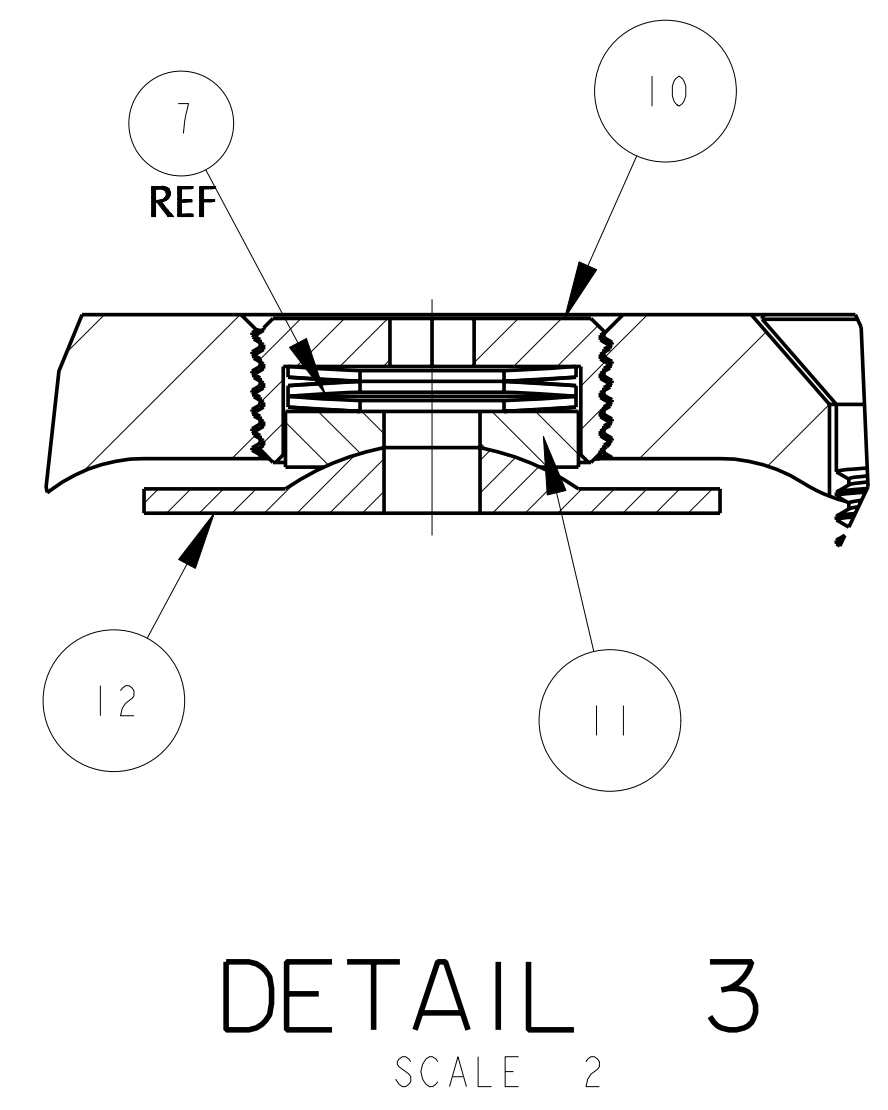
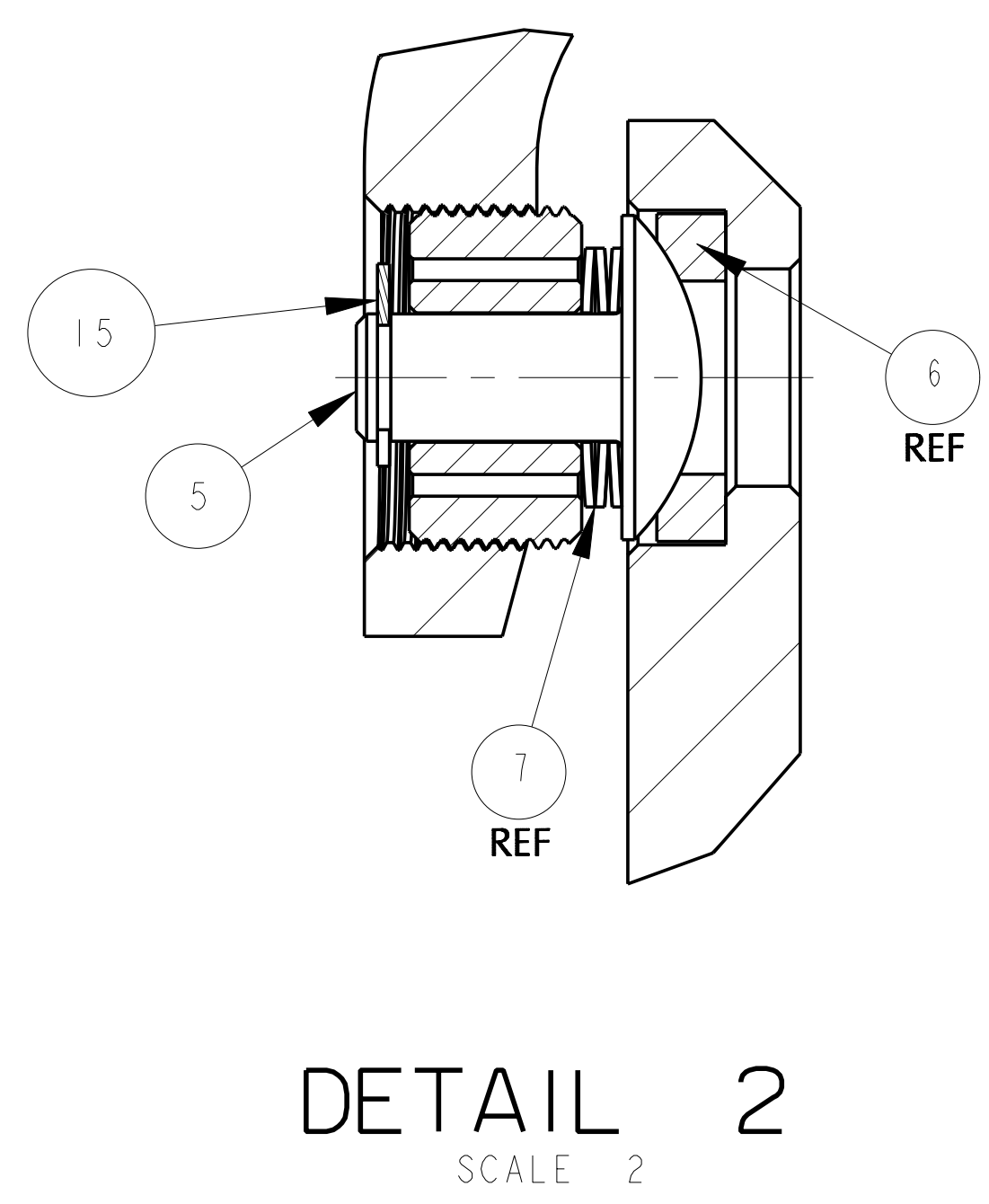
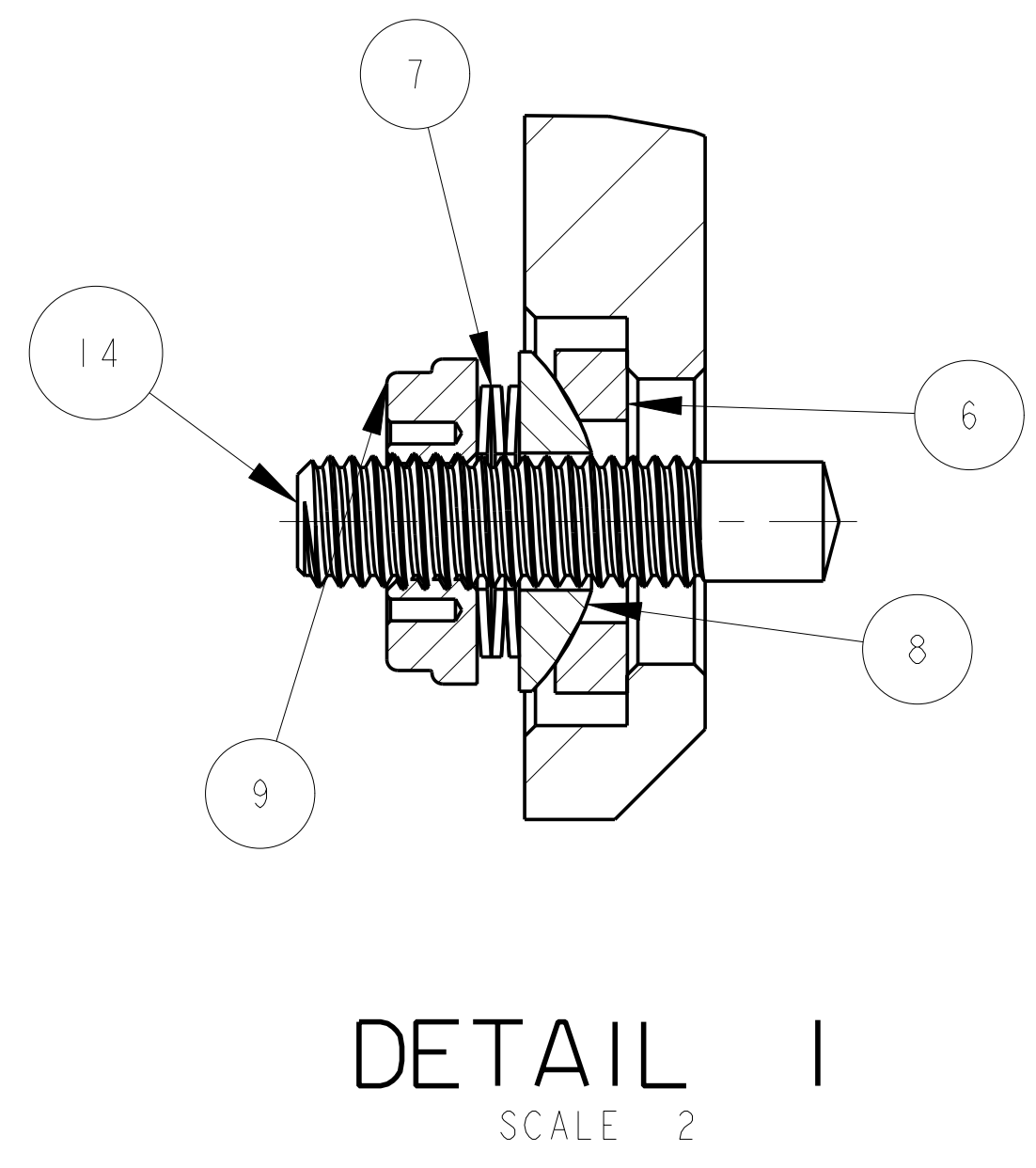
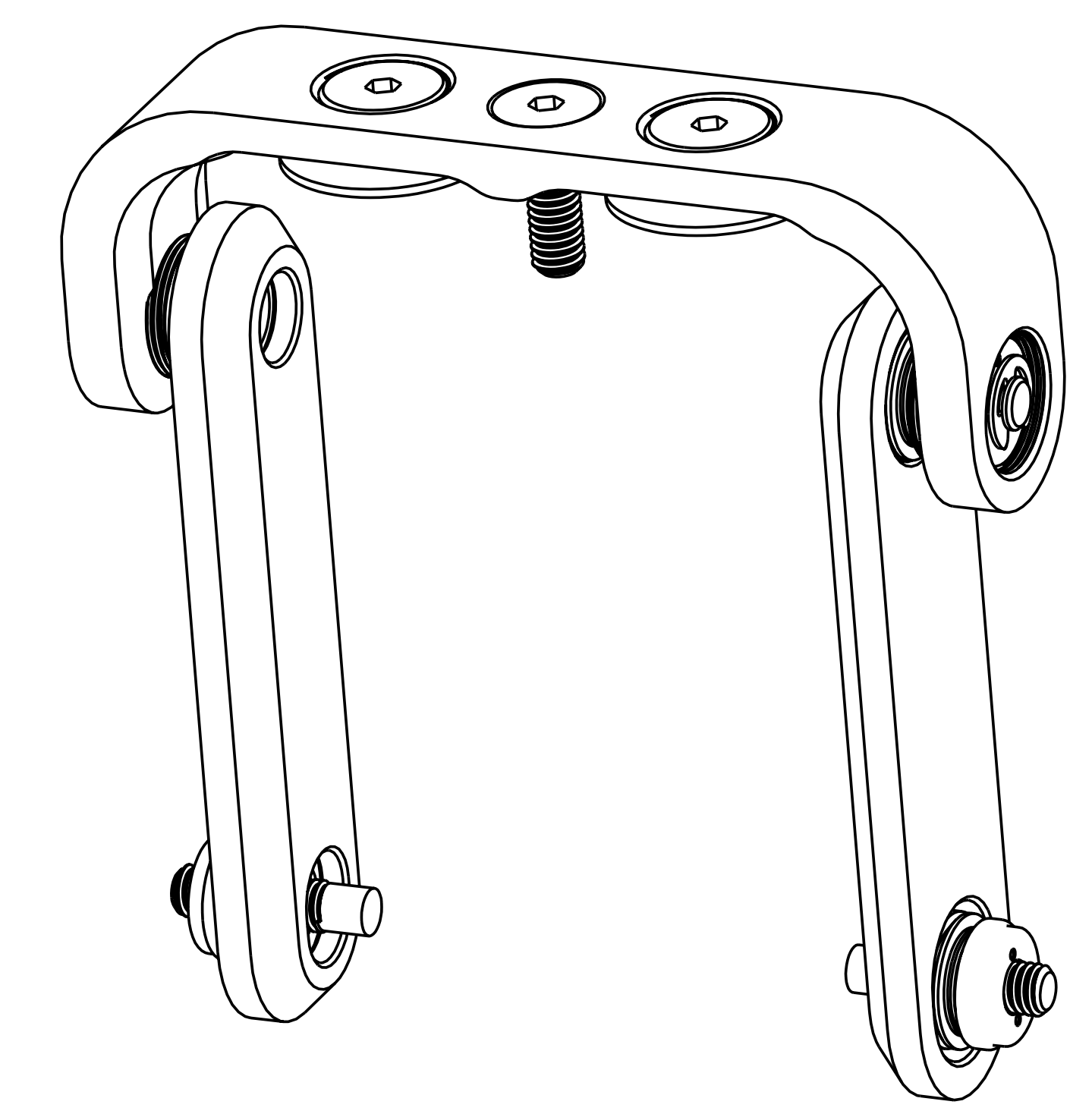
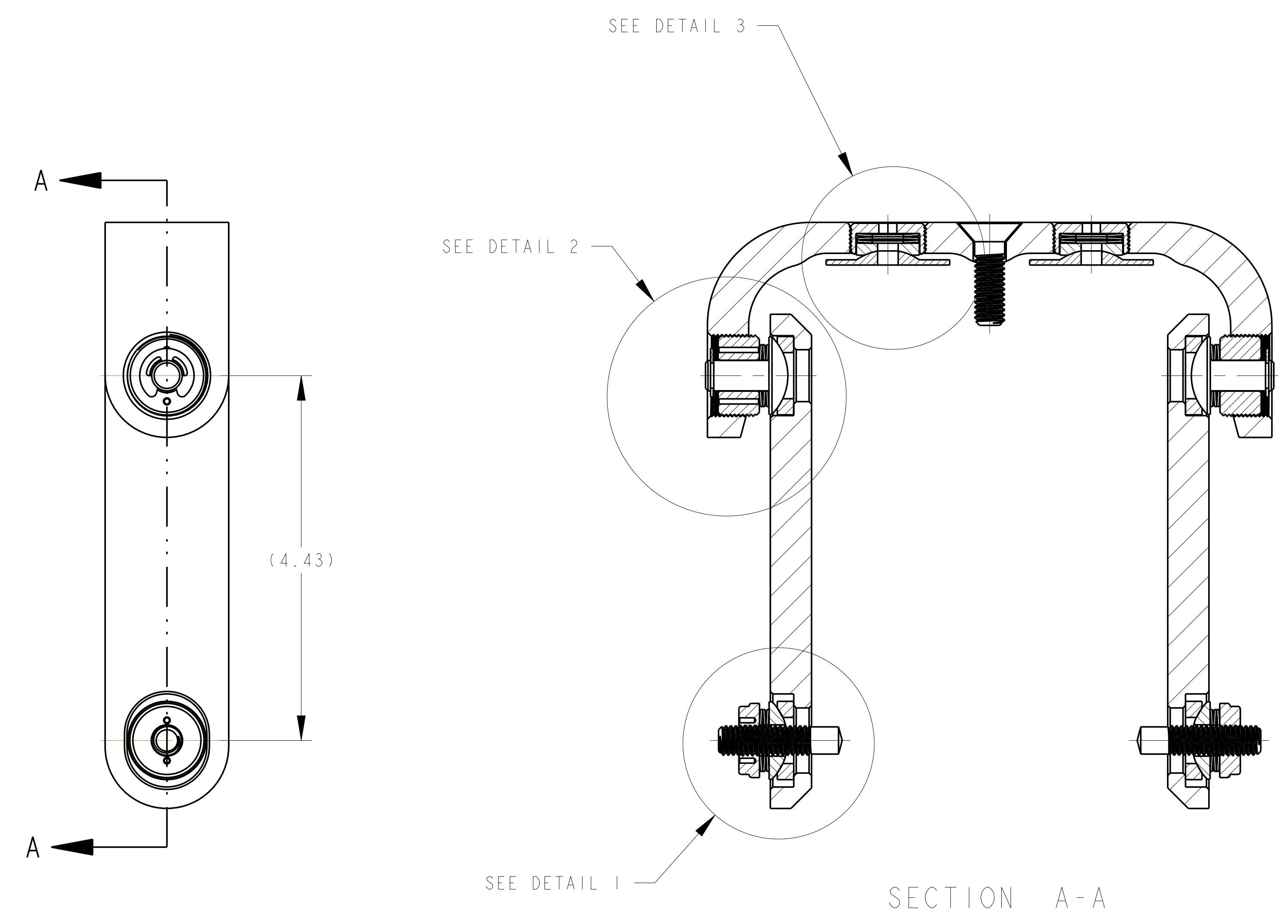
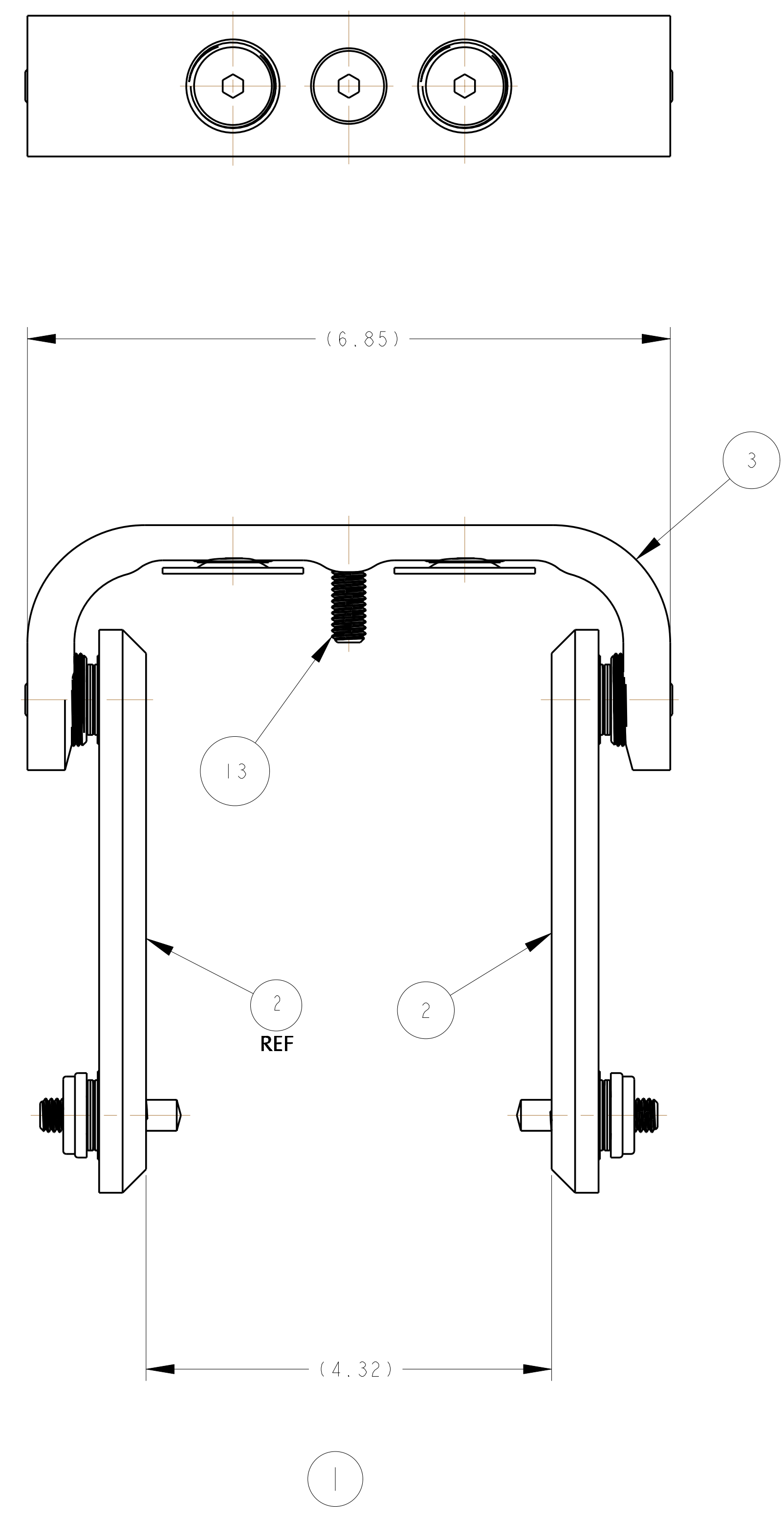


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
 2. DIMENSIONS ARE IN INCHES
 3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K
 4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES
 5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART
 6. USE LOCTITE TO SECURE THREADED COMPONENTS



CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
2	SE1405-266P	E-RING, EXTERNAL	BERYLLIUM COPPER	MS16633-5037	15
2	SE1405-265P	STUD, WELD, 3/8-16 UNC-2A	316L SS	--	14
1	SE1405-264P	SCREW, 3/8-16 UNC-2A X 1 1/4	316L SS AG PLATED	--	13
2	SE1405-263P	WASHER, SPHERICAL, CONVEX	316L SS	--	12
2	SE1405-262P	PISTON, SPHERICAL, CONCAVE	A286 SUPERALLOY	--	11
2	SE1405-261P	SCREW, SET, 15/16-20 UNEF-2A X 3/8	316L SS AG PLATED	--	10
2	SE1405-260P	NUT, PIN DRIVE, 3/8-16 UNC-2B	316L SS AG PLATED	--	9
2	SE1405-259P	WASHER, SPHERICAL, TYPE C	A286 SUPERALLOY	DIN 6319 MODIFIED	8
18	SE1405-258P	WASHER, BELLEVILLE, 3/4 OD, 3/8 ID	BERYLLIUM COPPER	--	7
4	SE1405-257P	WASHER, SPHERICAL, TYPE D	303 SS ANNEALED	DIN 6319	6
2	SE1405-256P	RIVET, SPECIAL BUTTON HEAD	A286 SUPERALLOY	--	5
2	SE1405-255P	SCREW, SET, 1-20 UNEF-2A X 1/2	316L SS AG PLATED	--	4
1	SE1405-254P	BAR, CLAMP, HORIZONTAL	316L SS	--	3
2	SE1405-251P	BAR, CLAMP, VERTICAL	316L SS	--	2
1	SE1405-250P	CLAMP ASSEMBLY, 40 TURN	--	--	1

← NEXT ASSEMBLY

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	DRNL	DOE	DATE

SCALE 1
 TOLERANCES UNLESS OTHERWISE SPECIFIED
 FRACTIONS ±.01
 XX DECIMALS ±.005
 XXX DECIMALS ±.0015
 ANGLES ±0°15'
 BREAK SHARP EDGES 06 MAX
 FINISH .125 UNLESS OTHERWISE SPECIFIED

DES: PAUL MILLER 4-12-04
 DRW: PAUL MILLER 4-13-04
 CHK: :
 SECT: :
 DEPT: :
 PE: :
 CR: :
 PJ: :
 RED: :
 PPPL DRFT :
 :
 :
 DRAWING APPROVALS: DATE

Oak Ridge National Laboratory
 managed for the DEPARTMENT OF ENERGY under
 U.S. GOVERNMENT contract DE-AC05-00OR22725
 UT-BATTELLE, LLC. Oak Ridge, Tennessee
 PROJECT NAME
NATIONAL COMPACT STELLARATOR EXPERIMENT

CLAMP ASSEMBLY, 40 TURN

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
0	X-10	5700	3	1	S	U
RELEASE LEVEL	SE1405-250P					REV
WIP						0

H
G
F
E
D
C
B
A