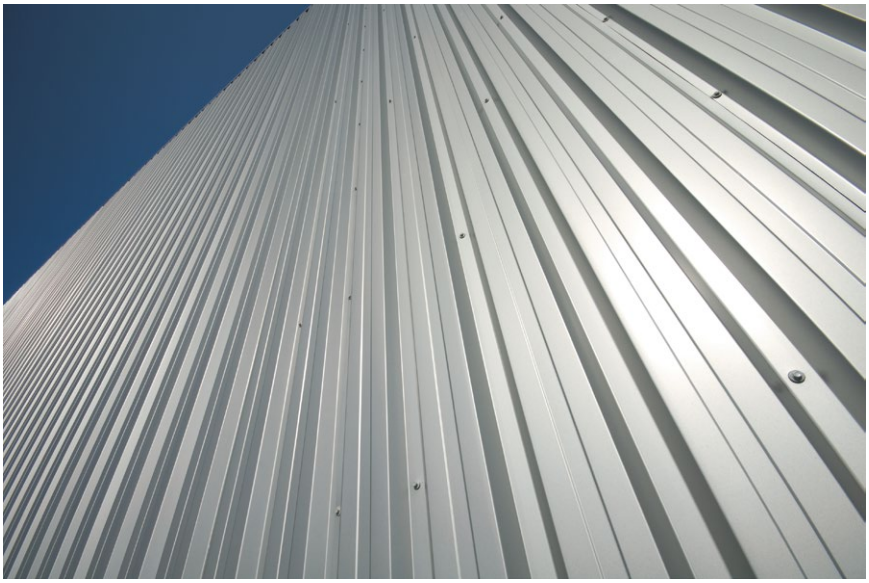
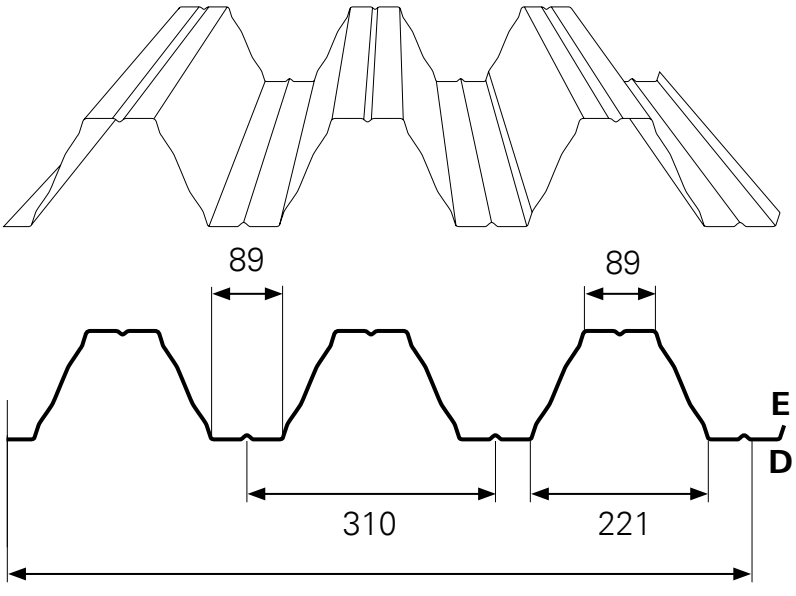
Trapezoidal metal sheets are products widely used in the construction industry due to their versatility. They work well both as elevation and roof covering for constructions ranging from the smallest buildings (garages, sheds) to large-production facilities and commercial buildings. We offer a broad cross section of products from economic solutions to high construction profiles that have parameters allowing their use in the most demanding industrial applications.



T135-930

Technical parameters [in mm]	
Effective width	930
Total width	~974
Height of profile	136
Thickness of steel sheet	0,7–1,5
Max. length of sheet	14 000

DECORATIVE COATINGS
VERSION T135-930E/T135-930D



Effective width 930

Installation guide and commentary on load-bearing capacity tables

Load-bearing capacity tables were elaborated for trapezoid metal sheets of the company BLACHPROFIL 2 working as single-span beams and continuous beams: two-span and three-span and also for metal sheets laid at overlap – as two-span and three-span beams (available only on request – for further details contact the BLACHPROFIL 2 Sales Department). A variant base on supports was taken into account (the positive or the negative).

The results were obtained based on static-strength analysis of metal sheets treated as thin-walled elements according to the algorithm of Assoc. Eng. R.J. Garncarek, Professor at the Bialystok University of Technology, in accordance with PNEN 1993-1-3: August 2008 along with further changes.

Programs by the company KOTEX were used for the calculations [www.kotex.waw.pl].
According to EN 1993-1-3 in the calculations assumed

- resilient material with a yield point $\mathbf{f_{yb}}$ according to the table 3.1b.,
- material safety factor γ_m = 1,0

In the tables, computational loads for I limit state (SGN) were presented, expressing the allowable load-bearing capacity and loads characteristic for II limit state (SGU) corresponding to the allowable deflections. The allowable loads in SGU state were specified for deflections **L**/150, **L**/200 and **L**/300.
Loads are expressed in kN/m^2.

The ranges of parameters for the analyzed metal sheets are stated below:

Type of metal sheet: T135-930
Steel: S320 GD

Metal sheet thicknesses: 0.70 mm, 0.75 mm, 0.80 mm, 0.88 mm, 1.00 mm, 1.10 mm, 1.25 mm, 1.50 mm

Intermediate support widths [b]: 80 mm, 100 mm, 140 mm, 300 mm

Spans of bays [m]: L_{min} = 2.00 m, L_{max} = 8.50 m

General recommendations

The widths of the end support according to the manufacturer (60 mm) have been given in the following load-bearing capacity tables, yet for the purpose of calculations, the widths of the end support a=10 mm have been assumed in accordance with PN-EN. Tables for two- and three-span systems have been prepared for the following widths of the intermediate support **b**=80 mm, 100 mm, 140 mm and 300 mm.

Presented computational loads should be compared with the values from the tables – line No. 1, for a span not less than that assumed in the structure design.
In case of two-span and three-span metal sheet, a table should be chosen which corresponds to the width of the intermediate support **b** not greater than the width assumed in the structure design.

Linear interpolation can be used both for the intermediate support width **b** and for the spans of bays **L**.

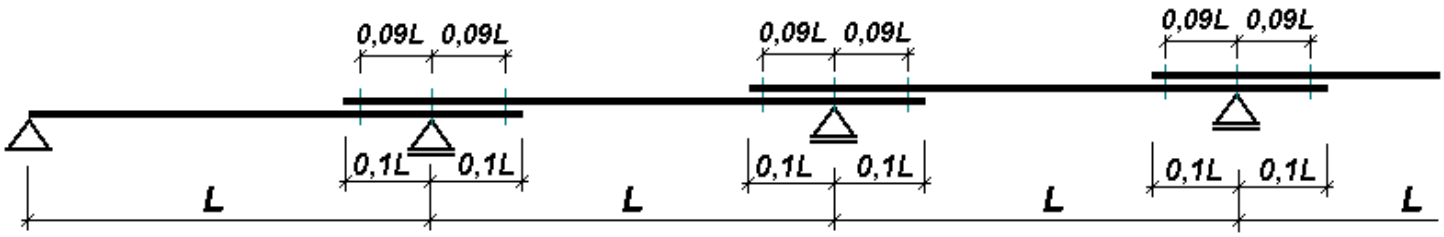
These tables can be used complying with the following conditions:

- The load which has an effect on the adopted static systems is constant and evenly distributed,
- The lengths of spans in the multi-span systems differ by no more than 5%, but to determine the SGN and SGU the greatest length of a span is adopted.
- The method of the attachment of trapezoidal metal sheets is consistent with the manufacturer's instructions.

In other individual cases, it is recommended to consult a representative of our company.

Recommendations for overlap systems

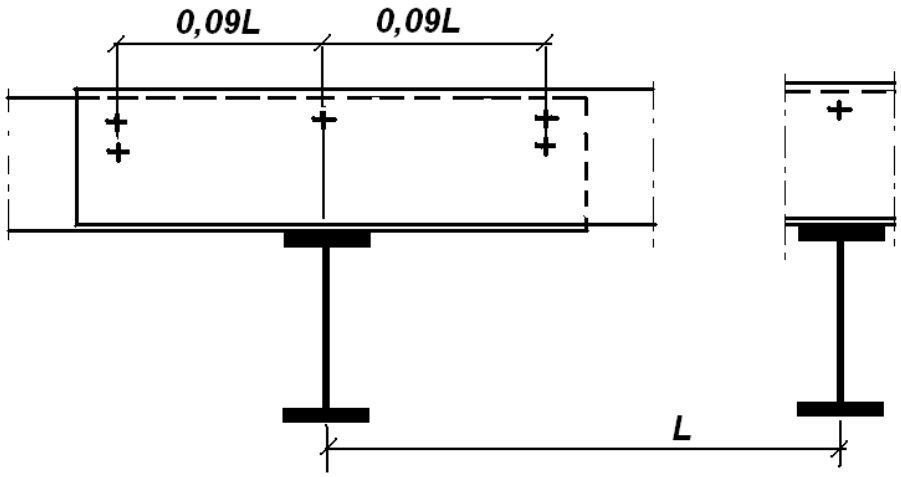
The tables have been drawn up for the installation of overlap metal sheets corresponding to 0.1 of the span of the bay, as shown in the picture*:



For overlap metal sheets, the intermediate support must meet the following condition >=60 mm.

The fasteners shall be placed over the axes of supports (beams) and on both sides of the support within the distance of 0.09 of the span:

The minimum distance of the fastener center of gravity from support



Weight of metal sheets (kg/m²)

Thickness of steel sheet [mm]	Weight
0,70	8,87
0,75	9,51
0,80	10,14
0,88	11,16
1,00	12,68
1,10	13,95
1,20	15,47
1,25	15,85
1,50	19,02

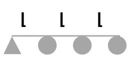
* Tables for overlap metal sheets are available upon reques

T135-930

S320 GD

T135		The positive / The negative																											
Number of spans:		**1**	**support 60 - 60**																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.90	1.82	1.74	1.67	1.61	1.55	1.49	1.40	1.31	1.23	1.15	1.08	1.02
	250.41	SGU (L/150)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73	0.66	0.60	0.55	0.50
	269.29	SGU (L/200)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.15	1.84	1.59	1.39	1.21	1.07	0.94	0.84	0.75	0.67	0.60	0.55	0.50	0.45	0.41	0.38
		SGU (L/300)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.40	2.00	1.69	1.43	1.23	1.06	0.92	0.81	0.71	0.63	0.56	0.50	0.45	0.40	0.36	0.33	0.30	0.27	0.25
0.75		SGN	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.30	2.20	2.10	2.02	1.94	1.86	1.79	1.68	1.56	1.46	1.37	1.28	1.21	1.14
	270.95	SGU (L/150)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
	292.62	SGU (L/200)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.30	1.98	1.71	1.48	1.30	1.14	1.01	0.90	0.80	0.72	0.65	0.59	0.53	0.48	0.44	0.40
		SGU (L/300)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.12	2.57	2.14	1.81	1.54	1.32	1.14	0.99	0.87	0.76	0.67	0.60	0.54	0.48	0.43	0.39	0.35	0.32	0.29	0.27
0.80		SGN	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.64	2.52	2.41	2.31	2.22	2.13	1.98	1.84	1.72	1.60	1.50	1.41	1.33	1.25
	294.37	SGU (L/150)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.43	2.11	1.85	1.63	1.44	1.28	1.14	1.02	0.92	0.83	0.75	0.69	0.63	0.57
	315.54	SGU (L/200)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
		SGU (L/300)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.33	2.74	2.29	1.93	1.64	1.40	1.21	1.06	0.92	0.81	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.34	0.31	0.29
0.88		SGN	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.37	3.21	3.07	2.93	2.81	2.66	2.46	2.28	2.12	1.98	1.85	1.73	1.62	1.53	1.44
	329.14	SGU (L/150)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.09	2.67	2.32	2.03	1.79	1.58	1.41	1.26	1.13	1.01	0.92	0.83	0.75	0.69	0.63
	349.27	SGU (L/200)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.77	3.18	2.70	2.32	2.00	1.74	1.52	1.34	1.19	1.05	0.94	0.84	0.76	0.69	0.62	0.57	0.52	0.47
		SGU (L/300)	8.43	7.50	6.75	6.13	5.62	5.19	4.50	3.66	3.02	2.52	2.12	1.80	1.54	1.33	1.16	1.02	0.89	0.79	0.70	0.63	0.56	0.51	0.46	0.41	0.38	0.34	0.31
1.00		SGN	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.87	4.61	4.38	4.17	3.98	3.80	3.49	3.22	2.98	2.76	2.57	2.39	2.23	2.09	1.96	1.85	1.74
	378.89	SGU (L/150)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.82	4.10	3.51	3.03	2.64	2.31	2.03	1.80	1.60	1.43	1.28	1.15	1.04	0.94	0.86	0.78	0.71
	400.01	SGU (L/200)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
		SGU (L/300)	10.95	9.74	8.76	7.97	7.30	6.39	5.12	4.16	3.43	2.86	2.41	2.05	1.76	1.52	1.32	1.15	1.02	0.90	0.80	0.71	0.64	0.58	0.52	0.47	0.43	0.39	0.36
1.10		SGN	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.91	5.59	5.31	5.06	4.79	4.38	4.02	3.71	3.43	3.18	2.95	2.75	2.57	2.41	2.26	2.13	2.00
	424.95	SGU (L/150)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.30	4.50	3.86	3.34	2.90	2.54	2.24	1.98	1.76	1.57	1.41	1.27	1.14	1.04	0.94	0.86	0.79
	442.46	SGU (L/200)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	6.87	5.66	4.72	3.97	3.38	2.90	2.50	2.18	1.90	1.68	1.48	1.32	1.18	1.06	0.95	0.86	0.78	0.71	0.64	0.59
		SGU (L/300)	13.29	11.81	10.63	9.66	8.86	7.03	5.63	4.58	3.77	3.14	2.65	2.25	1.93	1.67	1.45	1.27	1.12	0.99	0.88	0.78	0.70	0.63	0.57	0.52	0.47	0.43	0.39
1.20		SGN	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	7.45	7.03	6.66	6.33	5.90	5.38	4.92	4.52	4.16	3.85	3.57	3.32	3.09	2.89	2.71	2.54	2.39	2.25
	465.69	SGU (L/150)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	6.86	5.78	4.91	4.21	3.64	3.17	2.77	2.44	2.16	1.92	1.71	1.54	1.38	1.25	1.13	1.03	0.94	0.86
	484.67	SGU (L/200)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	7.49	6.17	5.15	4.33	3.69	3.16	2.73	2.37	2.08	1.83	1.62	1.44	1.28	1.15	1.04	0.94	0.85	0.77	0.70	0.64
		SGU (L/300)	15.83	14.07	12.66	11.51	9.75	7.67	6.14	4.99	4.11	3.43	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
1.25		SGN	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.59	8.08	7.63	7.23	6.87	6.23	5.68	5.19	4.77	4.39	4.06	3.77	3.50	3.27	3.05	2.86	2.68	2.52	2.38
	484.17	SGU (L/150)	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.57	7.15	6.02	5.12	4.39	3.79	3.30	2.89	2.54	2.25	2.00	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
	505.72	SGU (L/200)	17.18	15.27	13.74	12.49	11.45	10.57	9.60	7.80	6.43	5.36	4.52	3.84	3.29	2.84	2.47	2.16	1.91	1.69	1.50	1.34	1.20	1.08	0.98	0.88	0.80	0.73	0.67
		SGU (L/300)	17.18	15.27	13.74	12.49	10.16	7.99	6.40	5.20	4.29	3.57	3.01	2.56	2.19	1.90	1.65	1.44	1.27	1.12	1.00	0.89	0.80	0.72	0.65	0.59	0.54	0.49	0.45
1.50		SGN	24.69	21.94	19.75	17.95	16.46	15.19	14.11	13.17	12.34	11.62	10.79	9.68	8.74	7.92	7.22	6.61	6.07	5.59	5.17	4.79	4.46	4.16	3.88	3.64	3.41	3.21	3.02
	589.94	SGU (L/150)	24.69	21.94	19.75	17.95	16.46	15.19	14.11	12.48	10.29	8.58	7.22	6.14	5.27	4.55	3.96	3.46	3.05	2.70	2.40	2.14	1.92	1.73	1.56	1.41	1.29	1.17	1.07
	610.77	SGU (L/200)	24.69	21.94	19.75	17.95	16.46	14.38	11.52	9.36	7.72	6.43	5.42	4.61	3.95	3.41	2.97	2.60	2.29	2.02	1.80	1.61	1.44	1.30	1.17	1.06	0.96	0.88	0.80
		SGU (L/300)	24.69	21.94	19.75	15.83	12.19	9.59	7.68	6.24	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54

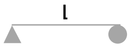
Number of spans:		**2**	**support 60 - 80 -60**																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.98	6.02	5.23	4.59	4.07	3.64	3.28	2.97	2.71	2.48	2.28	2.10	1.94	1.80	1.68	1.57	1.47	1.37	1.29	1.22	1.15	1.08	1.03	0.97	0.92	0.88	0.84
	250.41	SGU (L/150)	6.98	6.02	5.23	4.59	4.07	3.64	3.28	2.97	2.71	2.48	2.28	2.10	1.94	1.80	1.68	1.57	1.47	1.37	1.29	1.22	1.15	1.08	1.03	0.97	0.92	0.88	0.84
	269.29	SGU (L/200)	6.98	6.02	5.23	4.59	4.07	3.64	3.28	2.97	2.71	2.48	2.28	2.10	1.94	1.80	1.68	1.57	1.47	1.37	1.29	1.22	1.15	1.08	1.03	0.97	0.92	0.88	0.84
		SGU (L/300)	6.98	6.02	5.23	4.59	4.07	3.64	3.28	2.97	2.71	2.48	2.28	2.10	1.94	1.80	1.68	1.57	1.47	1.37	1.29	1.20	1.08	0.97	0.88	0.79	0.72	0.66	0.60
0.75		SGN	7.99	6.84	5.94	5.21	4.62	4.13	3.72	3.37	3.07	2.81	2.58	2.38	2.20	2.04	1.90	1.77	1.66	1.55	1.46	1.37	1.30	1.22	1.16	1.10	1.04	0.99	0.94
	270.95	SGU (L/150)	7.99	6.84	5.94	5.21	4.62	4.13	3.72	3.37	3.07	2.81	2.58	2.38	2.20	2.04	1.90	1.77	1.66	1.55	1.46	1.37	1.30	1.22	1.16	1.10	1.04	0.99	0.94
	292.62	SGU (L/200)	7.99	6.84	5.94	5.21	4.62	4.13	3.72	3.37	3.07	2.81	2.58	2.38	2.20	2.04	1.90	1.77	1.66	1.55	1.46	1.37	1.30	1.22	1.16	1.10	1.04	0.99	0.94
		SGU (L/300)	7.99	6.84	5.94	5.21	4.62	4.13	3.72	3.37	3.07	2.81	2.58	2.38	2.20	2.04	1.90	1.77	1.66	1.55	1.44	1.29	1.15	1.04	0.94	0.85	0.77	0.70	0.64
0.80		SGN	8.97	7.68	6.66	5.85	5.18	4.63	4.16	3.77	3.43	3.14	2.88	2.65	2.45	2.28	2.12	1.97	1.85	1.73	1.63	1.53	1.44	1.36	1.29	1.22	1.16	1.10	1.05
	294.37	SGU (L/150)	8.97	7.68	6.66	5.85	5.18	4.63	4.16	3.77	3.43	3.14	2.88	2.65	2.45	2.28	2.12	1.97	1.85	1.73	1.63	1.53	1.44	1.36	1.29	1.22	1.16	1.10	1.05
	315.54	SGU (L/200)	8.97	7.68	6.66	5.85	5.18	4.63	4.16	3.77	3.43	3.14	2.88	2.65	2.45	2.28	2.12	1.97	1.85	1.73	1.63	1.53	1.44	1.36	1.29	1.22	1.16	1.10	1.03
		SGU (L/300)	8.97	7.68	6.66	5.85	5.18	4.63	4.16	3.77	3.43	3.14	2.88	2.65	2.45	2.28	2.12	1.97	1.85	1.73	1.54	1.37	1.23	1.11	1.00	0.91	0.82	0.75	0.69
0.88		SGN	10.65	9.10	7.88	6.92	6.12	5.46	4.91	4.44	4.04	3.69	3.39	3.12	2.88	2.67	2.49	2.32	2.17	2.03	1.91	1.79	1.69	1.60	1.51	1.43	1.36	1.29	1.23
	329.14	SGU (L/150)	10.65	9.10	7.88	6.92	6.12	5.46	4.91	4.44	4.04	3.69	3.39	3.12	2.88	2.67	2.49	2.32	2.17	2.03	1.91	1.79	1.69	1.60	1.51	1.43	1.36	1.29	1.23
	349.27	SGU (L/200)	10.65	9.10	7.88	6.92	6.12	5.46	4.91	4.44	4.04	3.69	3.39	3.12	2.88	2.67	2.49	2.32	2.17	2.03	1.91	1.79	1.69	1.60	1.51	1.43	1.36	1.24	1.13
		SGU (L/300)	10.65	9.10	7.88	6.92	6.12	5.46	4.91	4.44	4.04	3.69	3.39	3.12	2.88	2.67	2.49	2.32	2.15	1.90	1.69	1.51	1.35	1.22	1.10	1.00	0.91	0.83	0.76
1.00		SGN	13.35	11.39	9.86	8.63	7.63	6.80	6.11	5.52	5.02	4.58	4.20	3.87	3.57	3.31	3.07	2.86	2.68	2.50	2.35	2.21	2.08	1.97	1.86	1.76	1.67	1.58	1.51
	378.89	SGU (L/150)	13.35	11.39	9.86	8.63	7.63	6.80	6.11	5.52	5.02	4.58	4.20	3.87	3.57	3.31	3.07	2.86	2.68	2.50	2.35	2.21	2.08	1.97	1.86	1.76	1.67	1.58	1.51
	400.01	SGU (L/200)	13.35	11.39	9.86	8.63	7.63	6.80	6.11	5.52	5.02	4.58	4.20	3.87	3.57	3.31	3.07	2.86	2.68	2.50	2.35	2.21	2.08	1.97	1.86	1.70	1.55	1.41	1.29
		SGU (L/300)	13.35	11.39	9.86	8.63	7.63	6.80	6.11	5.52	5.02	4.58	4.20	3.87	3.57	3.31	3.07	2.78	2.44	2.16	1.92	1.72	1.54	1.38	1.25	1.13	1.03	0.94	0.86
1.10		SGN	15.71	13.39	11.57	10.12	8.93	7.96	7.14	6.44	5.85	5.34	4.89	4.50	4.15	3.85	3.57	3.33	3.10	2.91	2.73	2.56	2.41	2.28	2.15	2.04	1.93	1.83	1.74
	424.95	SGU (L/150)	15.71	13.39	11.57	10.12	8.93	7.96	7.14	6.44	5.85	5.34	4.89	4.50	4.15	3.85	3.57	3.33	3.10	2.91	2.73	2.56	2.41	2.28	2.15	2.04	1.93	1.83	1.74
	442.46	SGU (L/200)	15.71	13.39	11.57	10.12	8.93	7.96	7.14	6.44	5.85	5.34	4.89	4.50	4.15	3.85	3.57	3.33	3.10	2.91	2.73	2.56	2.41	2.28	2.06	1.87	1.70	1.55	1.42
		SGU (L/300)	15.71	13.39	11.57	10.12	8.93	7.96	7.14	6.44	5.85	5.34	4.89	4.50	4.15	3.85	3.49	3.05	2.69	2.38	2.11	1.89	1.69	1.52	1.38	1.25	1.13	1.03	0.95
1.20		SGN	18.19	15.48	13.36	11.67	10.29	9.16	8.21	7.40	6.71	6.12	5.61	5.15	4.75	4.40	4.08	3.80	3.54	3.31	3.11	2.92	2.75	2.59	2.45	2.32	2.19	2.08	1.98
	465.69	SGU (L/150)	18.19	15.48	13.36	11.67	10.29	9.16	8.21	7.40	6.71	6.12	5.61	5.15	4.75	4.40	4.08	3.80	3.54	3.31	3.11	2.92	2.75	2.59	2.45	2.32	2.19	2.08	1.98
	484.67	SGU (L/200)	18.19	15.48	13.36	11.67	10.29	9.16	8.21	7.40	6.71	6.12	5.61	5.15	4.75	4.40	4.08	3.80	3.54	3.31	3.11	2.92	2.75	2.49	2.25	2.04	1.86	1.69	1.55
		SGU (L/300)	18.19	15.48	13.36	11.67	10.29	9.16	8.21	7.40	6.71	6.12	5.61	5.15	4.75	4.38	3.81	3.33	2.93	2.59	2.31	2.06	1.85	1.66	1.50	1.36	1.24	1.13	1.03
1.25		SGN	19.47	16.56	14.28	12.47	10.99	9.78	8.76	7.90	7.16	6.53	5.97	5.49	5.06	4.68	4.34	4.04	3.77	3.52	3.30	3.10	2.92	2.75	2.60	2.46	2.33	2.21	2.10
	484.17	SGU (L/150)	19.47	16.56	14.28	12.47	10.99	9.78	8.76	7.90	7.16	6.53	5.97	5.49	5.06	4.68	4.34	4.04	3.77	3.52	3.30	3.10	2.92	2.75	2.60	2.46	2.33	2.21	2.10
	505.72	SGU (L/200)	19.47	16.56	14.28	12.47	10.99	9.78	8.76	7.90	7.16	6.53	5.97	5.49	5.06	4.68	4.34	4.04	3.77	3.52	3.30	3.10	2.89	2.60	2.35	2.13	1.93	1.76	1.61
		SGU (L/300)	19.47	16.56	14.28	12.47	10.99	9.78	8.76	7.90	7.16	6.53	5.97	5.49	5.06	4.56	3.97	3.47	3.05	2.70	2.40	2.15	1.92	1.73	1.56	1.42	1.29	1.17	1.07
1.50		SGN	26.30	22.30	19.19	16.71	14.70	13.05	11.67	10.50	9.51	8.65	7.91	7.26	6.68	6.17	5.72	5.32	4.96	4.63	4.34	4.07	3.83	3.61	3.40	3.22	3.05	2.89	2.74
	589.94	SGU (L/150)	26.30	22.30	19.19	16.71	14.70	13.05	11.67	10.50	9.51	8.65	7.91	7.26	6.68	6.17	5.72	5.32	4.96	4.63	4.34	4.07	3.83	3.61	3.40	3.22	3.05	2.82	2.58
	610.77	SGU (L/200)	26.30	22.30	19.19	16.71	14.70	13.05	11.67	10.50	9.51	8.65	7.91	7.26	6.68	6.17	5.72	5.32	4.96	4.63	4.32	3.86	3.46	3.12	2.81	2.55	2.32	2.11	1.93
		SGU (L/300)	26.30	22.30	19.19	16.71	14.70	13.05	11.67	10.50	9.51	8.65	7.91	7.26	6.33	5.47	4.76	4.16	3.67	3.24	2.88	2.57	2.31	2.08	1.88	1.70	1.55	1.41	1.29



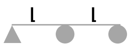
Number of spans:		**3**	**support 60 - 80 -80 - 60**																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.21	2.94	2.71	2.50	2.32	2.15	2.01	1.88	1.76	1.65	1.55	1.46	1.38	1.31	1.24	1.17	1.11	1.06	1.01
	250.41	SGU (L/150)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.21	2.94	2.71	2.50	2.32	2.15	2.01	1.88	1.76	1.65	1.55	1.46	1.38	1.31	1.24	1.17	1.11	1.03	0.95
	269.29	SGU (L/200)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.21	2.94	2.71	2.50	2.32	2.15	2.01	1.88	1.76	1.65	1.55	1.42	1.27	1.14	1.03	0.94	0.85	0.78	0.71
		SGU (L/300)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.21	2.94	2.71	2.50	2.32	2.01	1.75	1.53	1.34	1.19	1.06	0.94	0.85	0.76	0.69	0.62	0.57	0.52	0.47
0.75		SGN	7.56	6.72	6.05	5.50	5.04	4.65	4.32	3.99	3.64	3.33	3.07	2.83	2.62	2.44	2.27	2.12	1.99	1.86	1.75	1.65	1.56	1.47	1.40	1.32	1.26	1.20	1.14
	270.95	SGU (L/150)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	3.99	3.64	3.33	3.07	2.83	2.62	2.44	2.27	2.12	1.99	1.86	1.75	1.65	1.56	1.47	1.40	1.32	1.22	1.11	1.01
	292.62	SGU (L/200)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	3.99	3.64	3.33	3.07	2.83	2.62	2.44	2.27	2.12	1.99	1.86	1.70	1.52	1.36	1.23	1.11	1.00	0.91	0.83	0.76
		SGU (L/300)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	3.99	3.64	3.33	3.07	2.83	2.49	2.15	1.87	1.64	1.44	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.61	0.55	0.51
0.80		SGN	8.65	7.69	6.92	6.29	5.77	5.33	4.93	4.47	4.07	3.73	3.43	3.17	2.93	2.72	2.54	2.37	2.22	2.08	1.95	1.84	1.74	1.64	1.56	1.48	1.40	1.33	1.27
	294.37	SGU (L/150)	8.65	7.69	6.92	6.29	5.77	5.33	4.93	4.47	4.07	3.73	3.43	3.17	2.93	2.72	2.54	2.37	2.22	2.08	1.95	1.84	1.74	1.64	1.56	1.43	1.30	1.18	1.08
	315.54	SGU (L/200)	8.65	7.69	6.92	6.29	5.77	5.33	4.93	4.47	4.07	3.73	3.43	3.17	2.93	2.72	2.54	2.37	2.22	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
		SGU (L/300)	8.65	7.69	6.92	6.29	5.77	5.33	4.93	4.47	4.07	3.73	3.43	3.10	2.66	2.29	2.00	1.75	1.54	1.36	1.21	1.08	0.97	0.87	0.79	0.71	0.65	0.59	0.54
0.88		SGN	10.54	9.37	8.43	7.67	7.03	6.47	5.82	5.27	4.80	4.40	4.04	3.73	3.45	3.20	2.98	2.78	2.60	2.44	2.29	2.16	2.04	1.92	1.82	1.73	1.64	1.56	1.48
	329.14	SGU (L/150)	10.54	9.37	8.43	7.67	7.03	6.47	5.82	5.27	4.80	4.40	4.04	3.73	3.45	3.20	2.98	2.78	2.60	2.44	2.29	2.16	2.04	1.92	1.73	1.57	1.43	1.30	1.19
	349.27	SGU (L/200)	10.54	9.37	8.43	7.67	7.03	6.47	5.82	5.27	4.80	4.40	4.04	3.73	3.45	3.20	2.98	2.78	2.54	2.24	1.99	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
		SGU (L/300)	10.54	9.37	8.43	7.67	7.03	6.47	5.82	5.27	4.80	4.40	4.01	3.41	2.92	2.52	2.20	1.92	1.69	1.50	1.33	1.19	1.06	0.96	0.87	0.78	0.71	0.65	0.59
1.00		SGN	13.69	12.17	10.95	9.96	9.03	8.06	7.25	6.56	5.97	5.46	5.02	4.62	4.28	3.97	3.69	3.44	3.22	3.02	2.83	2.67	2.51	2.37	2.25	2.13	2.02	1.92	1.83
	378.89	SGU (L/150)	13.69	12.17	10.95	9.96	9.03	8.06	7.25	6.56	5.97	5.46	5.02	4.62	4.28	3.97	3.69	3.44	3.22	3.02	2.83	2.67	2.42	2.18	1.97	1.78	1.62	1.48	1.35
	400.01	SGU (L/200)	13.69	12.17	10.95	9.96	9.03	8.06	7.25	6.56	5.97	5.46	5.02	4.62	4.28	3.97	3.69	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01
		SGU (L/300)	13.69	12.17	10.95	9.96	9.03	8.06	7.25	6.56	5.97	5.41	4.55	3.87	3.32	2.87	2.49	2.18	1.92	1.70	1.51	1.35	1.21	1.09	0.98	0.89	0.81	0.74	0.68
1.10		SGN	16.61	14.76	13.29	11.96	10.58	9.44	8.48	7.67	6.97	6.37	5.84	5.38	4.98	4.62	4.29	4.00	3.74	3.50	3.29	3.09	2.91	2.75	2.60	2.47	2.34	2.22	2.11
	424.95	SGU (L/150)	16.61	14.76	13.29	11.96	10.58	9.44	8.48	7.67	6.97	6.37	5.84	5.38	4.98	4.62	4.29	4.00	3.74	3.50	3.29	2.97	2.66	2.40	2.16	1.96	1.78	1.63	1.49
	442.46	SGU (L/200)	16.61	14.76	13.29	11.96	10.58	9.44	8.48	7.67	6.97	6.37	5.84	5.38	4.98	4.62	4.12	3.60	3.17	2.80	2.49	2.23	2.00	1.80	1.62	1.47	1.34	1.22	1.11
		SGU (L/300)	16.61	14.76	13.29	11.96	10.58	9.44	8.48	7.67	6.97	5.95	5.01	4.26	3.65	3.15	2.74	2.40	2.11	1.87	1.66	1.48	1.33	1.20	1.08	0.98	0.89	0.81	0.74
1.20		SGN	19.79	17.59	15.78	13.81	12.21	10.88	9.77	8.82	8.01	7.32	6.71	6.18	5.70	5.28	4.91	4.57	4.27	4.00	3.75	3.53	3.32	3.14	2.96	2.81	2.66	2.53	2.40
	465.69	SGU (L/150)	19.79	17.59	15.78	13.81	12.21	10.88	9.77	8.82	8.01	7.32	6.71	6.18	5.70	5.28	4.91	4.57	4.27	4.00	3.63	3.24	2.90	2.61	2.36	2.14	1.95	1.77	1.62
	484.67	SGU (L/200)	19.79	17.59	15.78	13.81	12.21	10.88	9.77	8.82	8.01	7.32	6.71	6.18	5.70	5.16	4.49	3.93	3.46	3.06	2.72	2.43	2.18	1.96	1.77	1.60	1.46	1.33	1.22
		SGU (L/300)	19.79	17.59	15.78	13.81	12.21	10.88	9.77	8.82	7.78	6.49	5.46	4.65	3.98	3.44	2.99	2.62	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
1.25		SGN	21.47	19.09	16.88	14.76	13.04	11.62	10.43	9.42	8.55	7.80	7.15	6.58	6.08	5.63	5.23	4.87	4.55	4.26	3.99	3.75	3.53	3.34	3.15	2.98	2.83	2.69	2.56
	484.17	SGU (L/150)	21.47	19.09	16.88	14.76	13.04	11.62	10.43	9.42	8.55	7.80	7.15	6.58	6.08	5.63	5.23	4.87	4.55	4.25	3.78	3.37	3.02	2.72	2.46	2.23	2.03	1.85	1.69
	505.72	SGU (L/200)	21.47	19.09	16.88	14.76	13.04	11.62	10.43	9.42	8.55	7.80	7.15	6.58	6.08	5.38	4.68	4.09	3.60	3.19	2.83	2.53	2.27	2.04	1.84	1.67	1.52	1.39	1.27
		SGU (L/300)	21.47	19.09	16.88	14.76	13.04	11.62	10.43	9.42	8.11	6.76	5.69	4.84	4.15	3.58	3.12	2.73	2.40	2.12	1.89	1.69	1.51	1.36	1.23	1.11	1.01	0.92	0.84
1.50		SGN	30.86	26.35	22.73	19.84	17.49	15.55	13.93	12.55	11.38	10.37	9.49	8.73	8.05	7.44	6.90	6.42	5.99	5.60	5.25	4.93	4.64	4.38	4.13	3.91	3.71	3.52	3.34
	589.94	SGU (L/150)	30.86	26.35	22.73	19.84	17.49	15.55	13.93	12.55	11.38	10.37	9.49	8.73	8.05	7.44	6.90	6.42	5.76	5.10	4.53	4.05	3.63	3.27	2.95	2.67	2.43	2.22	2.03
	610.77	SGU (L/200)	30.86	26.35	22.73	19.84	17.49	15.55	13.93	12.55	11.38	10.37	9.49	8.71	7.47	6.45	5.61	4.91	4.32	3.82	3.40	3.04	2.72	2.45	2.21	2.01	1.82	1.66	1.52
		SGU (L/300)	30.86	26.35	22.73	19.84	17.49	15.55	13.93	11.80	9.73	8.11	6.83	5.81	4.98	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01

T135-930

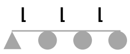
S320 GD



T135		The positive / The negative																											
Number of spans:		1	support 60 - 60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.90	1.82	1.74	1.67	1.61	1.55	1.49	1.40	1.31	1.23	1.15	1.08	1.02
	250.41	SGU (L/150)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73	0.66	0.60	0.55	0.50
	269.29	SGU (L/200)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.15	1.84	1.59	1.39	1.21	1.07	0.94	0.84	0.75	0.67	0.60	0.55	0.50	0.45	0.41	0.38
		SGU (L/300)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.40	2.00	1.69	1.43	1.23	1.06	0.92	0.81	0.71	0.63	0.56	0.50	0.45	0.40	0.36	0.33	0.30	0.27	0.25
0.75		SGN	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.30	2.20	2.10	2.02	1.94	1.86	1.79	1.68	1.56	1.46	1.37	1.28	1.21	1.14
	270.95	SGU (L/150)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
	292.62	SGU (L/200)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.30	1.98	1.71	1.48	1.30	1.14	1.01	0.90	0.80	0.72	0.65	0.59	0.53	0.48	0.44	0.40
		SGU (L/300)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.12	2.57	2.14	1.81	1.54	1.32	1.14	0.99	0.87	0.76	0.67	0.60	0.54	0.48	0.43	0.39	0.35	0.32	0.29	0.27
0.80		SGN	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.64	2.52	2.41	2.31	2.22	2.13	1.98	1.84	1.72	1.60	1.50	1.41	1.33	1.25
	294.37	SGU (L/150)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.43	2.11	1.85	1.63	1.44	1.28	1.14	1.02	0.92	0.83	0.75	0.69	0.63	0.57
	315.54	SGU (L/200)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
		SGU (L/300)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.33	2.74	2.29	1.93	1.64	1.40	1.21	1.06	0.92	0.81	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.34	0.31	0.29
0.88		SGN	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.37	3.21	3.07	2.93	2.81	2.66	2.46	2.28	2.12	1.98	1.85	1.73	1.62	1.53	1.44
	329.14	SGU (L/150)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.09	2.67	2.32	2.03	1.79	1.58	1.41	1.26	1.13	1.01	0.92	0.83	0.75	0.69	0.63
	349.27	SGU (L/200)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.77	3.18	2.70	2.32	2.00	1.74	1.52	1.34	1.19	1.05	0.94	0.84	0.76	0.69	0.62	0.57	0.52	0.47
		SGU (L/300)	8.43	7.50	6.75	6.13	5.62	5.19	4.50	3.66	3.02	2.52	2.12	1.80	1.54	1.33	1.16	1.02	0.89	0.79	0.70	0.63	0.56	0.51	0.46	0.41	0.38	0.34	0.31
1.00		SGN	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.87	4.61	4.38	4.17	3.98	3.80	3.49	3.22	2.98	2.76	2.57	2.39	2.23	2.09	1.96	1.85	1.74
	378.89	SGU (L/150)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.82	4.10	3.51	3.03	2.64	2.31	2.03	1.80	1.60	1.43	1.28	1.15	1.04	0.94	0.86	0.78	0.71
	400.01	SGU (L/200)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
		SGU (L/300)	10.95	9.74	8.76	7.97	7.30	6.39	5.12	4.16	3.43	2.86	2.41	2.05	1.76	1.52	1.32	1.15	1.02	0.90	0.80	0.71	0.64	0.58	0.52	0.47	0.43	0.39	0.36
1.10		SGN	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.91	5.59	5.31	5.06	4.79	4.38	4.02	3.71	3.43	3.18	2.95	2.75	2.57	2.41	2.26	2.13	2.00
	424.95	SGU (L/150)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.30	4.50	3.86	3.34	2.90	2.54	2.24	1.98	1.76	1.57	1.41	1.27	1.14	1.04	0.94	0.86	0.79
	442.46	SGU (L/200)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	6.87	5.66	4.72	3.97	3.38	2.90	2.50	2.18	1.90	1.68	1.48	1.32	1.18	1.06	0.95	0.86	0.78	0.71	0.64	0.59
		SGU (L/300)	13.29	11.81	10.63	9.66	8.86	7.03	5.63	4.58	3.77	3.14	2.65	2.25	1.93	1.67	1.45	1.27	1.12	0.99	0.88	0.78	0.70	0.63	0.57	0.52	0.47	0.43	0.39
1.20		SGN	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	7.45	7.03	6.66	6.33	5.90	5.38	4.92	4.52	4.16	3.85	3.57	3.32	3.09	2.89	2.71	2.54	2.39	2.25
	465.69	SGU (L/150)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	6.86	5.78	4.91	4.21	3.64	3.17	2.77	2.44	2.16	1.92	1.71	1.54	1.38	1.25	1.13	1.03	0.94	0.86
	484.67	SGU (L/200)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	7.49	6.17	5.15	4.33	3.69	3.16	2.73	2.37	2.08	1.83	1.62	1.44	1.28	1.15	1.04	0.94	0.85	0.77	0.70	0.64
		SGU (L/300)	15.83	14.07	12.66	11.51	9.75	7.67	6.14	4.99	4.11	3.43	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
1.25		SGN	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.59	8.08	7.63	7.23	6.87	6.23	5.68	5.19	4.77	4.39	4.06	3.77	3.50	3.27	3.05	2.86	2.68	2.52	2.38
	484.17	SGU (L/150)	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.57	7.15	6.02	5.12	4.39	3.79	3.30	2.89	2.54	2.25	2.00	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
	505.72	SGU (L/200)	17.18	15.27	13.74	12.49	11.45	10.57	9.60	7.80	6.43	5.36	4.52	3.84	3.29	2.84	2.47	2.16	1.91	1.69	1.50	1.34	1.20	1.08	0.98	0.88	0.80	0.73	0.67
		SGU (L/300)	17.18	15.27	13.74	12.49	10.16	7.99	6.40	5.20	4.29	3.57	3.01	2.56	2.19	1.90	1.65	1.44	1.27	1.12	1.00	0.89	0.80	0.72	0.65	0.59	0.54	0.49	0.45
1.50		SGN	24.69	21.94	19.75	17.95	16.46	15.19	14.11	13.17	12.34	11.62	10.79	9.68	8.74	7.92	7.22	6.61	6.07	5.59	5.17	4.79	4.46	4.16	3.88	3.64	3.41	3.21	3.02
	589.94	SGU (L/150)	24.69	21.94	19.75	17.95	16.46	15.19	14.11	12.48	10.29	8.58	7.22	6.14	5.27	4.55	3.96	3.46	3.05	2.70	2.40	2.14	1.92	1.73	1.56	1.41	1.29	1.17	1.07
	610.77	SGU (L/200)	24.69	21.94	19.75	17.95	16.46	14.38	11.52	9.36	7.72	6.43	5.42	4.61	3.95	3.41	2.97	2.60	2.29	2.02	1.80	1.61	1.44	1.30	1.17	1.06	0.96	0.88	0.80
		SGU (L/300)	24.69	21.94	19.75	15.83	12.19	9.59	7.68	6.24	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54



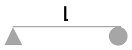
Number of spans:		2	support 60 - 100 -60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.98	6.20	5.51	4.84	4.28	3.82	3.44	3.11	2.83	2.59	2.37	2.19	2.02	1.87	1.74	1.63	1.52	1.42	1.34	1.26	1.19	1.12	1.06	1.00	0.95	0.91	0.86
	250.41	SGU (L/150)	6.98	6.20	5.51	4.84	4.28	3.82	3.44	3.11	2.83	2.59	2.37	2.19	2.02	1.87	1.74	1.63	1.52	1.42	1.34	1.26	1.19	1.12	1.06	1.00	0.95	0.91	0.86
	269.29	SGU (L/200)	6.98	6.20	5.51	4.84	4.28	3.82	3.44	3.11	2.83	2.59	2.37	2.19	2.02	1.87	1.74	1.63	1.52	1.42	1.34	1.26	1.19	1.12	1.06	1.00	0.95	0.91	0.86
		SGU (L/300)	6.98	6.20	5.51	4.84	4.28	3.82	3.44	3.11	2.83	2.59	2.37	2.19	2.02	1.87	1.74	1.63	1.52	1.42	1.34	1.20	1.08	0.97	0.88	0.79	0.72	0.66	0.60
0.75		SGN	8.07	7.17	6.26	5.49	4.86	4.33	3.89	3.52	3.20	2.93	2.69	2.47	2.28	2.12	1.97	1.84	1.72	1.61	1.51	1.42	1.34	1.26	1.19	1.13	1.07	1.02	0.97
	270.95	SGU (L/150)	8.07	7.17	6.26	5.49	4.86	4.33	3.89	3.52	3.20	2.93	2.69	2.47	2.28	2.12	1.97	1.84	1.72	1.61	1.51	1.42	1.34	1.26	1.19	1.13	1.07	1.02	0.97
	292.62	SGU (L/200)	8.07	7.17	6.26	5.49	4.86	4.33	3.89	3.52	3.20	2.93	2.69	2.47	2.28	2.12	1.97	1.84	1.72	1.61	1.51	1.42	1.34	1.26	1.19	1.13	1.07	1.02	0.97
		SGU (L/300)	8.07	7.17	6.26	5.49	4.86	4.33	3.89	3.52	3.20	2.93	2.69	2.47	2.28	2.12	1.97	1.84	1.72	1.61	1.44	1.29	1.15	1.04	0.94	0.85	0.77	0.70	0.64
0.80		SGN	9.23	8.10	7.02	6.15	5.44	4.85	4.36	3.94	3.58	3.27	3.00	2.76	2.55	2.36	2.19	2.05	1.91	1.79	1.68	1.58	1.49	1.41	1.33	1.26	1.19	1.13	1.08
	294.37	SGU (L/150)	9.23	8.10	7.02	6.15	5.44	4.85	4.36	3.94	3.58	3.27	3.00	2.76	2.55	2.36	2.19	2.05	1.91	1.79	1.68	1.58	1.49	1.41	1.33	1.26	1.19	1.13	1.08
	315.54	SGU (L/200)	9.23	8.10	7.02	6.15	5.44	4.85	4.36	3.94	3.58	3.27	3.00	2.76	2.55	2.36	2.19	2.05	1.91	1.79	1.68	1.58	1.49	1.41	1.33	1.26	1.19	1.13	1.03
		SGU (L/300)	9.23	8.10	7.02	6.15	5.44	4.85	4.36	3.94	3.58	3.27	3.00	2.76	2.55	2.36	2.19	2.05	1.91	1.73	1.54	1.37	1.23	1.11	1.00	0.91	0.82	0.75	0.69
0.88		SGN	11.24	9.58	8.29	7.26	6.41	5.72	5.13	4.63	4.21	3.84	3.52	3.24	2.99	2.77	2.57	2.40	2.24	2.10	1.97	1.85	1.74	1.64	1.55	1.47	1.39	1.32	1.26
	329.14	SGU (L/150)	11.24	9.58	8.29	7.26	6.41	5.72	5.13	4.63	4.21	3.84	3.52	3.24	2.99	2.77	2.57	2.40	2.24	2.10	1.97	1.85	1.74	1.64	1.55	1.47	1.39	1.32	1.26
	349.27	SGU (L/200)	11.24	9.58	8.29	7.26	6.41	5.72	5.13	4.63	4.21	3.84	3.52	3.24	2.99	2.77	2.57	2.40	2.24	2.10	1.97	1.85	1.74	1.64	1.55	1.47	1.36	1.24	1.13
		SGU (L/300)	11.24	9.58	8.29	7.26	6.41	5.72	5.13	4.63	4.21	3.84	3.52	3.24	2.99	2.77	2.57	2.40	2.15	1.90	1.69	1.51	1.35	1.22	1.10	1.00	0.91	0.83	0.76
1.00		SGN	14.07	11.98	10.35	9.04	7.98	7.10	6.37	5.74	5.22	4.76	4.36	4.01	3.70	3.42	3.18	2.96	2.76	2.58	2.42	2.28	2.14	2.02	1.91	1.81	1.71	1.63	1.55
	378.89	SGU (L/150)	14.07	11.98	10.35	9.04	7.98	7.10	6.37	5.74	5.22	4.76	4.36	4.01	3.70	3.42	3.18	2.96	2.76	2.58	2.42	2.28	2.14	2.02	1.91	1.81	1.71	1.63	1.55
	400.01	SGU (L/200)	14.07	11.98	10.35	9.04	7.98	7.10	6.37	5.74	5.22	4.76	4.36	4.01	3.70	3.42	3.18	2.96	2.76	2.58	2.42	2.28	2.14	2.02	1.88	1.70	1.55	1.41	1.29
		SGU (L/300)	14.07	11.98	10.35	9.04	7.98	7.10	6.37	5.74	5.22	4.76	4.36	4.01	3.70	3.42	3.17	2.78	2.44	2.16	1.92	1.72	1.54	1.38	1.25	1.13	1.03	0.94	0.86
1.10		SGN	16.53	14.06	12.12	10.58	9.33	8.29	7.43	6.70	6.07	5.53	5.06	4.66	4.29	3.97	3.68	3.43	3.20	2.99	2.80	2.63	2.48	2.34	2.21	2.09	1.98	1.88	1.78
	424.95	SGU (L/150)	16.53	14.06	12.12	10.58	9.33	8.29	7.43	6.70	6.07	5.53	5.06	4.66	4.29	3.97	3.68	3.43	3.20	2.99	2.80	2.63	2.48	2.34	2.21	2.09	1.98	1.88	1.78
	442.46	SGU (L/200)	16.53	14.06	12.12	10.58	9.33	8.29	7.43	6.70	6.07	5.53	5.06	4.66	4.29	3.97	3.68	3.43	3.20	2.99	2.80	2.63	2.48	2.29	2.06	1.87	1.70	1.55	1.42
		SGU (L/300)	16.53	14.06	12.12	10.58	9.33	8.29	7.43	6.70	6.07	5.53	5.06	4.66	4.29	3.97	3.49	3.05	2.69	2.38	2.11	1.89	1.69	1.52	1.38	1.25	1.13	1.03	0.95
1.20		SGN	19.11	16.22	13.98	12.18	10.73	9.53	8.53	7.68	6.96	6.34	5.80	5.32	4.90	4.53	4.20	3.91	3.64	3.41	3.19	3.00	2.82	2.66	2.51	2.37	2.25	2.13	2.02
	465.69	SGU (L/150)	19.11	16.22	13.98	12.18	10.73	9.53	8.53	7.68	6.96	6.34	5.80	5.32	4.90	4.53	4.20	3.91	3.64	3.41	3.19	3.00	2.82	2.66	2.51	2.37	2.25	2.13	2.02
	484.67	SGU (L/200)	19.11	16.22	13.98	12.18	10.73	9.53	8.53	7.68	6.96	6.34	5.80	5.32	4.90	4.53	4.20	3.91	3.64	3.41	3.19	3.00	2.77	2.49	2.25	2.04	1.86	1.69	1.55
		SGU (L/300)	19.11	16.22	13.98	12.18	10.73	9.53	8.53	7.68	6.96	6.34	5.80	5.32	4.90	4.38	3.81	3.33	2.93	2.59	2.31	2.06	1.85	1.66	1.50	1.36	1.24	1.13	1.03
1.25		SGN	20.44	17.34	14.93	13.01	11.45	10.17	9.10	8.19	7.42	6.75	6.18	5.67	5.22	4.82	4.47	4.16	3.88	3.62	3.39	3.18	3.00	2.82	2.66	2.52	2.39	2.26	2.15
	484.17	SGU (L/150)	20.44	17.34	14.93	13.01	11.45	10.17	9.10	8.19	7.42	6.75	6.18	5.67	5.22	4.82	4.47	4.16	3.88	3.62	3.39	3.18	3.00	2.82	2.66	2.52	2.39	2.26	2.15
	505.72	SGU (L/200)	20.44	17.34	14.93	13.01	11.45	10.17	9.10	8.19	7.42	6.75	6.18	5.67	5.22	4.82	4.47	4.16	3.88	3.62	3.39	3.18	2.89	2.60	2.35	2.13	1.93	1.76	1.61
		SGU (L/300)	20.44	17.34	14.93	13.01	11.45	10.17	9.10	8.19	7.42	6.75	6.18	5.67	5.22	4.56	3.97	3.47	3.05	2.70	2.40	2.15	1.92	1.73	1.56	1.42	1.29	1.17	1.07
1.50		SGN	27.52	23.28	20.00	17.39	15.27	13.53	12.09	10.86	9.82	8.93	8.16	7.48	6.88	6.35	5.88	5.46	5.08	4.75	4.44	4.17	3.92	3.69	3.48	3.29	3.11	2.95	2.80
	589.94	SGU (L/150)	27.52	23.28	20.00	17.39	15.27	13.53	12.09	10.86	9.82	8.93	8.16	7.48	6.88	6.35	5.88	5.46	5.08	4.75	4.44	4.17	3.92	3.69	3.48	3.29	3.09	2.82	2.58
	610.77	SGU (L/200)	27.52	23.28	20.00	17.39	15.27	13.53	12.09	10.86	9.82	8.93	8.16	7.48	6.88	6.35	5.88	5.46	5.08	4.75	4.32	3.86	3.46	3.12	2.81	2.55	2.32	2.11	1.93
		SGU (L/300)	27.52	23.28	20.00	17.39	15.27	13.53	12.09	10.86	9.82	8.93	8.16	7.39	6.33	5.47	4.76	4.16	3.67	3.24	2.88	2.57	2.31	2.08	1.88	1.70	1.55	1.41	1.29

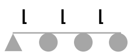


Number of spans:		3	support 60 - 100 -100 - 60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.83	2.61	2.42	2.24	2.09	1.95	1.82	1.71	1.61	1.51	1.43	1.35	1.28	1.21	1.15	1.09	1.04
	250.41	SGU (L/150)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.83	2.61	2.42	2.24	2.09	1.95	1.82	1.71	1.61	1.51	1.43	1.35	1.28	1.21	1.13	1.03	0.95
	269.29	SGU (L/200)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.83	2.61	2.42	2.24	2.09	1.95	1.82	1.71	1.59	1.42	1.27	1.14	1.03	0.94	0.85	0.78	0.71
		SGU (L/300)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.83	2.61	2.32	2.01	1.75	1.53	1.34	1.19	1.06	0.94	0.85	0.76	0.69	0.62	0.57	0.52	0.47
0.75		SGN	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.48	3.20	2.95	2.73	2.54	2.36	2.20	2.06	1.93	1.82	1.71	1.61	1.52	1.44	1.37	1.30	1.23	1.17
	270.95	SGU (L/150)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.48	3.20	2.95	2.73	2.54	2.36	2.20	2.06	1.93	1.82	1.71	1.61	1.52	1.44	1.34	1.22	1.11	1.01
	292.62	SGU (L/200)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.48	3.20	2.95	2.73	2.54	2.36	2.20	2.06	1.91	1.70	1.52	1.36	1.23	1.11	1.00	0.91	0.83	0.76
		SGU (L/300)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.48	3.20	2.90	2.49	2.15	1.87	1.64	1.44	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.61	0.55	0.51
0.80		SGN	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.26	3.89	3.58	3.30	3.05	2.83	2.63	2.46	2.30	2.15	2.02	1.90	1.80	1.70	1.61	1.52	1.44	1.37	1.31
	294.37	SGU (L/150)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.26	3.89	3.58	3.30	3.05	2.83	2.63	2.46	2.30	2.15	2.02	1.90	1.80	1.70	1.57	1.43	1.30	1.18	1.08
	315.54	SGU (L/200)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.26	3.89	3.58	3.30	3.05	2.83	2.63	2.46	2.30	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
		SGU (L/300)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.26	3.89	3.58	3.10	2.66	2.29	2.00	1.75	1.54	1.36	1.21	1.08	0.97	0.87	0.79	0.71	0.65	0.59	0.54
0.88		SGN	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.51	5.01	4.58	4.21	3.88	3.58	3.32	3.09	2.88	2.69	2.52	2.37	2.23	2.10	1.99	1.88	1.78	1.69	1.60	1.53
	329.14	SGU (L/150)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.51	5.01	4.58	4.21	3.88	3.58	3.32	3.09	2.88	2.69	2.52	2.37	2.23	2.10	1.92	1.73	1.57	1.43	1.30	1.19
	349.27	SGU (L/200)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.51	5.01	4.58	4.21	3.88	3.58	3.32	3.09	2.88	2.54	2.24	1.99	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
		SGU (L/300)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.51	5.01	4.58	4.01	3.41	2.92	2.52	2.20	1.92	1.69	1.50	1.33	1.19	1.06	0.96	0.87	0.78	0.71	0.65	0.59
1.00		SGN	13.69	12.17	10.95	9.96	9.13	8.43	7.57	6.84	6.22	5.68	5.21	4.80	4.44	4.11	3.82	3.56	3.33	3.11	2.92	2.75	2.59	2.44	2.31	2.19	2.08	1.97	1.88
	378.89	SGU (L/150)	13.69	12.17	10.95	9.96	9.13	8.43	7.57	6.84	6.22	5.68	5.21	4.80	4.44	4.11	3.82	3.56	3.33	3.11	2.92	2.70	2.42	2.18	1.97	1.78	1.62	1.48	1.35
	400.01	SGU (L/200)	13.69	12.17	10.95	9.96	9.13	8.43	7.57	6.84	6.22	5.68	5.21	4.80	4.44	4.11	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01
		SGU (L/300)	13.69	12.17	10.95	9.96	9.13	8.43	7.57	6.84	6.22	5.41	4.55	3.87	3.32	2.87	2.49	2.18	1.92	1.70	1.51	1.35	1.21	1.09	0.98	0.89	0.81	0.74	0.68
1.10		SGN	16.61	14.76	13.29	12.08	11.07	9.86	8.85	7.99	7.25	6.62	6.07	5.58	5.16	4.78	4.44	4.13	3.86	3.61	3.39	3.18	3.00	2.83	2.67	2.53	2.40	2.28	2.17
	424.95	SGU (L/150)	16.61	14.76	13.29	12.08	11.07	9.86	8.85	7.99	7.25	6.62	6.07	5.58	5.16	4.78	4.44	4.13	3.86	3.61	3.32	2.97	2.66	2.40	2.16	1.96	1.78	1.63	1.49
	442.46	SGU (L/200)	16.61	14.76	13.29	12.08	11.07	9.86	8.85	7.99	7.25	6.62	6.07	5.58	5.16	4.73	4.12	3.60	3.17	2.80	2.49	2.23	2.00	1.80	1.62	1.47	1.34	1.22	1.11
		SGU (L/300)	16.61	14.76	13.29	12.08	11.07	9.86	8.85	7.99	7.13	5.95	5.01	4.26	3.65	3.15	2.74	2.40	2.11	1.87	1.66	1.48	1.33	1.20	1.08	0.98	0.89	0.81	0.74
1.20		SGN	19.79	17.59	15.83	14.39	12.75	11.34	10.17	9.17	8.32	7.59	6.95	6.39	5.90	5.46	5.07	4.72	4.40	4.12	3.86	3.63	3.42	3.22	3.04	2.88	2.73	2.59	2.46
	465.69	SGU (L/150)	19.79	17.59	15.83	14.39	12.75	11.34	10.17	9.17	8.32	7.59	6.95	6.39	5.90	5.46	5.07	4.72	4.40	4.08	3.63	3.24	2.90	2.61	2.36	2.14	1.95	1.77	1.62
	484.67	SGU (L/200)	19.79	17.59	15.83	14.39	12.75	11.34	10.17	9.17	8.32	7.59	6.95	6.39	5.90	5.16	4.49	3.93	3.46	3.06	2.72	2.43	2.18	1.96	1.77	1.60	1.46	1.33	1.22
		SGU (L/300)	19.79	17.59	15.83	14.39	12.75	11.34	10.17	9.17	7.78	6.49	5.46	4.65	3.98	3.44	2.99	2.62	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
1.25		SGN	21.47	19.09	17.18	15.43	13.61	12.11	10.85	9.79	8.88	8.09	7.41	6.81	6.28	5.81	5.39	5.02	4.68	4.38	4.11	3.86	3.63	3.42	3.23	3.06	2.90	2.75	2.62
	484.17	SGU (L/150)	21.47	19.09	17.18	15.43	13.61	12.11	10.85	9.79	8.88	8.09	7.41	6.81	6.28	5.81	5.39	5.02	4.68	4.25	3.78	3.37	3.02	2.72	2.46	2.23	2.03	1.85	1.69
	505.72	SGU (L/200)	21.47	19.09	17.18	15.43	13.61	12.11	10.85	9.79	8.88	8.09	7.41	6.81	6.22	5.38	4.68	4.09	3.60	3.19	2.83	2.53	2.27	2.04	1.84	1.67	1.52	1.39	1.27
		SGU (L/300)	21.47	19.09	17.18	15.43	13.61	12.11	10.85	9.79	8.11	6.76	5.69	4.84	4.15	3.58	3.12	2.73	2.40	2.12	1.89	1.69	1.51	1.36	1.23	1.11	1.01	0.92	0.84
1.50		SGN	30.86	27.43	23.72	20.67	18.19	16.15	14.45	13.01	11.78	10.72	9.80	9.00	8.29	7.66	7.10	6.60	6.16	5.75	5.39	5.06	4.76	4.48	4.23	4.00	3.79	3.59	3.41
	589.94	SGU (L/150)	30.86	27.43	23.72	20.67	18.19	16.15	14.45	13.01	11.78	10.72	9.80	9.00	8.29	7.66	7.10	6.55	5.76	5.10	4.53	4.05	3.63	3.27	2.95	2.67	2.43	2.22	2.03
	610.77	SGU (L/200)	30.86	27.43	23.72	20.67	18.19	16.15	14.45	13.01	11.78	10.72	9.80	8.71	7.47	6.45	5.61	4.91	4.32	3.82	3.40	3.04	2.72	2.45	2.21	2.01	1.82	1.66	1.52
		SGU (L/300)	30.86	27.43	23.72	20.67	18.19	16.15	14.45	11.80	9.73	8.11	6.83	5.81	4.98	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01

T135-930

S320 GD

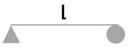


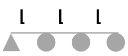


T135		The positive / The negative																											
Number of spans:		1	support 60 - 60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.90	1.82	1.74	1.67	1.61	1.55	1.49	1.40	1.31	1.23	1.15	1.08	1.02
	250.41	SGU (L/150)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73	0.66	0.60	0.55	0.50
	269.29	SGU (L/200)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.15	1.84	1.59	1.39	1.21	1.07	0.94	0.84	0.75	0.67	0.60	0.55	0.50	0.45	0.41	0.38
		SGU (L/300)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.40	2.00	1.69	1.43	1.23	1.06	0.92	0.81	0.71	0.63	0.56	0.50	0.45	0.40	0.36	0.33	0.30	0.27	0.25
0.75		SGN	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.30	2.20	2.10	2.02	1.94	1.86	1.79	1.68	1.56	1.46	1.37	1.28	1.21	1.14
	270.95	SGU (L/150)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
	292.62	SGU (L/200)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.30	1.98	1.71	1.48	1.30	1.14	1.01	0.90	0.80	0.72	0.65	0.59	0.53	0.48	0.44	0.40
		SGU (L/300)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.12	2.57	2.14	1.81	1.54	1.32	1.14	0.99	0.87	0.76	0.67	0.60	0.54	0.48	0.43	0.39	0.35	0.32	0.29	0.27
0.80		SGN	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.64	2.52	2.41	2.31	2.22	2.13	1.98	1.84	1.72	1.60	1.50	1.41	1.33	1.25
	294.37	SGU (L/150)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.43	2.11	1.85	1.63	1.44	1.28	1.14	1.02	0.92	0.83	0.75	0.69	0.63	0.57
	315.54	SGU (L/200)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
		SGU (L/300)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.33	2.74	2.29	1.93	1.64	1.40	1.21	1.06	0.92	0.81	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.34	0.31	0.29
0.88		SGN	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.37	3.21	3.07	2.93	2.81	2.66	2.46	2.28	2.12	1.98	1.85	1.73	1.62	1.53	1.44
	329.14	SGU (L/150)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.09	2.67	2.32	2.03	1.79	1.58	1.41	1.26	1.13	1.01	0.92	0.83	0.75	0.69	0.63
	349.27	SGU (L/200)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.77	3.18	2.70	2.32	2.00	1.74	1.52	1.34	1.19	1.05	0.94	0.84	0.76	0.69	0.62	0.57	0.52	0.47
		SGU (L/300)	8.43	7.50	6.75	6.13	5.62	5.19	4.50	3.66	3.02	2.52	2.12	1.80	1.54	1.33	1.16	1.02	0.89	0.79	0.70	0.63	0.56	0.51	0.46	0.41	0.38	0.34	0.31
1.00		SGN	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.87	4.61	4.38	4.17	3.98	3.80	3.49	3.22	2.98	2.76	2.57	2.39	2.23	2.09	1.96	1.85	1.74
	378.89	SGU (L/150)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.82	4.10	3.51	3.03	2.64	2.31	2.03	1.80	1.60	1.43	1.28	1.15	1.04	0.94	0.86	0.78	0.71
	400.01	SGU (L/200)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
		SGU (L/300)	10.95	9.74	8.76	7.97	7.30	6.39	5.12	4.16	3.43	2.86	2.41	2.05	1.76	1.52	1.32	1.15	1.02	0.90	0.80	0.71	0.64	0.58	0.52	0.47	0.43	0.39	0.36
1.10		SGN	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.91	5.59	5.31	5.06	4.79	4.38	4.02	3.71	3.43	3.18	2.95	2.75	2.57	2.41	2.26	2.13	2.00
	424.95	SGU (L/150)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.30	4.50	3.86	3.34	2.90	2.54	2.24	1.98	1.76	1.57	1.41	1.27	1.14	1.04	0.94	0.86	0.79
	442.46	SGU (L/200)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	6.87	5.66	4.72	3.97	3.38	2.90	2.50	2.18	1.90	1.68	1.48	1.32	1.18	1.06	0.95	0.86	0.78	0.71	0.64	0.59
		SGU (L/300)	13.29	11.81	10.63	9.66	8.86	7.03	5.63	4.58	3.77	3.14	2.65	2.25	1.93	1.67	1.45	1.27	1.12	0.99	0.88	0.78	0.70	0.63	0.57	0.52	0.47	0.43	0.39
1.20		SGN	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	7.45	7.03	6.66	6.33	5.90	5.38	4.92	4.52	4.16	3.85	3.57	3.32	3.09	2.89	2.71	2.54	2.39	2.25
	465.69	SGU (L/150)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	6.86	5.78	4.91	4.21	3.64	3.17	2.77	2.44	2.16	1.92	1.71	1.54	1.38	1.25	1.13	1.03	0.94	0.86
	484.67	SGU (L/200)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	7.49	6.17	5.15	4.33	3.69	3.16	2.73	2.37	2.08	1.83	1.62	1.44	1.28	1.15	1.04	0.94	0.85	0.77	0.70	0.64
		SGU (L/300)	15.83	14.07	12.66	11.51	9.75	7.67	6.14	4.99	4.11	3.43	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
1.25		SGN	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.59	8.08	7.63	7.23	6.87	6.23	5.68	5.19	4.77	4.39	4.06	3.77	3.50	3.27	3.05	2.86	2.68	2.52	2.38
	484.17	SGU (L/150)	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.57	7.15	6.02	5.12	4.39	3.79	3.30	2.89	2.54	2.25	2.00	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
	505.72	SGU (L/200)	17.18	15.27	13.74	12.49	11.45	10.57	9.60	7.80	6.43	5.36	4.52	3.84	3.29	2.84	2.47	2.16	1.91	1.69	1.50	1.34	1.20	1.08	0.98	0.88	0.80	0.73	0.67
		SGU (L/300)	17.18	15.27	13.74	12.49	10.16	7.99	6.40	5.20	4.29	3.57	3.01	2.56	2.19	1.90	1.65	1.44	1.27	1.12	1.00	0.89	0.80	0.72	0.65	0.59	0.54	0.49	0.45
1.50		SGN	24.69	21.94	19.75	17.95	16.46	15.19	14.11	13.17	12.34	11.62	10.79	9.68	8.74	7.92	7.22	6.61	6.07	5.59	5.17	4.79	4.46	4.16	3.88	3.64	3.41	3.21	3.02
	589.94	SGU (L/150)	24.69	21.94	19.75	17.95	16.46	15.19	14.11	12.48	10.29	8.58	7.22	6.14	5.27	4.55	3.96	3.46	3.05	2.70	2.40	2.14	1.92	1.73	1.56	1.41	1.29	1.17	1.07
	610.77	SGU (L/200)	24.69	21.94	19.75	17.95	16.46	14.38	11.52	9.36	7.72	6.43	5.42	4.61	3.95	3.41	2.97	2.60	2.29	2.02	1.80	1.61	1.44	1.30	1.17	1.06	0.96	0.88	0.80
		SGU (L/300)	24.69	21.94	19.75	15.83	12.19	9.59	7.68	6.24	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
Number of spans:		2	support 60 - 140 -60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.98	6.20	5.58	5.07	4.61	4.11	3.69	3.33	3.02	2.75	2.52	2.32	2.14	1.98	1.84	1.71	1.60	1.50	1.40	1.32	1.24	1.17	1.11	1.05	0.99	0.94	0.90
	250.41	SGU (L/150)	6.98	6.20	5.58	5.07	4.61	4.11	3.69	3.33	3.02	2.75	2.52	2.32	2.14	1.98	1.84	1.71	1.60	1.50	1.40	1.32	1.24	1.17	1.11	1.05	0.99	0.94	0.90
	269.29	SGU (L/200)	6.98	6.20	5.58	5.07	4.61	4.11	3.69	3.33	3.02	2.75	2.52	2.32	2.14	1.98	1.84	1.71	1.60	1.50	1.40	1.32	1.24	1.17	1.11	1.05	0.99	0.94	0.90
		SGU (L/300)	6.98	6.20	5.58	5.07	4.61	4.11	3.69	3.33	3.02	2.75	2.52	2.32	2.14	1.98	1.84	1.71	1.60	1.50	1.35	1.20	1.08	0.97	0.88	0.79	0.72	0.66	0.60
0.75		SGN	8.07	7.17	6.45	5.87	5.22	4.65	4.17	3.76	3.41	3.11	2.85	2.62	2.42	2.24	2.08	1.93	1.81	1.69	1.58	1.49	1.40	1.32	1.25	1.18	1.12	1.06	1.01
	270.95	SGU (L/150)	8.07	7.17	6.45	5.87	5.22	4.65	4.17	3.76	3.41	3.11	2.85	2.62	2.42	2.24	2.08	1.93	1.81	1.69	1.58	1.49	1.40	1.32	1.25	1.18	1.12	1.06	1.01
	292.62	SGU (L/200)	8.07	7.17	6.45	5.87	5.22	4.65	4.17	3.76	3.41	3.11	2.85	2.62	2.42	2.24	2.08	1.93	1.81	1.69	1.58	1.49	1.40	1.32	1.25	1.18	1.12	1.06	0.97
		SGU (L/300)	8.07	7.17	6.45	5.87	5.22	4.65	4.17	3.76	3.41	3.11	2.85	2.62	2.42	2.24	2.08	1.93	1.81	1.62	1.44	1.29	1.15	1.04	0.94	0.85	0.77	0.70	0.64
0.80		SGN	9.23	8.21	7.39	6.62	5.84	5.20	4.66	4.20	3.81	3.47	3.18	2.92	2.69	2.49	2.31	2.15	2.01	1.88	1.76	1.65	1.56	1.47	1.39	1.31	1.24	1.18	1.12
	294.37	SGU (L/150)	9.23	8.21	7.39	6.62	5.84	5.20	4.66	4.20	3.81	3.47	3.18	2.92	2.69	2.49	2.31	2.15	2.01	1.88	1.76	1.65	1.56	1.47	1.39	1.31	1.24	1.18	1.12
	315.54	SGU (L/200)	9.23	8.21	7.39	6.62	5.84	5.20	4.66	4.20	3.81	3.47	3.18	2.92	2.69	2.49	2.31	2.15	2.01	1.88	1.76	1.65	1.56	1.47	1.39	1.31	1.24	1.13	1.03
		SGU (L/300)	9.23	8.21	7.39	6.62	5.84	5.20	4.66	4.20	3.81	3.47	3.18	2.92	2.69	2.49	2.31	2.15	1.95	1.73	1.54	1.37	1.23	1.11	1.00	0.91	0.82	0.75	0.69
0.88		SGN	11.24	9.99	8.93	7.80	6.88	6.11	5.47	4.93	4.47	4.07	3.73	3.42	3.16	2.92	2.71	2.52	2.35	2.20	2.06	1.93	1.82	1.71	1.62	1.53	1.45	1.38	1.31
	329.14	SGU (L/150)	11.24	9.99	8.93	7.80	6.88	6.11	5.47	4.93	4.47	4.07	3.73	3.42	3.16	2.92	2.71	2.52	2.35	2.20	2.06	1.93	1.82	1.71	1.62	1.53	1.45	1.38	1.31
	349.27	SGU (L/200)	11.24	9.99	8.93	7.80	6.88	6.11	5.47	4.93	4.47	4.07	3.73	3.42	3.16	2.92	2.71	2.52	2.35	2.20	2.06	1.93	1.82	1.71	1.62	1.50	1.36	1.24	1.13
		SGU (L/300)	11.24	9.99	8.93	7.80	6.88	6.11	5.47	4.93	4.47	4.07	3.73	3.42	3.16	2.92	2.71	2.44	2.15	1.90	1.69	1.51	1.35	1.22	1.10	1.00	0.91	0.83	0.76
1.00		SGN	14.61	12.92	11.12	9.69	8.53	7.57	6.77	6.10	5.53	5.03	4.60	4.23	3.89	3.60	3.33	3.10	2.89	2.70	2.53	2.37	2.23	2.10	1.99	1.88	1.78	1.69	1.60
	378.89	SGU (L/150)	14.61	12.92	11.12	9.69	8.53	7.57	6.77	6.10	5.53	5.03	4.60	4.23	3.89	3.60	3.33	3.10	2.89	2.70	2.53	2.37	2.23	2.10	1.99	1.88	1.78	1.69	1.60
	400.01	SGU (L/200)	14.61	12.92	11.12	9.69	8.53	7.57	6.77	6.10	5.53	5.03	4.60	4.23	3.89	3.60	3.33	3.10	2.89	2.70	2.53	2.37	2.23	2.08	1.88	1.70	1.55	1.41	1.29
		SGU (L/300)	14.61	12.92	11.12	9.69	8.53	7.57	6.77	6.10	5.53	5.03	4.60	4.23	3.89	3.60	3.17	2.78	2.44	2.16	1.92	1.72	1.54	1.39	1.25	1.13	1.03	0.94	0.86
1.10		SGN	17.72	15.12	13.00	11.31	9.95	8.82	7.88	7.09	6.42	5.84	5.34	4.90	4.51	4.17	3.86	3.59	3.34	3.12	2.92	2.74	2.58	2.43	2.29	2.17	2.05	1.94	1.85
	424.95	SGU (L/150)	17.72	15.12	13.00	11.31	9.95	8.82	7.88	7.09	6.42	5.84	5.34	4.90	4.51	4.17	3.86	3.59	3.34	3.12	2.92	2.74	2.58	2.43	2.29	2.17	2.05	1.94	1.85
	442.46	SGU (L/200)	17.72	15.12	13.00	11.31	9.95	8.82	7.88	7.09	6.42	5.84	5.34	4.90	4.51	4.17	3.86	3.59	3.34	3.12	2.92	2.74	2.54	2.29	2.06	1.87	1.70	1.55	1.42
		SGU (L/300)	17.72	15.12	13.00	11.31	9.95	8.82	7.88	7.09	6.42	5.84	5.34	4.90	4.51	4.01	3.49	3.05	2.69	2.38	2.11	1.89	1.69	1.52	1.38	1.25	1.13	1.03	0.95
1.20		SGN	20.58	17.41	14.95	13.00	11.42	10.12	9.03	8.12	7.34	6.67	6.10	5.59	5.14	4.74	4.39	4.08	3.80	3.55	3.32	3.11	2.93	2.76	2.60	2.46	2.32	2.20	2.09
	465.69	SGU (L/150)	20.58	17.41	14.95	13.00	11.42	10.12	9.03	8.12	7.34	6.67	6.10	5.59	5.14	4.74	4.39	4.08	3.80	3.55	3.32	3.11	2.93	2.76	2.60	2.46	2.32	2.20	2.06
	484.67	SGU (L/200)	20.58	17.41	14.95	13.00	11.42	10.12	9.03	8.12	7.34	6.67	6.10	5.59	5.14	4.74	4.39	4.08	3.80	3.55	3.32	3.09	2.77	2.49	2.25	2.04	1.86	1.69	1.55
		SGU (L/300)	20.58	17.41	14.95	13.00	11.42	10.12	9.03	8.12	7.34	6.67	6.10	5.59	5.07	4.38	3.81	3.33	2.93	2.59	2.31	2.06	1.85	1.66	1.50	1.36	1.24	1.13	1.03
1.25		SGN	21.99	18.59	15.96	13.87	12.17	10.78	9.63	8.65	7.82	7.10	6.49	5.94	5.47	5.04	4.67	4.34	4.04	3.77	3.53	3.31	3.11	2.93	2.76	2.61	2.47	2.34	2.22
	484.17	SGU (L/150)	21.99	18.59	15.96	13.87	12.17	10.78	9.63	8.65	7.82	7.10	6.49	5.94	5.47	5.04	4.67	4.34	4.04	3.77	3.53	3.31	3.11	2.93	2.76	2.61	2.47	2.34	2.15
	505.72	SGU (L/200)	21.99	18.59	15.96	13.87	12.17	10.78	9.63	8.65	7.82	7.10	6.49	5.94	5.47	5.04	4.67	4.34	4.04	3.77	3.53	3.22	2.89	2.60	2.35	2.13	1.93	1.76	1.61
		SGU (L/300)	21.99	18.59	15.96	13.87	12.17	10.78	9.63	8.65	7.82	7.10	6.49	5.94	5.28	4.56	3.97	3.47	3.05	2.70	2.40	2.15	1.92	1.73	1.56	1.42	1.29	1.17	1.07
1.50		SGN	29.46	24.85	21.27	18.44	16.16	14.29	12.73	11.42	10.31	9.36	8.53	7.81	7.17	6.61	6.12	5.67	5.28	4.92	4.60	4.31	4.05	3.81	3.59	3.39	3.21	3.04	2.88
	589.94	SGU (L/150)	29.46	24.85	21.27	18.44	16.16	14.29	12.73	11.42	10.31	9.36	8.53	7.81	7.17	6.61	6.12	5.67	5.28	4.92	4.60	4.31	4.05	3.81	3.59	3.39	3.09	2.82	2.58
	610.77	SGU (L/200)	29.46	24.85	21.27	18.44	16.16	14.29	12.73	11.42	10.31	9.36	8.53	7.81	7.17	6.61	6.12	5.67	5.28	4.86	4.32	3.86	3.46	3.12	2.81	2.55	2.32	2.11	1.93
		SGU (L/300)	29.46	24.85	21.27	18.44	16.16	14.29	12.73	11.42	10.31	9.36	8.53	7.39	6.33	5.47	4.76	4.16	3.67	3.24	2.88	2.57	2.31	2.08	1.88	1.70	1.55	1.41	1.29
Number of spans:		3	support 60 - 140 -140 - 60																										
Thickness	*Jx [cm4]*	Case	*2.00*	*2.25*	*2.50*	*2.75*	*3.00*	*3.25*	*3.50*	*3.75*	*4.00*	*4.25*	*4.50*	*4.75*	*5.00*	*5.25*	*5.50*	*5.75*	*6.00*	*6.25*	*6.50*	*6.75*	*7.00*	*7.25*	*7.50*	*7.75*	*8.00*	*8.25*	*8.50*
0.70	min/max	SGN	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.57	2.38	2.21	2.06	1.93	1.81	1.70	1.59	1.50	1.42	1.34	1.27	1.21	1.15	1.09
	250.41	SGU (L/150)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.57	2.38	2.21	2.06	1.93	1.81	1.70	1.59	1.50	1.42	1.34	1.25	1.13	1.03	0.95
	269.29	SGU (L/200)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.57	2.38	2.21	2.06	1.93	1.78	1.59	1.42	1.27	1.14	1.03	0.94	0.85	0.78	0.71
		SGU (L/300)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.71	2.32	2.01	1.75	1.53	1.34	1.19	1.06	0.94	0.85	0.76	0.69	0.62	0.57	0.52	0.47
0.75		SGN	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.14	2.90	2.69	2.50	2.33	2.18	2.04	1.91	1.80	1.69	1.60	1.51	1.43	1.36	1.29	1.23
	270.95	SGU (L/150)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.14	2.90	2.69	2.50	2.33	2.18	2.04	1.91	1.80	1.69	1.60	1.48	1.34	1.22	1.11	1.01
	292.62	SGU (L/200)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.14	2.90	2.69	2.50	2.33	2.16	1.91	1.70	1.52	1.36	1.23	1.11	1.00	0.91	0.83	0.76
		SGU (L/300)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	2.90	2.49	2.15	1.87	1.64	1.44	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.61	0.55	0.51
0.80		SGN	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.81	3.50	3.24	3.00	2.78	2.59	2.42	2.27	2.13	2.00	1.88	1.78	1.68	1.59	1.51	1.43	1.36
	294.37	SGU (L/150)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.81	3.50	3.24	3.00	2.78	2.59	2.42	2.27	2.13	2.00	1.88	1.74	1.57	1.43	1.30	1.18	1.08
	315.54	SGU (L/200)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.81	3.50	3.24	3.00	2.78	2.59	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
		SGU (L/300)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.64	3.10	2.66	2.29	2.00	1.75	1.54	1.36	1.21	1.08	0.97	0.87	0.79	0.71	0.65	0.59	0.54
0.88		SGN	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.87	4.47	4.11	3.79	3.51	3.26	3.04	2.83	2.65	2.49	2.34	2.20	2.08	1.96	1.86	1.76	1.67	1.59
	329.14	SGU (L/150)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.87	4.47	4.11	3.79	3.51	3.26	3.04	2.83	2.65	2.49	2.34	2.13	1.92	1.73	1.57	1.43	1.30	1.19
	349.27	SGU (L/200)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.87	4.47	4.11	3.79	3.51	3.26	2.88	2.54	2.24	1.99	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
		SGU (L/300)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.76	4.01	3.41	2.92	2.52	2.20	1.92	1.69	1.50	1.33	1.19	1.06	0.96	0.87	0.78	0.71	0.65	0.59
1.00		SGN	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.29	6.61	6.03	5.52	5.08	4.68	4.33	4.02	3.74	3.49	3.26	3.06	2.87	2.71	2.55	2.41	2.28	2.16	2.05	1.95
	378.89	SGU (L/150)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.29	6.61	6.03	5.52	5.08	4.68	4.33	4.02	3.74	3.49	3.26	3.02	2.70	2.42	2.18	1.97	1.78	1.62	1.48	1.35
	400.01	SGU (L/200)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.29	6.61	6.03	5.52	5.08	4.68	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01
		SGU (L/300)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.29	6.48	5.41	4.55	3.87	3.32	2.87	2.49	2.18	1.92	1.70	1.51	1.35	1.21	1.09	0.98	0.89	0.81	0.74	0.68
1.10		SGN	16.61	14.76	13.29	12.08	11.07	10.22	9.42	8.48	7.69	7.00	6.41	5.89	5.43	5.02	4.66	4.33	4.04	3.78	3.54	3.32	3.13	2.95	2.78	2.63	2.49	2.37	2.25
	424.95	SGU (L/150)	16.61	14.76	13.29	12.08	11.07	10.22	9.42	8.48	7.69	7.00	6.41	5.89	5.43	5.02	4.66	4.33	4.04	3.74	3.32	2.97	2.66	2.40	2.16	1.96	1.78	1.63	1.49
	442.46	SGU (L/200)	16.61	14.76	13.29	12.08	11.07	10.22	9.42	8.48	7.69	7.00	6.41	5.89	5.43	4.73	4.12	3.60	3.17	2.80	2.49	2.23	2.00	1.80	1.62	1.47	1.34	1.22	1.11
		SGU (L/300)	16.61	14.76	13.29	12.08	11.07	10.22	9.42	8.48	7.13	5.95	5.01	4.26	3.65	3.15	2.74	2.40	2.11	1.87	1.66	1.48	1.33	1.20	1.08	0.98	0.89	0.81	0.74
1.20		SGN	19.79	17.59	15.83	14.39	13.19	12.08	10.80	9.72	8.81	8.01	7.33	6.73	6.20	5.73	5.31	4.94	4.60	4.30	4.03	3.78	3.56	3.35	3.16	2.99	2.83	2.69	2.55
	465.69	SGU (L/150)	19.79	17.59	15.83	14.39	13.19	12.08	10.80	9.72	8.81	8.01	7.33	6.73	6.20	5.73	5.31	4.94	4.60	4.08	3.63	3.24	2.90	2.61	2.36	2.14	1.95	1.77	1.62
	484.67	SGU (L/200)	19.79	17.59	15.83	14.39	13.19	12.08	10.80	9.72	8.81	8.01	7.33	6.73	5.98	5.16	4.49	3.93	3.46	3.06	2.72	2.43	2.18	1.96	1.77	1.60	1.46	1.33	1.22
		SGU (L/300)	19.79	17.59	15.83	14.39	13.19	12.08	10.80	9.44	7.78	6.49	5.46	4.65	3.98	3.44	2.99	2.62	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
1.25		SGN	21.47	19.09	17.18	15.62	14.31	12.88	11.51	10.36	9.38	8.54	7.80	7.16	6.60	6.09	5.65	5.25	4.89	4.57	4.28	4.02	3.78	3.56	3.36	3.17	3.01	2.85	2.71
	484.17	SGU (L/150)	21.47	19.09	17.18	15.62	14.31	12.88	11.51	10.36	9.38	8.54	7.80	7.16	6.60	6.09	5.65	5.25	4.80	4.25	3.78	3.37	3.02	2.72	2.46	2.23	2.03	1.85	1.69
	505.72	SGU (L/200)	21.47	19.09	17.18	15.62	14.31	12.88	11.51	10.36	9.38	8.54	7.80	7.16	6.22	5.38	4.68	4.09	3.60	3.19	2.83	2.53	2.27	2.04	1.84	1.67	1.52	1.39	1.27
		SGU (L/300)	21.47	19.09	17.18	15.62	14.31	12.88	11.51	9.84	8.11	6.76	5.69	4.84	4.15	3.58	3.12	2.73	2.40	2.12	1.89	1.69	1.51	1.36	1.23	1.11	1.01	0.92	0.84
1.50		SGN	30.86	27.43	24.69	21.99	19.31	17.10	15.26	13.72	12.40	11.26	10.28	9.43	8.67	8.00	7.41	6.88	6.41	5.98	5.60	5.25	4.93	4.64	4.38	4.14	3.91	3.71	3.52
	589.94	SGU (L/150)	30.86	27.43	24.69	21.99	19.31	17.10	15.26	13.72	12.40	11.26	10.28	9.43	8.67	8.00	7.41	6.55	5.76	5.10	4.53	4.05	3.63	3.27	2.95	2.67	2.43	2.22	2.03
	610.77	SGU (L/200)	30.86	27.43	24.69	21.99	19.31	17.10	15.26	13.72	12.40	11.26	10.25	8.71	7.47	6.45	5.61	4.91	4.32	3.82	3.40	3.04	2.72	2.45	2.21	2.01	1.82	1.66	1.52
		SGU (L/300)	30.86	27.43	24.69	21.99	19.31	17.10	14.52	11.80	9.73	8.11	6.83	5.81	4.98	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01

T135-930

S320 GD





T135		The positive / The negative																											
Number of spans:		1	support 60 - 60																										
Thickness	Jx [cm4]	Case	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50
0.70	min/max	SGN	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.90	1.82	1.74	1.67	1.61	1.55	1.49	1.40	1.31	1.23	1.15	1.08	1.02
	250.41	SGU (L/150)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.20	2.09	1.99	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73	0.66	0.60	0.55	0.50
	269.29	SGU (L/200)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.62	2.46	2.33	2.15	1.84	1.59	1.39	1.21	1.07	0.94	0.84	0.75	0.67	0.60	0.55	0.50	0.45	0.41	0.38
		SGU (L/300)	5.23	4.65	4.19	3.80	3.49	3.22	2.99	2.79	2.40	2.00	1.69	1.43	1.23	1.06	0.92	0.81	0.71	0.63	0.56	0.50	0.45	0.40	0.36	0.33	0.30	0.27	0.25
0.75		SGN	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.30	2.20	2.10	2.02	1.94	1.86	1.79	1.68	1.56	1.46	1.37	1.28	1.21	1.14
	270.95	SGU (L/150)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
	292.62	SGU (L/200)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.23	3.03	2.85	2.69	2.30	1.98	1.71	1.48	1.30	1.14	1.01	0.90	0.80	0.72	0.65	0.59	0.53	0.48	0.44	0.40
		SGU (L/300)	6.05	5.38	4.84	4.40	4.03	3.72	3.46	3.12	2.57	2.14	1.81	1.54	1.32	1.14	0.99	0.87	0.76	0.67	0.60	0.54	0.48	0.43	0.39	0.35	0.32	0.29	0.27
0.80		SGN	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.64	2.52	2.41	2.31	2.22	2.13	1.98	1.84	1.72	1.60	1.50	1.41	1.33	1.25
	294.37	SGU (L/150)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	3.08	2.92	2.77	2.43	2.11	1.85	1.63	1.44	1.28	1.14	1.02	0.92	0.83	0.75	0.69	0.63	0.57
	315.54	SGU (L/200)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.69	3.46	3.26	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
		SGU (L/300)	6.92	6.15	5.54	5.04	4.62	4.26	3.96	3.33	2.74	2.29	1.93	1.64	1.40	1.21	1.06	0.92	0.81	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.34	0.31	0.29
0.88		SGN	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.37	3.21	3.07	2.93	2.81	2.66	2.46	2.28	2.12	1.98	1.85	1.73	1.62	1.53	1.44
	329.14	SGU (L/150)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.97	3.75	3.55	3.09	2.67	2.32	2.03	1.79	1.58	1.41	1.26	1.13	1.01	0.92	0.83	0.75	0.69	0.63
	349.27	SGU (L/200)	8.43	7.50	6.75	6.13	5.62	5.19	4.82	4.50	4.22	3.77	3.18	2.70	2.32	2.00	1.74	1.52	1.34	1.19	1.05	0.94	0.84	0.76	0.69	0.62	0.57	0.52	0.47
		SGU (L/300)	8.43	7.50	6.75	6.13	5.62	5.19	4.50	3.66	3.02	2.52	2.12	1.80	1.54	1.33	1.16	1.02	0.89	0.79	0.70	0.63	0.56	0.51	0.46	0.41	0.38	0.34	0.31
1.00		SGN	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.87	4.61	4.38	4.17	3.98	3.80	3.49	3.22	2.98	2.76	2.57	2.39	2.23	2.09	1.96	1.85	1.74
	378.89	SGU (L/150)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.48	5.15	4.82	4.10	3.51	3.03	2.64	2.31	2.03	1.80	1.60	1.43	1.28	1.15	1.04	0.94	0.86	0.78	0.71
	400.01	SGU (L/200)	10.95	9.74	8.76	7.97	7.30	6.74	6.26	5.84	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
		SGU (L/300)	10.95	9.74	8.76	7.97	7.30	6.39	5.12	4.16	3.43	2.86	2.41	2.05	1.76	1.52	1.32	1.15	1.02	0.90	0.80	0.71	0.64	0.58	0.52	0.47	0.43	0.39	0.36
1.10		SGN	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.91	5.59	5.31	5.06	4.79	4.38	4.02	3.71	3.43	3.18	2.95	2.75	2.57	2.41	2.26	2.13	2.00
	424.95	SGU (L/150)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	7.09	6.64	6.25	5.30	4.50	3.86	3.34	2.90	2.54	2.24	1.98	1.76	1.57	1.41	1.27	1.14	1.04	0.94	0.86	0.79
	442.46	SGU (L/200)	13.29	11.81	10.63	9.66	8.86	8.18	7.59	6.87	5.66	4.72	3.97	3.38	2.90	2.50	2.18	1.90	1.68	1.48	1.32	1.18	1.06	0.95	0.86	0.78	0.71	0.64	0.59
		SGU (L/300)	13.29	11.81	10.63	9.66	8.86	7.03	5.63	4.58	3.77	3.14	2.65	2.25	1.93	1.67	1.45	1.27	1.12	0.99	0.88	0.78	0.70	0.63	0.57	0.52	0.47	0.43	0.39
1.20		SGN	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	7.45	7.03	6.66	6.33	5.90	5.38	4.92	4.52	4.16	3.85	3.57	3.32	3.09	2.89	2.71	2.54	2.39	2.25
	465.69	SGU (L/150)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	8.44	7.91	6.86	5.78	4.91	4.21	3.64	3.17	2.77	2.44	2.16	1.92	1.71	1.54	1.38	1.25	1.13	1.03	0.94	0.86
	484.67	SGU (L/200)	15.83	14.07	12.66	11.51	10.55	9.74	9.04	7.49	6.17	5.15	4.33	3.69	3.16	2.73	2.37	2.08	1.83	1.62	1.44	1.28	1.15	1.04	0.94	0.85	0.77	0.70	0.64
		SGU (L/300)	15.83	14.07	12.66	11.51	9.75	7.67	6.14	4.99	4.11	3.43	2.89	2.46	2.11	1.82	1.58	1.39	1.22	1.08	0.96	0.86	0.77	0.69	0.62	0.57	0.51	0.47	0.43
1.25		SGN	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.59	8.08	7.63	7.23	6.87	6.23	5.68	5.19	4.77	4.39	4.06	3.77	3.50	3.27	3.05	2.86	2.68	2.52	2.38
	484.17	SGU (L/150)	17.18	15.27	13.74	12.49	11.45	10.57	9.82	9.16	8.57	7.15	6.02	5.12	4.39	3.79	3.30	2.89	2.54	2.25	2.00	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
	505.72	SGU (L/200)	17.18	15.27	13.74	12.49	11.45	10.57	9.60	7.80	6.43	5.36	4.52	3.84	3.29	2.84	2.47	2.16	1.91	1.69	1.50	1.34	1.20	1.08	0.98	0.88	0.80	0.73	0.67
		SGU (L/300)	17.18	15.27	13.74	12.49	10.16	7.99	6.40	5.20	4.29	3.57	3.01	2.56	2.19	1.90	1.65	1.44	1.27	1.12	1.00	0.89	0.80	0.72	0.65	0.59	0.54	0.49	0.45
1.50		SGN	24.69	21.94	19.75	17.95	16.46	15.19	14.11	13.17	12.34	11.62	10.79	9.68	8.74	7.92	7.22	6.61	6.07	5.59	5.17	4.79	4.46	4.16	3.88	3.64	3.41	3.21	3.02
	589.94	SGU (L/150)	24.69	21.94	19.75	17.95	16.46	15.19	14.11	12.48	10.29	8.58	7.22	6.14	5.27	4.55	3.96	3.46	3.05	2.70	2.40	2.14	1.92	1.73	1.56	1.41	1.29	1.17	1.07
	610.77	SGU (L/200)	24.69	21.94	19.75	17.95	16.46	14.38	11.52	9.36	7.72	6.43	5.42	4.61	3.95	3.41	2.97	2.60	2.29	2.02	1.80	1.61	1.44	1.30	1.17	1.06	0.96	0.88	0.80
		SGU (L/300)	24.69	21.94	19.75	15.83	12.19	9.59	7.68	6.24	5.14	4.29	3.61	3.07	2.63	2.27	1.98	1.73	1.52	1.35	1.20	1.07	0.96	0.86	0.78	0.71	0.64	0.59	0.54
Number of spans:		2	support 60 - 300 -60																										
Thickness	Jx [cm4]	Case	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50
0.70	min/max	SGN	6.98	6.20	5.58	5.07	4.65	4.29	3.99	3.72	3.47	3.15	2.87	2.63	2.42	2.23	2.07	1.92	1.78	1.66	1.56	1.46	1.37	1.29	1.22	1.15	1.09	1.03	0.98
	250.41	SGU (L/150)	6.98	6.20	5.58	5.07	4.65	4.29	3.99	3.72	3.47	3.15	2.87	2.63	2.42	2.23	2.07	1.92	1.78	1.66	1.56	1.46	1.37	1.29	1.22	1.15	1.09	1.03	0.98
	269.29	SGU (L/200)	6.98	6.20	5.58	5.07	4.65	4.29	3.99	3.72	3.47	3.15	2.87	2.63	2.42	2.23	2.07	1.92	1.78	1.66	1.56	1.46	1.37	1.29	1.22	1.15	1.08	0.99	0.90
		SGU (L/300)	6.98	6.20	5.58	5.07	4.65	4.29	3.99	3.72	3.47	3.15	2.87	2.63	2.42	2.23	2.07	1.92	1.71	1.51	1.35	1.20	1.08	0.97	0.88	0.79	0.72	0.66	0.60
0.75		SGN	8.07	7.17	6.45	5.87	5.38	4.96	4.61	4.30	3.91	3.55	3.24	2.97	2.73	2.51	2.33	2.16	2.01	1.87	1.75	1.64	1.54	1.45	1.37	1.29	1.22	1.16	1.10
	270.95	SGU (L/150)	8.07	7.17	6.45	5.87	5.38	4.96	4.61	4.30	3.91	3.55	3.24	2.97	2.73	2.51	2.33	2.16	2.01	1.87	1.75	1.64	1.54	1.45	1.37	1.29	1.22	1.16	1.10
	292.62	SGU (L/200)	8.07	7.17	6.45	5.87	5.38	4.96	4.61	4.30	3.91	3.55	3.24	2.97	2.73	2.51	2.33	2.16	2.01	1.87	1.75	1.64	1.54	1.45	1.37	1.28	1.16	1.06	0.97
		SGU (L/300)	8.07	7.17	6.45	5.87	5.38	4.96	4.61	4.30	3.91	3.55	3.24	2.97	2.73	2.51	2.33	2.08	1.83	1.62	1.44	1.29	1.15	1.04	0.94	0.85	0.77	0.70	0.64
0.80		SGN	9.23	8.21	7.39	6.71	6.15	5.68	5.28	4.82	4.35	3.95	3.60	3.30	3.03	2.79	2.58	2.39	2.23	2.08	1.94	1.82	1.71	1.61	1.52	1.43	1.35	1.28	1.22
	294.37	SGU (L/150)	9.23	8.21	7.39	6.71	6.15	5.68	5.28	4.82	4.35	3.95	3.60	3.30	3.03	2.79	2.58	2.39	2.23	2.08	1.94	1.82	1.71	1.61	1.52	1.43	1.35	1.28	1.22
	315.54	SGU (L/200)	9.23	8.21	7.39	6.71	6.15	5.68	5.28	4.82	4.35	3.95	3.60	3.30	3.03	2.79	2.58	2.39	2.23	2.08	1.94	1.82	1.71	1.61	1.50	1.36	1.24	1.13	1.03
		SGU (L/300)	9.23	8.21	7.39	6.71	6.15	5.68	5.28	4.82	4.35	3.95	3.60	3.30	3.03	2.79	2.54	2.22	1.95	1.73	1.54	1.37	1.23	1.11	1.00	0.91	0.82	0.75	0.69
0.88		SGN	11.24	9.99	9.00	8.18	7.50	6.92	6.29	5.64	5.08	4.61	4.20	3.85	3.53	3.25	3.01	2.79	2.59	2.42	2.26	2.12	1.99	1.87	1.76	1.66	1.57	1.49	1.41
	329.14	SGU (L/150)	11.24	9.99	9.00	8.18	7.50	6.92	6.29	5.64	5.08	4.61	4.20	3.85	3.53	3.25	3.01	2.79	2.59	2.42	2.26	2.12	1.99	1.87	1.76	1.66	1.57	1.49	1.41
	349.27	SGU (L/200)	11.24	9.99	9.00	8.18	7.50	6.92	6.29	5.64	5.08	4.61	4.20	3.85	3.53	3.25	3.01	2.79	2.59	2.42	2.26	2.12	1.99	1.83	1.65	1.50	1.36	1.24	1.13
		SGU (L/300)	11.24	9.99	9.00	8.18	7.50	6.92	6.29	5.64	5.08	4.61	4.20	3.85	3.53	3.21	2.79	2.44	2.15	1.90	1.69	1.51	1.35	1.22	1.10	1.00	0.91	0.83	0.76
1.00		SGN	14.61	12.98	11.68	10.62	9.74	8.69	7.73	6.93	6.25	5.67	5.16	4.72	4.33	3.99	3.69	3.42	3.18	2.96	2.77	2.59	2.43	2.29	2.15	2.03	1.92	1.82	1.72
	378.89	SGU (L/150)	14.61	12.98	11.68	10.62	9.74	8.69	7.73	6.93	6.25	5.67	5.16	4.72	4.33	3.99	3.69	3.42	3.18	2.96	2.77	2.59	2.43	2.29	2.15	2.03	1.92	1.82	1.72
	400.01	SGU (L/200)	14.61	12.98	11.68	10.62	9.74	8.69	7.73	6.93	6.25	5.67	5.16	4.72	4.33	3.99	3.69	3.42	3.18	2.96	2.77	2.57	2.31	2.08	1.88	1.70	1.55	1.41	1.29
		SGU (L/300)	14.61	12.98	11.68	10.62	9.74	8.69	7.73	6.93	6.25	5.67	5.16	4.72	4.22	3.65	3.17	2.78	2.44	2.16	1.92	1.72	1.54	1.38	1.25	1.13	1.03	0.94	0.86
1.10		SGN	17.72	15.75	14.17	12.88	11.43	10.08	8.96	8.02	7.22	6.54	5.96	5.45	5.00	4.60	4.25	3.94	3.66	3.41	3.18	2.98	2.80	2.63	2.48	2.34	2.21	2.09	1.98
	424.95	SGU (L/150)	17.72	15.75	14.17	12.88	11.43	10.08	8.96	8.02	7.22	6.54	5.96	5.45	5.00	4.60	4.25	3.94	3.66	3.41	3.18	2.98	2.80	2.63	2.48	2.34	2.21	2.07	1.89
	442.46	SGU (L/200)	17.72	15.75	14.17	12.88	11.43	10.08	8.96	8.02	7.22	6.54	5.96	5.45	5.00	4.60	4.25	3.94	3.66	3.41	3.17	2.83	2.54	2.29	2.06	1.87	1.70	1.55	1.42
		SGU (L/300)	17.72	15.75	14.17	12.88	11.43	10.08	8.96	8.02	7.22	6.54	5.96	5.42	4.64	4.01	3.49	3.05	2.69	2.38	2.11	1.89	1.69	1.52	1.38	1.25	1.13	1.03	0.95
1.20		SGN	21.10	18.76	16.88	14.96	13.06	11.50	10.22	9.14	8.23	7.45	6.78	6.19	5.67	5.22	4.82	4.46	4.15	3.86	3.61	3.37	3.16	2.97	2.80	2.64	2.49	2.36	2.24
	465.69	SGU (L/150)	21.10	18.76	16.88	14.96	13.06	11.50	10.22	9.14	8.23	7.45	6.78	6.19	5.67	5.22	4.82	4.46	4.15	3.86	3.61	3.37	3.16	2.97	2.80	2.64	2.47	2.26	2.06
	484.67	SGU (L/200)	21.10	18.76	16.88	14.96	13.06	11.50	10.22	9.14	8.23	7.45	6.78	6.19	5.67	5.22	4.82	4.46	4.15	3.86	3.46	3.09	2.77	2.49	2.25	2.04	1.86	1.69	1.55
		SGU (L/300)	21.10	18.76	16.88	14.96	13.06	11.50	10.22	9.14	8.23	7.45	6.78	5.91	5.07	4.38	3.81	3.33	2.93	2.59	2.31	2.06	1.85	1.66	1.50	1.36	1.24	1.13	1.03
1.25		SGN	22.90	20.36	18.32	15.92	13.89	12.24	10.86	9.72	8.74	7.91	7.20	6.57	6.02	5.54	5.11	4.74	4.40	4.10	3.82	3.58	3.35	3.15	2.97	2.80	2.64	2.50	2.36
	484.17	SGU (L/150)	22.90	20.36	18.32	15.92	13.89	12.24	10.86	9.72	8.74	7.91	7.20	6.57	6.02	5.54	5.11	4.74	4.40	4.10	3.82	3.58	3.35	3.15	2.97	2.80	2.58	2.35	2.15
	505.72	SGU (L/200)	22.90	20.36	18.32	15.92	13.89	12.24	10.86	9.72	8.74	7.91	7.20	6.57	6.02	5.54	5.11	4.74	4.40	4.05	3.60	3.22	2.89	2.60	2.35	2.13	1.93	1.76	1.61
		SGU (L/300)	22.90	20.36	18.32	15.92	13.89	12.24	10.86	9.72	8.74	7.91	7.20	6.16	5.28	4.56	3.97	3.47	3.05	2.70	2.40	2.15	1.92	1.73	1.56	1.42	1.29	1.17	1.07
1.50		SGN	32.92	28.66	24.36	20.98	18.27	16.06	14.24	12.72	11.43	10.33	9.39	8.57	7.84	7.21	6.65	6.15	5.71	5.31	4.95	4.63	4.34	4.08	3.84	3.60	3.38	3.18	2.99
	589.94	SGU (L/150)	32.92	28.66	24.36	20.98	18.27	16.06	14.24	12.72	11.43	10.33	9.39	8.57	7.84	7.21	6.65	6.15	5.71	5.31	4.95	4.63	4.34	4.08	3.75	3.40	3.09	2.82	2.58
	610.77	SGU (L/200)	32.92	28.66	24.36	20.98	18.27	16.06	14.24	12.72	11.43	10.33	9.39	8.57	7.84	7.21	6.65	6.15	5.50	4.86	4.32	3.86	3.46	3.12	2.81	2.55	2.32	2.11	1.93
		SGU (L/300)	32.92	28.66	24.36	20.98	18.27	16.06	14.24	12.72	11.43	10.31	8.69	7.39	6.33	5.47	4.76	4.16	3.67	3.24	2.88	2.57	2.31	2.08	1.88	1.70	1.55	1.41	1.29
Number of spans:		3	support 60 - 300 -300 - 60																										
Thickness	Jx [cm4]	Case	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50
0.70	min/max	SGN	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.62	2.49	2.38	2.27	2.16	2.02	1.89	1.77	1.67	1.57	1.48	1.40	1.33	1.26	1.19
	250.41	SGU (L/150)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.62	2.49	2.38	2.27	2.16	2.02	1.89	1.77	1.67	1.52	1.38	1.25	1.13	1.03	0.95
	269.29	SGU (L/200)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.75	2.62	2.49	2.38	2.27	2.02	1.78	1.59	1.42	1.27	1.14	1.03	0.94	0.85	0.78	0.71
		SGU (L/300)	6.54	5.81	5.23	4.76	4.36	4.02	3.74	3.49	3.27	3.08	2.91	2.71	2.32	2.01	1.75	1.53	1.34	1.19	1.06	0.94	0.85	0.76	0.69	0.62	0.57	0.52	0.47
0.75		SGN	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.18	3.03	2.88	2.75	2.62	2.44	2.27	2.13	2.00	1.88	1.77	1.67	1.58	1.49	1.41	1.34
	270.95	SGU (L/150)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.18	3.03	2.88	2.75	2.62	2.44	2.27	2.13	2.00	1.81	1.63	1.48	1.34	1.22	1.11	1.01
	292.62	SGU (L/200)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	3.18	3.03	2.88	2.75	2.46	2.16	1.91	1.70	1.52	1.36	1.23	1.11	1.00	0.91	0.83	0.76
		SGU (L/300)	7.56	6.72	6.05	5.50	5.04	4.65	4.32	4.03	3.78	3.56	3.36	2.90	2.49	2.15	1.87	1.64	1.44	1.27	1.13	1.01	0.91	0.82	0.74	0.67	0.61	0.55	0.51
0.80		SGN	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.85	3.64	3.46	3.30	3.13	2.90	2.70	2.52	2.36	2.21	2.08	1.96	1.85	1.75	1.65	1.57	1.49
	294.37	SGU (L/150)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.85	3.64	3.46	3.30	3.13	2.90	2.70	2.52	2.36	2.16	1.94	1.74	1.57	1.43	1.30	1.18	1.08
	315.54	SGU (L/200)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.85	3.64	3.46	3.30	2.99	2.62	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
		SGU (L/300)	8.65	7.69	6.92	6.29	5.77	5.33	4.95	4.62	4.33	4.07	3.64	3.10	2.66	2.29	2.00	1.75	1.54	1.36	1.21	1.08	0.97	0.87	0.79	0.71	0.65	0.59	0.54
0.88		SGN	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.96	4.69	4.44	4.22	3.94	3.65	3.39	3.15	2.94	2.75	2.58	2.42	2.28	2.15	2.03	1.92	1.82	1.73
	329.14	SGU (L/150)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.96	4.69	4.44	4.22	3.94	3.65	3.39	3.15	2.94	2.66	2.37	2.13	1.92	1.73	1.57	1.43	1.30	1.19
	349.27	SGU (L/200)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.96	4.69	4.44	4.22	3.79	3.29	2.88	2.54	2.24	1.99	1.78	1.60	1.44	1.30	1.18	1.07	0.98	0.89
		SGU (L/300)	10.54	9.37	8.43	7.67	7.03	6.49	6.02	5.62	5.27	4.76	4.01	3.41	2.92	2.52	2.20	1.92	1.69	1.50	1.33	1.19	1.06	0.96	0.87	0.78	0.71	0.65	0.59
1.00		SGN	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.30	6.85	6.44	6.09	5.71	5.25	4.84	4.48	4.15	3.86	3.60	3.37	3.16	2.96	2.79	2.63	2.48	2.35	2.22	2.11
	378.89	SGU (L/150)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.30	6.85	6.44	6.09	5.71	5.25	4.84	4.48	4.15	3.84	3.40	3.02	2.70	2.42	2.18	1.97	1.78	1.62	1.48	1.35
	400.01	SGU (L/200)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.30	6.85	6.44	6.09	5.71	4.98	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01
		SGU (L/300)	13.69	12.17	10.95	9.96	9.13	8.43	7.82	7.30	6.48	5.41	4.55	3.87	3.32	2.87	2.49	2.18	1.92	1.70	1.51	1.35	1.21	1.09	0.98	0.89	0.81	0.74	0.68
1.10		SGN	16.61	14.76	13.29	12.08	11.07	10.22	9.49	8.86	8.30	7.82	7.20	6.59	6.06	5.59	5.16	4.79	4.45	4.15	3.88	3.64	3.41	3.21	3.03	2.86	2.70	2.56	2.43
	424.95	SGU (L/150)	16.61	14.76	13.29	12.08	11.07	10.22	9.49	8.86	8.30	7.82	7.20	6.59	6.06	5.59	5.16	4.79	4.23	3.74	3.32	2.97	2.66	2.40	2.16	1.96	1.78	1.63	1.49
	442.46	SGU (L/200)	16.61	14.76	13.29	12.08	11.07	10.22	9.49	8.86	8.30	7.82	7.20	6.39	5.48	4.73	4.12	3.60	3.17	2.80	2.49	2.23	2.00	1.80	1.62	1.47	1.34	1.22	1.11
		SGU (L/300)	16.61	14.76	13.29	12.08	11.07	10.22	9.49	8.66	7.13	5.95	5.01	4.26	3.65	3.15	2.74	2.40	2.11	1.87	1.66	1.48	1.33	1.20	1.08	0.98	0.89	0.81	0.74
1.20		SGN	19.79	17.59	15.83	14.39	13.19	12.18	11.31	10.55	9.89	9.00	8.20	7.50	6.89	6.34	5.86	5.43	5.05	4.71	4.40	4.12	3.87	3.63	3.42	3.23	3.05	2.89	2.74
	465.69	SGU (L/150)	19.79	17.59	15.83	14.39	13.19	12.18	11.31	10.55	9.89	9.00	8.20	7.50	6.89	6.34	5.86	5.24	4.61	4.08	3.63	3.24	2.90	2.61	2.36	2.14	1.95	1.77	1.62
	484.67	SGU (L/200)	19.79	17.59	15.83	14.39	13.19	12.18	11.31	10.55	9.89	9.00	8.20	6.97	5.98	5.16	4.49	3.93	3.46	3.06	2.72	2.43	2.18	1.96	1.77	1.60	1.46	1.33	1.22
		SGU (L/300)	19.79	17.59	15.83	14.39	13.19	12.18	11.31	9.44	7.78	6.49	5.46	4.65	3.98	3.44	2.99	2.62	2.31	2.04	1.81	1.62	1.45	1.31	1.18	1.07	0.97	0.89	0.81
1.25		SGN	21.47	19.09	17.18	15.62	14.31	13.21	12.27	11.45	10.56	9.57	8.71	7.97	7.32	6.74	6.22	5.77	5.36	4.99	4.67	4.37	4.10	3.85	3.63	3.43	3.24	3.07	2.91
	484.17	SGU (L/150)	21.47	19.09	17.18	15.62	14.31	13.21	12.27	11.45	10.56	9.57	8.71	7.97	7.32	6.74	6.22	5.46	4.80	4.25	3.78	3.37	3.02	2.72	2.46	2.23	2.03	1.85	1.69
	505.72	SGU (L/200)	21.47	19.09	17.18	15.62	14.31	13.21	12.27	11.45	10.56	9.57	8.54	7.26	6.22	5.38	4.68	4.09	3.60	3.19	2.83	2.53	2.27	2.04	1.84	1.67	1.52	1.39	1.27
		SGU (L/300)	21.47	19.09	17.18	15.62	14.31	13.21	12.10	9.84	8.11	6.76	5.69	4.84	4.15	3.58	3.12	2.73	2.40	2.12	1.89	1.69	1.51	1.36	1.23	1.11	1.01	0.92	0.84
1.50		SGN	30.86	27.43	24.69	22.44	20.57	18.99	17.19	15.37	13.83	12.52	11.39	10.41	9.54	8.78	8.10	7.50	6.97	6.49	6.06	5.67	5.31	4.99	4.70	4.43	4.19	3.96	3.74
	589.94	SGU (L/150)	30.86	27.43	24.69	22.44	20.57	18.99	17.19	15.37	13.83	12.52	11.39	10.41	9.54	8.60	7.48	6.55	5.76	5.10	4.53	4.05	3.63	3.27	2.95	2.67	2.43	2.22	2.03
	610.77	SGU (L/200)	30.86	27.43	24.69	22.44	20.57	18.99	17.19	15.37	13.83	12.16	10.25	8.71	7.47	6.45	5.61	4.91	4.32	3.82	3.40	3.04	2.72	2.45	2.21	2.01	1.82	1.66	1.52
		SGU (L/300)	30.86	27.43	24.69	22.44	20.57	18.13	14.52	11.80	9.73	8.11	6.83	5.81	4.98	4.30	3.74	3.27	2.88	2.55	2.27	2.02	1.81	1.63	1.48	1.34	1.22	1.11	1.01