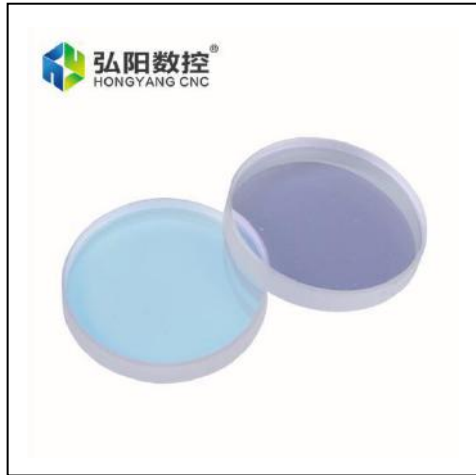


JINAN HONGYANG CNC MACHINERY CO., LTD

Fiber Laser Protective Window



Product Name:	Fiber laser protection window
Lens diameter:	20-55mm
Thickness:	1-9mm
Material:	quartz
Wavelength:	1064nm
Diameter tolerance:	± 0.1mm
Thickness tolerance;	± 0.1mm

Different Specifications Of Different Fiber Laser Protective Window Series

Series	Specifications
20 series	20*2/20*3/22*2/22.35*4/24.9*1.5/25*2/25*3/25.4*4/25.4*5/26.5*5/28*2/28*4/29.7*4.7/
30 series	30*1/30*1.5/30*2/30*3/30*4/30*5/30*5/32*3/32*4/34*5/36*5/37*7/38*2/38*3/38*6/
40-50 series	40*2/40*3/40*5/42*3/42*9/45*3/48*2/48*3/50*1.5/50*2/50*5/55**1.5/
K9 series	25*2/30*1/30*1.5/38*2/38*3/39*1.5/39*2/40*1.5/40*2/40*3/42*3/48*2/48*3/50*2/
Pro Pro-X	24.9*1.5Pro/28*4Pro/30*5Pro/36*5Pro/37*7Pro/37*7Pro-X/50*1.5Pro/50*2Pro-X

The Role of Fiber Laser Protective Window

The base material of the [fiber laser protective window](#) is K9 or quartz material. It is transparent, and it is made by grinding, polishing, coating and other processes. It is mainly used to block debris from splashing during laser cutting and avoid splashes from damaging the lens. Anti-reflection coatings with high damage threshold (>15J/cm²) are coated on both sides to reduce reflections.

The primary function of laser protection lenses is to protect the focused lens and prevent spatter from splashing on the lens to cause damage to the lens. Regular replacement and maintenance of the lens have to be conducted, so as to ensure the accuracy of processing. It is required that the lens is coated with a high damage threshold (> 15J/cm²) 1064nm anti-reflection coating, which can effectively increase the laser transmittance, reduce energy loss, and improve the quality of processed products.