

# 5X EO HR Infinity Corrected Objective



5X EO HR Infinity Corrected Objective (#58-371)

Stock **#58-371** 1 In Stock

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+

€2.530<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €2.530,00 each                |
| Qty 5+         | €2.403,00 each                |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                                                        |               |
|----------------------------------------------------------------|---------------|
| 28-20-44-000                                                   | Model Number: |
| Compatible Tube Lens Focal Length (mm):<br>Focal Length: 200mm |               |
| Microscope Objective                                           | Type:         |
| Infinity Corrected                                             | Style:        |

| Physical & Mechanical Properties |                                        |
|----------------------------------|----------------------------------------|
| 61.00                            | Length excluding Threads (mm):         |
| 34                               | Maximum Diameter (mm):                 |
| 210.00                           | Weight (g):                            |
| Optical Properties               |                                        |
| 1.28mm                           | Horizontal Field of View, 1/2" Sensor: |
| 1.80mm                           | Horizontal Field of View, 2/3" Sensor: |
| 11.00                            | Field Stop Diameter (mm):              |
| 40.00                            | Focal Length FL (mm):                  |
| 5X                               | Magnification:                         |
| 0.23                             | Numerical Aperture NA:                 |
| 1.5                              | Resolving Power (µm):                  |
| 10.90                            | Depth of Field (µm):                   |
| 34.00                            | Working Distance (mm):                 |
| 400 - 700                        | Wavelength Range (nm):                 |
| 95                               | Parfocal Length (mm):                  |
| N/A                              | Immersion Liquid:                      |
| Threading & Mounting             |                                        |
| M26 x 36 TPI                     | Mounting Threads:                      |

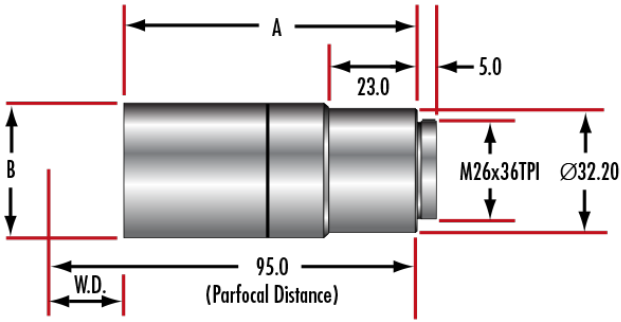
| Environmental & Durability Factors |                             |
|------------------------------------|-----------------------------|
| +23 ±5                             | Operating Temperature (°C): |
| 30 - 70%                           | Operating Humidity:         |

| Regulatory Compliance |                             |
|-----------------------|-----------------------------|
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 235:                  |

## Product Details

- High Resolving Power
  - Designed for use in Zoom Lens Systems
  - Features Mtutoyo Standard M26 x 36 TPI Threads
- EO High Resolution Infinity Corrected Objectives are designed for high resolution over a small field of view. These objectives feature Mtutoyo standard M26 x 36 TPI threads and a 95mm parfocal length which allows them to be used interchangeably with Mtutoyo microscopes and accessories. While usable with Mtutoyo microscopes and accessories, these objectives perform best when used in a zoom lens system. EO High Resolution Infinity Corrected Objectives feature near-diffraction limited on axis performance. For longer working distance objectives that can be used in Mtutoyo systems, see our [EO Infinity Corrected Long Working Distance Objectives](#).

## Technical Information



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