Mass properties of Part4
Configuration: Default
Coordinate system: -- default --

The center of mass and the moments of inertia are output in the coordinate system ofAssem1
Density = 0.00 grams per cubic millimeter

Mass = 2566.05 grams

Volume = 2566050.68 cubic millimeters

Surface area = 132956.01 square millimeters

Center of mass: (millimeters)
X = -76.30
Y = 125.62
Z = 240.33

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
Ix = (0.29, 0.30, 0.91) Px = 4013234.90
Iy = (-0.64, -0.65, 0.41) Py = 23761633.63
Iz = (0.72, -0.70, 0.00) Pz = 26001805.06

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 23307153.30 Lxy = 2810894.67 Lxz = 5120578.96
Lyx = 2810894.67 Lyy = 23069219.32 Lyz = 5403494.65
Lzx = 5120578.96 Lzy = 5403494.65 Lzz = 7400300.97

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
Ixx = 212013693.22 Ixy = -21783671.76 Ixz = -41932965.73
Iyx = -21783671.76 Iyy = 186220805.23 Iyz = 82873639.30
Izx = -41932965.73 Izy = 82873639.30 Izz = 62831577.94