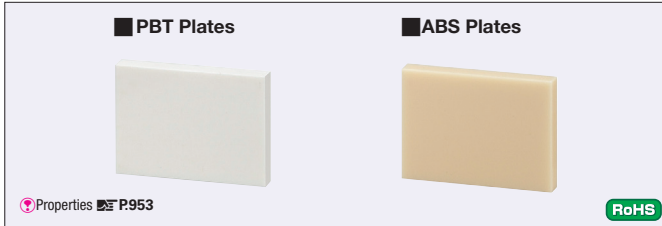
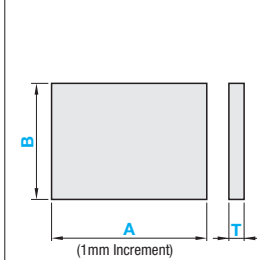


* For Details of color samples and features, see **P.951**.

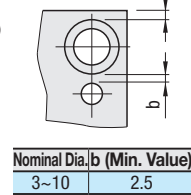
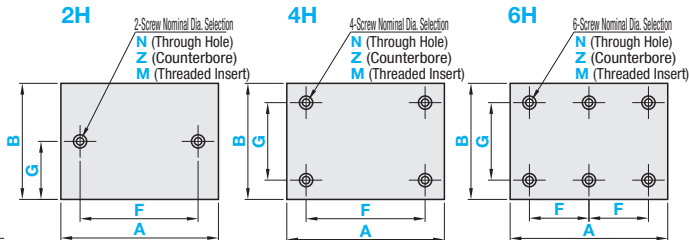
Type	Material	Color	Operating Ambient Temperature
NPBT	PBT	White	Ambient Temp. ~ 120°C
NABS	ABS	Natural Color	Ambient Temp. ~ 50°C



■ **Standard Type**



■Pre-drilled Type



Hole Machining Details

N (Through Hole) Z (Counterbore Hole) N (Through Hole), Z (Counterbore Hole) Details							M (Threaded Insert)							Table 1 M (Threaded Insert) Details																																																												
																																																																										
<table border="1"> <thead> <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> </thead> <tbody> <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>d_i</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> </tbody> </table>							Screw Nominal Dia.	3	4	5	6	8	10	d	3.5	4.5	5.5	6.5	9	11	d _i	6.5	8	9.5	11	14	-	h	4	5	6	7	9	-	<table border="1"> <thead> <tr> <th>Screw Nominal Dia.</th><th>3</th><th>3.5</th><th>4.5</th><th>5.5</th><th>6.5</th><th>8</th><th>9</th><th>11</th></tr> </thead> <tbody> <tr> <td>d</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7.5</td><td>9</td><td>12</td><td>15</td></tr> <tr> <td>L</td><td>6</td><td>8</td><td>10</td><td>12</td><td>16</td><td>20</td><td>-</td><td>-</td></tr> </tbody> </table>													Screw Nominal Dia.	3	3.5	4.5	5.5	6.5	8	9	11	d	3	4	5	6	7.5	9	12	15	L	6	8	10	12	16	20	-	-
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L	6	8	10	12	16	20	-	-																																																																		
							Ordering Code (Ex.) M4-M6 ⚠ L ≤ T-1 ⚠ When L > T, drilled holes will be blind ones.																																																																			

Finish	4 Sides		Upper-lower Surface	
	Drilling Method	Finish Symbol	Drilling Method	Finish Symbol
Circular Sawing	Circular Sawing	✓	Material	~

M Material PBT Plate: Polybutylene Terephthalate, ABS Plate: Acrylic Nitrile, Butadiene, Styrene

■ **Standard Type**

Part Number	A	B	T
Type	1mm Increment		Selectable
NPBT (PBT Plates)	20~300	20~300	10, 15, 20
NABS (ABS Plates)	20~500	20~400	5, 6, 8, 10, 15, 20

- T Dimension Tolerance, Rate of Camber and Torsion

T	T Dimension Tolerance		Rate of Camber and Torsion per 1,000mm	
	NPBT	NABS	NPBT	NABS
5	-	±0.5	-	1.5% or Less
6				
8				
10	0~+1.5	±0.8	1.5% or Less	1.0% or Less
15	0~+2.5	0~+2.5	1.0% or Less	
20				

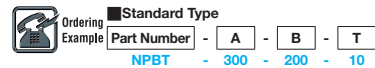
- Dimension Tolerance of A and B

A, B	A, B Dimension
Unit: mm	Tolerance
~99	±0.5
100~250	±0.75
251~	±1.0

■ Pre-drilled Type

Part Number		A	B	T	F	G	Pre-drilled Hole Nominal Dia.			
Type	Number of Holes	1mm Increment		Selectable	0.5mm Increment		Through Hole	Counterbore Hole	Threaded Insert	
							N	Z	M	L
NPBT (PBT Plates)	2H 4H 6H	20~300	20~300	10	6~291.5 (2H, 4H) 6~145.5 (6H)	4.5~295.5 (2H) 6~291.5 (4H, 6H)	3 4 5 6 8 10	4 5 6	3 4 5 6 8	(Threaded Insert Length) Select from Table 1
				15				4 5 6 8	3 4 5 6 8 10	
				20				4 5 6 8	3 4 5 6 8 10	
NABS (ABS Plates)		20~500	20~400	5	6~491.5 (2H, 4H) 6~245.5 (6H)	4.5~395.5 (2H) 6~391.5 (4H, 6H)		-	3 4	
				6				3	3 4 5	
				8				3 4 5	3 4 5 6	
				10				3 4 5 6	3 4 5 6 8	
				15				4 5 6 8	3 4 5 6 8 10	
				20				4 5 6 8	3 4 5 6 8 10	

(d for through hole and threaded insert, d₁ for counterbore)
 (d for Pre-drilled Type, select N (through hole) or Z (counterbore hole); for Threaded Insert Type, select M (threaded insert) or L (insertion length))



■ **Pre-drilled Type**

Part Number	A	B	T	F	G	Screw Nominal Dia.	L
NPBT2H	200	100	15	F50	G30	N5	
NABS2H	180	100	10	F80	G60	M5	L5

Standard Type Unit Price (NPBT)

Type	T	A	Unit Price					
			B					
			20 i 50	51 i 100	101 i 150	151 i 200	201 i 250	251 i 300
NPBT	10	20-50		-	-	-	-	-
		51-100		-	-	-	-	-
		101-150				-	-	-
		151-200					-	-
		201-250						-
		251-300						-
	15	20-50		-	-	-	-	-
		51-100				-	-	-
		101-150				-	-	-
		151-200					-	-
		201-250						-
		251-300						-
	20	20-50		-	-	-	-	-
		51-100			-	-	-	-
		101-150				-	-	-
		151-200					-	-
		201-250						-
		251-300						-

Standard Type Unit Price (NABS)

Type	T	A	Unit Price							
			B							
			20 1 50	51 1 100	101 1 150	151 1 200	201 1 250	251 1 300	301 1 350	351 1 400
NABS	5	20-50		-	-	-	-	-	-	-
		51-100				-	-	-	-	-
		101-150				-	-	-	-	-
		151-200					-	-	-	-
		201-250						-	-	-
		251-300							-	-
		301-350								-
		351-400								
		401-450								
	451-500									
	6	20-50		-	-	-	-	-	-	-
		51-100			-	-	-	-	-	-
		101-150				-	-	-	-	-
		151-200					-	-	-	-
		201-250						-	-	-
		251-300							-	-
		301-350								-
		351-400								
		401-450								
	451-500									
	8	20-50		-	-	-	-	-	-	-
		51-100			-	-	-	-	-	-
		101-150				-	-	-	-	-
		151-200					-	-	-	-
		201-250						-	-	-
		251-300							-	-
		301-350								-
		351-400								
		401-450								
	451-500									
	10	20-50		-	-	-	-	-	-	-
		51-100			-	-	-	-	-	-
		101-150				-	-	-	-	-
		151-200					-	-	-	-
		201-250						-	-	-
		251-300							-	-
		301-350								-
		351-400								
		401-450								
	451-500									
15	20-50		-	-	-	-	-	-	-	
	51-100			-	-	-	-	-	-	
	101-150				-	-	-	-	-	
	151-200					-	-	-	-	
	201-250						-	-	-	
	251-300							-	-	
	301-350								-	
	351-400									
	401-450									
451-500										
20	20-50		-	-	-	-	-	-	-	
	51-100			-	-	-	-	-	-	
	101-150				-	-	-	-	-	
	151-200					-	-	-	-	
	201-250						-	-	-	
	251-300							-	-	
	301-350								-	
	351-400									
	401-450									
451-500										

■Hole Machining Charge

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

■ Price Calculation Method for Pre-drilled Type

Pre-drilled Type Price = Standard Type Unit Price + Hole Machining Charge

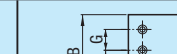
(Ex.) **Part Number** - **A** - **B** - **T** - **F** - **G** - **Screw Nominal Dia.** >>
NPBT2H - **300** - **200** - **10** - **F200** - **G100** - **Z6**
 (Standard Type Unit Price) + (Hole Machining Charge) = Pre-drilled Type Price



Alterations

Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC, CRA ...etc.)

NPBT	- 200	- 100	- 15				- CRA10 - CRB10
NABS4H	- 200	- 200	- 8	- F100	- G140	- Z4	- XC10

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 ⚡10≤A(B)-R(2R) ⚡5≤CRA, CRB, CRC, CRD≤100 <u>Ordering Code</u> (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 <u>Ordering Code</u> (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(d1)/2+2.5≤XC≤A-F-d(d1)/2-2.5 (6H Type) d(d1)/2+2.5≤XC≤A-2F-d(d1)/2-2.5	YC = 0.5mm Increment ⚡d(d1)/2+2.5≤YC≤B-G-d(d1)/2-2.5 ⚡Not available for 2H.