

# Windows for Various Applications



## Precision for your application

We supply windows produced using a variety of materials, although sapphire windows are the most popular due to material properties suited to stability in environments where thermal, optical and mechanical wear resistance are important.

### ADVANTAGES INCLUDE

- Diamond is the only material harder
- Pressure or vacuum applications
- Scratch and wear resistant
- Ideal for optical applications
- Excellent insulating properties
- Chemically resistant and inert to virtually all chemicals
- Thermal stability

### MATERIALS

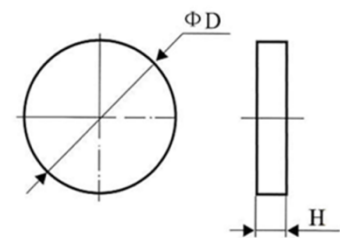
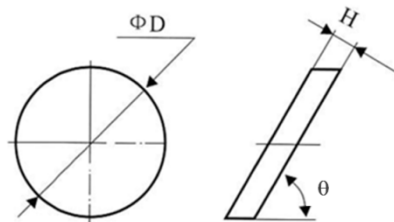
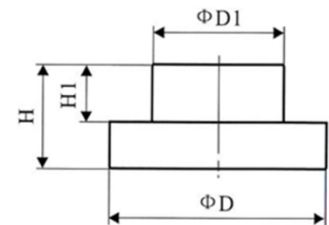
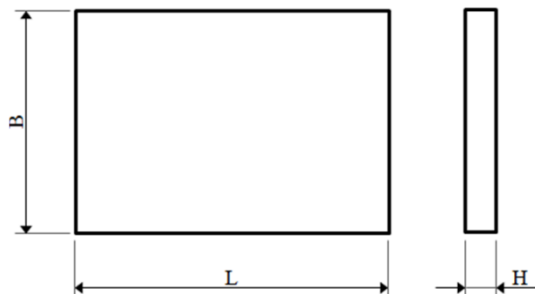
Synthetic sapphire / ruby  
Verneuil  
Czochralski (CZ)  
Kyropolus (KY)  
Edge Film Growth (EFG)

### Silica

Quartz  
Crystallite glass  
BK glass

### WINDOW MOUNTINGS

Brass  
Titanium  
Stainless Steel  
Carbon Steel



Item	Ø D: Diameter	H: Thickness
Size (mm)	Ø 0.40 ~ Ø200.00	0.05 ~ 200.00
Tolerance (mm)	0.005 ~ 0.10	+/-0.01