

# SHARPSTAR

PRECISION FOCUSING TOOL FOR ASTROPHOTOGRAPHY  
by LONELY SPECK

## Quick Start Guide

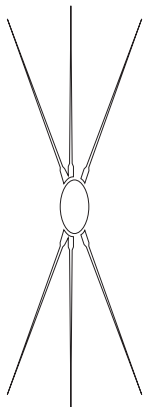
\*Before you begin, set up your camera and lens for focusing at night.  
(e.g. lowest available f/number, ISO 1600 or greater, shutter ~10 seconds, live view mode)

1. Slide SharpStar into your filter holder.
2. Center and magnify the brightest star in your frame and manually focus as usual.  
(If you're able to see the diffraction spikes in live view, go ahead and adjust focus to center the middle spike between the outer spikes.)
3. Take a test shot and review the image under magnification.  
**If the middle spike is evenly centered between the outer spikes, you have achieved perfect focus!**  
(If the spike is NOT evenly centered between the outer spikes, adjust focus and repeat this step as needed until the spike is perfectly centered.)
4. Remove SharpStar from your filter holder.

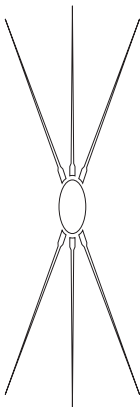
You are now ready to capture precisely-focused images of the night sky!

**Optional:** Shoot with the CrossStar Effect Filter installed to create cross-shaped diffraction spikes on the brightest stars in your image.

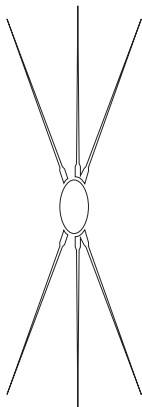
# VISUAL GUIDE TO PRECISE FOCUS



OUT OF FOCUS



IN FOCUS



OUT OF FOCUS

Need help? Visit [lonelyspeck.com/sharpstar-faq](http://lonelyspeck.com/sharpstar-faq)