

ThickLens

```
__abstractmethods__
```

```
__init__(self, K1=0.01, K2=0.01, X=0.0, Y=0.0, Z=0.0, Theta=1.57079632679, Phi=0.0, Thickness=0.02, N=1.4585, Keepl=False, Diameter=0.05, R=0.1, T=0.9, Name='Thicklens', Ref=None)
```

```
lines(self)
```