



Series 4 4in Square Post  
SCALE 1 : 1

**Series 4 4in Square Post  
Part #1333**

Alloy: 6063-T6  
 Area = 2.483 in<sup>2</sup>  
 Perimeter = 38.572 in  
 Centroid, with respect to Sketch Origin(in)  
 X = 2  
 Y = 1.882  
 Inertia with respect to Sketch Origin(in):  
 Inertia Tensor(in<sup>4</sup>)  
 Ixx = 13.972  
 Ixy = 9.347  
 Iyx = 9.347  
 Iyy = 15.48  
 Polar Moment of Inertia = 29.453 in<sup>4</sup>  
 Area Moments of Inertia with respect to Principal Axes(in<sup>4</sup>):  
 Ix = 5.176  
 Iy = 5.547  
 Polar Moment of Inertia = 10.724 in<sup>4</sup>  
 Section Modulus with respect to Principal Axes (in<sup>3</sup>):  
 Sx = 2.750  
 Sy = 2.774  
 Radii of Gyration with respect to Principal Axes(in):  
 R1 = 1.444  
 R2 = 1.495

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Project Name:	Series 4 4in Square Post	Sheet:	1 of 1	Size:	A
Sign Company:	SignComp	Revision:		Drawing By:	SBreihof
Part #:	1333	Date:	2/9/2017		

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