

Aluminum Panels / Diamond Tread Plates

RoHS10

Type	M Material	S Surface Treatment
PAAL	A5052	Anodize
PAALC		-

Standard Type

PAAL
PAALC (Diamond Tread Plate)

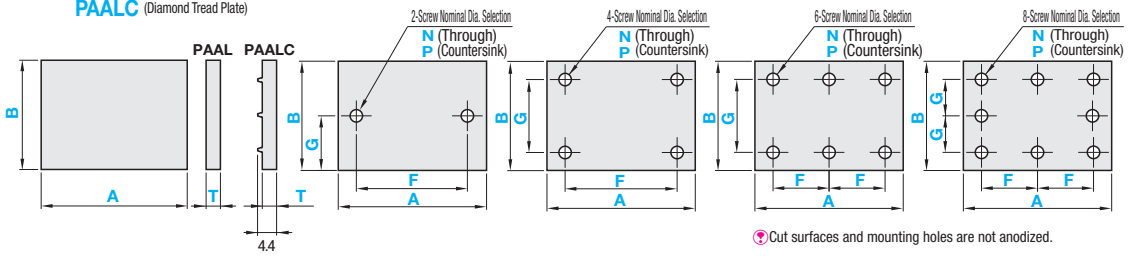
Hole Machined Type

2 Holes **2H**

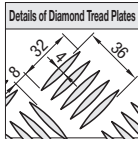
4 Holes **4H**

6 Holes **6H**

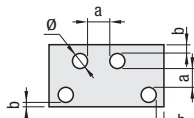
8 Holes **8H**



⚠ Cut surfaces and mounting holes are not anodized.



⚠ Fabricating Conditions of Round Holes → ± 0.25
Through Hole: d is applied for the \emptyset (hole dia.).
Countersink: d1 is applied for the \emptyset (hole dia.).



Hole Machining Details

	N (Through)	P (Countersink)
Screw Nominal Dia.	3, 4, 5, 6, 8	3, 4, 5, 6, 8
d	3.5, 4.5, 5.5, 6.5, 8.5	3.5, 4.5, 5.5, 6.5, 8.5
d1	7.5, -	11.5, -
h	2, -	3, -

Accuracy Standards

	T	1.0	1.5	2.0	3.0	5.0	3.2
• T Dimension Tolerance		± 0.06	± 0.09	± 0.09	± 0.10	± 0.12	± 0.2
• A, B Tolerance		± 1.0					

Standard Type

Part Number	1mm Increment		T Selection
	A	B	
PAAL	50~1200	50~1000	1.0
			1.5
			2.0
			3.0
PAALC (Diamond Tread Plate)			5.0
			3.2

Hole Machined Type

Part Number	1mm Increment		T Selection	1mm Increment		Screw Nominal Dia.		
	Nominal	A		B	F	G	N (Through)	P (Countersink)
PAAL	2H 4H 6H 8H	50~1200	50~1000	1.0	9~1191 (2H, 4H Type)	5~995 (2H Type)	3 4 5 6 8	-
				1.5				-
				2.0				3
				3.0				5
				5.0				8
				3.2				5
PAALC (Diamond Tread Plate)								



Ordering Example

Standard Type

Part Number - A - B - T
PAAL - 600 - 400 - 2.0

Hole Machined Type

Part Number - A - B - T - F - G - Screw Nominal Dia.
PAAL4H - 800 - 600 - 3.0 - F700 - G500 - N6

Allowable Load Reference of Aluminum Diamond Tread Plate PAALC

Supported on two edges of Length B.

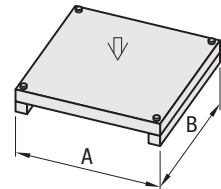


Plate Size		Load Reference	
A	B	N	kgf
600	300	215	22
600	450	321	33
600	600	428	44
450	300	508	52
450	450	761	78
300	300	1713	175