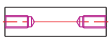
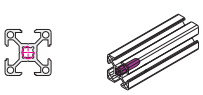
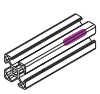
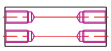
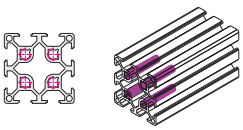
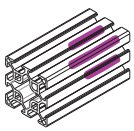
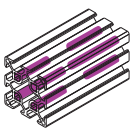
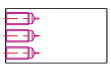
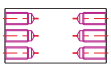
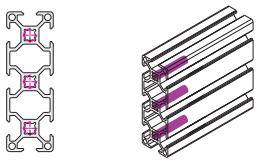
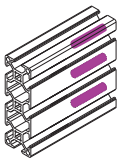
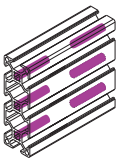
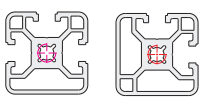
End face threaded hole processing			
Processing position	Left end face	Right end face	Both ends
Code	LM	RM	DM
Processing position legend			
			
			
			
			
			

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):

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

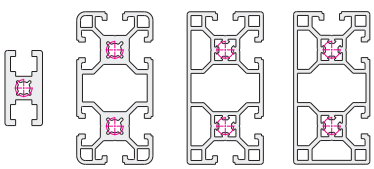
①In the case of a square extrusion, place the sealing edge facing down; if there is more than one sealing edge, the other sealing edge faces left. (As shown below):



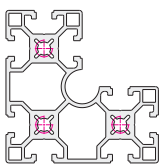
②Place the arc face toword the upper right. (as shown below):



③For rectangular extrusions,place them vertically;if there is a sealing edge,place the sealing edge to the left. (As shown below):



④Place 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

- Left end face thread hole
- Extrusion length
- Extrusion specification
- Extrusion code

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)

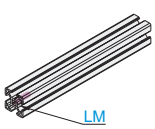


Figure 1

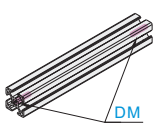


Figure 2

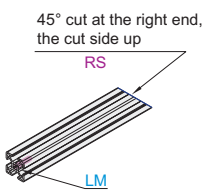


Figure 3

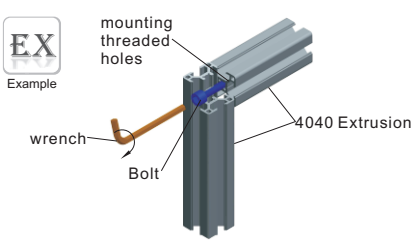
Precautions:

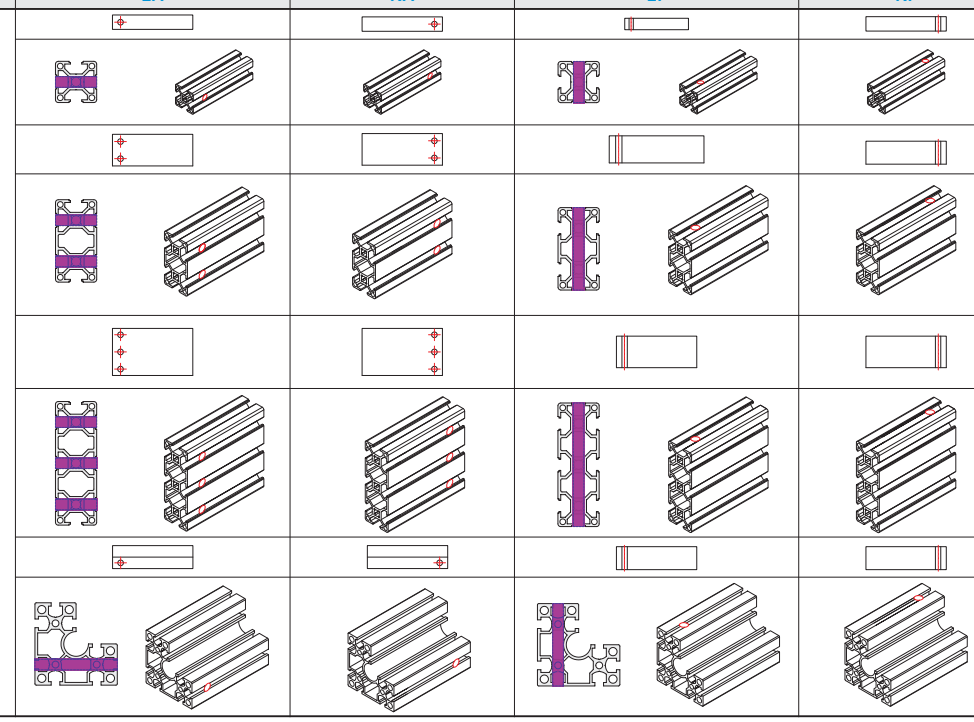
1、Please specify the machining direction when you need to machine the threaded hole on the end face.

2、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).

3、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



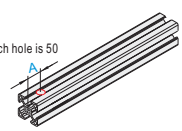
Wrench hole processing				
Processing position	Left end horizontal through hole	Right end horizontal through hole	Left end vertical through hole	Right end vertical through hole
Code	LA	RA	LF	RF
Processing position legend				

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

When machining a wrench hole:

AOB05-3030-L800-LF-A50

- The distance from the left end face to the center of the first wrench hole is 50
- Wrench hole·left end vertical through hole
- Extrusion length
- Extrusion specification
- Extrusion code



● 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

! The wrench hole can be opened at any position,and the distance between any wrench hole and the end surface is 0~4000mm.

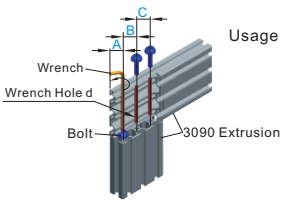
! The grooves of the default processing surface are all processed.If the customer has other requirements,please place an order with the attached drawings.

! 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)

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

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

EX Example

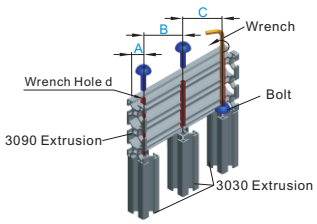


Usage Example 1

Fixed wrench hole position

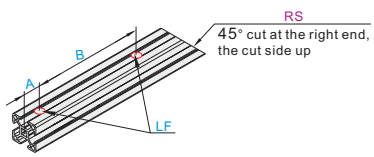
AOB05-3090-L800-LF-A15-B100-C100 (See usage example 2)

Usage Example 2



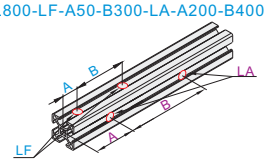
Specify the location of the wrench hole

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



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

AOB05-3030-L800-LF-A50-B300-LA-A200-B400 (See below figure)



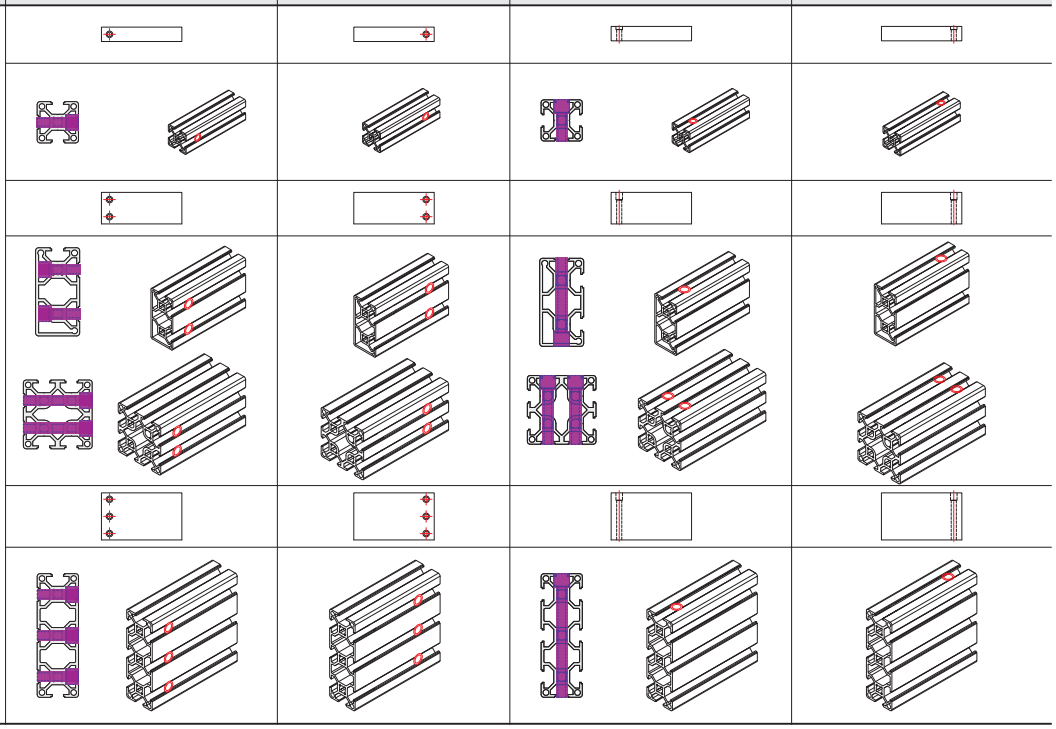
● For the placement reference and opening direction of special extrusions,see the page 883 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

①In 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.

②Place the arc face toword the upper right.

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

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

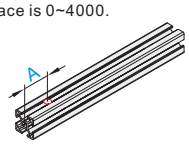
Bolt counterbore processing				
Processing position	Left end horizontal counterbore	Right end horizontal counterbore	Left end vertical counterbore	Right end vertical counterbore
Code	LD	RD	LE	RE
Processing position legend				

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

AOB05-3030-L200-LE-Z5-A30

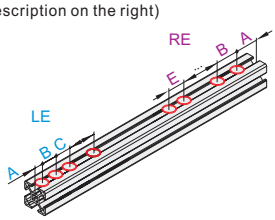
- The distance from the left end face to the center of the first counterbore is 30
- Counterbore size
- Bolt counterbore·left end vertical counterbore
- Extrusion length
- Extrusion specifications
- Extrusion code

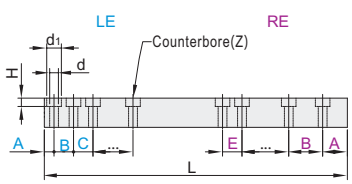
- All grooves of the processing surface are processed by default.If the customer has other requirements, please place an order with the attached picture.
- The distance between any counterbore and the end surface is 0~4000.



- 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
Groove width 10.2	8 (Use with threaded sleeve)	9	14	8.5
	12	13	20	12.5





- 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≥7mm).
- 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)
- When the groove width 10.2 type chooses M8 to be used with extrusion and tapping,it is used with thread sleeve.

- 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)

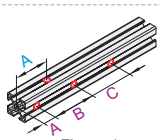


Figure 1

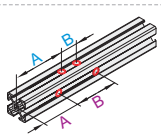


Figure 2

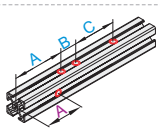
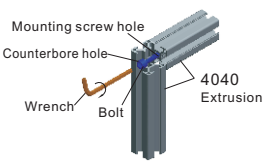


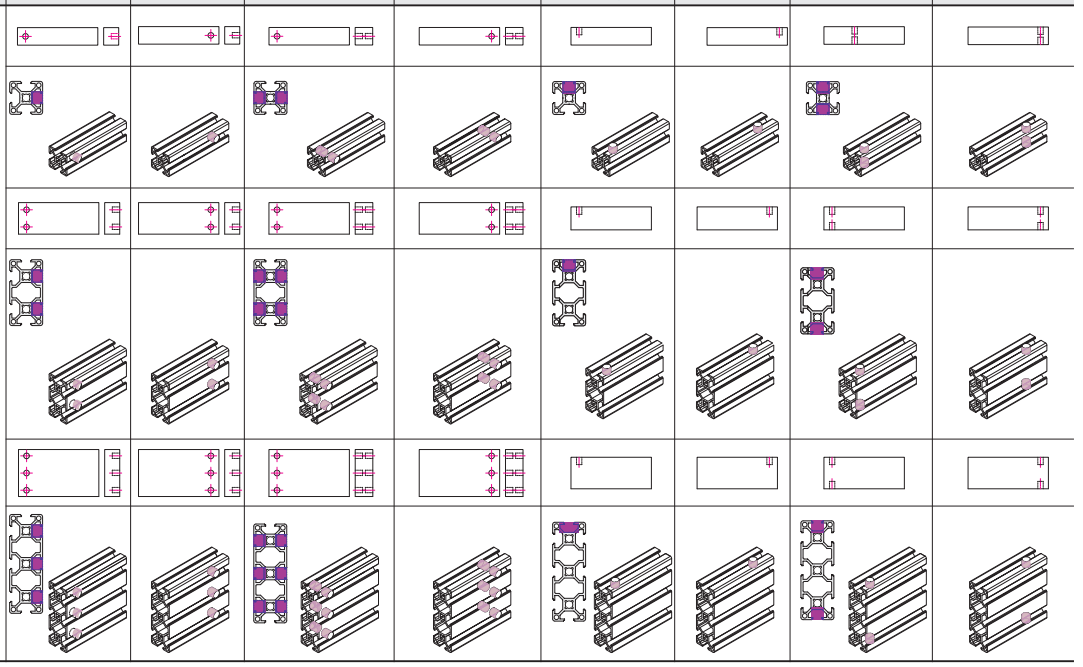
Figure 3

- For the placement reference and opening direction of special extrusions,see the page 883 reference example diagram (The specific placement method of the extrusion is the reference of the extrusion processing direction):
  ①In 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.
  ②Place the arc face toward the upper right.
  ③For rectangular extrusions,place them vertically;if there is a sealing edge,place the sealing edge to the left.
  ④Place the L-shaped notch toward the upper right.

EX Example



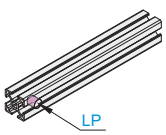
- Priority considering to drill the counterbore from the edge sealed position If the profile is edge sealed .

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

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

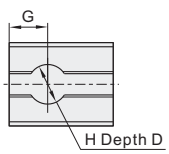
AOB05-3030-L800-LP

- Built-in connector installation blind hole·left end horizontal blind ohle
- Extrusion length
- Extrusion specification
- Extrusion code

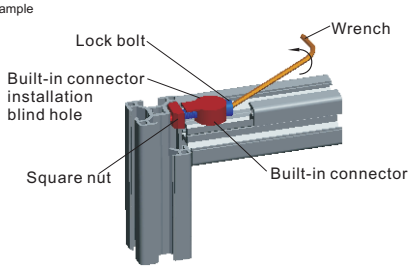


The grooves of the default processing surface are all processed.If the customer has other requirements,please place an order with the attached drawings.

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	Ø12.5	9	AID31-M4-L16	
Side length 30	16	Ø15	12.5	AID31-M6-L20	
Side length 40	19	Ø19	18	AID31-M8-L25	
Side length 45/50/60	19	Ø19	18	AID31-M8-L25	

EX Example



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)

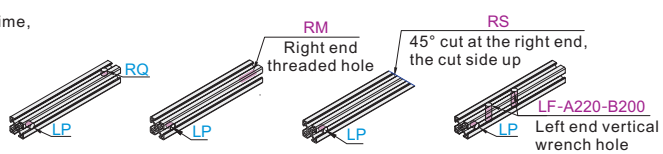


Figure 1 Figure 2 Figure 3 Figure 4

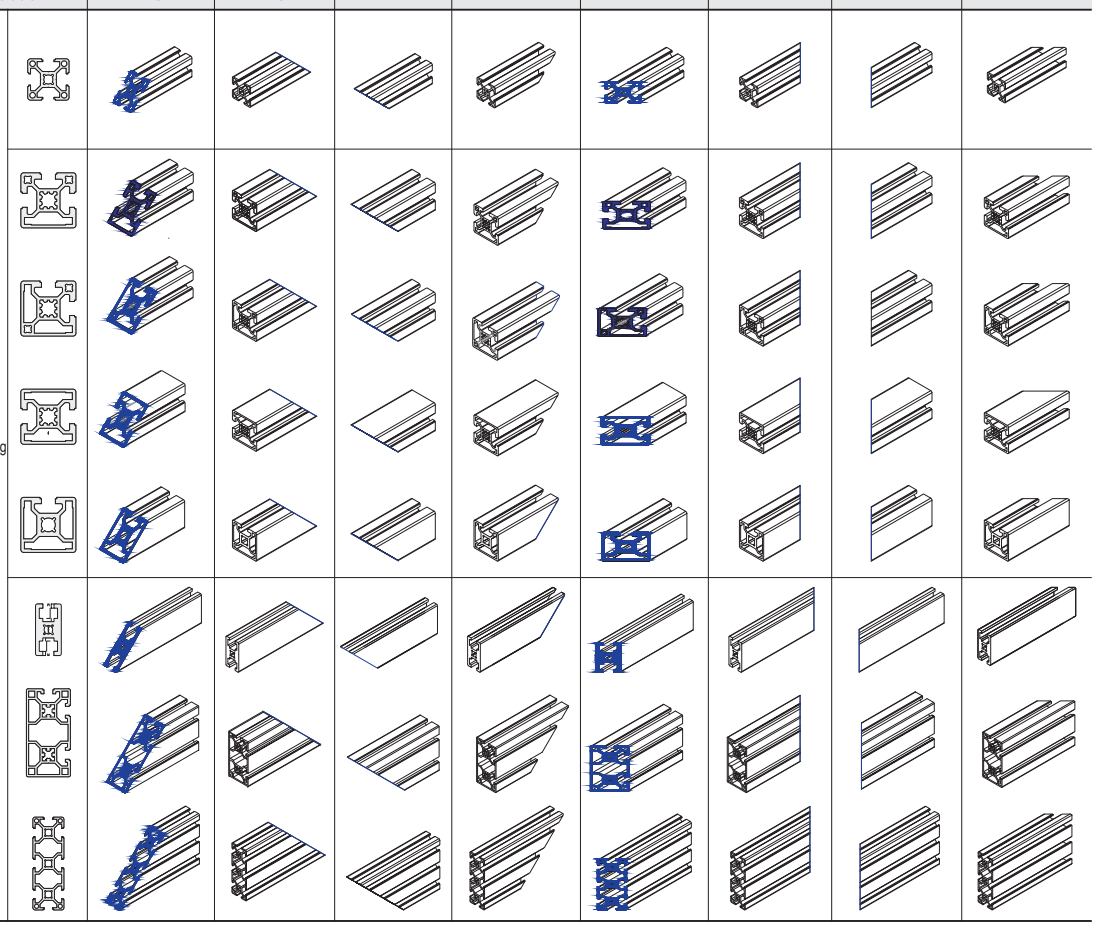
For the placement reference and opening direction of special extrusions,see the page 883 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

①In 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.
②Place the arc face toword the upper right.
③For rectangular extrusions,place them vertically;if there is a sealing edge,place the sealing edge to the left.
④Place 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

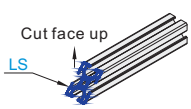
Processing position legend



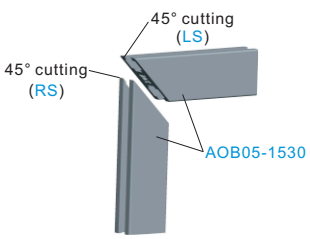
The order example is as follows:(see the right picture for the cutting position)

AOB05-3030-L800-LS

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



Example



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

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

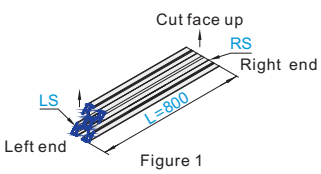


Figure 1

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

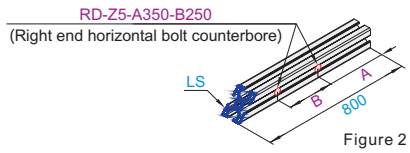


Figure 2

For the placement reference and opening direction of special extrusions,see the page 883 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

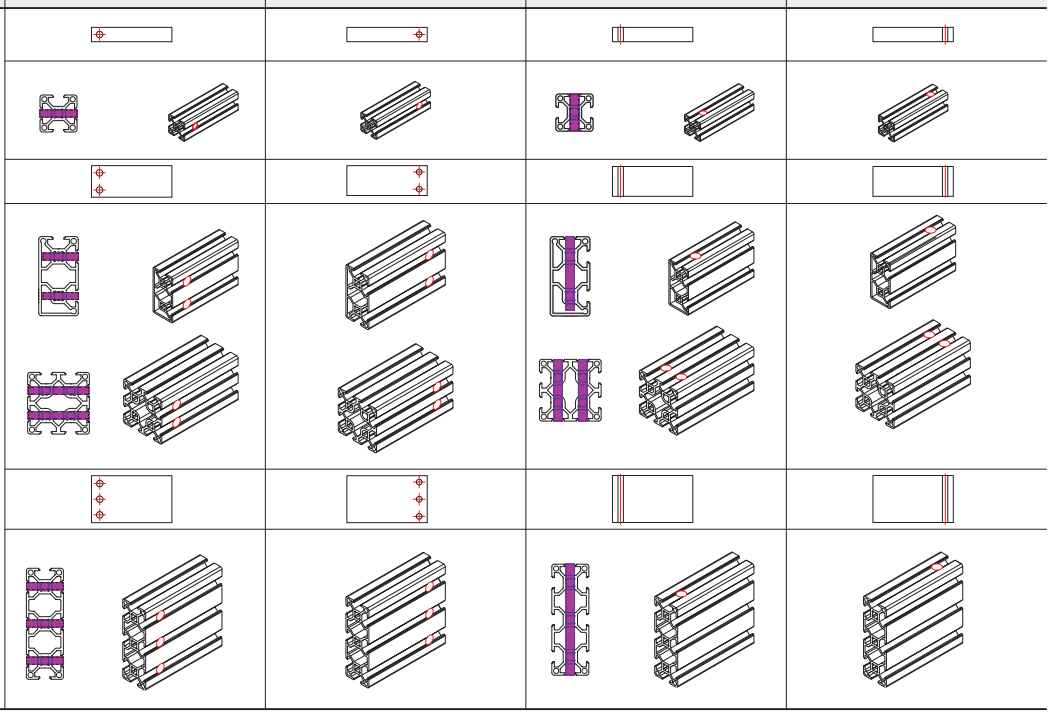
①In the case of a square extrusion,place the sealing edge facing down;if there is more than one sealing edge,the other sealing edge faces left.

②Place the arc face toword the upper right.

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

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

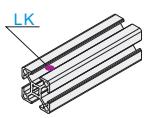
! If the extrusion has edge-sealed,it does not support double-sided internal blind holes.

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				

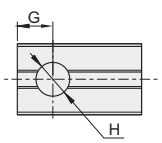
The order example is as follows:(see the right picture for the processing position)

AOB05-3030-L800-LK

- Right angle connector installation through hole·left end vertical through hole
- Extrusion length
- Extrusion specification
- Extrusion code

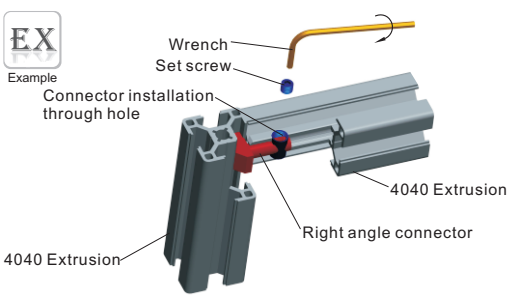


Different processing surface of extrusion,corresponding processing size content:

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	
	31	Ø15.5	ADF21-4510-90	
EU Standard 50/60	31	Ø15.5	ADF21-4510-90	

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

National standard extrusion are not applicable.



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)

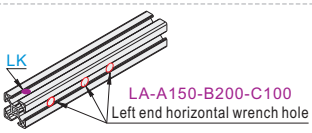


Figure 1

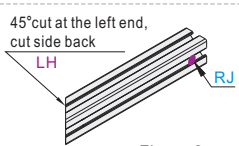


Figure 2

For the placement reference and opening direction of special extrusions,see the page 883 reference example diagram(The specific placement method of the extrusion is the reference of the extrusion processing direction):

①In 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.

②Place the arc face toword the upper right.

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

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

When opening the hole,it cannot opened to the sealing edge,(that is,when the extrusion is one side with edge sealing or two sidge with edge sealing,the edge sealing surface cannot penetrate.)