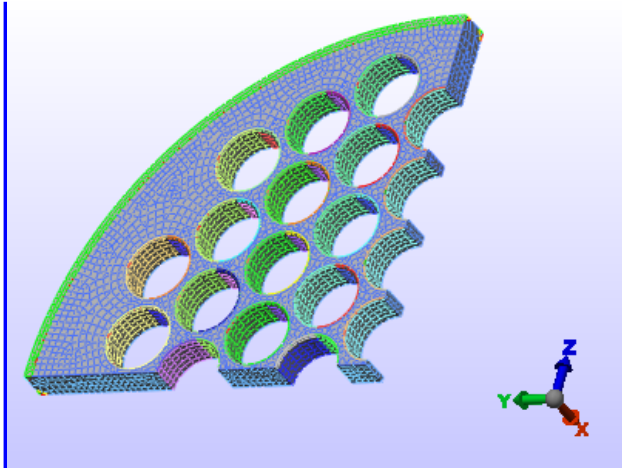




Design Analysis



Project created on 1/29/2009.
Last updated on 2/4/2009.

Project checked on 2/4/2009.

Load and Constraint Information

Loads

Load Set 2: Liner Loads @ 218 psi

Surface Forces

ID	Description	Part ID	Surface ID	Magnitude	Vx	Vy	Vz
1	Liner loads	3	65	828	1	0	0
2	Liner loads	3	66	828	1	0	0
3	Liner loads	3	71	828	1	0	0
4	Liner loads	3	74	828	1	0	0
5	Liner loads	3	76	828	1	0	0
6	Liner loads	3	79	828	1	0	0
7	Liner loads	3	83	828	1	0	0
8	Liner loads	3	86	828	1	0	0
9	Liner loads	3	88	828	1	0	0
10	Liner loads	3	89	828	1	0	0
11	Liner loads	3	93	828	1	0	0
12	Liner loads	3	99	828	1	0	0
13	Liner loads	3	101	828	1	0	0
14	Liner loads	3	102	828	1	0	0
15	Liner loads	3	106	828	1	0	0
16	Liner loads	3	110	828	1	0	0
17	Liner loads	3	111	828	1	0	0
18	Liner loads	3	113	828	1	0	0
19	Liner loads	3	120	828	1	0	0

Surface Loads

Part ID	Surface ID	Element Type	Type	Parameters
3	46	Brick	Traction	X: 218 lbf/in ² , Y: 0 lbf/in ² , Z: 0 lbf/in ²

Constraints

Constraint Set 1: Unnamed

Surface Boundary Conditions

ID	Description	Part ID	Surface ID	Tx	Ty	Tz	Rx	Ry	Rz
1	Z symmetry	1	5	No	No	Yes	Yes	Yes	No
2	Z symmetry	2	5	No	No	Yes	Yes	Yes	No
3	Z symmetry	3	53	No	No	Yes	Yes	Yes	No
4	Z symmetry	3	54	No	No	Yes	Yes	Yes	No
5	Z symmetry	3	55	No	No	Yes	Yes	Yes	No
6	Y Symmetry	1	3	No	Yes	No	Yes	No	Yes
7	Y Symmetry	2	4	No	Yes	No	Yes	No	Yes
8	Y Symmetry	3	47	No	Yes	No	Yes	No	Yes
9	Y Symmetry	3	48	No	Yes	No	Yes	No	Yes
10	Y Symmetry	3	49	No	Yes	No	Yes	No	Yes
11	Y Symmetry	3	50	No	Yes	No	Yes	No	Yes
12	Y Symmetry	3	51	No	Yes	No	Yes	No	Yes
13	Weld	1	4	Yes	Yes	Yes	Yes	Yes	Yes
14	Weld	2	1	Yes	Yes	Yes	Yes	Yes	Yes

Superview Presentation Images

Stress

