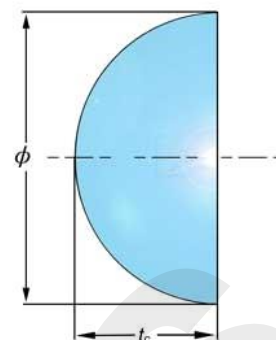


Half Ball Lens

Specifications

- **Material:** BK7, B270, Borosilicate glass, UV Fused Silica, Sapphire, ZnSe or any other glass/crystal material
- **Diameter Tolerance:** +/-0.05
- **Height (tc):** 0~full diameter
- **Height Tolerance:** +/-0.05
- **Surface Quality:** 60-40 scratch and dig
- **(Surface Roughness: 23.5nm is achieved on sapphire)**
- **Chamfer:** <0.2mm, <0.1mm



Part Number	Φ (mm)	R (mm)	Tc (mm)	Refractive Index	Material
LEN605-2R5-ZLaF60	0.5	0.25	0.25	1.85	H- ZLaF60
LEN6010-5-ZF7LA	1	0.5	0.5	1.805	H-ZF7LA
LEN6010-5-ZLaF80	1	0.5	0.5	2.001	H-ZLaF80
LEN6010-5-ZLaF90	1		0.5		ZLaF90
LEN6013-6R3	1.27	0.635	0.63		
LEN6013-4R7	1.27	0.635	0.47		
LEN6015-7R5	1.5	0.75	0.75		
LEN6015-7R5-SP	1.5	0.75	0.75		Sapphire
LEN6015-7R5-FS	1.5	0.75	0.75		Fused Silica
LEN6015-7R5-JGS1	1.5		0.75		JGS1
LEN6015-7R5-JGS2	1.5		0.75		JGS2
LEN6015-7R5-SP	1.5		0.75		Sapphire
LEN6020-10	2	1	1		
LEN6020-10-ZlaF80	2	1	1	2.001	H-ZlaF80
LEN6020-10-SP	2	1	1		Sapphire
LEN6020-10-FS	2	1	1		Fused Silica
LEN6020-10-JGS1	2		1		JGS1
LEN6020-10-JGS2	2		1		JGS2
LEN6020-10-SP	2		1		Sapphire
LEN6025-12R5	2.5	1.25	1.25		
LEN6025-12R5-BaK6	2.5	1.25	1.25	1.564	H-BaK6
LEN6025-12R5-LaF10LA	2.5	1.25	1.25	1.788	H-LaF10LA
LEN6025-12R5-SP	2.5	1.25	1.25		Sapphire
LEN6025-12R5-FS	2.5	1.25	1.25		Fused Silica
LEN6025-12R5-JGS1	2.5		1.25		JGS1
LEN6025-12R5-JGS2	2.5		1.25		JGS2
LEN6025-12R5-SP	2.5		1.25		Sapphire



Half Ball Lens

Part Number	Φ (mm)	R (mm)	Tc (mm)	Refractive Index	Material
LEN6028-17	2.8	1.4	1.7		
LEN6028-17-FS	2.8	1.4	1.7		Fused Silica
LEN6028-23-FS	2.8	1.4	2.3		Fused Silica
LEN6029-14R5	2.9	1.45	1.45		
LEN6030-11	3	1.5	1.1		
LEN6030-15	3	1.5	1.5		
LEN6030-16-FS	3	1.5	1.6		Fused Silica
LEN6030-17-FS	3	1.5	1.7		Fused Silica
LEN6030-15-ZnSe	3	1.5	1.5		ZnSe
LEN6030-15-SP	3	1.5	1.5		Sapphire
LEN6030-15-FS	3	1.5	1.5		Fused Silica
LEN6030-15-JGS1	3		1.5		JGS1
LEN6030-15-JGS2	3		1.5		JGS2
LEN6030-15-SP	3		1.5		Sapphire
LEN6030-15-ZnSe	3		1.5		ZnSe
LEN6031-20	3.05	1.525	2		
LEN6032-16	3.2		1.6		
LEN6033-16R3	3.25	1.625	1.625		
LEN6033-16	3.25	1.625	1.6		
LEN6035-17R5	3.5	1.75	1.75		
LEN6035-17R5-JGS1	3.5		1.75		JGS1
LEN6035-17R5-JGS2	3.5		1.75		JGS2
LEN6035-17R5-SP	3.5		1.75		Sapphire
LEN6035-17R5-SP	3.5	1.75	1.75		Sapphire
LEN6035-17R5-FS	3.5	1.75	1.75		Fused Silica
LEN6036-18	3.6	1.8	1.8		
LEN6040-20-ZnSe	4		2		ZnSe
LEN6040-20-LaF10LA	4	2	2	1.788	H-LaF10LA
LEN6040-20-ZF7LA	4	2	2	1.805	H-ZF7LA
LEN6040-20	4	2	2		
LEN6045-22R5	4.5	2.25	2.25		
LEN6047-23R5	4.7	2.35	2.35		
LEN6050-33	5	2.5	3.3		
LEN6050-25-F4	5	2.5	2.5	1.62	H-F4
LEN6050-25	5	2.5	2.5		
LEN6050-30	5	2.5	3		
LEN6050-25-ZnSe	5	2.5	2.5		ZnSe



Half Ball Lens

Part Number	Φ (mm)	R (mm)	Tc (mm)	Refractive Index	Material
LEN6056-28	5.6	2.8	2.8		
LEN6056-33	5.6	2.8	3.3		
LEN6058-27	5.75	2.9	2.7		
LEN6058-27-F4	5.75	2.9	2.7	1.62	H-F4
LEN6060-30	6	3	3		
LEN6060-55	6	3	5.5		
LEN6060-25	6	3	2.5		
LEN6060-37	6	3	3.7		
LEN6064-31R7	6.35	3.175	3.17		
LEN6065-32R5	6.5	3.25	3.25		
LEN6070-35	7	3.5	3.5		
LEN6080-30	8	4	3		
LEN6080-40	8	4	4		
LEN6080-50	8	4	5		
LEN6080-60	8	4	6		
LEN6080-60-ZF3	8	4	6	1.717	H-ZF3
LEN6080-40-FS	8	4	4	1.458	Fused Silica
LEN6090-45	9	4.5	4.5		
LEN6100-50	10	5	5		
LEN6100-45	10	5	4.5		
LEN6120-60	12	6	6		
LEN6127-63R5	12.7	6.35	6.35		
LEN6140-70	14	7	7		
LEN6150-75	15	7.5	7.5		
LEN6160-80	16	8	8		
LEN6254-127-LASFH17	25.4		12.7	2.0	J-LASFH17

