SAMPLE HOLDERS

Please be advised to have samples holders made up at your home institution prior to beamtime as the beamline stock only a limited number of spare sample holders. Typically, sample holders are made out of 1 mm Al or 2 mm PMMA. Screw holes are 4 unthreaded M3s. The sample/hole size is variable; please consult for further details if required.

Please see next two pages for drawings for the cryostat tail ends (on which the sample holders are mounted). These are for your information only – users are not expected to bring their own tail ends.
NOTES:
1. MATERIAL: ALUMINIUM 6061 OR ACRYLIC PLASTIC [AS PER ORDER REQUEST]
2. REMOVE ALL BURRS AND SHARP EDGES.
3. PARTS TO BE SUPPLIED CLEANED AND FREE FROM CUTTING FLUIDS, SWARF OR ANY CHEMICAL RESIDUES LEFT DURING PROCESSING.
4. TAPPED HOLES TO BE DE-BURRED BY COUNTERSINKING 90 DEGREES TO ROOT DIAMETER OF THREAD.
5. IF ALUMINIUM MATERIAL SPECIFIED: NATURAL ANODISE COATING, THICKNESS TO BE CONSIDERED WHEN MACHINING TAPPED, BORED HOLES & CRITICAL DIMENSIONS.
NOTE: Same as 1201-0040-01 CRYOSTAT DOUBLE SAMPLE HOLDER
Refer to that drawing for all NOTES, DIMENSIONS & TOLERANCES.
(This part has added notches as dimensioned above)

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AUSTRALIAN SYNCHROTRON

DRAWN
NAME
DATE
EXECUTED
CHECKED
APPROVED

1201-0040-01B

1201-0043-01B

Cryostat Double Sample Holder Notched

MATERIAL
ALUMINIUM or Acrylic

DO NOT SCALE

SHEET 1 OF 1

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