

FRA20 80-mm Zeiss Refractor: Restoration/Adaptations

Issue: Wanted to adapt a Gustav Heyde, Dresden, multi-wire filar micrometer for use with the Zeiss refractor

Action taken: Used an existing threaded Zeiss brass coupler to create a custom coupler on the Heyde Micrometer; the coupler tube was sized down and then soldered to the Heyde micrometer flange: (see immediately below):

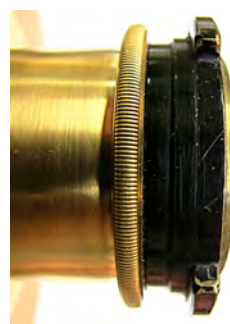
Result: Impressive Heyde micrometer fitted to an equally impressive Zeiss - no change to telescope; the brass coupler flange on micrometer was modified from some unknown telescope to accept the Zeiss quick-connect coupler.



Threaded Zeiss tube sized and soldered to Heyde micrometer mounting plate



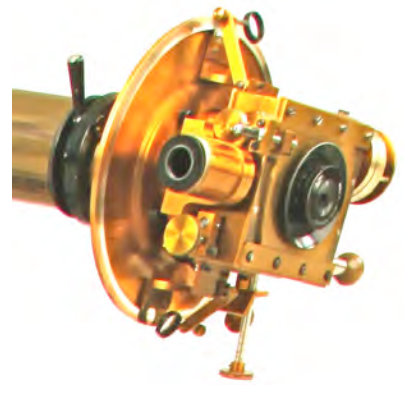
Zeiss quick connect coupler attached (black)



Detail of male coupler



Micrometer attached to telescope focus tube



Gustav Heyde Multi-wire Micrometer mounted on Zeiss telescope



FRA20: Gustav Heyde, Dresden, Multi-Wire Filar Micrometer.