**401 Bilayer Perfusion Chamber, Rev. 2**

- **A** Trans chamber Ø.510 by 0.735 dp.
- **B** Cis chamber Ø.439 by 0.685 dp. with stir bar step Ø.279 by 0.050 dp.
- **C** 3× Perfusion inlets/outlets Ø.062 drill at 60° through to cis chamber
- **D** Trans cup #6-32 thumb screw #6-32 thd. 1.059" to Trans chamber with Ø.144 counterbore clearance 0.700 dp.
- **E** 2× Alignment bolt clearances Ø.172 clearance Ø.281 counterbore 0.220 dp. for #8-32 thd. socket head cap screw
- **F** 4× #8-32 thd. 0.5" dp. on a Ø1.414 b.c.
- **G** 4× #4-40 thd. 0.20" dp.

**NOTE:** Modify 4 existing cells to add glass window pocket.

Tap 4× #4-40s into the part so the Glass Retaining Plate (P/N 443) can be mounted. See G.

**Part:** Bilayer Perfusion Chamber
**Material:** PEEK
**Scale:** 1:1  **Unit:** inch