





$$J_2 = J_1 + \sum_{i=1}^{n} \left[J_{c_i} + m_i r_{c_i}^2 \right]$$

T_{Ci}: distance from the center of the brasi cyclinder to the center of the distance

m; mass of the brass cylinder.

$$I_{G} = \frac{1}{8} m D$$

D: Diameter of the brass cylinder.