



ADDITIONAL NOTES:

1. Material is 6061-T6 aluminum. Starting block is 4.48" x 10" x 0.75".
2. Standard tolerance is 0.005" unless otherwise noted.

EXTENDED UNIBODY LITTROW LASER -- LOWER LID

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NOTES:

A: 8-32 clearance through part ($\varnothing 0.177$ "), for mounting lids to main cavity.

B: 8-32 tapped through part, for mounting lower lid to baseplate.

C: $\varnothing 0.177$ " hole through part.

D: 1.750" x 1.350" x 0.080" deep rectangular hole with $\varnothing 3/8$ " fillets, and centered as shown. Dimensions not critical.

E: 1.600" x 0.500" x 0.005" deep rectangular hole with $\varnothing 3/8$ " fillets, inset with a 1.500" x 0.250" x 0.010" deep rectangular hole with $\varnothing 1/4$ " fillets, rotated 45° relative to rest of part, and centered as shown. Dimensions not critical. (Inset border to be used to align grating arm.)

F: 0.115" wide flat-bottom channel, 0.080" deep, oriented as shown. Channel is for a 3/32" thick, 7" inner diameter O-ring.

G: $\varnothing 7/32$ " flat-bottom hole, 0.055" deep, for a 1/16" thick, 5/64" inner diameter O-ring.