

Extrusion General Accessories-Folding Door Series

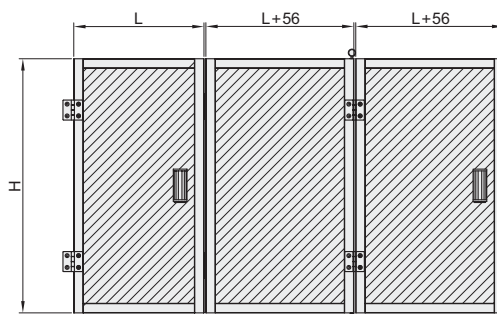
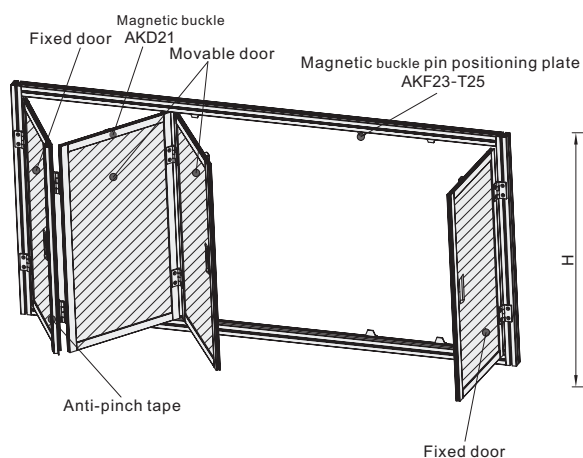


Please order
as shown



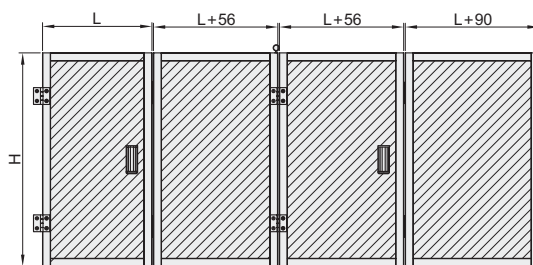
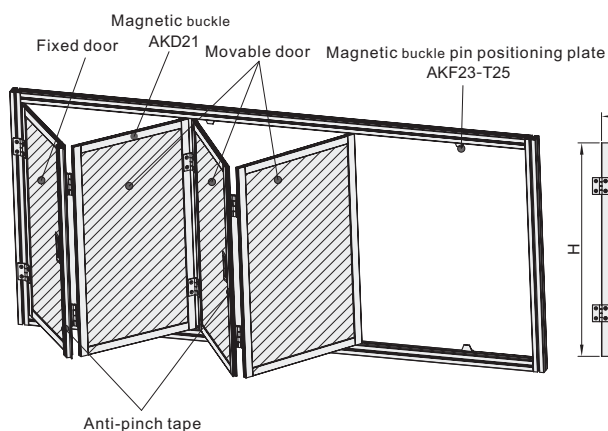
Usage example of folding door

3+1 folding door



Opening dimension of door frame

Four-fold folding door



Opening dimension of door frame

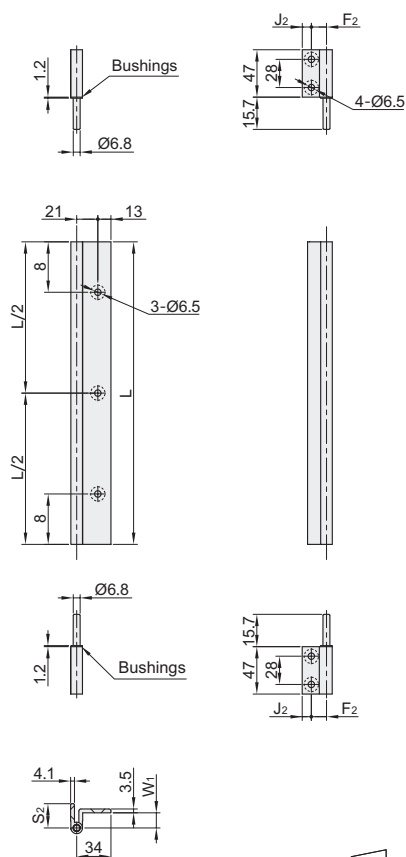
Hinge ▶ Extrusion General Accessories-Door Frame Part

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



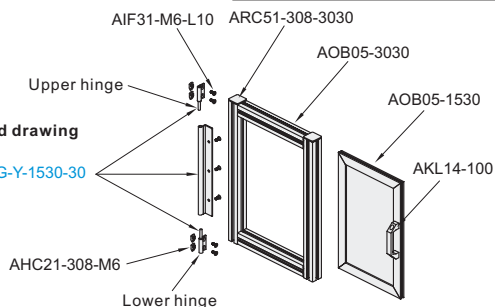
The first perspective

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



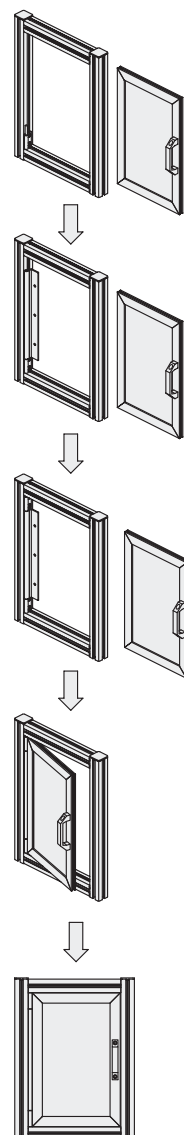
Assembling Sequence:

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.



Aluminum Extrusions
Accessories



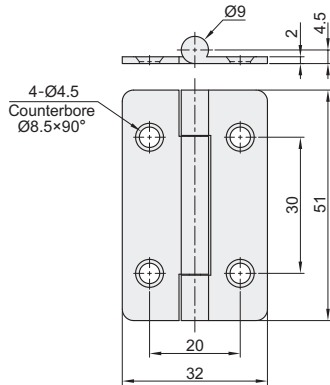
Part Number		L
Code	No.	
AKQ01-G-Y	1530-30	100~1000
AKQ03-G-Y	3030-30	
AKQ01-G-Y-1530-30-L800		



Fixed stainless steel hinge

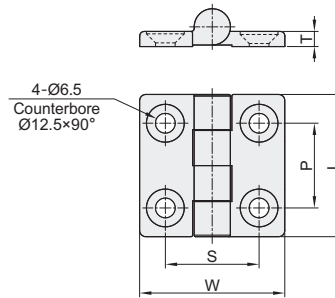
Code	AKQ31-G-Z-2020	AKQ31-G-Z
Type	Cone type	Cone type
Material	SUS304	SUS316
Surface Treatment	Polishing	Polishing

AKQ31-G-Z-2020



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

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



Part Number		W	L	P	S	T	Applicable Screws		Load (N)	Weight (g/pcs)
Code	No.						Screws	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



Fixed aluminum alloy hinge

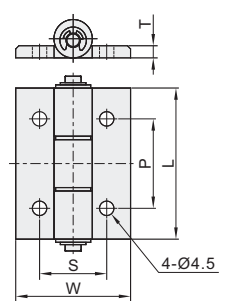
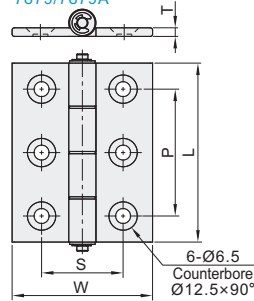
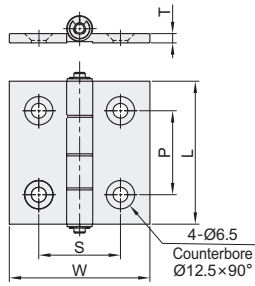
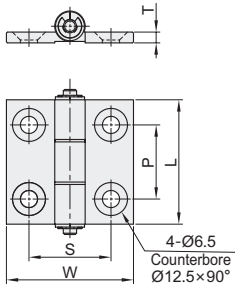
Code	AKQ01-G-Z	AKQ03-G-Z
Type	Cone type/Straight Bore	
Material	A6063-T5	
Surface Treatment	Clear anodize Black anodize	

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

No.:6263/6263A

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

No.:3647



Part Number		W	L	P	S	T	Applicable Screws		Load(N)	Weight(g/pcs)
Code	No.						Screws	Number		
AKQ01-G-Z	3647	36		28	21		AIF31-M4-L12		100	30
	4847		47					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				220	65
	6279A		79	56	42			6		
	7879	78			47					78
	7879A				52					
AKQ03-G-Z	3647	36		28	21		AIF31-M4-L12		100	30
	4847		47					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				220	65
	6279A		79	56	42			6		
	7879	78			47					78
	7879A				52					

Plug-in nylon hinge

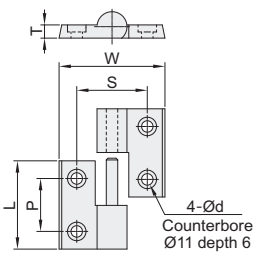
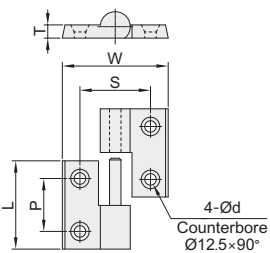
Code	AKQ52-B-Z
Type	Cone type
Material	PA
Color	Black

- 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.



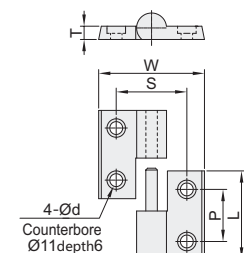
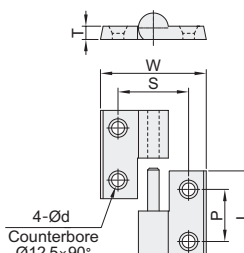
AKQ52-B-Z-L-3030

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

Plug-in nylon hinge

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



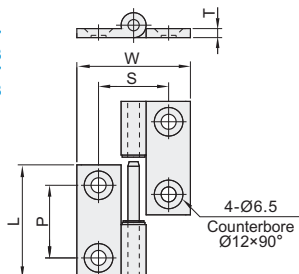
Please order as shown



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

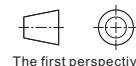
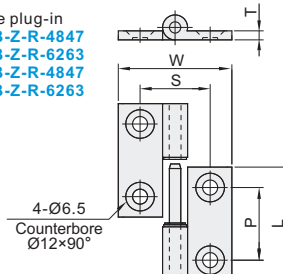
Left side plug-in
AKQ01-B-Z-L-4847
AKQ01-B-Z-L-6263
AKQ03-B-Z-L-4847
AKQ03-B-Z-L-6263



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



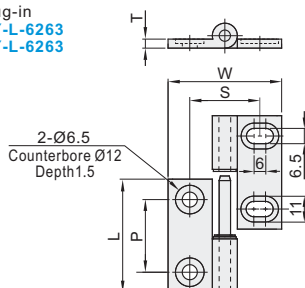
Part Number	W	L	P	S	T	Load (N)	Weight (g/pcs)
Code	No.						
AKQ01-B-Z-L	4847	48	47	28	31	150	36
	6263	62	63	37	36	180	58
AKQ03-B-Z-L	4847	48	47	28	31	150	36
	6263	62	63	37	36	180	58

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	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

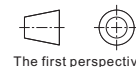
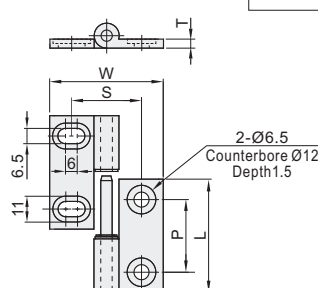
Left side plug-in
AKQ01-B-Y-L-6263
AKQ03-B-Y-L-6263



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

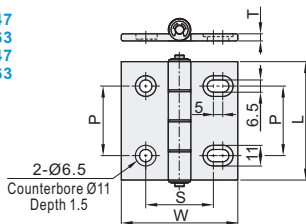


Part Number		W	L	P	S	T	Load(N)	Weight(g/pcs)
Code	No.							
AKQ01-B-Y-L	6263	62	63	37	36	4.1	180	58
AKQ01-B-Y-R								
AKQ03-B-Y-L								
AKQ03-B-Y-R								

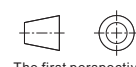
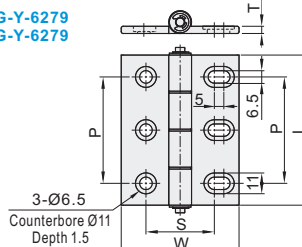
Fixed aluminum alloy hinge-waist hole type

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

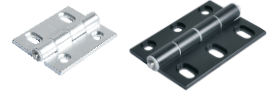
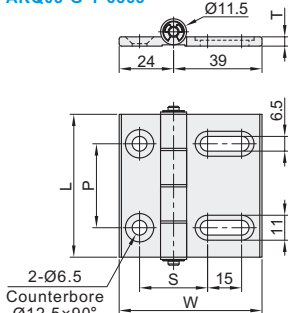
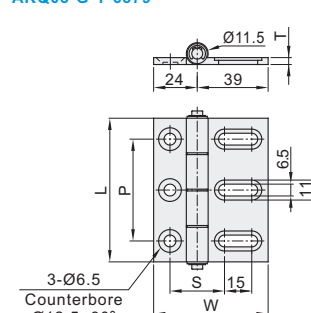
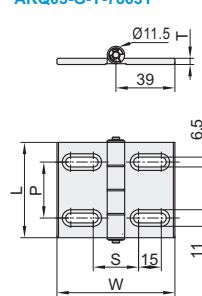
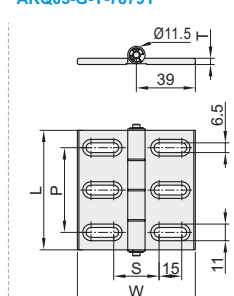


Part Number	W	L	P	S	T	Applicable Screws	Load (N)	Weight (g/pcs)
Code	No.					Number		
AKQ01-G-Y	6247	47	28				150	40
	6263	62	63	37	36	4	180	52
	6279	79	56			6	220	65

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

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

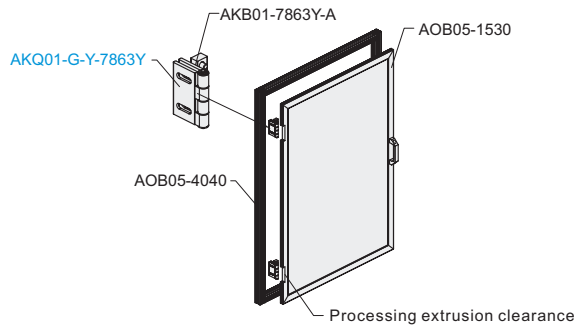

AKQ01-G-Y-6363
AKQ03-G-Y-6363

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

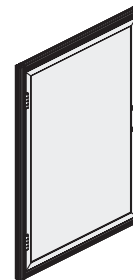
Part Number		W	L	P	S	T
Code	No.					
AKQ01-G-Y	7863Y	78	63	37	30	4.1
AKQ03-G-Y	7879Y		79	56		



Exploded drawing



Assembly drawing



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

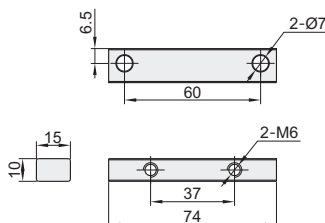


Cushion block

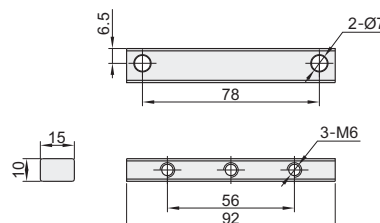
Code	Type	Material	Surface Treatment
AKB01-7863Y-A AKB01-7879Y-A	Cushion block	A6063-T5	Sandblasting Oxidation

- 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



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

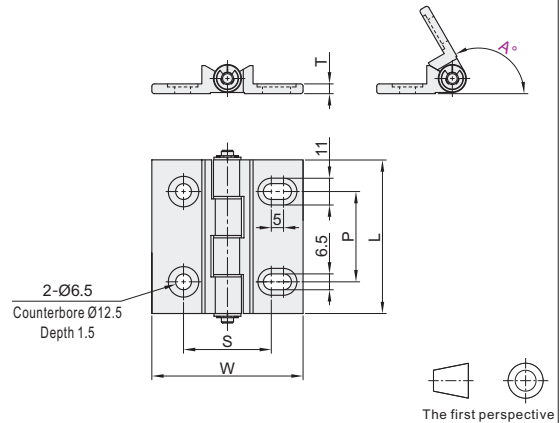
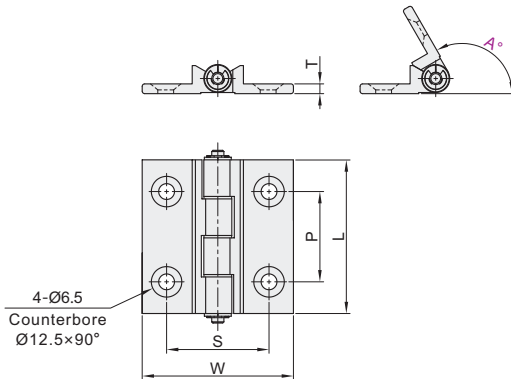
For the installation of the doors and windows, connect the door hinge and the extrusion with screws and nuts, can be limited at a fixed angle, easy to load and unload.



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



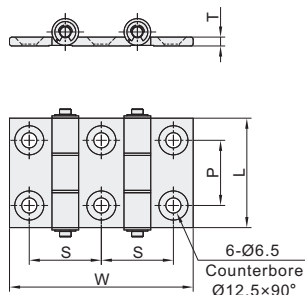
❑ Biaxial aluminum alloy hinge

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

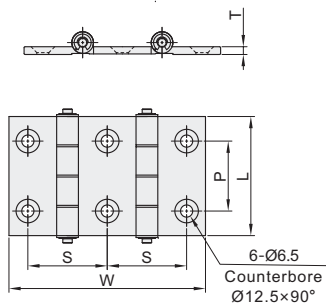
❑ Applied to install doors and windows on the both side of a extrusion.



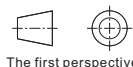
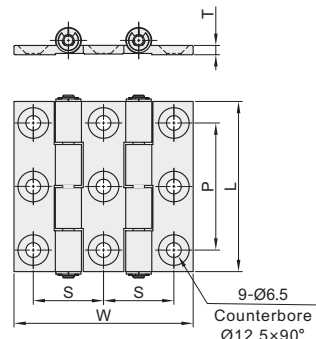
AKQ01-G-Z-LR-7947
AKQ01-G-Z-LR-9047
AKQ03-G-Z-LR-7947
AKQ03-G-Z-LR-9047



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



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

AKQ01-G-Z-LR — 9047

