

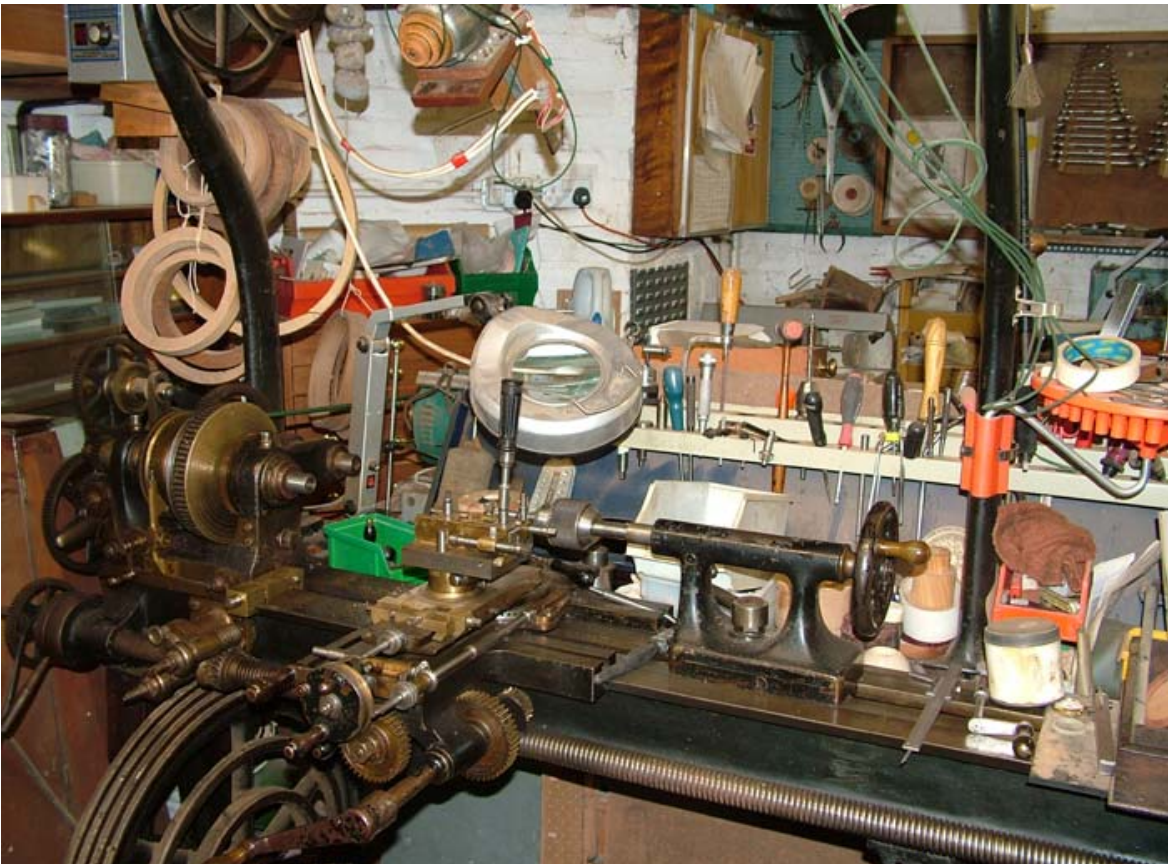
**Clearances:**

Height – 75” including 21” base  
Width – 2 @ 46” Door opening – 32”  
Depth of top 12” Depth of base – 20”



**Engineering and Ornamental Turning Lathe**  
made c.1890 by George Birch of Islington Tool Works, )  
Salford, Manchester, with accessories in two glazed  
cabinets. Originally supplied to Brigadier Wood and  
subsequently owned by the late William Thurlow.





Comprising: iron frame, twin mandrel non-traversing headstock, 5” height over saddle; with division plate & dividing engine with segment stops, back-gear, tumbler-reverse, full-length leadscrew, bed stop, full set of gears, twin-standard overhead drive with crane, screw-barrel tailstock with chuck, flywheel (lacking treadle), spherical slide-rest, sundry keys, spanners, materials etc.



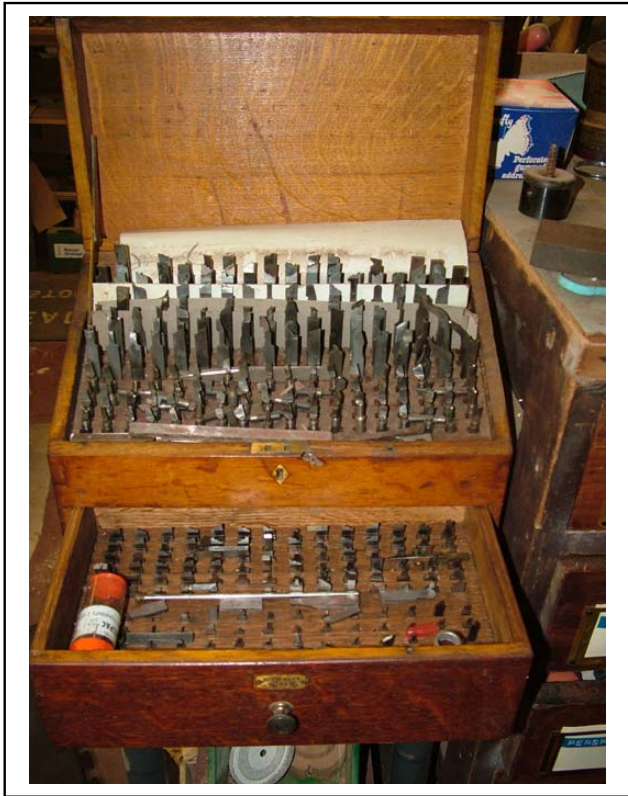


Left-hand cabinet containing engineering accessories and work-holding chucks; including: metal-turning slide-rest, milling slide & cutters, 10" faceplate, 10" Universal 4-jaw chuck, 6-jaw chuck, sundry 3 & 4-jaw SC chucks, driver chuck, boring collar, hand-rest & 2 tees, sundry tailstock centres, travelling steady, 2 angle plates. Drawers under containing gears for Epicycloidal Cutting Frame, a quantity of belting and small hardwood and ivory pieces





Right-hand cabinet containing: spiral apparatus with gears & reciprocator, gears for dividing engine, 3 drilling spindles (only one with drills to fit), collet spindle (no collets found), sundry work-holding chucks, medallion rest, fluting stops, ellipse chuck & cam-ring with compensating index, eccentric chuck, dome chuck with oblique movements, 2 universal cutting frames, ornamental slide-rest with curvilinear apparatus (lacking templates), epicycloidal cutting frame and sundry screw-thread chasers. Additional items: oak chest of cutters for slide-rest and cutting frames and a quantity of drills without a drilling spindle to fit them; a goniostat outfit (by Munro), a kit of cones for honing hollow-nose cutters and sundry items.

















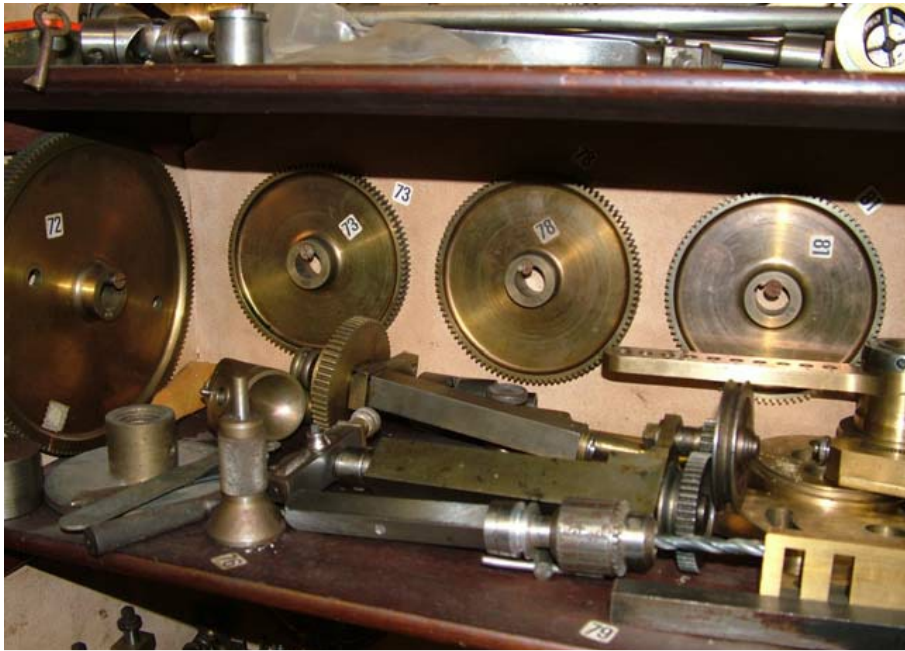




















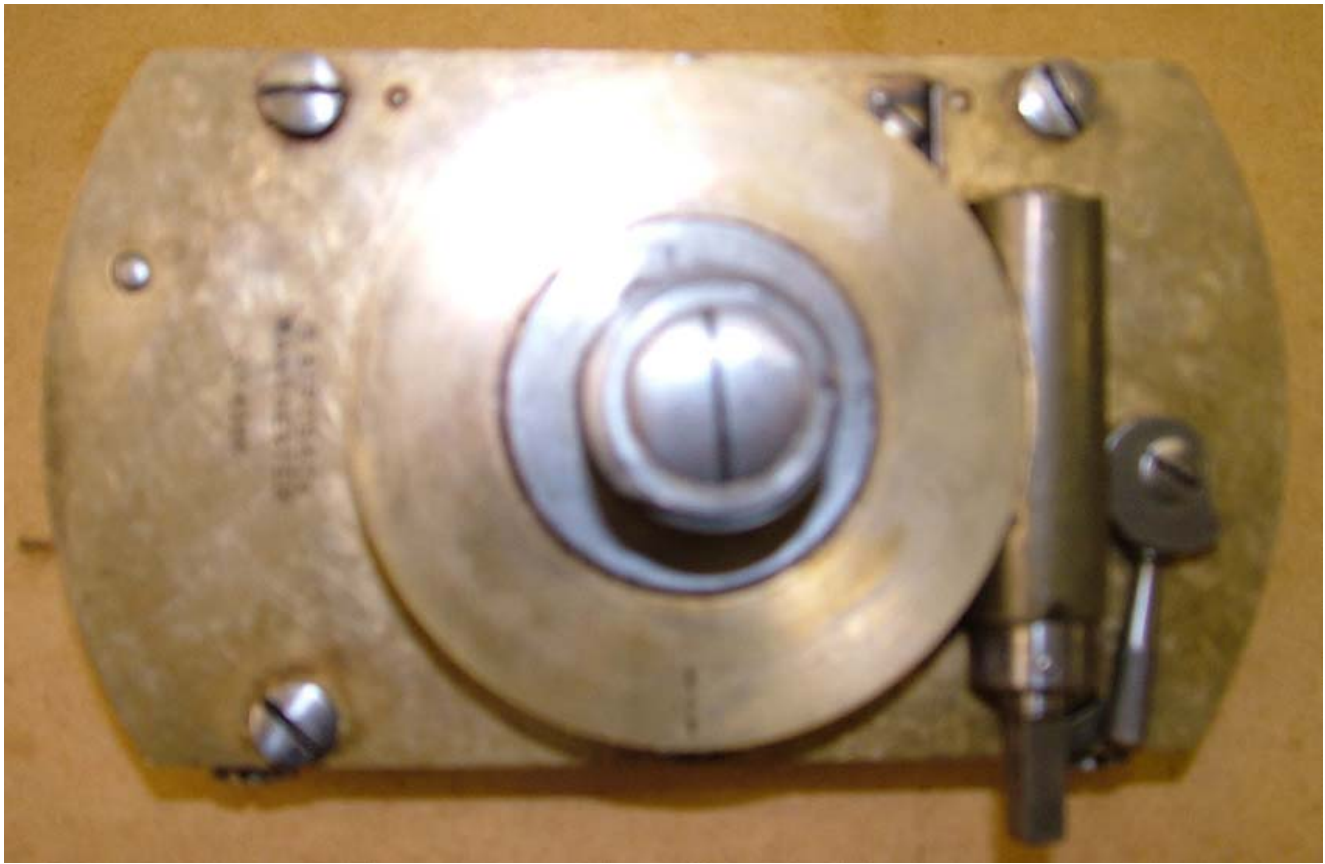


**Ornamental Turning Accessories for  
Wm. Thurlow's Birch Lathe**

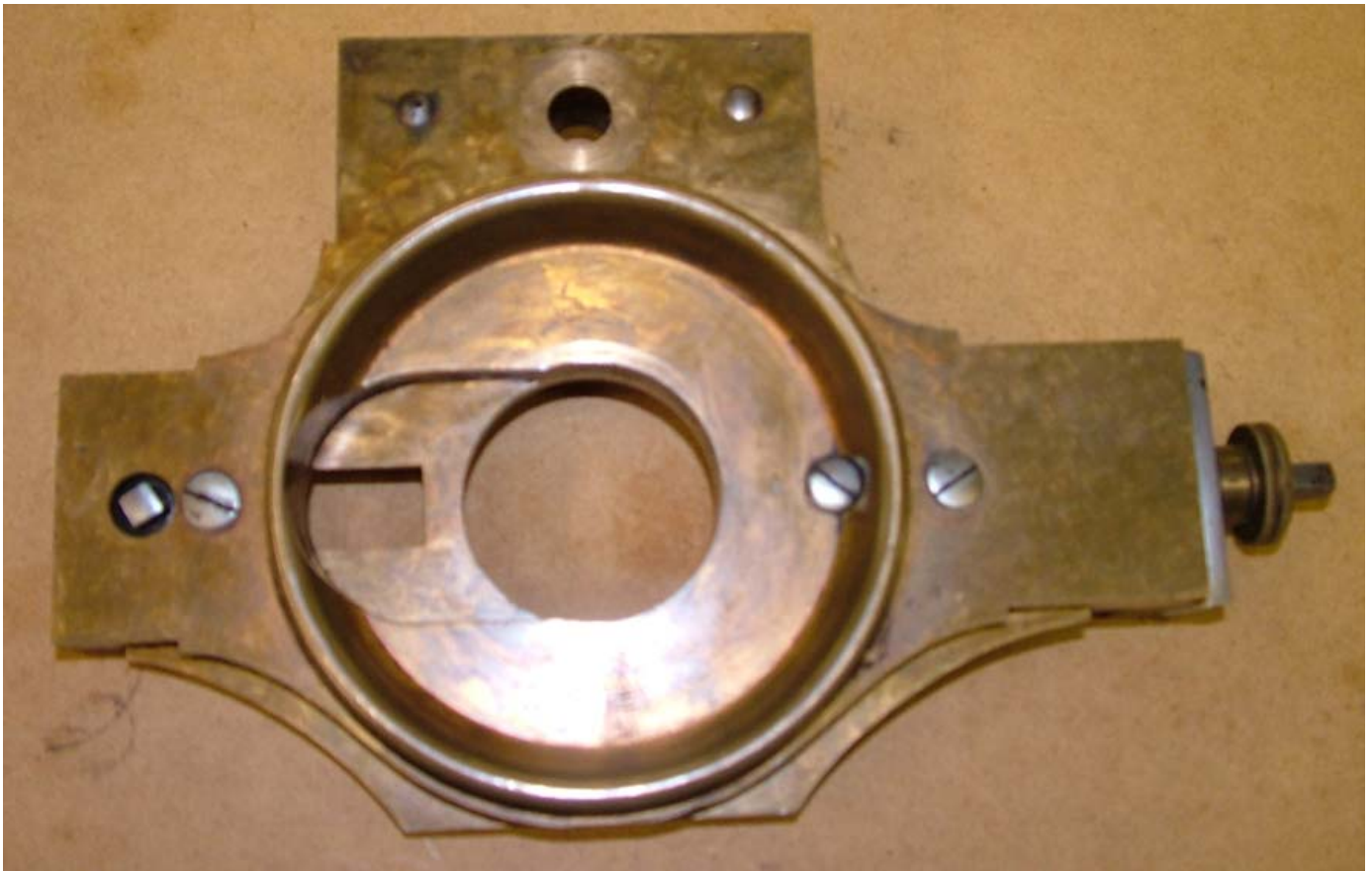


**Ellipse Chuck & Cam Ring**

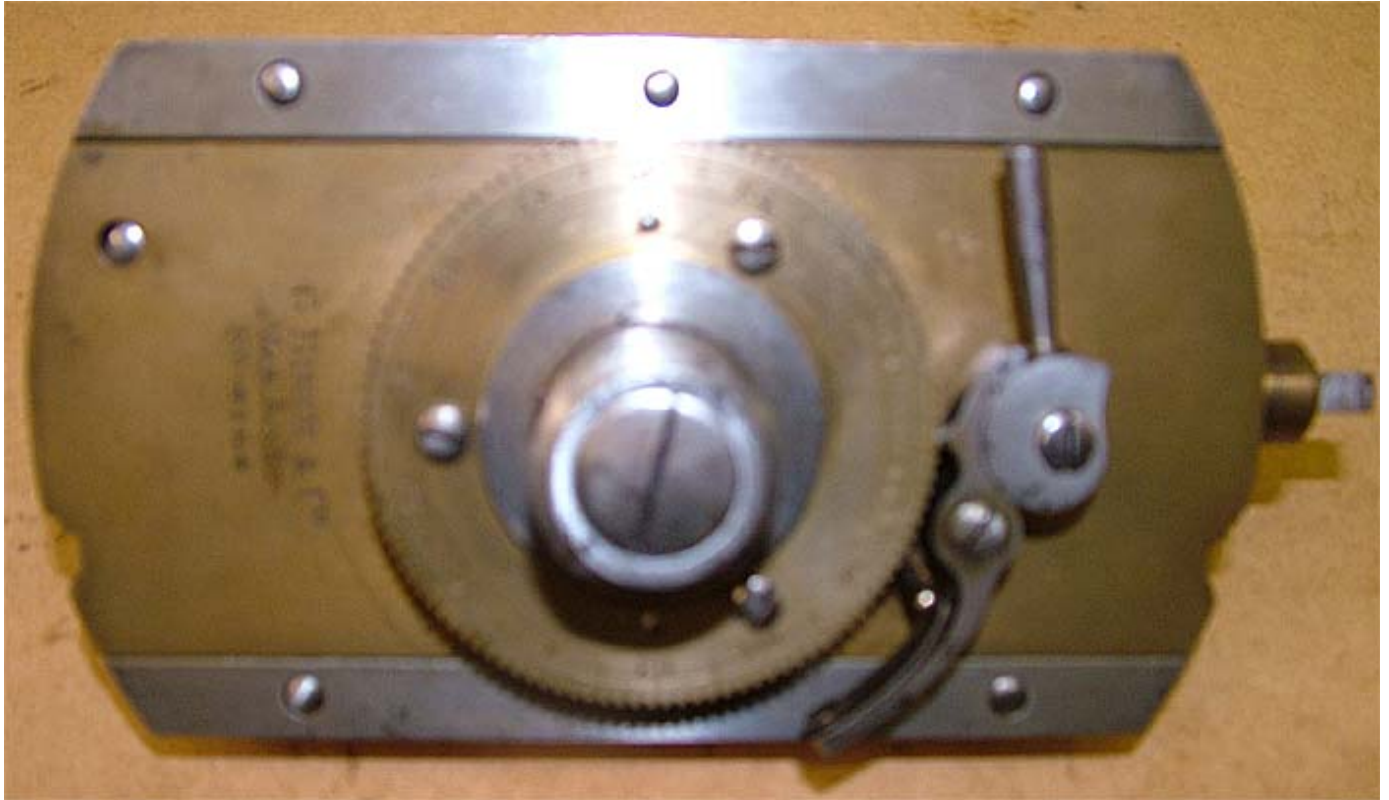




**Ellipse Chuck & Cam Ring**



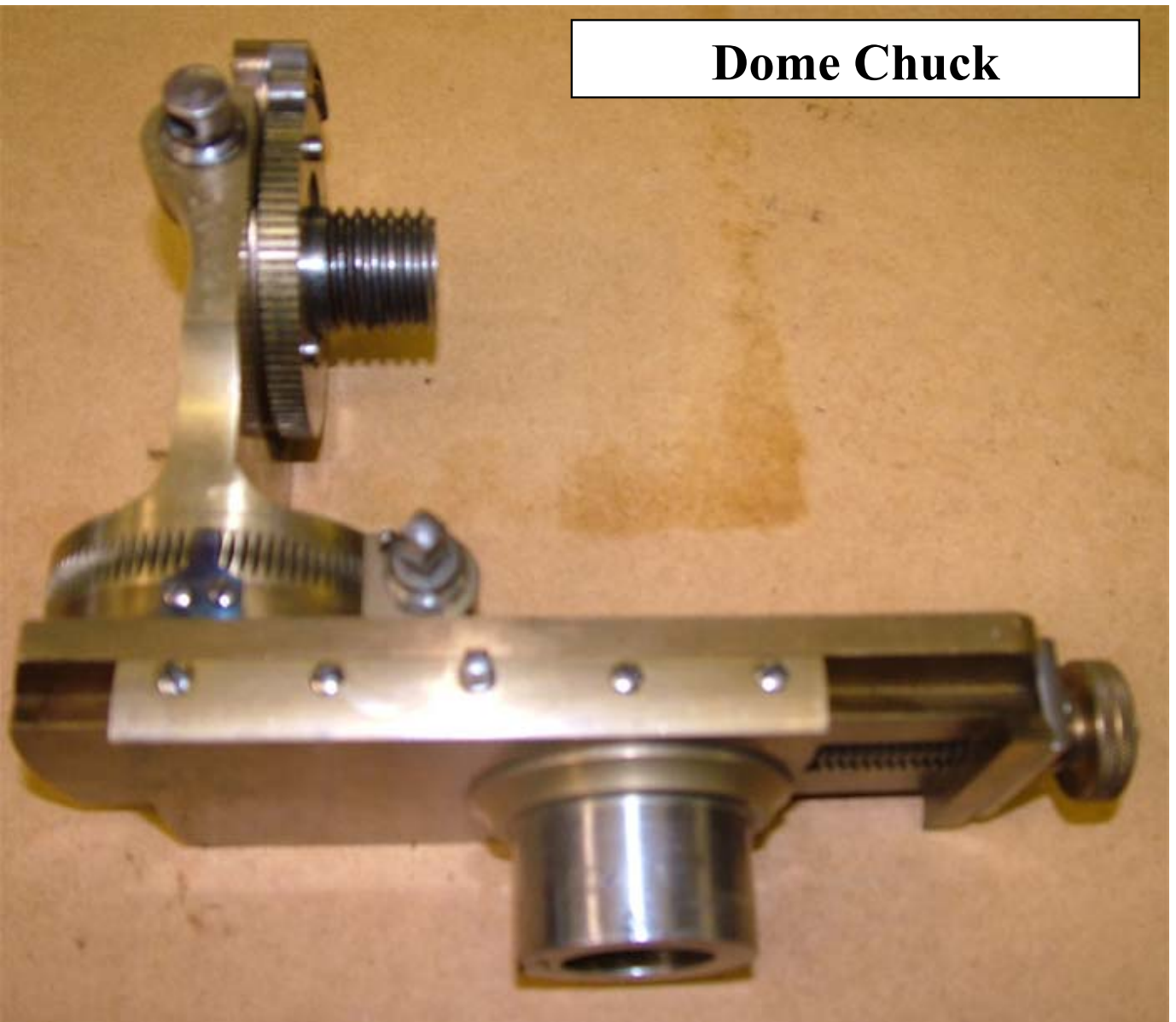




**Eccentric Chuck**



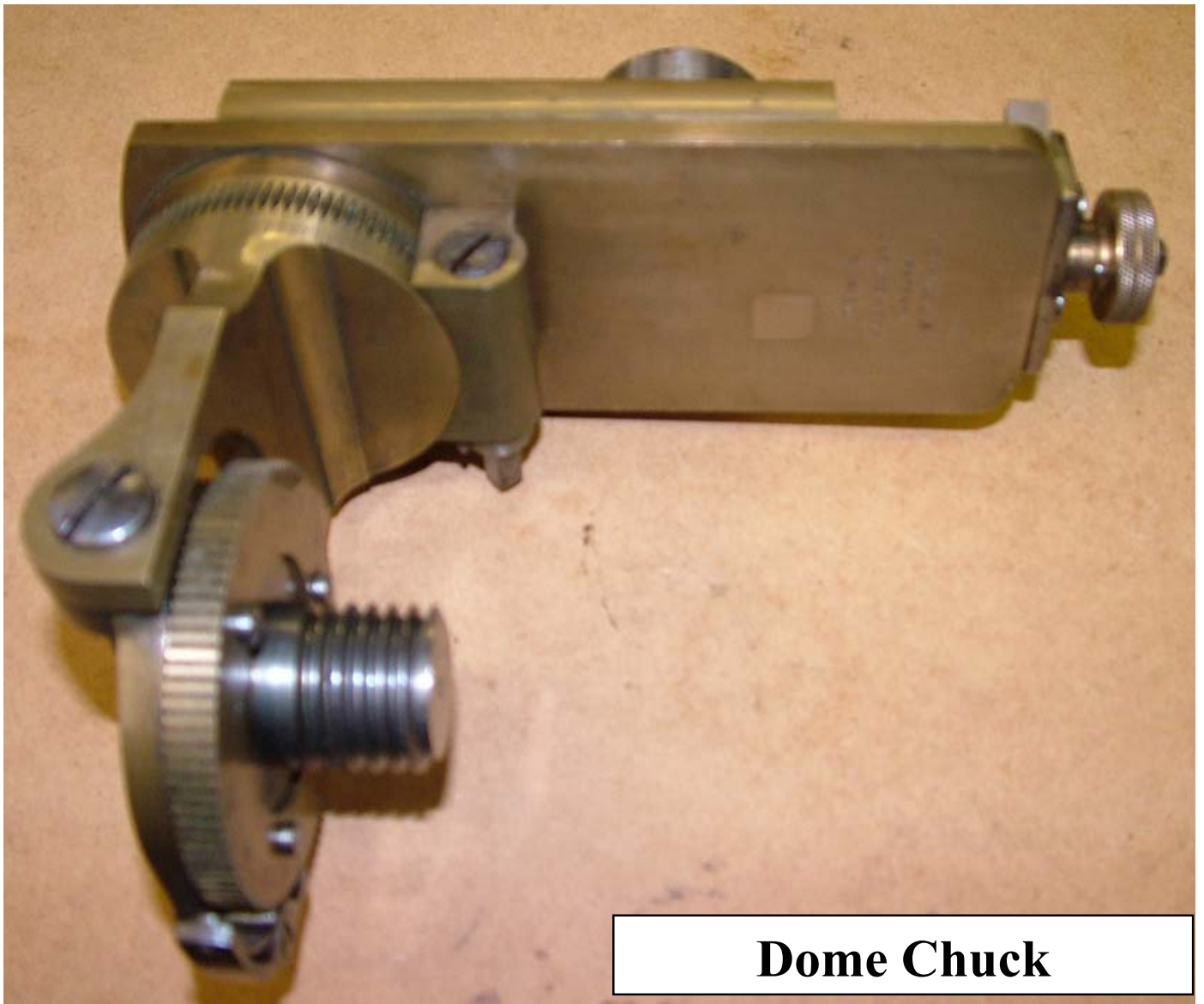
**Dome Chuck**



**with Dividing Wheels**







**Dome Chuck**



**Eccentric Cutting Frame**



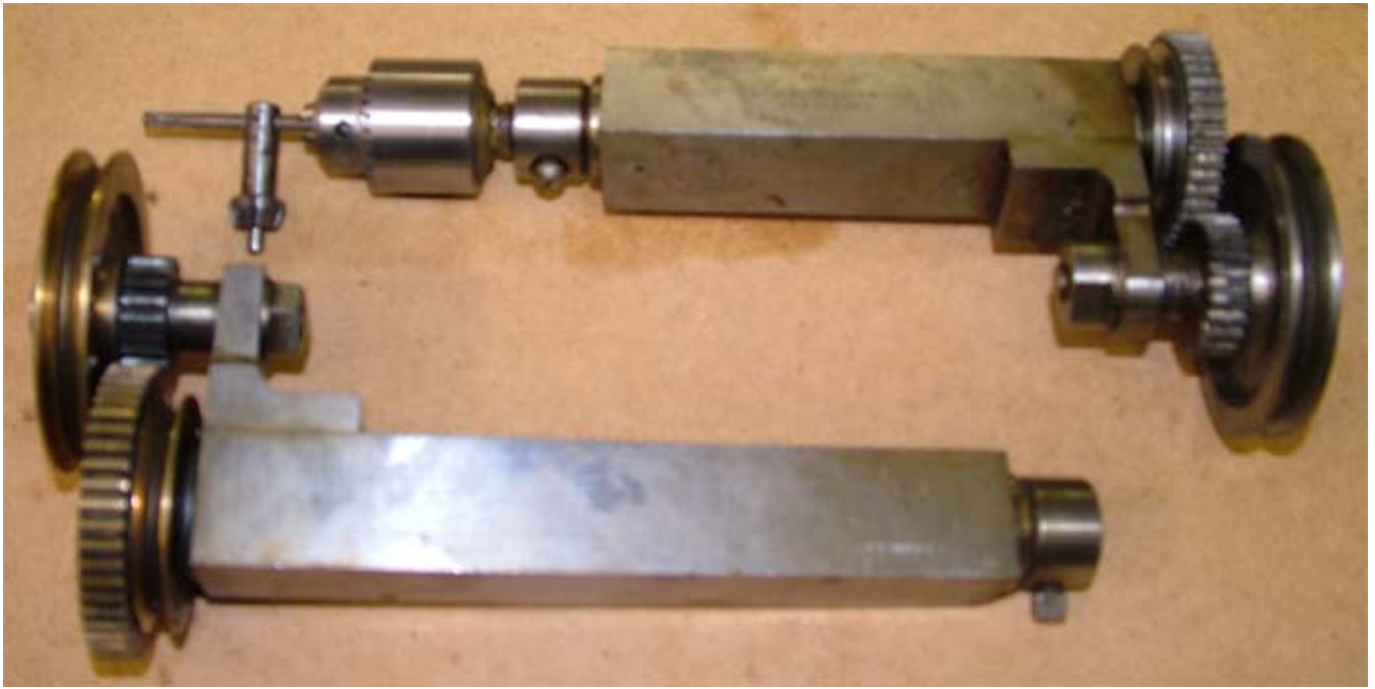
**Holtz Vertical Cutting**



**Collet Spindle**

**Holtz Drilling Spindle**





**Drilling Spindles**





**Reciprocator**







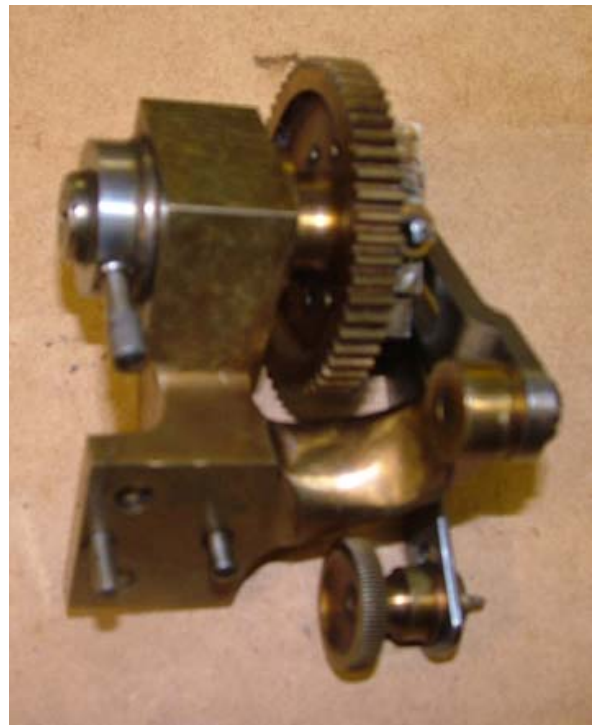
**Universal Cutting Frames**



## Spiral Apparatus



## Compensating Index



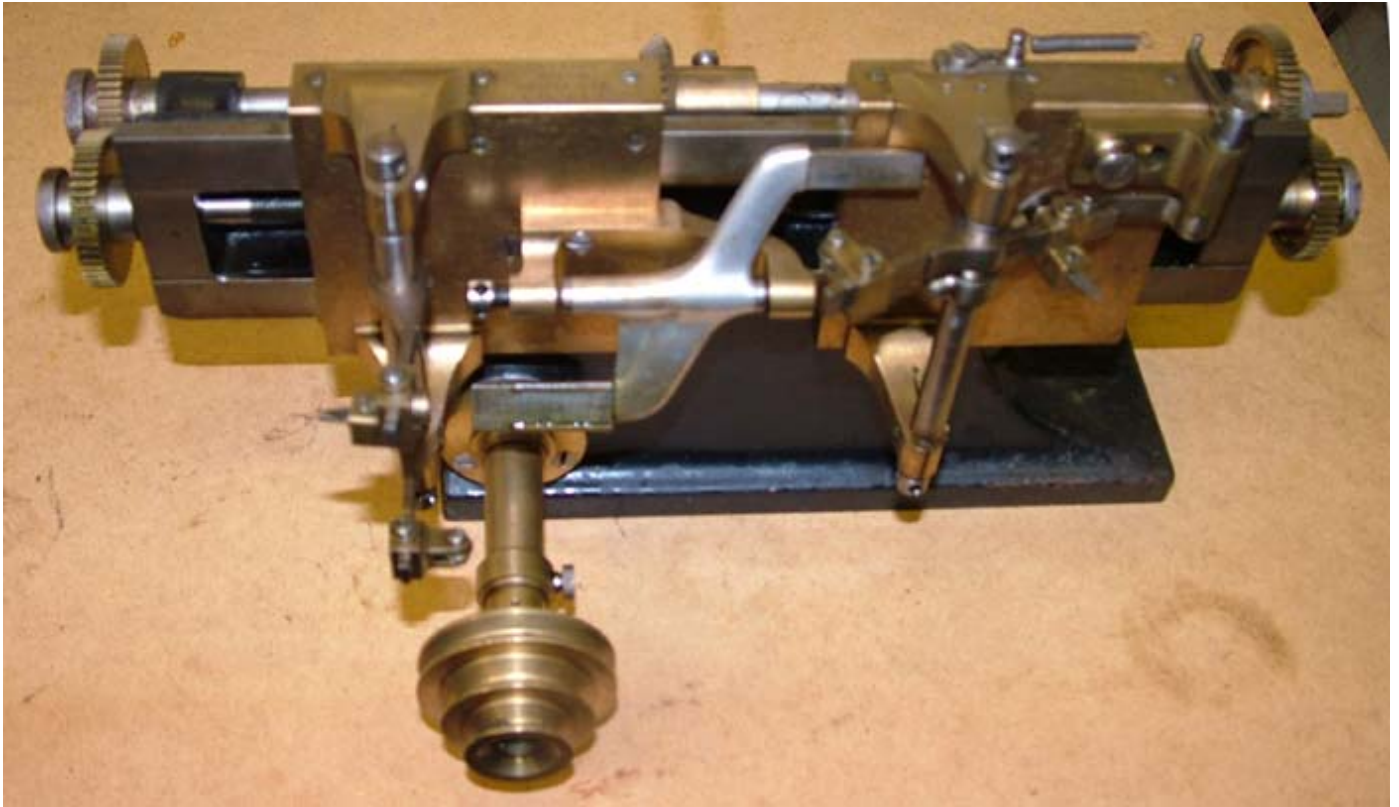




**Right Angle Drive**

**Ornamental Slide-rest**

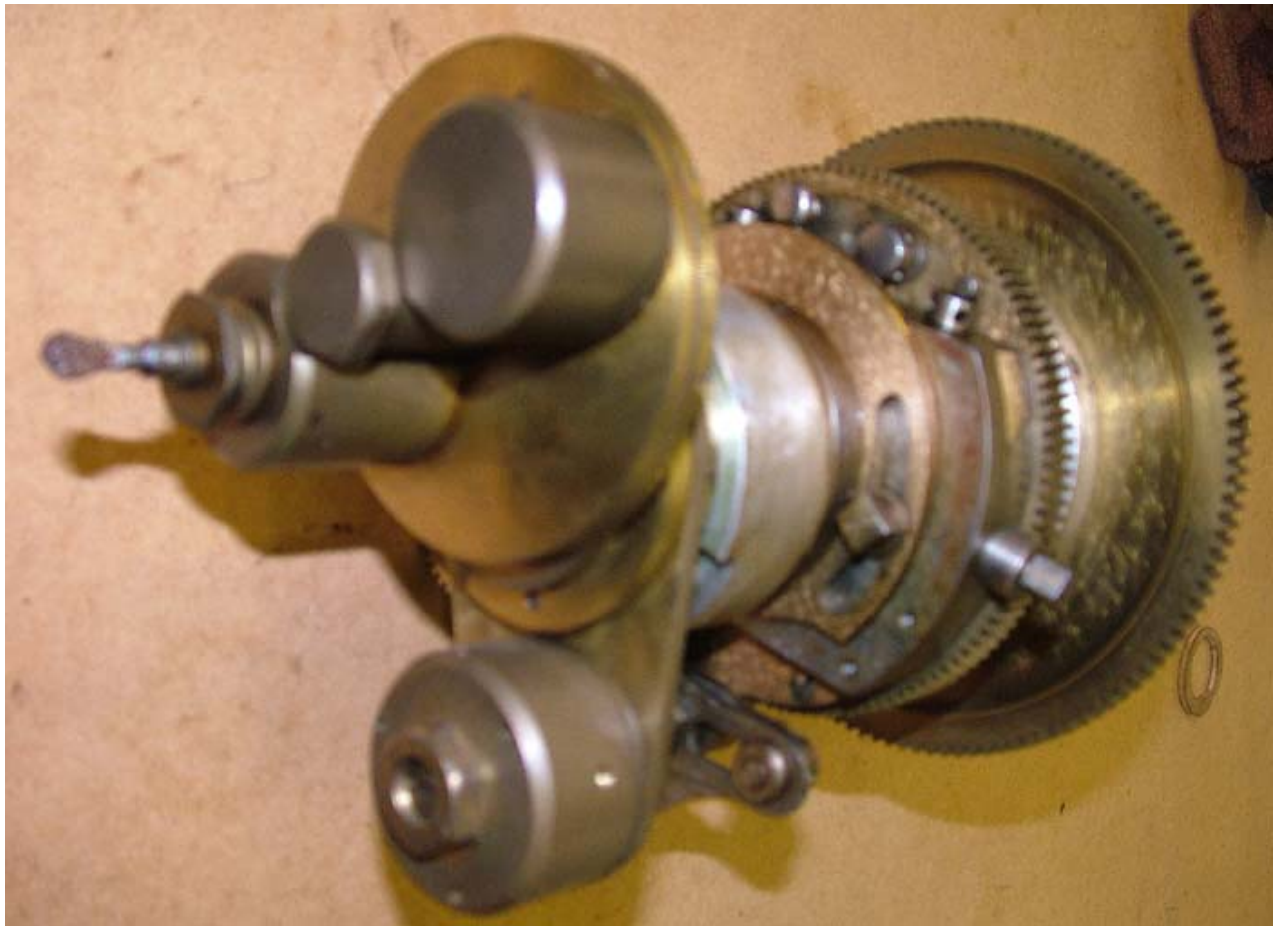




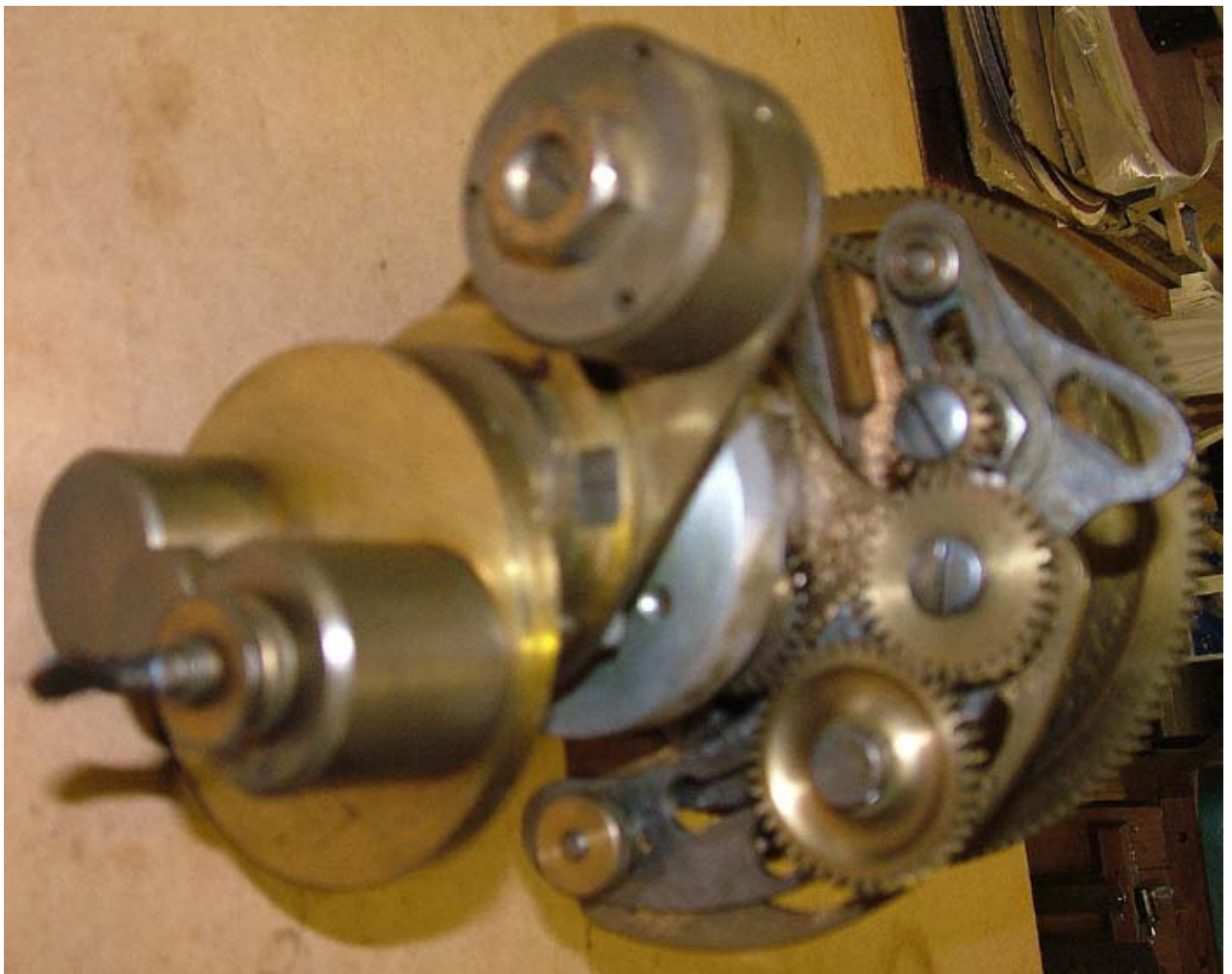
**Medallion Rest**

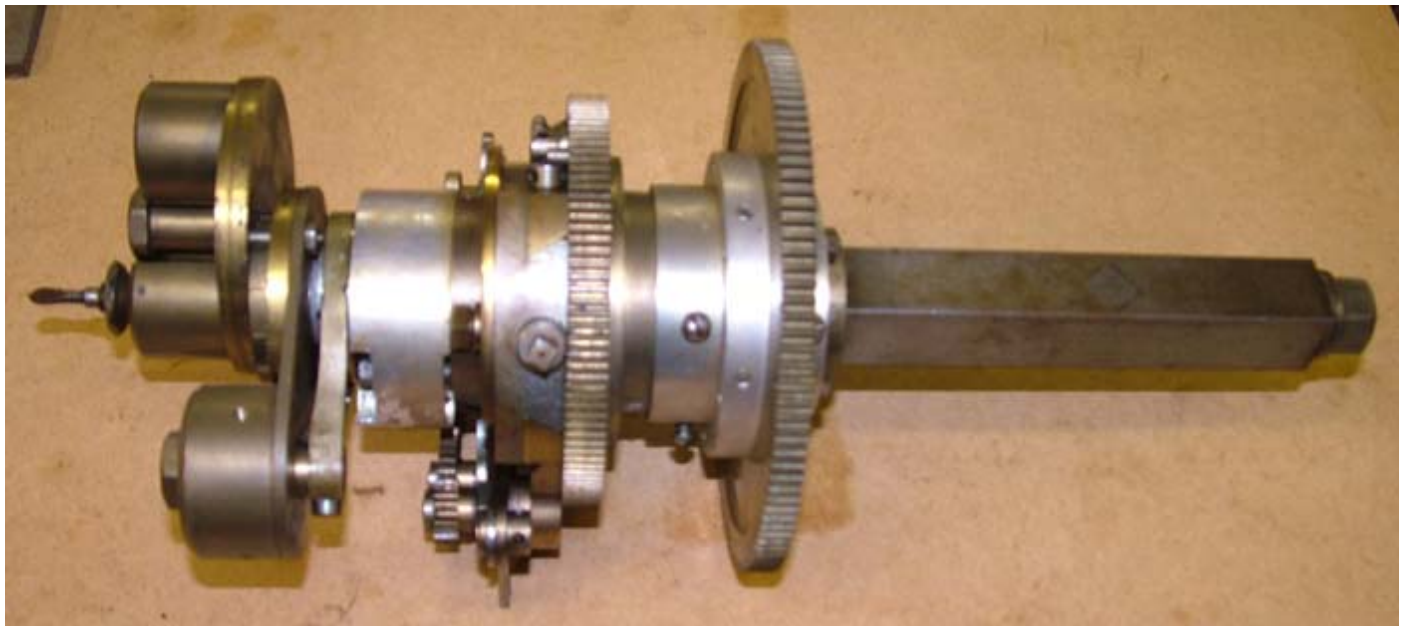






**Epicycloidal Cutting Frame**





**Epicycloidal Cutting Frame**

