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100X DIN Achromatic Commercial Grade Objective



100XDIN Achromatic Commercial Grade Objective, #43-905

Stock **#43-905** **20+ In Stock**

⊖ 1 ⊕ C\$294⁰⁰

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Volume Pricing

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General

Achromatic, Spring-Loaded **Type:**

Finite Conjugate **Style:**

Recommended Immersion Oil [#86-834](#) **Note:**

Physical & Mechanical Properties

45.80 **Length excluding Threads (mm):**

24 **Maximum Diameter (mm):**

Optical Properties

2.91 **Effective Focal Length EFL (mm):**

100X **Magnification:**

1.25 **Numerical Aperture NA:**

0.1 **Working Distance (mm):**

45.9 **Parfocal Length (mm):**

Oil **Immersion Liquid:**

Threading & Mounting

0.7965-36 TPI, 55° Whitworth **Mounting Threads:**

Environmental & Durability Factors

5 to 40 **Operating Temperature (°C):**

-20 to 60 **Storage Temperature (°C):**

45% to 85% **Operating Relative Humidity:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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Product Details

- Achromatic and Plan Designs
- Use with T- and C-Mounting Systems
- Ideal for OEM Applications

Commercial Grade Standard Microscope Objectives are designed for a wide variety of applications. These objectives are provided in both achromatic and plan designs. Using DIN standard, 0.7965" (20.1mm) dia. threads, 36 TPI, 55° Whitworth, these objectives will fit into most microscope and spatial filter assemblies. Commercial Grade Standard Microscope Objectives, used in conjunction with our [T- and C-mounting systems](#), are an ideal solution for OEM production use. These objectives are offered in 4X, 10X, 40X, and 100X magnifications.

Note: 40X and 100X versions are spring loaded. 100X version is also oil immersion type.

Technical Information

Stock No.	A	B	C	D	E
#43-902	24	3.7	31	19	26
#43-903	24	3.7	43	19	40
#43-904	24	3.7	48.8	20	45.8
#43-905	24	3.7	48.8	20	45.8

#67-706	24	3.7	34	22	30
#43-907	24	3.7	47.6	22	44
#43-908	24	3.7	49	22	46
#43-909	24	3.7	48	22	46



