

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

The mass properties were copied from an assembly when the assembly was saved as a part.
To update the mass properties, please open the assembly and resave it as a part.

Density = 0.00 grams per cubic millimeter

Mass = 1553.91 grams

Volume = 1553909.31 cubic millimeters

Surface area = 283898.13 square millimeters

Center of mass: (millimeters)

X = -532.93

Y = 101.50

Z = 23.44

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

Taken at the center of mass.

Ix = (0.13, 0.99, 0.00) Px = 17975385.89

Iy = (0.00, 0.00, 1.00) Py = 1017086.40

Iz = (0.99, -0.13, 0.00) Pz = 17085419.81

Moments of inertia: (grams * square millimeters)

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

Lxx = 15395205.56 Lxy = 12832005.57 Lxz = 81.62

Lyx = 12832005.57 Lyy = 19665600.13 Lyz = 21.67

Lzx = 81.62 Lzy = 21.67 Lzz = 1017086.40

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

Ixx = 132256446.54 Ixy = -71218830.24 Ixz = -19409639.50

Iyx = -71218830.24 Iyy = 461843842.26 Iyz = 3696818.01

Izx = -19409639.50 Izy = 3696818.01 Izz = 558449267.06