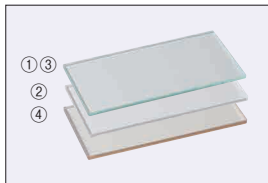


Square Glass Plates

- Float Transparent Glass excels in smoothness and has little distortion. Heat Resistant Glass (TEMPAX Float®) excels in heat and impact resistance. Reinforced Glass has 3 to 5 times higher static strength compared to general glass with the same thickness.
- Heat-resistant Crystallized Glass which has excellent heat resistant and strength is also available.

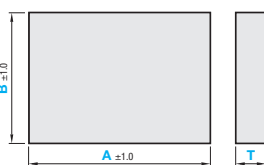


No.	Configurable Type	Fixed Dimension Type	Material	Heat-resistant Temperature	
				Continuous Use	Max.
①	FGLKF	GLKF	Float Transparent Glass (Soda-lime glass)	100 deg.	380 deg.
②	FGLKH	GLKH	Heat-resistant Glass (TEMPAX Float®)	250 deg.	450 deg.
③	-	GLKK	Reinforced Glass	210 deg.	250 deg.
④	FGLKR	-	Heat-resistant Crystallized Glass (Nextrema®)	700 deg.	850 deg.

T Tolerance		
Type	T	Tolerance
GLKF GLKK FGLKF FGLKR	3, 5	±0.3
	8	±0.6
GLKH FGLKH	3.3, 5, 6.5	±0.2
	8, *10	±0.4

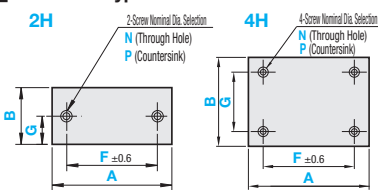
- ⚠ Heat resistant temperature will be largely varied depending on the operating condition. Values are not guaranteed.
- ⚠ Cannot be used for Class-1 pressure vessels, Class-2 pressure vessels, or equipment specifically for high pressure gas.

Standard Type Dimension Standard / Configurable

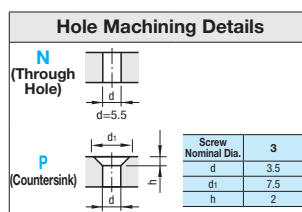


⚠ A>B Circumference Chamfering C0.3 ~ 1.0

Pre-drilled Type



⚠ Keep a dimension of 5mm or more between hole end and glass end.



Configurable Type

Part Number Type	T	1mm IncrementmmUnit	
		A	B
FGLKF (Float Transparent Glass)	3	20~500	20~500
	5		
	8		
FGLKH (Heat-resistant Glass)	3.3		
	5		
	6.5		
	8		
	*10		
FGLKR (Heat-resistant Crystallized Glass)	3		
	5		

Fixed Dimension Type

Part Number Type	T	A B	
		Selectable	Selectable
GLKF (Float Transparent Glass)	3	50	50
		100	50 100
		150	100 150
	5	200	150
		100	50 100
		150	150
GLKH (Heat-resistant Glass)	3.3	50	50
		100	50 100
		150	100 150
	5	200	200
		50	50
		100	50 100
	3	150	100 150
		200	200
		50	50
GLKK (Reinforced Glass)	3	100	50 100
		150	100 150
		200	200
	5	250	150 250
		300	100 250 300
		200	200

4-side Milled Type (A, B Dimension Tolerance ±0.2)

Part Number Type	Finish Selection	T	1mm IncrementmmUnit	
			A	B
FGLKF (Float Transparent Glass)	4F	3	20~500	20~500
		5		
		8		
FGLKH (Heat-resistant Glass)		3.3		
		5		
		6.5		
		8		
		*10		
FGLKR (Heat-resistant Crystallized Glass)		3		
		5		

⚠ * FGLKH (heat resistant glass) with the part number T10 has an actual size of 10.2.

Pre-drilled Type

Part Number Type	Number of Holes	T Selection	1mm IncrementmmUnit				Screw Nominal Dia. Selection		
			A	B	F	G	N (Through)	P (Countersink)	
FGLKF (Float Transparent Glass)	2H	3	30~500	30~500	13~450	13~450	5	3	
		5							
FGLKH (Heat-resistant Glass)		3.3							
		5							
FGLKR (Heat-resistant Crystallized Glass)		4H							3
									5

Heat-resistant Glass (TEMPAX Float®):

Borosilicate Glass with both surfaces finished flat and smooth by the Float method. Has high optical transparency and excels in optical quality such as the distortion free property.

Reinforced Glass

Float transparent glass with reinforce treatment applied. MISUMI stocks limited sizes to provide them in short delivery time as it normally takes days to finish hardening treatment.

Heat-resistant Crystallized Glass (Nextrema®):

Can be used in high temperature range and has excellent thermal shock resistance. In addition, has high bending stress. Can be specified freely.