

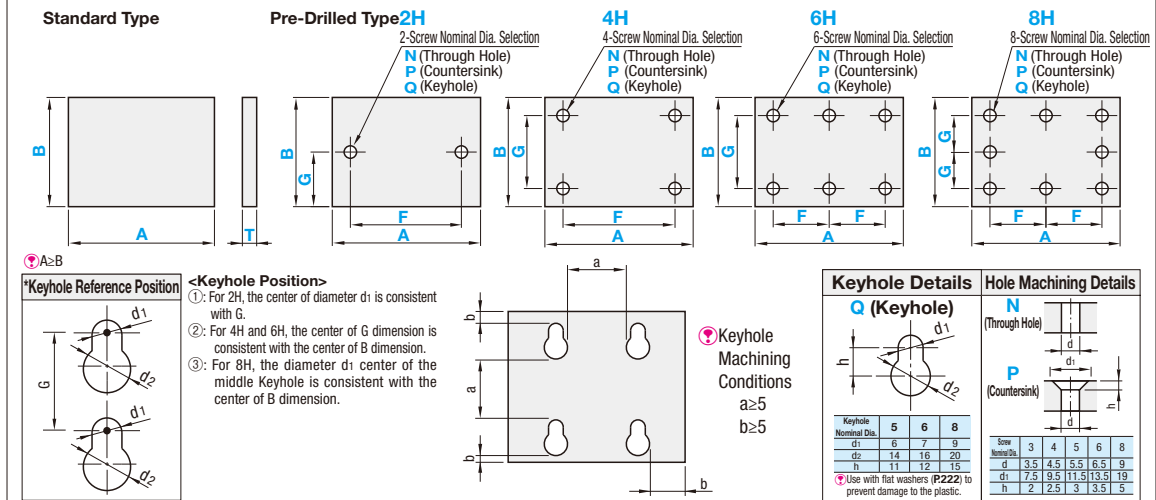
Acrylic Plates Economy / Curved Panels

Extruded Plates

MISUMI Acrylic Plates have two types: cast plates and extruded plates.
 Features of Extruded Plates: More inexpensive than cast plates. Cast Plates on P909. Excels in heat resistance and mechanical strength. For details of cast plates and extruded plates, see P895.

Type	Grade	Color	Light Transmittance	Operating Ambient Temperature
ACAE	Standard	Transparent	93%	-30~70°C
ACBAE	Standard	Smoke Brown	34%	-30~70°C
ACTAE	Antistatic	Transparent	87%	-30~60°C
ACBTAE	Antistatic	Smoke Brown	25%	-30~60°C

Accuracy Standards
 T Dimension Tolerance ±0.5
 Dimension Tolerance of A and B ±1.0



Standard Type				Pre-drilled Type			
Part Number	1mm Increment	T	Part Number	1mm Increment	T	Screw Nominal Dia.	
Type	A	B	Type	A	B	F	G
ACAE	300-1100	300-900	ACAE	300-1100	300-900	3	9~1091
ACBAE			5			5~895	
ACTAE	300-1100	300-900	ACTAE	300-1100	300-900	3	9~545
ACBTAE			5			9~445	

For plate thicknesses other than above, see P909-P912.
 Dimension F Specification Range: For 2H and 4H, $d(d1)+5 \leq F \leq A-d(d1)-5$; for 6H and 8H, $d(d1)+5 \leq F \leq A-d(d1)/2-2.5$.
 Dimension G Specification Range: For 2H, $d(d1)/2+2.5 \leq G \leq B-d(d1)/2-2.5$; for 4H and 6H, $d(d1)+5 \leq G \leq B-d(d1)-5$; for 8H, $d(d1)+5 \leq G \leq B/2-d(d1)/2-2.5$. (d for through hole, d1 for countersink.)

Ordering Example
 Part Number - A - B - T
 ACAE - 955 - 825 - 3

Pre-drilled Type
 Part Number - A - B - T - F - G - Screw Nominal Dia.
 ACAE6H - 800 - 400 - 3 - F250 - G355 - N3

Alterations
 Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC, CN, etc.)
 ACAE4H - 500 - 400 - 3 - F300 - G300 - N6 - XC15, YC35

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Alterations	Notching for Blind Joints of Aluminum Extrusions	Relief at Four Corners	Corner Radius	Corner Cut	Hole Position from Left	Hole Position from Bottom
Code	F, E, J, K	CN	CRA, CRB, CRC, CRD	CCA, CCB, CCC, CCD	XC	YC
Spec.	Machines relief for blind joints of aluminum extrusions. Thermal expansion of the plate is not taken into account. Longitudinal direction of notching is all on A dimension side. Ordering Code: F S 6	CN=1mm Increment Machines relief at four corners. 5≤CN≤50	Adds radius to any corner. R=5mm Increment (10≤A(B)-R(2R)) 5≤CRA, CRB, CRC, CRD≤100 Ordering Code: (Ex.) Adds R10 at the corner of A and C. CRA10, CRC10 Available for Standard Type only.	Cuts any corners. 5≤Corner Cut≤50 5mm Increment Ordering Code: (Ex.) When the corners of A and D are cut by CS → CCA5-CCD5 Available for Standard Type only.	XC = 1mm Increment 5≤XC≤1086 (2H, 4H Type) d(d1)/2+2.5≤XC≤A-F-d(d1)/2-2.5 (6H, 8H Type) d(d1)/2+2.5≤XC≤A-2F-d(d1)/2-2.5	YC = 1mm Increment 5≤YC≤886 (4H, 6H Type) (8H Type) d(d1)/2+2.5≤YC≤B-G-d(d1)/2-2.5 Not available for 2H.
Price Adder			5≤R≤20 25≤R≤50 55≤R≤100	5≤C≤20 25≤C≤50		

For Notching for Blind Joints of Aluminum Extrusion, see P896.

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Part Number	T	A	Unit Price					
			B300 400	B401 500	B501 600	B601 700	B701 800	B801 900
ACAE (transparent)	3	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
	5	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
ACBAE (Smoke Brown)	3	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
	5	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	

Part Number	T	A	Unit Price					
			B300 400	B401 500	B501 600	B601 700	B701 800	B801 900
ACTAE (transparent)	3	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
	5	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
ACBTAE (Smoke Brown)	3	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	
	5	300-400	-	-	-	-	-	
		401-500	-	-	-	-	-	
		501-600	-	-	-	-	-	
		601-700	-	-	-	-	-	
		701-800	-	-	-	-	-	

Pre-Drilled Type	Screw Nominal		
	N (Through)	P (Countersink)	Q (Keyhole)
2H			
4H			
6H			
8H			

Curved Panels RoHS10
 ACALMG (Acrylic, Transparent)
 ACBLMG (Acrylic, Smoke Brown)

Properties P895
 Operating Ambient Temperature: -30~80°C

Part Number	T	A	B	L	R*	S
ACALMG ACBLMG	5	200~700	200~700	200~1000	140	137.5

Fits in the slots of Curved Aluminum Extrusion HF5MG.
 P516, P556, P596
 Curved panel dimensions A and B are E/2 shorter than A and B dimension of HF5MG. (E: One side length of extrusion cross section)

Ordering Example
 Part Number - A - B - L - R
 ACALMG5 - A435 - B685 - L770 - R140

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Part Number	Type	T	A	B	Unit Price						
					L	R	S	T	U	V	
ACALMG ACBLMG	5		200-500	501-600	200-500	-	-	-	-	-	-
					501-600	-	-	-	-	-	-
					601-700	-	-	-	-	-	-
					701-800	-	-	-	-	-	-
					801-900	-	-	-	-	-	-
					901-1000	-	-	-	-	-	-

EX
 Curved Aluminum Extrusion (HF5MG)
 ACALMG

The panel is fixed by mounting panel clamps (P723) into the grooves.
 Be sure not to insert the panel clamp to the spot where the frame is bent.