

Fluororesin Plates

Standard

Fluororesin (equal to Teflon) excels in heat resistance and chemical resistance.

* For Details of color samples and features, see P951.

Type	Grade	Color	Operating Ambient Temperature	4 Sides		Upper-lower Surface	
				Drilling Method	Finish Symbol	Drilling Method	Finish Symbol
PTFE	Standard	White	-40~250°C	Circular Sawing	✓	Material	~

PTFCA is available on our Website.

Standard Type

(1mm Increment)
A±1.0

Pre-drilled Type

2H

2-Screw Nominal Dia. Selection
N (Through Hole)
Z (Counterbore)
M (Threaded Insert)

2HL

2-Screw Nominal Dia. Selection
N (Through Hole)
Z (Counterbore)
M (Threaded Insert)

4H

4-Screw Nominal Dia. Selection
N (Through Hole)
Z (Counterbore)
M (Threaded Insert)

6H

6-Screw Nominal Dia. Selection
N (Through Hole)
Z (Counterbore)
M (Threaded Insert)

Hole Machining Details

N (Through Hole)	Z (Counterbore Hole)	M (Threaded Insert)																												
<table border="1"> <tr> <th>Screw Nominal Dia.</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>8</th> <th>10</th> </tr> <tr> <td>d</td> <td>3.5</td> <td>4.5</td> <td>5.5</td> <td>6.5</td> <td>9</td> <td>11</td> </tr> <tr> <td>d1</td> <td>6.5</td> <td>8</td> <td>9.5</td> <td>11</td> <td>14</td> <td>-</td> </tr> <tr> <td>h</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>9</td> <td>-</td> </tr> </table>			Screw Nominal Dia.	3	4	5	6	8	10	d	3.5	4.5	5.5	6.5	9	11	d1	6.5	8	9.5	11	14	-	h	4	5	6	7	9	-
Screw Nominal Dia.	3	4	5	6	8	10																								
d	3.5	4.5	5.5	6.5	9	11																								
d1	6.5	8	9.5	11	14	-																								
h	4	5	6	7	9	-																								

Ordering Code (Ex.) M4-L6
L≤T-1
When L+S-T, drilled holes will be blind ones.

Nominal Dia.	b (Min. Value)
3~10	2.5

Material: Polytetrafluoroethylene Resin

Standard Type

Part Number	A	B	T
Type	1mm Increment		Selectable
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 and Torsion

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

Dimension Tolerance of A and B ±1.0

Pre-drilled Type

Part Number	A	B	T	F	G	Pre-drilled Hole Nominal Dia.			
						Through Hole	Counterbore Hole	Threaded Insert	
Type	Number of Holes	1mm Increment	Selectable	0.5mm Increment		N	Z	M	L
PTFE (Standard)	2H (Horizontal) 2HL (Vertical) 4H 6H	20~500 20~300	1, 2, 3	6~491.5 (2H 4H)	4.5~295.5 (2H) 6~291.5 (2HL, 4H, 6H)	3	-	-	-
			5	4.5~495.5 (2HL)		4	-	3 4	-
			8	6~245.5 (6H)		5	3 4 5	3 4 5 6	-
			10			6	4 5 6	3 4 5 6 8	-
			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, $d(d_1)+2.5 \leq F \leq A-d(d_1)-5$; for 2HL, $d(d_1)/2+2.5 \leq F \leq A-d(d_1)/2-2.5$; for 6H, $d(d_1)+2.5 \leq F \leq (A-d(d_1)-5)/2$.
 Dimension G Specification Range: For 2H, $d(d_1)/2+2.5 \leq G \leq B-d(d_1)/2-2.5$; for 2HL, 4H and 6H, $d(d_1)+2.5 \leq G \leq B-d(d_1)-5$.
 (d for through hole and threaded insert, d1 for counterbore)
 For Pre-drilled Type, select N (through hole) or Z (counterbore hole); for Threaded Insert Type, select M (threaded insert) or L (insertion length).
 PTFE may have camber as it is a soft material.

Ordering Example

Standard Type	Pre-drilled Type
Part Number - A - B - T	Part Number - A - B - T - F - G - Screw Nominal Dia. - L
PTFE - 100 - 50 - 5	PTFE4H - 200 - 200 - 10 - F180 - G180 - Z5 PTFE2H - 230 - 130 - 25 - F80 - G50 - M8 - L12

Standard Type Unit Price

Part Number	T	A	Unit Price				
			20-50	51-100	101-150	151-200	201-250
PTFE	1	20-50	-	-	-	-	-
		51-100	-	-	-	-	-
		101-150	-	-	-	-	-
		151-200	-	-	-	-	-
		201-250	-	-	-	-	-
		251-300	-	-	-	-	-
	2	20-50	-	-	-	-	-
		51-100	-	-	-	-	-
		101-150	-	-	-	-	-
		151-200	-	-	-	-	-
		201-250	-	-	-	-	-
		251-300	-	-	-	-	-
	3	20-50	-	-	-	-	-
		51-100	-	-	-	-	-
		101-150	-	-	-	-	-
		151-200	-	-	-	-	-
		201-250	-	-	-	-	-
		251-300	-	-	-	-	-
	5	20-50	-	-	-	-	-
		51-100	-	-	-	-	-
		101-150	-	-	-	-	-
		151-200	-	-	-	-	-
		201-250	-	-	-	-	-
		251-300	-	-	-	-	-
	8	20-50	-	-	-	-	-
		51-100	-	-	-	-	-
		101-150	-	-	-	-	-
		151-200	-	-	-	-	-
		201-250	-	-	-	-	-
		251-300	-	-	-	-	-
10	20-50	-	-	-	-	-	
	51-100	-	-	-	-	-	
	101-150	-	-	-	-	-	
	151-200	-	-	-	-	-	
	201-250	-	-	-	-	-	
	251-300	-	-	-	-	-	

Hole Machining Charge

Pre-drilled Type	Hole Machining Charge		
	N (Through)	Z (Counterbore Hole)	M (Threaded Insert)
2H, 2HL			
4H			
6H			

Price Calculation Method for Pre-drilled Type

The prices of Pre-drilled Type and Threaded Insert Type are Standard Type Unit Price plus Hole Machining Charge or Threaded Insert Machining Charge, respectively.
 (Ex.) Part Number - A - B - T - F - G - Screw Nominal Dia. >> (Standard Type Unit Price) + (Hole Machining Charge) = Pre-drilled Type Price
 PTFE4H - 300 - 200 - 10 - F240 - G160 - N8

Alterations

Part Number	A	B	T	F	G	Screw Nominal Dia.	(XC, YC, CRA ...etc.)
PTFE2H	- 200	- 100	- 3	- F100	- G50	- N3	- XC10
PTFE	- 100	- 50	- 8	-	-	-	- CRA10 - CRB10

Alterations	Corner Radius	Corner Cut	Hole Position from Left	Hole Position from Bottom
Code	CRA, CRB, CRC, CRD	CCA, CCB, CCC, CCD	XC	YC
Spec.	Adds radius to any corner. R = 5mm Increment 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 C5 → CCA5-CCD5 Available for Standard Type only.	XC = 0.5mm Increment (2H, 4H Type) $d(d_1)/2+2.5 \leq XC \leq A-F-d(d_1)/2-2.5$ (6H Type) $d(d_1)/2+2.5 \leq XC \leq A-2F-d(d_1)/2-2.5$	YC = 0.5mm Increment $d(d_1)/2+2.5 \leq YC \leq B-G-d(d_1)/2-2.5$ Not available for 2H.