Baader Special Eyepieces
for all Zeiss FL Diascope-Spotting Scopes

Classic ortho 6mm eyepiece with bayonet adapter for Zeiss Diascope spotting scopes (Item.-No. 2454506)

An absolutely amazing eyepiece, totally free of chromatic aberration, sharp to the edge of vision, and with very good-natured eye relief. Rubber eyecup included. Complete with quick-change eyepiece bayonet for all Zeiss Diascope FL spotting scopes. (64-times magnification with FL 65T-, or 85-times magnification with FL 85T spotting scope).

Dedicated high magnification 3 mm (optional 6 mm) **spotting-scope eyepiece,** incl. bayonet-adapter for Zeiss-Diascope (Item.-No. 2454507)

consisting of: 6 mm Classic-Ortho-Eyepiece, directly coupled onto the lens holder of the field flattening Hyperion-Zoom-Barlow, incl. Baader-Diascope-bayonet-adapter. The triplet-lens Hyperion-Barlow is designed to compensate for the short focal length of spotting scopes. The lens set works as field flattener and provides perfect sharpness to the edge of field. The 6 mm eyepiece can be detached from the barlow lens set and mounted onto the spotting scope with the supplied Baader-Diascope-Bayonet.

Two magnifications are provided with this product:

Zeiss Diascope 65 T*FL w. 384mm fl and above (#2454507) combo of parts:
3 mm (w. Barlow mounted): 128x / 6 mm (w/o Hyperion-Zoom-Barlow-lensset): 64x

Zeiss Diascope 85 T*FL w. 502mm fl and above (#2454507) combo of parts:
3 mm (w. Barlow mounted): 167x / 6 mm (w/o Hyperion-Zoom-Barlow-lensset): 84x

25 mm Symmetric wide angle Diascope eyepiece (Item.-Nr. 2454505)

Amazing performance and field size, excellent sharpness and wonderful eye relief; foldable rubber eyecup, complete with quick-change eyepiece bayonet for all Zeiss Diascope FL spotting scopes (20-times magnification and 45 meters field of view at 1000M – with the FL 85T)

Caution: 1¼" Eyepieces usually have a chrome barrel with 28 mm length. The field stop position (= telescope focus) is situated at the upper end of the 1¼" sleeve. Because of this, many eyepieces are parfocal and have their sharpness level more or less at the same place, and you have to focus very little back and forth when switching eyepieces on an astronomical telescope.

HOWEVER – ALMOST ALL OF THESE STANDARD ASTRO-EYEPIECES DO NOT WORK WITH SPOTTING SCOPES! –

Baader eyepieces for Diascope spotting scopes have a shortened barrel of only 24mm length. Thus the focus point of the Baader eyepieces moves closer to the spotting scope than with many normal Astro eyepieces.
This additional feature allows our special eyepieces for Diascope spotting scopes be combined with a quick-change bayonet and can so be used with all Carl Zeiss Diascope spotting scopes.
In combination with the Baader-Diascope-bayonet-adapter (#2454500) the above, as well as all Morpheus eyepieces can be used.

Diascope Bayonet 1¼" eyepiece-adapter, to use suitable 1¼" eyepieces with Carl Zeiss Diascope spotting scopes (Item.-No. 2454500)

This is a quick coupler / eyepiece holder with a height of only 24mm to connect 1¼" Astro eyepieces at all Zeiss Diascope spotting scopes.

For astronomical use, you need a fast eyepiece change, without changing the orientation of the Diascope. We therefore provide the eyepiece adapter without a mounted sealing ring, so that the eyepieces can be switched easily. The bayonet has got an undercut, which serves to receive one of the two supplied O-rings. If you prefer a sealing ring, you can adjust the stiffness when switching eyepieces between tight (large O-ring) and light (small O-ring) with these two different rings.

Please note: The construction of the Zeiss Diascope spotting scope requires that the field stop (entrance baffle of the eyepiece) is not more than 24mm above the last exit face of the spotting scope! Most astro-eyepieces can not fulfill this condition and therefore are not suitable for the scope.

Diascope-Eyepieces 6mm (2454506) and 3mm (2454507) in use with Zeiss-Diascope

MORPHEUS-Eyepieces with 76° field of view

Use of the Diascope-Bayonet eyepiece-adapters with Morpheus-eyepieces

All Morpheus-eyepieces work great with Diascope spotting scopes!

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