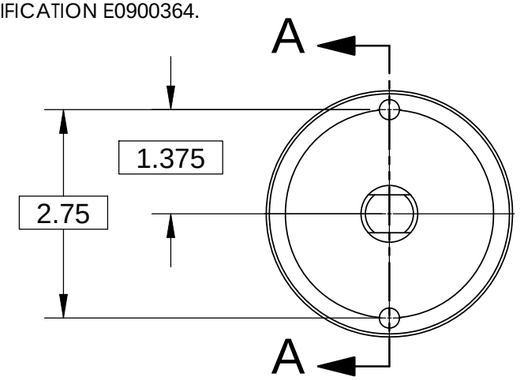
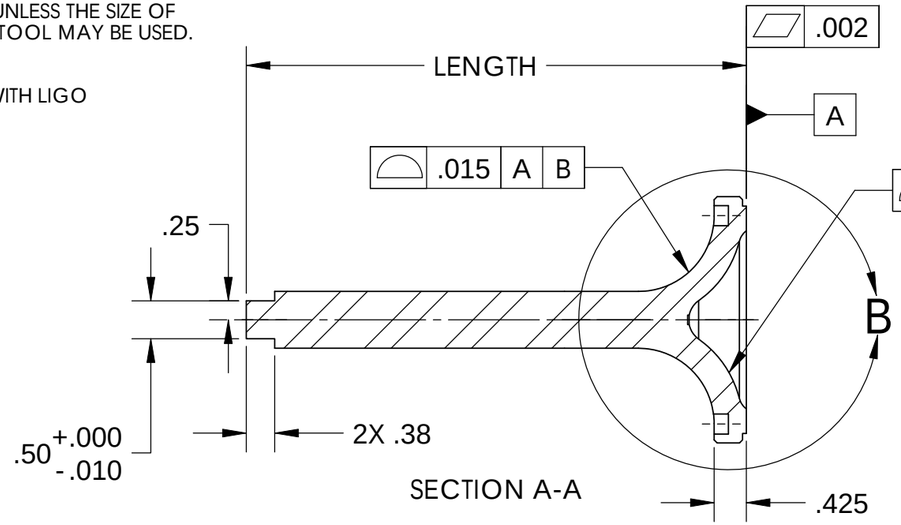
REV.	DATE	DCN #	DRAWING TREE #
v4	3 Feb. 2011	E1100015	E1100016

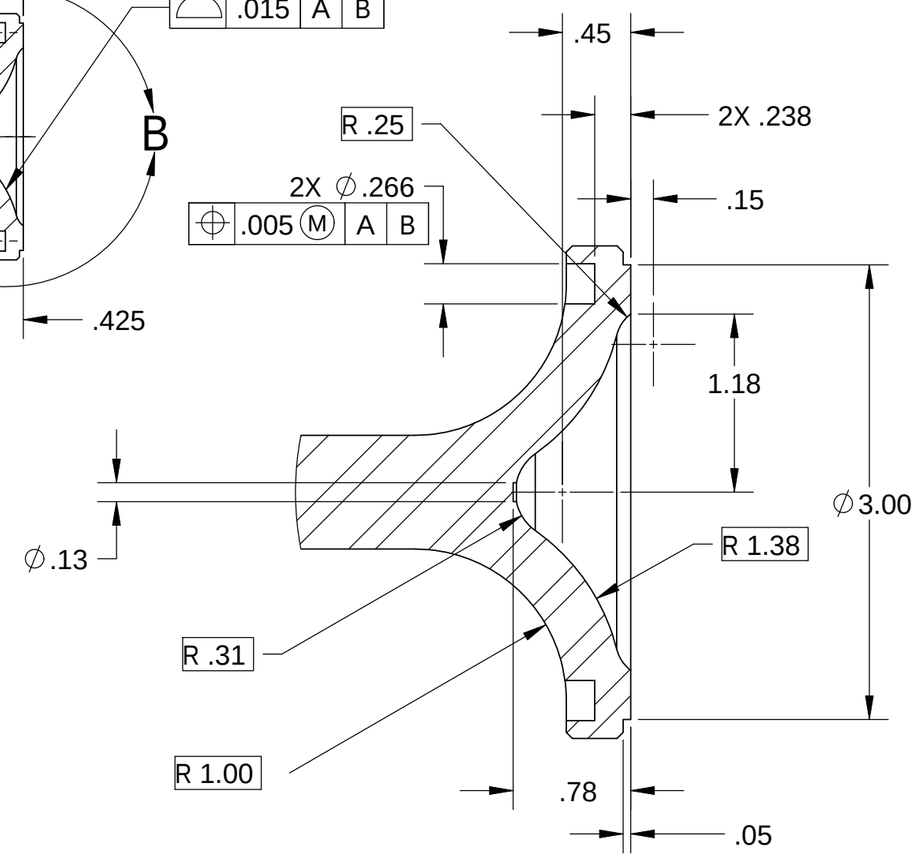
NOTES CONTINUED:

4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE.
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12 HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE DXXXXXXX-VY, TYPE-XX, S/N XXX.
6. APPROXIMATE WEIGHT = 1.69175002 LB.
7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

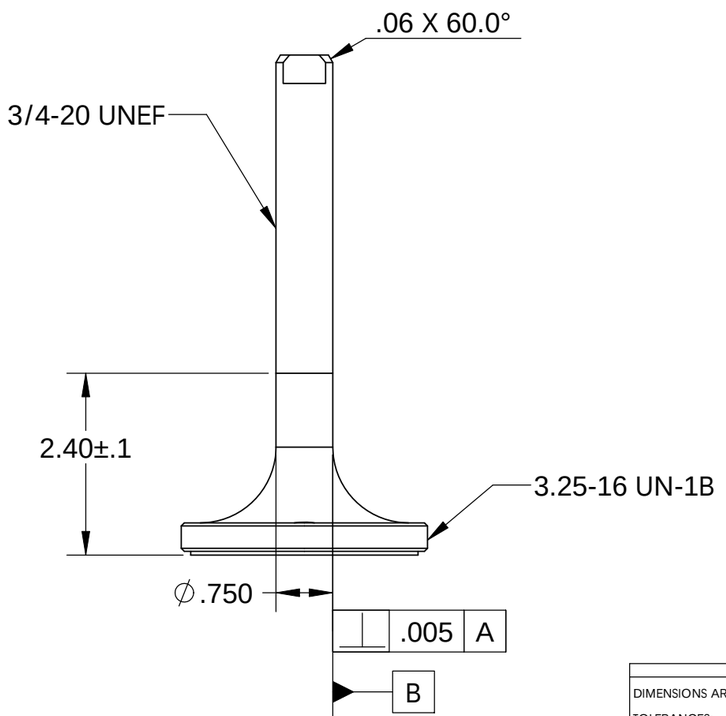




SECTION A-A



DETAIL B
SCALE 1 : 1



P/N	DESCRIPTION	LENGTH
D020407-01	DOUBLE START COUNTERWOUND SPRING CONNECTOR, aLIGO HAM	6.60
D020407-00	DOUBLE START COUNTERWOUND SPRING CONNECTOR, aLIGO BSC	7.43

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .015
.XXX ± .005

ANGULAR ± .5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .03 x 45°.
3. DO NOT SCALE FROM DRAWING.

MATERIAL: AISI 4340 Steel, normalized
FINISH: 63 µinch

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: HEPI
NEXT ASSY: D020408

PART NAME: DOUBLE START COUNTERWOUND SPRING CONNECTOR

DESIGNER	M. HAMMOND	14 May, 2003
DRAFTER	M.HILLARD	3 Feb. 2011
CHECKER	J.KERN	14 May 2003
APPROVAL	K.MASON	3 Feb. 2011

SIZE: B — DWG. NO.: D020407 — REV.: v4
SCALE: 1:2 — PROJECTION: — SHEET 1 OF 1

D020407_Double_Start_Counterwound_Spring_Connector, PART PDM REV: X-006, DRAWING PDM REV: X-000