



**Front Load Wall Mount
Tension Frame Support
Part #2171**

Alloy = 6063-T6
 Area = 0.738 in²
 Perimeter = 11.805 in
 Centroid, with respect to Sketch Origin (in)
 X = 2.865
 Y = 0.761
 Inertia with respect to Sketch Origin (in):
 Inertia Tensor (in⁴)
 Ixx = 0.77
 Ixy = 0.904
 Iyx = 0.904
 Iyy = 7.595
 Polar Moment of Inertia = 8.365 in⁴
 Area Moments of Inertia with respect to Principal Axes (in⁴):
 Ix = 0.015
 Iy = 1.86
 Section Modulus with respect to Principal Axes (in³):
 Sx = 0.020
 Sy = 0.649
 Polar Moment of Inertia = 1.875 in⁴
 Rotation Angle from projected Sketch Origin to Principal Axes (degrees):
 About z axis = -24.92
 Radii of Gyration with respect to Principal Axes (in):
 R1 = 0.141
 R2 = 1.587

SECTION MODULUS
SCALE 1 : 1

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