TITLE: Teflon Etch Cell

Designer: M. J. Sailor

UNLESS OTHERWISE SPECIFIED, DIM ARE INCHES, MATERIAL IS TEFLO
notch for #116 Viton O-ring (18.72 mm ID, 2.62 mm width), not deeper than 0.045 in.

notch for #112 Kalrez O-ring (12.37 mm ID, 2.62 mm width), not deeper than 0.06 in.

UNLESS OTHERWISE SPECIFIED, DIM ARE INCHES, MATERIAL IS TEFLOW

TITLE: Teflon Etch Cell Top
Designer: M. J. Sailor

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Note: these grooves allow the fixture to be mounted in a conventional FTIR instrument. If the electrode contact (Al foil typically) has a hole that coincides with the central 0.25" dia hole in the Teflon piece, a transmission-mode infrared spectrum of the porous Si film can be obtained without de-mounting the chip.