

ZENITHSTAR 73 APO

Owner's Manual ver. 1.0
2018.09



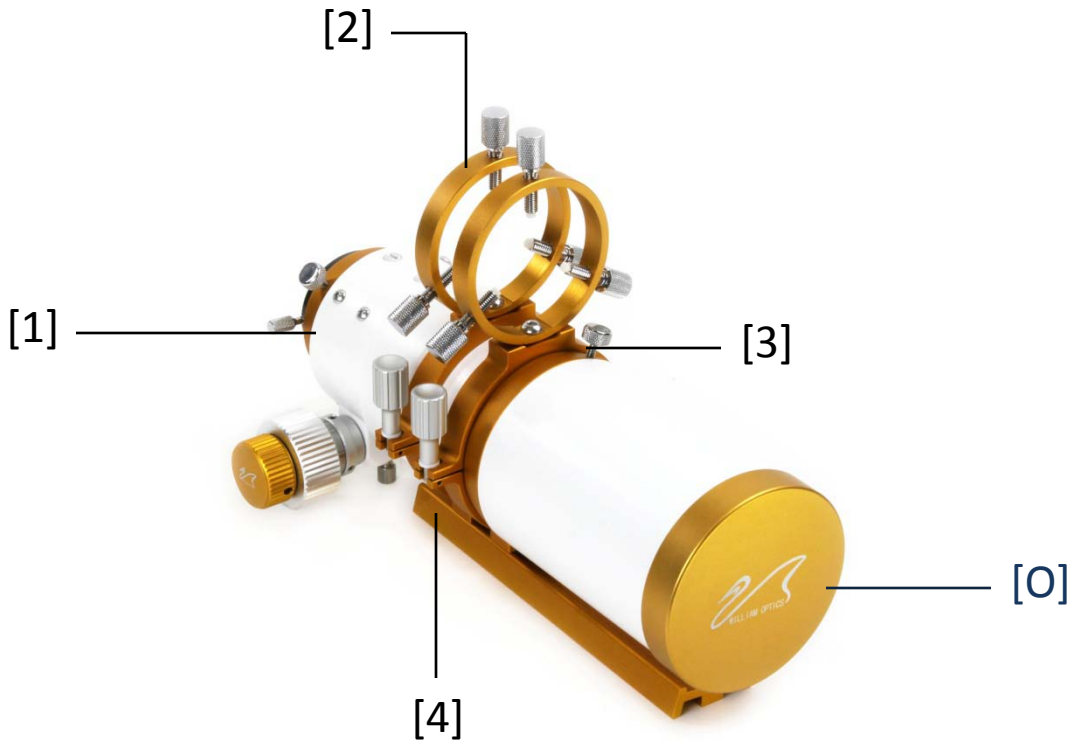
Contents

Specification	3
Package Contents	4
Tools necessary for this scope	4
Telescope Diagram	5
Accessories Map	10

Specification

Aperture	73mm
Focal Ratio	F/5.9
Focal Length	430mm
Image Circle	Z73 with Flat73 Φ 45mm
Limiting magnitude	10
Objective Type	Synthetic Flourite FPL 53 Doublet, Air Spaced, APO Fully Multi-Coated, SMC coating.
Lens Shade	Retractable
Focuser	2.5" R&P Ultra robust focuser with 1:10 Dual Speed micro focuser
Field Stops	Baffles
Mounting Rings	Provide
Tube Diameters	82mm
Tube Length	310mm Fully Retracted 405mm Fully Extended
Tube Weight	2.5kg(Rings and Dovetail include)

Package Contents



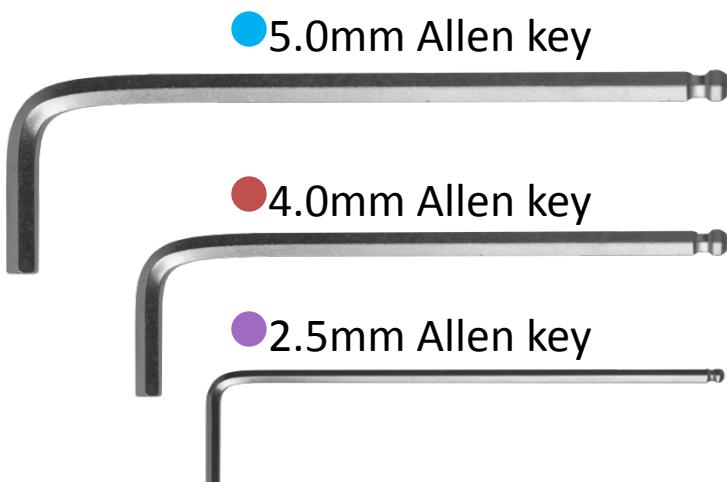
[1] 2.5" R&P Focuser
[3] Mounting Rings

[2] Guiding Rings
[4] Long Vixen Style Dovetail Plate

Optional

[0] Innovative Bahtinov Mask Cover (Patented)

Tools necessary for this scope



● 5.0mm Allen key

● 4.0mm Allen key

● 2.5mm Allen key

● Your Hands



Optional



[O]Bahtinov Mask



1. Main Tube



● Your Hands

Dew Shield Lock Screw

Extend



2. Retractable Dew Shield



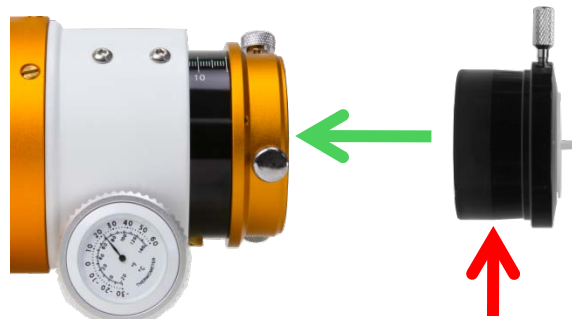
3. Draw Tube Tension Adjustment



- 2.5mm Allen key
- Your Hands



4. Temperature Gauge



5. 1.25" Adapter



6. Two inch draw tube locking screws



7. Vixen Style Bracket Holder Screws for Finder bracket (remove both screws before use)



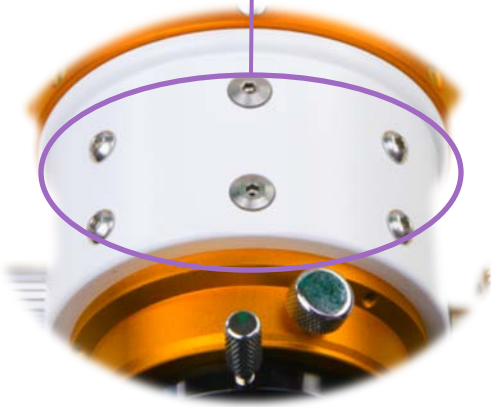
2.5mm Screw

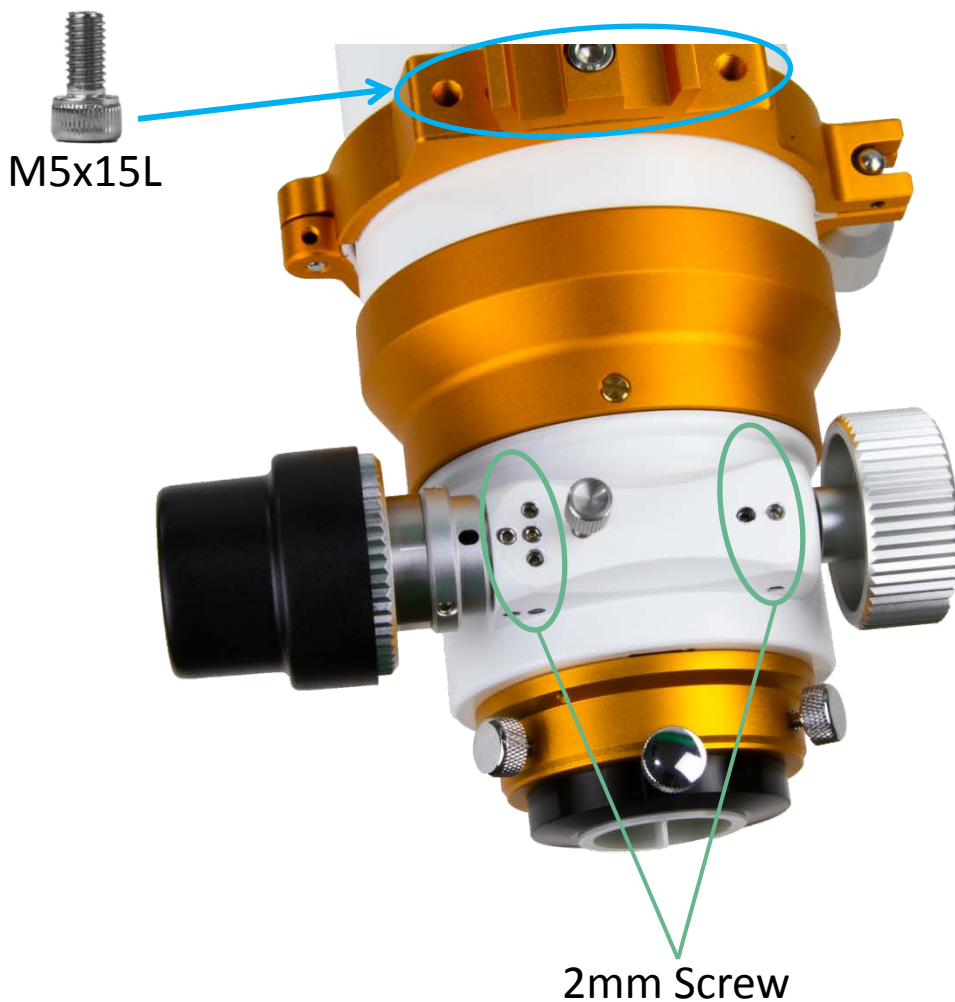
● 2.5mm Allen key

● Your Hands



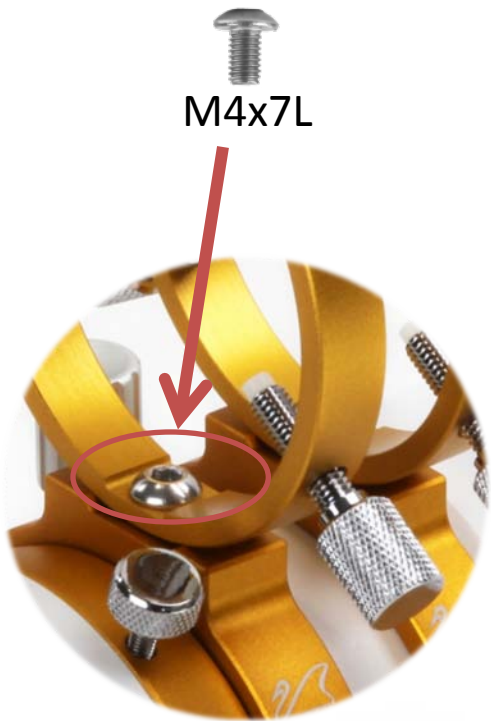
8. 10:1 Ratio Fine Knob



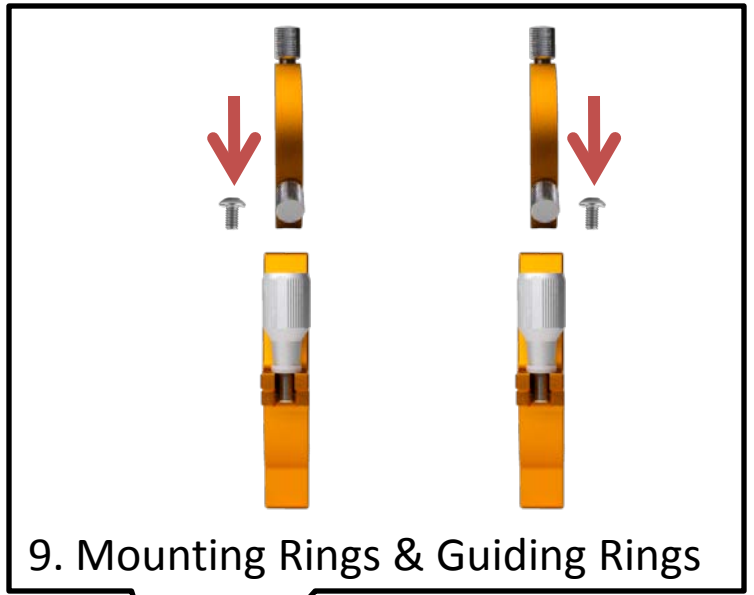


The focuser drawtube smoothness can be adjusted using a 2 mm Allen key and tension should be adjusted **ONLY** when necessary by progressively tightening the screw until you reach the desired smoothness.

NOTE: DO NOT ADJUST IT BEFORE ASKING WO



M4x7L

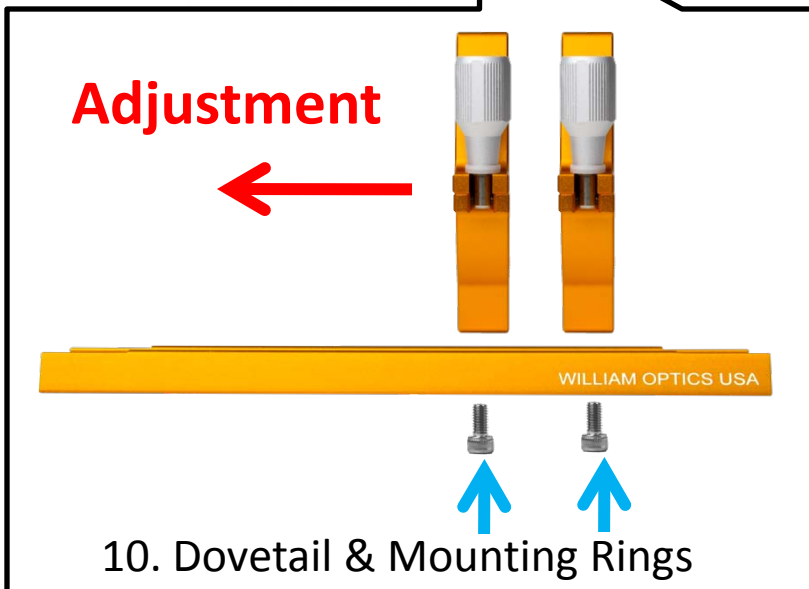


9. Mounting Rings & Guiding Rings



● 4.0mm Allen key

● 5.0mm Allen key



Adjustment



WILLIAM OPTICS USA

10. Dovetail & Mounting Rings



M5x15L



1.25" Dielectric CF Plate



SPL 12.5mm (1.25 inch) Eyepiece



1.25" 45° Erecting Prism



SWAN 9mm



Guiding scope



2.5" M63 Angle Rotator



Adjustable Flat6A II



T-Mount



2" Diagonal



SWAN 33mm



2" to 1.25" Adapter



M63 to M48 Photo adapter



CCD Camera



Equatorial Mount