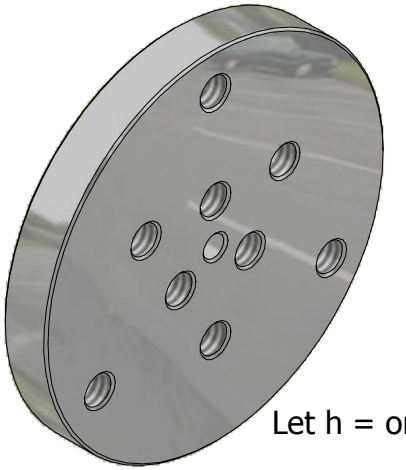
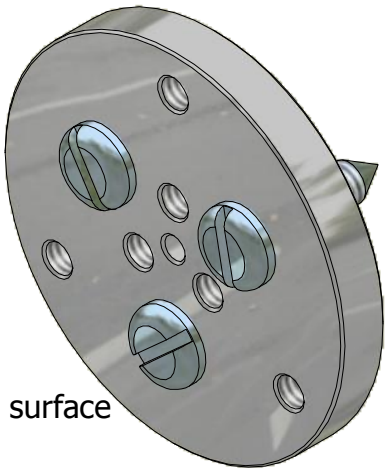
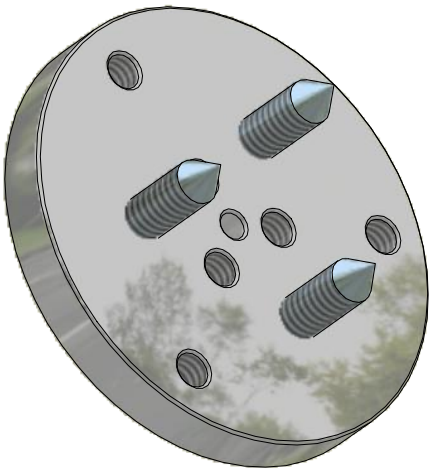






FORMULA
for
RADIUS OF CURVATURE

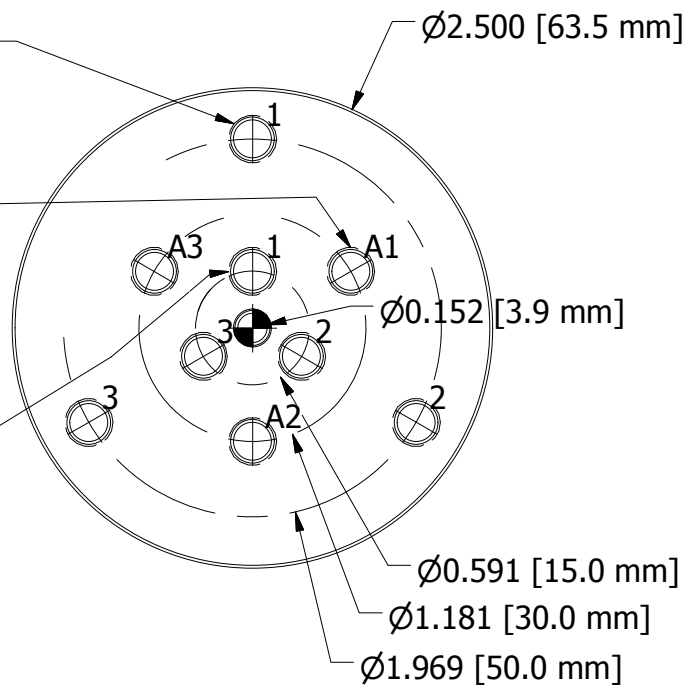
Let r = radius of bolt circle
Let h = orthogonal distance from screw points to lens surface
Then radius of curvature of lens surface =

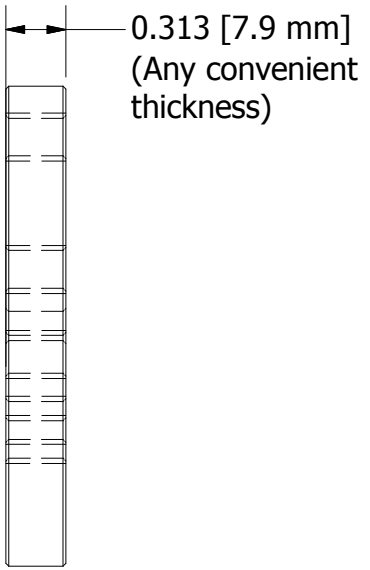
$$R = r^2 / 2h + h/2$$

Hole Table			
LOC	XDIM	YDIM	SIZE
1	0.000	0.984	1/4-20 UNC - 1B
2	0.852	-0.492	1/4-20 UNC - 1B
3	-0.852	-0.492	1/4-20 UNC - 1B

Hole Table			
LOC	XDIM	YDIM	SIZE
A1	0.511	0.295	1/4-20 UNC - 1B
A2	0.000	-0.591	1/4-20 UNC - 1B
A3	-0.511	0.295	1/4-20 UNC - 1B

Hole Table			
LOC	XDIM	YDIM	SIZE
1	0.000	0.295	1/4-20 UNC - 1B
2	0.256	-0.148	1/4-20 UNC - 1B
3	-0.256	-0.148	1/4-20 UNC - 1B





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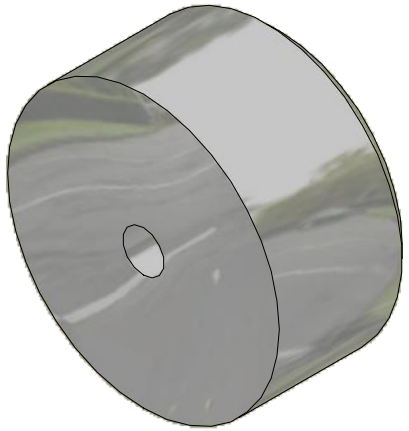
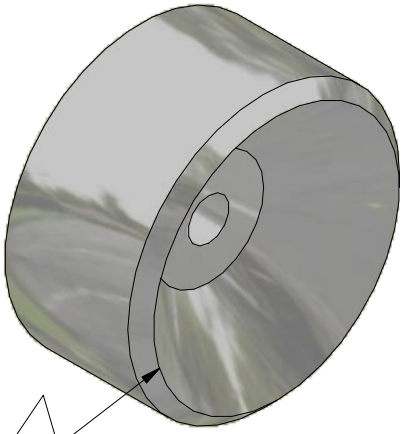
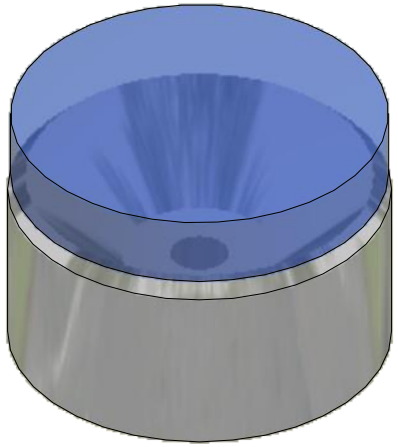
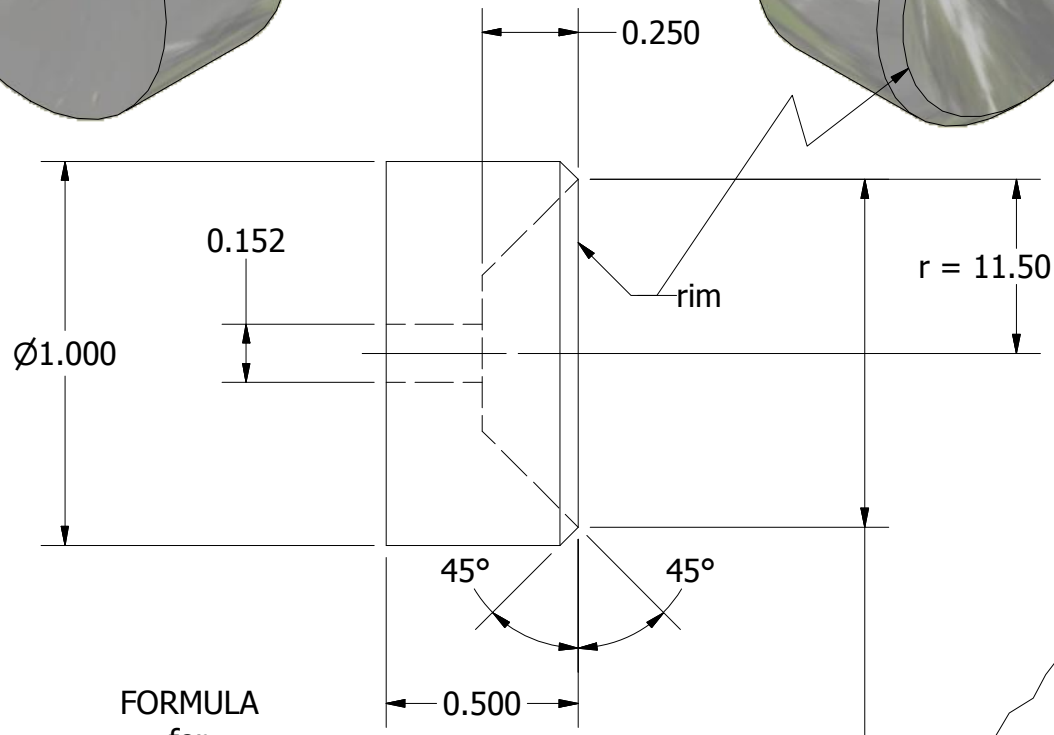
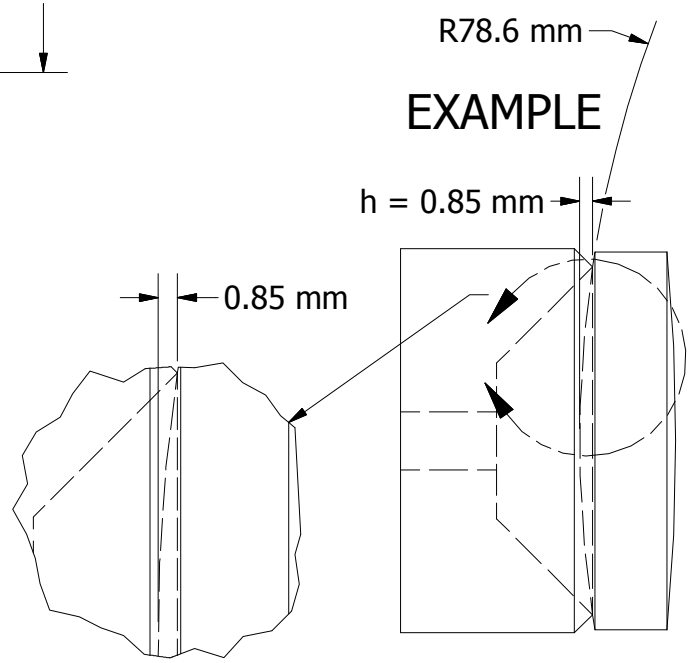
spherometer_3-leg.idw











FORMULA
for
RADIUS OF CURVATURE

Let r = radius of rim
Let h = orthogonal distance from rim to lens surface
Then radius of curvature of lens surface =

R = r^2 / 2h + h/2

Rim diameter =
0.906 [23.00 mm]
(Instrument will
measure lenses of this
diameter or larger.)

R = 11.5mm^2 / (2*0.85mm) + 0.85mm/2 = 78 mm

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spherometer_round.idw