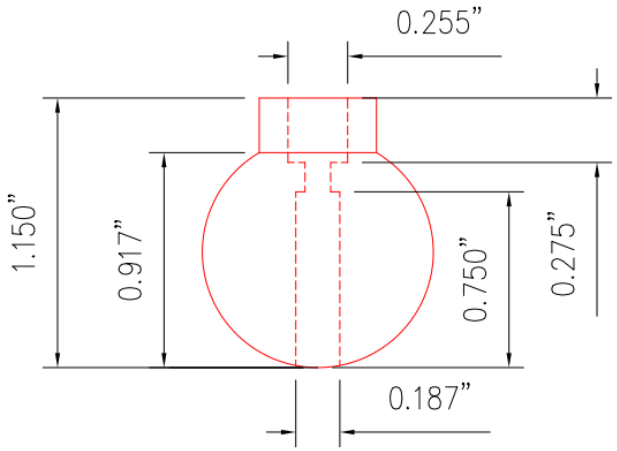
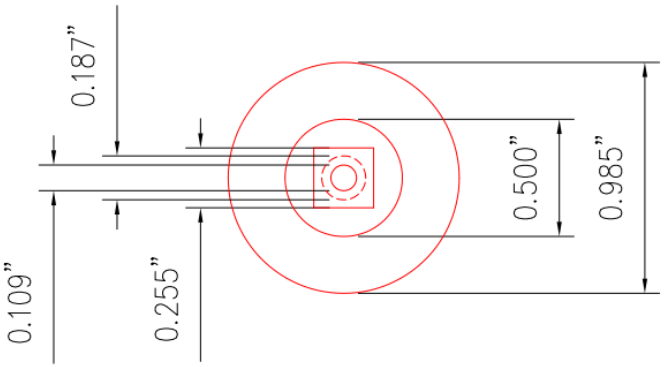


SIDE VIEW



TOP VIEW

NOTES:

1. MATERIAL OF CONSTRUCTION = BLACK DELRIN
2. ALL DIMENSIONS ARE EXACT WITH A TOLERANCE OF +/- .005"
3. ALL DRILL HOLES AND CYLINDRICAL EXTENSION MUST BE CONCENTRIC WITH SPHERE WITHIN .003"
4. SPHERICITY AND CYLINDRICITY WITHIN .003"
5. ALL HOLES SHALL HAVE A MAXIMUM RUNOUT OF .005"
6. THE .255" SQUARE HOLE SHALL HAVE 1/32" RADII IN ALL 4 CORNERS
7. THE END OF THE CYLINDRICAL EXTENSION AND TRANSITION BETWEEN EXTENSION AND SPHERE SHALL HAVE 1/64" RADII
8. OUTER SURFACE FINISH SHALL BE FREE OF DEFECTS AND COSMETICALLY APPEALING WITH A MAXIMUM OF 63 Ra
9. INNER SURFACE FINISH SHALL BE A MAXIMUM OF 125 Ra

REV. NO.	DATE / REV. BY	
E	10/19/09 NJG	ADDED COUNTERBORE BACK TO DRAWING
D	10/19/09 NJG	CHANGED SPHERICAL DIMENSION TO 0.985"
		UPDATED NOTE 8 TO 63 Ra FINISH
C	10/12/09 NJG	REMOVED ADDITIONAL COUNTERBORE
B	10/12/09 NJG	REVISED NOTES
A	10/11/09 NJG	CONVERSION OF SKETCH TO AUTOCAD

FOR CONSTRUCTION
ISSUED FOR BIDDING
DATE PRINTED: 10/19/2009

DESIGN	TDS	SCALE	NONE
DRAWN BY	NJG	DATE	10/11/2009
CHK'D. BY	TDS	ENGR. APPR.	APPR

DRAWING TITLE
TOY SHIFT KNOB

	DWG. NO.	REV.
D	09-SCHEELE-TOY	E