

Forces and moments probed from "Weld 1" about the local coordinate system.

Weld 1 Local CS

Weld 1



Notes:

If $M_z > 0$, then solve for torsional stress at point A and add to $\tau_{TRANSVERSE, X}$ as well. M_Y not used in these calculations because the section modulus about Y-Y equals zero for a line.