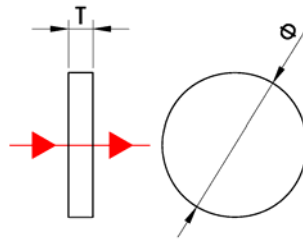


## Laser Line Window



Laser protection window is used for laser output protecting. High damage threshold ( $>10\text{J}/\text{cm}^2$ ) AR coating on both sides can minimize the reflections.

These windows are used in front of lasers for material processing in order to protect the laser optics from hot material drops.

Grade	E	H	S
Material	UVFS	UVFS	UVFS(N-BK7)
Diameter Tolerance	+0.0, -0.1mm		
Thickness Tolerance	±0.1mm		±0.2mm
Clear Aperture	>90%		
Parallelism	5"	10"	30"
Flatness (@632.8nm)	$\lambda/20$	$\lambda/10$	$\lambda/4$
Surface Quality	10/5	10/5	20/10
Bevel	Protective		
Coating	Anti-Reflecting coating on S1&S2, $R < 0.25\% @ \lambda_c$ , AOI $0^\circ$ .		
Damage Threshold (10ns, 10Hz@ $\lambda_c$ )	$10\text{J}/\text{cm}^3$	$7.5\text{J}/\text{cm}^3$	$2\text{J}/\text{cm}^3$

P/N	Φ	T	$\lambda_c$	Grade
10401	12.70	3.80	532nm	E
10402	25.40	4.50	532nm	E
10403	12.70	3.80	532nm	H
10404	25.40	4.50	532nm	H
10405	12.70	3.80	532nm	S
10406	25.40	4.50	532nm	S
10407	12.70	3.80	1064nm	E
10408	25.40	4.50	1064nm	E
10409	12.70	3.80	1064nm	H
10410	25.40	4.50	1064nm	H
10412	25.40	4.50	1064nm	S
10413	12.70	3.80	1064nm	S

- Dimension unit: mm
- Other sizes and coatings are available upon request.