

# ZENITHSTAR 126 APO

Owner's Manual ver. 1.0  
2018.09



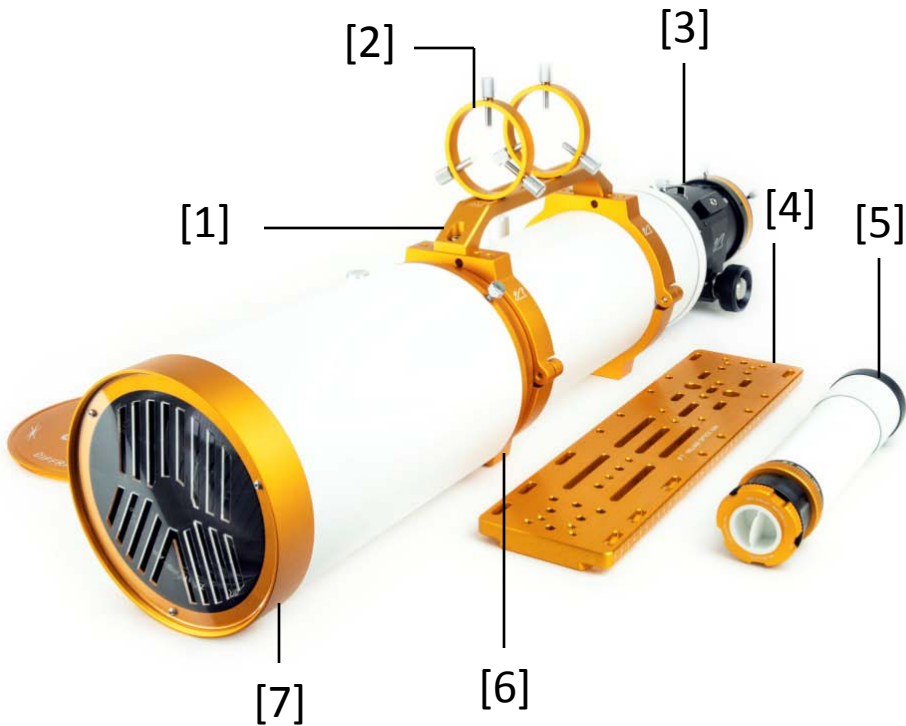
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# Specification

Aperture	126mm
Focal Ratio	F/7.7
Focal Length	970mm
Image Circle	Z126 with Flat 6A II $\Phi$ 43mm
Limiting magnitude	11
Objective Type	Synthetic Flourite FPL 53 Doublet, Air Spaced, APO Fully Multi-Coated, SMC coating.
Lens Shade	Retractable
Focuser	Extra-smooth new 3" Crayford Focuser 360 deg. rotatable. with 1:10 Dual Speed micro focuser
Field Stops	Baffles
Mounting Rings	provided
Tube Diameters	141mm
Tube Length	667mm Fully Retracted 856mm Fully Extended
Tube Weight	9.94kg (Rings and Dovetail include)

## Package Contents



[1] CNC Carry Handle Bar

[2] Guiding Rings

[3] 2.5" R&P Focuser

[4] New Losmandy Style Dovetail

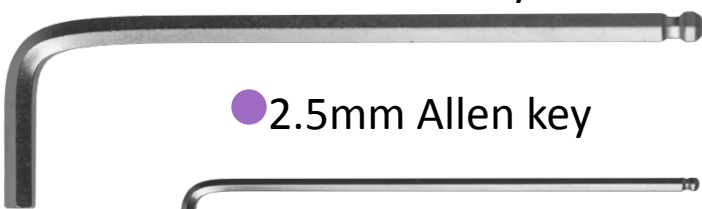
[5] Guiding Scope

[6] Mounting Rings

[7] Innovative Bahtinov Mask Cover (Patented)

## Tools necessary for this scope

● 5.0mm Allen key



● 2.5mm Allen key



● Your Hands



# Telescope Diagram





4. Focuser Rotation Locking Screw



5. 2" Adapter Locking Screws



● Your Hands



6. Focuser Lock Screw

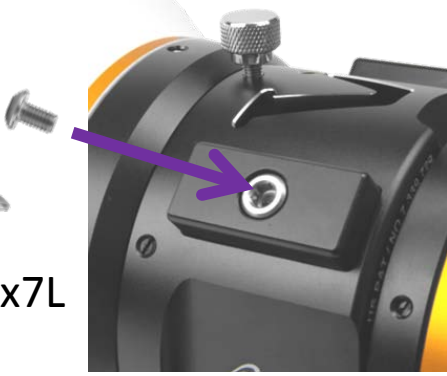
Do not over tighten  
(Release the lock when focusing)



7. 1.25" Adapter



M2.5x7L



8. Bracket Holder Screws for Finder Bracket



9. Draw Tube Holder Screws



- Your Hands
- 5.0mm Allen key
- 2.5mm Allen key



10. Camera Angle Rotation Locking Screw



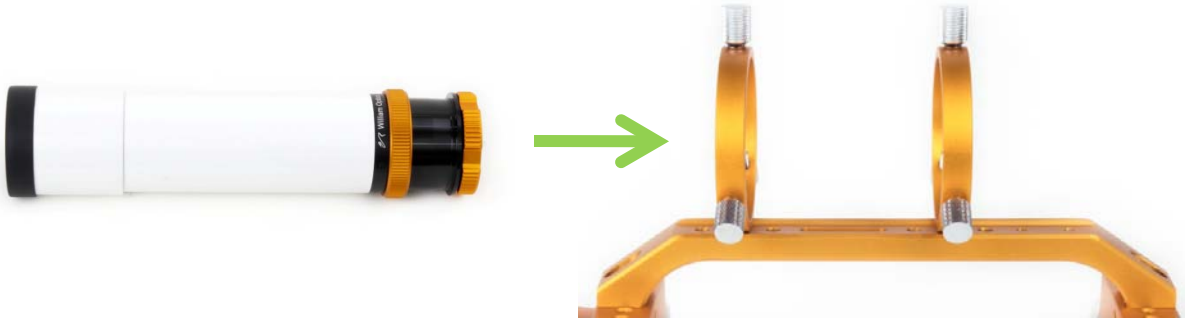
11. 10:1 Ratio Fine Knob



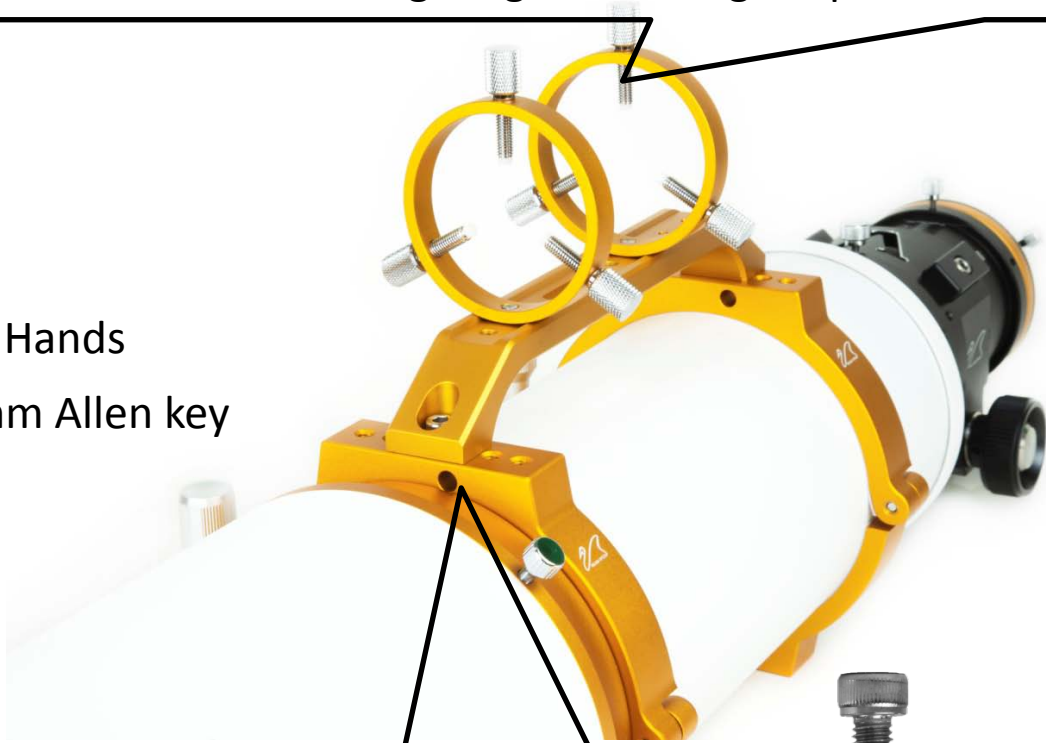
The 3" focuser drawtube smoothness can be adjusted using a **2.5 mm** Allen key and tension should be adjusted **ONLY** when necessary by progressively tightening the screw until you reach the desired smoothness.

**NOTE: DO NOT ADJUST IT BEFORE ASKING WO**





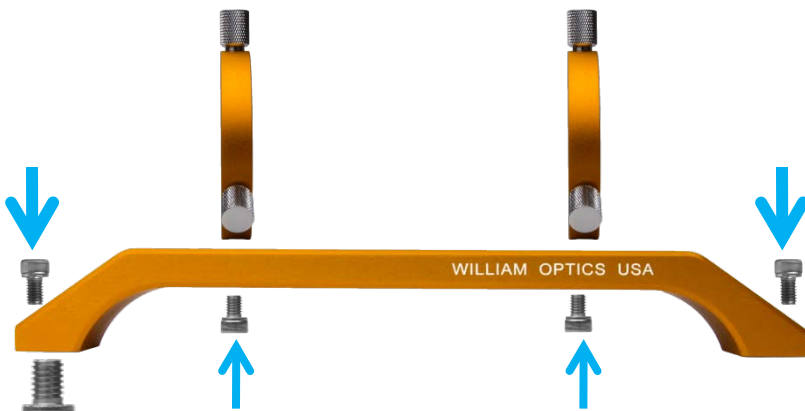
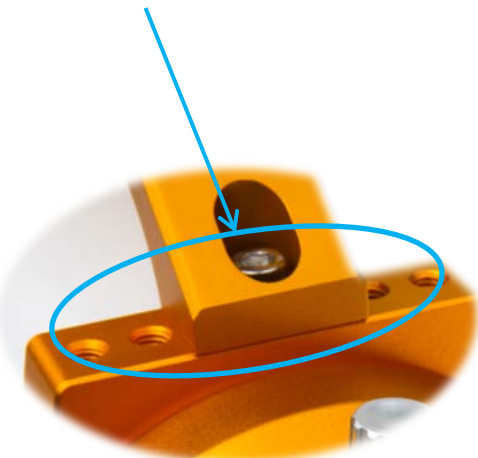
## 12. Guiding Rings & Guiding Scope



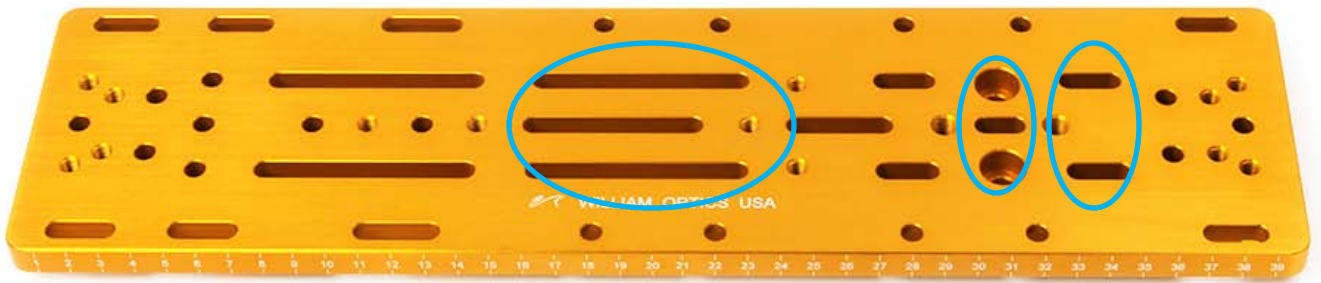
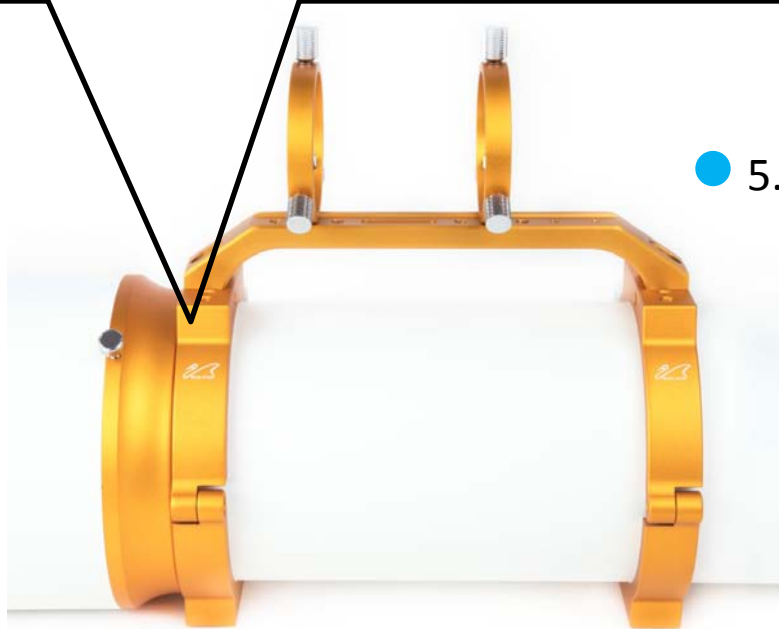
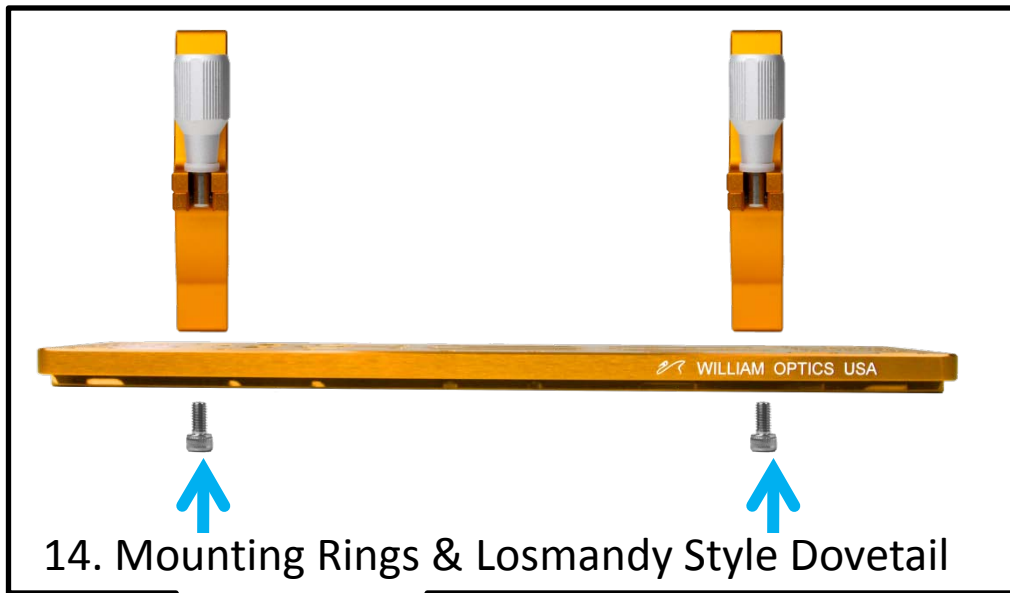
- Your Hands
- 5.0mm Allen key



M5x11L



## M5x7L 13. Handle & Guiding Rings



15. Losmandy Style Dovetail

# Accessories Map

