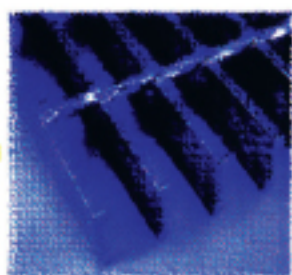
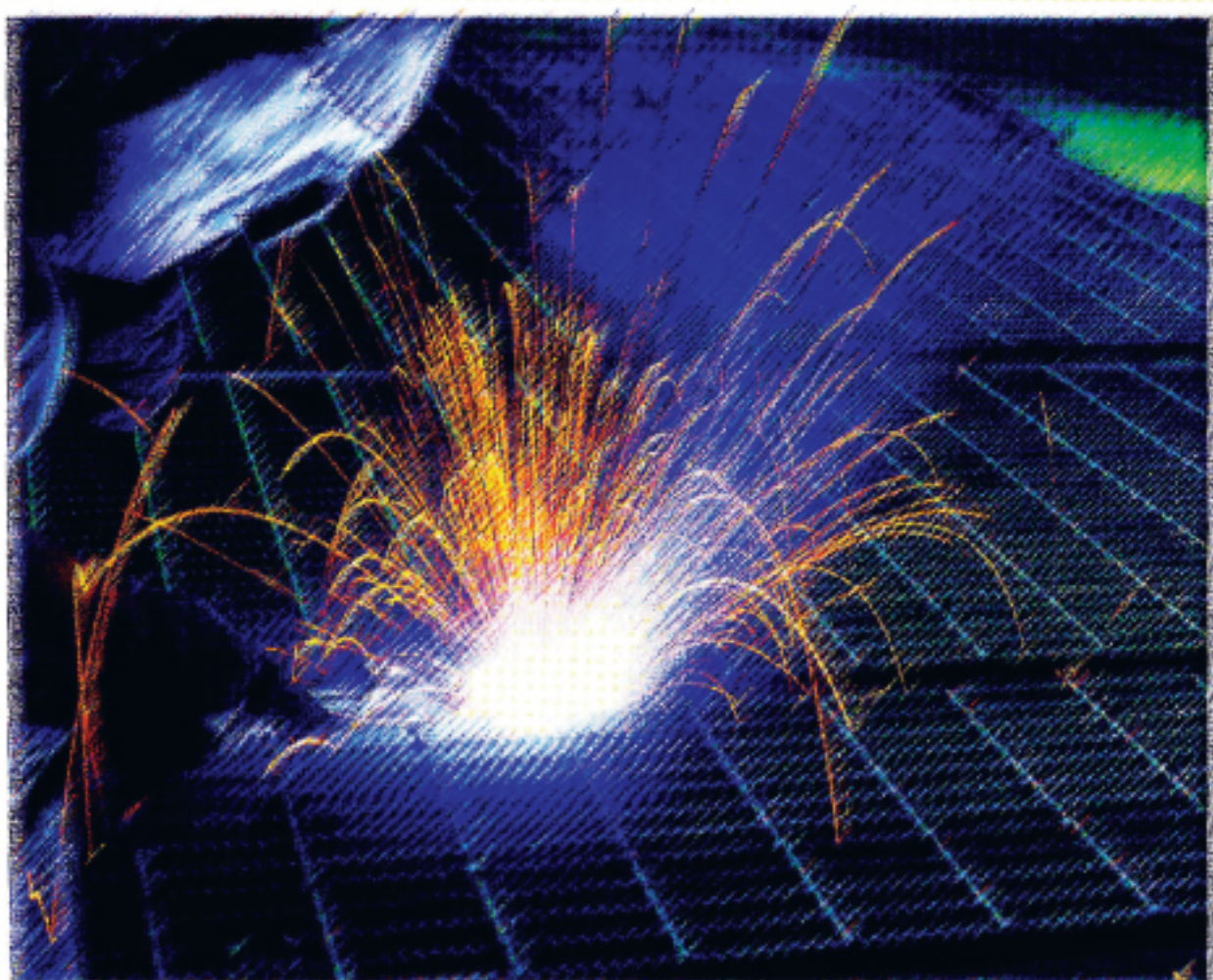
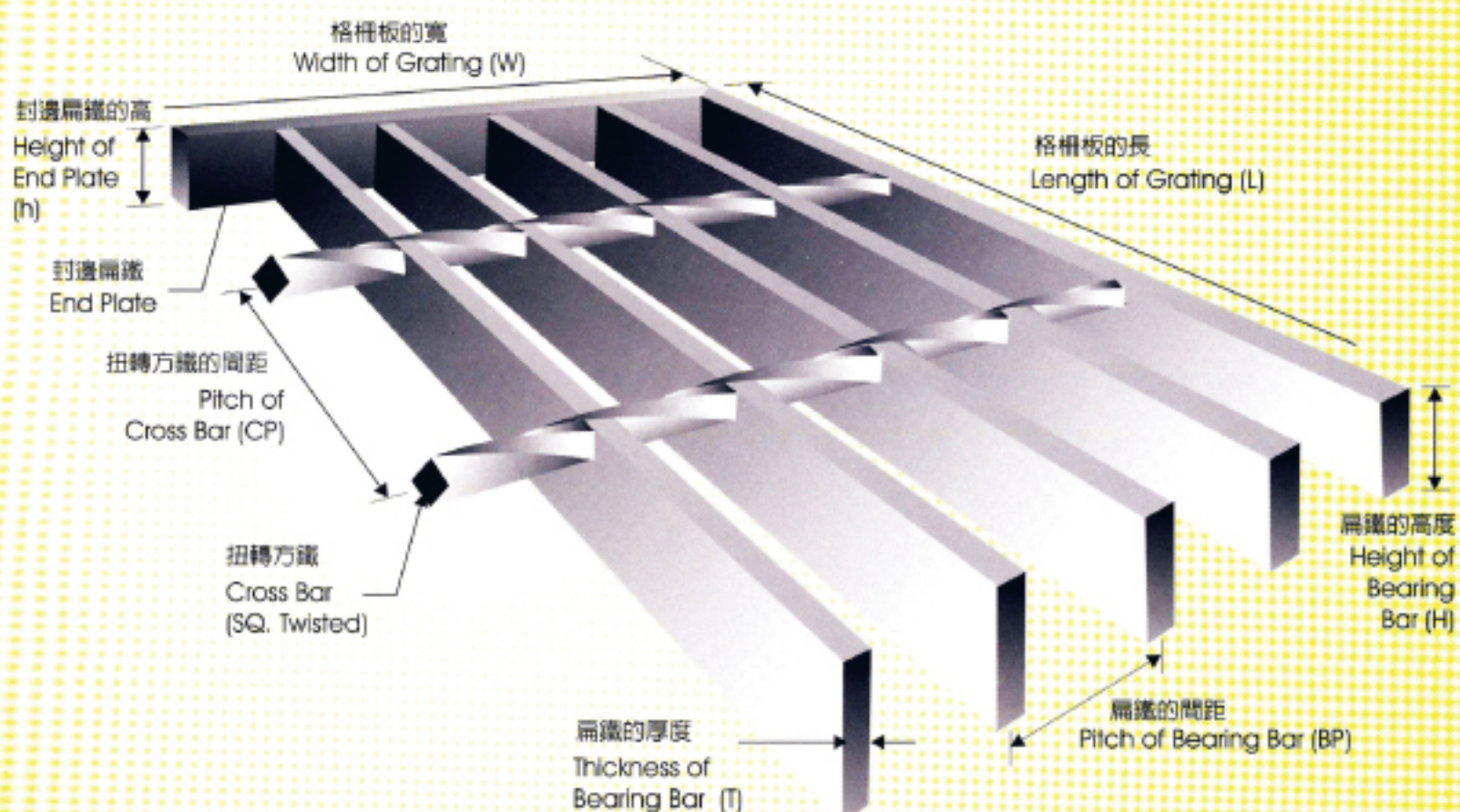


HOT DIP GALVANIZED GRATING

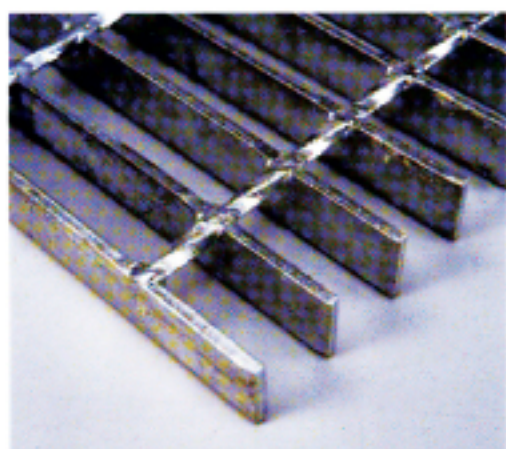


格柵板之介紹

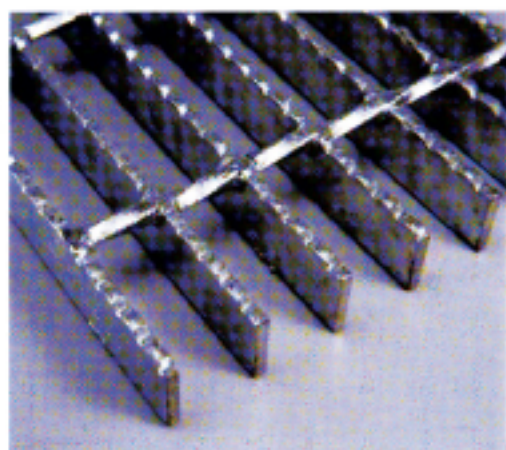
STEEL GRATING INTRODUCTION



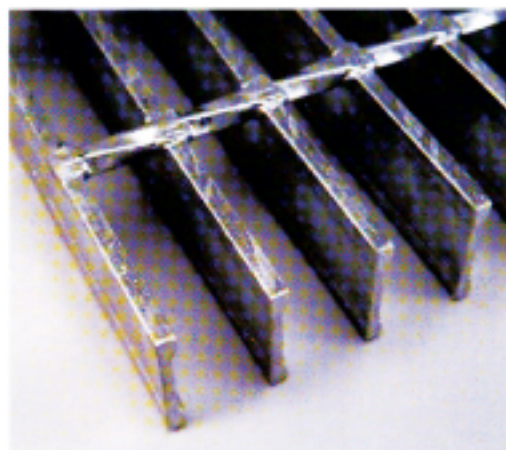
■ 平坦式
PLAIN STYLE



■ 鋸齒式
SERRATED STYLE



■ I型扁鋼式
I BAR STYLE



格柵板之種類 TYPES OF STEEL GRATING

■ 按格柵板扁鐵的形狀分類有

1. 平坦式格柵板。
2. 鋸齒式格柵板。
3. I型扁鋼式的格柵板。

■ 按格柵板表面處理狀況分類

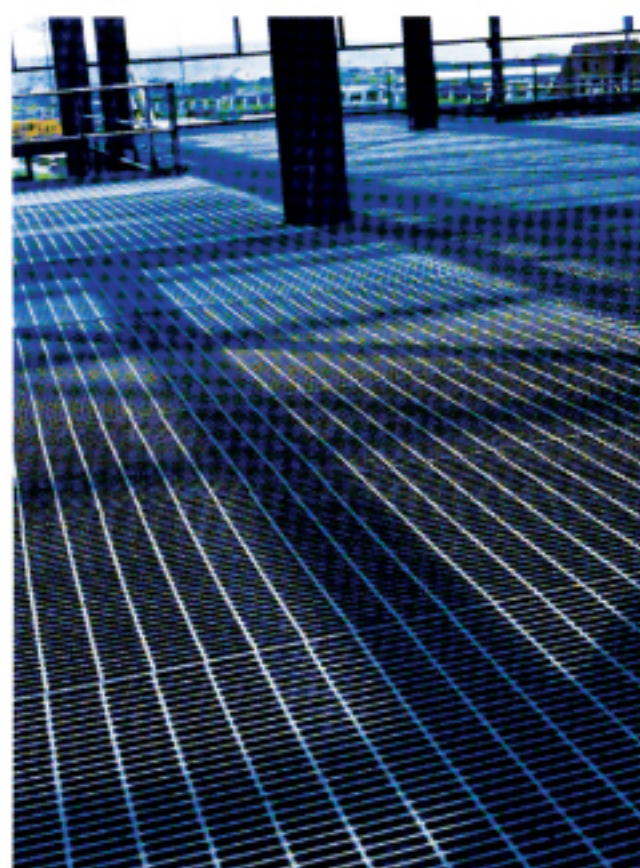
1. 黑皮格柵板。(不經任何表面處理)
2. 熱浸鍍鋅格柵板: 熱浸鍍鋅一般在銲接研磨等工作完成後進行, 按買方要求做處理。平均鍍鋅厚度在 75μ (重量約 $550g/m^2$) 以上, 鍍鋅質量及要求應符合BS729、CNS1247、10007、ASTMA123之規定。
3. 噴漆格柵板: 噴漆可在鍍鋅前或後, 依買方要求處理。

■ Classified by the flat bar of grating

1. Plain style
2. Serrated style
3. I bar style

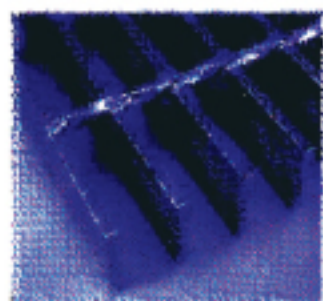
■ Classified by the surface treatment of grating

1. Black color grating (surface being unfinished)
2. Hot dip galvanized grating: Hot dip galvanizing will normally be performed after the completion of welding and grinding, and according to the requirements of the buyer. (The minimum average galvanized coating is 75μ approx. $550g/m^2$ of weight). Hot dip galvanizing conforms to the following equivalent standards: CNS 1247、10007, BS729 & ASTM A123.
3. Paint spray grating: This finish can be applied before or after galvanizing and normally performed according to the requirements of the buyer.



格柵板之優點 ADVANTAGES OF GRATING

1. 結構堅固、重量較輕。
 2. 排水性、透光性、通風性佳。
 3. 防滑、安全。
 4. 安裝及維修簡易。
 5. 造型簡單、外觀優美。
 6. 符合經濟及環保效益。
-
1. Rigid structure, light weight
 2. Excellent drainage and ventilation; admits light
 3. Safe and non-slip
 4. Easy installation and maintenance
 5. Simple but attractive styles
 6. economical and environmentally safe



格柵板之重量計算表
WEIGHT CALCULATION TABLE

MODEL NBR 型號	LOAD OF SIZE 扁鐵規格 (mm)	PITCH OF CROSS BAR 橫桿間距 (mm)	PITCH OF LOAD BAR 扁鐵間距 (mm)	NET WT.FOR BANDED,BLACK GRATING,kg/m ² 封邊格柵板總重			
				6x6	8x8	8φ	9φ
BA-01	19x3	100	30	18.93		20.05	
BB-01		50		21.75		23.99	
BA-02	19x4.5	100	30	26.98		28.10	
BB-02		50		29.80		32.04	
BA-03	25x3	100	30	24.02		25.14	
BB-03		50		26.84		29.08	
BA-04	25x4.5	100	30	34.61		35.73	
BB-04		50		37.43		39.67	
BA-05	32x3	100	30	29.95		31.07	
BB-05		50		32.77		35.01	
BA-06	32x4.5	100	30	43.51		44.63	
BB-06		50		46.33		48.57	
BA-07	38x3	100	30	35.04		36.16	
BB-07		50		37.86		40.10	
BA-08	38x4.5	100	30	54.14		52.26	
BB-08		50		53.96		56.20	
BA-09	44x4.5	100	30	58.77		59.89	
BB-09		50		61.59		63.83	
BA-10	50x4.5	100	30	66.41		67.53	
BB-10		50		69.23		71.47	
BA-11	50x6	100	30	87.60		88.72	
BB-11		50		90.42		92.66	
BA-12	50x9	100	34		118.06		118.04
BB-12		50			123.04		123.04
BA-13	65x6	100	30	113.03		114.15	
BB-13		50		115.85		118.09	
BA-14	65x9	100	34		151.97		151.95
BB-14		50			156.95		156.95
BA-15	75x6	100	30	129.99		131.11	
BB-15		50		132.81		135.05	
BA-16	75x9	100	34		174.58		174.56
BB-16		50			179.56		179.56
BA-17	90x6	100	30	155.42		156.54	
BB-17		50		158.24		160.48	
BA-18	90x9	100	34		208.49		208.47
BB-18		50			213.47		213.47
BA-19	100x6	100	30	172.38		173.50	
BB-19		50		175.20		177.44	
BA-20	100x9	100	34		231.10		231.08
BB-20		50			236.08		236.08

備註:

橫桿所使用之材料有扭轉方鐵及圓鐵兩種，其規格如上表所列，橫桿間距有 100 mm 及 50 mm 兩種，橫桿之單位重量如下列所示：

6x6=0.2826 kg/m 8φ=0.3946 kg/m
8x8=0.5024 kg/m 9φ=0.5000 kg/m
9x9=0.6358 kg/m 10φ=0.6165 kg/m

Remarks:

The sizes of cross bars are listed above and the pitch is generally 100mm or 50mm. The unit weight is as following:

6x6=0.2826 kg/m 8φ=0.3946 kg/m
8x8=0.5024 kg/m 9φ=0.5000 kg/m
9x9=0.6358 kg/m 10φ=0.6165 kg/m



格柵板負載及撓度表

本表係以平坦式式格柵板及鐵材JIS SS400規格之扁鐵做為負載及撓度計算的標準。

D:撓度,公厘mm

U:平均荷重,KPA

C:集中荷重,每米寬承受之荷重,kg/m

TABLE OF LOADS AND DEFLECTIONS

All loads and deflections showed are based on nominal size and unserrated bearing bars. The figures in this table are calculated in accordance with JIS SS400 steel

D: deflection in mm

U: safe uniformly distributed load in kpa

C: safe concentrated load at mid-span in Kg/m

MODEL 型號	LONG BAR SIZE 扁鐵規格	DRIVE BAR PITCH 橫桿間距	HOLE HEIGHT 淨孔高度 (mm)		SPAN (mm)											
					250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
BA02	19X4.5	100	25.48	U	159.30	39.83	17.70	9.96	6.37	4.43	3.25	2.49	1.97	1.59		
				Du	0.47	1.98	4.25	7.56	11.81	17.03	23.15	30.25	38.34	47.16		
				C	19.91	9.96	6.64	4.98	3.98	3.32	2.84	2.49	2.21	1.99		
BB02		50	28.29	Dc	0.38	1.51	3.40	6.05	9.44	13.61	18.49	24.20	30.58	37.78		
				U	183.87	45.97	20.43	11.49	7.35	5.11	3.75	2.87	2.27	1.84	1.52	
				Du	0.36	1.44	3.23	5.75	8.97	12.93	17.59	22.96	29.09	35.94	43.47	
BA03	25X3	100	22.77	C	22.98	11.49	7.66	5.75	4.60	3.83	3.28	2.87	2.55	2.30	2.09	
				Dc	0.29	1.15	2.59	4.60	7.19	10.34	14.06	18.37	23.24	28.75	34.77	
				U	275.80	68.95	30.64	17.24	11.03	7.66	5.63	4.31	3.40	2.76	2.28	
BA04	25X4.5	100	32.65	Du	0.36	1.44	3.23	5.75	8.98	12.93	17.60	22.99	29.05	35.94	43.37	
				C	34.47	17.24	11.49	8.62	6.89	5.75	4.92	4.31	3.83	3.45	3.13	
				Dc	0.29	1.15	2.59	4.60	7.18	10.35	14.06	18.39	23.27	28.75	34.72	
BB04		50	35.46	U	301.25	75.31	33.47	18.83	12.05	8.37	6.15	4.71	3.72	3.01	2.49	2.09
				Du	0.28	1.12	2.52	4.49	7.01	10.10	13.75	17.97	22.73	28.03	33.95	40.36
				C	37.66	18.83	12.55	9.41	7.53	6.28	5.38	4.71	4.18	3.77	3.42	3.14
BB05		50	31.08	Dc	0.22	0.90	2.02	3.59	5.61	8.09	11.00	14.37	18.16	22.47	27.13	32.34
				U	451.87	112.97	50.21	28.24	18.07	12.55	9.22	7.06	5.58	4.52	3.73	3.14
				Du	0.28	1.12	2.53	4.49	7.01	10.10	13.74	17.95	22.73	28.06	33.91	40.43
BA06	32X4.5	100	41.00	C	56.48	28.24	18.83	14.12	11.30	9.41	8.07	7.06	6.28	5.65	5.13	4.71
				Dc	0.22	0.90	2.02	3.59	5.61	8.08	11.00	14.36	18.19	22.45	27.13	32.34
				U	637.21	159.30	70.80	39.83	25.49	17.70	13.00	9.96	7.87	6.37	5.27	4.43
BA08	38X4.5	100	48.16	Du	0.24	0.95	2.13	3.78	5.91	8.51	11.57	15.13	19.14	23.62	28.61	34.06
				C	79.65	39.83	26.55	19.91	15.93	13.28	11.38	9.96	8.85	7.97	7.24	6.64
				Dc	0.19	0.76	1.70	3.02	4.73	6.81	9.26	12.10	15.31	18.91	22.87	27.23
BB08		50	50.97	U	854.32	213.58	94.92	53.39	34.17	23.73	17.44	13.35	10.55	8.54	7.06	5.93
				Du	0.20	0.82	1.82	3.26	5.10	7.35	10.00	13.06	16.53	20.40	24.69	29.37
				C	106.79	53.39	35.60	26.70	21.36	17.80	15.26	13.35	11.87	10.68	9.71	8.90
BB09		50	58.13	Dc	0.16	0.65	1.47	2.61	4.08	5.88	8.00	10.45	13.23	16.32	19.76	23.51
				U	1103.20	275.80	122.58	68.95	44.13	30.64	22.51	17.24	13.62	11.03	9.12	7.66
				Du	0.18	0.72	1.62	2.87	4.49	6.46	8.80	11.49	14.54	17.95	21.73	25.85
BA10	50X4.5	100	62.48	C	137.90	68.95	45.97	34.47	27.58	22.98	19.70	17.24	15.32	13.79	12.54	11.49
				Dc	0.14	0.57	1.29	2.30	3.59	5.17	7.04	9.19	11.63	14.36	17.39	20.68
				U	1470.93	367.73	163.44	91.93	58.84	40.86	30.02	22.98	18.16	14.71	12.16	10.21
BA11	50X6	100	82.37	Du	0.18	0.72	1.62	2.87	4.49	6.46	8.80	11.49	14.54	17.96	21.73	25.84
				C	183.87	91.93	61.29	45.97	36.77	30.64	26.27	22.98	20.43	18.39	16.72	15.32
				Dc	0.14	0.57	1.29	2.30	3.59	5.17	7.04	9.19	11.64	14.37	17.39	20.68
BB11		50	86.18	U	1946.83	486.71	216.31	121.68	77.87	54.08	39.73	30.42	24.03	19.47	16.09	13.52
				Du	0.18	0.72	1.62	2.87	4.49	6.46	8.80	11.49	14.54	17.96	21.73	25.86
				C	243.35	121.68	81.12	60.84	48.67	40.56	34.76	30.42	27.04	24.34	22.12	20.28
BB12		50	115.30	Dc	0.14	0.57	1.29	2.30	3.59	5.17	7.04	9.19	11.64	14.37	17.38	20.69
				U	2485.87	621.47	276.21	155.37	99.43	69.05	50.73	38.84	30.69	24.86	20.54	17.26
				Du	0.14	0.55	1.24	2.21	3.45	4.97	6.77	8.84	11.19	13.81	16.71	19.89
BA13	65X6	100	106.20	C	310.73	155.37	103.58	77.68	62.15	51.79	44.39	38.84	34.53	31.07	28.25	25.89
				Dc	0.11	0.44	0.99	1.77	2.76	3.98	5.41	7.07	8.95	11.05	13.37	15.91
				U	3290.14	822.53	365.57	205.63	131.61	91.39	67.15	51.41	40.62	32.90	27.19	22.85
BA14	65X9	100	141.90	Du	0.14	0.55	1.24	2.21	3.45	4.97	6.77	8.84	11.19	13.81	16.71	19.89
				C	411.27	205.63	137.09	102.82	82.25	68.64	58.75	51.41	45.70	41.13	37.39	34.27
				Dc	0.11	0.44	0.99	1.77	2.76	3.98	5.41	7.07	8.95	11.05	13.37	15.91
BB14		50	146.90	U	3309.60	827.40	367.73	206.85	132.38	91.93	67.54	51.71	40.86	33.10	27.35	22.96
				Du	0.12	0.48	1.08	1.92	2.99	4.31	5.87	7.66	9.70	11.97	14.48	17.24
				C	413.70	206.85	137.90	103.42	82.74	68.95	59.10	51.71	45.97	41.37	37.61	34.47
BB15		50	125.00	Dc	0.10	0.38	0.86	1.53	2.39	3.45	4.69	6.13	7.76	9.58	11.59	13.79
				U	4380.36	1095.09	486.71	273.77	175.21	121.68	89.40	68.44	54.08	43.80	36.20	30.42
				Du	0.12	0.48	1.08	1.92	2.99	4.31	5.87	7.66	9.70	11.97	14.48	17.24
BA16	75X9	100	162.90	C	547.54	273.77	182.51	136.89	109.51	91.26	78.22	68.44	60.84	54.75	49.78	45.63
				Dc	0.10	0.38	0.86	1.53	2.39	3.45	4.69	6.13	7.76	9.58	11.59	13.79
				U	4765.82	1191.45	529.54	297.86	190.63	132.38	97.26	74.47	58.84	47.66	39.39	33.10
BA17	90X6	100	146.00	Du	0.10	0.40	0.9	1.60	2.49	3.59	4.89	6.38	8.08	9.98	12.07	14.37
				C	595.73	297.86	198.58	148.93	119.15	99.29	85.10	74.47	66.19	59.57	54.16	49.64
				Dc	0.08	0.32	0.72	1.28	2.00	2.87	3.91	5.11	6.46	7.98	9.66	11.49
BB17		50	148.80	U	6307.72	1576.93	700.86	394.23	252.31	175.21	128.73	98.56	77.87	63.08	52.13	43.80
				Du	0.10	0.40	0.9	1.60	2.49	3.59	4.89	6.38	8.08	9.98	12.07	14.36
				C	788.46	394.23	262.82	197.12	157.69	131.41	112.64	98.56	87.61	78.85	71.68	65.71
BB18		50	199.50	Dc	0.08	0.32	0.72	1.28	2.00	2.87	3.91	5.11	6.46	7.98	9.66	11.49
				U	5883.73	1470.93	653.75	367.73	235.35	163.44	120.08	91.93	72.64	58.84	48.63	40.86
				Du	0.09	0.36	0.81	1.44	2.24	3.23	4.40	5.75	7.27	8.98	10.86	12.93
BB19		50	164.70	C	735.47	367.73	245.16	183.87	147.09	122.58	105.07	91.93	81.72	73.55	66.86	61.29
				Dc	0.07	0.29	0.65	1.15	1.80	2.59	3.52	4.60	5.82	7.18	8.69	10.34
				U	7787.30	1946.83	865.26	486.71	311.49	216.31	158.92	121.68	96.14	77.87	64.36	54.08
BA20	100X9	100	215.60	Du	0.09	0.36	0.81	1.44	2.24	3.23	4.40	5.75	7.27	8.98	10.86	12.93
				C	973.41	486.71	324.47	243.35	194.68	162.24	139.06	121.68	108.16	97.34	88.49	81.12
				Dc	0.07	0.29	0.65	1.15	1.80	2.59	3.52	4.60	5.82	7.18	8.69	10.34
BB20		50	220.60	U	7787.30	1946.83	865.26	486.71	311.49	216.31	158.92	121.68	96.14	77.87	64.36	54.08
				Du	0.09	0.36	0.81	1.44	2.24	3.23	4.40	5.75	7.27	8.98	10.86	12.93
				C	973.41	486.71	324.47	243.35	194.68	162.24	139.06	121.68	108.16	97.34	88.49	81.12
BB20		50	220.60	Dc	0.07	0.29	0.65	1.15	1.80	2.59	3.52	4.60	5.82	7.18	8.69	10.34
				U	7787.30	1946.83	865.26	486.71	311.49	216.31	158.92	121.68	96.14	77.87	64.36	54.08
				Du	0.09	0.36	0.81	1.44	2.24	3.23	4.40	5.75	7.27	8.98	10.86	12.93