

Orion Precision Centering Adapter

#52024

The Orion Precision Centering adapter is designed for a multitude of applications. It can be used primarily as an eyepiece or laser collimator precision centering device (providing precise optical-axis match between the eyepiece and the telescope – optical coaxiality) but it can also be used for imaging purposes as it provides a solid platform for long and heavy imaging trains.

While most focusers provide one or two side thumbscrews to secure an eyepiece they are usually insufficient for most demanding observing or imaging applications.

Constructed entirely from aluminum, the precision centering adapter is extremely lightweight (90 gr). It fits any 2" focusers and it is threaded to accept 2" filters as well.



Figure 1. The Precision Centering Adapter.

How It Works

Rotating the top ring clockwise moves two stainless steel rollers to the center of the optical axis. This pushes the rolls against the eyepiece ensuring a tight fit and precision eyepiece centering. It also prevents



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the eyepiece barrel from getting scratched as it would with the standard focuser thumbscrews.

To release the eyepiece rotate in the opposite direction (counter-clockwise). It is as simple as that!

Start by inserting the 1.25" eyepiece. Rotate the top ring clockwise.

To release the eyepiece rotate the top ring counter-clockwise.

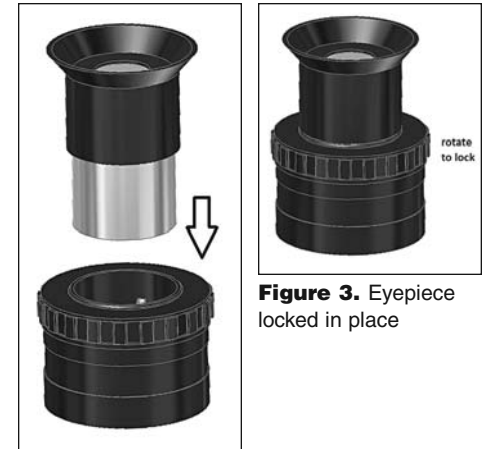


Figure 2. Insert the 1.25" eyepiece

Figure 3. Eyepiece locked in place

WARNING: *Never look directly at the Sun with the naked eye or with a telescope – unless you have a proper solar filter installed over the front of the telescope! Otherwise, permanent, irreversible eye damage may result.*

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

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