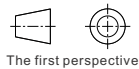
Code	AIP31
Type	Threaded sleeve
Material	Carbon steel
Surface Treatment	Galvanized



AIP31



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



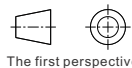
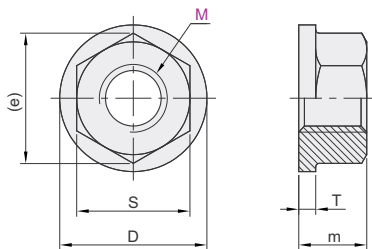
The first perspective

☐ Flange nut

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



AHF21
AHF31



The first perspective

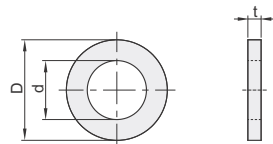
Part number		D	S	(e)	m	T(min)	Weight (g/pcs)
Code	M						
AHF21 AHF31	4	9.4	7	7.82	4.6	1	1.2
	5	11.8	8	8.79	5	1	2
	6	14.2	10	11.05	6	1.1	1.8
	8	17.9	13	14.38	8	1.2	5.3

☐ Flat washer/Spring washer

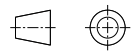
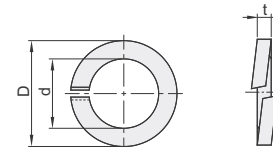
Code	AIK31	AIH21
Type	Flat washer	Spring washer
Material	SUS304	SUS304
Surface Treatment	—	—



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



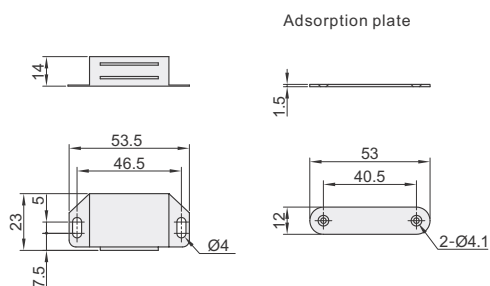
Door stopper

Code	Type	Material	Surface Treatment
AKB31	Door stopper	Stainless steel	—

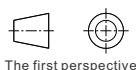
Used for locating and adsorption of doors, installed on the both inner side of aluminum extrusion doors, the locating plate is selected for use according to the extrusion dimension.

AKB31

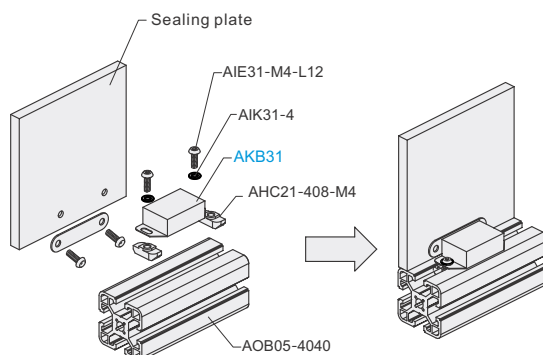
(With adsorption plate)



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



Example



Magnetic buckle/Pin locating plate

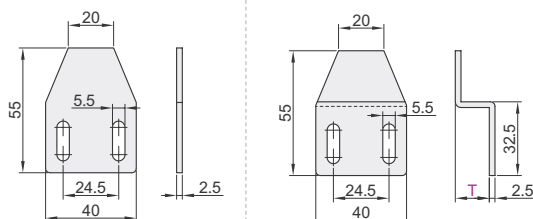
Code	Type	Material	Surface Treatment
AKF23	Magnetic buckle/Pin locating plate	Carbon steel	Chrome

Install on the outer frame of aluminum extrusion door, and used with magnetic buckle and pin.

Thickness of T20/T35 is 2.

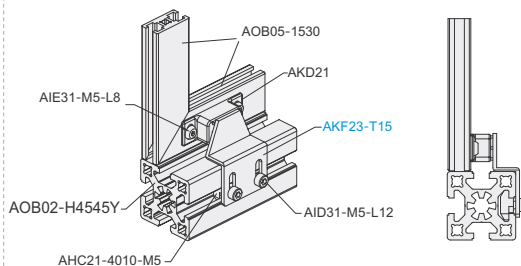
AKF23-T0

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

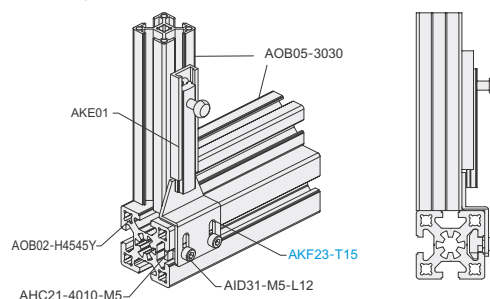


Example

Magnetic buckle example



Pin example



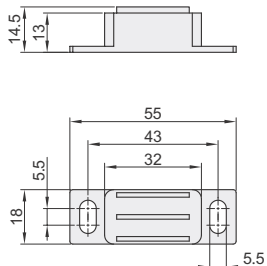
Part number	Applicable range	Weight(g/pcs)
Code	T	
AKF23	0	Used when the width difference is 15mm between door outer frame and inner door profile For magnetic buckle 33.3
	5	Used when the width difference is 10/20mm between door outer frame and inner door profile For magnetic buckle 26.8
	10	Used when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

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	



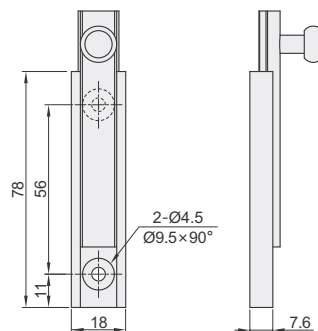
The first perspective

Pin

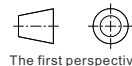
Code	Type	Material	Surface Treatment
AKE01	Pin	A6063-T5	Sandblast oxidation

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

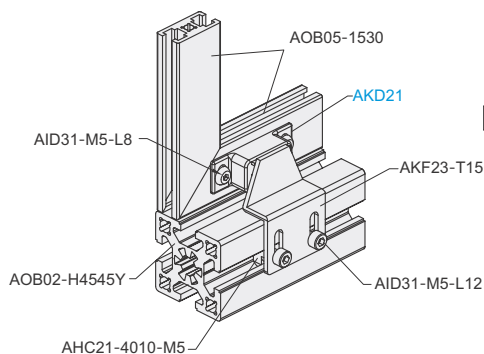


The first perspective

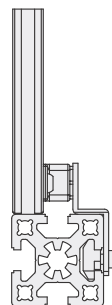


Example

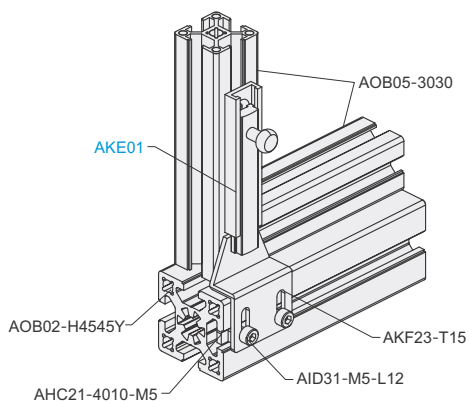
Assembly drawing



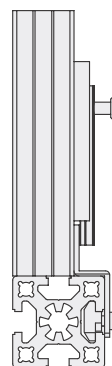
Exploded drawing



Assembly drawing



Exploded drawing



Please order as shown

Code
AKD21-A
AKD21-B
AKE01

Quotation
Way



Door stop

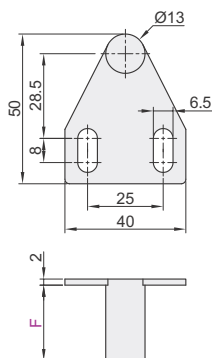
Code	Type	Material	Surface Treatment
AKC22	Door stop	Carbon steel	Nickel plating

Used for closing and positioning of doors and windows.

AKC22-1530-F15

AKC22-1540-F25

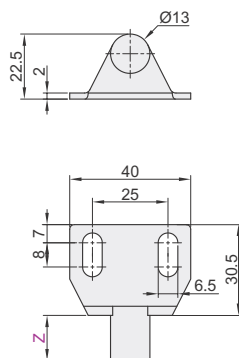
With powerful magnets



AKC22-1530-Z15

AKC22-1540-Z25

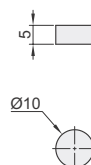
With powerful magnets



AKC22-1530/1540-01

Powerful magnet

Attraction: 10N



AKC22-JIAOTAO

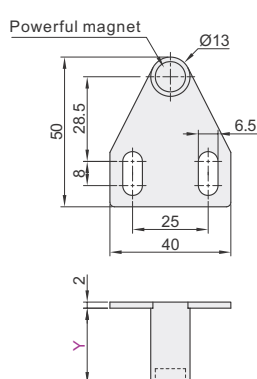
Door stop rubber sleeve



AKC22-1530-YF15

AKC22-1540-YF25

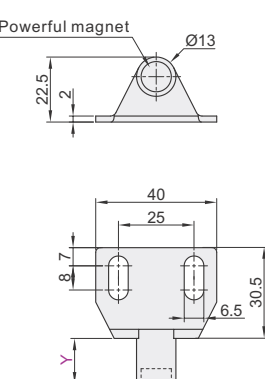
Powerful magnet



AKC22-1530-YZ15

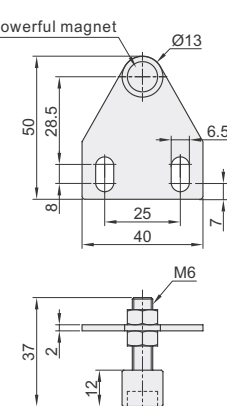
AKC22-1540-YZ25

Powerful magnet



AKC22-T

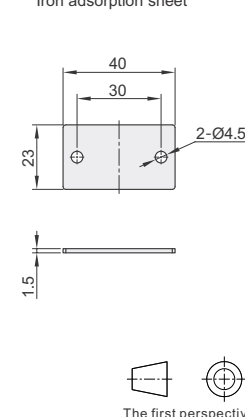
Powerful magnet



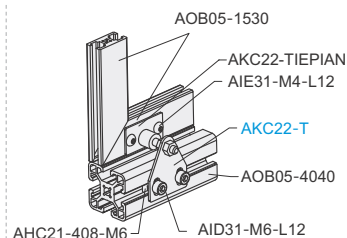
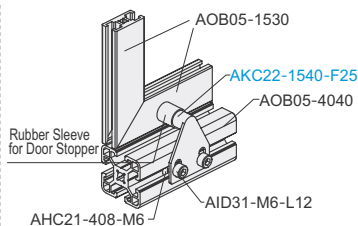
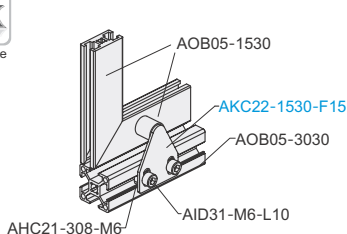
Accessories

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

Quotation Way

Way

Way

Way

Way

Way

Way

Way

Way

Way

Way

Code

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

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	Nickel Plating

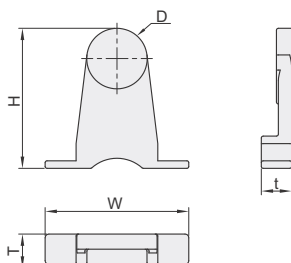
① Used for closing and positioning of doors and windows.

① The door stop can be directly placed in the extrusion groove and fixed with T nuts, which is convenient to install and save place.

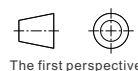
① It is necessary to use with powerful magnet.

AKC22-3040

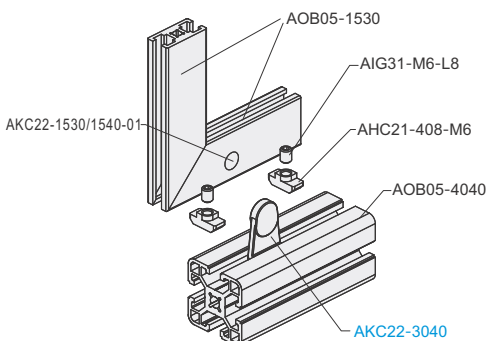
AKC22-G306



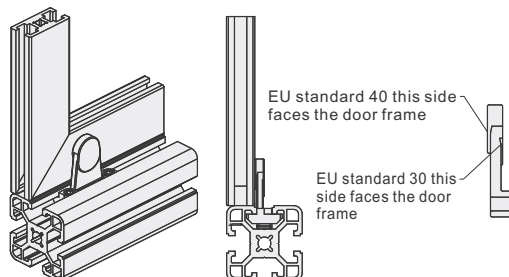
Part number		H	D	T	t	W	Applicable extrusion	Weight (g/pcs)
Code	No.							
AKC22	3040	37	16	9	8	38	EU standard 308, EU standard 408	30
	G306	37	16	6.8	5.8	38	National standard G306	26



Assembly drawing



Exploded drawing



☐ 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



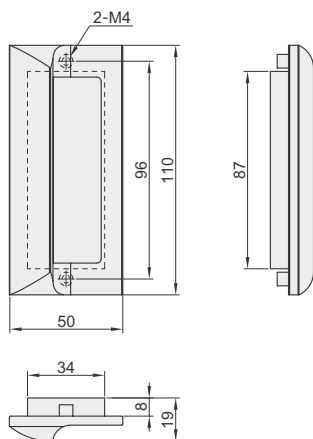
Code
AKC22-3040
AKC22-G306



Enbedded aluminum clasp

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

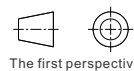
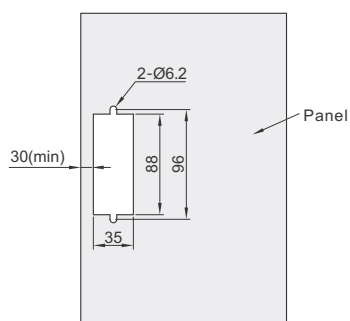
AKJ13



Code	Weight(g/pcs)
AKJ13	55



Door opening hole dimension



The first perspective



Please order as shown



Code
AKJ13

Quotation
Way

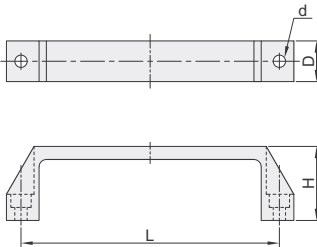


☑ Square handle

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

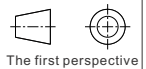


AKK52
AKL17



Part number		L	d	D	H	Weight(g/pcs)
Code	No.					
AKK52(Nylon)	90	88	6.5	20.5	38	33
	120	118	8.5	25.5	40	47
	180	178		28	51	72

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

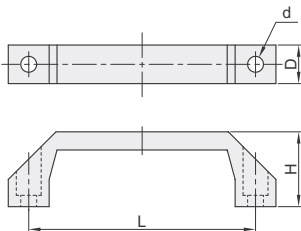


The first perspective

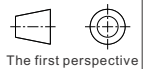
☑ Square handle

Code	Type	Material	Surface Treatment
AKL14	Square handle	ADC12	Oil Injection

AKL14-100



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

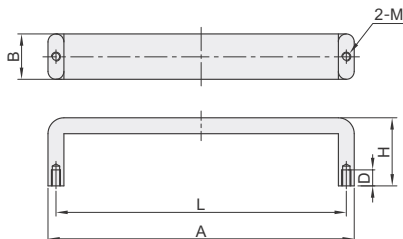


The first perspective

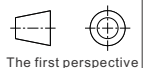
☑ Oval handle

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

AKM01



Part number		L	A	B	H	D	M	Weight (g/pcs)
Code	No.							
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

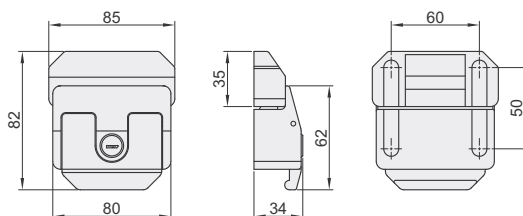


□ Square lock

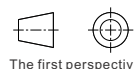
Code	Type	Material	Surface Treatment
AKH46-A	Square lock	Zinc alloy	Sliver Gray Spray
AKH47-A			Black Paint

❗ With four M8 square nuts.

AKH46-A
AKH47-A

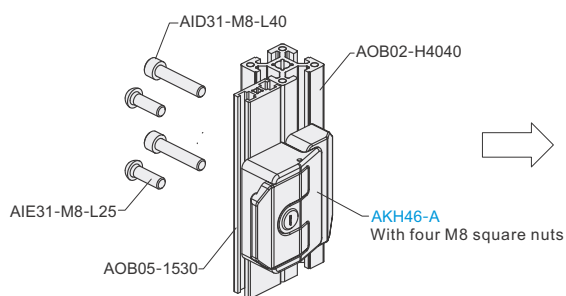


Code	Weight(g/pcs)
AKH46-A	700
AKH47-A	

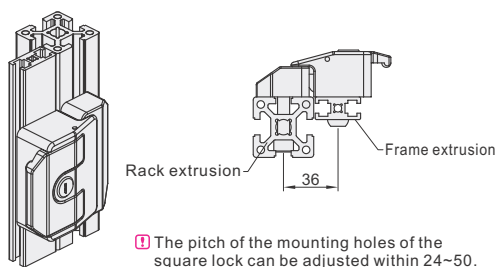


Example

Exploded drawing



Assembly drawing



Please order as shown

Code
AKH46-A
AKH47-A

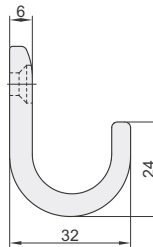
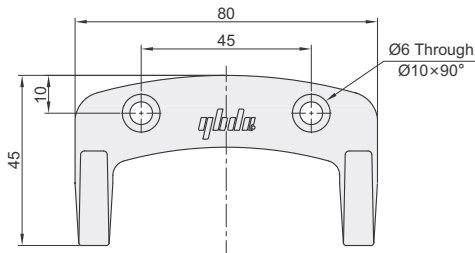


Stainless steel hook

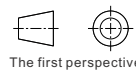
Code	Type	Material	Surface Treatment
AKR31	Stainless steel hook	Stainless steel	Polishing

Used to hang objects in extrusion frames or other places.

AKR31-H-80



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



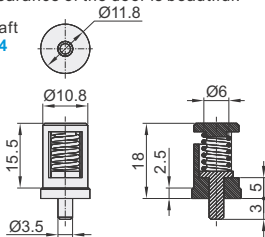
The first perspective

Hidden door shaft

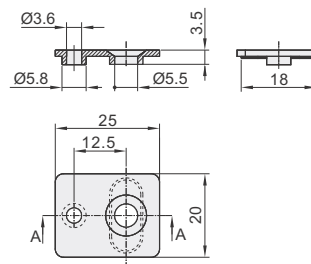
Code	Type	Material	Surface Treatment
AKS52	Hidden door shaft	PA	—
AKS32	Rotating seat	Stainless steel	—

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.

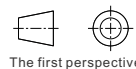
Hidden door shaft
AKS52-1530-04



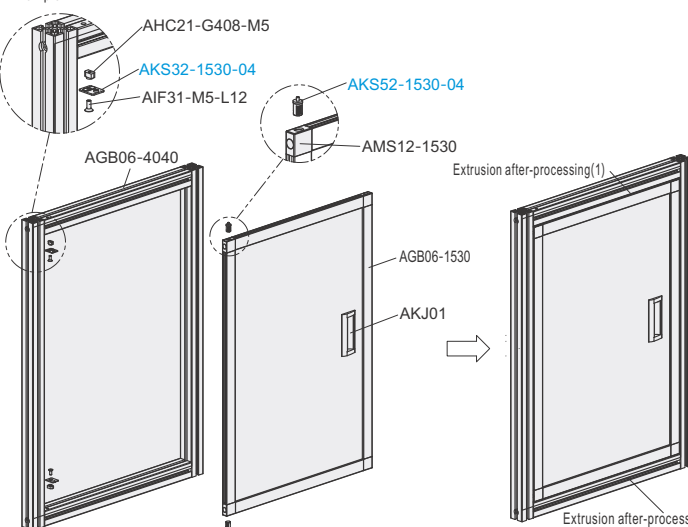
Rotating seat
AKS32-1530-04



Code	Weight(g/pcs)
AKS52	3
AKS32	5.8

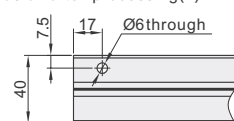


The first perspective

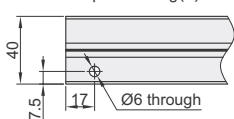


Extrusion after-processing (processing side facing the door bolt)

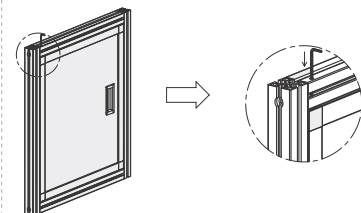
Extrusion after-processing(1)



Extrusion after-processing(2)



Disassembly method



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.

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.



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



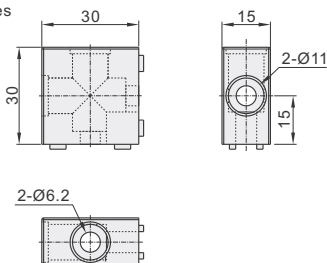
1530 Connector

Code	Type	Material	Surface Treatment
AMS12	1530 Connector	ADC12	Oil Injection

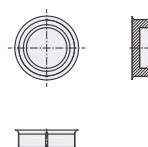
Used for 1530 extrusion 90 degree connection.

AMS12-1530

With accessories



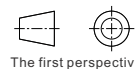
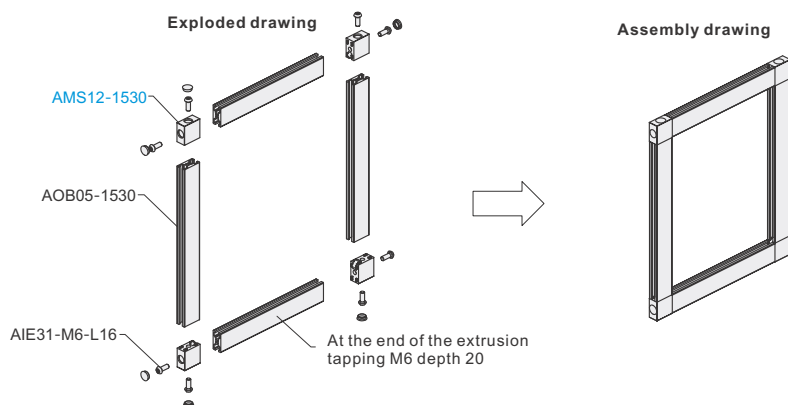
Accessories



Code	Weight(g/pcs)
AMS12-1530	23.39



Example



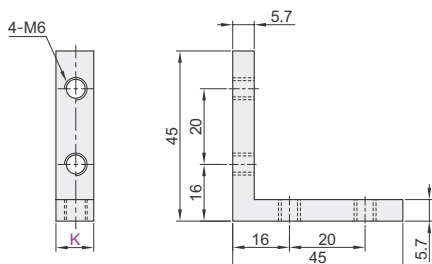
The first perspective

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.

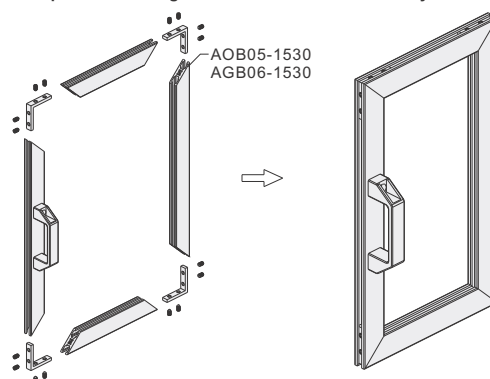
ADM01-G306-K10



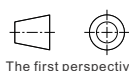
Example

Exploded drawing

Assembly drawing



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



The first perspective

Extrusion General Accessories-Folding Door Series

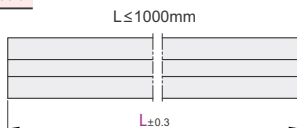
Aluminum extrusions for folding door

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

■ L length tolerance

① The fracture section haven't do oxidation.

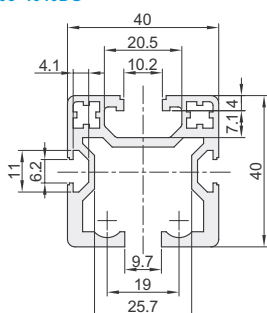
① Maximum length of use: 4000mm.



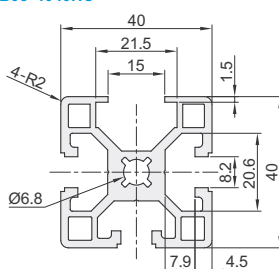
(When L > 1000mm, length dimension tolerance is ±0.5)



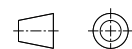
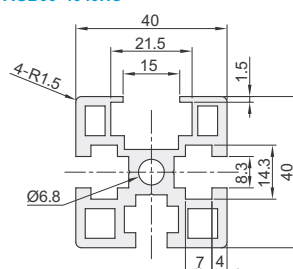
AOB05-4040DG



AOB05-4040HC



AGB06-4040HC



The first perspective

Part number		L 0.5mm Int.	Section Dimension	Weight (Kg/m)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					tx	ty	Wxmax(mm ³)	Wymax(mm ³)
AOB05	4040DG	50~4000	40×40	1.37	503.54	9.02×10 ⁴	10.67×10 ⁴	4391.35	5336.41
	4040HC			1.53	559.12	7.98×10 ⁴	9.03×10 ⁴	3759.20	4516.36
AGB06	4040HC			1.68	616.04	8.92×10 ⁴	10.35×10 ⁴	4149.00	5173.96

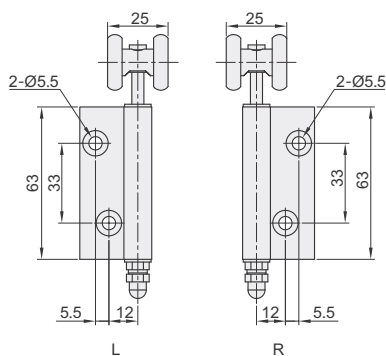
Hanging wheel hinge

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		

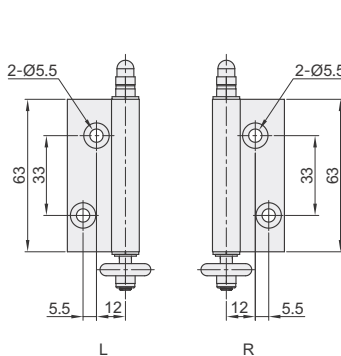
① Used for folding door and sliding door sliding in the hanging rail.



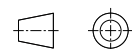
AKQ01-G-D-2463L AKQ01-G-D-2463R



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



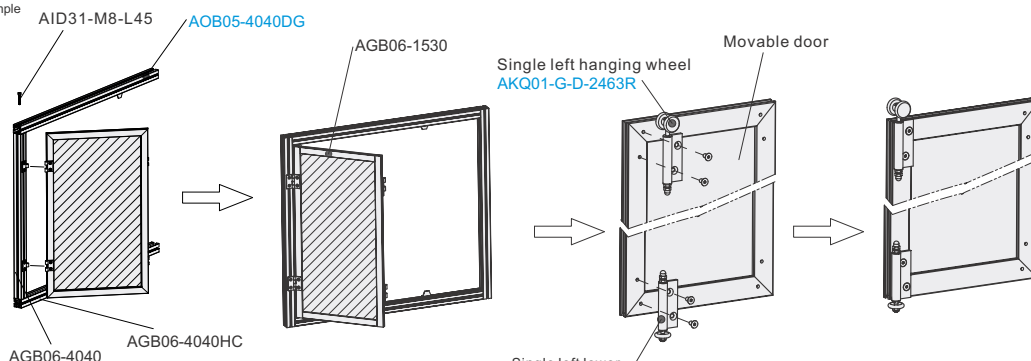
Code
AKQ01-G-D-2463R
AKQ01-G-X-2463R



Extrusion General Accessories- Folding Door Series

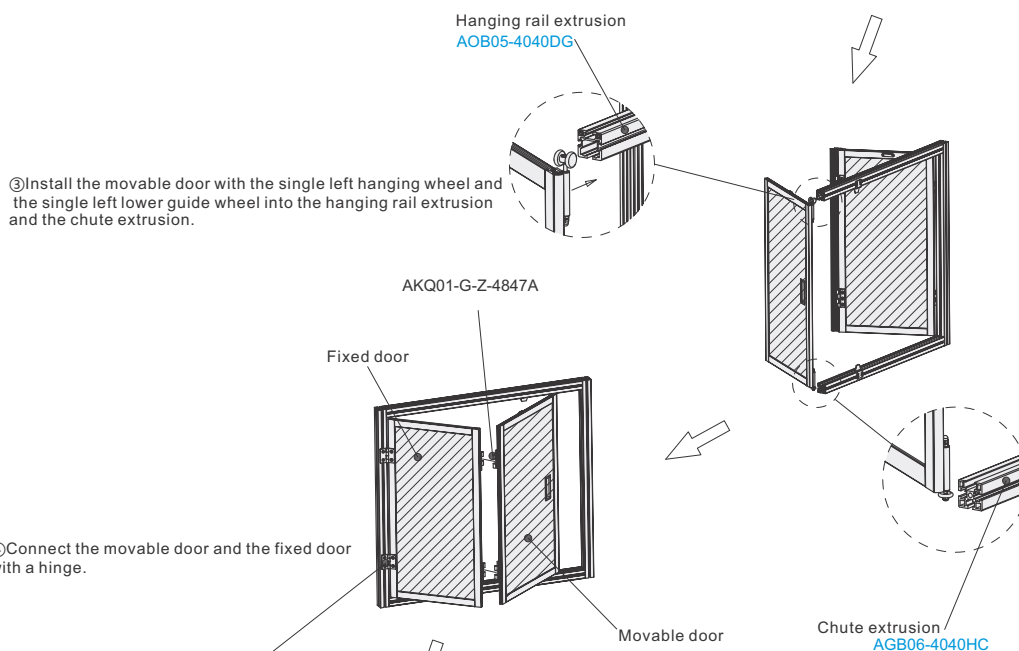


Installation method of folding door



① Install 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.

② Install 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.



③ Install the movable door with the single left hanging wheel and the single left lower guide wheel into the hanging rail extrusion and the chute extrusion.

④ Connect the movable door and the fixed door with a hinge.

⑤ Paste the anti-pinch tape to the junction of the movable door and the fixed door to prevent fingers from being pinched when the door is closing.

Anti pinch tape
AMR61

Use 10×3 aluminum strips (ATY05-Y-A10-B3-LXX) to perforated anti-pinch tape to fix on the extrusion door frame

⑥ Install the pin locating plate behind the door frame, the installation of the folding is complete.

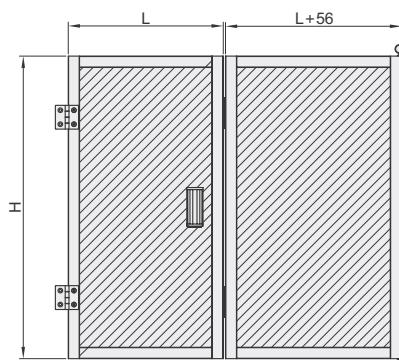
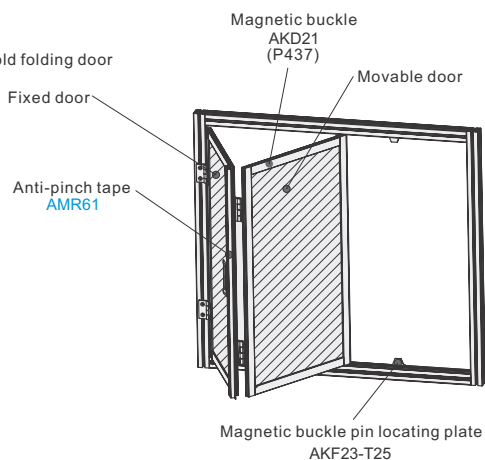
Extrusion General Accessories- Folding Door Series

EX

Example

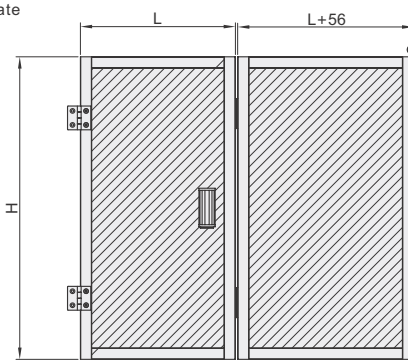
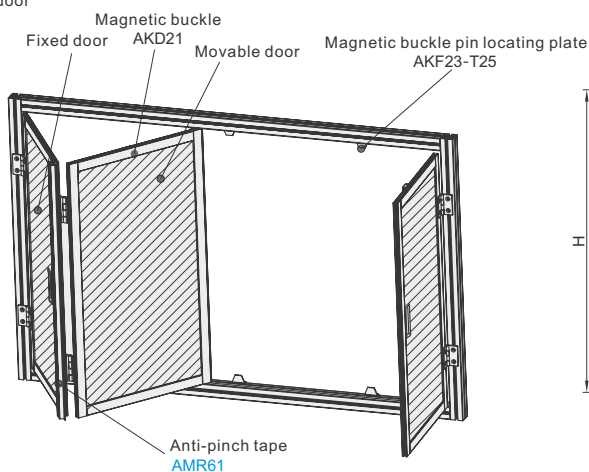
Usage example of folding door

Two-fold folding door



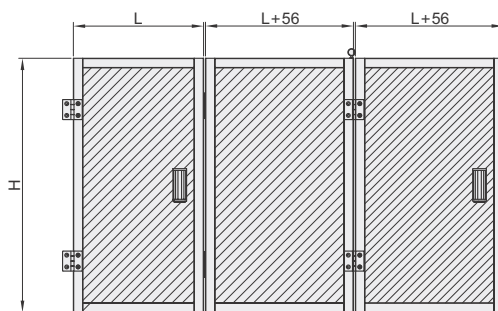
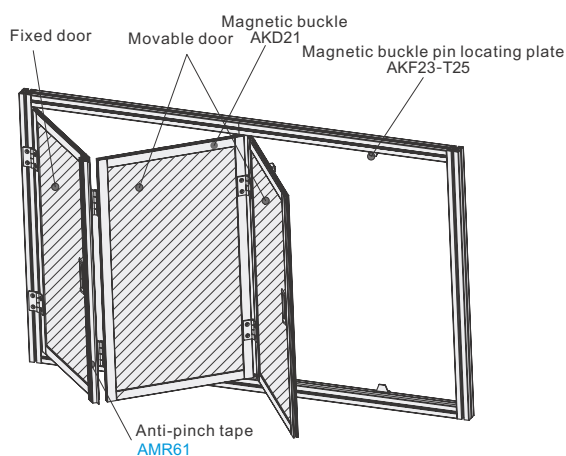
Opening dimension of the door frame

2+1 folding door



Opening dimension of the door frame

Three-fold folding door



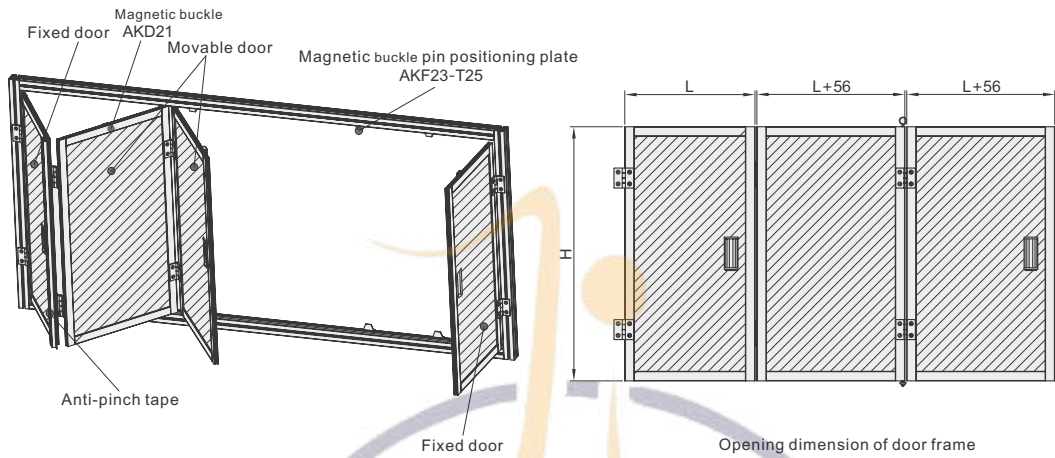
Opening dimension of the door frame

Extrusion General Accessories- Folding Door Series

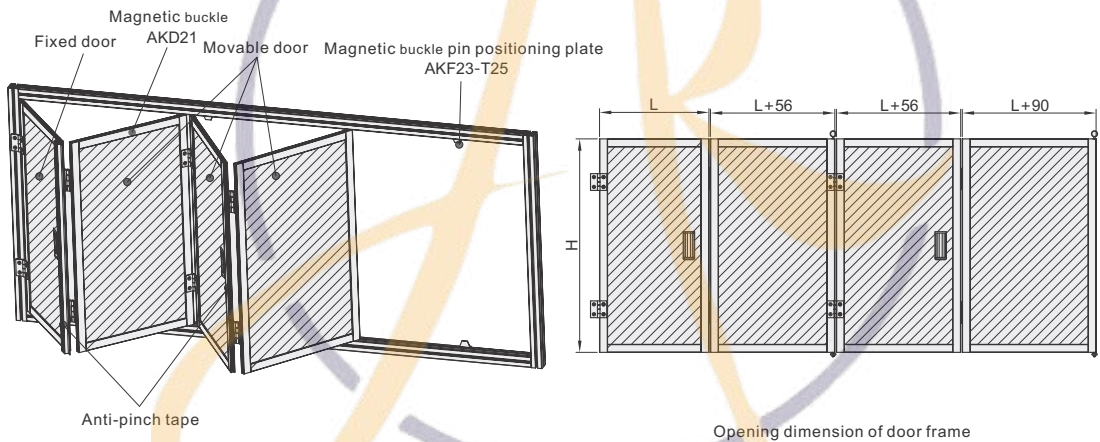


Usage example of folding door

3+1 folding door



Four-fold folding door

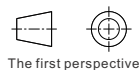
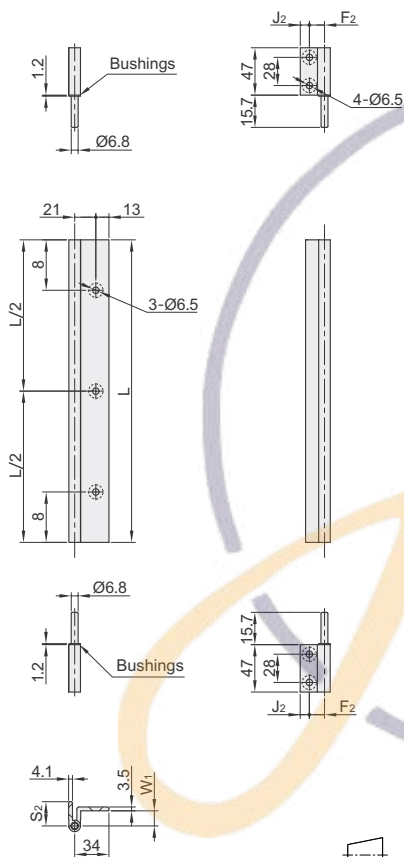


Hidden aluminum alloy hinge

Code	AKQ01-G-Y	AKQ03-G-Y
Type	Hidden hinge	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

Used in occasions where the hinge mounting hole cannot be seen from the exterior surface.

AKQ01-G-Y-1530-30	AKQ03-G-Y-1530-30
AKQ01-G-Y-3030-30	AKQ03-G-Y-3030-30
AKQ01-G-Y-1530-40	AKQ03-G-Y-1530-40
AKQ01-G-Y-3030-40	AKQ03-G-Y-3030-40
AKQ01-G-Y-1530-45	AKQ03-G-Y-1530-45
AKQ01-G-Y-3030-45	AKQ03-G-Y-3030-45
AKQ01-G-Y-1530-50	AKQ03-G-Y-1530-50
AKQ01-G-Y-3030-50	AKQ03-G-Y-3030-50
AKQ01-G-Y-1530-60	AKQ03-G-Y-1530-60
AKQ01-G-Y-3030-60	AKQ03-G-Y-3030-60

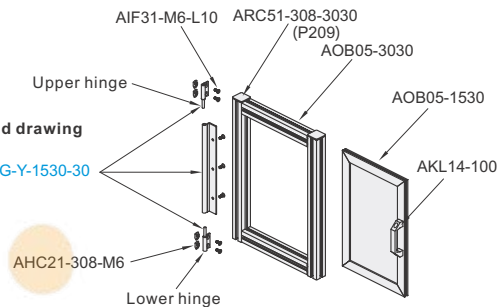


Part number		L	W ₁	J ₂	F ₂	S ₂	Load (N)
Code	No.						
AKQ01-G-Y AKQ03-G-Y	1530-30	100~1000	15	9	15	24	220
	3030-30		30				
	1530-40		15	11	20	31	
	3030-40		30				
	1530-45		15	16.5	22.5	39	
	3030-45		30				
	1530-50		15	14	25	39	
	3030-50		30				
	1530-60		15	9	30	39	
	3030-60		30				



Exploded drawing

AKQ01-G-Y-1530-30



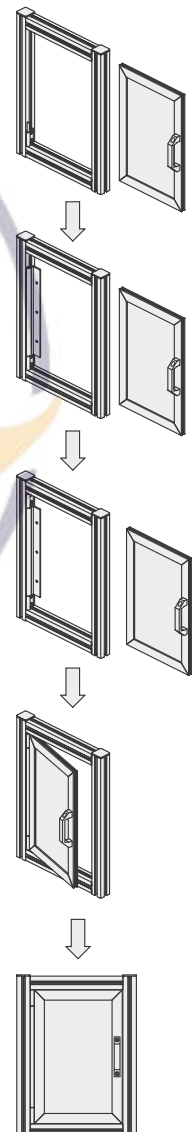
Assembling Sequence:

1. The lower hinge is installed on the extrusion at the lower left end of the door frame with hexagon socket countersunk head screw AIF31-M6-L10 and the T nut AHC21-308-M6.

2. The shaft hole of the hinge with the middle length L is assembled to the shaft of the lower hinge.

3. The shaft of the upper hinge is assembled into the shaft hole of the lower hinge, then the bottom hinge is installed on the extrusion at the upper left side of the door frame with hexagon socket countersunk head screw AIF31-M6-L10 and the T nut AHC21-308-M6.

4. Install and fix the window with hexagon socket screw AIF31-M6-L10 on the hinge with an middle length of L.



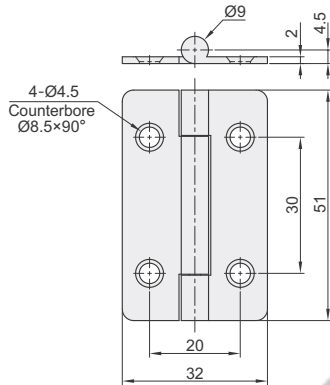
Part number		L
Code	No.	
AKQ01-G-Y	1530-30	100~1000
AKQ03-G-Y	3030-30	
AKQ01-G-Y-1530-30-L800		



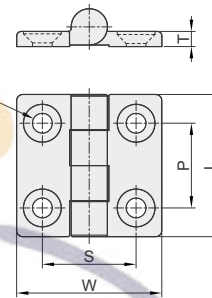
Fixed stainless steel hinge

Code	AKQ31-G-Z-2020	AKQ31-G-Z
Type	Cone type	Cone type
Material	SUS304	SUS316
Surface Treatment	Polishing	Polishing

AKQ31-G-Z-2020



AKQ31-G-Z-4847
AKQ31-G-Z-6247
AKQ31-G-Z-6263A



Part number		Load(N)	Weight (g/pcs)
Code	No.		
AKQ31-G-Z	2020	100	34.7

Part number		W	L	P	S	T	Applicable bolt		Load (N)	Weight (g/pcs)
Code	No.						Bolt	Number		
AKQ31-G-Z	4847	48	47	28	31	5	AIF31-M6-L12	4	350	96
	6247	62	47	28	36	5	AIF31-M6-L12	4	350	124
	6263A	62	63	37	41	5	AIF31-M6-L12	4	450	166



Please order as shown

Part number		W
Code	No.	
AKQ31-G-Z	4847	48
	6247	62

AKQ31-G-Z — 4847



Quotation Way

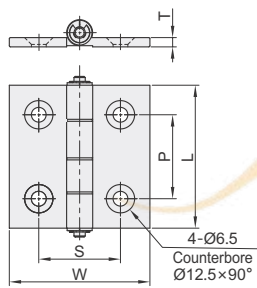
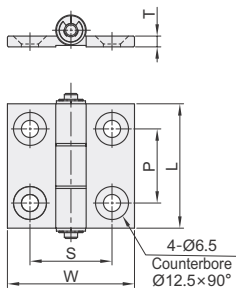


Fixed aluminum alloy hinge

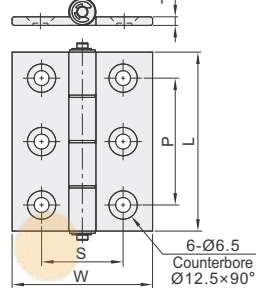
Code	AKQ01-G-Z	AKQ03-G-Z
Type	Cone type/Straight Bore	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

No.:4847/4847A/6247/6247A

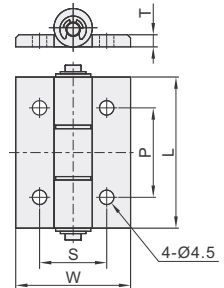
No.:6263/6263A



No.:4879/6279/6279A
7879/7879A



No.:3647



Part number		W	L	P	S	T	Applicable bolt		Load(N)	Weight(g/pcs)
Code	No.						Bolt	Number		
AKQ01-G-Z	3647	36			21		AIF31-M4-L12		100	30
	4847		47	28				4	150	32
	4847A	48		30	31					40
	4879		79	56				6	220	54
	6247			28						
	6247A		47	30	36				180	
	6263					4.1	AIF31-M6-L12	4		52
	6263A	62	63	37	42					
	6279				36					
	6279A		79	56	42			6	220	65
	7879				47					
	7879A	78			52					78
AKQ03-G-Z	3647	36			21		AIF31-M4-L12		100	30
	4847		47	28				4	150	32
	4847A	48		30	31					40
	4879		79	56				6	220	54
	6247			28						
	6247A		47	30	36				180	
	6263					4.1	AIF31-M6-L12	4		52
	6263A	62	63	37	42					
	6279				36					
	6279A		79	56	42			6	220	65
	7879				47					
	7879A	78			52					78

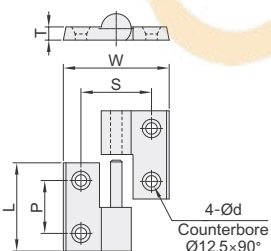
Plug-in nylon hinge

Code	AKQ52-B-Z
Type	Cone type
Material	PA
Color	Black

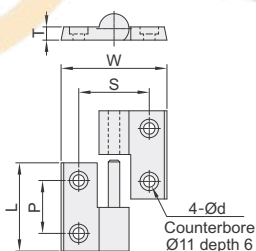
- ① Used for the installation of doors and windows, connect the door hinge and the extrusion with screws and nuts
- ② 180 degree angle, easy to load and unload.



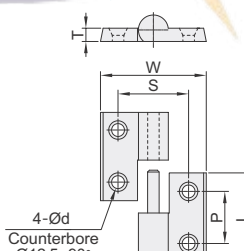
AKQ52-B-Z-L-3030



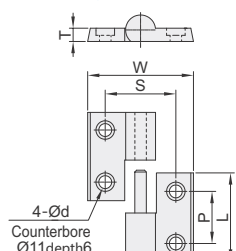
AKQ52-B-Z-L-4040



AKQ52-B-Z-R-3030



AKQ52-B-Z-R-4040



Part number		W	L	P	S	d	T	Load (N)	Weight (g/pcs)
Code	No.								
AKQ52-B-Z-L	3030	50	45	24	30	6.5	8	120	24
	4040	59	50	30	40		10	160	38

Part number		W	L	P	S	d	T	Load (N)	Weight (g/pcs)
Code	No.								
AKQ52-B-Z-R	3030	50	45	24	30	6.5	8	120	24
	4040	59	50	30	40		10	160	38

Fixed aluminum alloy hinge

Part number		W
Code	No.	
AKQ01-G-Z	3647	36
	4847	48
AKQ01-G-Z—3647		

Plug-in nylon hinge

Part number		W
Code	No.	
AKQ52-B-Z-R	3030	50
	4040	59
AKQ52-B-Z-R—3030		



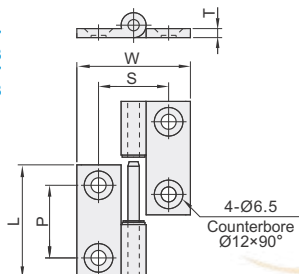
Please order as shown



Plug-in aluminum alloy hinge-cone type

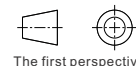
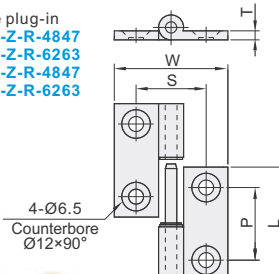
Code	AKQ01-B-Z	AKQ03-B-Z
Type	Cone type	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

Left side plug-in
AKQ01-B-Z-L-4847
AKQ01-B-Z-L-6263
AKQ03-B-Z-L-4847
AKQ03-B-Z-L-6263



For the installation of the doors and windows, the angle is 180 degrees, and it is easy to install and unload. Connect the door hinge and the extrusion with screws and nuts.

Right side plug-in
AKQ01-B-Z-R-4847
AKQ01-B-Z-R-6263
AKQ03-B-Z-R-4847
AKQ03-B-Z-R-6263



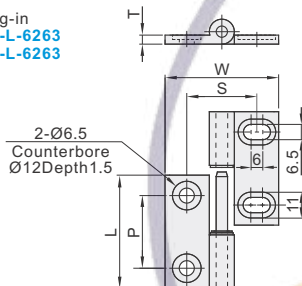
Part number		W	L	P	S	T	Load (N)	Weight (g/pcs)
Code	No.							
AKQ01-B-Z-L	4847	48	47	28	31		150	36
	6263	62	63	37	36	4.1	180	58
AKQ03-B-Z-L	4847	48	47	28	31		150	36
	6263	62	63	37	36		180	58

Part number		W	L	P	S	T	Load (N)	Weight (g/pcs)
Code	No.							
AKQ01-B-Z-R	4847	48	47	28	31		150	36
	6263	62	63	37	36	4.1	180	58
AKQ03-B-Z-R	4847	48	47	28	31		150	36
	6263	62	63	37	36		180	58

Plug-in aluminum alloy hinge-waist hole type

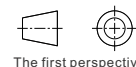
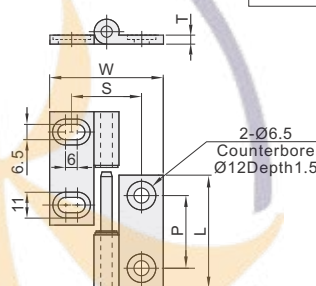
Code	AKQ01-B-Y	AKQ03-B-Y
Type	Waist hole type	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

Left side plug-in
AKQ01-B-Y-L-6263
AKQ03-B-Y-L-6263



For the installation of the doors and windows, the angle is 180 degrees, and it is easy to install and unload.
 Connect the door hinge and the extrusion with screws and nuts.

Right side plug-in
AKQ01-B-Y-R-6263
AKQ03-B-Y-R-6263

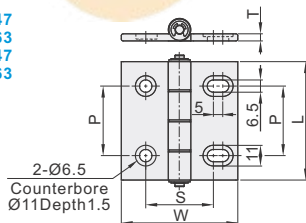


Part number		W	L	P	S	T	Load(N)	Weight(g/pcs)
Code	No.							
AKQ01-B-Y-L								
AKQ01-B-Y-R								
AKQ03-B-Y-L	6263	62	63	37	36	4.1	180	58
AKQ03-B-Y-R								

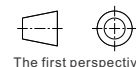
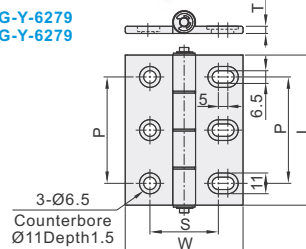
Fixed aluminum alloy hinge-waist hole type

Code	AKQ01-G-Y	AKQ03-G-Y
Type	Waist hole type	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

AKQ01-G-Y-6247
AKQ01-G-Y-6263
AKQ03-G-Y-6247
AKQ03-G-Y-6263



AKQ01-G-Y-6279
AKQ03-G-Y-6279



Part number		W	L	P	S	T	Applicable bolt	Load (N)	Weight (g/pcs)
Code	No.						Bolt	Number	
AKQ01-G-Y	6247	62	47	28	36	4.1	AIE31-M6-L12	4	150 40
	6263	62	63	37	36			4	180 52
	6279	79	56					6	220 65

Part number		W	L	P	S	T	Applicable bolt	Load (N)	Weight (g/pcs)
Code	No.						Bolt	Number	
AKQ03-G-Y	6247	62	47	28	36	4.1	AIE31-M6-L12	4	150 40
	6263	62	63	37	36			4	180 52
	6279	79	56					6	220 65



Part number		W
Code	No.	
AKQ01-G-Y	6247	62
	6263	

AKQ01-G-Y-6247

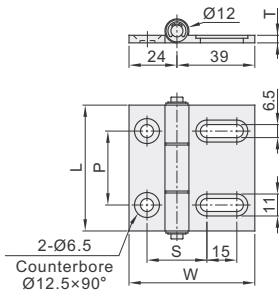


Hidden hinge

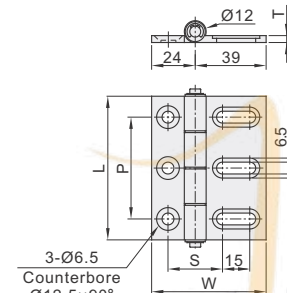
Code	AKQ01-G-Y	AKQ03-G-Y
Type	Waist hole	Waist hole
Material	A6063-T5	A6063-T5
Surface Treatment	Clear anodize	Black anodize



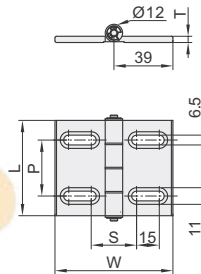
AKQ01-G-Y-6363
AKQ03-G-Y-6363



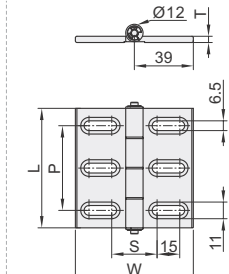
AKQ01-G-Y-6379
AKQ03-G-Y-6379



AKQ01-G-Y-7863Y
AKQ03-G-Y-7863Y



AKQ01-G-Y-7879Y
AKQ03-G-Y-7879Y

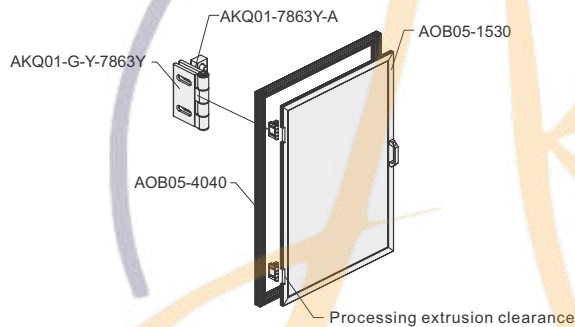


Part number		W	L	P	S	T	Load (N)	Weight (g/pcs)
Code	No.							
AKQ01-G-Y	6363	63	63	37	30	4.1	180	54
AKQ03-G-Y	6379		79	56			220	70

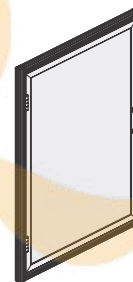
Part number		W	L	P	S	T
Code	No.					
AKQ01-G-Y	7863Y	78	63	37	30	4.1
AKQ03-G-Y	7879Y		79	56		



Exploded drawing



Assembly drawing



Part number		W
Code	No.	
AKQ01-G-Y	6363	63
AKQ03-G-Y	6349	

AKQ01-G-Y — 6363

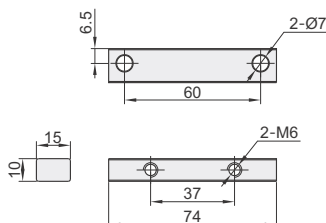


◻ Cushion block

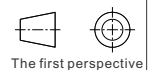
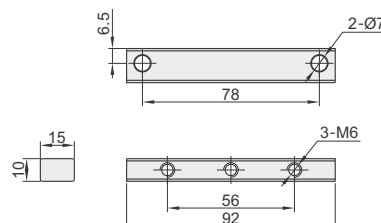
Code	Type	Material	Surface Treatment
AKB01-7863Y-A AKB01-7879Y-A	Cushion block	A6063-T5	Sandblasting Oxidation

- ① Transition block between hidden hinge and 1530 door frame.
- ② Transition block between hidden hinge and 2040 door frame.

AKB01-7863Y-A



AKB01-7879Y-A



The first perspective



Code
AKB01-7879Y-A AKB01-7863Y-A



Aluminum alloy hinge-limit type

Code	AKQ01-G-X	AKQ03-G-X
Type	Cone hole/Waist hole type	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

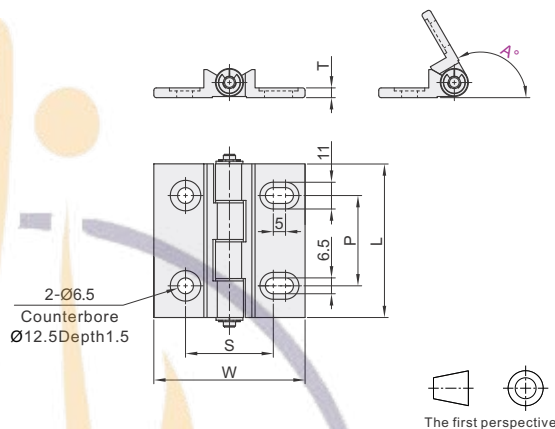
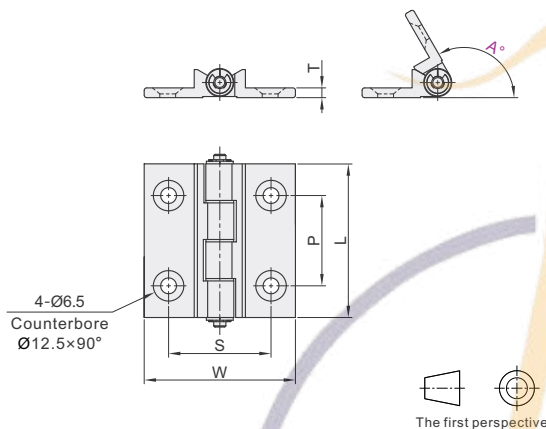
For the installation of the doors and windows, connect the door hinge and the extrusion with screws and nuts, can be limited at a fixed angle, easy to load and unload.



AKQ01-G-X-6263A-120
AKQ01-G-X-6263-120
AKQ01-G-X-6263A-135
AKQ01-G-X-6263-135
AKQ01-G-X-6263A-150
AKQ01-G-X-6263-150

AKQ03-G-X-6263A-120
AKQ03-G-X-6263-120
AKQ03-G-X-6263A-135
AKQ03-G-X-6263-135
AKQ03-G-X-6263A-150
AKQ03-G-X-6263-150

AKQ01-G-X-6263B-120
AKQ01-G-X-6263B-135
AKQ01-G-X-6263B-150
AKQ03-G-X-6263B-120
AKQ03-G-X-6263B-135
AKQ03-G-X-6263B-150



Part number		A	S	P	W	L	T	Load (N)	Weight (g/pcs)
Code	No.								
AKQ01-G-X	6263A 120	36							
	6263 120	42							
	6263A 135	36							
	6263 135	42	37	62	63	4	180	63	
	6263A 150	36							
	6263 150	42							
AKQ03-G-X	6263A 120	36							
	6263 120	42							
	6263A 135	36							
	6263 135	42	37	62	63	4	180	63	
	6263A 150	36							
	6263 150	42							

Part number		A	S	P	W	L	T	Load (N)	Weight (g/pcs)
Code	No.								
AKQ01-G-X	6263B 120								
	135								
	150								
AKQ03-G-X	6263B 120	36	37	62	63	4	180	52	
	135								
	150								



Please order as shown

Part number		A
Code	No.	
AKQ01-G-X	6263	120
AKQ03-G-X	6263	150

AKQ01-G-X—6363—120



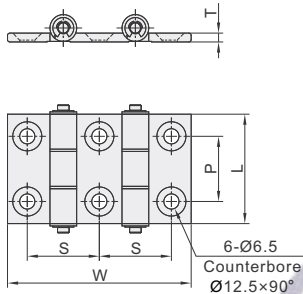
❑ Biaxial aluminum alloy hinge

Code	AKQ01-G-Z-LR	AKQ03-G-Z-LR
Type	Biaxial hinge	
Material	A6063-T5	
Surface Treatment	Clear anodize	Black anodize

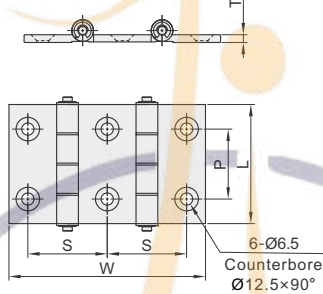
❑ Applied to install doors and windows on the both side of a extrusion.



AKQ01-G-Z-LR-7947
AKQ01-G-Z-LR-9047
AKQ03-G-Z-LR-7947
AKQ03-G-Z-LR-9047

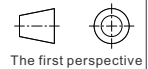
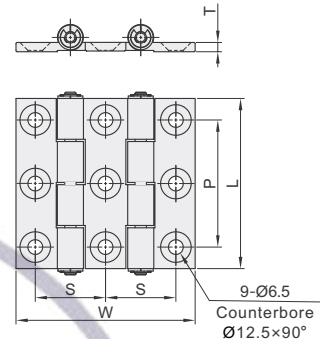


AKQ01-G-Z-LR-10463
AKQ01-G-Z-LR-10463A
AKQ03-G-Z-LR-10463
AKQ03-G-Z-LR-10463A



AKQ01-G-Z-LR-7975
AKQ01-G-Z-LR-10475
AKQ01-G-Z-LR-9075

AKQ03-G-Z-LR-7975
AKQ03-G-Z-LR-10475
AKQ03-G-Z-LR-9075

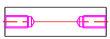
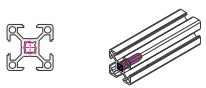
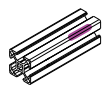
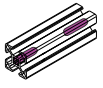
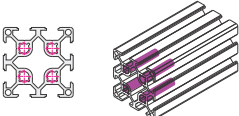
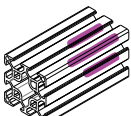
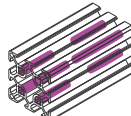
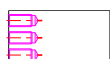
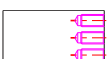
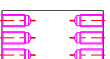
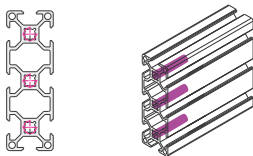
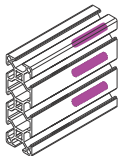
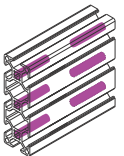


Part number		W	L	P	S	T	Applicable bolt		Load (N)	Weight (g/pcs)
Code	No.						Bolt	Number		
AKQ01-G-Z-LR	7947	79	47	28	31	4.1	AIF31-M6-L12	6	150	58
	10463	104	63	37	42	4.1			180	95
	10463A	104	63	37	36	4.1			180	95
	9047	90	47	28	36	4.1		9	150	63
	7975	79	75	56	31	4.1			220	90
	10475	104	75	56	42	4.1			220	110
AKQ03-G-Z-LR	9075	90	75	56	36	4.1	AIF31-M6-L12	6	220	99
	7947	79	47	28	31	4.1			150	58
	10463	104	63	37	42	4.1			180	95
	10463A	104	63	37	36	4.1		9	180	63
	9047	90	47	28	36	4.1			150	63
	7975	79	75	56	31	4.1			220	90
	10475	104	75	56	42	4.1		9	220	110
	9075	90	75	56	36	4.1			220	99



Part number		W
Code	No.	
AKQ01-G-Z-LR	9047	90
AKQ03-G-Z-LR	7975	79
AKQ01-G-Z-LR — 9047		

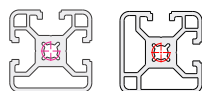


End face threaded hole processing			
Processing position	Left end face	Right end face	Both ends
Code	LM	RM	DM
Processing position legend			
			
			
			
			
			

❑ The reference and hole processing example of special extrusion placement are shown in the figure below (The specific placement method of the extrusion is the reference of the extrusion processing direction):

❶ Generally, threaded hole are processed by default inside holes; if other holes are required, please remake with attached drawings.

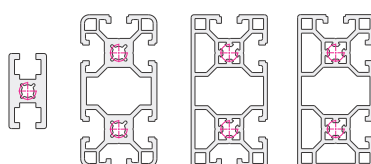
❶ In the case of a square extrusion, place the sealing edge facing down; if there is more than one sealing edge, the other sealing edge faces left. (As shown below):



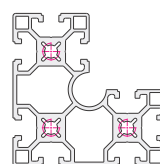
❷ Place the arc face up and right. (as shown below):



❸ For rectangular extrusions, place them vertically; if there is a sealing edge, place the sealing edge to the left. (As shown below):

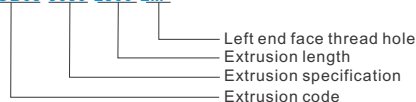


❹ Place the L-shaped notch toward the upper right. (as shown below):



❑ The order example is as follows (processing position is shown in figure 1)

AOB05-3030-L800-LM

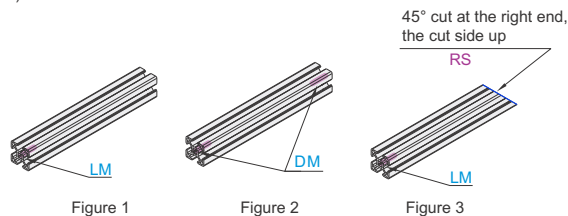


❑ Use of optional processing

Multiple optional processing can be selected at the same time, the selection example are as follows:

AOB05-3030-L800-DM (As shown figure 2)

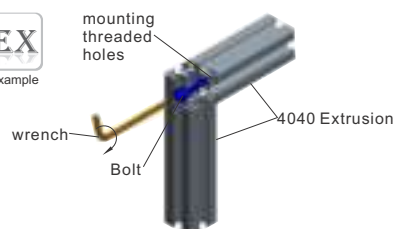
AOB05-3030-L800-LM-RS (As shown figure 3)



❶ Precautions:

- Please specify the machining direction when you need to machine the threaded hole on the end face.
- The number of threaded holes on the end face varies according to the type of extrusion (the number of threaded holes on the end face).
- The standard threaded hole depth of the end face is shown in the following table (special depth requirements, remarks are required):

Thread size	Standard thread depth	Thread size	Standard thread depth
M3	8mm	M8	20mm
M4	10mm	M10	24mm
M5	12mm	M12	28mm
M6	15mm	M14	36mm

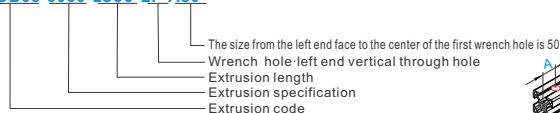


Wrench hole processing				
Processing position	Left end horizontal through hole	Right end horizontal through hole	Left end vertical through hole	Right end vertical through hole
Code	LA	RA	LF	RF
Processing position legend				

④ The order example is as follows:(see right figure)

When machining a wrench hole:

AOB05-3030-L800-LF-A50



④ The parameter table of wrench hole

Extrusion Specification	d (Wrench hole size)		
	In common use	National Standard	EU Standard
15 Series	6	—	—
20 Series	—	—	6.5
30 Series	—	6.5	8.5
40 Series	—	8.5	8.5
45 Series	—	—	12.5

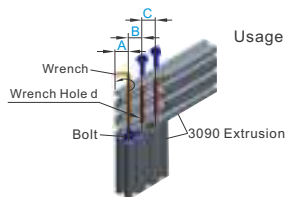
① The wrench hole can be opened at any position, and the distance between any wrench hole and the end surface is 0~6000mm.

② The grooves of the default processing surface are all processed. If the customer has other requirements, please place an order with the attached drawings.

③ Up to 5 wrench holes can be opened in one direction. (When there are more than 5, the codes will be continued in sequence and need to be transferred to offline quotation with attached drawings)

④ Common wrench hole applications, installation examples are as follows:

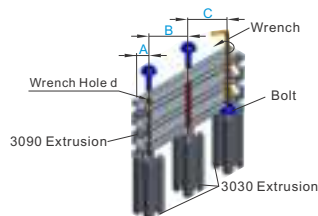
AOB05-3090-L800-LF-A15-B30-C30 (See usage example 1)



Fixed wrench hole position

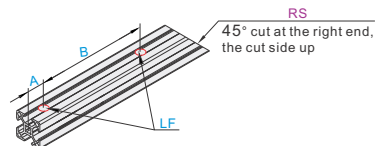
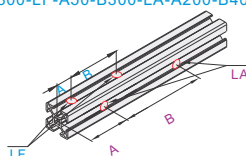
AOB05-3090-L800-LF-A15-B100-C100 (See usage example 2)

Usage Example 2



Specify the location of the wrench hole

AOB05-3030-L800-LF-A50-B600-RS (See below figure)



④ For the placement reference and opening direction of special extrusions, see the page 469 reference example diagram (The specific placement method of the extrusion is the reference of the extrusion processing direction):

① In the case of a square extrusion, place the sealing edge facing down; if there is more than one sealing edge, the other sealing edge faces left.

② Place the arc face up and right.

③ For rectangular extrusions, place them vertically; if there is a sealing edge, place the sealing edge to the left.

④ Place the L-shaped notch toward the upper right.

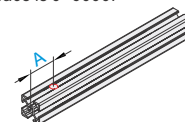
Bolt counterbore processing				
Processing position	Left end horizontal counterbore	Right end horizontal counterbore	Left end vertical counterbore	Right end vertical counterbore
Code	LD	RD	LE	RE
Processing position legend				

④ The order example is as follows:(see right figure)
When machining a counterbore:

AOB05-3030-L200-LE-Z5-A30

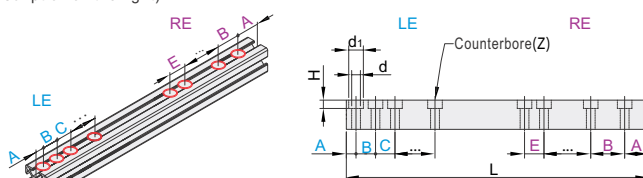
The distance from the left end face to the center of the first counterbore is 30
Counterbore size
Bolt counterbore-left end vertical counterbore
Extrusion length
Extrusion specifications
Extrusion code

① All grooves of the processing surface are processed by default.If the customer has other requirements, please place an order with the attached picture.
② The distance between any counterbore and the end surface is 0~6000.



④ Specified counterbore type parameter table:(refer to the description on the right)

Extrusion Type	Counterbore size (Z)	d	d ₁	H
Groove width 6.2/6.3	5	5.5	9.5	5.5
	6	6.5	11	6.5
Groove width 8.2/8.3	8	9	14	8.5
	8	9	14	8.5
Groove width 10.2	(Use with threaded sleeve)	9	14	8.5
	12	13	20	12.5



① The minimum unit is 0.5mm;the distance between the first hole near the end face and the end face cannot be less than 7mm (ie $A \geq 7\text{mm}$).
② Up to 5 counterbores can be opened in one direction.(When there are more than 5,the codes will be continued in sequence and need to be transferred to offline quotation with attached drawings)
③ When the groove width 10.2 type chooses M8 to be used with extrusion and tapping,it is used with thread sleeve.

④ Multiple optional processing can be selected at the same time, the selection example are as follows:

AOB05-3030-L800-LE-Z5-A200-LD-Z5-A80-B220-C220 (Figure 1)

AOB05-3030-L800-LE-Z5-A300-B80-LD-Z5-A200-B200 (Figure 2)

AOB05-3030-L800-LE-Z5-A300-B80-C220-LD-Z5-A200 (Figure 3)

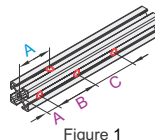


Figure 1

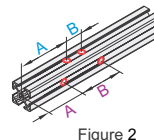


Figure 2

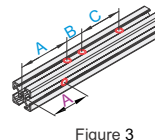
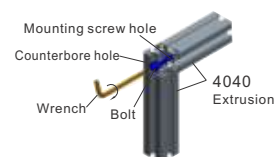


Figure 3

④ For the placement reference and opening direction of special extrusions,see the page 469 reference example diagram (The specific placement method of the extrusion is the reference of the extrusion processing direction):

- ① In the case of a square extrusion,place the sealing edge facing down;if there is more than one sealing edge,the other sealing edge faces left.
- ② Place the arc face up and right.
- ③ For rectangular extrusions,place them vertically;if there is a sealing edge,place the sealing edge to the left.
- ④ Place the L-shaped notch toward the upper right.

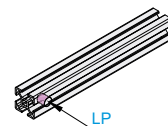
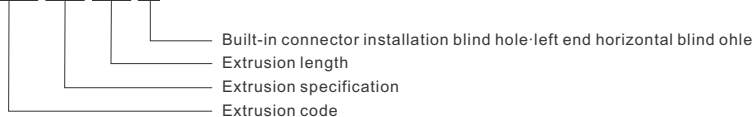


① Priority considering to drill the counterbore from the edge sealed position If the profile is edge sealed .

Built-in connector installation blind hole processing								
Processing Position Code	Left end horizontal blind hole LP	Right end horizontal blind hole RP	Left end horizontal both sides blind hole LDP	Right end horizontal both sides blind hole RDP	Left end vertical blind hole LQ	Right end vertical blind hole RQ	Left end vertical both sides blind hole LDQ	Right end vertical both sides blind hole RDQ
Processing position legend								

❏ The order example is as follows:(The specific processing position is shown on the right)

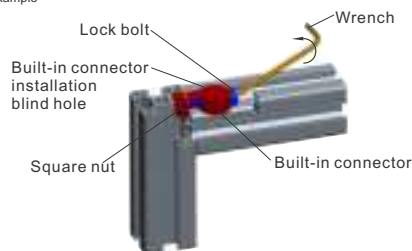
AOB05-3030-L800-LP



❏ The grooves of the default processing surface are all processed.If the customer has other requirements,please place an order with the attached drawings.

❏ Different processing surface of extrusion,corresponding processing size content

Extrusion Part Number	G	H	D	Equipped with bolts	Extrusion processing size
Side Length 20	13	Ø 12.5	9	AID31-M4-L16	
Side Length 30	16	Ø 15	12.5	AID31-M6-L20	
Side Length 40	19	Ø 19	18	AID31-M8-L25	
Side Length 45/50/60	19	Ø 19	18	AID31-M8-L25	



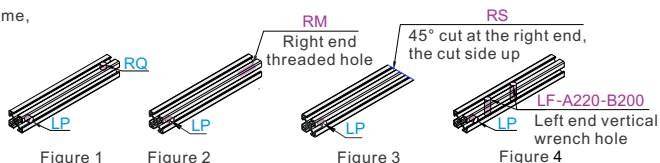
❏ Multiple optional processing can be selected at the same time, the selection example are as follows:

AOB05-3030-L800-LP-RQ (Figure 1)

AOB05-3030-L800-LP-RM (Figure 2)

AOB05-3030-L800-LP-RS (Figure 3)

AOB05-3030-L800-LP-LF-A220-B200 (Figure 4)



❏ For the placement reference and opening direction of special extrusions,see the page 469 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

- ① In the case of a square extrusion, place the sealing edge facing down; if there is more than one sealing edge, the other sealing edge faces left.
- ② Place the arc face up and right.
- ③ For rectangular extrusions, place them vertically; if there is a sealing edge, place the sealing edge to the left.
- ④ Place the L-shaped notch toward the upper right.

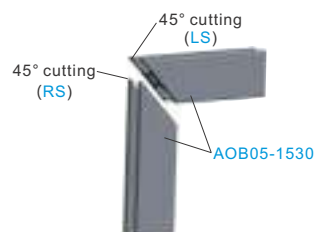
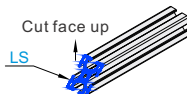
❏ If the extrusion has edge-sealed, it does not support double-sided internal blind holes.

45° Cutting									
Processing Position	Cut face up		Cut face down		Cut face forward		Cut face back		
	Left end	Right end	Left end	Right end	Left end	Right end	Left end	Right end	
Code	LS	RS	LX	RX	LV	RV	LH	RH	
Processing position legend									

❏ The order example is as follows:(see the right picture for the cutting position)

AOB05-3030-L800-LS

45° cutting: cut face up · left end
Extrusion length
Extrusion specification
Extrusion code



❏ Multiple optional processing can be selected at the same time, selection examples:

Example 1: **AOB05-3030-L800-LS-RS** (Figure 2)

Example 2: **AOB05-3030-L800-LS-RD-Z5-A350-B250** (Figure 2)

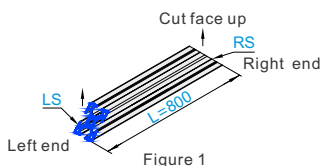


Figure 1

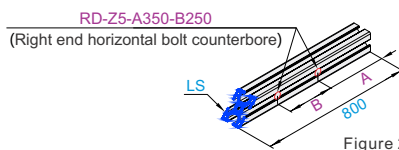


Figure 2

❏ For the placement reference and opening direction of special extrusions, see the page 469 reference example diagram (The specific placement method of the extrusion is the reference of the extrusion processing direction):

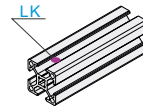
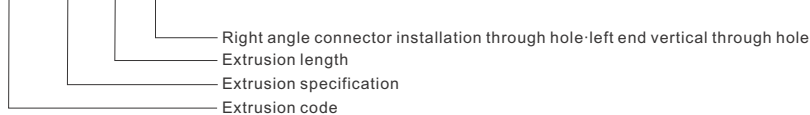
- ① In the case of a square extrusion, place the sealing edge facing down; if there is more than one sealing edge, the other sealing edge faces left.
- ② Place the arc face up and right.
- ③ For rectangular extrusions, place them vertically; if there is a sealing edge, place the sealing edge to the left.
- ④ Place the L-shaped notch toward the upper right.

❗ If the extrusion has edge-sealed, it does not support double-sided internal blind holes.

Right angle connector installation through hole processing				
Processing Position	Left end horizontal through hole	Right end horizontal through hole	Left end vertical through hole	Right end vertical through hole
Code	LJ	RJ	LK	RK
Processing position legend				

④ The order example is as follows:(see the right picture for the processing position)

AOB05-3030-L800-LK



④ Different processing surface of extrusion,corresponding processing size content:

Extrusion Series	G	H	Accessories connector	Extrusion processing size chart
EU Standard 30	18	Ø11.5	ADF21-308-0	
			ADF21-308-90	
EU Standard 40 Groove 8.2	15.5	Ø11.5	ADF21-308-0	
			ADF21-308-90	
EU Standard 40 Groove 10.2	23	Ø17	ADF21-4010-0	
			ADF21-4010-90	
EU Standard 45	25.5-T+2	Ø17	ADF21-4010-0	
			ADF21-4010-90	
EU Standard 50/60	31	Ø15.5	ADF21-4510-90	
		Ø15.5	ADF21-4510-90	

① T is the wall thickness of the extrusion slot(Y series is 4.5,05 series is 4)

① National standard extrusion are not applicable.

④ Combination of optional processing,multiple optional processing can be selected at the same time,selection example:

AOB05-3030-L800-LK-LA-A150-B200-C100 (Figure 1)

AOB05-3030-L800-RJ-LH (Figure 2)

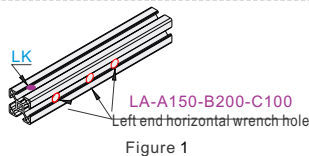


Figure 1

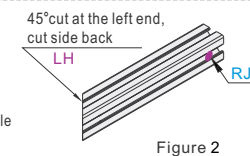


Figure 2

④ For the placement reference and opening direction of special extrusions,see the page 469 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

- ① In the case of a square extrusion,place the sealing edge facing down;if there is more than one sealing edge,the other sealing edge faces left.
- ② Place the arc face up and right.
- ③ For rectangular extrusions,place them vertically;if there is a sealing edge,place the sealing edge to the left.
- ④ Place the L-shaped notch toward the upper right.

① When opening the hole,it cannot opened to the sealing edge,(that is,when the extrusion is with edge sealing on one side and edge sealing on both sides,the edge sealing surface cannot penetrate.)