

52.9 2800 8 8 8

NX

2B2330X60

15 150 60 30 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.42 2800 8 8 8 8 8 8
52.58 2800 8 8 8 8 8 8

2B9a30X60

15 50 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8 8
52.9 2800 8 8 8 8 8

2B9b30X60

15 100 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.1 2800 8 8 8 8 8
52.9 2800 8 8 8 8 8

2B1030X60

15 75 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.42 2800 8 8 8 8 8
52.58 2800 8 8 8 8 8

2B730X70

15 100 70 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
6.79 2800 6 6 6 6 6
9.29 2800 6 6 6 6 6
9.5 2800 3 3 3 3 3 3 3
63.21 2800 6 6 6 6 6 6 6

NX

2B7a30X70
15 75 70 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
9.29 2800 6 6
9.5 2800 3 3 3 3
63.21 2800 6 6 6 6

2B835X80
15 75 80 35
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.1 2800 8 8 8 8
72.9 2800 8 8 8 8

2B25a40X35
15 75 35 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.1 2800 8 8 8 8
27.9 2800 8 8 8 8

2B1140X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.42 2800 8 8 8 8
52.58 2800 8 8 8 8

2B320X60
15 63.525 60 20
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
9.5 2800 3 3 3 3
53.21 2800 6 6 6 6

NX

3B840X80
15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.17 2800 8 8 8 8
71.83 2800 8 8 8 8

3B140X80
15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B240X80
15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B9a30X60
15 50 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8
51.51 2800 8 8 8

3B930X60
15 50 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
8.17 2800 8 8 8
51.83 2800 8 8 8

3B1740X80
15 75 80 40

NX

2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B1840X80
15 50 80 40
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B1940X80
15 112.5 80 40
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B2040X80
15 100 80 40
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B2140X80
15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B2340X80
15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3

8.49 2800 8 8 8 8 8 8
 10.99 2800 8 8 8 8 8 8
 71.51 2800 8 8 8 8 8 8

NX

3B2440X80
 15 50 80 40
 2.5 2800 3 3 3
 9.5 2800 3 3 3
 8.49 2800 8 8 8 8 8 8
 10.99 2800 8 8 8 8 8 8
 71.51 2800 8 8 8 8 8 8

3B1a40X80
 15 75 80 40
 2.5 2800 3 3 3 3
 9.5 2800 3 3 3 3
 8.49 2800 8 8 8 8 8 8
 71.51 2800 8 8 8 8 8 8

3B2a40X80
 15 75 80 40
 2.5 2800 3 3 3 3
 9.5 2800 3 3 3 3
 8.49 2800 8 8 8 8 8 8
 71.51 2800 8 8 8 8 8 8

3B1030X60
 15 75 60 30
 2.5 2800 3 3 3 3
 9.5 2800 3 3 3 3
 8.49 2800 8 8 8 8
 51.51 2800 8 8 8 8

3B720x60
 15 100 60 20
 2.5 2800 3 3 3 3
 9.5 2800 3 3 3 3

NX

7.86 2800 6 6 6
10.36 2800 6 6 6
52.14 2800 6 6 6

3B7a20X60
15 75 60 20
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
10.36 2800 6 6 6
52.14 2800 6 6 6

3B9b30X60
15 100 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8
51.51 2800 8 8 8

3B430X60
15 125.25 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
52.14 2800 6 6 6

3B320X60
15 63.525 60 20
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
52.14 2800 6 6 6

3B3a20X145
15 63.525 145 20
2.5 2800 3 3 3
9.5 2800 3 3 3

NX

7.86 2800 6 6 6
137.14 2800 6 6 6

3B1230X60

15 112.5 60 30
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

3B1430X60

15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
51.83 2800 8 8 8 8 8 8 8

3B1530X60

15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
51.83 2800 8 8 8 8 8 8 8

3B1630X60

15 37.5 60 30
2.5 2800 3 3
9.5 2800 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8 8 8

3B1330X60

15 75 60 30
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

NX

3B530X60
15 83.75 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

3B630X60
15 83.75 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

RB030X90
15 65 90 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.64 2800 8 8 8 8 8
10.14 2800 8 8 8 8 8
82.36 2800 8 8 8 8 8

RB1230X60
15 56.25 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.01 2800 6 6 6 6 6
52.99 2800 6 6 6 6 6

RB1330X60
15 87.5 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.01 2800 6 6 6 6 6
52.99 2800 6 6 6 6 6

NX

RB1430X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
7.32 2800 8 8 8 8
52.68 2800 8 8

RB1530X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
7.32 2800 8 8 8 8
52.68 2800 8 8

RB2230X60
15 222 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.64 2800 8 8 8 8 8 8
52.36 2800 8 8 8 8

RB1630X60
15 37.5 60 30
2.5 2800 3 3
9.5 2800 3 3
7.64 2800 8 8 8 8
52.36 2800 8 8 8 8

\$ Automatically build input file of phgen from MGT file

NY

\$ BUILDING PROPERTIES

\$Weight	Mode
254414	0.0082
98883	0.0021
1744127	0.0166
1559501	0.0066
1514215	0.0005

\$ SITE SPECTRUM PARAMETER

\$S_s	S_1
0.8	0.675

\$ BRICK WALL PROPERTIES

\$Name	width	height	thick	f_mc	f_bc	P	Bond	Confinement
BW1	305	105	24	100	100	0	3	2
BW2	385	260	24	100	100	0	3	4
BW3	292	260	24	100	100	0	3	4
BW4	260	260	24	100	100	0	3	4

\$ COLUMN PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num_hoop	TR	EI		
BC045X45		210		2800	2800	5.93	3	12	4	0	0.7
BC145X90		210		2800	2800	5.93	3	12	4	0	0.7
BC245X45		210		2800	2800	5.93	3	12	4	0	0.7
BC330X45		210		2800	2800	5.93	3	12	4	0	0.7
BC445X45		210		2800	2800	5.93	3	12	4	0	0.7
1C730X45		210		2800	2800	6.2	3	12	3	0	0.7
1C845X45		210		2800	2800	6.2	3	12	4	0	0.7
1C945X45		210		2800	2800	6.2	3	12	4	0	0.7
1C1045X75		210		2800	2800	6.2	3	12	4	0	0.7
1C11a45X60		210		2800	2800	6.2	3	12	4	0	0.7
1C1140X60		210		2800	2800	6.2	3	12	4	0	0.7
1C1240X60		210		2800	2800	6.2	3	12	4	0	0.7
1C1360X30		210		2800	2800	6.2	3	12	3	0	0.7
1C1430X60		210		2800	2800	6.2	3	12	4	0	0.7

Element	section	direction	L	NY					
1C1530X60	210	2800	2800	6.2	3	12	4	0	0.7
1C1630X60	210	2800	2800	6.2	3	12	4	0	0.7
1P220X60	205	2800	2800	6.2	3	12	4	0	0.7
1C045X45	210	2800	2800	6.2	3	12	4	0	0.7
1C145X90	210	2800	2800	6.2	3	12	4	0	0.7
1C245X45	205	2800	2800	6.2	3	12	4	0	0.7
1C330X45	210	2800	2800	6.2	3	12	4	0	0.7
1C445X45	210	2800	2800	6.2	3	12	4	0	0.7
1C545X75	210	2800	2800	6.2	3	12	4	0	0.7
1C645X45	210	2800	2800	6.2	3	12	4	0	0.7
2C730X45	205	2800	2800	5.78	3	12	3	0	0.7
2C845X45	205	2800	2800	5.78	3	12	4	0	0.7
2C945X45	205	2800	2800	5.78	3	12	4	0	0.7
2C1045X75	205	2800	2800	5.78	3	12	4	0	0.7
2C11a45X70	205	2800	2800	5.78	3	12	4	0	0.7
2C1140X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1240X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1360X30	205	2800	2800	5.78	3	12	3	0	0.7
2C1430X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1530X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1630X60	205	2800	2800	5.78	3	12	4	0	0.7
2C145X90	205	2800	2800	5.78	3	12	4	0	0.7
2C245X45	205	2800	2800	5.78	3	12	4	0	0.7
2C330X45	205	2800	2800	5.78	3	12	4	0	0.7
2C445X45	205	2800	2800	5.78	3	12	4	0	0.7
2C545X75	205	2800	2800	5.78	3	12	4	0	0.7
3C945X45	210	2800	2800	4.6	3	12	4	0	0.7
3C1045X75	210	2800	2800	4.6	3	12	4	0	0.7
3C11a45X70	210	2800	2800	4.6	3	12	4	0	0.7
3C1140X60	210	2800	2800	4.6	3	12	4	0	0.7
3C1240X60	210	2800	2800	4.6	3	12	4	0	0.7

\$ COLUMN DATA
 9 BC245X45 y 305
 48 BC045X45 y 305
 49 BC330X45 y 305

NY

50	BC330X45	y	305
51	BC445X45	y	305
52	BC445X45	y	305
53	BC445X45	y	305
54	BC445X45	y	305
59	BC045X45	y	290
60	BC045X45	y	290
61	BC045X45	y	305
62	BC145X90	y	290
63	BC245X45	y	305
64	BC145X90	y	305
65	BC245X45	y	305
66	BC145X90	y	305
67	BC245X45	y	305
68	BC145X90	y	305
69	BC245X45	y	305
70	BC145X90	y	290
71	BC245X45	y	305
72	BC145X90	y	305
73	BC245X45	y	305
74	BC145X90	y	305
75	BC145X90	y	305
82	BC045X45	y	290
83	BC045X45	y	290
93	BC045X45	y	290
102	BC045X45	y	290
111	BC045X45	y	290
120	BC045X45	y	290
98	BC045X45	y	290
99	BC045X45	y	290
107	BC045X45	y	290
108	BC045X45	y	290
116	BC045X45	y	290
117	BC045X45	y	290
303	IC1360X30	y	240
304	IC1630X60	y	240
305	IC1530X60	y	240

NY

306	1C045X45	y	240
307	1C145X90	y	240
308	1C045X45	y	240
309	1C145X90	y	240
310	1C045X45	y	240
311	1C145X90	y	240
312	1C045X45	y	240
313	1C145X90	y	240
314	1C045X45	y	240
315	1C145X90	y	240
316	1C045X45	y	240
317	1C145X90	y	240
318	1C045X45	y	240
319	1C145X90	y	240
320	1C045X45	y	240
321	1C145X90	y	240
322	1C1430X60	y	240
323	1C1530X60	y	240
324	1C1430X60	y	240
325	1C330X45	y	240
326	1C330X45	y	240
327	1C445X45	y	240
328	1C445X45	y	240
329	1C445X45	y	240
330	1C445X45	y	240
331	1C445X45	y	240
332	1C445X45	y	240
333	1C445X45	y	240
334	1C445X45	y	240
335	1C1530X60	y	240
336	1C1630X60	y	240
337	1C1360X30	y	240
338	1C245X45	y	240
339	1C245X45	y	240
340	1C330X45	y	240
341	1C330X45	y	240
342	1C330X45	y	240

NY

343	IC545X75	y	240
344	IC645X45	y	240
345	IC545X75	y	240
346	IC645X45	y	240
347	IC545X75	y	240
348	IC645X45	y	240
349	IC545X75	y	240
350	IC645X45	y	240
351	IC545X75	y	240
352	IC645X45	y	240
353	IC545X75	y	240
354	IC645X45	y	240
355	IC545X75	y	240
356	IC645X45	y	240
357	IC545X75	y	240
358	IC945X45	y	240
359	IC945X45	y	240
360	IC1045X75	y	240
361	IC1045X75	y	240
362	IC245X45	y	240
363	IC730X45	y	240
364	IC730X45	y	240
365	IC730X45	y	240
366	IC845X45	y	240
367	IC1140X60	y	240
368	IC11445X60	y	240
369	IC1240X60	y	240
370	IC845X45	y	240
371	IC1240X60	y	240
372	IC1240X60	y	240
373	IC845X45	y	240
374	IC1240X60	y	240
375	IC845X45	y	240
376	IC1240X60	y	240
377	IC1240X60	y	240
378	IC845X45	y	240
379	IC1140X60	y	240

NY

380	1C11a45X60	y	240
381	1C1240X60	y	240
382	1C245X45	y	240
383	1C730X45	y	240
384	1C730X45	y	240
385	1C730X45	y	240
386	1C845X45	y	240
387	1C1045X75	y	240
388	1C1045X75	y	240
389	1C245X45	y	240
390	1C245X45	y	240
391	1C330X45	y	240
392	1C330X45	y	240
393	1C330X45	y	240
394	1C545X75	y	240
395	1C645X45	y	240
396	1C545X75	y	240
397	1C645X45	y	240
398	1C545X75	y	240
399	1C645X45	y	240
400	1C545X75	y	240
401	1C645X45	y	240
402	1C545X75	y	240
403	1C645X45	y	240
404	1C545X75	y	240
405	1C645X45	y	240
406	1C545X75	y	240
407	1C645X45	y	240
408	1C545X75	y	240
409	1C945X45	y	240
410	1C945X45	y	240
411	1C1360X30	y	240
412	1C1530X60	y	240
413	1C1630X60	y	240
414	1C330X45	y	240
415	1C330X45	y	240
416	1C445X45	y	240

NY

417	IC445X45	y	240
418	IC445X45	y	240
419	IC445X45	y	240
420	IC445X45	y	240
421	IC1430X60	y	240
422	IC1530X60	y	240
423	IC1430X60	y	240
424	IC045X45	y	240
425	IC145X90	y	240
426	IC045X45	y	240
427	IC145X90	y	240
428	IC045X45	y	240
429	IC145X90	y	240
430	IC045X45	y	240
431	IC145X90	y	240
432	IC045X45	y	240
433	IC145X90	y	240
434	IC045X45	y	240
435	IC145X90	y	240
436	IC045X45	y	240
437	IC145X90	y	240
438	IC045X45	y	240
439	IC145X90	y	240
440	IC1630X60	y	240
441	IC1530X60	y	240
442	IC1360X30	y	240
750	IC245X45	y	556
751	IC245X45	y	556
752	IC245X45	y	556
753	IP220X60	y	576
754	IC245X45	y	556
755	IC245X45	y	556
756	IP220X60	y	576
757	IC245X45	y	556
758	IC245X45	y	556
759	IP220X60	y	576
760	IC245X45	y	556

NY

761	1C245X45	y	556
762	1P220X60	y	576
763	1C245X45	y	556
790	2C1360X30	y	276
791	2C1630X60	y	276
792	2C1530X60	y	276
793	2C145X90	y	276
794	2C245X45	y	276
795	2C145X90	y	276
796	2C245X45	y	276
797	2C145X90	y	276
798	2C245X45	y	276
799	2C145X90	y	276
800	2C245X45	y	276
801	2C145X90	y	276
802	2C245X45	y	276
803	2C145X90	y	276
804	2C245X45	y	276
805	2C145X90	y	276
806	2C245X45	y	276
807	2C145X90	y	246
808	2C1430X60	y	276
809	2C1530X60	y	276
810	2C1430X60	y	276
811	2C330X45	y	336
812	2C330X45	y	336
813	2C1530X60	y	276
814	2C1630X60	y	276
815	2C1360X30	y	276
816	2C245X45	y	256
817	2C245X45	y	256
818	2C330X45	y	276
819	2C330X45	y	276
820	2C330X45	y	276
821	2C330X45	y	276
822	2C545X75	y	276
823	2C545X75	y	246

NY

824	2C945X45	y	276
825	2C945X45	y	276
826	2C1045X75	y	276
827	2C1045X75	y	276
828	2C245X45	y	256
829	2C730X45	y	276
830	2C730X45	y	276
831	2C330X45	y	276
832	2C845X45	y	276
833	2C1140X60	y	276
834	2C11a45X70	y	276
835	2C1240X60	y	276
836	2C845X45	y	276
837	2C1240X60	y	276
838	2C1240X60	y	276
839	2C845X45	y	276
840	2C1240X60	y	276
841	2C845X45	y	276
842	2C1240X60	y	276
843	2C1240X60	y	276
844	2C845X45	y	276
845	2C1140X60	y	276
846	2C11a45X70	y	276
847	2C1240X60	y	276
848	2C245X45	y	256
849	2C730X45	y	276
850	2C730X45	y	276
851	2C330X45	y	276
852	2C845X45	y	276
853	2C1045X75	y	276
854	2C1045X75	y	276
855	2C245X45	y	256
856	2C245X45	y	256
857	2C330X45	y	276
858	2C330X45	y	276
859	2C330X45	y	276
860	2C330X45	y	276

NY

861	2C545X75	y	276
862	2C545X75	y	246
863	2C945X45	y	276
864	2C945X45	y	276
865	2C1360X30	y	276
866	2C1530X60	y	276
867	2C1630X60	y	276
868	2C330X45	y	336
869	2C330X45	y	336
873	2C1430X60	y	276
874	2C1530X60	y	276
875	2C1430X60	y	276
876	2C145X90	y	276
877	2C245X45	y	276
878	2C145X90	y	276
879	2C245X45	y	276
880	2C145X90	y	276
881	2C245X45	y	276
882	2C145X90	y	276
883	2C245X45	y	276
884	2C145X90	y	276
885	2C245X45	y	276
886	2C145X90	y	276
887	2C245X45	y	276
888	2C145X90	y	276
889	2C245X45	y	276
890	2C145X90	y	246
891	2C1630X60	y	276
892	2C1530X60	y	276
893	2C1360X30	y	276
902	2C445X45	y	168
903	2C445X45	y	168
904	2C445X45	y	168
905	2C445X45	y	168
1083	3C945X45	y	240
1084	3C945X45	y	240
1085	3C1045X75	y	240

NY

1086	3C1045X75	y	240
1087	3C1140X60	y	240
1088	3C11a45X70	y	240
1089	3C1240X60	y	240
1090	2C1240X60	y	240
1091	3C1240X60	y	240
1092	3C1240X60	y	240
1093	3C1240X60	y	240
1094	3C1240X60	y	240
1095	3C1240X60	y	240
1096	3C1140X60	y	240
1097	3C11a45X70	y	240
1098	3C1240X60	y	240
1099	3C1045X75	y	240
1100	3C1045X75	y	240
1101	3C945X45	y	240
1102	3C945X45	y	240
1127	1C945X45	y	334
1128	1C945X45	y	334
1129	1C1045X75	y	304
1130	1C1045X75	y	334
1131	1C1140X60	y	304
1132	1C11a45X60	y	334
1133	3C1240X60	y	334
1134	3C1240X60	y	334
1135	3C1240X60	y	334
1136	3C1240X60	y	334
1137	3C1240X60	y	334
1138	3C1240X60	y	334
1139	1C1140X60	y	304
1140	1C11a45X60	y	334
1141	3C1240X60	y	334
1142	1C1045X75	y	304
1143	1C1045X75	y	334
1144	1C945X45	y	334
1145	1C945X45	y	334
1221	BC045X45	y	185

NY

1222 BC045X45 y 185
 1223 BC045X45 y 185
 1224 BC045X45 y 185
 1225 BC045X45 y 185
 1226 BC045X45 y 185

\$ BEAM PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num_hoop	TR	EI	
IG040X90	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG145x75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG245x75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG345x75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG445x75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG1a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG2a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG3a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG4a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG7a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG8a40X60	210	2800	2800	2800	3.9	3	12	2	0	0.7
IG935X75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG1040X60	210	2800	2800	2800	3.9	4	15	2	0	0.7
IG1240X60	210	2800	2800	2800	3.9	4	15	2	0	0.7
IG835X75	210	2800	2800	2800	3.9	3	15	2	0	0.7
IG740X60	210	2800	2800	2800	3.9	4	15	2	0	0.7
IG1140X60	210	2800	2800	2800	3.9	4	15	2	0	0.7
2G335X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G530X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G730X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G830X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G930X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G1030X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G1530X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G1630X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G2030X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G2130X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G2230X60	210	2800	2800	2800	4.88	3	15	2	0	0.7
2G2330X60	210	2800	2800	2800	4.88	3	15	2	0	0.7

2G2430X60	210	2800	2800	4.88	3	15	2	0	0.7
2G2530X60	210	2800	2800	4.88	3	15	2	0	0.7
2G2630X60	210	2800	2800	4.88	3	15	2	0	0.7
2G1140X60	210	2800	2800	4.88	3	15	2	0	0.7
2G1240X60	210	2800	2800	4.88	4	15	2	0	0.7
2G1340X60	210	2800	2800	4.88	4	15	2	0	0.7
2G1440X60	210	2800	2800	4.88	3	15	2	0	0.7
3G135X80	205	2800	2800	5.95	3	15	2	0	0.7
3G235X80	205	2800	2800	5.95	3	15	2	0	0.7
3G340X80	205	2800	2800	5.95	3	15	2	0	0.7
3G440X80	205	2800	2800	5.95	4	15	2	0	0.7
3G1140X80	205	2800	2800	5.95	3	15	2	0	0.7
3G1440X80	205	2800	2800	5.95	4	18	2	0	0.7
3G530X60	205	2800	2800	5.95	3	15	2	0	0.7
3G630X60	205	2800	2800	5.95	3	15	2	0	0.7
3G730X60	205	2800	2800	5.95	3	15	2	0	0.7
3G830X60	205	2800	2800	5.95	3	15	2	0	0.7
3G930X60	205	2800	2800	5.95	3	15	2	0	0.7
3G1030X60	205	2800	2800	5.95	3	15	2	0	0.7
3G1530X60	210	2800	2800	5.95	3	15	2	0	0.7
3G1630X60	210	2800	2800	5.95	3	15	2	0	0.7
3G1730X60	205	2800	2800	5.95	4	10	2	0	0.7
3G2030X60	205	2800	2800	5.95	3	15	2	0	0.7
3G2130X60	205	2800	2800	5.95	3	15	2	0	0.7
3G2230X60	205	2800	2800	5.95	3	15	2	0	0.7
3G2330X60	210	2800	2800	5.95	3	15	2	0	0.7
3G2430X60	210	2800	2800	5.95	3	15	2	0	0.7
3G2530X60	205	2800	2800	5.95	3	15	2	0	0.7
3G2630X60	205	2800	2800	5.95	3	15	2	0	0.7
3b0a20X60	205	2800	2800	5.95	3	15	2	0	0.7
3G6a20x60	205	2800	2800	5.95	3	15	2	0	0.7
3G7a20x60	205	2800	2800	5.95	3	15	2	0	0.7
3G11230X90	205	2800	2800	5.95	4	15	2	0	0.7
3G11330X90	205	2800	2800	5.95	4	15	2	0	0.7
RG2330X60	210	2800	2800	5.1	3	15	2	0	0.7
RG2430X60	210	2800	2800	5.1	3	15	2	0	0.7
RG2530X60	210	2800	2800	5.1	3	15	2	0	0.7

NY

RG2630X60 210 2800 2800 5.1 3 15 2 0 0.7 NY

\$ BEAM DATA

Element	section	L
152	IG040X90	385
174	IG1a40X60	330
175	IG3a40X60	330
176	IG7a40X60	307.5
177	IG740X60	307.5
178	IG3a40X60	307.5
179	IG3a40X60	307.5
180	IG1a40X60	375
185	IG1040X60	750
186	IG1040X60	660
187	IG1040X60	750
188	IG1040X60	660
189	IG1040X60	750
190	IG1040X60	660
191	IG1040X60	750
192	IG1240X60	750
193	IG1240X60	750
194	IG1240X60	682.5
196	IG2a40X60	330
197	IG4a40X60	330
198	IG8a40X60	307.5
199	IG740X60	307.5
200	IG4a40X60	307.5
201	IG4a40X60	307.5
202	IG2a40X60	375
223	IG245x75	305
224	IG445x75	305
225	IG835X75	282.5
226	IG1140X60	350
227	IG1140X60	350
228	IG1140X60	350
229	IG1140X60	350
230	IG1140X60	350

NY

231	IG1140X60	350
232	IG1140X60	350
233	IG835X75	282.5
234	IG835X75	282.5
250	IG245x75	305
251	IG445x75	305
252	IG835X75	305
253	IG835X75	305
254	IG835X75	305
262	IG245x75	305
263	IG445x75	305
264	IG835X75	305
265	IG835X75	305
266	IG835X75	305
274	IG145x75	305
275	IG445x75	305
276	IG835X75	305
277	IG835X75	305
278	IG835X75	305
286	IG145x75	305
287	IG345x75	305
288	IG935X75	305
289	IG935X75	305
290	IG935X75	305
462	2G2030X60	290
465	2G830X60	330
466	2G830X60	307.5
467	2G1240X60	307.5
468	2G1240X60	307.5
469	2G1240X60	307.5
470	2G1240X60	307.5
471	2G1240X60	307.5
472	2G1240X60	307.5
473	2G1240X60	307.5
480	2G2130X60	290
483	2G1440X60	705
492	2G730X60	330

NY

493	2G730X60	330
494	2G930X60	315
495	2G1340X60	315
496	2G1340X60	315
497	2G1340X60	315
498	2G1340X60	315
499	2G1340X60	315
500	2G1340X60	315
501	2G1340X60	315
503	2G2230X60	220
557	2G335X60	385
611	2G1030X60	362.5
665	2G2230X60	220
542	2G1530X60	261.3
543	2G2330X60	192.5
558	2G530X60	385
566	2G2430X60	247.5
574	2G1140X60	385
582	2G2630X60	246.5
561	2G1030X60	362.5
565	2G1630X60	247.5
576	2G2530X60	261
578	2G2630X60	254.1
579	2G1140X60	385
583	2G1140X60	385
585	2G2630X60	246.5
587	2G1140X60	385
589	2G2630X60	254.1
591	2G2530X60	261
592	2G1140X60	385
602	2G1630X60	247.5
603	2G2430X60	247.5
607	2G335X60	385
608	2G530X60	385
625	2G1530X60	276.3
626	2G2330X60	192.5
667	2G730X60	330

NY

668	2G730X60	330
669	2G930X60	315
670	2G1440X60	315
671	2G1440X60	315
672	2G1440X60	315
673	2G1340X60	315
678	2G1440X60	705
679	2G1440X60	667.5
680	2G1440X60	705
681	2G1440X60	667.5
682	2G1440X60	705
683	2G1440X60	667.5
684	2G1440X60	705
685	2G1440X60	705
686	2G1440X60	705
687	2G1440X60	705
688	2G2130X60	290
695	2G830X60	330
696	2G830X60	307.5
697	2G1440X60	307.5
698	2G1440X60	307.5
699	2G1440X60	307.5
700	2G1240X60	307.5
703	2G2030X60	290
772	3G1230X90	350.9
773	3G1440X80	350.9
774	3G1440X80	350.9
775	3G1440X80	350.9
776	3G1440X80	350.9
777	3G1440X80	350.9
778	3G1440X80	350.9
779	3G1230X90	350.9
780	3G1230X90	350.9
781	3G1440X80	350.9
782	3G1440X80	350.9
783	3G1440X80	350.9
784	3G1230X90	350.9

NY

870	3G1440X80	739.3
871	3G1440X80	739.3
872	3G1440X80	739.3
894	3G1330X90	343.4
895	3G1440X80	343.4
896	3G1440X80	343.4
897	3G1440X80	343.4
898	3G1440X80	343.4
899	3G1440X80	343.4
900	3G1440X80	343.4
901	3G1330X90	343.4
906	3G1330X90	343.4
907	3G1440X80	343.4
908	3G1440X80	343.4
909	3G1440X80	343.4
910	3G1330X90	343.4
930	3G2030X60	290
932	3G1330X90	127.5
934	3G830X60	307.5
938	3G1330X90	157.5
941	3G2130X60	290
946	3G7a20x60	330
947	3G730X60	330
948	3G930X60	315
949	3G1230X90	315
950	3G2230X60	220
960	3G1530X60	261.3
961	3G2430X60	192.5
962	3G135X80	385
963	3G340X80	385
964	3G530X60	385
965	3G6a20x60	385
966	3G630X60	385
967	3G1030X60	362.5
969	3G1630X60	247.5
970	3G2330X60	247.5
978	3G235X80	385

NY

979	3G440X80	385
980	3b0a20X60	370
981	3G1140X80	385
982	3G2530X60	261
986	3G2630X60	254.1
987	3G235X80	385
988	3G440X80	385
989	3b0a20X60	370
990	3G1140X80	385
994	3G2630X60	246.5
995	3G235X80	385
996	3G440X80	385
997	3b0a20X60	370
998	3G1140X80	385
999	3G1730X60	1755
1000	3G2630X60	246.5
1004	3G235X80	385
1005	3G440X80	385
1006	3b0a20X60	370
1007	3G1140X80	385
1008	3G2630X60	254.1
1012	3G2530X60	261
1013	3G235X80	385
1014	3G440X80	385
1015	3b0a20X60	370
1016	3G1140X80	385
1024	3G1630X60	247.5
1025	3G2330X60	247.5
1027	3G135X80	385
1028	3G340X80	385
1029	3G530X60	385
1030	3G6a20x60	385
1031	3G630X60	385
1032	3G1030X60	362.5
1033	3G1530X60	276.3
1034	3G2430X60	192.5
1044	3G2230X60	220

NY

1045	3G7a20x60	330
1046	3G730X60	330
1047	3G930X60	315
1048	3G1230X90	315
1053	3G2130X60	290
1056	3G1330X90	157.5
1060	3G830X60	307.5
1061	3G1330X90	127.5
1064	3G2030X60	290
1105	3G1530X60	261.3
1106	3G2430X60	192.5
1108	3G1630X60	247.5
1109	3G2330X60	247.5
1112	3G2530X60	261
1113	3G2630X60	254.1
1114	3G2630X60	246.5
1115	3G2630X60	246.5
1116	3G2630X60	254.1
1117	3G2530X60	261
1120	3G1630X60	247.5
1121	3G2330X60	247.5
1123	3G1530X60	276.3
1124	3G2430X60	192.5
1149	RG2330X60	192.5
1152	RG2430X60	247.5
1156	RG2530X60	261
1159	RG2630X60	254.1
1162	RG2630X60	246.5
1165	RG2630X60	246.5
1168	RG2630X60	254.1
1171	RG2530X60	261
1175	RG2430X60	247.5
1178	RG2330X60	192.5

\$ SECTION PROPERTIES
BC045X45x
45 45

NY

7.84 2800 6 6 6 6
17.6133 2800 6 6 6
27.3867 2800 6 6
37.16 2800 6 6 6 6

BC045X45y

45 45
7.84 2800 6 6 6 6
17.6133 2800 6 6
27.3867 2800 6 6
37.16 2800 6 6 6 6

BC145X90x

45 90
8.49 2800 8 10 10 10 10 10 8
15.495 2800 8 8
22.5 2800 8 8
29.505 2800 8 8
36.51 2800 8 10 10 10 10 8

BC145X90y

90 45
8.49 2800 8 8 8 8
20.66 2800 10 10
32.83 2800 10 10
45 2800 10 10
57.17 2800 10 10
69.34 2800 10 10
81.51 2800 8 8 8 8

BC245X45x

45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8 8

NY

BC245X45y

45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8 8

BC330X45x

30 45
8.15 2800 8 8 8 8
15 2800 8 8
21.85 2800 8 8 8 8

BC330X45y

45 30
8.15 2800 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8

BC445X45x

45 45
8.15 2800 8 8 8 8
22.5 2800 8 8
36.85 2800 8 8 8 8

BC445X45y

45 45
8.15 2800 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8

IC730X45x

30 45
8.42 2800 8 8 8
15 2800 8 8

NY

21.58 2800 8 8 8

1C730X45y

45 30

8.42 2800 8 8 8

22.5 2800 8 8 8

36.58 2800 8 8 8

1C845X45x

45 45

8.42 2800 8 8 8

17.8067 2800 8 8

27.1933 2800 8 8

36.58 2800 8 8 8

1C845X45y

45 45

8.42 2800 8 8 8

17.8067 2800 8 8

27.1933 2800 8 8

36.58 2800 8 8 8

1C945X45x

45 45

8.42 2800 8 8 8

22.5 2800 8 8 8

36.58 2800 8 8 8

1C945X45y

45 45

8.42 2800 8 8 8

17.8067 2800 8 8

27.1933 2800 8 8

36.58 2800 8 8 8

1C1045X75x

45 75

NY

8.42 2800 8 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8 8

IC1045X75y

75 45
8.42 2800 8 8 8
22.96 2800 8 8
37.5 2800 8 8
52.04 2800 8 8
66.58 2800 8 8 8

IC11a45X60x

45 60
8.76 2800 10 10 10 10 10
22.5 2800 8 8 8
36.24 2800 10 10 10 10 10

IC11a45X60y

60 45
8.76 2800 10 8 10
19.38 2800 10 10
30 2800 10 10
40.62 2800 10 10
51.24 2800 10 8 10

IC1140X60x

40 60
8.76 2800 10 10 10 10 10
20 2800 8 8
31.24 2800 10 10 10 10 10

IC1140X60y

60 40
8.76 2800 10 10 10
19.38 2800 10 10
30 2800 8 8

NY

40.62 2800 10 10 10
51.24 2800 10 10 10

IC1240X60x
40 60
8.42 2800 8 8 8 8
20 2800 8 8
31.58 2800 8 8 8 8

IC1240X60y
60 40
8.42 2800 8 8 8
22.8067 2800 8 8
37.1933 2800 8 8
51.58 2800 8 8 8

IC1360X30x
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1360X30y
30 60
8.11 2800 6 6 6 6
15 2800 6 6 6 6
21.89 2800 6 6 6 6

IC1430X60x
30 60
8.11 2800 6 6 6 6
15 2800 6 6 6 6
21.89 2800 6 6 6 6

IC1430X60y

NY

60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1530X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1530X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1630X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1630X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IP220X60x
20 60

NY

7.69 2800 6 6 6 6
12.31 2800 6 6 6 6

1P220X60y

60 20
7.69 2800 6 6
22.5633 2800 6 6
37.4367 2800 6 6
52.31 2800 6 6

1C045X45x

45 45
8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

1C045X45y

45 45
8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

1C145X90x

45 90
8.76 2800 8 10 10 10 10 8
15.63 2800 8 8
22.5 2800 8 8
29.37 2800 8 8
36.24 2800 8 10 10 10 10 8

1C145X90y

90 45
8.76 2800 8 8 8 8
20.84 2800 10 10
32.92 2800 10 10

NY

45 2800 10 10
57.08 2800 10 10
69.16 2800 10 10
81.24 2800 8 8 8 8

1C245X45x

45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

1C245X45y

45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

1C330X45x

30 45
8.42 2800 8 8 8 8
15 2800 8 8
21.58 2800 8 8 8 8

1C330X45y

45 30
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

1C445X45x

45 45
8.42 2800 8 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8 8

NY

1C445X45y

45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

1C545X75x

45 75
8.11 2800 6 6 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6 6 6

1C545X75y

75 45
8.11 2800 6 6 6 6
17.9067 2800 6 6
27.7033 2800 6 6
37.5 2800 6 6
47.2967 2800 6 6
57.0933 2800 6 6
66.89 2800 6 6 6 6

1C645X45x

45 45
8.42 2800 8 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8 8

1C645X45y

45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

NY

2C730X45x
30 45 8 8 8
8 2800 8 8 8
15 2800 8 8 8
22 2800 8 8 8

2C730X45y
45 30 8 8 8
8 2800 8 8 8
22.5 2800 8 8 8
37 2800 8 8 8

2C845X45x
45 45 8 8 8 8
8 2800 8 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8 8

2C845X45y
45 45 8 8 8 8
8 2800 8 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8 8

2C945X45x
45 45 8 8 8 8
8 2800 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8

2C945X45y
45 45 8 8 8 8
8 2800 8 8 8 8
17.6667 2800 8 8 8 8

NY

27.3333 2800 8 8
37 2800 8 8 8

2C1045X75x
45 75
8 2800 8 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8

2C1045X75y
75 45
8 2800 8 8 8
22.75 2800 8 8
37.5 2800 8 8
52.25 2800 8 8
67 2800 8 8 8

2C11a45X70x
45 70
8.34 2800 10 10 10 10 10
22.5 2800 8 8 10
36.66 2800 10 10 10 10 10

2C11a45X70y
70 45
8.34 2800 10 8 10
21.67 2800 10 10
35 2800 10 10
48.33 2800 10 10
61.66 2800 10 8 10

2C1140X60x
40 60
8.34 2800 10 10 10 10
20 2800 8 8
31.66 2800 10 10 10 10

NY

2C1140X60y
60 40
8.34 2800 10 8 10
19.17 2800 10 10
30 2800 10 10
40.83 2800 10 10
51.66 2800 10 8 10

2C1240X60x
40 60
8 2800 8 8 8
20 2800 8 8
32 2800 8 8 8

2C1240X60y
60 40
8 2800 8 8 8
22.6667 2800 8 8
37.3333 2800 8 8
52 2800 8 8 8

2C1360X30x
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1360X30y
30 60
7.69 2800 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6

2C1430X60x
30 60

NY

7.69 2800 6 6 6 6 6
15 2800 6 6 6 6 6
22.31 2800 6 6 6 6 6

2C1430X60y

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1530X60x

30 60
7.69 2800 6 6 6 6 6
15 2800 6 6 6 6 6
22.31 2800 6 6 6 6 6

2C1530X60y

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1630X60x

30 60
7.69 2800 6 6 6 6 6
15 2800 6 6 6 6 6
22.31 2800 6 6 6 6 6

2C1630X60y

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6

NY

41.155 2800 6 6 6
52.31 2800 6 6 6

2C145X90x

45 90
8.34 2800 10 10 10 10 10
15.42 2800 10 10
22.5 2800 10 10
29.58 2800 10 10
36.66 2800 10 10 10 10 10

2C145X90y

90 45
8.34 2800 10 10 10 10 10
20.56 2800 10 10
32.78 2800 10 10
45 2800 10 10
57.22 2800 10 10
69.44 2800 10 10
81.66 2800 10 10 10 10

2C245X45x

45 45
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C245X45y

45 45
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C330X45x

30 45

NY

8 2800 8 8 8 8
15 2800 8 8 8
22 2800 8 8 8 8

2C330X45Y
45 30 8 8 8
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C445X45X
45 45 8 8 8 8
8 2800 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8

2C445X45Y
45 45 8 8 8
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C545X75X
45 75 6 6 6 6 6
7.69 2800 6 6 6 6 6
17.5633 2800 6 6
27.4367 2800 6 6
37.31 2800 6 6 6 6 6

2C545X75Y
75 45 6 6 6 6
7.69 2800 6 6 6 6
17.6267 2800 6 6
27.5633 2800 6 6
37.5 2800 6 6

NY

47.4367 2800 6 6 6
57.3733 2800 6 6 6
67.31 2800 6 6 6 6

3C945X45x

45 45
6.82 2800 8 8 8 8
22.5 2800 8 8 8 8
38.18 2800 8 8 8 8

3C945X45y

45 45
6.82 2800 8 8 8
17.2733 2800 8 8
27.7267 2800 8 8
38.18 2800 8 8 8

3C1045X75x

45 75
6.82 2800 8 8 8 8
22.5 2800 8 8 8 8
38.18 2800 8 8 8 8

3C1045X75y

75 45
6.82 2800 8 8 8
22.16 2800 8 8
37.5 2800 8 8
52.84 2800 8 8
68.18 2800 8 8 8

3C11a45X70x

45 70
7.16 2800 10 10 10 10
22.5 2800 8 8 10 10
37.84 2800 10 10 10 10

NY

3C11a45X70y
70 45
7.16 2800 10 8 10
21.08 2800 10 10
35 2800 10 10
48.92 2800 10 10
62.84 2800 10 8 10

3C1140X60x
40 60
7.16 2800 10 10 10 10 10
20 2800 10 10
32.84 2800 10 10 10 10 10

3C1140X60y
60 40
7.16 2800 10 10 10
18.58 2800 10 10
30 2800 10 10
41.42 2800 10 10
52.84 2800 10 10 10

3C1240X60x
40 60
6.82 2800 8 8 8
20 2800 8 8
33.18 2800 8 8 8

3C1240X60y
60 40
6.82 2800 8 8
22.2733 2800 8 8
37.7267 2800 8 8
53.18 2800 8 8 8

1G040X90
15 107.5 90 40

NY

2.5 2800 3 3 3 3 3
6.44 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
83.56 2800 8 8 8 8 8

IG145x75
15 87.5 75 45
2.5 2800 3 3 3 3 3
6.44 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
68.56 2800 8 8 8 8 8

IG245x75
15 87.5 75 45
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
68.88 2800 8 8 8 8 8

IG345x75
15 87.5 75 45
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
68.88 2800 8 8 8 8 8

IG445x75
15 87.5 75 45
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
68.88 2800 8 8 8 8 8

IG1440X60
15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8

NY

12.5 2800 3 3 3 3
53.88 2800 8 8

1G2a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

1G3a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

1G4a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

1G7a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

1G8a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

NY

IG935X75
15 87.5 75 35 3 3 3
2.5 2800 3 3 8 8 8 3
6.12 2800 8 8 8 8 8 3
12.5 2800 3 3 3 3 3 3
68.88 2800 8 8 8 8 3

IG1040X60
15 187.5 60 40 3 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8 3
8.94 2800 8 8 8 8 8 8 8 3
12.5 2800 3 3 3 3 3 3 3 3
53.56 2800 8 8 8 8 3 3 3 3

IG1240X60
15 187.5 60 40 3 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8 3
12.5 2800 3 3 3 3 3 3 3 3
53.56 2800 8 8 8 8 3 3 3 3

IG835X75
15 87.5 75 35 3 3 3 3
2.5 2800 3 3 8 8 8 3
6.12 2800 8 8 8 8 8 3
12.5 2800 3 3 3 3 3 3
68.88 2800 8 8 8 8 3

IG740X60
15 93.75 60 40 3 3 3 3
2.5 2800 3 3 8 8 8 3
6.44 2800 8 8 8 8 8 3
12.5 2800 3 3 3 3 3 3
53.56 2800 8 8 8 8 3

NY

IG1140X60
15 87.5 60 40
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8
8.94 2800 8 8
12.5 2800 3 3 3 3
53.56 2800 8 8 8

2G335X60
15 107.5 60 35
2.5 2800 3 3 3 3 3 3
7.1 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3 3
52.9 2800 8 8 8

2G530X60
15 107.5 60 30
2.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.9 2800 8 8 8

2G730X60
15 93.75 60 30
2.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.9 2800 8 8 8

2G830X60
15 93.75 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G930X60

NY

15 93.75 60 30 3 3 3 3
2.5 2800 3 3 6 6 6 6
6.79 2800 6 6 3 3 3 3
12.5 2800 3 3 3 3 3 3
53.21 2800 6 6 6 6 6 6

2G1030X60

15 107.5 60 30 3 3 3 3 3
2.5 2800 3 3 6 6 6 6
6.79 2800 6 6 3 3 3 3
12.5 2800 3 3 3 3 3 3
53.21 2800 6 6 6 6 6 6

2G1530X60

15 85.95 60 30 3 3 3 3
2.5 2800 3 3 8 8 8 8
6.79 2800 8 8 3 3 3 3
12.5 2800 3 3 8 8 8 8
53.21 2800 8 8 8 8 8 8

2G1630X60

15 82.5 60 30 3 3 3 3
2.5 2800 3 3 8 8 8 8
6.79 2800 8 8 3 3 3 3
12.5 2800 3 3 8 8 8 8
53.21 2800 8 8 8 8 8 8

2G2030X60

15 83.75 60 30 3 3 3 3
2.5 2800 3 3 6 6 6 6
6.79 2800 6 6 3 3 3 3
12.5 2800 3 3 6 6 6 6
53.21 2800 6 6 6 6 6 6

2G2130X60

15 83.75 60 30 3 3 3 3
2.5 2800 3 3 6 6 6 6

NY

6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G2230X60

15 55 60 30
2.5 2800 3 3 3
6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3
53.21 2800 6 6 6

2G2330X60

15 65 60 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6 6

2G2430X60

15 82.5 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G2530X60

15 80.25 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G2630X60

15 76.625 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3

NY

53.21 2800 6 6 6

2G1140X60

15 107.5 60 40
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G1240X60

15 93.75 60 40
2.5 2800 3 3 3 3
7.42 2800 8 8 8 8 8
12.5 2800 3 3 3 3
52.58 2800 8 8

2G1340X60

15 93.75 60 40
2.5 2800 3 3 3 3
7.42 2800 8 8 8 8
12.5 2800 3 3 3
52.58 2800 8 8

2G1440X60

15 187.5 60 40
2.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8
12.5 2800 3 3 3 3
52.9 2800 8 8 8 8

3G135X80

15 107.5 80 35
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3
71.83 2800 8 8 8 8

NY

3G235X80
15 107.5 80 35
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
71.83 2800 8 8 8 8

3G340X80
15 107.5 80 40
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
71.83 2800 8 8 8

3G440X80
15 107.5 80 40
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
71.83 2800 8 8 8

3G1140X80
15 107.5 80 40
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
72.14 2800 6 6 6

3G1440X80
15 102.725 80 40
2.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
71.51 2800 8 8 8 8

3G530X60
15 107.5 60 30

NY

2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
51.83 2800 8 8 8 8 8

3G630X60

15 107.5 60 30
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
10.67 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
51.83 2800 8 8 8 8 8

3G730X60

15 93.75 60 30
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
10.67 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
51.83 2800 8 8 8 8 8

3G830X60

15 93.75 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G930X60

15 93.75 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G1030X60

15 107.5 60 30

NY

2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3 3
52.14 2800 6 6 6 6 6 6

3G1530X60
15 85.95 60 30
2.5 2800 3 3 3 3 3
7.86 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.14 2800 8 8 8 8 8

3G1630X60
15 82.5 60 30
2.5 2800 3 3 3 3 3
7.86 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.14 2800 8 8 8 8 8

3G1730X60
15 270 60 30
2.5 2800 3 3 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8 8
10.99 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3 3
51.51 2800 8 8 8 8 8 8 8 8

3G2030X60
15 83.75 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3 3
52.14 2800 6 6 6 6 6 6

3G2130X60
15 83.75 60 30
2.5 2800 3 3 3 3 3

NY

7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6

3G2230X60

15 55 60 30
2.5 2800 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3
52.14 2800 6 6 6

3G2330X60

15 82.5 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6

3G2430X60

15 65 60 30
2.5 2800 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.14 2800 6 6 6

3G2530X60

15 80.25 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.14 2800 6 6 6

3G2630X60

15 78.525 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3

52.14 2800 6 6 6

NY

3b0a20X60

15 107.5 60 20 3 3 3 3
 2.5 2800 3 3 3 3 3 3
 7.86 2800 6 6 6 6 6 6
 12.5 2800 3 3 3 3 3 3
 52.14 2800 6 6 6 6 6 6

3G6a20x60

15 107.5 60 20 3 3 3 3
 2.5 2800 3 3 3 3 3 3
 8.17 2800 8 8 8 8 8 8
 10.67 2800 8 8 8 8 8 8
 12.5 2800 3 3 3 3 3 3
 51.83 2800 8 8 8 8 8 8

3G7a20x60

15 93.75 60 20 3 3 3 3
 2.5 2800 3 3 3 3 3 3
 8.17 2800 8 8 8 8 8 8
 10.67 2800 8 8 8 8 8 8
 12.5 2800 3 3 3 3 3 3
 51.83 2800 8 8 8 8 8 8

3G1230X90

15 102.725 90 30 3 3 3 3
 2.5 2800 3 3 3 3 3 3
 8.49 2800 8 8 8 8 8 8
 12.5 2800 3 3 3 3 3 3
 81.51 2800 8 8 8 8 8 8

3G1330X90

15 102.725 90 30 3 3 3 3
 2.5 2800 3 3 3 3 3 3
 8.49 2800 8 8 8 8 8 8
 12.5 2800 3 3 3 3 3 3

81.51 2800 8 8 8

NY

RG2330X60

15 65 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2430X60

15 82.5 60 30
2.5 2800 3 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2530X60

15 80.25 60 30
2.5 2800 3 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2630X60

15 78.525 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

\$ Automatically build input file of phgen from MGT file

NXXX

\$ BUILDING PROPERTIES

\$Weight Mode
254414 0.0203
98883 0.008
1744127 0.0189
1559501 0.0091
1514215 0.0003

\$ SITE SPECTRUM PARAMETER

\$S_s S_1
0.8 0.675

\$ BRICK WALL PROPERTIES

\$Name	width	height	thick	f_mc	f_bc	P	Bond	Confinement
BW1	255	205	24	100	100	0	3	4
BW2	605	205	24	100	100	0	3	4
BW3	255	240	24	100	100	0	3	4
BW4	255	140	24	100	100	0	3	2

\$ COLUMN PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num_hoop	TR	EI		
BC045X45		210		2800	2800	5.93	3	12	4	0	0.7
BC145X90		210		2800	2800	5.93	3	12	4	0	0.7
BC245X45		210		2800	2800	5.93	3	12	4	0	0.7
BC330X45		210		2800	2800	5.93	3	12	4	0	0.7
BC445X45		210		2800	2800	5.93	3	12	4	0	0.7
IC730X45		210		2800	2800	6.2	3	12	3	0	0.7
IC845X45		210		2800	2800	6.2	3	12	4	0	0.7
IC945X45		210		2800	2800	6.2	3	12	4	0	0.7
IC1045X75		210		2800	2800	6.2	3	12	4	0	0.7
IC11a45X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1140X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1240X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1360X30		210		2800	2800	6.2	3	12	3	0	0.7
IC1430X60		210		2800	2800	6.2	3	12	4	0	0.7

Element	section	direction	L	XXX						
1C1530X60		210	2800	2800	6.2	3	12	4	0	0.7
1C1630X60		210	2800	2800	6.2	3	12	4	0	0.7
1P220X60		205	2800	2800	6.2	3	12	4	0	0.7
1C045X45		210	2800	2800	6.2	3	12	4	0	0.7
1C145X90		210	2800	2800	6.2	3	12	4	0	0.7
1C245X45		205	2800	2800	6.2	3	12	4	0	0.7
1C330X45		210	2800	2800	6.2	3	12	4	0	0.7
1C445X45		210	2800	2800	6.2	3	12	4	0	0.7
1C545X75		210	2800	2800	6.2	3	12	4	0	0.7
1C645X45		210	2800	2800	6.2	3	12	4	0	0.7
2C730X45		205	2800	2800	5.78	3	12	3	0	0.7
2C845X45		205	2800	2800	5.78	3	12	4	0	0.7
2C945X45		205	2800	2800	5.78	3	12	4	0	0.7
2C1045X75		205	2800	2800	5.78	3	12	4	0	0.7
2C11a45X70		205	2800	2800	5.78	3	12	4	0	0.7
2C1140X60		205	2800	2800	5.78	3	12	4	0	0.7
2C1240X60		205	2800	2800	5.78	3	12	4	0	0.7
2C1360X30		205	2800	2800	5.78	3	12	3	0	0.7
2C1430X60		205	2800	2800	5.78	3	12	4	0	0.7
2C1530X60		205	2800	2800	5.78	3	12	4	0	0.7
2C1630X60		205	2800	2800	5.78	3	12	4	0	0.7
2C145X90		205	2800	2800	5.78	3	12	4	0	0.7
2C245X45		205	2800	2800	5.78	3	12	4	0	0.7
2C330X45		205	2800	2800	5.78	3	12	4	0	0.7
2C445X45		205	2800	2800	5.78	3	12	4	0	0.7
2C545X75		205	2800	2800	5.78	3	12	4	0	0.7
3C945X45		210	2800	2800	4.6	3	12	4	0	0.7
3C1045X75		210	2800	2800	4.6	3	12	4	0	0.7
3C11a45X70		210	2800	2800	4.6	3	12	4	0	0.7
3C1140X60		210	2800	2800	4.6	3	12	4	0	0.7
3C1240X60		210	2800	2800	4.6	3	12	4	0	0.7

\$ COLUMN DATA
 \$element section direction L
 9 BC245X45 x 275
 48 BC045X45 x 275
 49 BC330X45 x 275

50	BC330X45	X	275
51	BC445X45	X	275
52	BC445X45	X	275
53	BC445X45	X	275
54	BC445X45	X	275
59	BC045X45	X	275
60	BC045X45	X	275
61	BC045X45	X	275
62	BC145X90	X	275
63	BC245X45	X	275
64	BC145X90	X	275
65	BC245X45	X	275
66	BC145X90	X	275
67	BC245X45	X	275
68	BC145X90	X	275
69	BC245X45	X	275
70	BC145X90	X	275
71	BC245X45	X	275
72	BC145X90	X	275
73	BC245X45	X	275
74	BC145X90	X	275
75	BC145X90	X	275
82	BC045X45	X	275
83	BC045X45	X	275
93	BC045X45	X	260
98	BC045X45	X	275
99	BC045X45	X	275
100	BC045X45	X	275
101	BC045X45	X	260
102	BC045X45	X	260
107	BC045X45	X	275
108	BC045X45	X	275
109	BC045X45	X	275
110	BC045X45	X	260
111	BC045X45	X	260
116	BC045X45	X	275
117	BC045X45	X	275

118	BC045X45	X	275
119	BC045X45	X	260
120	BC045X45	X	260
303	IC1360X30	X	240
304	IC1630X60	X	240
305	IC1530X60	X	240
306	IC045X45	X	240
307	IC145X90	X	240
308	IC045X45	X	240
309	IC145X90	X	240
310	IC045X45	X	240
311	IC145X90	X	240
312	IC045X45	X	240
313	IC145X90	X	240
314	IC045X45	X	240
315	IC145X90	X	240
316	IC045X45	X	240
317	IC145X90	X	240
318	IC045X45	X	240
319	IC145X90	X	240
320	IC045X45	X	240
321	IC145X90	X	240
322	IC1430X60	X	240
323	IC1530X60	X	240
324	IC1430X60	X	240
325	IC330X45	X	230
326	IC330X45	X	230
327	IC445X45	X	230
328	IC445X45	X	240
329	IC445X45	X	240
330	IC445X45	X	240
331	IC445X45	X	240
332	IC445X45	X	240
333	IC445X45	X	240
334	IC445X45	X	240
335	IC1530X60	X	240
336	IC1630X60	X	240

XXX

337	IC1360X30	x	240
338	IC245X45	x	220
339	IC245X45	x	220
340	IC330X45	x	240
341	IC330X45	x	240
342	IC330X45	x	240
343	IC545X75	x	240
344	IC645X45	x	240
345	IC545X75	x	240
346	IC645X45	x	240
347	IC545X75	x	240
348	IC645X45	x	240
349	IC545X75	x	240
350	IC645X45	x	240
351	IC545X75	x	240
352	IC645X45	x	240
353	IC545X75	x	240
354	IC645X45	x	240
355	IC545X75	x	240
356	IC645X45	x	240
357	IC545X75	x	240
358	IC945X45	x	240
359	IC945X45	x	240
360	IC1045X75	x	240
361	IC1045X75	x	240
362	IC245X45	x	240
363	IC730X45	x	240
364	IC730X45	x	240
365	IC730X45	x	240
366	IC845X45	x	240
367	IC1140X60	x	240
368	IC11a45X60	x	240
369	IC1240X60	x	240
370	IC845X45	x	240
371	IC1240X60	x	240
372	IC1240X60	x	240
373	IC845X45	x	240

374	IC1240X60	x	240
375	IC845X45	x	240
376	IC1240X60	x	240
377	IC1240X60	x	240
378	IC845X45	x	240
379	IC1140X60	x	240
380	IC11a45X60	x	240
381	IC1240X60	x	240
382	IC245X45	x	240
383	IC730X45	x	240
384	IC730X45	x	240
385	IC730X45	x	240
386	IC845X45	x	240
387	IC1045X75	x	240
388	IC1045X75	x	240
389	IC245X45	x	220
390	IC245X45	x	220
391	IC330X45	x	240
392	IC330X45	x	240
393	IC330X45	x	240
394	IC545X75	x	240
395	IC645X45	x	240
396	IC545X75	x	240
397	IC645X45	x	240
398	IC545X75	x	240
399	IC645X45	x	240
400	IC545X75	x	240
401	IC645X45	x	240
402	IC545X75	x	240
403	IC645X45	x	240
404	IC545X75	x	240
405	IC645X45	x	240
406	IC545X75	x	240
407	IC645X45	x	240
408	IC545X75	x	240
409	IC945X45	x	240
410	IC945X45	x	240

NXX

411	1C1360X30	X	240
412	1C1530X60	X	240
413	1C1630X60	X	240
414	1C330X45	X	230
415	1C330X45	X	230
416	1C445X45	X	230
417	1C445X45	X	240
418	1C445X45	X	240
419	1C445X45	X	240
420	1C445X45	X	240
421	1C1430X60	X	240
422	1C1530X60	X	240
423	1C1430X60	X	240
424	1C045X45	X	240
425	1C145X90	X	240
440	1C1630X60	X	240
441	1C1530X60	X	240
442	1C1360X30	X	240
750	1C245X45	X	556
751	1C245X45	X	556
752	1C245X45	X	556
753	1P220X60	X	556
754	1C245X45	X	556
755	1C245X45	X	556
756	1P220X60	X	556
757	1C245X45	X	556
758	1C245X45	X	556
759	1P220X60	X	556
760	1C245X45	X	556
761	1C245X45	X	556
762	1P220X60	X	556
763	1C245X45	X	556
790	2C1360X30	X	276
791	2C1630X60	X	276
792	2C1530X60	X	276
793	2C145X90	X	256
794	2C245X45	X	256

795	2C145X90	X	256
796	2C245X45	X	256
797	2C145X90	X	256
798	2C245X45	X	256
799	2C145X90	X	256
800	2C245X45	X	256
801	2C145X90	X	256
802	2C245X45	X	256
803	2C145X90	X	256
804	2C245X45	X	256
805	2C145X90	X	256
806	2C245X45	X	256
807	2C145X90	X	256
808	2C1430X60	X	191
809	2C1530X60	X	276
810	2C1430X60	X	276
811	2C330X45	X	276
812	2C330X45	X	276
813	2C1530X60	X	191
814	2C1630X60	X	276
815	2C1360X30	X	191
816	2C245X45	X	256
817	2C245X45	X	256
818	2C330X45	X	276
819	2C330X45	X	276
820	2C330X45	X	276
821	2C330X45	X	276
822	2C545X75	X	276
823	2C545X75	X	256
824	2C945X45	X	256
825	2C945X45	X	256
826	2C1045X75	X	256
827	2C1045X75	X	256
828	2C245X45	X	256
829	2C730X45	X	256
830	2C730X45	X	256
831	2C330X45	X	256

NXX

832	2C845X45	x	256
833	2C1140X60	x	256
834	2C11a45X70	x	256
835	2C1240X60	x	256
836	2C845X45	x	256
837	2C1240X60	x	256
838	2C1240X60	x	256
839	2C845X45	x	256
840	2C1240X60	x	256
841	2C845X45	x	256
842	2C1240X60	x	256
843	2C1240X60	x	256
844	2C845X45	x	256
845	2C1140X60	x	256
846	2C11a45X70	x	256
847	2C1240X60	x	256
848	2C245X45	x	256
849	2C730X45	x	256
850	2C730X45	x	256
851	2C330X45	x	256
852	2C845X45	x	256
853	2C1045X75	x	256
854	2C1045X75	x	256
855	2C245X45	x	256
856	2C245X45	x	256
857	2C330X45	x	276
858	2C330X45	x	276
859	2C330X45	x	276
860	2C330X45	x	276
861	2C545X75	x	276
862	2C545X75	x	256
863	2C945X45	x	256
864	2C945X45	x	256
865	2C1360X30	x	191
866	2C1530X60	x	191
867	2C1630X60	x	276
868	2C330X45	x	276

869	2C330X45	X	276
873	2C1430X60	X	191
874	2C1530X60	X	276
875	2C1430X60	X	276
876	2C145X90	X	256
877	2C245X45	X	256
878	2C145X90	X	256
879	2C245X45	X	256
880	2C145X90	X	256
881	2C245X45	X	256
882	2C145X90	X	256
883	2C245X45	X	256
884	2C145X90	X	256
885	2C245X45	X	256
886	2C145X90	X	256
887	2C245X45	X	256
888	2C145X90	X	256
889	2C245X45	X	256
890	2C145X90	X	256
891	2C1630X60	X	276
892	2C1530X60	X	276
893	2C1360X30	X	276
902	2C445X45	X	108
903	2C445X45	X	108
904	2C445X45	X	108
905	2C445X45	X	108
1083	3C945X45	X	240
1084	3C945X45	X	240
1085	3C1045X75	X	240
1086	3C1045X75	X	240
1087	3C1140X60	X	240
1088	3C1145X70	X	240
1089	3C1240X60	X	240
1090	2C1240X60	X	240
1091	3C1240X60	X	240
1092	3C1240X60	X	240
1093	3C1240X60	X	240

NXX

1094	3C1240X60	x	240
1095	3C1240X60	x	240
1096	3C1140X60	x	240
1097	3C11a45X70	x	240
1098	3C1240X60	x	240
1099	3C1045X75	x	240
1100	3C1045X75	x	240
1101	3C945X45	x	240
1102	3C945X45	x	240
1127	1C945X45	x	334
1128	1C945X45	x	334
1129	1C1045X75	x	334
1130	1C1045X75	x	334
1131	1C1140X60	x	334
1132	1C11a45X60	x	334
1133	3C1240X60	x	334
1134	3C1240X60	x	334
1135	3C1240X60	x	334
1136	3C1240X60	x	334
1137	3C1240X60	x	334
1138	3C1240X60	x	334
1139	1C1140X60	x	334
1140	1C11a45X60	x	334
1141	3C1240X60	x	334
1142	1C1045X75	x	334
1143	1C1045X75	x	334
1144	1C945X45	x	334
1145	1C945X45	x	334
1197	1C045X45	x	100
1198	1C145X90	x	100
1199	1C045X45	x	100
1200	1C145X90	x	100
1201	1C045X45	x	100
1202	1C145X90	x	100
1203	1C045X45	x	100
1204	1C145X90	x	100
1205	1C045X45	x	100

NXX

1206 1C145X90 x 100
1207 1C045X45 x 100
1208 1C145X90 x 100
1209 1C045X45 x 100
1250 1C145X90 x 100

\$ BEAM PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num_hoop	TR	EI
IB1140X90	210	2800	2800	2800	3.9	3	2	0	0.7
IB1240X90	210	2800	2800	2800	3.9	4	2	0	0.7
IB1340X90	210	2800	2800	2800	3.9	4	2	0	0.7
IB1440X90	210	2800	2800	2800	3.9	4	2	0	0.7
IB1540X90	210	2800	2800	2800	3.9	3	2	0	0.7
IB1740X90	210	2800	2800	2800	3.9	3	2	0	0.7
IB460X105	210	2800	2800	2800	3.9	4	2	0	0.7
IB960X105	210	2800	2800	2800	3.9	4	2	0	0.7
IB1035X75	210	2800	2800	2800	3.9	4	2	0	0.7
IB145X75	210	2800	2800	2800	3.9	4	2	0	0.7
IB245X75	210	2800	2800	2800	3.9	4	2	0	0.7
IB345X75	210	2800	2800	2800	3.9	4	2	0	0.7
IB140X60	210	2800	2800	2800	4.88	4	2	0	0.7
IB240X60	210	2800	2800	2800	4.88	4	2	0	0.7
IB1840X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1a40X60	210	2800	2800	2800	4.88	4	2	0	0.7
IB2a40X60	210	2800	2800	2800	4.88	4	2	0	0.7
IB530X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB630X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB930X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1230X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1330X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1430X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1530X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB2330X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB9a30X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB9b30X60	210	2800	2800	2800	4.88	3	2	0	0.7
IB1030X60	210	2800	2800	2800	4.88	4	2	0	0.7
IB730X70	210	2800	2800	2800	4.88	3	2	0	0.7

2B7a30X70	210	2800	2800	4.88	3	15	2	0	0.7
2B835X80	210	2800	2800	4.88	3	15	2	0	0.7
2B25a40X35	210	2800	2800	4.88	3	15	2	0	0.7
2B1140X60	210	2800	2800	4.88	4	15	2	0	0.7
2B320X60	210	2800	2800	4.88	3	20	2	0	0.7
3B840X80	205	2800	2800	5.95	3	15	2	0	0.7
3B140X80	205	2800	2800	5.95	4	15	2	0	0.7
3B240X80	205	2800	2800	5.95	4	15	2	0	0.7
3B9a30X60	205	2800	2800	5.95	4	15	2	0	0.7
3B930X60	205	2800	2800	5.95	3	20	2	0	0.7
3B1740X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1840X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1940X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2040X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2140X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2340X80	205	2800	2800	5.95	4	10	2	0	0.7
3B2440X80	205	2800	2800	5.95	4	10	2	0	0.7
3B1a40X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2a40X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1030X60	205	2800	2800	5.95	4	15	2	0	0.7
3B720x60	205	2800	2800	5.95	3	15	2	0	0.7
3B7a20x60	205	2800	2800	5.95	3	15	2	0	0.7
3B9b30X60	205	2800	2800	5.95	4	15	2	0	0.7
3B430X60	205	2800	2800	5.95	3	15	2	0	0.7
3B320X60	205	2800	2800	5.95	3	20	2	0	0.7
3B3a20X145	210	2800	2800	5.95	3	20	2	0	0.7
3B1230X60	205	2800	2800	5.95	3	15	2	0	0.7
3B1430X60	210	2800	2800	5.95	3	15	2	0	0.7
3B1530X60	210	2800	2800	5.95	3	15	2	0	0.7
3B1630X60	205	2800	2800	5.95	4	15	2	0	0.7
3B1330X60	210	2800	2800	5.95	3	15	2	0	0.7
3B530X60	205	2800	2800	5.95	3	15	2	0	0.7
3B630X60	205	2800	2800	5.95	3	15	2	0	0.7
RB030X90	210	2800	2800	5.1	4	10	2	0	0.7
RB1230X60	210	2800	2800	5.1	3	15	2	0	0.7
RB1330X60	210	2800	2800	5.1	3	15	2	0	0.7
RB1430X60	210	2800	2800	5.1	3	15	2	0	0.7

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\$ BEAM DATA									
Element	section	L	NXX						
RB1530X60	210	2800	2800	5.1	3	15	2	0	0.7
RB2230X60	210	2800	2800	5.1	4	10	2	0	0.7
RB1630X60	210	2800	2800	5.1	4	15	2	0	0.7
\$ BEAM DATA									
154	IB1740X90	255							
155	IB1740X90	450							
181	IB1740X90	255							
182	IB1740X90	612.5							
183	IB1740X90	370							
184	IB1740X90	262.5							
203	IB1140X90	255							
204	IB1240X90	605							
205	IB1340X90	355							
206	IB1440X90	255							
207	IB1540X90	255							
208	IB1540X90	255							
209	IB1540X90	255							
210	IB1540X90	255							
211	IB1540X90	255							
212	IB1540X90	255							
213	IB1540X90	255							
214	IB1540X90	255							
215	IB1540X90	255							
216	IB1540X90	255							
217	IB1540X90	255							
218	IB1540X90	255							
219	IB1540X90	255							
220	IB1540X90	255							
236	IB145X75	255							
237	IB245X75	605							
238	IB345X75	655							
247	IB960X105	1755							
248	IB1035X75	255							
256	IB145X75	255							
257	IB245X75	605							

XXX

258	IB345X75	655
259	IB460X105	1755
260	IB1035X75	255
268	IB145X75	255
269	IB245X75	605
270	IB345X75	655
271	IB460X105	1755
272	IB1035X75	255
280	IB145X75	255
281	IB245X75	605
282	IB345X75	655
283	IB460X105	1755
284	IB1035X75	255
443	IB320X60	224.1
444	IB320X60	224.1
445	IB320X60	40.98
446	IB25a40X35	255
447	IB140X60	255
448	IB140X60	255
449	IB240X60	255
450	IB240X60	255
451	IB240X60	255
452	IB240X60	255
453	IB240X60	255
454	IB240X60	255
455	IB240X60	255
456	IB240X60	255
457	IB240X60	255
458	IB240X60	255
459	IB140X60	255
460	IB140X60	255
461	IB1a40X60	478.5
463	IB320X60	224.1
701	IB320X60	183.1
939	IB3a20X145	224.1
1177	IB030X90	260
464	IB320X60	183.1

474	2B530X60	102.5
475	2B530X60	202.5
476	2B630X60	305
477	2B320X60	224.1
479	2B320X60	224.1
481	2B730X70	370
482	2B7a30X70	262.5
484	2B2330X60	555
485	2B2330X60	555
486	2B2330X60	555
487	2B2330X60	555
488	2B2330X60	555
489	2B2330X60	555
490	2B320X60	224.1
491	2B320X60	224.1
504	2B835X80	255
505	2B930X60	162.5
506	2B930X60	220
507	2B9a30X60	170
508	2B9b30X60	370
509	2B1030X60	262.5
510	2B1140X60	255
511	2B1140X60	255
512	2B1140X60	255
513	2B1140X60	255
514	2B1140X60	255
515	2B1140X60	255
516	2B1140X60	255
517	2B1140X60	255
518	2B1140X60	255
519	2B1140X60	255
520	2B1140X60	255
521	2B1140X60	255
522	2B1140X60	255
523	2B1140X60	255
524	2B1230X60	405
525	2B1330X60	67.5

XXX

526	2B1330X60	232.5
527	2B1330X60	50
563	2B1430X60	530
567	2B1840X60	162.5
572	2B1530X60	530
594	2B1530X60	530
596	2B1840X60	162.5
605	2B1430X60	530
641	2B835X80	255
642	2B930X60	162.5
643	2B930X60	220
644	2B9a30X60	170
645	2B9b30X60	370
646	2B1030X60	262.5
647	2B1140X60	255
648	2B1140X60	255
649	2B1140X60	255
650	2B1140X60	255
651	2B1140X60	255
652	2B1140X60	255
653	2B1140X60	255
654	2B1140X60	255
655	2B1140X60	255
656	2B1140X60	255
657	2B1140X60	255
658	2B1140X60	255
659	2B1140X60	255
660	2B1140X60	255
661	2B1230X60	405
662	2B1330X60	67.5
663	2B1330X60	232.5
664	2B1330X60	50
666	2B1330X60	322.5
674	2B320X60	224.1
675	2B320X60	224.1
676	2B730X70	370
677	2B7a30X70	262.5

NXX

689	2B320X60	224.1
691	2B320X60	224.1
692	2B530X60	102.5
693	2B530X60	202.5
694	2B630X60	305
702	2B320X60	224.1
704	2B25a40X35	255
705	2B1a40X60	255
706	2B1a40X60	255
707	2B2a40X60	255
708	2B2a40X60	255
709	2B2a40X60	255
710	2B2a40X60	255
711	2B2a40X60	255
712	2B2a40X60	255
713	2B2a40X60	255
714	2B2a40X60	255
715	2B2a40X60	255
716	2B2a40X60	255
717	2B1a40X60	255
718	2B1a40X60	255
719	2B1a40X60	478.5
720	2B320X60	40.98
721	2B320X60	224.1
722	2B320X60	224.1
912	3B320X60	224.1
913	3B320X60	224.1
914	3B320X60	40.98
915	3B140X80	255
916	3B240X80	255
917	3B240X80	255
918	3B240X80	255
919	3B240X80	255
920	3B240X80	255
921	3B240X80	255
922	3B240X80	255
923	3B240X80	255

924	3B240X80	255
925	3B240X80	255
926	3B240X80	255
927	3B240X80	255
928	3B140X80	255
929	3B430X60	478.5
931	3B320X60	224.1
933	3B320X60	183.1
935	3B430X60	400
936	3B530X60	305
937	3B630X60	305
940	3B320X60	224.1
942	3B720X60	370
943	3B7a20x60	262.5
944	3B3a20X145	224.1
945	3B320X60	224.1
951	3B840X80	255
952	3B930X60	162.5
953	3B930X60	220
954	3B9a30X60	170
955	3B9b30X60	370
956	3B1030X60	262.5
957	3B1230X60	405
958	3B1330X60	277.5
959	3B1330X60	27.5
968	3B1430X60	530
971	3B1740X80	255
972	3B1840X80	162.5
973	3B1940X80	420
974	3B2040X80	370
975	3B2140X80	262.5
976	3B1530X60	532.5
977	3B1630X60	107.5
983	3B2340X80	255
984	3B2440X80	167.5
985	3B2440X80	1117.5
991	3B2340X80	255

992	3B2440X80	167.5
993	3B2440X80	1117.5
1001	3B2340X80	255
1002	3B2440X80	167.5
1003	3B2440X80	1117.5
1009	3B2340X80	255
1010	3B2440X80	167.5
1011	3B2440X80	1117.5
1017	3B1530X60	532.5
1018	3B1630X60	107.5
1019	3B1740X80	255
1020	3B1840X80	162.5
1021	3B1940X80	420
1022	3B2040X80	370
1023	3B2140X80	262.5
1026	3B1430X60	530
1035	3B840X80	255
1036	3B930X60	162.5
1037	3B930X60	220
1038	3B9a30X60	170
1039	3B9b30X60	370
1040	3B1030X60	262.5
1041	3B1230X60	405
1042	3B1330X60	277.5
1043	3B1330X60	27.5
1049	3B3a20X145	224.1
1050	3B320X60	224.1
1051	3B720X60	370
1052	3B7a20X60	262.5
1054	3B3a20X145	224.1
1055	3B320X60	224.1
1057	3B430X60	400
1058	3B530X60	305
1059	3B630X60	305
1062	3B320X60	183.1
1063	3B320X60	224.1
1065	3B1a40X80	255

NXX

1066	3B1a40X80	255
1067	3B2a40X80	255
1068	3B2a40X80	255
1069	3B2a40X80	255
1070	3B2a40X80	255
1071	3B2a40X80	255
1072	3B2a40X80	255
1073	3B2a40X80	255
1074	3B2a40X80	255
1075	3B2a40X80	255
1076	3B2a40X80	255
1077	3B1a40X80	255
1078	3B1a40X80	255
1079	3B430X60	478.5
1080	3B320X60	40.98
1081	3B320X60	224.1
1082	3B320X60	224.1
1103	3B1330X60	255
1104	3B1330X60	50
1111	3B1630X60	107.5
1118	3B1530X60	532.5
1125	3B1330X60	255
1107	3B1430X60	530
1110	3B1530X60	532.5
1119	3B1630X60	107.5
1122	3B1430X60	530
1126	3B1330X60	50
1146	RB1230X60	225
1147	RB1330X60	305
1148	RB030X90	260
1150	RB1430X60	530
1160	RB2230X60	880
1170	RB030X90	305
1180	RB1330X60	305
1151	RB030X90	330
1157	RB2230X60	805
1163	RB2230X60	910

NXX

1169	RB2230X60	805
1153	RB1530X60	532.5
1154	RB1630X60	107.5
1155	RB030X90	305
1158	RB030X90	305
1161	RB030X90	305
1164	RB030X90	305
1167	RB030X90	305
1166	RB2230X60	880
1172	RB1530X60	532.5
1173	RB1630X60	107.5
1174	RB030X90	330
1176	RB1430X60	530
1179	RB1230X60	202.5

\$ SECTION PROPERTIES

BC045X45x

45	45									
7.84	2800	6	6	6	6					
17.6133	2800	6	6	6						
27.3867	2800	6	6	6						
37.16	2800	6	6	6	6	6				

BC045X45y

45	45									
7.84	2800	6	6	6	6					
17.6133	2800	6	6	6						
27.3867	2800	6	6	6						
37.16	2800	6	6	6	6	6				

BC145X90x

45	90									
8.49	2800	8	10	10	10	10	10	10	8	
15.495	2800	8	8							
22.5	2800	8	8							
29.505	2800	8	8							
36.51	2800	8	10	10	10	10	10	10	8	

NIXX

BC145X90y

90	45								
8.49	2800	8	8	8	8	8	8	8	8
20.66	2800	10	10	10					
32.83	2800	10	10	10					
45	2800	10	10						
57.17	2800	10	10	10					
69.34	2800	10	10	10					
81.51	2800	8	8	8	8	8	8	8	8

BC245X45x

45	45								
8.15	2800	8	8	8	8	8	8	8	8
17.7167	2800	8	8	8					
27.2833	2800	8	8	8					
36.85	2800	8	8	8	8	8	8	8	8

BC245X45y

45	45								
8.15	2800	8	8	8	8	8	8	8	8
17.7167	2800	8	8	8					
27.2833	2800	8	8	8					
36.85	2800	8	8	8	8	8	8	8	8

BC330X45x

30	45								
8.15	2800	8	8	8	8	8	8	8	8
15	2800	8	8	8					
21.85	2800	8	8	8	8	8	8	8	8

BC330X45y

45	30								
8.15	2800	8	8	8	8	8	8	8	8
17.7167	2800	8	8	8					
27.2833	2800	8	8	8					
36.85	2800	8	8	8	8	8	8	8	8

XXX

BC445X45x
45 45
8.15 2800 8 8 8 8
22.5 2800 8 8 8 8
36.85 2800 8 8 8 8

BC445X45y
45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8 8 8
27.2833 2800 8 8 8 8
36.85 2800 8 8 8 8

1C730X45x
30 45
8.42 2800 8 8 8 8
15 2800 8 8 8 8
21.58 2800 8 8 8 8

1C730X45y
45 30
8.42 2800 8 8 8 8
22.5 2800 8 8 8 8
36.58 2800 8 8 8 8

1C845X45x
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8 8 8
27.1933 2800 8 8 8 8
36.58 2800 8 8 8 8

1C845X45y
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8 8 8

XXX

27.1933 2800 8 8 8
36.58 2800 8 8 8 8

IC945X45x
45 45
8.42 2800 8 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8 8

IC945X45y
45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

IC1045X75x
45 75
8.42 2800 8 8 8 8 8
22.5 2800 8 8 8 8 8
36.58 2800 8 8 8 8 8

IC1045X75y
75 45
8.42 2800 8 8 8
22.96 2800 8 8
37.5 2800 8 8
52.04 2800 8 8
66.58 2800 8 8 8

IC11a45X60x
45 60
8.76 2800 10 10 10 10 10
22.5 2800 8 8
36.24 2800 10 10 10 10 10

IC11a45X60y

NXX

60 45
8.76 2800 10 8 10
19.38 2800 10 10
30 2800 10 10
40.62 2800 10 10
51.24 2800 10 8 10

IC1140X60x
40 60
8.76 2800 10 10 10 10 10
20 2800 8 8
31.24 2800 10 10 10 10 10

IC1140X60y
60 40
8.76 2800 10 10 10
19.38 2800 10 10
30 2800 8 8
40.62 2800 10 10
51.24 2800 10 10 10

IC1240X60x
40 60
8.42 2800 8 8 8 8
20 2800 8 8
31.58 2800 8 8 8 8

IC1240X60y
60 40
8.42 2800 8 8 8
22.8067 2800 8 8
37.1933 2800 8 8
51.58 2800 8 8 8

IC1360X30x
60 30
8.11 2800 6 6 6

XXX

19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1360X30y
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6

IC1430X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1430X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1530X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1530X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6

NXX

51.89 2800 6 6 6

IC1630X60x

30 60

8.11 2800 6 6 6 6 6

15 2800 6 6 6 6 6

21.89 2800 6 6 6 6 6

IC1630X60y

60 30

8.11 2800 6 6 6

19.055 2800 6 6

30 2800 6 6

40.945 2800 6 6

51.89 2800 6 6 6

IP220X60x

20 60

7.69 2800 6 6 6 6 6

12.31 2800 6 6 6 6 6

IP220X60y

60 20

7.69 2800 6 6

22.5633 2800 6 6

37.4367 2800 6 6

52.31 2800 6 6

IC045X45x

45 45

8.11 2800 6 6 6 6

17.7033 2800 6 6

27.2967 2800 6 6

36.89 2800 6 6 6 6

IC045X45y

45 45

NIXX

8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

IC145X90x

45 90
8.76 2800 8 10 10 10 10 10 8
15.63 2800 8 8
22.5 2800 8 8
29.37 2800 8 8
36.24 2800 8 10 10 10 10 10 8

IC145X90y

90 45
8.76 2800 8 8 8 8 8
20.84 2800 10 10 10
32.92 2800 10 10
45 2800 10 10
57.08 2800 10 10
69.16 2800 10 10
81.24 2800 8 8 8 8

IC245X45x

45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

IC245X45y

45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

INXX

IC330X45x
30 45
8.42 2800 8 8 8 8
15 2800 8 8
21.58 2800 8 8 8 8

IC330X45y
45 30
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

IC445X45x
45 45
8.42 2800 8 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8 8

IC445X45y
45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

IC545X75x
45 75
8.11 2800 6 6 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6 6 6

IC545X75y
75 45
8.11 2800 6 6 6 6
17.9067 2800 6 6 6

NXX

27.7033 2800 6 6 6
37.5 2800 6 6 6
47.2967 2800 6 6 6
57.0933 2800 6 6 6
66.89 2800 6 6 6 6

1C645X45x
45 45
8.42 2800 8 8 8 8
22.5 2800 8 8 8 8
36.58 2800 8 8 8 8

1C645X45y
45 45
8.42 2800 8 8 8
17.8067 2800 8 8 8
27.1933 2800 8 8 8
36.58 2800 8 8 8 8

2C730X45x
30 45
8 2800 8 8 8
15 2800 8 8 8
22 2800 8 8 8

2C730X45y
45 30
8 2800 8 8 8
22.5 2800 8 8 8
37 2800 8 8 8

2C845X45x
45 45
8 2800 8 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8 8

NXX

2C845X45y
45 45
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C945X45x
45 45
8 2800 8 8 8 8
22.5 2800 8 8
37 2800 8 8 8 8

2C945X45y
45 45
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C1045X75x
45 75
8 2800 8 8 8 8
22.5 2800 8 8
37 2800 8 8 8 8

2C1045X75y
75 45
8 2800 8 8 8
22.75 2800 8 8
37.5 2800 8 8
52.25 2800 8 8
67 2800 8 8 8

2C11a45X70x
45 70

XXX

8.34 2800 10 10 10 10 10
22.5 2800 8 8
36.66 2800 10 10 10 10 10

2C11a45X70y

70 45

8.34 2800 10 8 10
21.67 2800 10 10
35 2800 10 10
48.33 2800 10 10
61.66 2800 10 8 10

2C1140X60x

40 60

8.34 2800 10 10 10 10 10
20 2800 8 8
31.66 2800 10 10 10 10 10

2C1140X60y

60 40

8.34 2800 10 8 10
19.17 2800 10 10
30 2800 10 10
40.83 2800 10 10
51.66 2800 10 8 10

2C1240X60x

40 60

8 2800 8 8 8
20 2800 8 8 8
32 2800 8 8 8

2C1240X60y

60 40

8 2800 8 8 8
22.6667 2800 8 8
37.3333 2800 8 8

52 2800 8 8 8

NXX

2C1360X30x

60 30
7.69 2800 6 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1360X30y

30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1430X60x

30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1430X60y

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1530X60x

30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1530X60y

XXX

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1630X60x
30 60
7.69 2800 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6

2C1630X60y
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C145X90x
45 90
8.34 2800 10 10 10 10 10
15.42 2800 10 10
22.5 2800 10 10
29.58 2800 10 10
36.66 2800 10 10 10 10 10

2C145X90y
90 45
8.34 2800 10 10 10 10
20.56 2800 10 10
32.78 2800 10 10
45 2800 10 10
57.22 2800 10 10
69.44 2800 10 10

81.66 2800 10 10 10 10 10

XXX

2C245X45x
45 45
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C245X45y
45 45
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C330X45x
30 45
8 2800 8 8 8 8
15 2800 8 8 8 8
22 2800 8 8 8 8

2C330X45y
45 30
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C445X45x
45 45
8 2800 8 8 8 8
22.5 2800 8 8
37 2800 8 8 8 8

2C445X45y
45 45

INXX

8 2800 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8

2C545X75x
45 75
7.69 2800 6 6 6 6 6 6
17.5633 2800 6 6 6
27.4367 2800 6 6
37.31 2800 6 6 6 6 6 6

2C545X75y
75 45
7.69 2800 6 6 6 6
17.6267 2800 6 6
27.5633 2800 6 6
37.5 2800 6 6
47.4367 2800 6 6
57.3733 2800 6 6
67.31 2800 6 6 6 6

3C945X45x
45 45
6.82 2800 8 8 8 8
22.5 2800 8 8
38.18 2800 8 8 8 8

3C945X45y
45 45
6.82 2800 8 8 8
17.2733 2800 8 8
27.7267 2800 8 8
38.18 2800 8 8 8

3C1045X75x
45 75

NXX

6.82 2800 8 8 8 8 8
22.5 2800 8 8
38.18 2800 8 8 8 8 8

3C11045X75y

75 45
6.82 2800 8 8 8
22.16 2800 8 8
37.5 2800 8 8
52.84 2800 8 8
68.18 2800 8 8 8

3C11a45X70x

45 70
7.16 2800 10 10 10 10 10 10
22.5 2800 8 8
37.84 2800 10 10 10 10 10 10

3C11a45X70y

70 45
7.16 2800 10 8 10
21.08 2800 10 10
35 2800 10 10
48.92 2800 10 10
62.84 2800 10 8 10

3C1140X60x

40 60
7.16 2800 10 10 10 10 10 10
20 2800 10 10
32.84 2800 10 10 10 10 10

3C1140X60y

60 40
7.16 2800 10 10 10
18.58 2800 10 10
30 2800 10 10

NXX

41.42 2800 10 10 10
52.84 2800 10 10 10

3C1240X60x
40 60
6.82 2800 8 8 8 8
20 2800 8 8 8 8
33.18 2800 8 8 8 8

3C1240X60y
60 40
6.82 2800 8 8 8
22.2733 2800 8 8
37.7267 2800 8 8
53.18 2800 8 8 8

1B1140X90
15 75 90 40
2.5 2800 3 3 3 3
6.12 2800 8 8 8 8
9.5 2800 3 3 3 3
83.88 2800 8 8 8

1B1240X90
15 162.5 90 40
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8
9.5 2800 3 3 3 3
83.56 2800 8 8 8 3 3 3

1B1340X90
15 100 90 40
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8
9.5 2800 3 3 3 3
83.56 2800 8 8 8 3 3 8

INXX

1B1440X90
15 75 90 40
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8
9.5 2800 3 3 3 3
83.56 2800 8 8 8 8

1B1540X90
15 75 90 40
2.5 2800 3 3 3 3
6.12 2800 8 8 8 8
9.5 2800 3 3 3 3
83.88 2800 8 8 8 8

1B1740X90
15 75 90 40
2.5 2800 3 3 3 3
6.12 2800 8 8 8 8
9.5 2800 3 3 3 3
83.88 2800 8 8 8 8

1B460X105
15 252 105 60
2.5 2800 3 3 3 3
6.77 2800 10 10 10 10
9.27 2800 10 10 10 10
9.5 2800 3 3 3 3
98.23 2800 10 10 10 10

1B960X105
15 252 105 60
2.5 2800 3 3 3 3
6.77 2800 10 10 10 10
9.27 2800 10 10 10 10
9.5 2800 3 3 3 3
98.23 2800 10 10 10 10

NXX

IB1035X75
15 75 75 35
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
8.94 2800 8 8 8 8
9.5 2800 3 3 3 3
68.56 2800 8 8 8 8 8

IB145X75
15 75 75 45
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3
68.56 2800 8 8 8 8

IB245X75
15 162.5 75 45
2.5 2800 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3 3 3 3
68.56 2800 8 8 8 8 8 8 8

IB345X75
15 175 75 45
2.5 2800 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3 3 3 3
68.56 2800 8 8 8 8 8 8 8

2B140X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8 8 8

2B240X60

NXX

15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
51.51 2800 8 8 8 8

2B1840X60
15 50 60 40
2.5 2800 3 3 3
6.79 2800 6 6 6
9.5 2800 3 3 3
53.21 2800 6 6 6 6

2B1a40X60
15 125.25 60 40
2.5 2800 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8 8 8

2B2a40X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
51.51 2800 8 8 8 8

2B530X60
15 25.625 60 30
2.5 2800 3 3
6.79 2800 6 6 6 6
9.5 2800 3 3
53.21 2800 6 6 6

2B630X60
15 83.75 60 30
2.5 2800 3 3 3 3

NXX

6.79 2800 6 6 6 6 6
9.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6 3

2B930X60

15 50 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
7.1 2800 8 8 8 8
52.9 2800 8 8 8 8

2B1230X60

15 112.5 60 30
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8
52.9 2800 8 8 8 8

2B1330X60

15 16.875 60 30
2.5 2800 3
9.5 2800 3
7.1 2800 8 8 8 8
52.9 2800 8 8 8 8

2B1430X60

15 143.75 60 30
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8
52.9 2800 8 8 8 8

2B1530X60

15 143.75 60 30
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8

NXX

52.9 2800 8 8 8

2B2330X60

15 150 60 30 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.42 2800 8 8 8 8 8 8
52.58 2800 8 8 8 8

2B9a30X60

15 50 60 30 3 3 3 8
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.1 2800 8 8 8 8
52.9 2800 8 8 8 8

2B9b30X60

15 100 60 30 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.1 2800 8 8 8 8 8 8
52.9 2800 8 8 8 8

2B1030X60

15 75 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
7.42 2800 8 8 8 8 8 8
52.58 2800 8 8 8 8

2B730X70

15 100 70 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3
6.79 2800 6 6 6 6 6 6
9.29 2800 6 6 6 6 6 6
9.5 2800 3 3 3 3 3 3
63.21 2800 6 6 6 6 6 6

XXX

2B7a30X70
15 75 70 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
9.29 2800 6 6
9.5 2800 3 3 3 3
63.21 2800 6 6 6 6

2B835X80
15 75 80 35
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.1 2800 8 8 8 8
72.9 2800 8 8 8 8

2B25a40X35
15 75 35 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.1 2800 8 8 8 8
27.9 2800 8 8 8 8

2B1140X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.42 2800 8 8 8 8
52.58 2800 8 8 8 8

2B320X60
15 63.525 60 20
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
9.5 2800 3 3 3 3
53.21 2800 6 6 6 6

XXX

3B840X80
15 75 80 40 3 3 3 3
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.17 2800 8 8 8 8
71.83 2800 8 8 8 8

3B140X80
15 75 80 40 3 3 3 3
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B240X80
15 75 80 40 3 3 3 3
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B9a30X60
15 50 60 30 3 3 3
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8
51.51 2800 8 8 8

3B930X60
15 50 60 30 3 3 3
2.5 2800 3 3 3
9.5 2800 3 3 3
8.17 2800 8 8 8
51.83 2800 8 8 8

3B1740X80
15 75 80 40

XXX

2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B1840X80
15 50 80 40
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8 8
71.51 2800 8 8 8 8

3B1940X80
15 112.5 80 40
2.5 2800 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B2040X80
15 100 80 40
2.5 2800 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B2140X80
15 75 80 40
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B2340X80
15 75 80 40
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3

XXX

8.49 2800 8 8 8 8 8 8
10.99 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B2440X80

15 50 80 40
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8 8 8 8
10.99 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B1a40X80

15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B2a40X80

15 75 80 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
71.51 2800 8 8 8 8 8 8

3B1030X60

15 75 60 30
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8
51.51 2800 8 8 8 8

3B720x60

15 100 60 20
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3

NIXX

7.86 2800 6 6 6
10.36 2800 6 6 6
52.14 2800 6 6 6

3B7a20X60
15 75 60 20
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
10.36 2800 6 6 6
52.14 2800 6 6 6

3B9b30X60
15 100 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
8.49 2800 8 8 8
51.51 2800 8 8 8

3B430X60
15 125.25 60 30
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
52.14 2800 6 6 6

3B320X60
15 63.525 60 20
2.5 2800 3 3 3
9.5 2800 3 3 3
7.86 2800 6 6 6
52.14 2800 6 6 6

3B3a20X145
15 63.525 145 20
2.5 2800 3 3 3
9.5 2800 3 3 3

7.86 2800 6 6 6
137.14 2800 6 6 6

NXX

3BI230X60
15 112.5 60 30
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6

3BI430X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
51.83 2800 8 8 8

3BI530X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
51.83 2800 8 8 8

3BI630X60
15 37.5 60 30
2.5 2800 3 3
9.5 2800 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8

3BI330X60
15 75 60 30
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

XXX

3B530X60
15 83.75 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

3B630X60
15 83.75 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
52.14 2800 6 6 6 6 6

RB030X90
15 65 90 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.64 2800 8 8 8 8 8
10.14 2800 8 8 8 8 8
82.36 2800 8 8 8 8 8

RB1230X60
15 56.25 60 30 3 3 3
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
52.99 2800 6 6 6 6 6

RB1330X60
15 87.5 60 30 3 3 3 3
2.5 2800 3 3 3 3 3
9.5 2800 3 3 3 3 3
7.01 2800 6 6 6 6 6
52.99 2800 6 6 6 6 6

XXX

RB1430X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
7.32 2800 8 8 8 8
52.68 2800 8 8

RB1530X60
15 143.75 60 30
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3
7.32 2800 8 8 8 8
52.68 2800 8 8

RB2230X60
15 222 60 30
2.5 2800 3 3 3 3 3 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3 3 3 3
7.64 2800 8 8 8 8 8 8 8 8
52.36 2800 8 8 8 8 8 8

RB1630X60
15 37.5 60 30
2.5 2800 3 3 3
9.5 2800 3 3
7.64 2800 8 8 8 8
52.36 2800 8 8 8 8

\$ Automatically build input file of phgen from MGT file

NYT

\$ BUILDING PROPERTIES

\$Weight Mode
254414 0.0082
98883 0.0021
1744127 0.0166
1559501 0.0066
1514215 0.0005

\$ SITE SPECTRUM PARAMETER

\$S_s S_1
0.8 0.675

\$ BRICK WALL PROPERTIES

\$Name	width	height	thick	f_mc	f_bc	P	Bond	Confinement
BW1	305	105	24	100	100	0	3	2
BW2	385	260	24	100	100	0	3	4
BW3	292	260	24	100	100	0	3	4
BW4	260	260	24	100	100	0	3	4

\$ COLUMN PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num_hoop	TR	EI		
BC045X45		210		2800	2800	5.93	3	12	4	0	0.7
BC145X90		210		2800	2800	5.93	3	12	4	0	0.7
BC245X45		210		2800	2800	5.93	3	12	4	0	0.7
BC330X45		210		2800	2800	5.93	3	12	4	0	0.7
BC445X45		210		2800	2800	5.93	3	12	4	0	0.7
IC730X45		210		2800	2800	6.2	3	12	3	0	0.7
IC845X45		210		2800	2800	6.2	3	12	4	0	0.7
IC945X45		210		2800	2800	6.2	3	12	4	0	0.7
IC1045X75		210		2800	2800	6.2	3	12	4	0	0.7
IC11a45X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1140X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1240X60		210		2800	2800	6.2	3	12	4	0	0.7
IC1360X30		210		2800	2800	6.2	3	12	3	0	0.7
IC1430X60		210		2800	2800	6.2	3	12	4	0	0.7

Element	section	direction	L	NY	NY	NY	NY	NY	NY	NY
1C1530X60	210	2800	2800	6.2	3	12	4	0	0.7	
1C1630X60	210	2800	2800	6.2	3	12	4	0	0.7	
1P220X60	205	2800	2800	6.2	3	12	4	0	0.7	
1C045X45	210	2800	2800	6.2	3	12	4	0	0.7	
1C145X90	210	2800	2800	6.2	3	12	4	0	0.7	
1C245X45	205	2800	2800	6.2	3	12	4	0	0.7	
1C330X45	210	2800	2800	6.2	3	12	4	0	0.7	
1C445X45	210	2800	2800	6.2	3	12	4	0	0.7	
1C545X75	210	2800	2800	6.2	3	12	4	0	0.7	
1C645X45	210	2800	2800	6.2	3	12	4	0	0.7	
2C730X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C845X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C945X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C1045X75	205	2800	2800	5.78	3	12	4	0	0.7	
2C11a45X70	205	2800	2800	5.78	3	12	4	0	0.7	
2C1140X60	205	2800	2800	5.78	3	12	4	0	0.7	
2C1240X60	205	2800	2800	5.78	3	12	4	0	0.7	
2C1360X30	205	2800	2800	5.78	3	12	3	0	0.7	
2C1430X60	205	2800	2800	5.78	3	12	4	0	0.7	
2C1530X60	205	2800	2800	5.78	3	12	4	0	0.7	
2C1630X60	205	2800	2800	5.78	3	12	4	0	0.7	
2C145X90	205	2800	2800	5.78	3	12	4	0	0.7	
2C245X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C330X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C445X45	205	2800	2800	5.78	3	12	4	0	0.7	
2C545X75	205	2800	2800	5.78	3	12	4	0	0.7	
3C945X45	210	2800	2800	4.6	3	12	4	0	0.7	
3C1045X75	210	2800	2800	4.6	3	12	4	0	0.7	
3C11a45X70	210	2800	2800	4.6	3	12	4	0	0.7	
3C1140X60	210	2800	2800	4.6	3	12	4	0	0.7	
3C1240X60	210	2800	2800	4.6	3	12	4	0	0.7	

\$ COLUMN DATA
 \$element section direction L
 9 BC245X45 y 305
 48 BC045X45 y 305
 49 BC330X45 y 305

NTY

50	BC330X45	y	305
51	BC445X45	y	305
52	BC445X45	y	305
53	BC445X45	y	305
54	BC445X45	y	305
59	BC045X45	y	290
60	BC045X45	y	290
61	BC045X45	y	305
62	BC145X90	y	290
63	BC245X45	y	305
64	BC145X90	y	305
65	BC245X45	y	305
66	BC145X90	y	305
67	BC245X45	y	305
68	BC145X90	y	305
69	BC245X45	y	305
70	BC145X90	y	290
71	BC245X45	y	305
72	BC145X90	y	305
73	BC245X45	y	305
74	BC145X90	y	305
75	BC145X90	y	305
82	BC045X45	y	290
83	BC045X45	y	290
84	BC045X45	y	290
92	BC045X45	y	290
93	BC045X45	y	290
102	BC045X45	y	290
111	BC045X45	y	290
120	BC045X45	y	290
98	BC045X45	y	290
99	BC045X45	y	290
107	BC045X45	y	290
108	BC045X45	y	290
116	BC045X45	y	290
117	BC045X45	y	290
303	IC1360X30	y	240

NY

304	IC1630X60	y	240
305	IC1530X60	y	240
306	IC045X45	y	240
307	IC145X90	y	240
308	IC045X45	y	240
309	IC145X90	y	240
310	IC045X45	y	240
311	IC145X90	y	240
312	IC045X45	y	240
313	IC145X90	y	240
314	IC045X45	y	240
315	IC145X90	y	240
316	IC045X45	y	240
317	IC145X90	y	240
318	IC045X45	y	240
319	IC145X90	y	240
320	IC045X45	y	240
321	IC145X90	y	240
322	IC1430X60	y	240
323	IC1530X60	y	240
324	IC1430X60	y	240
325	IC330X45	y	240
326	IC330X45	y	240
327	IC445X45	y	240
328	IC445X45	y	240
329	IC445X45	y	240
330	IC445X45	y	240
331	IC445X45	y	240
332	IC445X45	y	240
333	IC445X45	y	240
334	IC445X45	y	240
335	IC1530X60	y	240
336	IC1630X60	y	240
337	IC1360X30	y	240
338	IC245X45	y	240
339	IC245X45	y	240
340	IC330X45	y	240

NYT

341	IC330X45	y	240
342	IC330X45	y	240
343	IC545X75	y	240
344	IC645X45	y	240
345	IC545X75	y	240
346	IC645X45	y	240
347	IC545X75	y	240
348	IC645X45	y	240
349	IC545X75	y	240
350	IC645X45	y	240
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354	IC645X45	y	240
355	IC545X75	y	240
356	IC645X45	y	240
357	IC545X75	y	240
358	IC945X45	y	240
359	IC945X45	y	240
360	IC1045X75	y	240
361	IC1045X75	y	240
362	IC245X45	y	240
363	IC730X45	y	240
364	IC730X45	y	240
365	IC730X45	y	240
366	IC845X45	y	240
367	IC1140X60	y	240
368	IC11a45X60	y	240
369	IC1240X60	y	240
370	IC845X45	y	240
371	IC1240X60	y	240
372	IC1240X60	y	240
373	IC845X45	y	240
374	IC1240X60	y	240
375	IC845X45	y	240
376	IC1240X60	y	240
377	IC1240X60	y	240

NY

378	IC845X45	y	240
379	IC1140X60	y	240
380	IC11a45X60	y	240
381	IC1240X60	y	240
382	IC245X45	y	240
383	IC730X45	y	240
384	IC730X45	y	240
385	IC730X45	y	240
386	IC845X45	y	240
387	IC1045X75	y	240
388	IC1045X75	y	240
389	IC245X45	y	240
390	IC245X45	y	240
391	IC330X45	y	240
392	IC330X45	y	240
393	IC330X45	y	240
394	IC545X75	y	240
395	IC645X45	y	240
396	IC545X75	y	240
397	IC645X45	y	240
398	IC545X75	y	240
399	IC645X45	y	240
400	IC545X75	y	240
401	IC645X45	y	240
402	IC545X75	y	240
403	IC645X45	y	240
404	IC545X75	y	240
405	IC645X45	y	240
406	IC545X75	y	240
407	IC645X45	y	240
408	IC545X75	y	240
409	IC945X45	y	240
410	IC945X45	y	240
411	IC1360X30	y	240
412	IC1530X60	y	240
413	IC1630X60	y	240
414	IC330X45	y	240

NYT

415	IC330X45	y	240
416	IC445X45	y	240
417	IC445X45	y	240
418	IC445X45	y	240
419	IC445X45	y	240
420	IC445X45	y	240
421	IC1430X60	y	240
422	IC1530X60	y	240
423	IC1430X60	y	240
424	IC045X45	y	240
425	IC145X90	y	240
426	IC045X45	y	240
427	IC145X90	y	240
428	IC045X45	y	240
429	IC145X90	y	240
430	IC045X45	y	240
431	IC145X90	y	240
432	IC045X45	y	240
433	IC145X90	y	240
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436	IC045X45	y	240
437	IC145X90	y	240
438	IC045X45	y	240
439	IC145X90	y	240
440	IC1630X60	y	240
441	IC1530X60	y	240
442	IC1360X30	y	240
750	IC245X45	y	556
751	IC245X45	y	556
752	IC245X45	y	556
753	IP220X60	y	576
754	IC245X45	y	556
755	IC245X45	y	556
756	IP220X60	y	576
757	IC245X45	y	556
758	IC245X45	y	556

NPY

759	1P220X60	y	576
760	1C245X45	y	556
761	1C245X45	y	556
762	1P220X60	y	576
763	1C245X45	y	556
790	2C1360X30	y	276
791	2C1630X60	y	276
792	2C1530X60	y	276
793	2C145X90	y	276
794	2C245X45	y	276
795	2C145X90	y	276
796	2C245X45	y	276
797	2C145X90	y	276
798	2C245X45	y	276
799	2C145X90	y	276
800	2C245X45	y	276
801	2C145X90	y	276
802	2C245X45	y	276
803	2C145X90	y	276
804	2C245X45	y	276
805	2C145X90	y	276
806	2C245X45	y	276
807	2C145X90	y	246
808	2C1430X60	y	276
809	2C1530X60	y	276
810	2C1430X60	y	276
811	2C330X45	y	336
812	2C330X45	y	336
813	2C1530X60	y	276
814	2C1630X60	y	276
815	2C1360X30	y	276
816	2C245X45	y	256
817	2C245X45	y	256
818	2C330X45	y	276
819	2C330X45	y	276
820	2C330X45	y	276
821	2C330X45	y	276

NYT

822	2C545X75	y	276
823	2C545X75	y	246
824	2C945X45	y	276
825	2C945X45	y	276
826	2C1045X75	y	276
827	2C1045X75	y	276
828	2C245X45	y	256
829	2C730X45	y	276
830	2C730X45	y	276
831	2C330X45	y	276
832	2C845X45	y	276
833	2C1140X60	y	276
834	2C11a45X70	y	276
835	2C1240X60	y	276
836	2C845X45	y	276
837	2C1240X60	y	276
838	2C1240X60	y	276
839	2C845X45	y	276
840	2C1240X60	y	276
841	2C845X45	y	276
842	2C1240X60	y	276
843	2C1240X60	y	276
844	2C845X45	y	276
845	2C1140X60	y	276
846	2C11a45X70	y	276
847	2C1240X60	y	276
848	2C245X45	y	256
849	2C730X45	y	276
850	2C730X45	y	276
851	2C330X45	y	276
852	2C845X45	y	276
853	2C1045X75	y	276
854	2C1045X75	y	276
855	2C245X45	y	256
856	2C245X45	y	256
857	2C330X45	y	276
858	2C330X45	y	276

NYT

859	2C330X45	y	276
860	2C330X45	y	276
861	2C545X75	y	276
862	2C545X75	y	246
863	2C945X45	y	276
864	2C945X45	y	276
865	2C1360X30	y	276
866	2C1530X60	y	276
867	2C1630X60	y	276
868	2C330X45	y	336
869	2C330X45	y	336
873	2C1430X60	y	276
874	2C1530X60	y	276
875	2C1430X60	y	276
876	2C145X90	y	276
877	2C245X45	y	276
878	2C145X90	y	276
879	2C245X45	y	276
880	2C145X90	y	276
881	2C245X45	y	276
882	2C145X90	y	276
883	2C245X45	y	276
884	2C145X90	y	276
885	2C245X45	y	276
886	2C145X90	y	276
887	2C245X45	y	276
888	2C145X90	y	276
889	2C245X45	y	276
890	2C145X90	y	246
891	2C1630X60	y	276
892	2C1530X60	y	276
893	2C1360X30	y	276
902	2C445X45	y	168
903	2C445X45	y	168
904	2C445X45	y	168
905	2C445X45	y	168
1083	3C945X45	y	240

1084	3C945X45	y	240
1085	3C1045X75	y	240
1086	3C1045X75	y	240
1087	3C1140X60	y	240
1088	3C11a45X70	y	240
1089	3C1240X60	y	240
1090	2C1240X60	y	240
1091	3C1240X60	y	240
1092	3C1240X60	y	240
1093	3C1240X60	y	240
1094	3C1240X60	y	240
1095	3C1240X60	y	240
1096	3C1140X60	y	240
1097	3C11a45X70	y	240
1098	3C1240X60	y	240
1099	3C1045X75	y	240
1100	3C1045X75	y	240
1101	3C945X45	y	240
1102	3C945X45	y	240
1127	1C945X45	y	334
1128	1C945X45	y	334
1129	1C1045X75	y	304
1130	1C1045X75	y	334
1131	1C1140X60	y	304
1132	1C11a45X60	y	334
1133	3C1240X60	y	334
1134	3C1240X60	y	334
1135	3C1240X60	y	334
1136	3C1240X60	y	334
1137	3C1240X60	y	334
1138	3C1240X60	y	334
1139	1C1140X60	y	304
1140	1C11a45X60	y	334
1141	3C1240X60	y	334
1142	1C1045X75	y	304
1143	1C1045X75	y	334
1144	1C945X45	y	334

NYT

1145	1C945X45	y	334
1219	BC045X45	y	185
1220	BC045X45	y	185
1221	BC045X45	y	185
1222	BC045X45	y	185
1223	BC045X45	y	185
1224	BC045X45	y	185

\$ BEAM PROPERTIES

\$Name	f_cp	f_y1	f_yt	cover	hoop	spacing	num	hoop	TR	EI
IG040X90	210	2800	2800	2800	3.9	15	2	0	0.7	
IG145x75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG245x75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG345x75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG445x75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG1a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG2a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG3a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG4a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG7a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG8a40X60	210	2800	2800	2800	3.9	12	2	0	0.7	
IG935X75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG1040X60	210	2800	2800	2800	3.9	15	2	0	0.7	
IG1240X60	210	2800	2800	2800	3.9	15	2	0	0.7	
IG835X75	210	2800	2800	2800	3.9	15	2	0	0.7	
IG740X60	210	2800	2800	2800	3.9	15	2	0	0.7	
IG1140X60	210	2800	2800	2800	3.9	15	2	0	0.7	
2G335X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G530X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G730X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G830X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G930X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G1030X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G1530X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G2030X60	210	2800	2800	2800	4.88	15	2	0	0.7	
2G2130X60	210	2800	2800	2800	4.88	15	2	0	0.7	

\$ BEAM DATA									
Element	section	L							NYT
RG2430X60	210	2800	2800	5.1	3	15	2	0	0.7
RG2530X60	210	2800	2800	5.1	3	15	2	0	0.7
RG2630X60	210	2800	2800	5.1	3	15	2	0	0.7
152 IG040X90 385									
174 IG1a40X60	330								
175 IG3a40X60	330								
176 IG7a40X60	307.5								
177 IG740X60	307.5								
178 IG3a40X60	307.5								
179 IG3a40X60	307.5								
180 IG1a40X60	375								
185 IG1040X60	750								
186 IG1040X60	660								
187 IG1040X60	750								
188 IG1040X60	660								
189 IG1040X60	750								
190 IG1040X60	660								
191 IG1040X60	750								
192 IG1240X60	750								
193 IG1240X60	750								
194 IG1240X60	682.5								
196 IG2a40X60	330								
197 IG4a40X60	330								
198 IG8a40X60	307.5								
199 IG740X60	307.5								
200 IG4a40X60	307.5								
201 IG4a40X60	307.5								
202 IG2a40X60	375								
223 IG245x75	305								
224 IG445x75	305								
225 IG835X75	282.5								
226 IG1140X60	350								
227 IG1140X60	350								
228 IG1140X60	350								

NYT

229	IG1140X60	350
230	IG1140X60	350
231	IG1140X60	350
232	IG1140X60	350
233	IG835X75	282.5
234	IG835X75	282.5
250	IG245X75	305
251	IG445X75	305
252	IG835X75	305
253	IG835X75	305
254	IG835X75	305
262	IG245X75	305
263	IG445X75	305
264	IG835X75	305
265	IG835X75	305
266	IG835X75	305
274	IG145X75	305
275	IG445X75	305
276	IG835X75	305
277	IG835X75	305
278	IG835X75	305
286	IG145X75	305
287	IG345X75	305
288	IG935X75	305
289	IG935X75	305
290	IG935X75	305
462	2G2030X60	290
465	2G830X60	330
466	2G830X60	307.5
467	2G1240X60	307.5
468	2G1240X60	307.5
469	2G1240X60	307.5
470	2G1240X60	307.5
471	2G1240X60	307.5
472	2G1240X60	307.5
473	2G1240X60	307.5
480	2G2130X60	290

NYT

483	2G1440X60	705
492	2G730X60	330
493	2G730X60	330
494	2G930X60	315
495	2G1340X60	315
496	2G1340X60	315
497	2G1340X60	315
498	2G1340X60	315
499	2G1340X60	315
500	2G1340X60	315
501	2G1340X60	315
503	2G2230X60	220
557	2G335X60	385
611	2G1030X60	362.5
665	2G2230X60	220
542	2G1530X60	261.3
543	2G2330X60	192.5
558	2G530X60	385
566	2G2430X60	247.5
574	2G1140X60	385
582	2G2630X60	246.5
561	2G1030X60	362.5
565	2G1630X60	247.5
576	2G2530X60	261
578	2G2630X60	254.1
579	2G1140X60	385
583	2G1140X60	385
585	2G2630X60	246.5
587	2G1140X60	385
589	2G2630X60	254.1
591	2G2530X60	261
592	2G1140X60	385
602	2G1630X60	247.5
603	2G2430X60	247.5
607	2G335X60	385
608	2G530X60	385
625	2G1530X60	276.3

626	2G2330X60	192.5
667	2G730X60	330
668	2G730X60	330
669	2G930X60	315
670	2G1440X60	315
671	2G1440X60	315
672	2G1440X60	315
673	2G1340X60	315
678	2G1440X60	705
679	2G1440X60	667.5
680	2G1440X60	705
681	2G1440X60	667.5
682	2G1440X60	705
683	2G1440X60	667.5
684	2G1440X60	705
685	2G1440X60	705
686	2G1440X60	705
687	2G1440X60	705
688	2G2130X60	290
695	2G830X60	330
696	2G830X60	307.5
697	2G1440X60	307.5
698	2G1440X60	307.5
699	2G1440X60	307.5
700	2G1240X60	307.5
703	2G2030X60	290
772	3G1230X90	350.9
773	3G1440X80	350.9
774	3G1440X80	350.9
775	3G1440X80	350.9
776	3G1440X80	350.9
777	3G1440X80	350.9
778	3G1440X80	350.9
779	3G1230X90	350.9
780	3G1230X90	350.9
781	3G1440X80	350.9
782	3G1440X80	350.9

NYT

783	3G1440X80	350.9
784	3G1230X90	350.9
870	3G1440X80	739.3
871	3G1440X80	739.3
872	3G1440X80	739.3
894	3G1330X90	343.4
895	3G1440X80	343.4
896	3G1440X80	343.4
897	3G1440X80	343.4
898	3G1440X80	343.4
899	3G1440X80	343.4
900	3G1440X80	343.4
901	3G1330X90	343.4
906	3G1330X90	343.4
907	3G1440X80	343.4
908	3G1440X80	343.4
909	3G1440X80	343.4
910	3G1330X90	343.4
930	3G2030X60	290
932	3G1330X90	127.5
934	3G830X60	307.5
938	3G1330X90	157.5
941	3G2130X60	290
946	3G7a20x60	330
947	3G730X60	330
948	3G930X60	315
949	3G1230X90	315
950	3G2230X60	220
960	3G1530X60	261.3
961	3G2430X60	192.5
962	3G135X80	385
963	3G340X80	385
964	3G530X60	385
965	3G6a20x60	385
966	3G630X60	385
967	3G1030X60	362.5
969	3G1630X60	247.5

970	3G2330X60	247.5
978	3G235X80	385
979	3G440X80	385
980	3b0a20X60	370
981	3G1140X80	385
982	3G2530X60	261
986	3G2630X60	254.1
987	3G235X80	385
988	3G440X80	385
989	3b0a20X60	370
990	3G1140X80	385
994	3G2630X60	246.5
995	3G235X80	385
996	3G440X80	385
997	3b0a20X60	370
998	3G1140X80	385
999	3G1730X60	1755
1000	3G2630X60	246.5
1004	3G235X80	385
1005	3G440X80	385
1006	3b0a20X60	370
1007	3G1140X80	385
1008	3G2630X60	254.1
1012	3G2530X60	261
1013	3G235X80	385
1014	3G440X80	385
1015	3b0a20X60	370
1016	3G1140X80	385
1024	3G1630X60	247.5
1025	3G2330X60	247.5
1027	3G135X80	385
1028	3G340X80	385
1029	3G530X60	385
1030	3G6a20x60	385
1031	3G630X60	385
1032	3G1030X60	362.5
1033	3G1530X60	276.3

NY

1034	3G2430X60	192.5
1044	3G2230X60	220
1045	3G7a20x60	330
1046	3G730X60	330
1047	3G930X60	315
1048	3G1230X90	315
1053	3G2130X60	290
1056	3G1330X90	157.5
1060	3G830X60	307.5
1061	3G1330X90	127.5
1064	3G2030X60	290
1105	3G1530X60	261.3
1106	3G2430X60	192.5
1108	3G1630X60	247.5
1109	3G2330X60	247.5
1112	3G2530X60	261
1113	3G2630X60	254.1
1114	3G2630X60	246.5
1115	3G2630X60	246.5
1116	3G2630X60	254.1
1117	3G2530X60	261
1120	3G1630X60	247.5
1121	3G2330X60	247.5
1123	3G1530X60	276.3
1124	3G2430X60	192.5
1149	RG2330X60	192.5
1152	RG2430X60	247.5
1156	RG2530X60	261
1159	RG2630X60	254.1
1162	RG2630X60	246.5
1165	RG2630X60	246.5
1168	RG2630X60	254.1
1171	RG2530X60	261
1175	RG2430X60	247.5
1178	RG2330X60	192.5

\$ SECTION PROPERTIES

NYT

BC045X45x

45 45
7.84 2800 6 6 6 6
17.6133 2800 6 6
27.3867 2800 6 6
37.16 2800 6 6 6 6

BC045X45y

45 45
7.84 2800 6 6 6 6
17.6133 2800 6 6
27.3867 2800 6 6
37.16 2800 6 6 6 6

BC145X90x

45 90
8.49 2800 8 10 10 10 10 8
15.495 2800 8 8
22.5 2800 8 8
29.505 2800 8 8
36.51 2800 8 10 10 10 10 8

BC145X90y

90 45
8.49 2800 8 8 8 8
20.66 2800 10 10
32.83 2800 10 10
45 2800 10 10
57.17 2800 10 10
69.34 2800 10 10
81.51 2800 8 8 8 8

BC245X45x

45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8

NY

36.85 2800 8 8 8 8

BC245X45Y

45 45 8 8 8 8

8.15 2800 8 8 8 8

17.7167 2800 8 8

27.2833 2800 8 8

36.85 2800 8 8 8 8

BC330X45X

30 45 8 8 8 8

8.15 2800 8 8 8 8

15 2800 8 8

21.85 2800 8 8 8 8

BC330X45Y

45 30 8 8 8 8

8.15 2800 8 8 8 8

17.7167 2800 8 8

27.2833 2800 8 8

36.85 2800 8 8 8 8

BC445X45X

45 45 8 8 8 8

8.15 2800 8 8 8 8

22.5 2800 8 8

36.85 2800 8 8 8 8

BC445X45Y

45 45 8 8 8 8

8.15 2800 8 8 8 8

17.7167 2800 8 8

27.2833 2800 8 8

36.85 2800 8 8 8 8

1C730X45X

30 45

NTY

8.42 2800 8 8 8
15 2800 8 8
21.58 2800 8 8 8

1C730X45Y

45 30
8.42 2800 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8

1C845X45x

45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

1C845X45Y

45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

1C945X45x

45 45
8.42 2800 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8

1C945X45Y

45 45
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

NY

IC1045X75x
45 75
8.42 2800 8 8 8 8 8
22.5 2800 8 8 8 8 8
36.58 2800 8 8 8 8 8

IC1045X75y
75 45
8.42 2800 8 8 8
22.96 2800 8 8
37.5 2800 8 8
52.04 2800 8 8
66.58 2800 8 8 8

IC11a45X60x
45 60
8.76 2800 10 10 10 10 10
22.5 2800 8 8
36.24 2800 10 10 10 10 10

IC11a45X60y
60 45
8.76 2800 10 8 10
19.38 2800 10 10
30 2800 10 10
40.62 2800 10 10
51.24 2800 10 8 10

IC1140X60x
40 60
8.76 2800 10 10 10 10 10
20 2800 8 8
31.24 2800 10 10 10 10 10

IC1140X60y
60 40
8.76 2800 10 10 10

NYT

19.38 2800 10 10
30 2800 8 8
40.62 2800 10 10
51.24 2800 10 10 10

1C1240X60x
40 60
8.42 2800 8 8 8 8
20 2800 8 8
31.58 2800 8 8 8 8

1C1240X60y
60 40
8.42 2800 8 8 8
22.8067 2800 8 8
37.1933 2800 8 8
51.58 2800 8 8 8

1C1360X30x
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

1C1360X30y
30 60
8.11 2800 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6

1C1430X60x
30 60
8.11 2800 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6

NYT

IC1430X60y
60 30
8.11 2800 6 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1530X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1530X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

IC1630X60x
30 60
8.11 2800 6 6 6 6 6
15 2800 6 6
21.89 2800 6 6 6 6 6

IC1630X60y
60 30
8.11 2800 6 6 6
19.055 2800 6 6
30 2800 6 6
40.945 2800 6 6
51.89 2800 6 6 6

NYT

IP220X60x
20 60
7.69 2800 6 6 6 6
12.31 2800 6 6 6 6

IP220X60y
60 20
7.69 2800 6 6
22.5633 2800 6 6
37.4367 2800 6 6
52.31 2800 6 6

IC045X45x
45 45
8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

IC045X45y
45 45
8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

IC145X90x
45 90
8.76 2800 8 10 10 10 10 8
15.63 2800 8 8
22.5 2800 8 8
29.37 2800 8 8
36.24 2800 8 10 10 10 10 8

IC145X90y
90 45
8.76 2800 8 8 8 8

NY

20.84 2800 10 10 10
32.92 2800 10 10
45 2800 10 10
57.08 2800 10 10
69.16 2800 10 10
81.24 2800 8 8 8 8

IC245X45x
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

IC245Y45y
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

IC330X45x
30 45
8.42 2800 8 8 8 8
15 2800 8 8
21.58 2800 8 8 8 8

IC330Y45y
45 30
8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

IC445X45x
45 45
8.42 2800 8 8 8 8

NYT

22.5 2800 8 8
36.58 2800 8 8 8 8

1C445X45y
45 45

8.42 2800 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8

1C545X75x
45 75

8.11 2800 6 6 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6 6 6

1C545X75y
75 45

8.11 2800 6 6 6 6
17.9067 2800 6 6
27.7033 2800 6 6
37.5 2800 6 6
47.2967 2800 6 6
57.0933 2800 6 6
66.89 2800 6 6 6 6

1C645X45x
45 45

8.42 2800 8 8 8 8
22.5 2800 8 8 8 8
36.58 2800 8 8 8 8

1C645X45y
45 45

8.42 2800 8 8 8
17.8067 2800 8 8

NYT

27.1933 2800 8 8 8
36.58 2800 8 8 8

2C730X45x

30 45
8 2800 8 8 8
15 2800 8 8 8
22 2800 8 8 8

2C730X45y

45 30
8 2800 8 8 8
22.5 2800 8 8 8
37 2800 8 8 8

2C845X45x

45 45
8 2800 8 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8 8

2C845X45y

45 45
8 2800 8 8 8 8
17.6667 2800 8 8 8
27.3333 2800 8 8 8
37 2800 8 8 8 8

2C945X45x

45 45
8 2800 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8

2C945X45y

45 45

NYT

8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C1045X75x

45 75
8 2800 8 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8 8

2C1045X75y

75 45
8 2800 8 8 8
22.75 2800 8 8
37.5 2800 8 8
52.25 2800 8 8
67 2800 8 8 8

2C11a45X70x

45 70
8.34 2800 10 10 10 10 10
22.5 2800 8 8
36.66 2800 10 10 10 10 10

2C11a45X70y

70 45
8.34 2800 10 8 10
21.67 2800 10 10
35 2800 10 10
48.33 2800 10 10
61.66 2800 10 8 10

2C1140X60x

40 60
8.34 2800 10 10 10 10
20 2800 8 8

NYT

31.66 2800 10 10 10 10 10

2C1140X60y

60 40

8.34 2800 10 8 10

19.17 2800 10 10

30 2800 10 10

40.83 2800 10 10

51.66 2800 10 8 10

2C1240X60x

40 60

8 2800 8 8 8

20 2800 8 8

32 2800 8 8 8

2C1240X60y

60 40

8 2800 8 8

22.6667 2800 8 8

37.3333 2800 8 8

52 2800 8 8

2C1360X30x

60 30

7.69 2800 6 6 6

18.845 2800 6 6

30 2800 6 6

41.155 2800 6 6

52.31 2800 6 6 6

2C1360X30y

30 60

7.69 2800 6 6 6 6

15 2800 6 6 6 6

22.31 2800 6 6 6 6

NYT

2C1430X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1430X60y
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1530X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1530X60y
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1630X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1630X60y
60 30
7.69 2800 6 6 6

NY

18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6

2C145X90x

45 90
8.34 2800 10 10 10 10 10 10
15.42 2800 10 10 10 10
22.5 2800 10 10
29.58 2800 10 10
36.66 2800 10 10 10 10 10 10

2C145X90y

90 45
8.34 2800 10 10 10 10 10
20.56 2800 10 10
32.78 2800 10 10
45 2800 10 10
57.22 2800 10 10
69.44 2800 10 10
81.66 2800 10 10 10 10

2C245X45x

45 45
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C245X45y

45 45
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

NYT

2C330X45x
30 45
8 2800 8 8 8 8
15 2800 8 8 8 8
22 2800 8 8 8 8

2C330X45y
45 30
8 2800 8 8 8 8
17.6667 2800 8 8 8 8
27.3333 2800 8 8 8 8
37 2800 8 8 8 8

2C445X45x
45 45
8 2800 8 8 8 8
22.5 2800 8 8 8 8
37 2800 8 8 8 8

2C445X45y
45 45
8 2800 8 8 8 8
17.6667 2800 8 8 8 8
27.3333 2800 8 8 8 8
37 2800 8 8 8 8

2C545X75x
45 75
7.69 2800 6 6 6 6 6 6
17.5633 2800 6 6 6 6 6 6
27.4367 2800 6 6 6 6 6 6
37.31 2800 6 6 6 6 6 6

2C545X75y
75 45
7.69 2800 6 6 6 6 6 6
17.6267 2800 6 6 6 6 6 6

NYT

27.5633 2800 6 6 6
37.5 2800 6 6 6
47.4367 2800 6 6 6
57.3733 2800 6 6 6
67.31 2800 6 6 6 6

3C945X45x
45 45
6.82 2800 8 8 8 8
22.5 2800 8 8 8 8
38.18 2800 8 8 8 8

3C945X45y
45 45
6.82 2800 8 8 8 8
17.2733 2800 8 8 8
27.7267 2800 8 8 8
38.18 2800 8 8 8 8

3C1045X75x
45 75
6.82 2800 8 8 8 8 8
22.5 2800 8 8 8 8 8
38.18 2800 8 8 8 8 8

3C1045X75y
75 45
6.82 2800 8 8 8
22.16 2800 8 8
37.5 2800 8 8
52.84 2800 8 8
68.18 2800 8 8 8

3C11a45X70x
45 70
7.16 2800 10 10 10 10 10
22.5 2800 8 8 8 8 8

NY

37.84 2800 10 10 10 10 10

3C11a45X70y

70 45

7.16 2800 10 8 10

21.08 2800 10 10

35 2800 10 10

48.92 2800 10 10

62.84 2800 10 8 10

3C1140X60x

40 60

7.16 2800 10 10 10 10 10

20 2800 10 10

32.84 2800 10 10 10 10 10

3C1140X60y

60 40

7.16 2800 10 10 10

18.58 2800 10 10

30 2800 10 10

41.42 2800 10 10

52.84 2800 10 10 10

3C1240X60x

40 60

6.82 2800 8 8 8 8

20 2800 8 8 8 8

33.18 2800 8 8 8 8

3C1240X60y

60 40

6.82 2800 8 8 8

22.2733 2800 8 8

37.7267 2800 8 8

53.18 2800 8 8 8

NYT

IG040X90
15 107.5 90 40 3 3 3 3 3
2.5 2800 3 8 8 8 8 8 8
6.44 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
83.56 2800 8 8 8 8 8 8 8

IG145x75
15 87.5 75 45 3 3 3 3 3
2.5 2800 3 8 8 8 8 8 8
6.44 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
68.56 2800 8 8 8 8 8 8 8

IG245x75
15 87.5 75 45 3 3 3 3 3
2.5 2800 3 8 8 8 8 8 8
6.12 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
68.88 2800 8 8 8 8 8 8 8

IG345x75
15 87.5 75 45 3 3 3 3 3
2.5 2800 3 8 8 8 8 8 8
6.12 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
68.88 2800 8 8 8 8 8 8 8

IG445x75
15 87.5 75 45 3 3 3 3 3
2.5 2800 3 8 8 8 8 8 8
6.12 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
68.88 2800 8 8 8 8 8 8 8

IG1a40X60
15 93.75 60 40

NY

2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

IG2a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

IG3a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

IG4a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

IG7a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.88 2800 8 8

IG8a40X60

15 93.75 60 40
2.5 2800 3 3 3 3 3
6.12 2800 8 8 8 8 8

NYT

12.5 2800 3 3 3 3
53.88 2800 8 8

IG935X75

15 87.5 75 35 3 3 3
2.5 2800 3 3 3 3
6.12 2800 8 8 8 8
12.5 2800 3 3 3 3
68.88 2800 8 8 8

IG1040X60

15 187.5 60 40 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
6.44 2800 8 8 8 8
8.94 2800 8 8 8
12.5 2800 3 3 3 3 3 3 3
53.56 2800 8 8 8

IG1240X60

15 187.5 60 40 3 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
6.44 2800 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
53.56 2800 8 8 8

IG835X75

15 87.5 75 35 3 3 3 3
2.5 2800 3 3 3 3
6.12 2800 8 8 8 8
12.5 2800 3 3 3 3
68.88 2800 8 8 8

IG740X60

15 93.75 60 40 3 3 3 3
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8
12.5 2800 3 3 3 3

NYT

53.56 2800 8 8 8 8

1G1140X60

15 87.5 60 40 3 3 3 3

2.5 2800 3 3 8 8 8 8

6.44 2800 8 8 8 8 8 8

8.94 2800 8 8 8 8 8 8

12.5 2800 3 3 3 3 3 3

53.56 2800 8 8 8 8 8 8

2G335X60

15 107.5 60 35 3 3 3 3

2.5 2800 3 8 8 8 8 8

7.1 2800 8 8 8 8 8 8

12.5 2800 3 3 3 3 3 3

52.9 2800 8 8 8 8 8 8

2G530X60

15 107.5 60 30 3 3 3 3

2.5 2800 3 8 8 8 8 8

7.1 2800 8 8 8 8 8 8

12.5 2800 3 3 3 3 3 3

52.9 2800 8 8 8 8 8 8

2G730X60

15 93.75 60 30 3 3 3 3

2.5 2800 3 8 8 8 8 8

7.1 2800 8 8 8 8 8 8

12.5 2800 3 3 3 3 3 3

52.9 2800 8 8 8 8 8 8

2G830X60

15 93.75 60 30 3 3 3 3

2.5 2800 3 8 8 8 8 8

6.79 2800 6 6 6 6 6 6

12.5 2800 3 3 3 3 3 3

53.21 2800 6 6 6 6 6 6

NYT

2G930X60

15 93.75 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6 6

2G1030X60

15 107.5 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6 6

2G1530X60

15 85.95 60 30
2.5 2800 3 3 3 3 3
6.79 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.21 2800 8 8 8 8 8

2G1630X60

15 82.5 60 30
2.5 2800 3 3 3 3 3
6.79 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
53.21 2800 8 8 8 8 8

2G2030X60

15 83.75 60 30
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6 6

2G2130X60

NYT

15 83.75 60 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6 6

2G2230X60

15 55 60 30
2.5 2800 3 3 3
6.79 2800 6 6 6 6
12.5 2800 3 3 3
53.21 2800 6 6 6 6

2G2330X60

15 65 60 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6 6

2G2430X60

15 82.5 60 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6 6

2G2530X60

15 80.25 60 30
2.5 2800 3 3 3 3
6.79 2800 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6 6

2G2630X60

15 76.625 60 30
2.5 2800 3 3 3 3

NY

6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3
53.21 2800 6 6 6

2G1140X60

15 107.5 60 40
2.5 2800 3 3 3 3 3
6.79 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
53.21 2800 6 6 6 6

2G1240X60

15 93.75 60 40
2.5 2800 3 3 3 3
7.42 2800 8 8 8 8 8
12.5 2800 3 3 3 3
52.58 2800 8 8

2G1340X60

15 93.75 60 40
2.5 2800 3 3 3 3
7.42 2800 8 8 8 8
12.5 2800 3 3 3
52.58 2800 8 8

2G1440X60

15 187.5 60 40
2.5 2800 3 3 3 3 3
7.1 2800 8 8 8 8
12.5 2800 3 3 3 3 3
52.9 2800 8 8 8 8

3G135X80

15 107.5 80 35
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3

NYT

71.83 2800 8 8 8 8

3G235X80

15 107.5 80 35
2.5 2800 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3
71.83 2800 8 8 8 8

3G340X80

15 107.5 80 40
2.5 2800 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3
71.83 2800 8 8 8 8

3G440X80

15 107.5 80 40
2.5 2800 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3
71.83 2800 8 8 8 8

3G1140X80

15 107.5 80 40
2.5 2800 3 3 3 3 3 3
7.86 2800 6 6 6 6 6 6
12.5 2800 3 3 3 3 3 3
72.14 2800 6 6 6 6

3G1440X80

15 102.725 80 40
2.5 2800 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3
71.51 2800 8 8 8 8

NYT

3G530X60
15 107.5 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
51.83 2800 8 8 8 8 8 8 8

3G630X60
15 107.5 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
10.67 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
51.83 2800 8 8 8 8 8 8 8

3G730X60
15 93.75 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
8.17 2800 8 8 8 8 8 8 8
10.67 2800 8 8 8 8 8 8 8
12.5 2800 3 3 3 3 3 3 3
51.83 2800 8 8 8 8 8 8 8

3G830X60
15 93.75 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
7.86 2800 6 6 6 6 6 6 6
12.5 2800 3 3 3 3 3 3 3
52.14 2800 6 6 6 6 6 6 6

3G930X60
15 93.75 60 30 3 3 3 3 3
2.5 2800 3 3 3 3 3 3 3
7.86 2800 6 6 6 6 6 6 6
12.5 2800 3 3 3 3 3 3 3
52.14 2800 6 6 6 6 6 6 6

NY

3G1030X60
15 107.5 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G1530X60
15 85.95 60 30
2.5 2800 3 3 3 3 3
7.86 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.14 2800 8 8 8 8 8

3G1630X60
15 82.5 60 30
2.5 2800 3 3 3 3 3
7.86 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
52.14 2800 8 8 8 8 8

3G1730X60
15 270 60 30
2.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8 8
10.99 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
51.51 2800 8 8 8 8 8

3G2030X60
15 83.75 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G2130X60

NYT

15 83.75 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G2230X60

15 55 60 30
2.5 2800 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3
52.14 2800 6 6 6 6 6

3G2330X60

15 82.5 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G2430X60

15 65 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G2530X60

15 80.25 60 30
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6 6

3G2630X60

15 78.525 60 30
2.5 2800 3 3 3 3 3

NYT

7.86 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.14 2800 6 6 6 6

3b0a20X60
15 107.5 60 20
2.5 2800 3 3 3 3 3
7.86 2800 6 6 6 6
12.5 2800 3 3 3 3 3
52.14 2800 6 6 6 6

3G6a20X60
15 107.5 60 20
2.5 2800 3 3 3 3 3
8.17 2800 8 8 8
10.67 2800 8 8
12.5 2800 3 3 3 3 3
51.83 2800 8 8 8

3G7a20X60
15 93.75 60 20
2.5 2800 3 3 3 3
8.17 2800 8 8 8
10.67 2800 8 8
12.5 2800 3 3 3 3
51.83 2800 8 8 8

3G1230X90
15 102.725 90 30
2.5 2800 3 3 3 3 3
8.49 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
81.51 2800 8 8 8

3G1330X90
15 102.725 90 30
2.5 2800 3 3 3 3 3

NYT

8.49 2800 8 8 8 8 8
12.5 2800 3 3 3 3 3
81.51 2800 8 8 8 8 3

RG2330X60

15 65 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2430X60

15 82.5 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2530X60

15 80.25 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

RG2630X60

15 78.525 60 30
2.5 2800 3 3 3 3
7.01 2800 6 6 6 6 6
12.5 2800 3 3 3 3
52.99 2800 6 6 6 6

