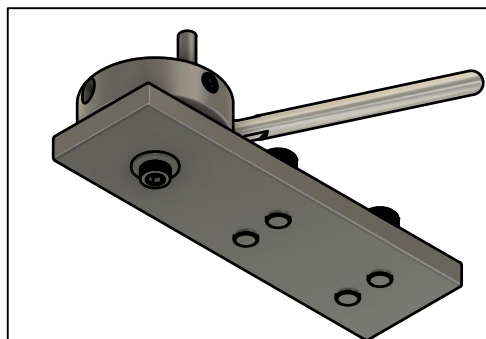
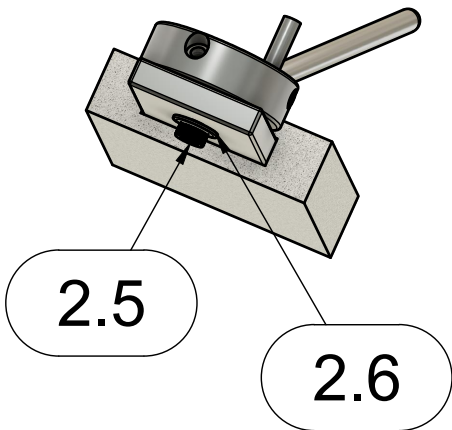


PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	TEE ASSY
1.1	1	TEE BODY
1.2	4	SHCS 1/4-28 X 9/16
2	1	PUCK ASSY
2.1	1	PUCK BODY
2.2	1	SET SCREW 1/4-28 X 3/16
2.3	1	CUTTER
2.4	1	HANDLE
2.5	1	SHCS 10-24 X 3/8
2.6	1	WASHER #10 1/2 DIA
3	1	COMPOUND



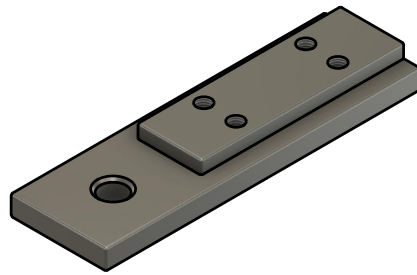
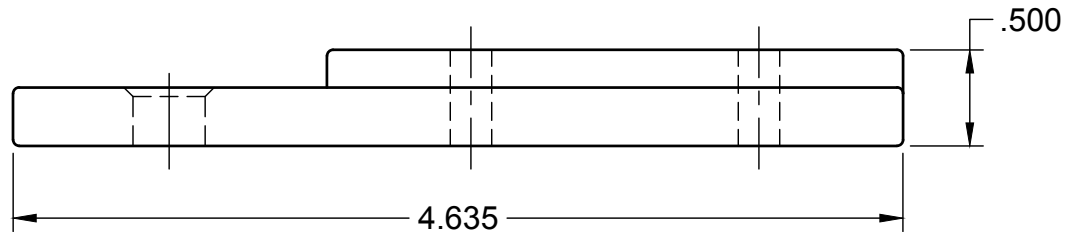
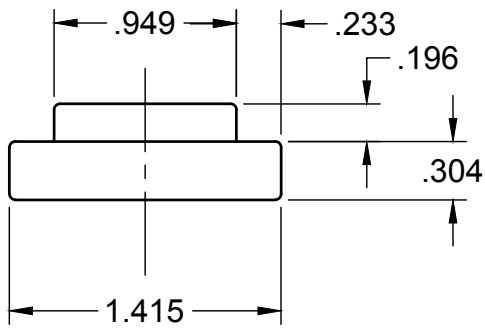
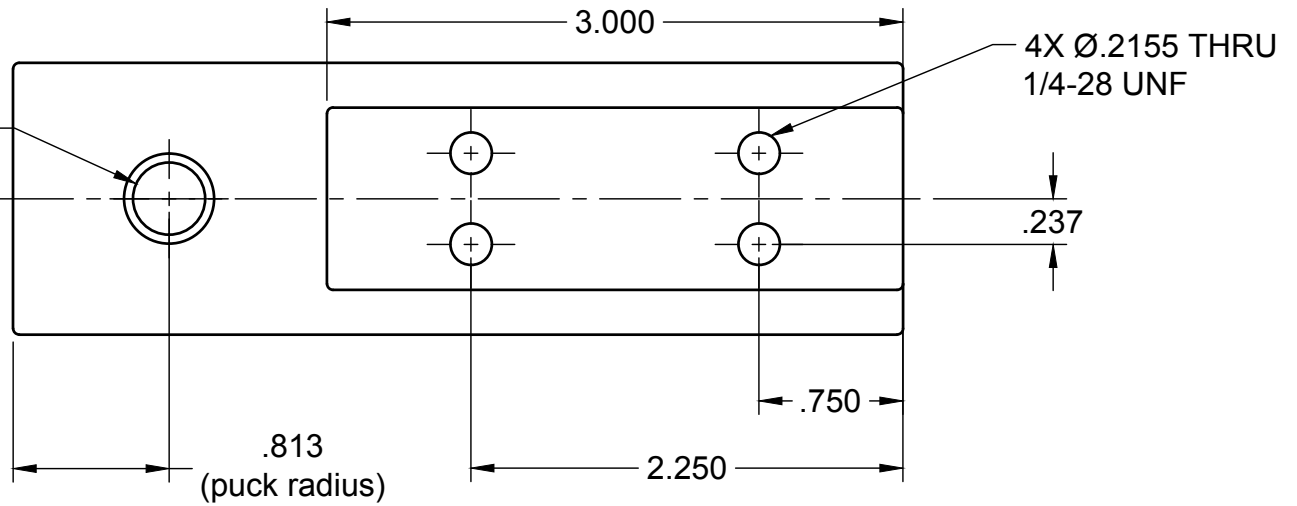
PROJECT
Rex's Builds

TITLE
Jim S. Ball Turner

APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A			H
DRAWN Rex Walters 7/30/23	SCALE 1:1	WEIGHT	SHEET 1/4	

*Adjust all dimensions to fit tee slot in lathe compound.

Ø.376
(chamfer top)



PROJECT

Rex's Builds

TITLE

Jim S. Ball Turner
Tee Slot Base

APPROVED

CHECKED

DRAWN

Rex Walters

7/30/23

SIZE

A

CODE

DWG NO

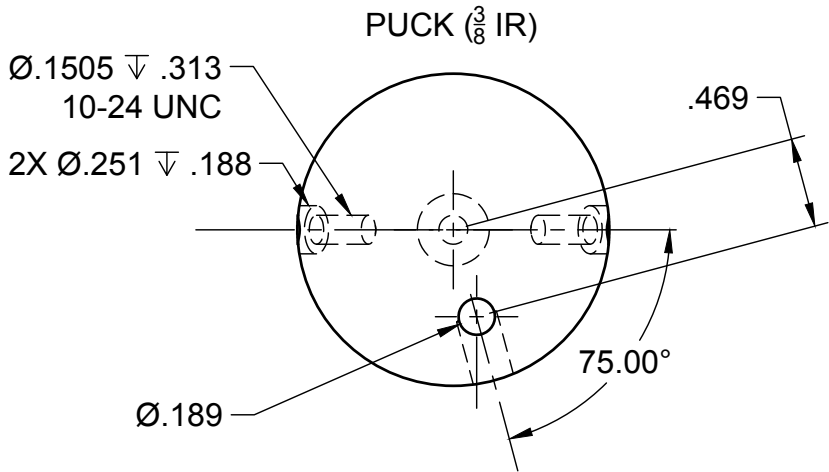
SCALE 1:1

WEIGHT

REV

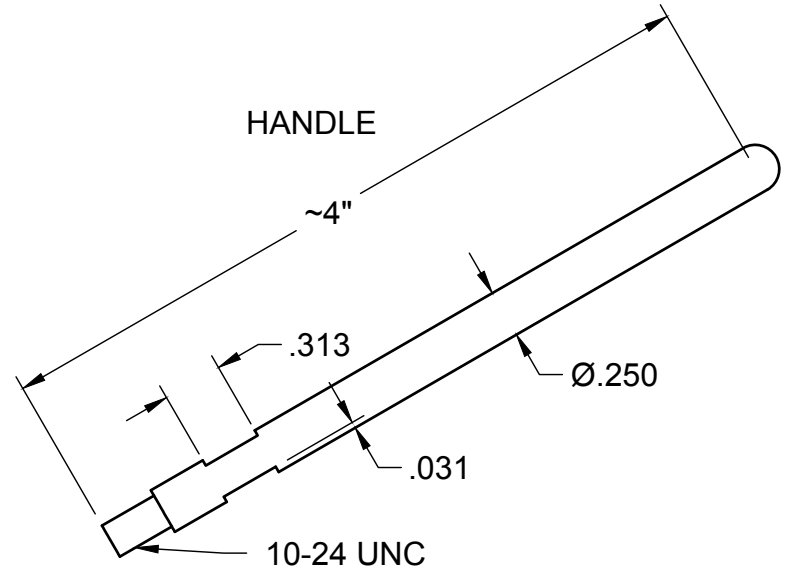
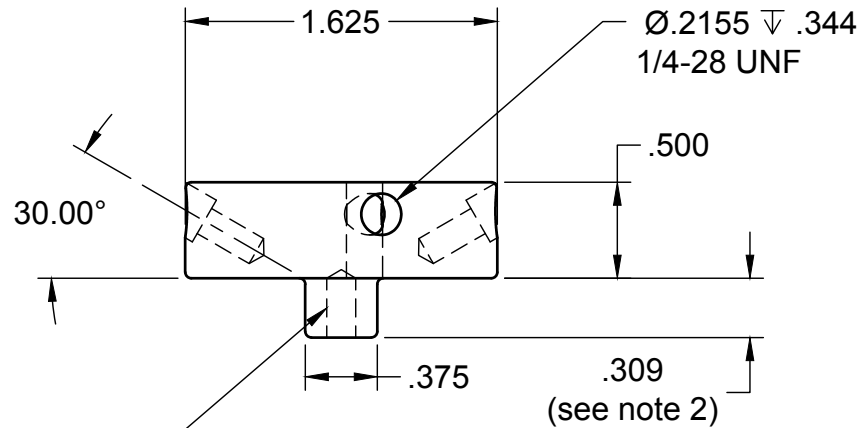
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SHEET 2/4

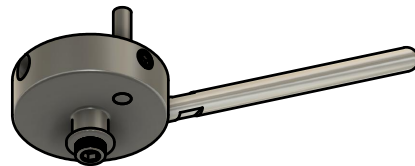
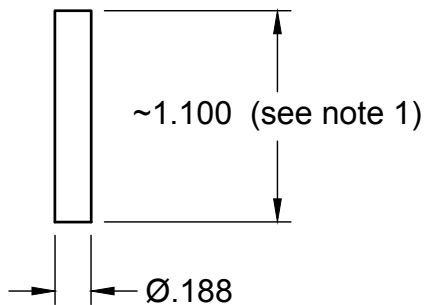


NOTES

1. Grind top face flat. Adjust length to slightly less than bottom of hole to lathe center height.
2. Make slightly proud, then gradually face down until bottom is exactly even with bottom of tee slot base.



CUTTER



PROJECT

Rex's Builds

TITLE

**Jim S. Ball Turner
Swivel Puck Assy (3/8" R)**

APPROVED

CHECKED

DRAWN Rex Walters

7/30/23

SIZE

A

CODE

DWG NO

SCALE 1:1

WEIGHT

REV

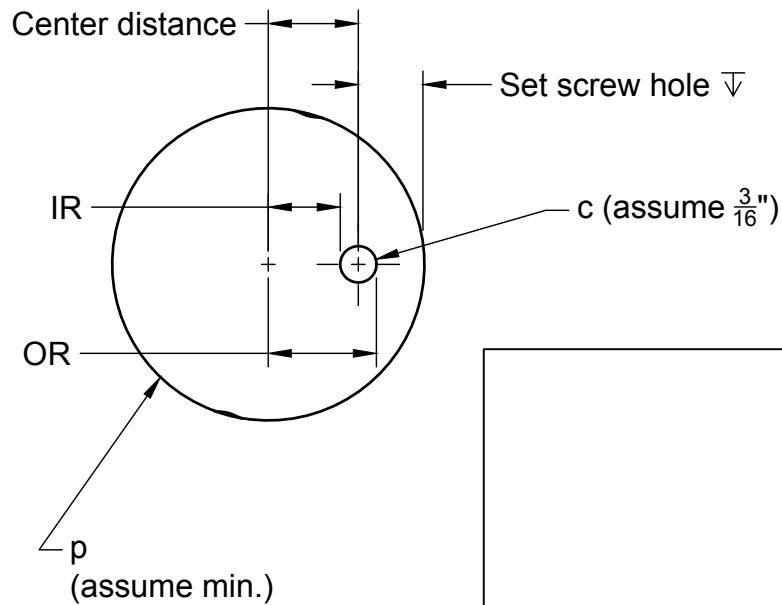
H

SHEET 3/4



Puck dimensions for nominal ball sizes up to 1"

Ball Diameter	D	$\frac{1}{2} = .500$	$\frac{5}{8} = .625$	$\frac{3}{4} = .750$	$\frac{7}{8} = .875$	1"
Inside radius (IR, balls)	R	$\frac{1}{4} = .250$	$\frac{5}{16} = .313$	$\frac{3}{8} = .375$	$\frac{7}{16} = .438$	$\frac{1}{2} = .500$
Outside radius (OR, concavity)	R + c	$\frac{7}{16} = .438$	$\frac{1}{2} = .500$	$\frac{9}{16} = .563$	$\frac{5}{8} = .625$	$\frac{11}{16} = .688$
Center distance	R + c/2	$\frac{11}{32} = .344$	$\frac{13}{32} = .406$	$\frac{15}{32} = .469$	$\frac{17}{32} = .531$	$\frac{19}{32} = .594$
Puck Ø (min.)	p min = $2c + \frac{7}{16}$	$1 \frac{1}{8}$	$1 \frac{1}{4}$	$1 \frac{3}{8}$	$1 \frac{1}{2}$	$1 \frac{5}{8}$
Cutter Ø	c	$\frac{3}{16} = .188$	$\frac{3}{16} = .188$	$\frac{3}{16} = .188$	$\frac{3}{16} = .188$	$\frac{3}{16} = .188$
Set screw hole ∇	$p/2 - R - c/2$	$\frac{7}{32} = .219$ (assume above)	$\frac{7}{32} = .219$ (assume above)	$\frac{7}{32} = .219$ (assume above)	$\frac{7}{32} = .219$ (assume above)	$\frac{7}{32} = .219$ (assume above)



APPROVED		PROJECT			
		Rex's Builds			
CHECKED		TITLE			
		Jim S. Ball Turner Puck Dimensions			
DRAWN	Rex Walters	7/30/23	SCALE 1:1	WEIGHT	SHEET 4/4
SIZE		CODE	DWG NO		REV
A					H

