

Mass properties of piece4  
Configuration: Default  
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 302.48 grams

Volume = 12029.38 cubic millimeters

Surface area = 20557.48 square millimeters

Center of mass: ( millimeters )

X = -5.92

Y = 0.67

Z = 14.89

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

taken at the center of mass.

Ix = ( 0.98, -0.01, -0.20)

Px = 99777.10

Iy = ( 0.03, 0.99, 0.1)

Py = 225871.32

Iz = ( 0.20, -0.1, 0.97)

Pz = 262651.03

Moments of inertia: ( grams \* square millimeters )

taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 106169.49      Lxy = -672.31      Lxz = -31537.45

Lyx = -672.31      Lyy = 226305.07      Lyz = 4268.69

Lzx = -31537.45      Lzy = 4268.69      Lzz = 255824.88

Moments of inertia: ( grams \* square millimeters )

taken at the output coordinate system. (Using positive tensor notation.)

lxx = 173388.83      lxy = -1870.31      lxz = -58187.02

lyx = -1870.31      lyy = 303975.60      lyz = 7284.38

lzx = -58187.02      lzy = 7284.38      lzz = 266547.21