



Spectral Products

DKSP to DK CONVERSION

Your conversion kit includes two output flanges.

Your DK series spectrograph is shipped with the monochromator conversion flange set at the position of focus for use with the slits included. To use as a monochromator, screw the slit assembly onto the exit flange.

Focus is achieved by loosening the two set screws (hex wrench is provided) on the flange adjustment ring, and then sliding the flange either in or out for best focus. Then retighten the set screws.

When using as a spectrograph, a shorter flange is provided to accommodate focal adjustment for a variety of CCD backspace image planes. Loosen the set screws mentioned above, and remove the long flange. Insert the short flange and adjust to focus the image on the CCD. The CCD image plane should be at the same point as the monochromator slit plane.

Because there are many CCD cameras on the market, it is impossible for Spectral Products to provide a flange to mount on each type. We have provided a common type with your kit, which mounts directly to several popular cameras. If the flange provided does not fit your CCD, a drawing is provided below to give you the general specifications of the flange.

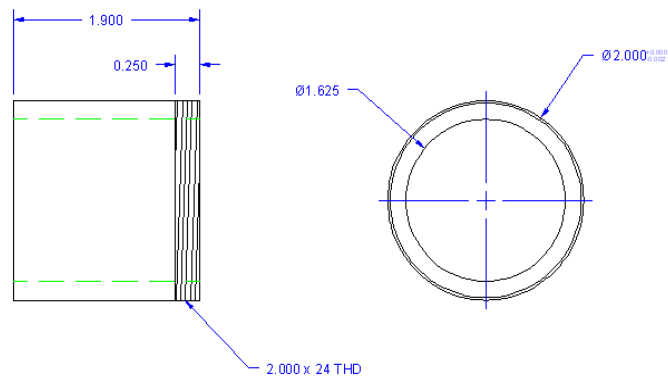
Extreme caution should be used when sliding the flange inward, as the flange can contact the exit turning mirror.

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