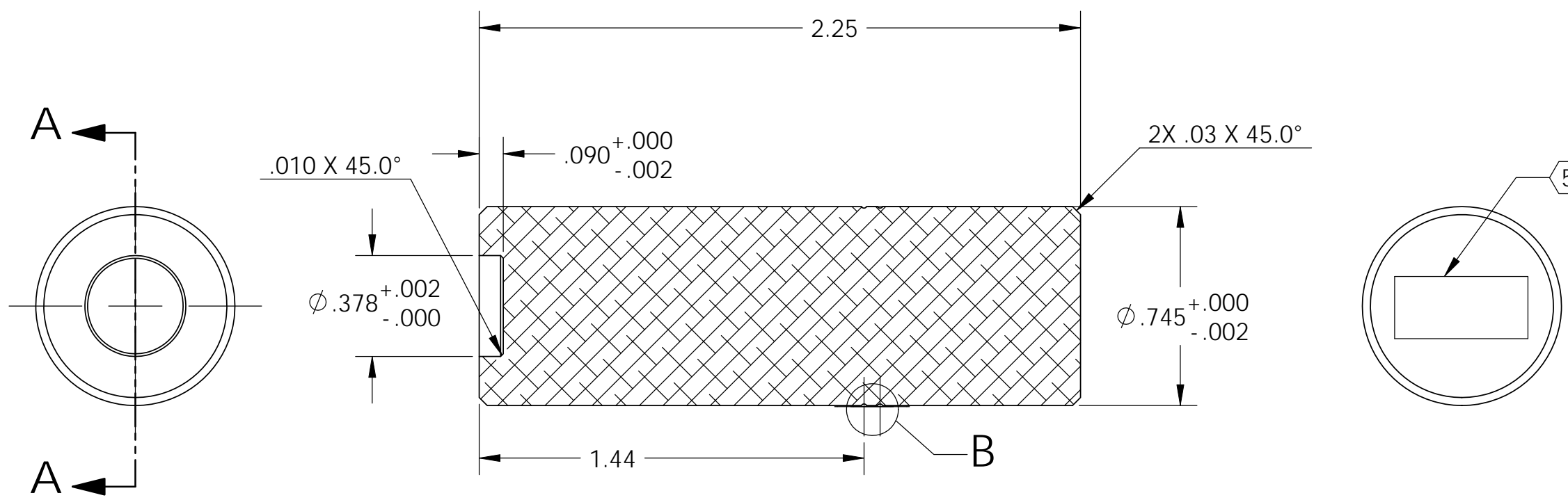


D1002304 DOWEL INSTALLATION PUNCH, .38 DIA. aLIGO BSC ISI, PART PDM REV: X-003, DRAWING PDM REV: X-004

**NOTES CONTINUED:**  
 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 DXXXXXX-VY, TYPE-XX, S/N XXX.  
 6. APPROXIMATE WEIGHT = 0.127 LB.  
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES (INCLUDING SANDING OR SCOURING FOR MATTE FINISH) IS NOT ALLOWED.  
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	30 Aug 2010	E1000373	-
v2	08 Nov. 2010	E1000685	-
v3	08 Feb. 2011	E1100087	-



SECTION A-A

DETAIL B  
SCALE 8 : 1

.02 X .02 AROUND  
SHAFT SQ. OR ROUND  
VENDOR OPTION

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN.		SYSTEM		SUB-SYSTEM		DESIGNER		M.HILLARD 27 Aug 2010	
TOLERANCES: .XX ± .015 .XXX ± .005		3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		ADVANCED LIGO		SEI		DRAFTER		M.HILLARD 30 Aug 2010	
ANGULAR ± .5°		MATERIAL		304 SSSL		FINISH		32 μinch		NEXT ASSY	
				APPROVAL		K.MASON 30 Aug 2010		CHECKER		M.MATICHARD 30 Aug 2010	
				SCALE: 2:1		PROJECTION:		SHEET 1 OF 1		DWG. NO. D1002304	
										REV. v3	