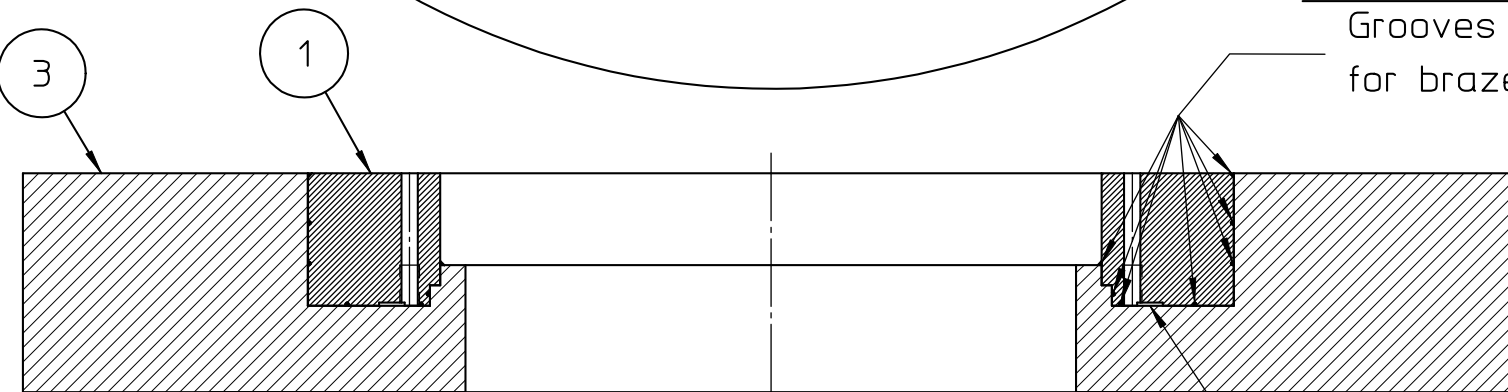
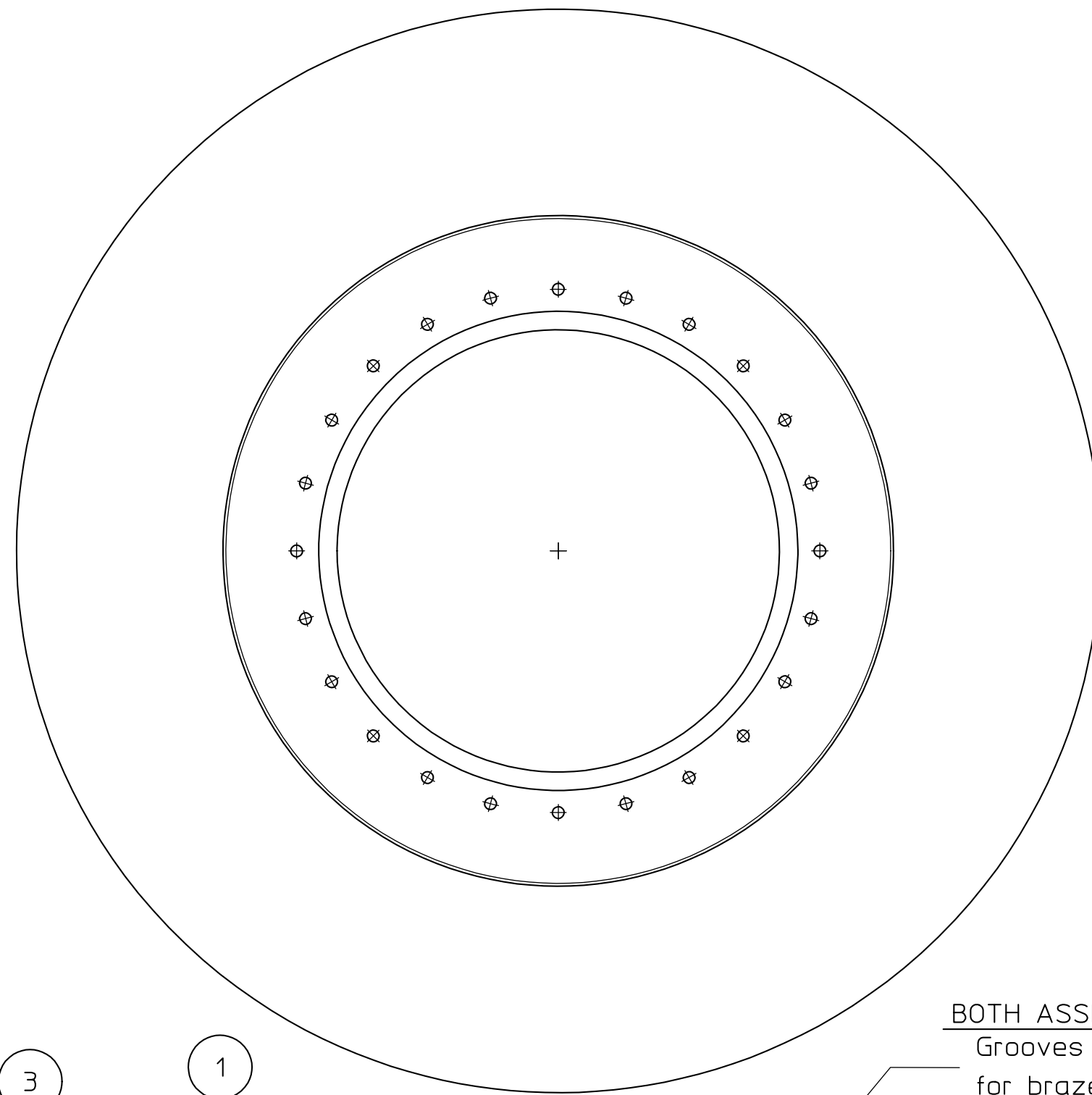
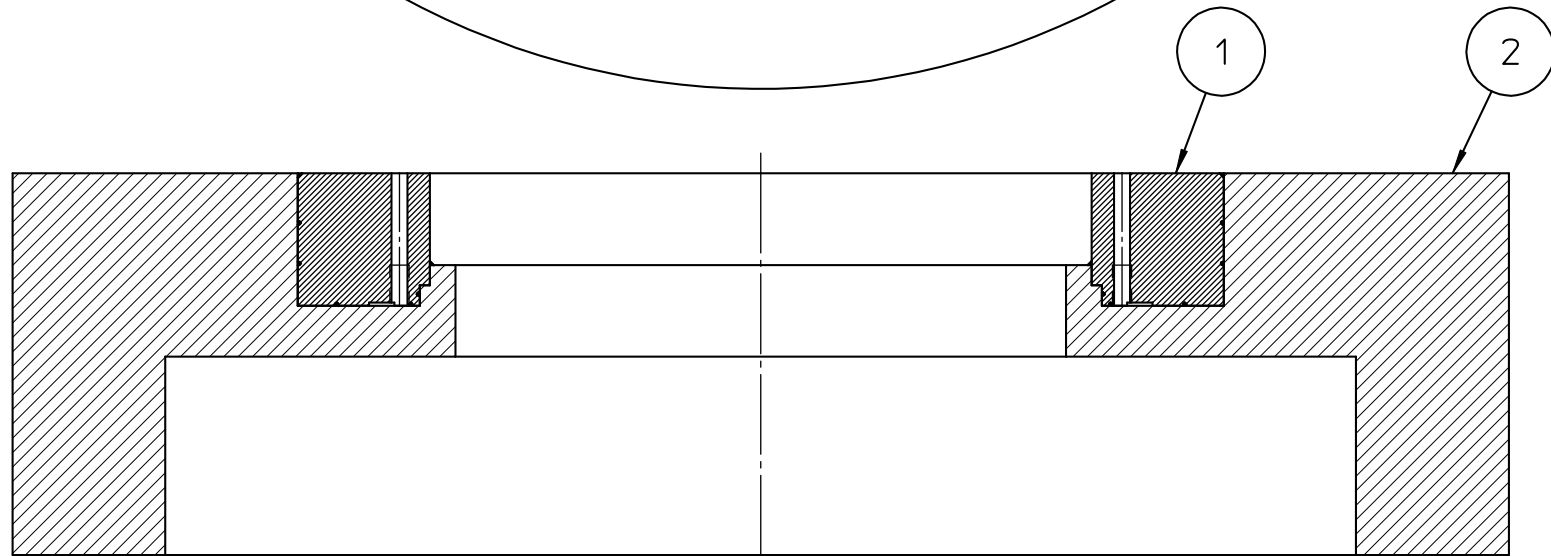
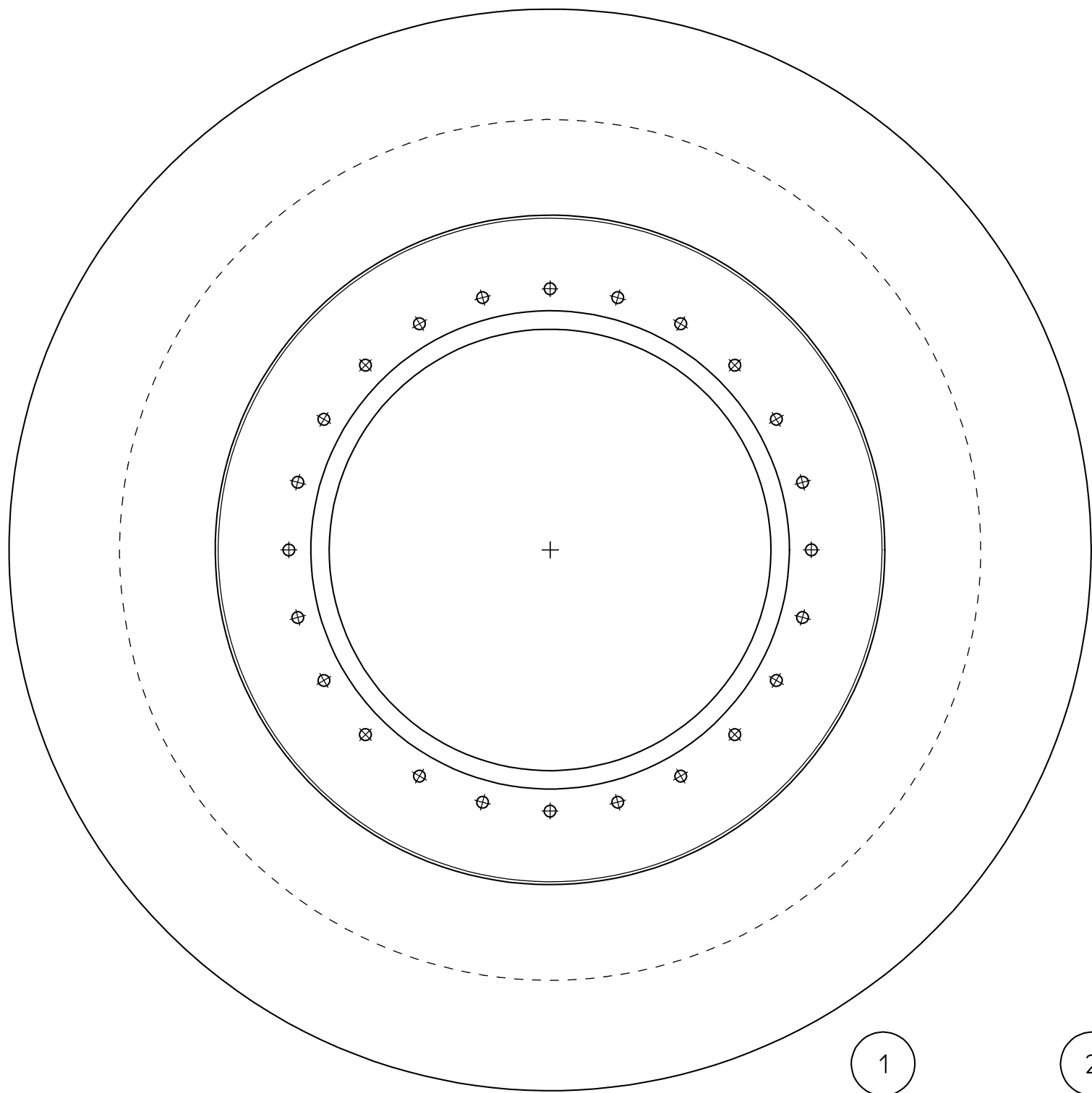


| REQ | ITEM | PART NUMBER | DESCRIPTION                  |
|-----|------|-------------|------------------------------|
| 2   | 1    | 21K5144     | CAVITY BODY-ROUGH SS         |
| 1   | 2    | 21K5126     | CAVITY BODY-1 - ROUGH COPPER |
| 1   | 3    | 21K5136     | CAVITY BODY-2 - ROUGH COPPER |



21K5153

BOTH ASSEMBLIES  
Grooves and Chamfer  
for braze material.

BOTH ASSEMBLIES  
Keep .03 x .25  
groove free of  
braze material.

NOTES:

Ramp up so as to cause  
minimum distortion.  
Hold at 1885-1985\242F  
for proper flow of  
BFM 3565.  
Ramp down so as to cause  
minimum distortion.

|     |     |     |      |      |         |  |                                                                                                                                            |          |               |                     |            |                                   |                           |          |                  |                     |         |   |
|-----|-----|-----|------|------|---------|--|--------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|---------------------|------------|-----------------------------------|---------------------------|----------|------------------|---------------------|---------|---|
|     |     |     |      |      |         |  | UNLESS OTHERWISE SPECIFIED                                                                                                                 |          | SHOP ORDERS   |                     |            | LAWRENCE BERKELEY LABORATORY      |                           |          |                  |                     |         |   |
|     |     |     |      |      |         |  | TOLERANCES                                                                                                                                 | .X ± -   | FRAC. ± 1/64  | ACCT. NO.           | SERIAL NO. | UNIVERSITY OF CALIFORNIA-BERKELEY |                           |          |                  |                     |         |   |
|     |     |     |      |      |         |  |                                                                                                                                            | .XX ± -  | ANGLES ± .01° | DATE ISSD           | DATE REQD. | NO REQD.                          | PLASMA APPLICATIONS GROUP |          |                  |                     |         |   |
|     |     |     |      |      |         |  |                                                                                                                                            | .XXX ± - | FINISH 125✓   | DELIVER TO          |            |                                   | Mu COOL HP TEST CAVITY    |          |                  |                     |         |   |
|     |     |     |      |      |         |  | THREADS ARE CLASS 2<br>CHAMFER ENDS OF ALL SCREW THREADS 30°.<br>CUT 1.5 PITCH THRD RELIEF WITH ROUND NOSE TOOL<br>ON MACHINE CUT THREADS. |          |               | SURFACE TREATMENT - |            |                                   | CAVITY BODY - 1st BRAZE   |          |                  |                     |         |   |
|     |     |     |      |      |         |  | BREAK EDGES .016 MAX. ON MACHINED WORK<br>REMOVE BURRS WELD SPLATTER & LOOSE SCALE<br>REFERENCES: ANSI Y14.5 & B46.1.                      |          |               | IDENT. METH. -      |            | PATENT CLEAR                      | DWG. TYPE                 | SHOWN ON | SCALE            | DO NOT SCALE PRINTS |         |   |
|     |     |     |      |      |         |  |                                                                                                                                            |          |               | DATE 11-16-00       |            | MICROFILMED                       | ASSEMBLY                  | -        | DWG. NO.         | SIZE                | REV.    |   |
|     |     |     |      |      |         |  |                                                                                                                                            |          |               | DATE -              |            |                                   |                           |          | DESIGN ACCT. NO. | CATEGORY CODE       | 21K5153 | - |
| REV | DWG | CHK | ZONE | DATE | CHANGES |  |                                                                                                                                            |          |               |                     |            |                                   |                           | 72MCC2   | PA0003           |                     |         |   |