

PRODUCT	LOAD BAR SIZE	MAS KG/M ²	U – KPA D – MM	450 SPAN	600 SPAN	750 SPAN	900 SPAN	1050 SPAN	1200 SPAN	1500 SPAN	1800 SPAN	2100 SPAN	2400 SPAN	2700 SPAN	3000 SPAN	3300 SPAN	3600 SPAN	4 KPA 5MM DEFL SPAN
SG205/60/50	20 x 5	18.2	U D	36 1.8	20 3.2	13 5.0	9 7.2	6 9.8	5 12.9	3 20.1	2 29.0							1010
SG205/40/100	20 x 5	22.2	U D	56 1.8	32 3.2	20 5.0	14 7.2	10 9.8	8 12.8	5 20.1	3 28.9	2 39.4						1120
SG253/40/100	25 x 3	17.3	U D	53 1.4	30 2.6	19 4.0	13 5.8	10 7.9	7 10.3	5 16.1	3 23.2	2 31.5						1170
SG253/40/50	25 x 3	19.8	U D	53 1.4	30 2.6	19 4.0	13 5.8	10 7.9	7 10.3	5 16.1	3 23.2	2 31.5						1170
SG205/30/100	20 x 5	28.7	U D	74 1.8	42 3.2	27 5.0	18 7.2	13 9.8	10 12.8	6 20.1	4 28.9	3 39.4						1200
SG255/60/50	25 x 5	21.5	U D	56 1.4	32 2.6	20 4.0	14 5.8	10 7.8	8 10.2	5 16.0	3 23.1	2 31.5						1200
SG255/40/100	25 x 5	25.8	U D	70 1.6	39 2.9	24 4.5	17 6.5	13 8.8	9 11.5	6 18.0	4 25.9	3 35.3						1225
SG253/30/100	25 x 3	22.2	U D	70 1.4	39 2.6	25 4.0	17 5.8	13 7.8	10 10.3	6 16.0	4 23.1	3 31.5	2 41.2					1250
SG253/30/50	25 x 3	24.7	U D	70 1.4	39 2.6	25 4.0	17 5.8	13 7.8	10 10.3	6 16.0	4 23.1	3 31.5	2 41.2					1250
SG255/40/100	25 x 5	27.1	U D	88 1.4	49 2.6	31 4.0	22 5.8	16 7.8	12 10.2	8 16.0	5 23.1	4 31.5	3 41.2					1320
SG255/40/50	25 x 5	29.6	U D	88 1.4	49 2.6	31 4.0	22 5.8	16 7.8	12 10.2	8 16.0	5 23.1	4 31.5	2 35.1					1320
SG325/60/50	32 x 5	25.2	U D	76 1.2	43 2.2	27 3.4	19 4.9	14 6.7	11 8.7	7 13.6	5 19.7	3 26.8	2 35.1					1350
SG255/30/100	25 x 5	33.6	U D	91 1.6	51 2.9	33 4.5	23 6.5	17 8.8	13 11.5	8 18.0	6 25.9	4 35.3						1350
SG323/40/100	32 x 3	21.4	U D	87 1.1	49 2.0	31 3.1	21 4.5	16 6.1	12 8.0	8 12.5	5 18.1	4 24.6	3 32.1	2 40.7				1400
SG255/30/100	25 x 5	35.2	U D	115 1.4	65 2.6	42 4.0	29 5.8	21 7.8	16 10.3	10 16.0	7 23.1	5 31.5	4 41.1	3 49.6				1420
SG255/30/50	25 x 5	37.8	U D	115 1.4	65 2.6	42 4.0	29 5.8	21 7.8	16 10.3	10 16.0	7 23.1	5 31.5	4 41.1	3 49.6				1420
SG325/60/50	32 x 5	26.1	U D	92 1.1	52 2.0	33 3.1	23 4.5	17 6.1	13 8.0	8 12.5	6 18.0	4 24.6	3 32.1	2 40.7				1440
SG325/40/100	32 x 5	32.7	U D	120 1.2	67 2.2	43 3.4	30 4.9	22 6.7	17 8.7	11 13.6	7 19.7	5 26.8	4 34.0	3 44.3				1475
SG323/30/100	32 x 3	27.7	U D	114 1.1	64 2.0	41 3.1	28 4.5	21 6.1	16 8.0	10 12.5	7 18.1	5 24.6	4 32.1	3 40.7				1510
SG325/40/100	32 x 5	34.0	U D	144 1.1	81 2.0	52 3.1	36 4.5	26 6.1	20 8.0	13 12.5	9 18.0	6 24.6	5 32.1	4 40.7				1590
SG325/40/50	32 x 5	36.5	U D	144 1.1	81 2.0	52 3.1	36 4.5	26 6.1	20 8.0	13 12.5	9 18.0	6 24.6	5 32.1	4 40.7				1590
SG325/30/100	32 x 5	42.7	U D	158 1.2	89 2.2	56 3.4	39 4.9	29 6.7	22 8.7	14 13.7	9 19.7	7 26.8	5 35.0	4 44.3				1600
SG403/40/100	40 x 3	26.1	U D	135 0.9	76 1.6	49 2.5	34 3.6	25 4.9	19 6.4	12 10.0	8 14.5	6 19.7	4 25.7	3 32.6				1660
SG405/60/50	40 x 5	31.3	U D	144 0.9	81 1.6	52 2.5	36 3.6	26 4.9	20 6.4	13 10.0	9 14.5	6 19.7	5 25.7	4 32.6	3 40.2			1700
SG325/30/100	32 x 5	44.4	U D	190 1.1	107 2.0	68 3.1	47 4.5	35 6.1	26 8.0	17 12.5	11 18.0	8 24.6	6 32.1	5 40.7				1710
SG325/30/50	32 x 5	46.9	U D	190 1.1	107 2.0	68 3.1	47 4.5	35 6.1	26 8.0	17 12.5	11 18.0	8 24.6	6 32.1	5 40.7				710
SG403/30/100	40 x 3	33.9	U D	179 0.9	100 1.6	64 2.5	44 3.6	33 4.9	25 6.4	16 10.0	11 14.5	8 19.7	6 25.7	5 32.6	4 40.2			1780
SG405/40/100	40 x 5	41.8	U D	226 0.9	127 1.6	81 2.5	56 3.6	41 4.9	31 6.4	20 10.0	14 14.4	10 19.7	8 25.7	6 32.5	5 40.2			1890
SG405/30/100	40 x 5	54.8	U D	298 0.9	167 1.6	107 2.5	74 3.6	52 4.9	41 6.4	26 10.0	18 14.5	13 19.7	10 25.7	8 32.6	6 40.2			2030
SG405/30/50	40 x 5	57.4	U D	298 0.9	167 1.6	107 2.5	74 3.6	52 4.9	41 6.4	26 10.0	18 14.5	13 19.7	10 25.7	8 32.6	6 40.2			2030
SG455/40/100	45 x 5	46.7	U D	286 0.8	160 1.4	102 2.2	71 3.2	52 4.4	40 5.7	25 8.9	17 12.9	13 17.7	10 22.9	7 29.0	6 35.8	5 43.2		2030
SG455/30/100	45 x 5	61.4	U D	377 0.8	212 1.4	135 2.2	94 3.2	67 4.3	52 5.7	33 8.9	23 12.8	17 17.5	13 22.8	10 28.9	8 35.8	6 43.2		2175
SG505/40/100	50 x 5	51.6	U D	353 0.7	198 1.3	127 2.0	88 2.9	64 3.9	49 5.1	31 8.0	22 11.5	16 15.7	12 20.5	9 26.0	7 32.1	6 38.9	5 46.3	2200
SG505/30/100	50 x 5	67.9	U D	465 0.7	261 1.3	167 2.0	116 2.9	85 3.9	65 5.1	41 8.0	28 11.5	21 15.7	16 20.5	12 26.0	10 32.1	8 38.9	7 46.3	2350
SG655/30/100	65 x 5	87.5	U D	787 0.5	442 1.0	283 1.6	196 2.2	144 3.0	110 4.0	70 6.1	48 8.9	35 12.1	27 15.8	21 20.0	17 24.8	14 29.9	11 35.6	2825
SG756/30/100	75 x 6	120.2	U D	1049 0.46	500 1.0	378 1.3	262 1.8	193 2.5	147 3.2	94 5.1	66 7.3	48 10.0	37 13.0	29 16.5	24 20.4	20 24.7	16 29.4	3250

Spans to the left of the heavy line have a deflection of less than 5mm for a 4kPa uniformly distributed load. Please see other definitions on the Aluminium Load / Deflection Table page.