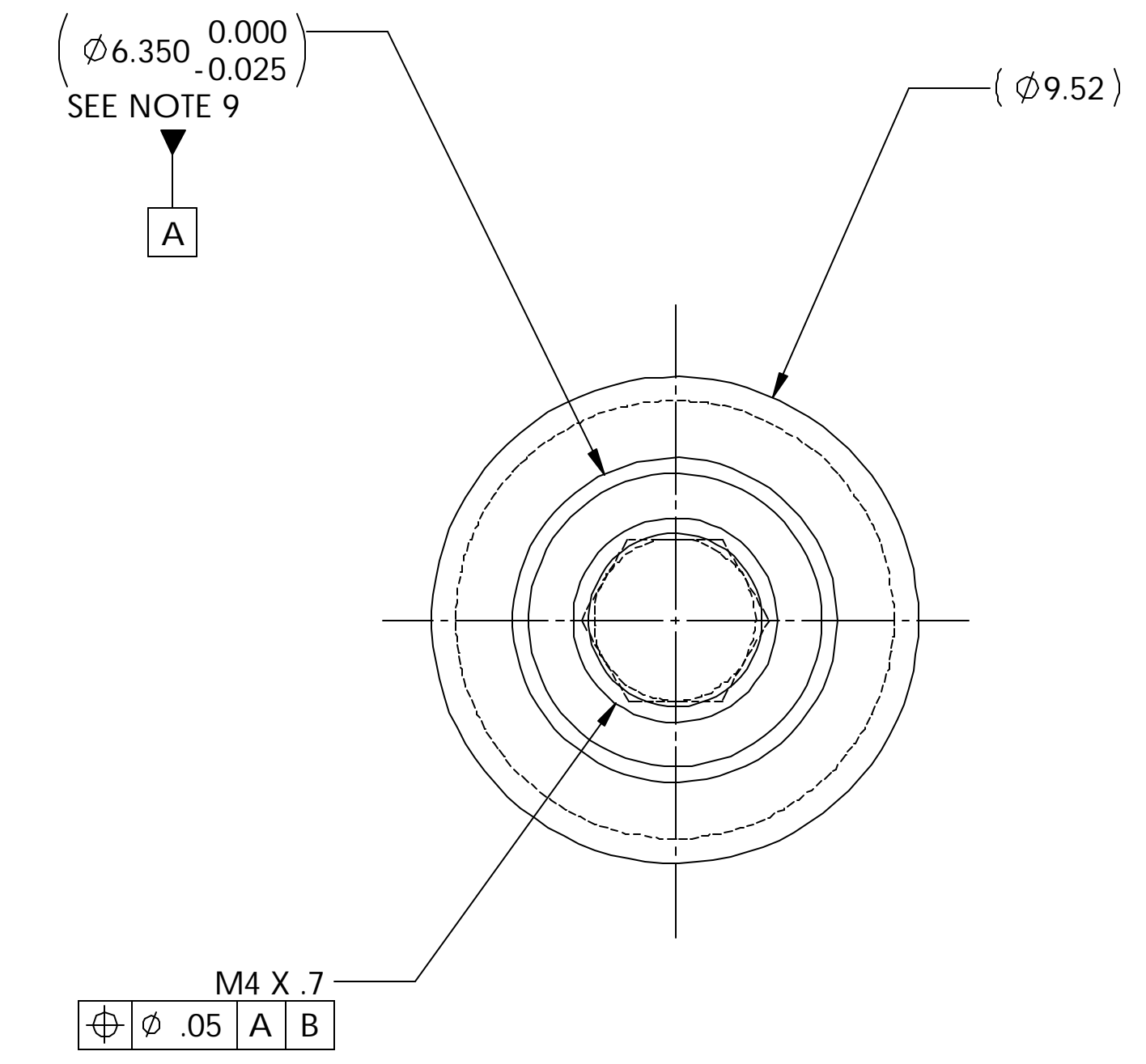
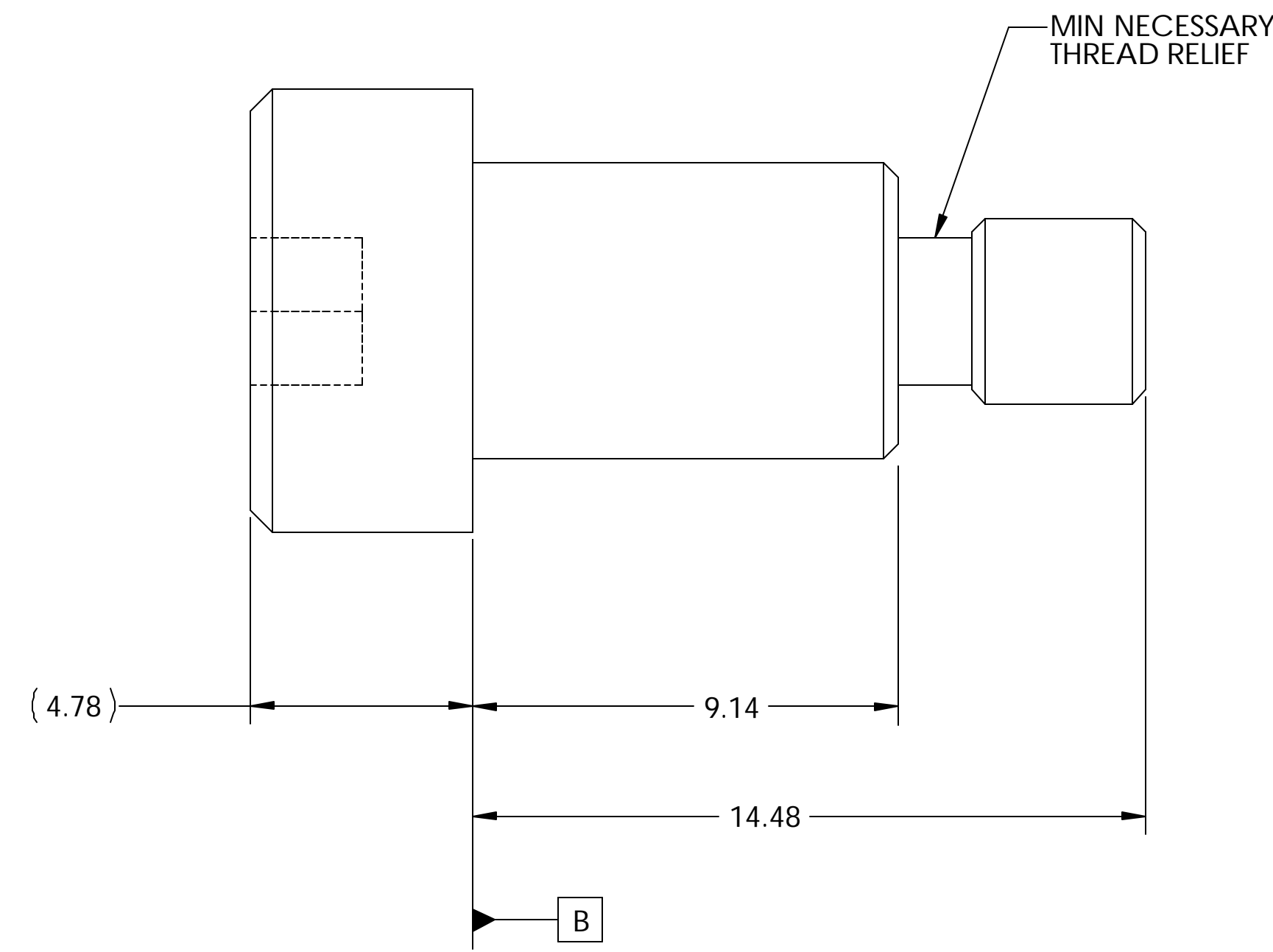
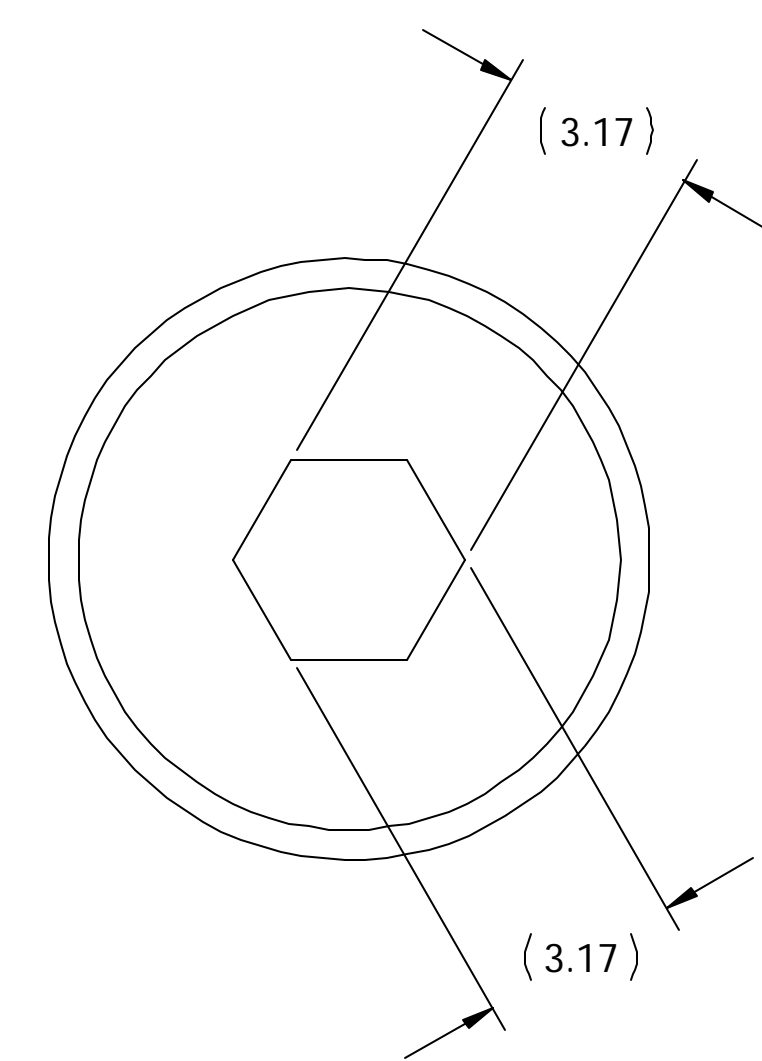


DWG. NO.	SIZE	REV.	SHEET
21F7044		1	1
DESCRIPTION		MATERIAL	MNT. LOCATION



MATL: 18-8 SSSL 1/4" PRECISION SHOULDER SCREW  
(SEE NOTE 9)

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS IN MILLIMETERS
2. DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
3. SURFACE TEXTURE PER ANI/ASME B 46.1-1985
4. REMOVE ALL BURRS AND BREAK SHARP EDGES TO A MAXIMUM OF .38
5. ALL INSIDE CORNERS TO BE .38 RADIUS MAX
6. COUNTERSINK 82 DEGREES ALL TAPPED HOLES TO MAJOR DIAMETER
7. COUNTERSINK 82 DEGREES APPROXIMATELY .38 DEEP ALL DRILLED HOLES
8. PARTS TO BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, DIRT AND CHIPS
9. SCREW PURCHASED FROM McMASTER-CARR #94035A542

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER. NO.		ERNEST ORLANDO LAWRENCE	
TOLERANCES	X.X ± 0.5	FRAC.	± 1/64	NO.	DATE	BERKELEY NATIONAL LABORATORY	
	X.XX ± 0.25	ANGLES	± 30°	REQD.	ISSD	UNIVERSITY OF CALIFORNIA - BERKELEY #	
	X.XXX ± 0.013	FINISH	1.6	DATE	REQD.	ATLAS PIXEL DETECTOR	
						SPACEFRAME CENTRAL AND END SECTION	
						SUB-PANEL BOND FIXTURE SHOULDER BOLT	
DO NOT SCALE PRINT				INDEX METHOD TAG		MICROFILMED:	
TOLERANCES ARE CLASS 2				PROJECT NAME		DWG. TYPE	
CHAMFER ENDS OF ALL SCREW THREADS 30°				PROJECT NO.		PART	
CUT ROUNDS, 1.5 THREAD RELIEF ON MACHINED THREADS				PROJECT US ATLAS SILICON SUBSYSTEM		N/A	
BREAK EDGES .016 MAX. ON MACHINED WORK				DWG. BY		SHOWS ON	
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE				W. K. MILLER		SCALE: 8:1	
IN ACCORDANCE WITH ASME Y14.5m & B46.1				DATE 4/16/2002		DO NOT SCALE PRINTS	
CHANGES				CHK BY		PATENT CLEAR:	
				BILL WILDS		DESIGN ACCT. NO.	
				DATE 4/16/2002		CATEGORY CODE	
				APR BY		DWG. NO.	
				E. ANDERSSSEN		SIZE	
				DATE 4/16/2002		REV.	
						P1AP-11	
						AP6250	
						21F7044	
						SHEET 1 OF 1	