

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

Mass (user-overridden) = 3627.34 grams

Volume = 3356786.53 cubic millimeters

Surface area = 1220540.38 square millimeters

Center of Mass (user-overridden): (millimeters)

X = 0.69

Y = 0.33

Z = 46.58

Principal axes of inertia and principal moments of inertia(user-overridden): (grams * square millimeters)

Taken at the center of mass.

Ix = (-0.01, 1.00, 0.00)

Px = 165501191.70

Iy = (-1.00, -0.01, 0.00)

Py = 165894407.87

Iz = (0.00, 0.00, 1.00)

Pz = 319073116.06

Moments of inertia: (grams * square millimeters)

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

Lxx = 165894415.35 Lxy = -5252.73 Lxz = -108602.14

Lyx = -5252.73 Lyy = 165501269.09 Lyz = -34742.29

Lzx = -108602.14 Lzy = -34742.29 Lzz = 319073031.20

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

Ixx = 173763531.72 Ixy = -4435.38 Ixz = 7221.21

Iyx = -4435.38 Iyy = 173371698.46 Iyz = 20786.61

Izx = 7221.21 Izy = 20786.61 Izz = 319075127.92