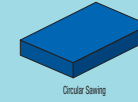


Epoxy Glass Plates

Standard / High Temperature Grade



Epoxy Glass has high strength and excels in heat resistance and moisture resistance. Standard Type excels in insulation and High Temperature Grade in antistatic effect.

* For Details of color samples and features, see P951



RoHS

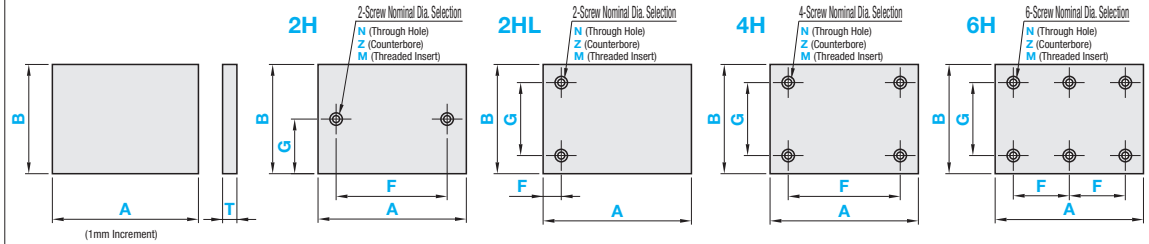
Type	M Grade	Color	Operating Ambient Temperature
EPXA	Standard	Green	Ambient Temperature ~ 155°C
EPXAR	High Temperature	Black	Ambient Temperature ~ 260°C

T	Dimension Tolerance, Rate of Camber and Torsion		A-B	A, B Dimension Tolerance
	EPXA	EPXAR		
3	±0.35	±0.1	~99	±0.5
4	±0.40		100~250	±0.75
5	±0.55		251~	±1.0
6	±0.60		1.2% or Less	
8	±0.70		1.0% or Less	
10	±0.80		0.6% or Less	
12	±0.90		0.5% or Less	
15	±1.10		0.4% or Less	
20	±1.30		0.2% or Less	

Properties P.955
High Temperature Grade EPXAR excels in antistatic effect.

Standard Type

Pre-drilled Type



A: B (1mm Increment) Material: Epoxy Glass

Standard Type

Part Number	A	B	T Selection
EPXA (Standard)	20~800	20~600	3, 4, 5, 6, 8, 10, 12, 15, 20
EPXAR (High Temperature)			3, 4, 5, 6, 8, 10

Hole Machining Details		Threaded Insert Machining Details				
N (Through Hole)	Z (Counterbore Hole)	M (Threaded Insert)				
Table 1						
Screw Nominal Dia.						
d	3.5	4.5	5.5	6.5	8	10
d1	6.5	8	9.5	11	14	-
L	4.5	6	7.5	9	12	15
h	4	5	6	7	9	-

Ordering Code (Ex.) M4-L6
L<T-1
For details of threaded insert HLTS, see P271.
When L+5<T, drilled holes will be blind ones.

Pre-drilled Type

Part Number	A	B	T Selection	F	G	Pre-drilled Hole Nominal Dia.						
						Through Hole	Counterbore Hole	Threaded Insert				
EPXA (Standard)	2H (Horizontal) 2HL (Vertical)	20~800	20~600	6~791.5 (2H, 4H)	4.5~595.5 (2H)	3	-	-	-	-		
							4	3	4	-		
							5	3	4	-		
							6	3	4	5		
							8	3	4	5	6	
							10	3	4	5	6	8
							12	3	4	5	6	8
EPXAR (High Temperature)	4H 6H	20~800	20~600	6~395.5 (6H)	6~591.5 (2HL, 4H, 6H)	10	4	5	6	8		
							4	5	6	8		
							4	5	6	8		
							4	5	6	8		

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).

Ordering Example
Standard Type
Part Number - A - B - T
EPXAR - 100 - 55 - 10

Alterations
Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC)
EPXA2H - 50 - 40 - 5 - F10 - G20 - N3 - XC10

Alterations	Hole Position from Left	Hole Position from Bottom
Code	XC	YC
Spec.	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 $d(d_1)/2+2.5 \leq YC \leq B-d(d_1)/2-2.5$ Not available for 2H.

T	A	Unit Price																			
		20	51	101	151	201	251	301	351	401	451	501	551								
3	EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600								
	EPXAR (x3.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600								
		4	EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600						
			EPXAR (x3.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600						
				5	EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600				
					EPXAR (x3.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600				
						6	EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600		
							EPXAR (x3.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600		
								8	EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600
									EPXAR (x3.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600
20										EPXA (x1.0)	20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550
	EPXAR (x3.0)									20-50	51-100	101-150	151-200	201-250	251-300	301-350	351-400	401-450	451-500	501-550	551-600

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

The product price is the price shown in the table by the material multiplier.
(Ex.) Part Number - A - B - T >> (Price in the Table) × (Material Multiplier) = Standard Type Unit Price
EPXAR - 300 - 200 - 10 >>

Price Calculation Method for Pre-drilled Type
(Ex.) Part Number - A - B - T - F - G - Screw Nominal Dia. >> (Standard Type Unit Price) + (Hole Machining Charge) = Pre-drilled Type Price
EPXA4H - 300 - 200 - 10 - F20 - G160 - Z6 >>
Part Number - A - B - T - F - G - Screw Nominal Dia. - L >> (Standard Type Unit Price) + (Threaded Insert Machining Details) = Threaded Insert Type Unit Price
EPXA6H - 700 - 300 - 10 - F20 - G200 - M5 - L5 >>