

# HYPERION® ZOOM Mark III (8-24mm)

| Baader<br>SKU | <sup>1</sup> FL<br>(mm) | Eyepiece<br>Series | FL with Hyp<br>Barlow* 2.25x | Barrel<br>(in.) | <sup>2</sup> E/G | <sup>3</sup> AF | <sup>4</sup> G | <sup>5</sup> ER<br>(mm) | <sup>6</sup> FS<br>(mm) | <sup>7</sup> FSD | <sup>8</sup> BFG<br>(mm) | <sup>9</sup> SPS<br>(1¼"/2") | <sup>10</sup> PVA | Eyepiece Dimensions (mm) |      |    |    | Weight (g)<br>(1¼" / 2") |
|---------------|-------------------------|--------------------|------------------------------|-----------------|------------------|-----------------|----------------|-------------------------|-------------------------|------------------|--------------------------|------------------------------|-------------------|--------------------------|------|----|----|--------------------------|
|               |                         |                    |                              |                 |                  |                 |                |                         |                         |                  |                          |                              |                   | A                        | B    | C  | D  |                          |
| 2454824       | 8                       | Hyperion           | 3,6                          | 1¼" / 2"        | 7 / 4            | 68°             | yes            | 19                      | 6,7                     | 0                | - 6                      | RA                           | M43               | 82                       | 24,5 | 27 | 58 | 353 / 371                |
| 2454824       | 12                      | Hyperion           | 5,3                          | 1¼" / 2"        | 7 / 4            | 63°             | yes            | 18,2                    | 11                      | 0                | - 6                      | RA                           | M43               | 82                       | 24,5 | 27 | 58 | 353 / 371                |
| 2454824       | 16                      | Hyperion           | 7,1                          | 1¼" / 2"        | 7 / 4            | 58°             | yes            | 17,4                    | 16                      | 0                | - 6                      | RA                           | M43               | 82                       | 24,5 | 27 | 58 | 353 / 371                |
| 2454824       | 20                      | Hyperion           | 8,9                          | 1¼" / 2"        | 7 / 4            | 53°             | yes            | 16,7                    | 21                      | 0                | - 6                      | RA                           | M43               | 82                       | 24,5 | 27 | 58 | 353 / 371                |
| 2454824       | 24                      | Hyperion           | 10,7                         | 1¼" / 2"        | 7 / 4            | 48°             | yes            | 16                      | 27,4                    | 0                | - 6                      | RA                           | M43               | 82                       | 24,5 | 27 | 58 | 353 / 371                |

\* #2956180

## Spreadsheet notes

<sup>1</sup>FL: Focal Length

<sup>2</sup>E/G: # Lens Elements / # Groups

<sup>3</sup>AF: Apparent Field of View

<sup>4</sup>G: Parfocal

<sup>5</sup>ER: Eye Relief

<sup>6</sup>FS: Field Stop Ø

<sup>7</sup>FSD: field stop displacement (+/-)  
(compared to reference plane)

<sup>8</sup>BFG: Back Focus Gain when using 2" barrel  
(compared to 1¼" barrel)

<sup>9</sup>SPS: Slip-Protect Safety  
(SK = Safety Kerfs | RA = Recessed Area)

<sup>10</sup>PVA: Photo-Video Adapter Thread, 43mm Standard  
(accessible by removing eyecup)

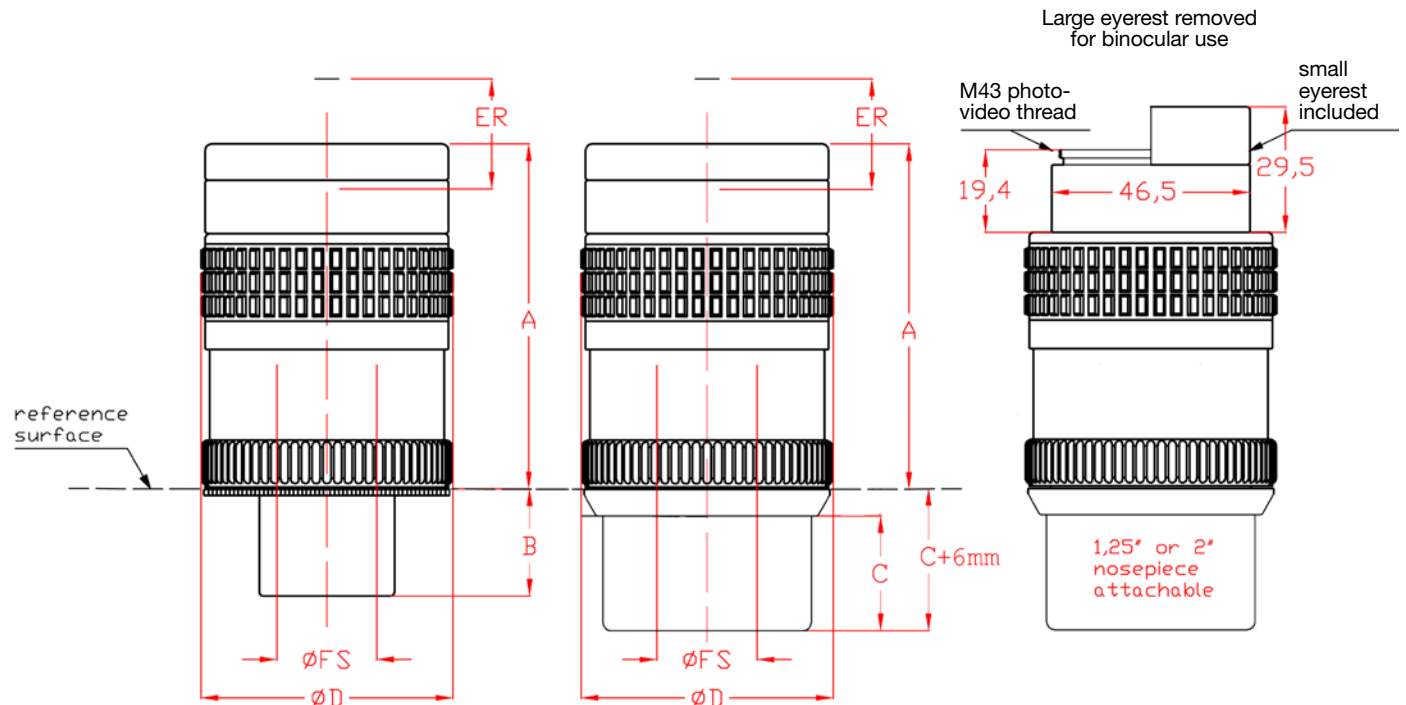
## Eyepiece Dimensions

A: Height of eyepiece-body above reference plane

B: Length of 1¼" barrel

C: Length of 2" barrel

D: Outer Diameter



## Scope of supply

Hyperion ClickStop Zoom Mark III, 1¼" and 2" nosepieces, Zeiss thread M45 and Celestron thread M36,4, large adjustable eyerest and two alternative rubber eyecups (winged and foldable), three dustcaps, soft leatherette bag

All technical data provided are based on unaltered mechanical and optical design data. Values measured in the field depend on users telescopes or evaluation techniques and may vary greatly - especially when obtained with catadioptrics of variable focal length