


Fluororesin Plates

Standard / Conductive

Fluororesin (equal to Teflon) excels in heat resistance and chemical resistance. Conductivity Grade is made from non-carbon antistatic materials. In addition to Standard Type, Conductive Grade for antistatic is also available.

*Details of color samples and features, see P.3070



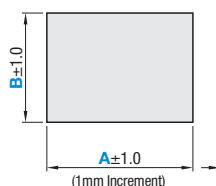
RoHS 10

Properties P.3069

Type	Grade	Color	Operating Ambient Temperature
PTFE	Standard	White	-40~250°C

Finish	4 Sides		Top / Bottom	
	Drilling Method	Finish Symbol	Drilling Method	Finish Symbol
Saw Cut	Saw Cut	✓	Material	—

Standard Type

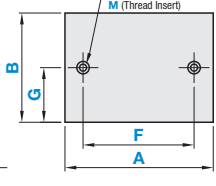


A±1.0
B±1.0
T

(1mm Increment)

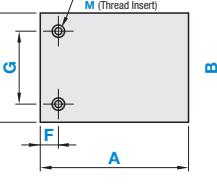
Pre-Drilled Type

2H 2 - Bolt Nominal Diameter Selection



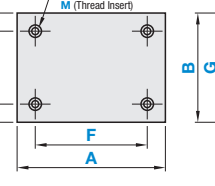
N (Through Hole)
Z (Counterbore)
M (Thread Insert)

2HL 2 - Bolt Nominal Diameter Selection



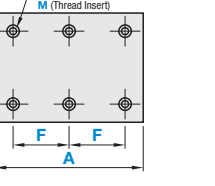
N (Through Hole)
Z (Counterbore)
M (Thread Insert)

4H 4 - Bolt Nominal Diameter Selection



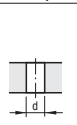
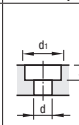

N (Through Hole)
Z (Counterbore)
M (Thread Insert)

6H 6 - Bolt Nominal Diameter Selection



N (Through Hole)
Z (Counterbore)
M (Thread Insert)

Drilling Details

N (Through hole)	Z (Counterbore Hole)	N (Through Hole) Z (Counterbored Hole) Details	M (Thread Insert)	Table 1 M (Thread Insert) Details																																																								
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Ordering Code: (Ex.) M4-L6
 Ⓢ L≤T-1 Ⓢ When L+5<T, drilled holes will be blind ones.

Hole Diameter	b (Min. value)
3-10	2.5

Material: Polytetrafluoroethylene Resin

Standard Type

Part Number	A	B	T
Type	1 mm Increment		
PTFE Standard	20-500	20-300	1 2 3 5 8 10 15 20 25 30

Ⓢ T dimension 1-5 have large camber.

T Dimension Tolerance, Rate of Camber & Torsion

T	T Dimension Tolerance	Rates of Camber & Torsion per 1,000 mm
1	±0.2	3.0% or less
2		
3		
5	±0.4	1.5% or Less
8		
10		
15	0~+2.0	1.0% or Less
20		
25		
30		

Dimensional Tolerances of A & B ±1.0

Pre-Drilled Type

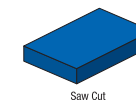
Part Number	A	B	T	F	G	Pre-Drilled Hole Nominal Diameter				
						Through Hole	Counterbore Hole	Thread Insert		
Type	Nominal	1 mm Increment		0.5 mm Increment		N	Z	M	L	
PTFE Standard	2H (Horizontal)	20-500	20-300	1 2 3	6-491.5 (2H, 4H)	4.5-295.5 (2H)	3	—	—	—
	5			4			—	3 4		
	8			5			3 4 5	3 4 5 6 8		
	10			6			4 5 6	3 4 5 6 8 10		
	15 20 25 30			8			4 5 6 8	3 4 5 6 8 10		

Select from Table 1

- Ⓢ Dimension F Specification Range: For 2H and 4H, $d(d_i)+2.5 \leq F \leq A-d(d_i)-5$; for 2HL, $d(d_i)/2+2.5 \leq F \leq A-d(d_i)/2-2.5$; for 6H, $d(d_i)+2.5 \leq F \leq (A-d(d_i)-5)/2$.
- Ⓢ Dimension G Specification Range: For 2H, $d(d_i)/2+2.5 \leq G \leq B-d(d_i)/2-2.5$. For 2HL, 4H and 6H, $(d_i)+2.5 \leq G \leq B-d(d_i)-5$. (d for through hole, thread insert, d_i for counterbore)
- Ⓢ For Pre-Drilled Type, select N (through hole) or Z (counterbore hole), for Thread Insert Type, select M (thread insert) or L (insertion length).
- Ⓢ PTFE may have camber as it is a soft material.

Fluororesin Plates

Standard / Conductive, continued



Part Number Example

PTFE - 100 - 50 - 5

Standard Type

Part Number - A - B - T

PTFE - 100 - 50 - 5

Pre-Drilled Type

Part Number - A - B - T - F - G - Bolt Nominal Diameter - L

PTFE4H - 200 - 200 - 10 - F180 - G180 - Z5

Part Number Alterations

PTFE2H - 200 - 100 - 3 - F100 - G50 - N3 - XC10

Alterations	Corner Radius	Corner Cut	Hole Position from Left	Hole Position from Bottom
	Code	CRA, CRB, CRC, CRD	CCA, CCB, CCC, CCD	XC
Spec.	Adds radius to any corner. R = 5 mm 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 Cuts≤50 Ⓢ 10≤A-C(2C) or B-C(2C) 5 mm Increment Ordering Code: (Ex.) When the corners of A and D are cut by C5→CCA5-CCD5 Ⓢ Available for Standard Type only.	XC = 0.5 mm Increment Ⓢ (2H, 4H Type) Ⓢ $d(d_i)/2+2.5 \leq XC \leq A-F-d(d_i)/2-2.5$ 5 mm Increment Ⓢ (6H Type) $d(d_i)/2+2.5 \leq XC \leq A-2F-d(d_i)/2-2.5$	YC = 0.5 mm Increment Ⓢ $d(d_i)/2+2.5 \leq YC \leq B-G-d(d_i)/2-2.5$ Ⓢ Not available for 2H