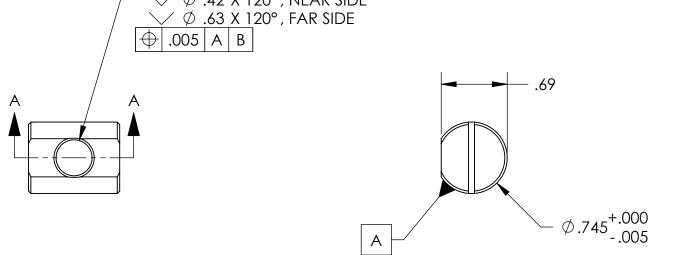
	8 7	6 5	4 3	2 1 REVISION HISTORY
D	Ø.313 THRU ALL 3/8-16 UNC H7-11 T ✓Ø.42 X 120°, N ✓Ø.63 X 120°, F4 ⊕Ø.005 A B	EAR SIDE	REV DATE V1 / C 3 Jul 2007 V2 10 Mar 2009	ECO APPROVAL DESCRIPTION 1067 Daniel Bryce Release for Enhanced LIGO. A. Stein Release for Advanced LIGO. Eliminated 6061 w/ Heli-Coil configurations.
C		A	.73	B .025±.010 X 45° CHAMFER AROUND BOTH ENDS
B	2X.06		TECHNIQUES (OTHER 2) ALL MACHINING F AND SILICONE, SUCH 3) THOROUGHLY CLI POST-MACHINING NOTES:	RFACES TO REMOVE OXIDES AND MILL FINISH. ABRASIVE REMOVAL THAN DRESSED BLANCHARD GRINDING) ARE NOT ACCEPTABLE. FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE, A AS CINCINNATI MILACRON CIMTECH 410. EAN PART TO REMOVE ALL OIL, GREASE, DIRT, AND CHIPS. STANDARDS, CLASS A.
A	SECTION A-A	ENGIN D. QUALI C.		ORIGINAL DESIGN BY: MODIFIED BY: High Precision Devices Index of the content

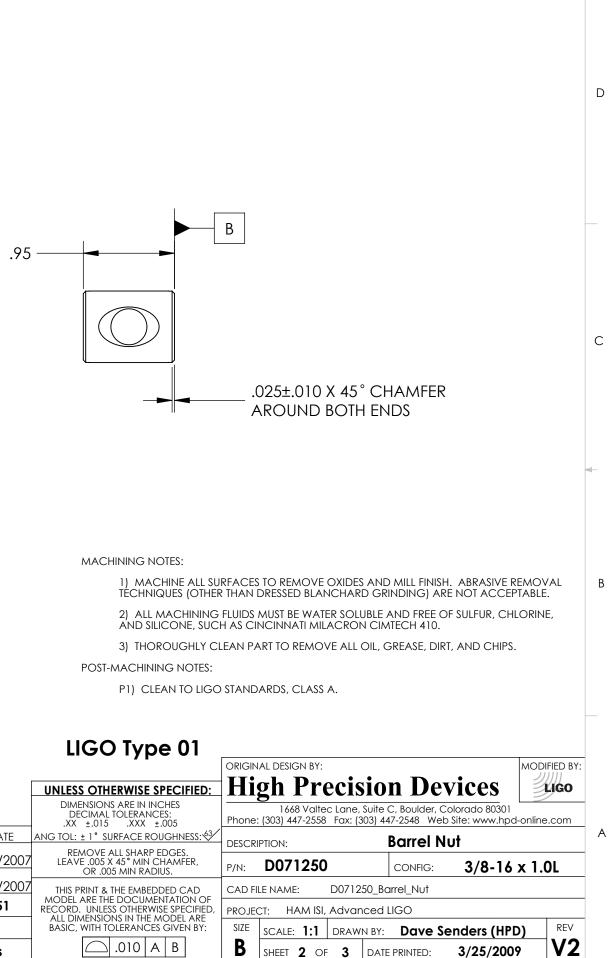
2			
.7			
/			

D

	P/N:	D071250			CONFIG:	3/8-16 x .7	5L
	CAD FIL	LE NAME:	D0712	50_Bar	rel_Nut		
PROJECT: HAM ISI, Advanced LIGO							
		SCALE: 1:1	DRAW	N BY:	Dave	Senders (HPD)	REV
	В	sheet 1 of	3	DATE I	PRINTED:	3/25/2009	V2
		0				,	

	2X .06 —					MACHINING NOTES:
В						1) MACHINE ALL SU TECHNIQUES (OTHER
						2) ALL MACHINING AND SILICONE, SUC
						3) THOROUGHLY CL
						POST-MACHINING NOTES:
	2X .06 - (.63)					P1) CLEAN TO LIGO
	SECTION A-A					LIGO Type 01
						UNLESS OTHERWISE SPECIFIED:
						DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005
А				APPROVALS	DATE	ANG TOL: ± 1° SURFACE ROUGHNESS:63
				ENGINEERING (HPD): D. Senders QUALITY (HPD):	6/15/2007	OR .005 MIN RADIUS.
				C. Danaher		MODEL ARE THE DOCUMENTATION OF
					24-T351 None	RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:
					.03 lbs	.010 A B
Model	#D071250 Rev: V2 Dwg: #D071250 Rev: X-006 7	6	5	4	1	3





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Ø .313 THRU ALL 3/8-16 UNC H7-11 THRU ALL ✓Ø .42 X 120°, NEAR SIDE ✓Ø .63 X 120°, FAR SIDE ⊕ .005 A B

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			y		
D	\emptyset .313 THRU ALL 3/8-16 UNC H7-11 THRU ALL $\checkmark \emptyset$.42 X 120°, NEAR SIDE $\checkmark \emptyset$.63 X 120°, FAR SIDE \bigoplus .005 A B				
C			.69 Ø.745 ^{+.000} 005	_	1.30
В	$2X.06 \longrightarrow 1$				MACHINING NOTES: 1) MACHINE ALL SU TECHNIQUES (OTHER 2) ALL MACHINING AND SILICONE, SUCH 3) THOROUGHLY CH POST-MACHINING NOTES: P1) CLEAN TO LIGO LIGO Type 02
A Model:	SECTION A-A #D071250 Rev: V2 Dwg: #D071250 Rev: X-006 7 6	5	FINISH:	6/15/2007	LIGO TYPE U2 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005 ANG TOL: ± 1° SURFACE ROUGHNESS: ⁴³ / REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY: .010 A B

