

## Re: Making off-axis optics

**Source:** <http://sci.tech-archive.net/Archive/sci.astro.amateur/2004-10/1010.html>

---

**From:** Chris L Peterson ([clp\\_at\\_alumni.caltech.edu](mailto:clp_at_alumni.caltech.edu))

**Date:** 10/08/04

Date: Fri, 08 Oct 2004 17:40:26 GMT

On 08 Oct 2004 17:00:08 +0100 (BST), Thomas Womack  
<[twomack@chiark.greenend.org.uk](mailto:twomack@chiark.greenend.org.uk)> wrote:

>>*I'm not sure, but I observe that in the case of the Cassegrain, you  
>>use the donut part of the mirror, whereas with the off-axis, it's the  
>>donut hole that you end up using. That might have something to do  
>>with it.*

I don't think Brian was referring to the central part of the mirror when he used the term donut. I think he was suggesting that the way a disk cut from a larger piece of glass behaves might be quite different from the way a disk with a hole cut from the center behaves. For a parent with residual stress, that is certainly likely.

---

Chris L Peterson  
Cloudbait Observatory  
<http://www.cloudbait.com>