



Crayford reducer by EleusisT adapted for ST80 stock focuser

c

changepierre

[VIEW IN BROWSER](#)

updated 7. 1. 2025 | published 7. 1. 2025

Summary

Slip-fit main knob + attachment plate that uses the stock focuser screws.

[Learning](#) > [Physics & Astronomy](#)

Remixes the main knob so it can be slip-fitted on a skywatcher ST80 stock focuser knob.

If you want **truly smooth operation**, see the **anti-wiggle needle mod here** : <https://www.printables.com/model/1138512-crayford-reducer-for-st80-anti-wiggle-needle-mod>

Adds an attachment plate that uses the 4 stock bottom focuser screws.
Use 2 M3x10-15mm screws to attach the reducer to the attachment plate.

NO PERMANENT MODIFICATION is done to the telescope :-).

This remix is based on



V2 Crayford Focuser Reducer 1:10

by EleusisT

Model files

[**st80_reducer_button.step**](#)

[**st80_reducer_attachment_plate.step**](#)

[**st80_attachment.stl**](#)



[**mainbutton-st80.stl**](#)



License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



[Attribution—Noncommercial—Share Alike](#)

- | Sharing without ATTRIBUTION
- | Remix Culture allowed
- | Commercial Use
- | Free Cultural Works
- | Meets Open Definition