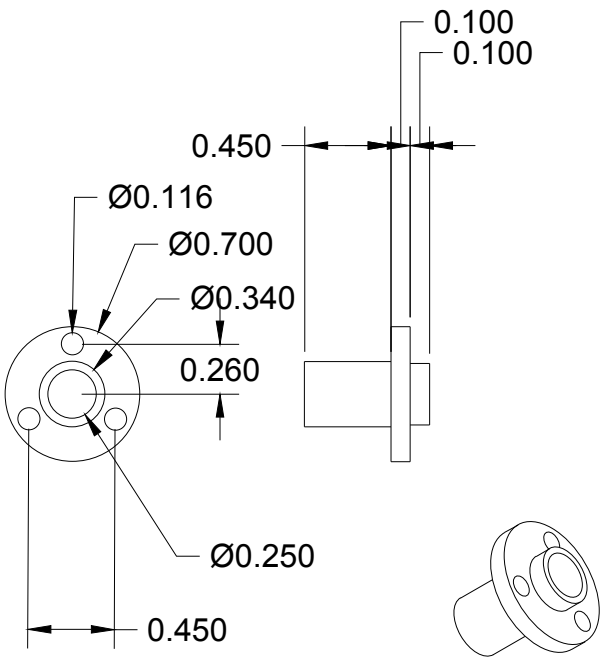
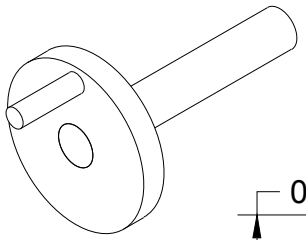
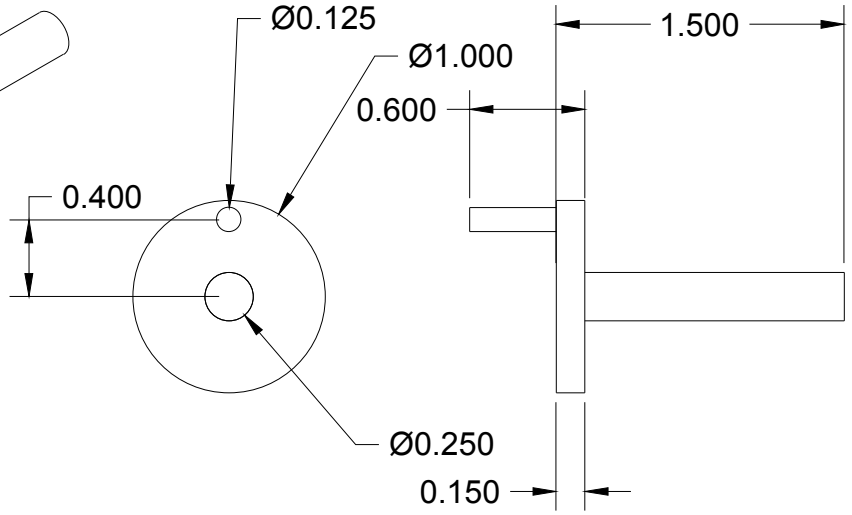






The crank body made of mild steel. All holes and drilled 1/64th undersize and reamed to size. Pieces are joined with Loctite 603 or similar.

The crank shaft is $\frac{1}{4}$" O1 tool steel.

The crank pin is $\frac{1}{8}$" O1 tool steel.

Based on an original design by Steve at http://www.steves-workshop.co.uk

Main Bearing is made from bronze
Standard 3-bolt circle on a .260 radius

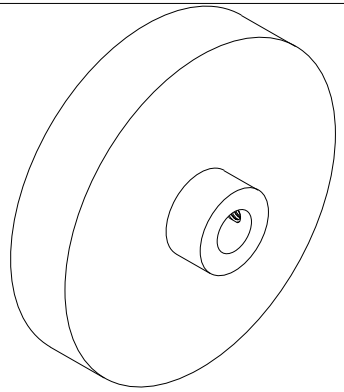
PROJECT

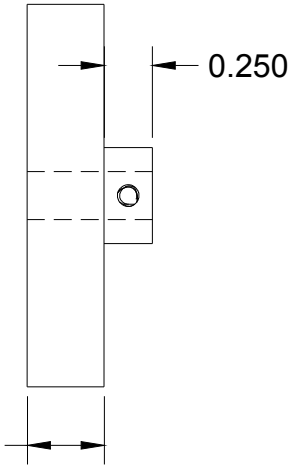
Steve's Wobbler

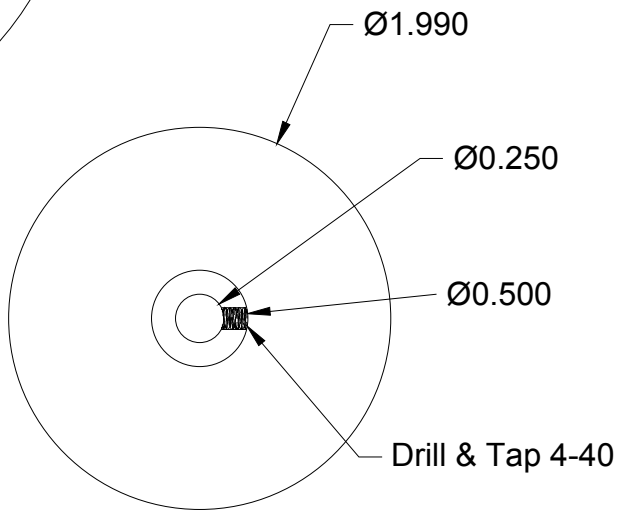
TITLE

Crankshaft

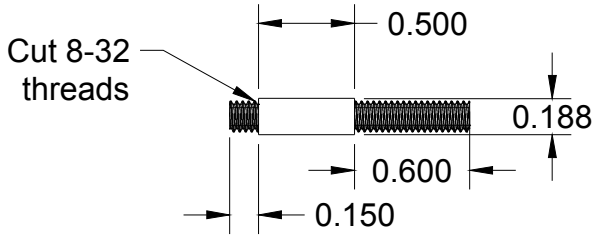
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A			
DRAWN Quinn Dunki 5/20/17	SCALE 1:1	WEIGHT	SHEET 1/5	



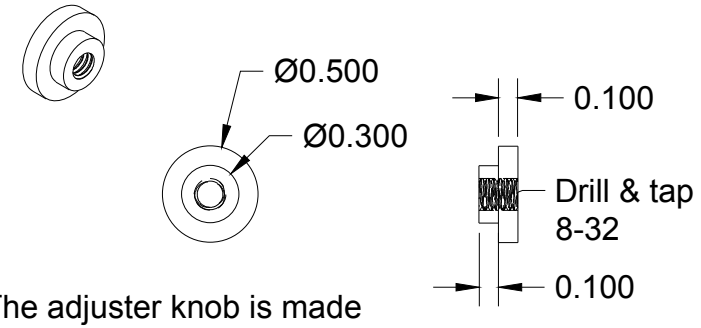




The flywheel is made of mild steel

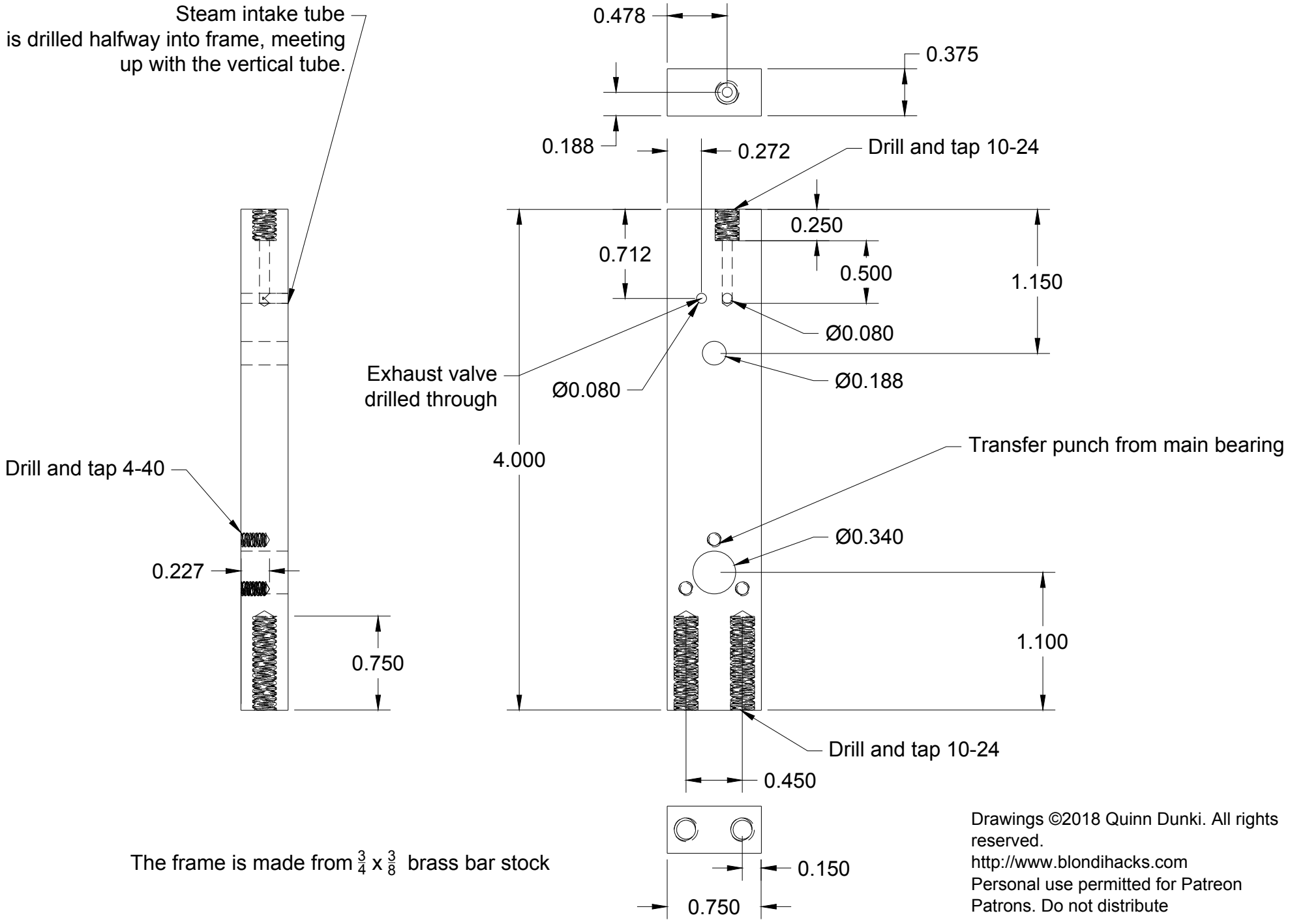


The pivot pin is made of $\frac{3}{16}$" O1 tool steel

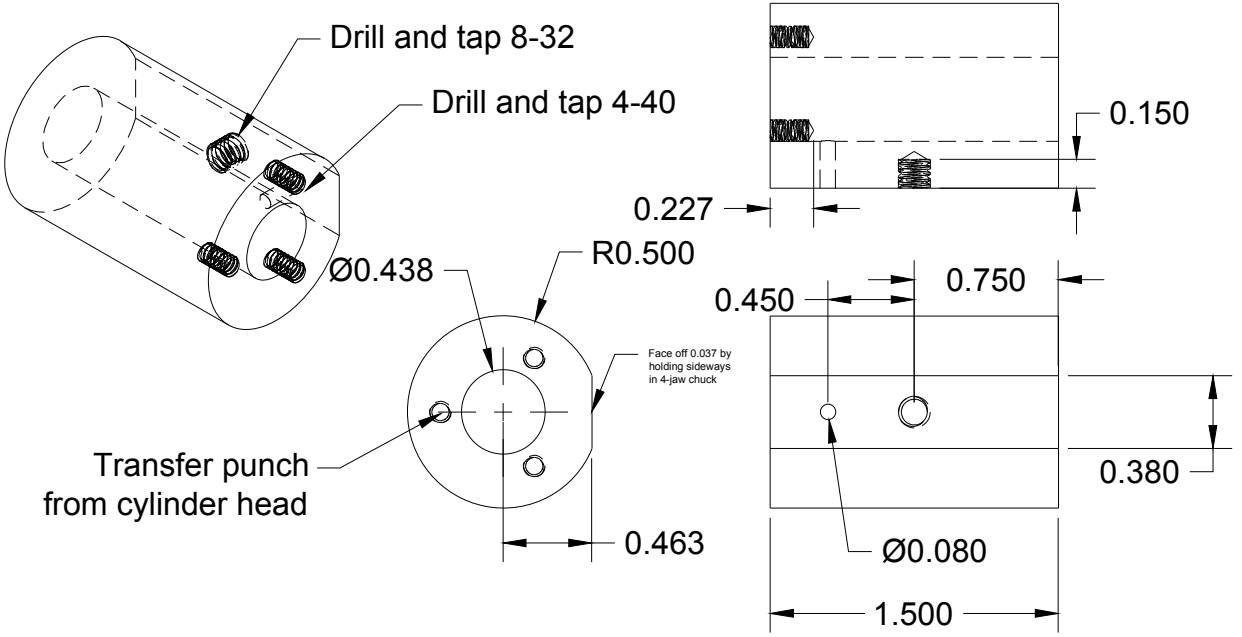


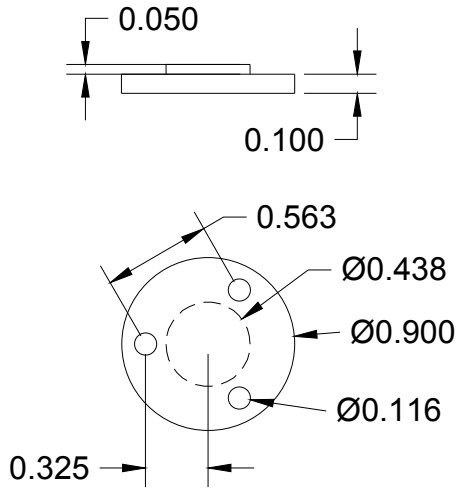
The adjuster knob is made
of brass and knurled

	PROJECT: Steve's Wobbler			
	TITLE: Flywheel Cylinder pivot	Drawings ©2018 Quinn Dunki. All rights reserved. http://www.blondihacks.com Personal use permitted for Patreon Patrons. Do not distribute		
APPROVED	SIZE: A	CODE	DWG NO	REV
CHECKED				
DRAWN Quinn Dunki 5/20/17	SCALE 1:1	WEIGHT	SHEET 2/5	



The frame is made from $\frac{3}{4}$ x $\frac{3}{8}$ brass bar stock





The cylinder head is made from brass, and has a standard three-bolt circle at 0.325

The cylinder is made of brass. The flat side is faced off by holding it sideways in a four-jaw chuck. The cylinder is drilled $\frac{1}{64}$" undersize, reamed to size, then polished with fine emery paper.

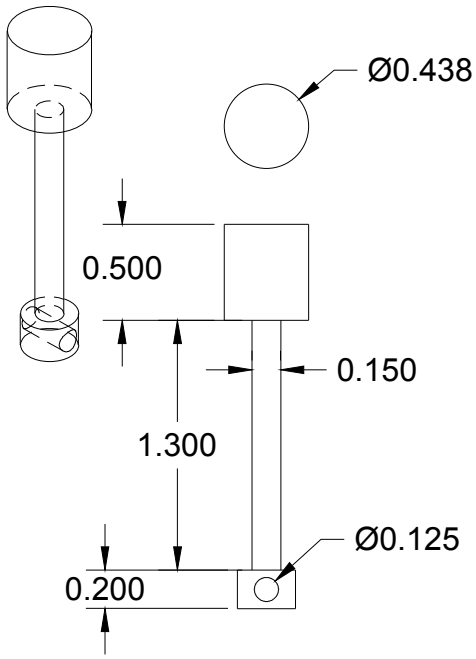
PROJECT

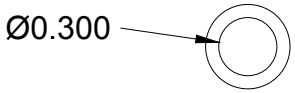
Steve's Wobbler

TITLE

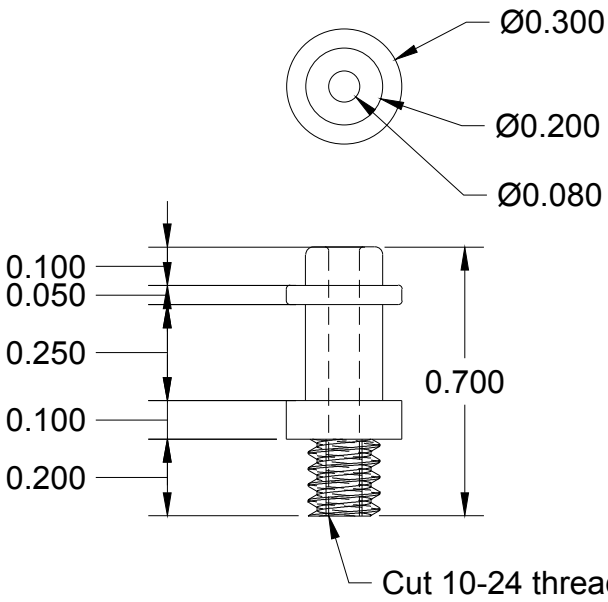
Cylinder & Head

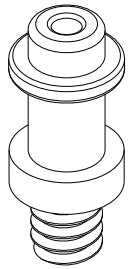
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A			
DRAWN Quinn Dunki 5/20/17	SCALE 1:1	WEIGHT	SHEET 4/5	





The piston is brass, and the head is polished with fine emery paper for a smooth sliding fit in the cylinder.





The steam fitting is made from brass and is designed to fit $\frac{1}{4}$" ID vinyl tubing (for running on air). If running on live steam, another type of fitting can be created to screw into the same place.

	PROJECT: Steve's Wobbler			
	TITLE: Piston Steam Fitting			
APPROVED	SIZE: A	CODE	DWG NO	REV
CHECKED				
DRAWN Quinn Dunki 5/20/17	SCALE 1:1	WEIGHT	SHEET 5/5	