Mass properties of selected components
Coordinate system: -- default --

The center of mass and the moments of inertia are output in the coordinate system ofAssem1
Mass = 6323.15 grams

Volume = 6323151.70 cubic millimeters

Surface area = 275501.72 square millimeters

Center of mass: ( millimeters )
X = -39.77
Y = 60.86
Z = 161.40

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

| | |
|---|---|
| Ix = (-0.20, 0.51, 0.84) | Px = 22780608.61 |
| Iy = ( 0.92, -0.20, 0.34) | Py = 89570162.83 |
| Iz = ( 0.34, 0.84, -0.43) | Pz = 93953675.95 |

Moments of inertia: ( grams * square millimeters )
Taken at the center of mass and aligned with the output coordinate system.

| | | |
|---|---|---|
| Lxx = 87434656.46 | Lxy = -8008008.79 | Lxz = -10470236.90 |
| Lyx = -8008008.79 | Lyy = 75277501.00 | Lyz = 300810**9**.05 |
| Lzx = -10470236.90 | Lzy = 300810**9**.05 | Lzz = 43592289.93 |

Moments of inertia: ( grams * square millimeters )
Taken at the output coordinate system.

| | | |
|---|---|---|
| Ixx = 275577282.35 | Ixy = -23314961.76 | Ixz = -51060860.10 |
| Iyx = -23314961.76 | Iyy = 249998288.84 | Iyz = 92197294.76 |
| Izx = -51060860.10 | Izy = 92197294.76 | Izz = 77019179.92 |