

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

Mass = 52.49 grams

Volume = 47289.30 cubic millimeters

Surface area = 36973.46 square millimeters

Center of mass: ( millimeters )

X = -5.60

Y = 2.73

Z = 73.47

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )  
Taken at the center of mass.

Ix = ( 0.46, 0.89, 0.00) Px = 21502.87

Iy = (-0.89, 0.46, 0.01) Py = 50477.72

Iz = ( 0.01, 0.00, 1.00) Pz = 55048.71

Moments of inertia: ( grams \* square millimeters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 44404.78 Lxy = 1793.48 Lxz = -33.1

lyx = 1793.48 lyy = 27576.00 lyz = 0.20

Lzx = -33.1 Lzy = 0.20 Lzz = 55048.51

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

lxx = 328162.01 lxy = 10991.09 lxz = -21614.01

lyx = 10991.09 lyy = 312585.08 lyz = 10535.84

lzx = -21614.01 lzy = 10535.84 lzz = 57083.81