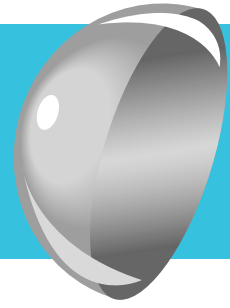


HEMISPHERES

These lenses are useful in fiber coupling and simple micro collimating applications and have larger working distances than ball lenses.



Fused Silica UV Grade (SiO₂)

Diameter tolerance $\pm 0.0004''$ (± 0.01 mm)
Thickness tolerance $\pm 0.002''$ (± 0.05 mm)
Surface Quality 60/40

CAT#	DIA, in	DIA, mm	CT, in	CT, mm
QU-HS-2	0.08	2.0	0.04	1.0
QU-HS-3	0.12	3.0	0.06	1.5
QU-HS-4	0.16	4.0	0.08	2.0
QU-HS-5	0.20	5.0	0.10	2.5
QU-HS-6	0.24	6.0	0.12	3.0
QU-HS-8	0.32	8.0	0.16	4.0
QU-HS-10	0.39	10.0	0.20	5.0
QU-HS-12	0.47	12.0	0.24	6.0
QU-HS-14	0.55	14.0	0.28	7.0
QU-HS-18	0.71	18.0	0.36	9.0
QU-HS-20	0.79	20.0	0.40	10.0
QU-HS-25	1.00	25.4	0.50	12.7

Germanium (Ge)

Diameter tolerance $\pm 0.0004''$ (± 0.01 mm)
Thickness tolerance $\pm 0.002''$ (± 0.05 mm)
Surface Quality 60/40

CAT#	DIA, in	DIA, mm	CT, in	CT, mm
GE-HS-2	0.08	2.0	0.04	1.0
GE-HS-3	0.12	3.0	0.06	1.5
GE-HS-4	0.16	4.0	0.08	2.0
GE-HS-5	0.20	5.0	0.10	2.5
GE-HS-6	0.24	6.0	0.12	3.0
GE-HS-8	0.32	8.0	0.16	4.0
GE-HS-10	0.39	10.0	0.20	5.0
GE-HS-12	0.47	12.0	0.24	6.0
GE-HS-14	0.55	14.0	0.28	7.0
GE-HS-18	0.71	18.0	0.36	9.0
GE-HS-20	0.79	20.0	0.40	10.0
GE-HS-25	1.00	25.4	0.50	12.7

Custom sizes and specifications are available