

10X DIN Achromatic Finite Intl Standard Objective



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1

+

€102^{.00}

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SPECIFICATIONS

General

Compatible Tube Lens Focal Length (mm):
Focal Length: 160mm

Achromatic

Type:

Style:

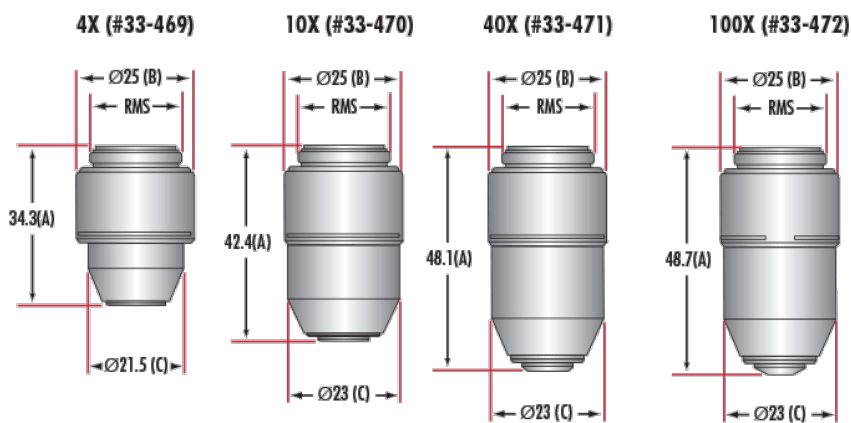
Finite Conjugate	
Note: Designed to include a cover glass with 0.17mm in thickness	
Physical & Mechanical Properties	
2	Field of View (mm):
38.70	Length excluding Threads (mm):
25	Maximum Diameter (mm):
40.6	Weight (g):
Optical Properties	
546	Design Wavelength DWL (nm):
16.00	Focal Length FL (mm):
10X	Magnification:
0.25	Numerical Aperture NA:
17.45	Depth of Field (µm):
1.80	Field of View, 18 Diameter Field Eyepiece (mm):
4.4	Working Distance (mm):
400 - 700	Wavelength Range (nm):
20	Field Number (mm):
43.1	Parfocal Length (mm):
N/A	Immersion Liquid:
Threading & Mounting	
RMS / 20.32mm x36 TPI	Mounting Threads:
Environmental & Durability Factors	
+10 to +40	Operating Temperature (°C):
Max 85% at 35°C with no condensation	Operating Humidity:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:

PRODUCT DETAILS

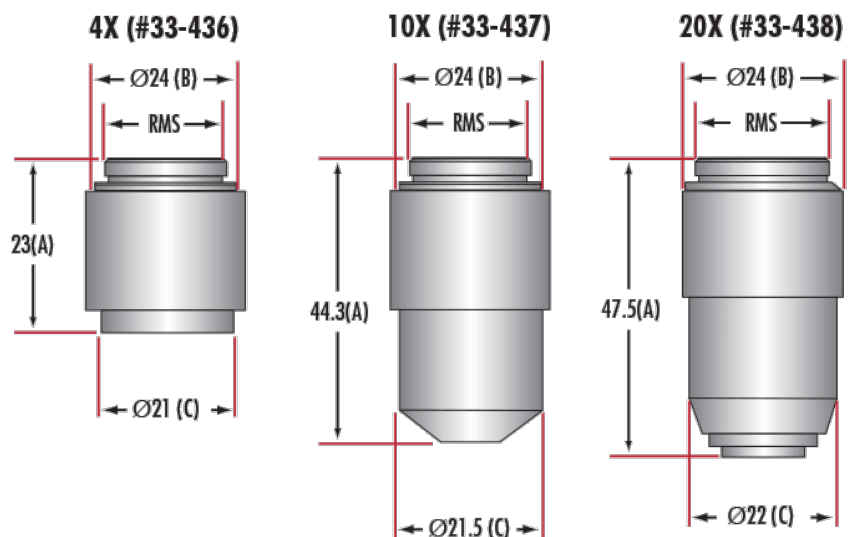
- For Use with RMS Thread Microscopes
 - AR Coated Optics
 - 4X to 100X Magnifications Available
- International Standard Microscope Objectives can be used with most major brands of microscopes that utilize RMS mounting threads. Our product offering features DIN 45mm standard objectives with achromatic and semi-plan designs. The achromatic design ensures proper color correction for broadband white light sources, while semi-plan designs have an added feature to create a flatter image field. International Standard Microscope Objectives include AR-coated optics to ensure maximum transmission and reduce internal reflections in the optical assembly. All 20X to 100X objectives have spring-loaded (retractable) front ends to prevent slide damage.
- Note:** Oil immersion is recommended for all 100X objectives with an NA higher than 1.0 (part number [#86-834](#)).

TECHNICAL INFORMATION

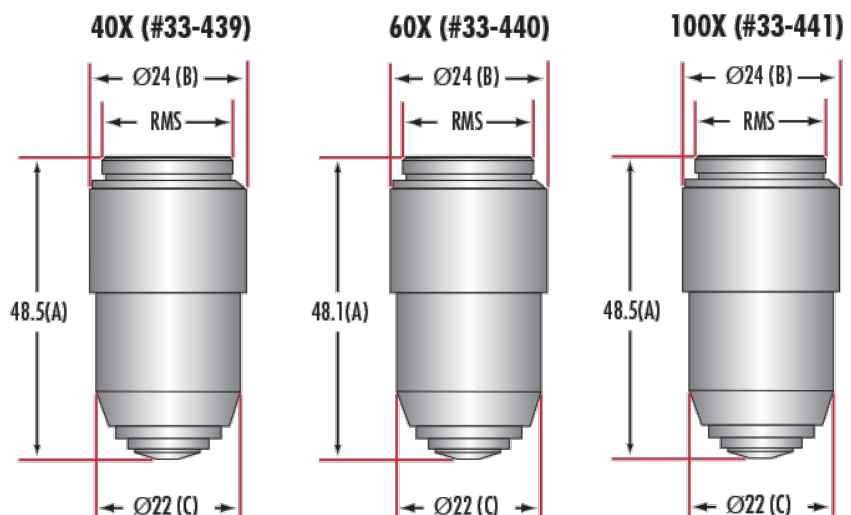
DIN Objectives - Micro Plan



DIN Objectives - Achromatic



DIN Objectives - Achromatic



Magnification	A	B	C
4X	23mm	24mm	21mm
10X	44.3mm	24mm	21.5mm
20X	47.5mm	24mm	22mm
40X	48.5mm	24mm	22mm
60X	48.1mm	24mm	22mm
100X	48.5mm	24mm	22mm

Magnification	A	B	C
4X	34.3mm	25mm	21.5mm
10X	42.4mm	25mm	23mm
40X	48.1mm	25mm	23mm
100X	48.7mm	25mm	23mm