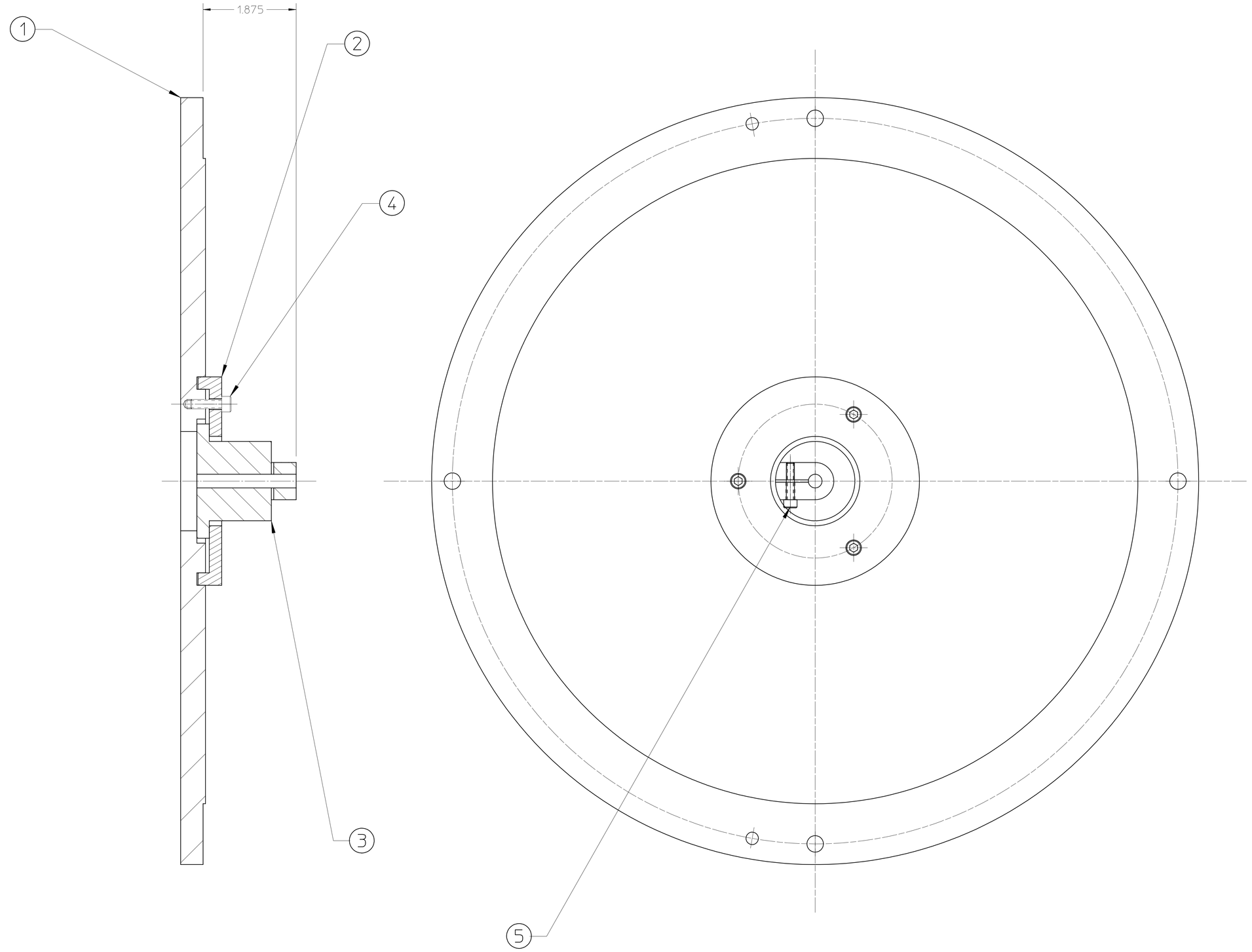

NOTES:
1. THE CENTERS OF ITEMS (3) AND (1) SHALL BE ALIGNED WITH A TOLERANCE OF +/- .001" PRIOR TO TIGHTENING THE SCREWS.
2. ONCE TIGHTENED, DO NOT LOOSEN THE SCREWS OF THE CLAMP (ITEM (4))

21G7836

REQD	ITEM	PART NO	DESCRIPTION
1	5	-	SHCS, 8-32 X .75" LONG
3	4	-	SHCS, 10-32, .625" LONG
1	3	21G7812	CENTERING ROD CLAMP
1	2	21G7802	CLAMP RING
1	1	21G7826	ALIGNMENT FLANGE

REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED
TOLERANCES: .X ± .1 FRAC. ±1/64; .XX ± .01 ANGLES ± 1°; .XXX ± .005 FINISH 125√
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30°.
CUT 1.5 PITCH END RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.
BREAK EDGES .03 MAX. ON MACHINED WORK.
REMOVE BURRS WELD SPLATTER & LOOSE SCALE
REFERENCES: ANSI Y14.5 & B46.1.

SHOP ORDERS
ACCT NO. | SERIAL NO.
DATE ISSD | DATE REQD. | NO REQD.
DELIVER TO
SURFACE TREATMENT: DEGREASE
IDENT METH: TAG
DWG BY: J. MANDRILLON DATE: 05-15-99
CHK BY: D. CHENG DATE: 05-20-99

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA-BERKELEY
SNS-FES ION SOURCE AND LEBT
MECHANICAL SYSTEMS
ALIGNMENT PLATE ASSEMBLY

PATENT CLEAR | DWG. TYPE: ASSEMBLY | SHOWN ON | SCALE: FULL | DO NOT SCALE PRINTS
MICROFILMED | DESIGN ACCT. NO.: 8210-14 | CATEGORY CODE: FE3111 | DWG. NO.: 21G7836 | SIZE | REV.