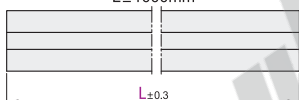


Code	Material	Surface Treatment
AOB02	A6063-T6	Alkaline Sand Oxidation
AOB05	A6063-T5	Sandblast Oxidation

- ❶ The fracture section haven't do oxidation.
 ❷ Maximum length of use: 3800~3850mm;
 The whole standard length: 4000mm.
 ❸ Surface treatment can be customized.

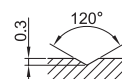
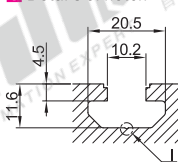
❹ L length tolerance

$L \leq 1000\text{mm}$



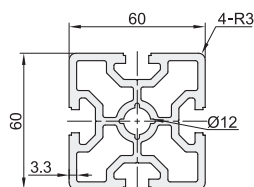
(When $L > 1000$, length dimension tolerance is ± 0.5)

❺ Details of notch

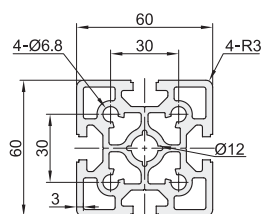


Enlarged view of part I

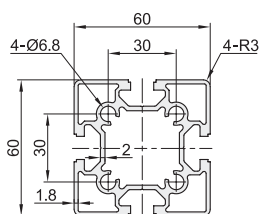
AOB05-H6060YF



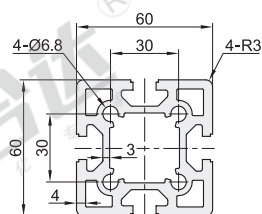
AOB02-H6060YF



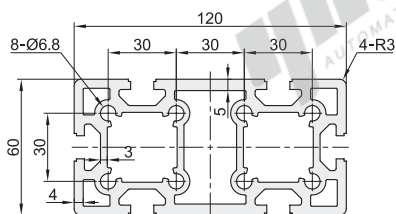
AOB05-6060YA



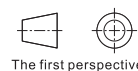
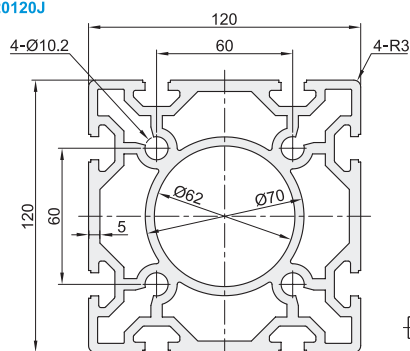
AOB05-6060J



AOB05-60120J



AOB05-120120J



The first perspective

Part number		L 0.5 mm Inc.	Section Dimension	Weight per meter Kg/m (Theoretical value)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I_x	I_y	$W_{x\max}$ (mm ³)	$W_{y\max}$ (mm ³)
AOB02	H6060YF	50~4000	60×60	4.20	1525.92	51.77×10^4	51.77×10^4	13273.67	13273.67
	H6060YE			3.77	1370.08	48.54×10^4	48.54×10^4	16180.93	16180.93
	6060YA			2.52	917.01	35.36×10^4	35.36×10^4	11787.47	11787.47
AOB05	6060J		60×120	4.08	1482.93	58.69×10^4	58.69×10^4	19564.70	19564.70
	60120J			7.05	2563.55	111.08×10^4	383.77×10^4	37028.03	63960.98
	120120J		120×120	12.48	4537.61	706.01×10^4	706.01×10^4	117667.85	117667.85



Please order as shown

Part number	L	Section
Code	No.	Dimension
AOB05	6060YA	50~4000
AOB05	6060J	50~4000

AOB05—6060YA—L1200

❻ Optional processing

Part number	L	Optional Processing
Code	No.	Code
AOB05	6060YA	LM RM DM
AOB05	6060J	LM RM DM

AOB05—6060YA—L1200—RM



Optional Processing

❹ End face screw processing

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

- ❶ Change through hole Ø12 to threaded hole M14 depth 36.
 ❷ Change through hole Ø10.2 to threaded hole M12 depth 28.

❸ See page **P885~890** for optional processing.

