Mass properties of Tibia Subassembly
Configuration: Default
Coordinate system: Joint Frame

Mass = 153.89 grams

Volume = 78408.28 cubic millimeters

Surface area = 26102.21 square millimeters

Center of mass: (millimeters)
X = 33.09
Y = 7.96
Z = -0.02

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

Ix = (-1.00, -0.07, 0.00)	Px = 31179.21
Iy = (-0.07, 1.00, 0.02)	Py = 189728.54
Iz = (0.00, 0.02, -1.00)	Pz = 192685.38

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

Lxx = 31905.88	Lxy = 10708.70	Lxz = -103.37
Lyx = 10708.70	Lyy = 189003.01	Lyz = 49.68
Lzx = -103.37	Lzy = 49.68	Lzz = 192684.24

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

Ixx = 41654.00	Ixy = 51237.43	Ixz = -216.07
Iyx = 51237.43	Iyy = 357506.33	Iyz = 22.57
Izx = -216.07	Izy = 22.57	Izz = 370935.53

One or more components have overridden mass properties:
RX-28Dual<1><Default>