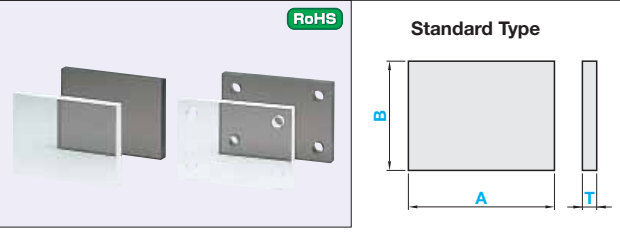


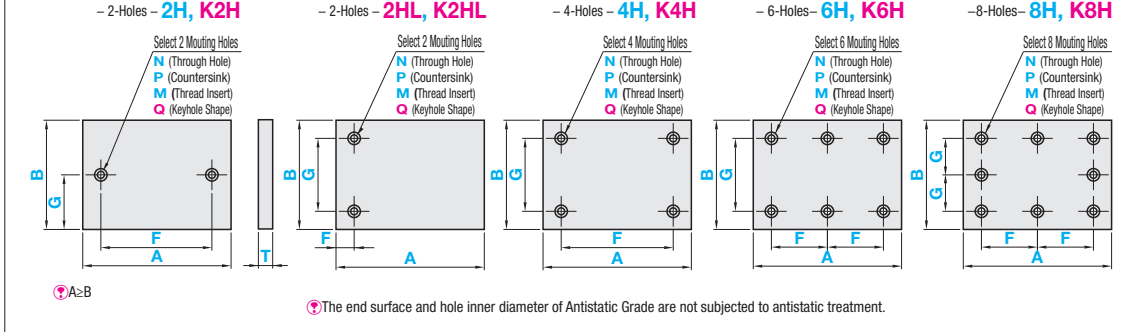
As of April 30, 2009, a few products on this page have been discontinued. [CLICK HERE](#) for a complete list of discontinued products.

Type	Grade	Color	Light transmission	Ambient Operating Temperature
PYA	Standard	Transparent	87%	-15~55°C
PYBA	Standard	Smoke Brown	28%	
PYTA	Antistatic	Transparent	77%	
PYBTA	Antistatic	Smoke Brown	30%	



Properties P.2553

Hole Type, Thread Insert Type



The end surface and hole inner diameter of Antistatic Grade are not subjected to antistatic treatment.

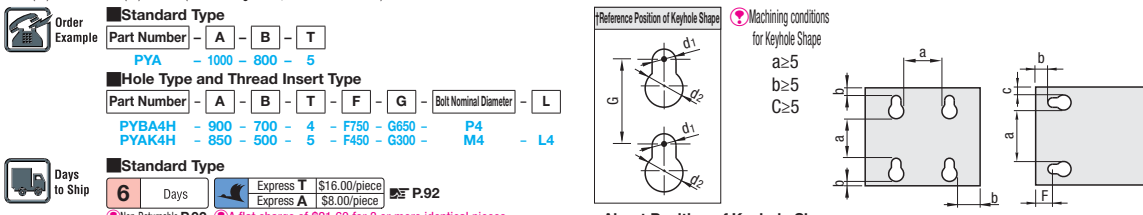
Part Number	1mm Increment		T		
	A	B	PYA	PYBA	PYTA PYBTA
PYA PYBA PYTA PYBTA	20~100	20~90	1 2 3 4 5	3 4 5	3 5

Precision Standards			
• T Dimension Tolerance			
T	1	2-3	4-5
	±0.15	±0.2	±0.3

Hole Machining Details		Details of Keyhole Shape		Thread Insert Machining Details	
N (Through Hole)	P (Countersink)	Q (Keyhole Shape)	M (Thread Insert)	Table 1	
				Bolt Nominal Diameter	3 4
				d	3.5 4.5
				L	3 4

Hole Type and Thread Insert Type												
Part Number	1mm Increment	T			0.5mm Increment	Bolt Nominal Diameter			Thread Insert Bolt Nominal Diameter			
		A	B	F		G	N (Through Hole)	P (Countersink)	Q (Keyhole Shape)	M (Thread Insert)	L (Insert Length)	
PYA PYBA PYTA PYBTA	20~100	20~90	1	-	-	9~1091 (2-Hole and 4-Hole Type)	3	-	-	-	Select from Table 1	
			2	-	-		4	-	-	-		
			3	3	3		5	3	5	6		3
			4	4	-		6	3 4 5	6	8		3
			5	5	5		8	3 4 5 6	3	4		3

F Dimension Range: For 2H, 2HL and 4H, $d(d_1)+5 \leq F \leq A-d(d_1)-5$; for 6H and 8H, $d(d_1)+5 \leq F \leq A/2-d(d_1)/2-2.5$.
 G Dimension Range: For 2H and 2HL, $d(d_1)/2+2.5 \leq G \leq B-d(d_1)/2-2.5$; for 4H and 6H, $d(d_1)+5 \leq G \leq B-d(d_1)-5$; for 8H, $d(d_1)+5 \leq G \leq B/2-d(d_1)/2-2.5$. (d for through hole, d_1 for countersink)



<About Position of Keyhole Shape>
 (1) When 2H, the diameter d_1 center of keyhole shape is consistent with the value of G.
 (2) When 4H - 6H, the center of G dimension is consistent with the center of B dimension.
 (3) When 8H, the diameter d_1 center of the middle keyhole shape is consistent with the center of B dimension.
 (4) When 2HL, keyhole shape turn sideways and the diameter d_1 center of keyhole shape is consistent with the value of F.

Alterations Part Number - [A] - [B] - [T] - [F] - [G] - Bolt Nominal Diameter - (XC, YC, CRA...etc.) - [CRA, CRB, CRC, CRD] 8 Days
 Alterations PYA4H - 200 - 100 - 4 - F160 - G50 - N6 - YC35
 Alterations PYA - 100 - 80 - 3 - CRA10-CRC10

Alterations	Hole Position from Left	Hole Position from Bottom	Corner Radius
	Code	XC	YC
Details	XC=1 mm Increment 5 ≤ XC ≤ 1086 (2H, 4H Type) $d(d_1)/2+2.5 \leq XC \leq A-F-d(d_1)/2-2.5$ (6H - 8H Type) $d(d_1)/2+2.5 \leq XC \leq A-2F-d(d_1)/2-2.5$ Not applicable to 2HL and K2HL Type. Not applicable to Q (Keyhole Shape).	YC=1 mm Increment 5 ≤ YC ≤ 886 $d(d_1)/2+2.5 \leq YC \leq B-G-d(d_1)/2-2.5$ Not applicable to 2H, 2HL, K2H and K2HL. Not applicable to Q (Keyhole Shape).	Adds radius to any corner. Applicable to T3 - T5 only. R=5mm Increment 10 ≤ A(B) - R(2R) 5 ≤ CRA · CRB · CRC · CRD ≤ 100 Ordering Code (Ex.) Adds R10 at the corner between A and C. CRA10-CRC10 Available for Standard Type only.
	PriceAdder	4.00	4.00

Price The product price is the price shown in the table multiplied by the material rate.
 (Ex.) Part Number - [A] - [B] - [T] (Price in the table) x (Material Rate) = Standard Type Unit Price
 PYTA - 500 - 400 - 5 14.90 x 5.0 = \$74.50

Part Number	T	A	Unit Price Qty. 1~50									
			B									
			20~100	101~200	201~300	301~400	401~500	501~600	601~700	701~800	801~900	
PYA	1	20-100	0.70	-	-	-	-	-	-	-	-	
		101-200	1.20	2.40	-	-	-	-	-	-	-	
		201-300	1.60	3.10	4.30	-	-	-	-	-	-	
		301-400	2.20	3.90	4.80	5.90	-	-	-	-	-	
		401-500	2.60	5.20	6.10	9.00	9.50	-	-	-	-	
	2	501-600	3.00	6.00	7.30	10.80	11.50	13.70	-	-	-	
		601-700	3.60	6.80	8.40	12.60	13.40	15.90	18.70	-	-	
		701-800	4.00	7.80	9.70	14.40	15.30	18.30	21.20	24.30	-	
		801-900	4.20	8.40	10.90	16.20	17.10	20.50	23.90	27.30	30.60	
		901-1000	4.60	9.00	12.00	17.80	19.00	22.70	26.50	30.20	34.00	
PYA	3	1001-1100	5.20	10.00	13.30	19.60	21.00	25.10	29.20	33.30	37.40	
		20-100	1.00	-	-	-	-	-	-	-	-	
		101-200	2.20	2.80	-	-	-	-	-	-	-	
		201-300	2.80	3.20	5.20	-	-	-	-	-	-	
		301-400	3.40	5.00	6.10	9.80	-	-	-	-	-	
	4	401-500	4.80	7.60	7.50	11.00	12.40	-	-	-	-	
		501-600	5.20	9.00	9.10	12.10	13.90	16.60	-	-	-	
		601-700	5.60	10.40	10.60	13.30	15.40	18.50	20.70	-	-	
		701-800	6.00	12.00	12.20	14.50	16.90	20.40	23.00	25.60	-	
		801-900	6.60	13.00	13.60	15.70	18.40	22.30	25.20	28.10	31.00	
PYA	5	901-1000	7.00	14.00	15.30	16.90	19.80	24.30	27.50	30.70	33.90	
		1001-1100	7.80	15.40	16.70	19.10	22.70	27.80	31.60	35.40	39.20	
		20-100	1.40	-	-	-	-	-	-	-	-	
		101-200	2.50	3.10	-	-	-	-	-	-	-	
		201-300	2.90	3.40	6.00	-	-	-	-	-	-	
	PYBA	4	301-400	3.20	6.00	9.40	8.90	-	-	-	-	
			401-500	5.20	9.60	10.80	11.00	14.00	-	-	-	
			501-600	6.00	11.60	12.90	13.30	16.60	20.10	-	-	
			601-700	6.80	13.40	15.10	15.60	19.60	23.40	27.50	-	
			701-800	7.80	15.20	17.40	17.80	22.40	26.70	31.30	35.80	
PYBTA	4	801-900	8.40	16.60	19.40	20.10	25.20	30.10	33.50	38.80	44.00	
		901-1000	9.00	17.80	21.60	22.20	28.00	33.40	39.20	44.70	50.40	
		1001-1100	10.00	19.60	23.90	24.50	31.00	36.90	43.20	49.30	52.50	
		20-100	1.70	-	-	-	-	-	-	-	-	
		101-200	2.90	3.60	-	-	-	-	-	-	-	
PYA	5	201-300	3.40	4.00	7.50	-	-	-	-	-		
		301-400	3.90	7.40	9.70	12.90	-	-	-	-		
		401-500	6.60	11.60	12.20	14.90	17.40	-	-	-		
		501-600	7.40	13.00	14.50	15.80	19.80	24.30	-	-		
		601-700	8.40	16.20	17.10	18.80	22.30	27.50	31.20	-		
	PYBA	5	701-800	9.40	18.20	19.40	20.80	24.80	30.70	34.90	39.20	
			801-900	10.20	19.80	21.90	22.80	27.20	33.90	37.00	43.50	48.30
			901-1000	11.00	21.40	24.40	24.80	29.70	37.10	42.40	47.80	53.10
			1001-1100	12.20	23.60	26.80	28.50	34.40	43.00	49.30	55.60	62.00

Hole Machining Charge				Thread Insert Machining Charge	
Hole Machining Type	Bolt Nominal			Thread Insert Type	Bolt Nominal
	N (Through Hole)	P (Countersink)	Q (Keyhole Shape)	K2H, K2HL	M (Thread Insert)
2H, 2HL	\$3.00	\$4.00	\$10.00		\$6.20
4H	\$6.00	\$8.00	\$20.00	K4H	\$12.40
6H	\$9.00	\$12.00	\$30.00	K6H	\$15.40
8H	\$12.00	\$16.00	\$40.00	K8H	\$21.00

The prices of Hole Type and Thread Insert Type are Standard Type Unit Price plus Hole Machining Charge or Thread Insert Machining Charge, respectively.
 (Ex.) Part Number - [A] - [B] - [T] - [F] - [G] - Bolt Nominal Diameter (Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price
 PYBA4H - 500 - 400 - 4 - F240 - G160 - N8 14.30 (11.00x1.3) + 6.00 = \$20.30