Here are the Inertia Tensors
for each group in units of gm cm^2.

Group A Tensor =
$$\begin{pmatrix} 23400. & -6360. & -2560. \\ -6360. & 23400. & -2560. \\ -2560. & -2560. & 38600. \end{pmatrix}$$

Group B Tensor =
$$\begin{pmatrix} 22200. & -6750. & -2700. \\ -6750. & 22200. & -2700. \\ -2700. & -2700. & 36800. \end{pmatrix}$$

Group C Tensor =
$$\begin{pmatrix} 21800. & -6590. & -2670. \\ -6590. & 21800. & -2670. \\ -2670. & -2670. & 35900. \end{pmatrix}$$

Group D Tensor =
$$\begin{pmatrix} 25500. & -8380. & -3290. \\ -8380. & 25500. & -3290. \\ -3290. & -3290. & 42500. \end{pmatrix}$$

Group E Tensor =
$$\begin{pmatrix} 26000. & -7320. & -2920. \\ -7320. & 26000. & -2920. \\ -2920. & -2920. & 43100. \end{pmatrix}$$

Group F Tensor =
$$\begin{pmatrix} 21400. & -5910. & -2390. \\ -5910. & 21400. & -2390. \\ -2390. & -2390. & 35300. \end{pmatrix}$$

Group G Tensor =
$$\begin{pmatrix} 26000. & -8940. & -3500. \\ -8940. & 26000. & -3500. \\ -3500. & -3500. & 43500. \end{pmatrix}$$

Group H Tensor =
$$\begin{pmatrix} 25000. & -7210. & -2770. \\ -7210. & 25000. & -2770. \\ -2770. & -2770. & 41900. \end{pmatrix}$$

Group I Tensor =
$$\begin{pmatrix} 25400. & -8240. & -3230. \\ -8240. & 25400. & -3230. \\ -3230. & -3230. & 42400. \end{pmatrix}$$

Group J Tensor =
$$\begin{pmatrix} 26300. & -8960. & -3520. \\ -8960. & 26300. & -3520. \\ -3520. & -3520. & 43900. \end{pmatrix}$$