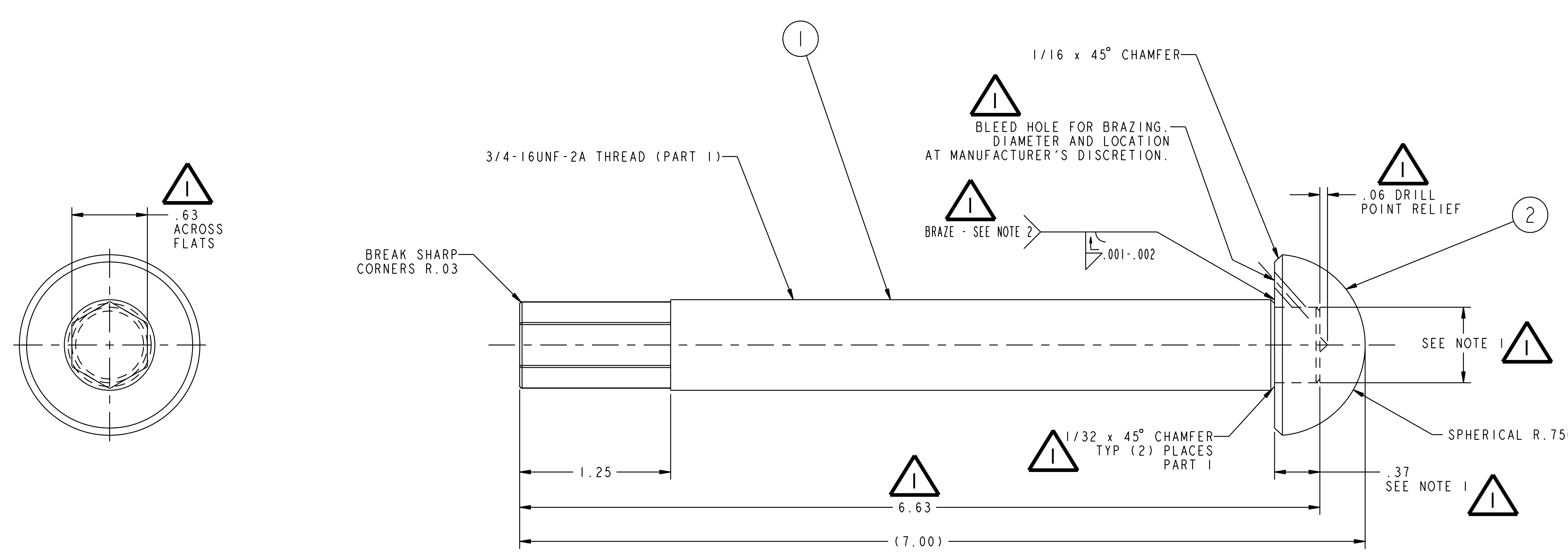


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-5008	LM	TB	JS	T. BROWN	7-18-05



- NOTES**
1. UNDERCUT THREADED DIAMETER, PART 1, TO ROOT DEPTH OF THREAD TO LENGTH INDICATED. HOLE DIAMETER IN BALL, PART 2, TO PROVIDE A LIGHT PRESS FIT. PROVIDE BOTTOM RELIEF IN PART 2 AS INDICATED.
 2. BRAZING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS C3.4 (TORCH BRAZING) AND PPPL PROCEDURE EM-002.

**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

1	2	THIS DWG	POSITIONER BALL	316 S/S	
1	1	THIS DWG	POSITIONER STUD	316 S/S	
1	1	THIS DWG	BALL AND STUD ASSEMBLY		3
QTY	PART NO.	DRAWING NO.	DESCRIPTION	MATERIAL	QTY REQD
PARTS LIST					

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY			
PRO E	DIMENSIONS ARE IN INCHES MACHINE SURFACES	NATIONAL COMPACT STELLARATOR EXPERIMENT			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	MODULAR COILS BALL ALIGNMENT ASSEMBLY BALL AND STUD ASSEMBLY			
WEIGHT 1.0 lbs	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	7-6-05	DRAWING NO:	
MODEL NAME SE1851-175	DECIMAL-INCH FRACTIONS	CHK: M. COLE	7-6-05	SE1851-175	
RELEASE LEVEL: Fabrication DWG VERSION NO: 1	NEXT ASSEMBLY	ENGR: T. BROWN	7-6-05	SHEET 1 OF 1	
WELDING ENGINEER	ANGULAR: ±.15° OVER 120° ±.12°	SUPV: J. SIEGEL	7-6-05	REV 1	REV 1

NCSX-SE1851-175