



5" Narrow Access Raceway - Back
Part #1962N

Alloy 6063-T6

Area = 0.961 in²

Perimeter = 23.615 in

Centroid, with respect to Sketch Origin (in)

X = 0.658

Y = 2.196

Inertia with respect to Sketch Origin (in⁴):

Inertia Tensor (in⁴)

Ixx = 8.512

Ixy = 0.696

Iyx = 0.696

Iyy = 1.085

Polar Moment of Inertia = 9.597 in⁴

Area Moments of Inertia with respect to Principal Axes (in⁴):

Ix = 4.023

Iy = 0.525

Polar Moment of Inertia = 4.548 in⁴

Section Modulus with respect to Principal Axes (in³):

Sx = 1.832

Sy = 0.798

Rotation Angle from projected Sketch Origin to Principal Axes (degrees):

About z axis = 11.67

Radii of Gyration with respect to Principal Axes (in):

R1 = 2.047

R2 = 0.739

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SCALE 1 : 1

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Project Name: 5" Narrow Access Raceway - Back	Sheet: 1 of 1		Size: A	
	Drawing By: SBreihof		Date: 3/14/2016	
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