

# Member Force Results

Access the **Member Section Forces Spreadsheet** by selecting the **Results Menu** and then selecting **Members ▶ Forces**.

Member Section Forces (By Combination)								
		L	Member Label	S	Axial[k]	y Shea...	z Shea...	Torque...
136	1		M28	1	22.415	8.144	0	.381
137				2	10.848	3.368	0	.19
138				3	-.288	-.403	0	0
139				4	-10.992	-3.167	0	-.19
140				5	-21.265	-4.924	0	-.381
141	1		M29	1	27.548	13.962	0	.618
142				2	14.133	5.773	0	.309
143				3	.288	-.69	0	0
144				4	-13.99	-5.428	0	-.309
145				5	-28.698	-8.442	0	-.618
146	1		M30	1	12.775	5.817	0	.391
147				2	7.106	2.406	0	.195
148				3	.575	-.288	0	0
149				4	-6.819	-2.262	0	-.195
150				5	-15.075	-3.517	0	-.391

These are the member forces calculated along each active member taking into account any member offsets. The number of sections for which forces are reported is controlled by the **Number Of Sections** specified in the **Global Parameters Dialog**. The units for the forces are shown at the top of each column. As for the sign convention, the signs of these results correspond to the member's local axes, using the right hand rule. The left side forces at each section location are displayed. There are six force values for each section location.

These are axial, shear parallel to the local y axis (Shear y-y), shear parallel to the local z axis (Shear z-z), torque moment, moment about the member's local y axis (Moment y-y) and moment about the member's local z axis (Moment z-z). Please see the diagram below:

