Nomenclature

- $b, b_1, h, r_1, r_2, t_w, t_f, \beta$: Section dimension (see figure with table)
- $a_c, a_x, a_y$: Position of neutral axis
- $A$: Cross-sectional area
- $b, b_1$: Section dimension (see figure with table)
- $C_w$: Warping constant (definition and units uncertain)
- $G$: Shear modulus
- $h$: Section dimension (see figure with table)
- $I_{u}, I_{v}, I_x, I_y$: Moment of inertia
- $J$: (definition and units uncertain)
- $L$: Length of member
- $m$: Mass per unit length
- $r_u, r_v, r_x, r_y$: Radius of gyration
- $r_1, r_2$: Section dimension (see figure with table)
- $t$: Thickness of web or flange
- $t_f, t_w$: Section dimension (see figure with table)
- $T$: Torque
- $Z_{u}, Z_v, Z_x, Z_y$: Elastic section modulus (bending)
- $Z_{p lx}, Z_{p ly}$: Plastic section modulus
- $\beta$: Section dimension (see figure with table)