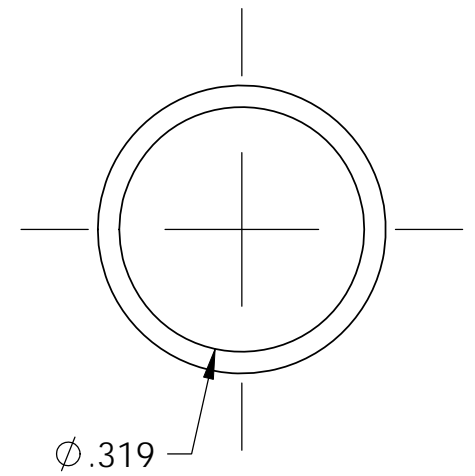
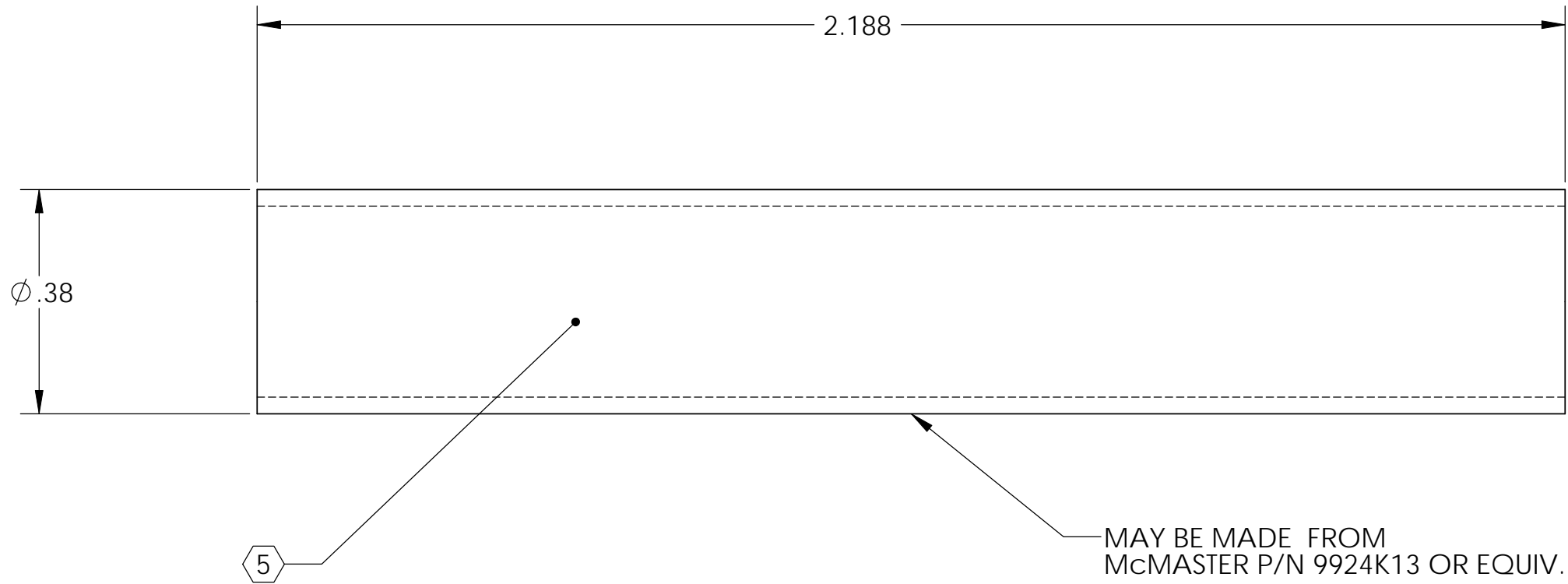


D0902189 Spring Preload End Spacer, Blader Puller Assy, Stage 1-2, aLIGO BSC ISI, PART PDM REV: X-006, DRAWING PDM REV: X-002

8 7 6 5 4 3 2 1

**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 = 0.007 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	19 Feb. 2010	E0900391	E1000025



A

B

C

D

A

B

C

D

8 7 6 5 4 3 2 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME SPRING PRELOAD SPACER, BLADER PULLER ASSY, aLIGO BSC ISI							
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SEI	DESIGNER	C. RAMET	19 Feb. 2010	SIZE	DWG. NO.	REV.
TOLERANCES: .XX ± .015 .XXX ± .005		MATERIAL	6061 Alloy	FINISH	63 μinch	NEXT ASSY	D0902454	DRAFTER	M.HILLARD	19 Feb. 2010	B	D0902189	v1
ANGULAR ± 0.5°						CHECKER		F.MATICHARD	19 Feb. 2010	SCALE: 4:1		PROJECTION:	SHEET 1 OF 1
						APPROVAL		K.MASON	19 Feb. 2010				