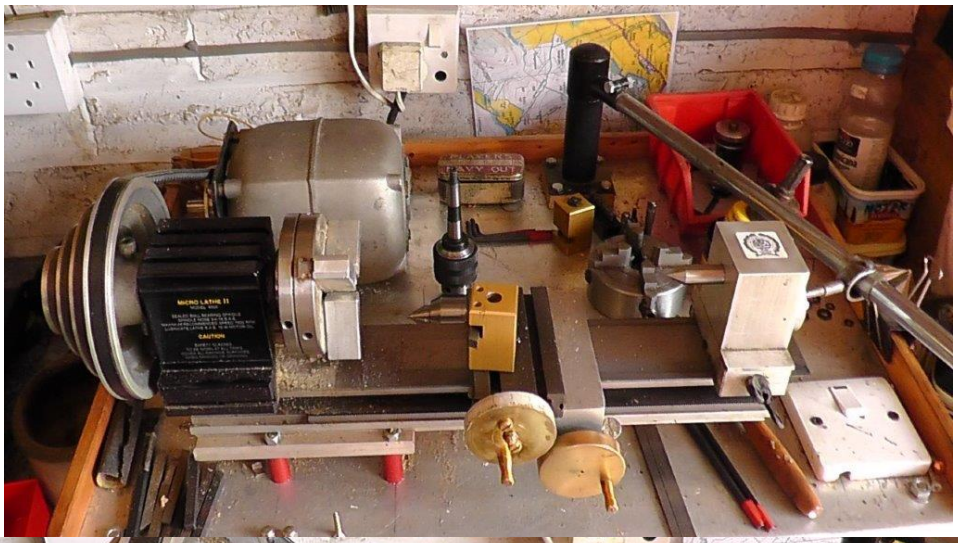
Taig Micro Lathe II

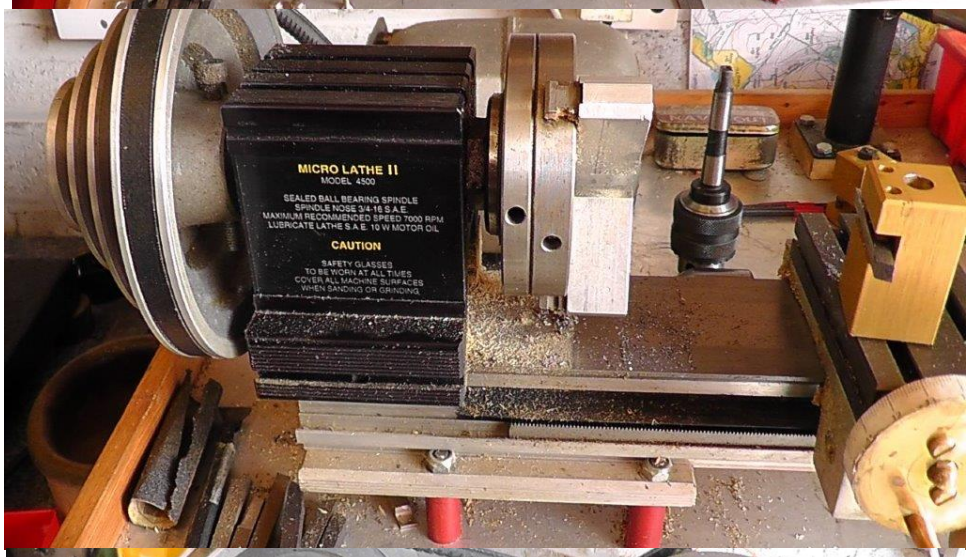
Rebuild, Restoration and Redesign.

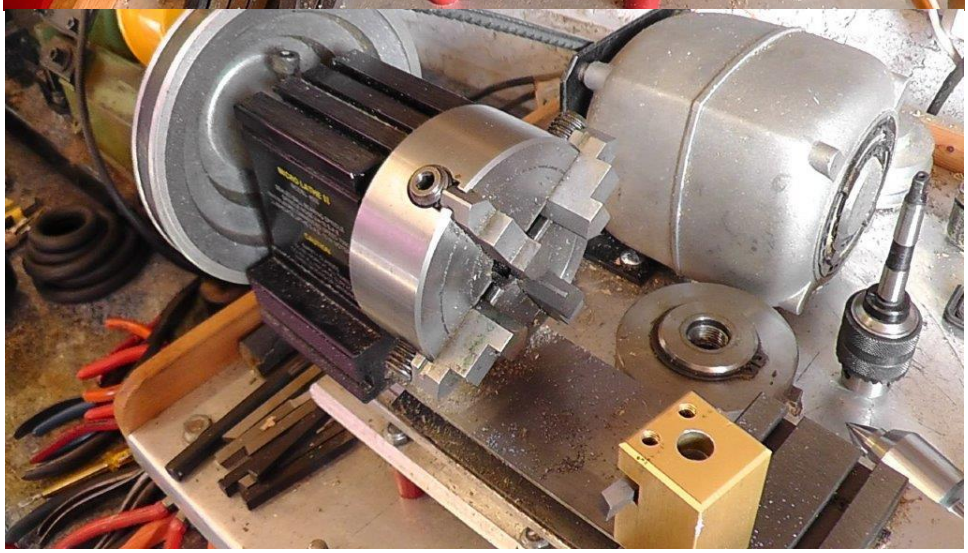
By Kieran Foley-Hall

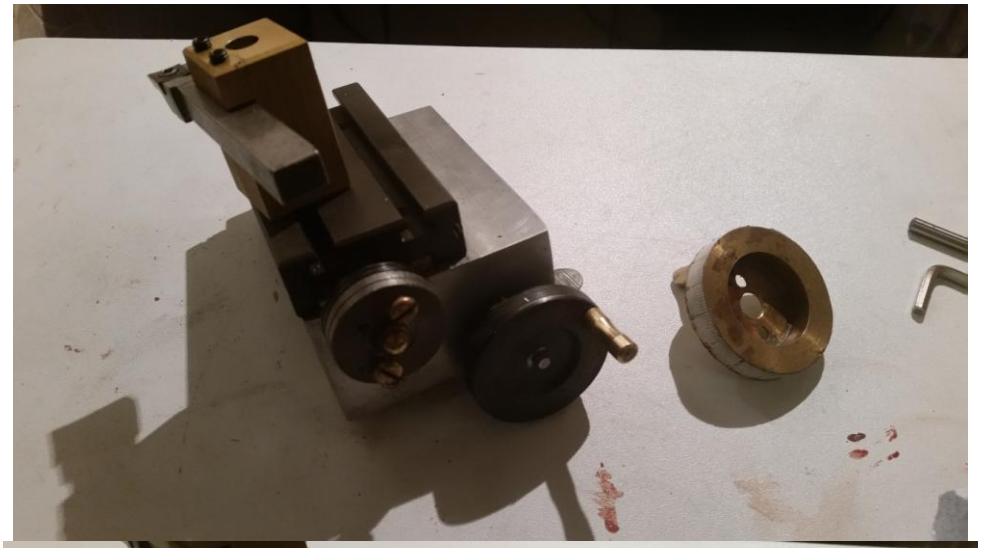
2016-2017

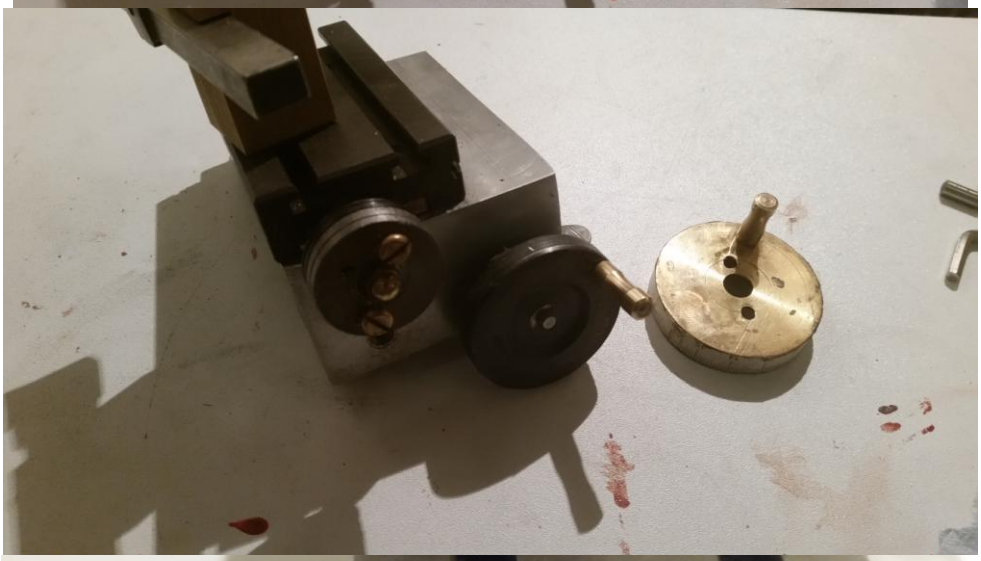
Original Condition









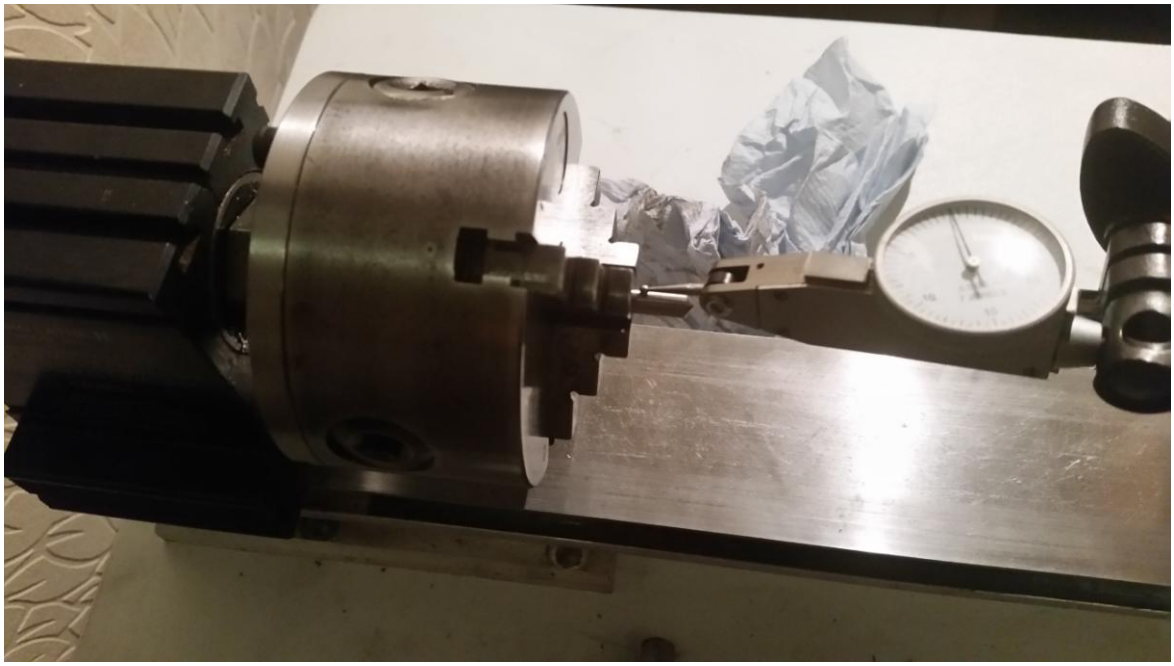


3 Jaw Chuck Work

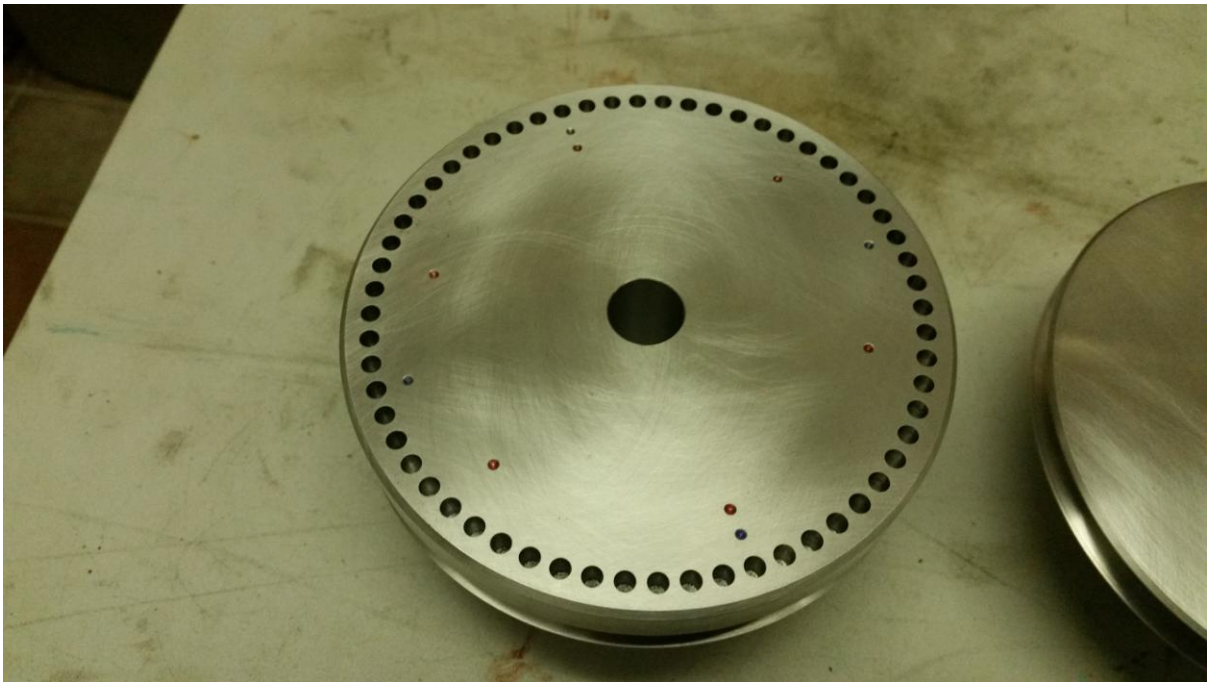
New chuck key and backing plate made.

Chuck stripped down and serviced.

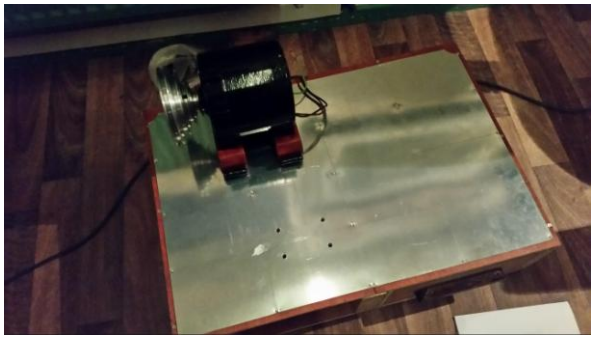
Running within 0.0005” with Test Bar.

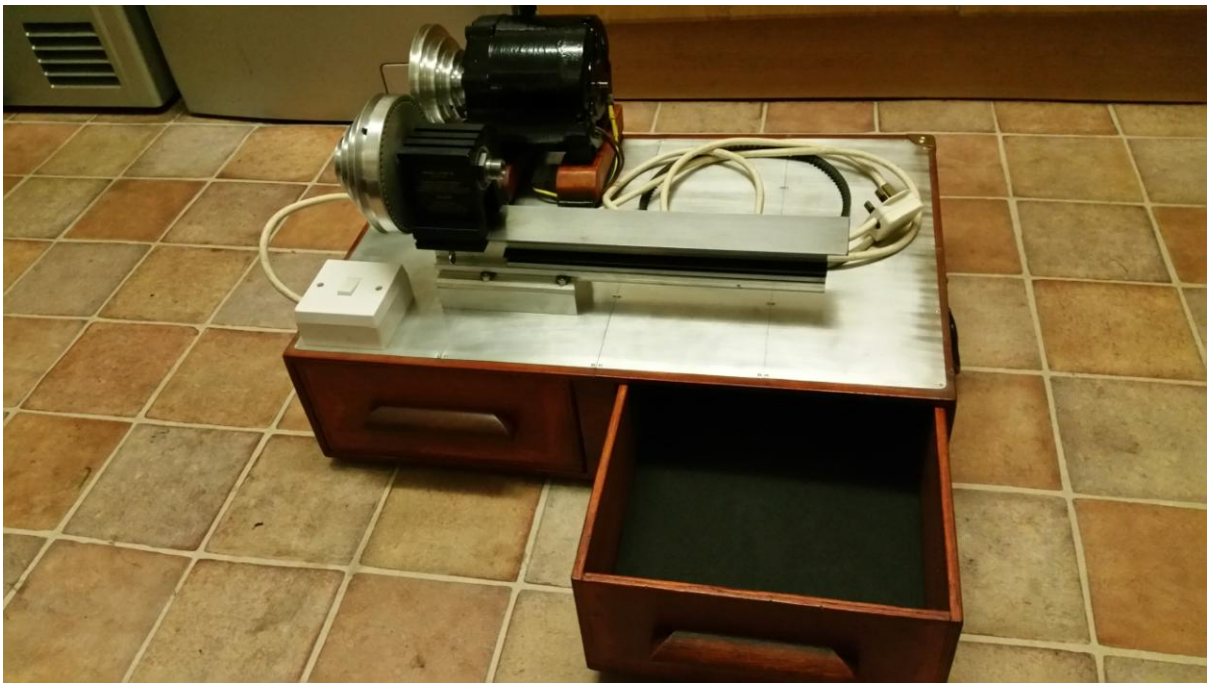


Reconditioned Motor and New Pulleys



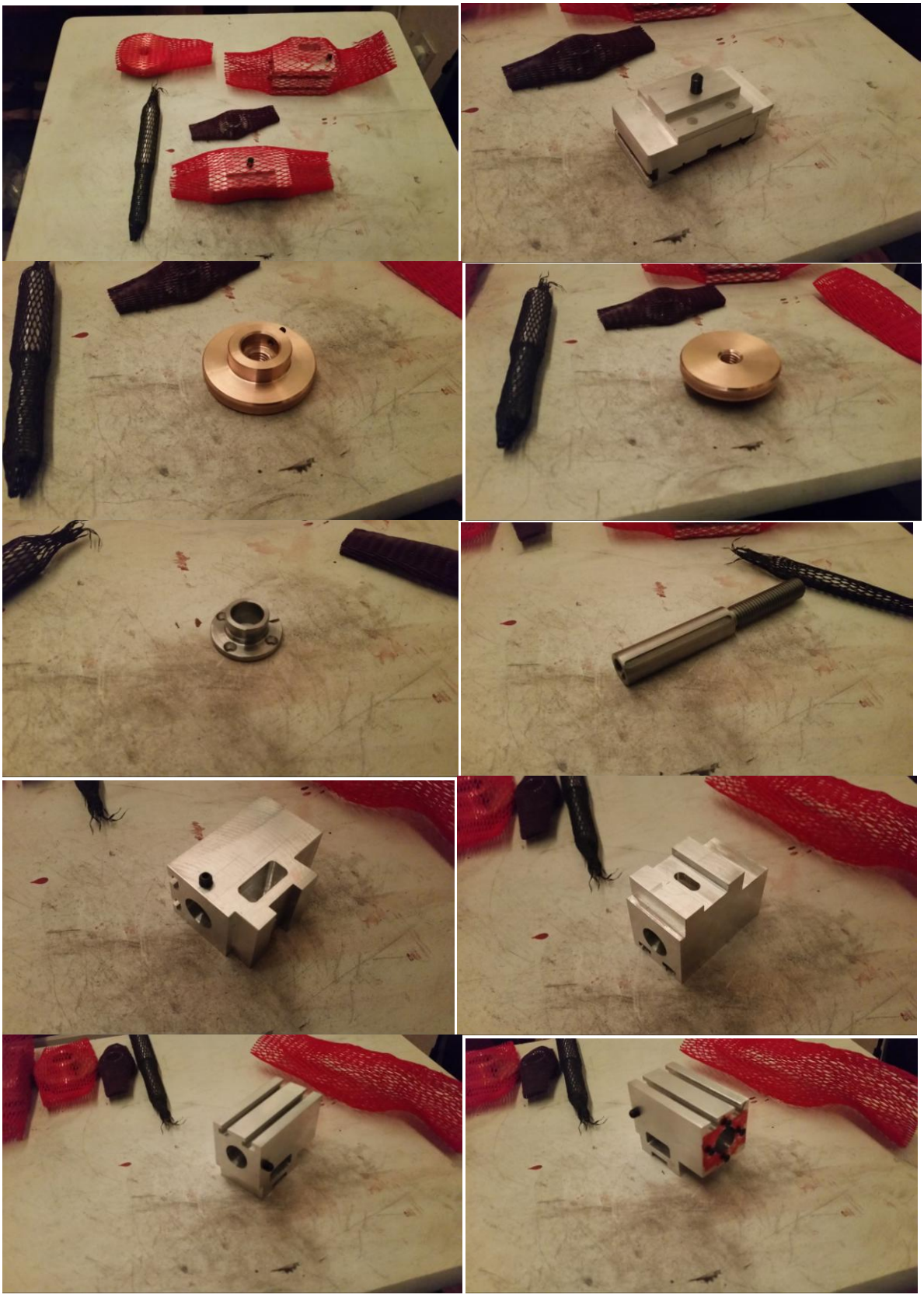
Making the Base and Mounting the Parts





Making and Designing New Parts

New Tailstock.

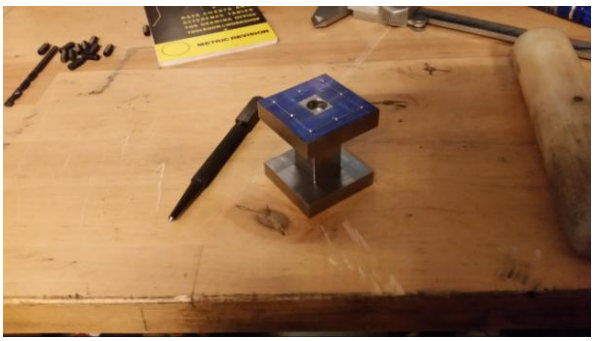


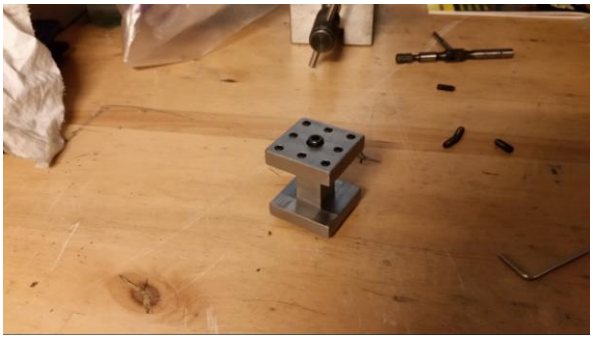
New Cross Slide Hand Wheel.

New Carriage Hand Wheel.

Support Block for end of Lathe and Indexing Block for use with the Pulley.

New 4 Way Steel Tool Post.

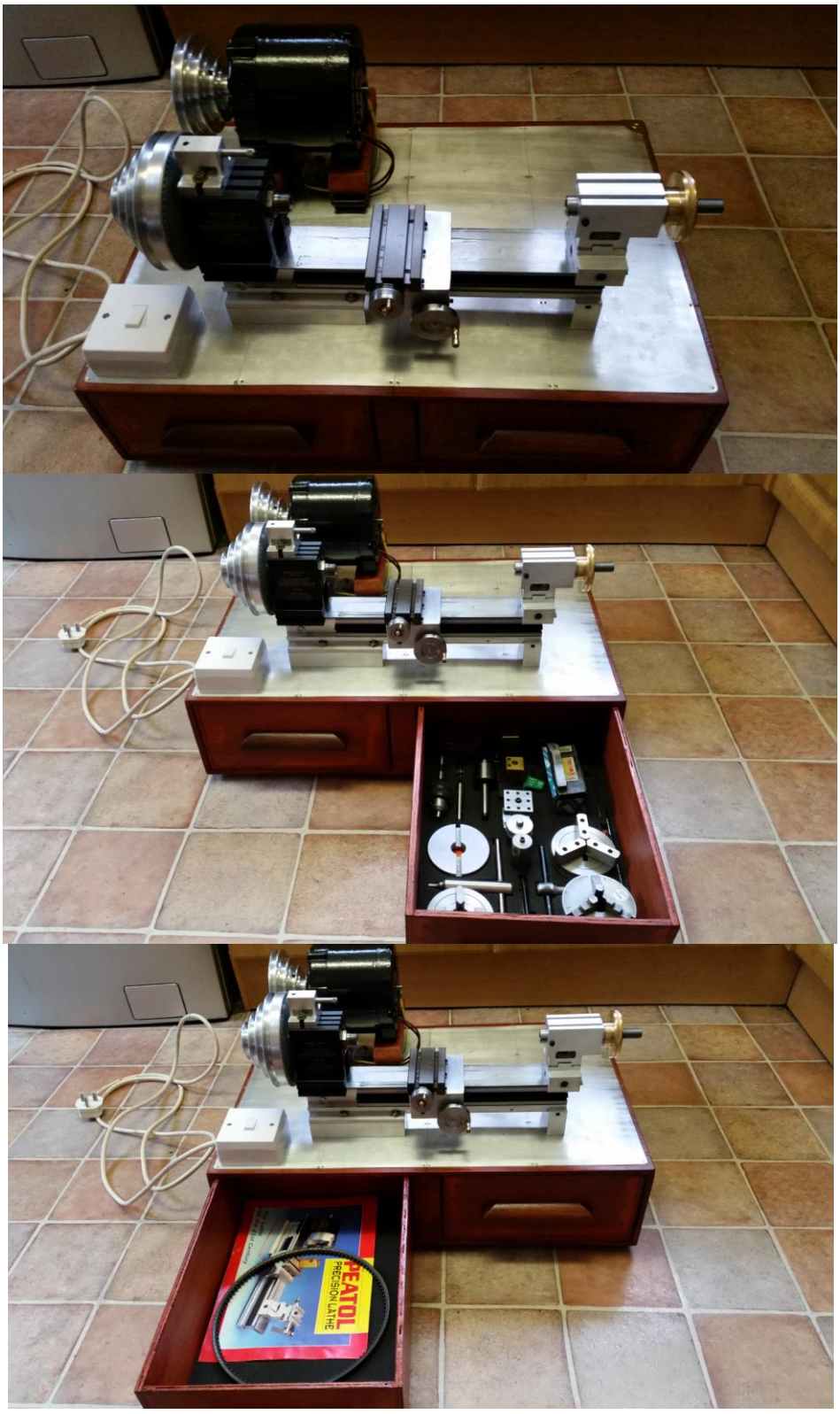




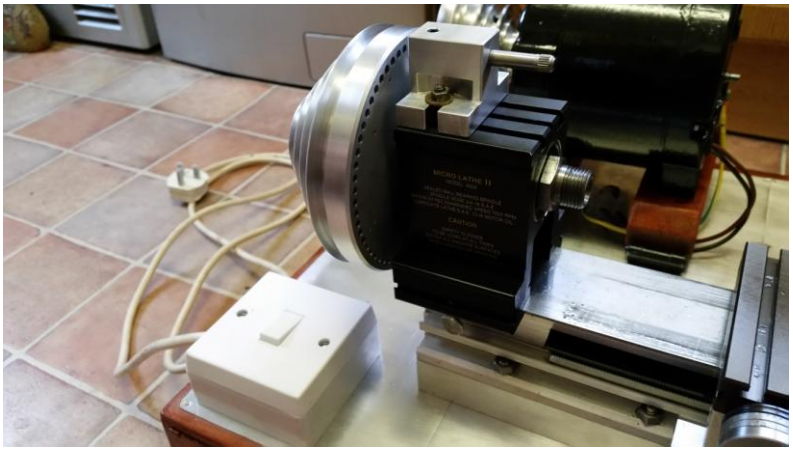
New Chuck Key for 4 Jaw Chuck.

Finishing and Clean Up

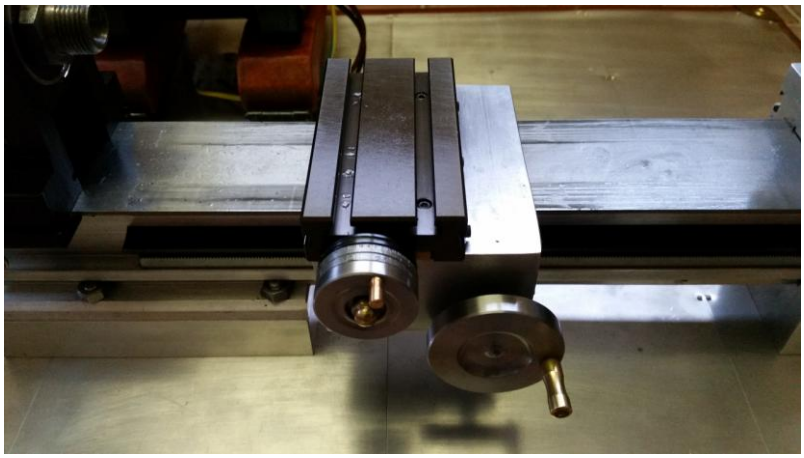
Final Assembly



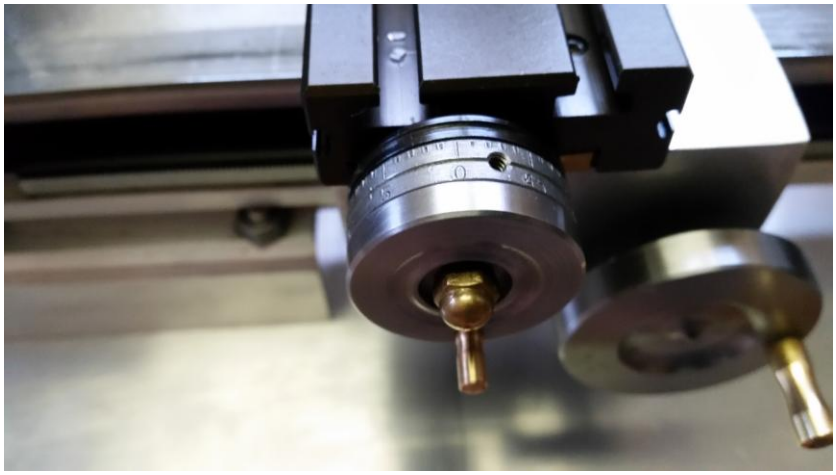
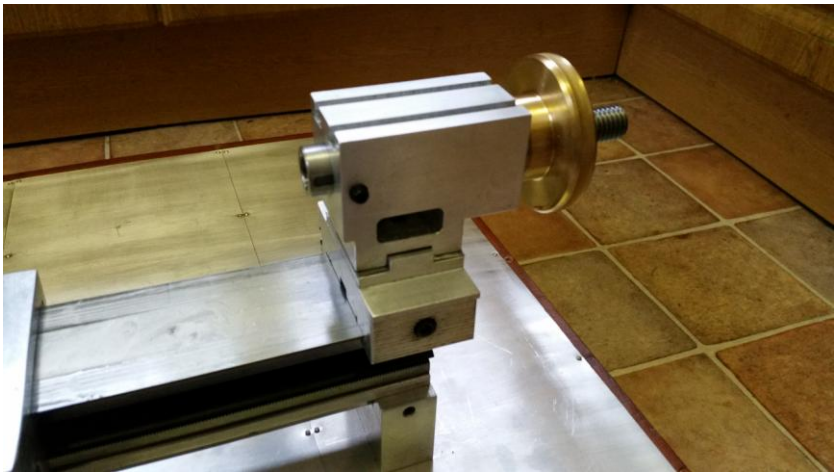
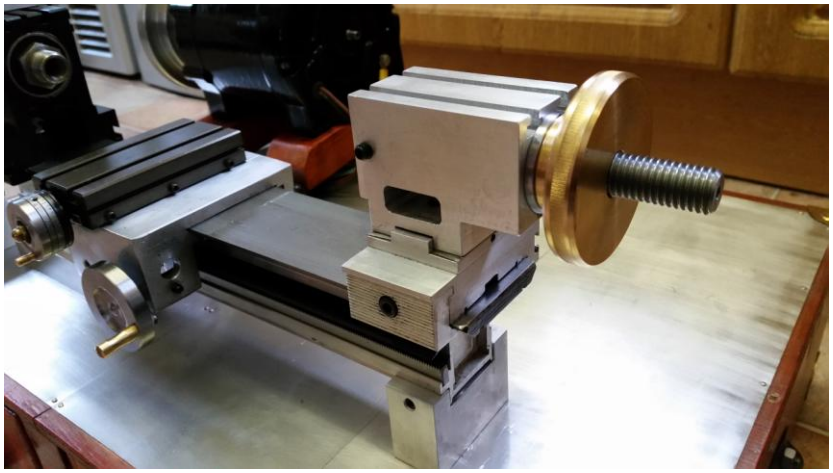
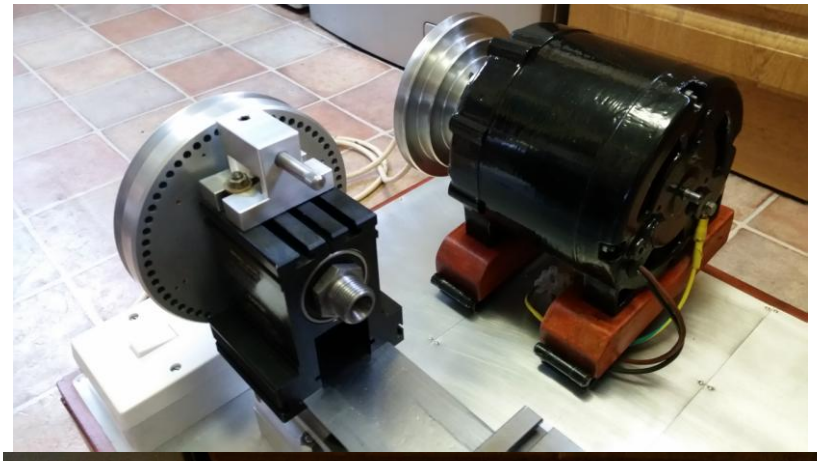
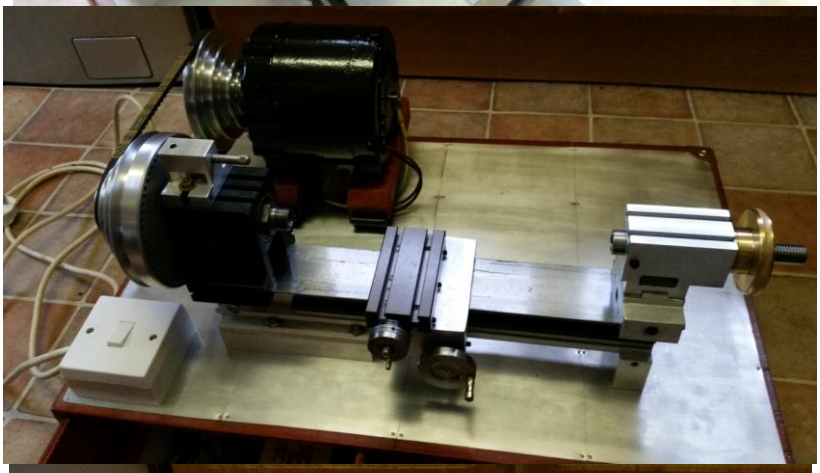
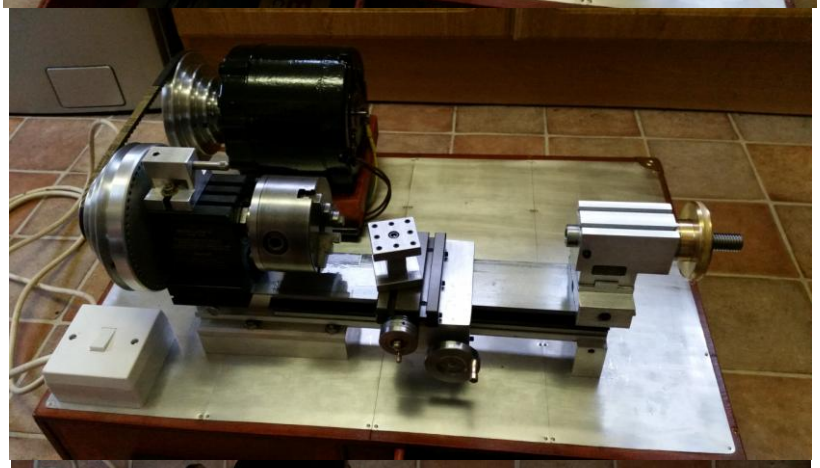
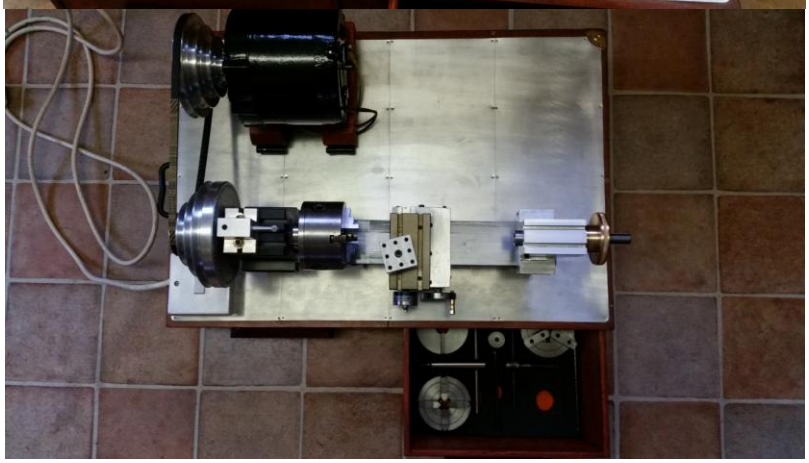
Indexing Pin and Pulley.



New Hand Wheels.



'Zero-able' graduated collar on cross slide.



New tail stock – N.o 1 Morse Taper.