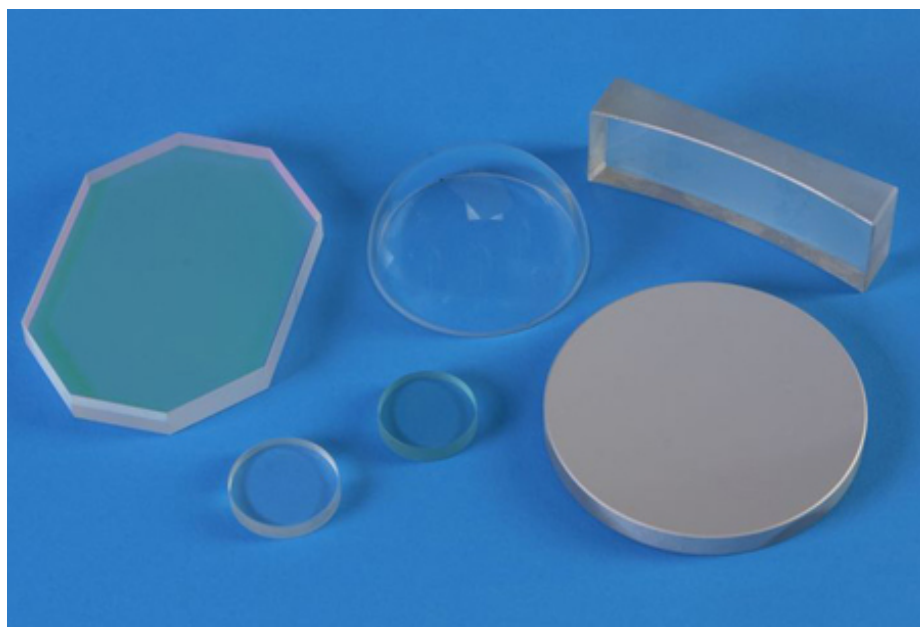





## Circular, Square and Rectangular

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Custom circular and square windows

Windows are used to isolate different physical environments while allowing light to pass. The selection of a window should consider the properties of the different optical materials, transmission, wavelength range, and resistance to the environment. Tower offers a wide range of different materials and a variety of anti-reflecting coatings that can be deposited on the windows.

Tower Optical manufactures windows from BK7, UV Grade Fused Silica and Sapphire. Other materials are available on a custom basis. In addition, we offer three different quality standards as described below. Contact factory for info on Sapphire Windows.

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Specification	Standard Grade	High Grade	Laser Grade	High Grade
Material	BK7 grade A	BK7 grade A	UV Fused Silica	Sapphire
Dimensional Tolerance	+0.0/-0.1mm	+0.0/-0.1mm	+0.0/-0.1mm	±0.1mm
Flatness (TWF)	$\lambda/2$ @ 632.8nm	$\lambda/10$ @ 632.8nm	$\lambda/10$ @ 632.8nm	$\lambda/4$ per 25.4mm

Surface Quality Scratch/Dig	40/20	20/10	20/10	40/20
Thickness Tolerance	±0.2mm	±0.2mm	±0.2mm	±0.1mm
Parallelism	< 1 arc minute	< 10 arc seconds	< 10 arc seconds	< 30 arc seconds
Bevel	0.2mm x 45°	0.2mm x 45°	0.2mm x 45°	-

BK7 Grade A Optical Glass, Standard WB11 and High WB12							
Model No	Dia mm	Thick	Price	Model No	Dia mm	Thick	Price
WB11-005	5.0	2.0	12	WB12-005	5.0	2.0	31
WB11-010	10.0	2.0	18	WB12-010	10.0	2.0	39
WB11-012	12.5	2.0	19	WB12-012	12.5	6.0	40
WB11-020	20.0	2.0	21	WB12-020	20.0	6.0	52
WB11-025	25.0	2.0	25	WB12-025	25.0	6.0	62
WB11-038	38.0	4.0	29	WB12-038	38.0	10.0	84
WB11-050	50.0	4.0	39	WB12-050	50.0	10.0	151

UV Grade Fused Silica, High WB22			
Model No	Dia mm	Thick	Price
WF22-005	5.0	2.0	39
WF22-010	10.0	2.0	45
WF22-012	12.5	6.0	52
WF22-020	20.0	6.0	64
WF22-025	25.0	6.0	78
WF22-038	38.0	10.0	130
WF22-050	50.0	10.0	315

**We make custom versions of everything on this site. Send us your drawings or specifications and we will provide a quotation.**

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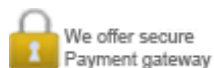
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## We Accept all



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