

Sapphire (Al₂O₃)*

Dia tolerance	+0,-0.005" (+0,-0.13mm)
Th tolerance	±0.005" (±0.13mm)
Clear Aperture	85%
Parallelism	3 arc min
Flatness	2 wave per inch at 633 nm
Surface Finish	60/40

CAT#	DIA, in	DIA, mm	TH, in	TH, mm
AL-W-12-0.5	0.5	12.7	0.020	0.5
AL-W-12-1	0.5	12.7	0.039	1.0
** AL-W-25-1	1.0	25.4	0.039	1.0
AL-W-25-2	1.0	25.4	0.079	2.0
AL-W-25-3	1.0	25.4	0.118	3.0
AL-W-38-2	1.5	38.1	0.079	2.0
AL-W-38-3	1.5	38.1	0.118	3.0
AL-W-50-3	2.0	50.8	0.118	3.0
AL-W-50-5	2.0	50.8	0.197	5.0
AL-W-63-3	2.5	63.5	0.118	3.0
AL-W-63-5	2.5	63.5	0.197	5.0
AL-W-76-3	3.0	76.2	0.118	3.0
AL-W-76-5	3.0	76.2	0.197	5.0

Custom sizes and specifications are available

*C-axis, R-axis, A-axis orientations are available

**) Flatness: 4 waves at 633 nm per inch