Member Force Results

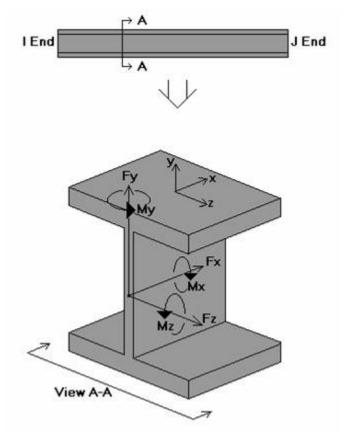
Access the Member Section Forces Spreadsheet by selecting the Results Menu and then selecting Members ▶ Forces.

Member Section Forces (By Combination)											
	1	L	Member Label	S	Axial[k]	y Shea	z Shea	Torque	y-y Mo	z-z Mo	
	136	1	M28	1	22.415	8.144	0	.381	0	9.316	
	137			2	10.848	3.368	0	.19	0	-1.484	
	138			3	288	403	0	0	0	-4.147	
	139			4	-10.992	-3.167	0	19	0	59	
	140			5	-21.265	-4.924	0	381	0	7.272	
	141	1	M29	1	27.548	13.962	0	.618	0	25.938	
	142			2	14.133	5.773	0	.309	0	-4.131	
	143			3	.288	69	0	0	0	-11.547	
	144			4	-13.99	-5.428	0	309	0	-1.642	
	145			5	-28.698	-8.442	0	618	0	20.248	
	146	1	M30	1	12.775	5.817	0	.391	0	6.824	
	147			2	7.106	2.406	0	.195	0	-1.087	
	148			3	.575	288	0	0	0	-3.038	
	149			4	-6.819	-2.262	0	195	0	432	
	150			5	-15.075	-3.517	0	391	0	5.327	
	454		MOA	4	070	04.7	0	0	0	000	

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:



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