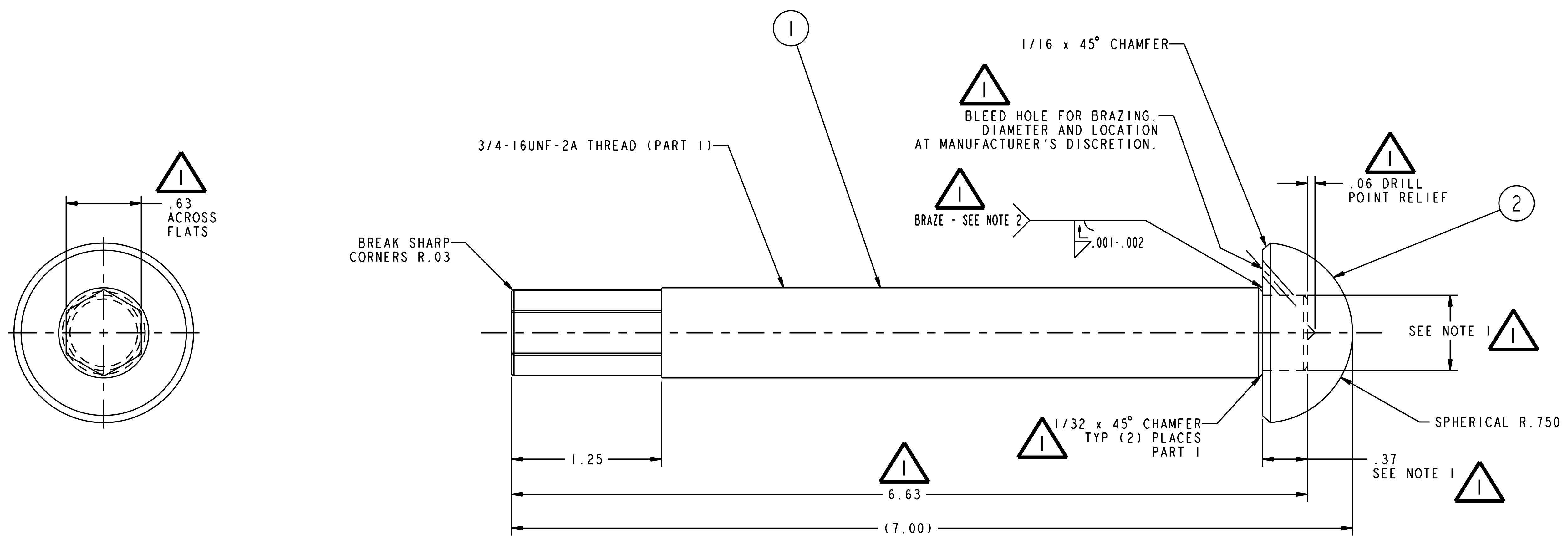


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-5008	LM	TB	JS	T. BROWN	7-18-05



- 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.

QTY	PART NO.	DRAWING NO.	DESCRIPTION OR IDENTIFICATION	REQUIREMENTS	QTY REQD
1	2	THIS DWG	POSITIONER BALL		316 S/S
1	1	THIS DWG	POSITIONER STUD		316 S/S
1	—	THIS DWG	BALL AND STUD ASSEMBLY		3

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
Pro E		UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING		DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED	MODULAR COILS BALL ALIGNMENT ASSEMBLY BALL AND STUD ASSEMBLY	
WEIGHT 1.0 lbs		TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	7-6-05
MODEL NAME SE1851-175		DECIMAL-INCH FRACTIONS	CHK: M. COLE	7-6-05
RELEASE LEVEL: WIP DWG VERSION NO: 0		NEXT ASSEMBLY	ENGR: T. BROWN	7-6-05
WELDING ENGINEER		ANGULAR	SUPV: J. SIEGEL	7-6-05

NCSX-SE1851-175