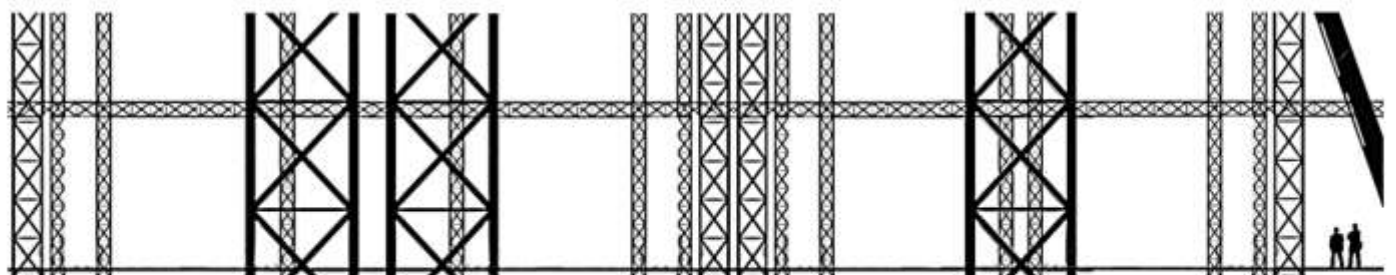


บริษัท ดี.ดี.แมททีเรียล จำกัด

289/9 ม.13 ต.ราชาเทวะ อ.บางพลี จ.สมุทรปราการ 10540





เหล็กเส้นกลม

บริษัท ดี.ดี.แมททีเรียล จำกัด

289/9 ม.13 ต.ราชพฤกษ์ อ.บางพลี จ.สมุทรปราการ 10540

ROUND BARS

QUALITY TIS 20:2000

GRADE SR 24

Size	Diameter (mm)	Mass Per M (kg)	Mass Per Pieces 10M (kg)	Cross Sectional Area (sq.mm)
RB 6	6	0.222	2.22	28.3
RB 8	8	0.395	3.95	50.3
RB 9	9	0.499	4.99	63.6
RB 10	10	0.616	6.16	78.5
RB 12	12	0.888	8.88	113.1
RB 15	15	1.387	13.87	176.7
RB 19	19	2.226	22.26	283.5
RB 22	22	2.984	29.84	380.1
RB 25	25	3.853	38.53	490.9
RB 28	28	4.834	48.34	615.8

บริษัท ดี.ดี.แมททีเรียล จำกัด

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เหล็กข้ออ้อย

DEFORMED BARS

QUALITY TIS 24:1993

GRADE SD 30, SD 40

Size	Diameter (mm)	Mass Per M (kg)	Mass Per 10M (kg)	Mass Per 12M (kg)	Cross Sectional Area (sq.mm)
DB 10	10	0.616	6.160	7.392	78.54
DB 12	12	0.888	8.880	10.656	113.10
DB 16	16	1.578	15.780	18.936	201.06
DB 20	20	2.466	24.660	29.592	314.16
DB 22	22	2.984	29.840	35.808	380.13
DB 25	25	3.853	38.530	46.236	490.87
DB 28	28	4.834	48.340	58.008	615.75
DB 32	32	6.313	63.130	75.756	804.25
DB 36	36	7.990	79.900	95.880	1017.88
DB 40	40	9.865	98.650	118.380	1256.64

บริษัท ดี.ดี.แมททีเรียล จำกัด

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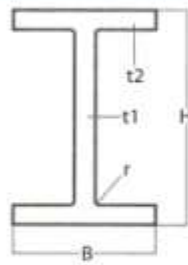
WIDE FLANGE

QUALITY JIS G 3192 : 1990

JIS G 3101 : 1995

TIS 1227 : 1996

GRADE SS 400 SS 540



เหล็กไวด์แฟรงค์

Sectional Dimension (mm)

Weight

Sectional

Area

cm²

Nominal Size

HxB

t1

t2

r

kg/m

kg/6m

100 x 50

100 x 50

5.0

7

8

9.3

55.80

11.85

150 x 75

150 x 75

5.0

7

8

14.0

84.00

17.85

150 x 100

148 x 100

6.0

9

11

21.1

126.60

26.84

200 x 100

200 x 100

5.5

8

11

21.3

127.80

27.16

200 x 150

194 x 150

6.0

9

13

30.6

183.60

39.01

250 x 125

250 x 125

6.0

9

12

29.6

177.60

37.66

250 x 175

244 x 175

7.0

11

16

44.1

264.60

56.24

300 x 150

300 x 150

6.5

9

13

36.7

220.20

46.78

300 x 200

294 x 200

8.0

12

18

56.8

340.80

72.38

350 x 175

350 x 175

7.0

11

14

49.6

297.60

63.14

350 x 250

340 x 250

9.0

14

20

79.7

478.20

101.50

400 x 200

400 x 200

8.0

13

16

66.0

396.00

84.12

400 x 300

390 x 300

10.0

16

22

107.0

642.00

136.00

450 x 200

450 x 200

9.0

14

18

76.0

456.00

96.76

450 x 300

440 x 300

11.0

18

24

124.0

744.00

157.40

500 x 200

500 x 200

10.0

16

20

89.6

537.60

114.20

500 x 300

488 x 300

11.0

18

26

128.0

768.00

163.50

600 x 200

600 x 200

11.0

17

22

106.0

636.00

134.40

600 x 300

588 x 300

12.0

20

28

151.0

906.00

192.50

600 x 300

594 x 302

14.0

23

28

175.0

1050.00

222.40

700 x 300

700 x 300

13.0

24

28

185.0

1110.00

235.50

800 x 300

800 x 300

14.0

26

28

210.0

1260.00

267.40

900 x 300

900 x 300

16.0

28

28

243.0

1458.00

309.80

บริษัท ดี.ดี.แมททีเรียล จำกัด

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H - BEAM

QUALITY JIS G 3192:1990

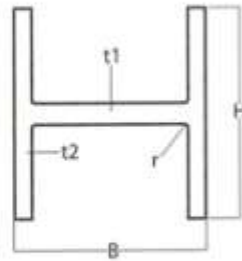
JIS G 3101:1995

TIS 1227:1996

GRADE SS 400 SS 540



เหล็กเอช - บีเอ็ม



Sectional Dimension (mm)					Weight		Sectional Area cm ²
Nominal Size	HxB	t1	t2	r	kg/m	kg/6m	
100 x 100	100 x 100	6.0	8	10	17.2	103.20	21.90
125 x 125	125 x 125	6.5	9	10	23.8	142.80	30.31
150 x 150	150 x 150	7.0	10	11	31.5	189.00	40.14
175 x 175	175 x 175	7.5	11	12	40.2	241.20	51.21
200 x 200	200 x 200	8.0	12	13	49.9	299.40	63.53
250 x 250	250 x 250	9.0	14	16	72.4	434.40	92.18
300 x 300	300 x 300	10.0	15	18	94.0	564.00	119.80
350 x 350	350 x 350	12.0	19	20	137.0	822.00	173.90
400 x 400	400 x 400	13.0	21	22	172.0	1032.00	218.70

บริษัท ดี.ดี.แมททีเรียล จำกัด

289/9 ม.13 ต.ราชพฤกษ์ อ.บางพลี จ.สมุทรปราการ 10540

I - BEAM

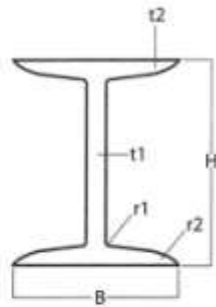
QUALITY JIS G 3192:1990

JIS G 3101:1995

TIS 1227:1996

GRADE SS 400 SS 540

เหล็กไอ - บีม



Sectional Dimension (mm)

Weight

Sectional

Area

cm²

HxB

t1

t2

r1

r2

kg/m

kg/6m

150 x 75

5.5

9.5

9

4.5

17.1

102.60

21.83

200 x 100

7.0

10.0

10

5.0

26.0

156.00

33.06

200 x 150

9.0

16.0

15

7.5

50.4

302.40

64.16

250 x 125

7.5

12.5

12

6.0

38.3

229.80

48.79

10.0

19.0

21

10.5

55.5

333.00

70.73

300 x 150

8.0

13.0

12

6.0

48.3

289.80

61.58

10.0

18.5

19

9.5

65.5

393.00

83.47

11.5

22.0

23

11.5

76.8

460.80

97.88

350 x 150

9.0

15.0

13

6.5

58.5

351.00

74.58

12.0

24.0

25

12.5

87.2

523.20

111.10

400 x 150

10.0

18.0

17

8.5

72.0

432.00

91.73

12.5

25.0

27

13.5

95.8

574.80

122.10

450 x 175

11.0

20.0

19

9.5

91.7

550.20

116.80

13.0

26.0

27

13.5

115.0

690.00

146.10

600 x 190

13.0

25.0

25

12.5

133.0

798.00

169.40

16.0

35.0

38

19.0

176.0

1056.00

224.50

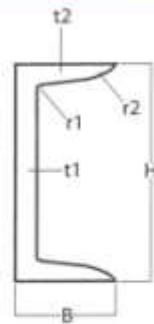
CHANNELS

QUALITY JIS G 3192:1990
JIS G 3101:1995
TIS 1227:1996

GRADE SS 400 SS 540



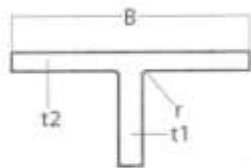
เหล็กรางน้ำ



Sectional Dimension (mm)					Weight		Sectional Area cm ²
HxB	t1	t2	r1	r2	kg/m	kg/6m	
50 x 25	5.0	6.0	6	3.0	3.86	23.16	4.92
75 x 40	5.0	7.0	8	4.0	6.92	41.50	8.82
100 x 50	5.0	7.5	8	4.0	9.36	56.20	11.92
125 x 65	6.0	8.0	8	4.0	13.40	80.40	17.11
150 x 75	6.5	10.0	10	5.0	18.60	111.60	23.71
	9.0	12.5	15	7.5	24.00	144.00	30.59
180 x 75	7.0	10.5	11	5.5	21.40	128.40	27.20
200 x 80	7.5	11.0	12	6.0	24.60	147.60	31.33
200 x 90	8.0	13.5	14	7.0	30.30	181.80	38.65
250 x 90	9.0	13.0	14	7.0	34.60	207.60	44.07
	11.0	14.5	17	8.5	40.20	241.20	51.17
300 x 90	9.0	13.0	14	7.0	38.10	228.60	48.57
	10.0	15.5	19	9.5	43.80	262.80	55.74
	12.0	16.0	19	9.5	48.60	291.60	61.90
380 x 100	10.5	16.0	18	9.0	54.50	327.00	69.39
	13.0	16.5	18	9.0	62.00	372.00	78.96
	13.0	20.0	24	12.0	67.30	403.80	85.71



เหล็กตัวที่คัต



บริษัท ดี.ดี.แมททีเรียล จำกัด

289/9 ม.13 ต.ราชพฤกษ์ อ.บางพลี จ.สมุทรปราการ 10540

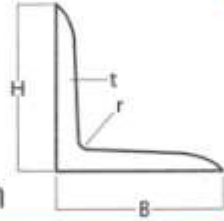
CUT - T

GRADE SS 400 SS 540

Sectional Dimension (mm)					Weight		Sectional Area cm ²
Nominal Size	HxB	t1	t2	r	kg/m	kg/6m	
50 x 100	50 x 100	6.0	8	10	8.60	51.60	10.95
62.5 x 125	62.5 x 125	6.5	9	10	11.90	71.40	15.16
75 x 75	75 x 75	5.0	7	8	7.00	42.00	8.93
75 x 100	74 x 100	6.0	9	11	10.55	63.30	13.42
75 x 150	75 x 150	7.0	10	11	15.75	94.50	20.07
87.5 x 175	87.5 x 175	7.5	11	12	20.10	120.60	25.61
100 x 100	100 x 100	5.5	8	11	10.65	63.90	13.58
100 x 150	97 x 150	6.0	9	13	15.30	91.80	19.51
100 x 200	100 x 200	8.0	12	13	24.95	149.70	31.77
125 x 125	125 x 125	6.0	9	12	14.80	88.80	18.83
125 x 175	122 x 175	7.0	11	16	22.05	132.30	28.12
125 x 250	125 x 250	9.0	14	16	36.20	217.20	46.09
150 x 150	150 x 150	6.5	9	13	18.35	110.10	23.39
150 x 200	147 x 200	8.0	12	18	28.40	170.40	36.19
150 x 300	150 x 300	10.0	15	18	47.00	282.00	59.89
175 x 175	175 x 175	7.0	11	14	24.80	148.80	31.57
175 x 250	170 x 250	9.0	14	20	39.85	239.10	50.76
175 x 350	175 x 350	12.0	19	20	68.50	411.00	86.94
200 x 200	200 x 200	8.0	13	16	33.00	198.00	42.06
200 x 300	195 x 300	10.0	16	22	53.50	321.00	67.98
200 x 400	200 x 400	13.0	21	22	86.00	516.00	109.30
225 x 200	225 x 200	9.0	14	18	38.00	228.00	48.38
225 x 300	220 x 300	11.0	18	24	62.00	372.00	78.69
250 x 200	250 x 200	10.0	16	20	44.80	268.80	57.12
250 x 300	244 x 300	11.0	18	26	64.00	384.00	81.76
300 x 200	300 x 200	11.0	17	22	53.00	318.00	67.21
300 x 300	294 x 300	12.0	20	28	75.50	453.00	96.24
300 x 300	297 x 302	14.0	23	28	87.50	525.00	111.20
350 x 300	350 x 300	13.0	24	28	92.50	555.00	117.70
400 x 300	400 x 300	14.0	26	28	105.00	630.00	133.70



เหล็กฉาก



ANGLES

QUALITY JIS G 3192:1990

JIS G 3101:1995

TIS 1227:1996

GRADE SS 400 SS 540

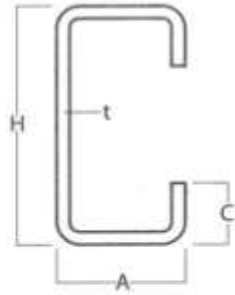
Size	Thickness	Weight		Radius of Fillet	Sectional Area
HxB(mm)	t(mm)	kg/m	kg/6m	r(mm)	cm ²
20 x 20	3	0.88	5.28	4.0	1.13
25 x 25	3	1.12	6.70	4.0	1.43
	5	1.77	10.60	4.0	2.26
30 x 30	3	1.36	8.10	4.0	1.73
	5	2.18	13.08	4.0	2.78
40 x 40	3	1.83	11.00	4.5	2.34
	4	2.42	14.52	4.5	3.08
	5	2.95	17.70	4.5	3.76
	6	3.52	21.12	4.5	4.48
50 x 50	4	3.06	18.30	6.5	3.89
	5	3.77	22.60	6.5	4.80
	6	4.43	26.60	6.5	5.64
65 x 65	5	5.00	30.00	8.5	6.37
	6	5.91	35.40	8.5	7.53
	8	7.66	46.00	8.5	9.76
75 x 75	6	6.85	41.10	8.5	8.73
	9	9.96	59.70	8.5	12.69
	12	13.00	78.00	8.5	16.56
90 x 90	7	9.59	57.50	10.0	12.22
	10	13.30	79.80	10.0	17.00
100 x 100	7	10.70	64.20	10.0	13.62
	10	14.90	89.20	10.0	19.00
	12	17.80	106.80	10.0	22.70
120 x 120	8	14.70	88.20	12.0	18.67
130 x 130	9	17.90	107.40	12.0	22.74
	12	23.40	140.40	12.0	29.76
	15	28.80	172.80	12.0	36.75
150 x 150	12	27.30	163.80	14.0	34.77
	15	33.60	201.60	14.0	42.74
	19	41.90	251.40	14.0	53.38
175 x 175	12	31.80	190.80	15.0	40.52
	15	39.40	236.40	15.0	50.21
200 x 200	15	45.30	274.80	17.0	57.75
	20	59.70	358.20	17.0	76.00
	25	73.60	441.60	17.0	93.75
250 x 250	25	93.70	562.20	24.0	119.40
	35	128.00	768.00	24.0	162.60

LIGHT LIP CHANNEL

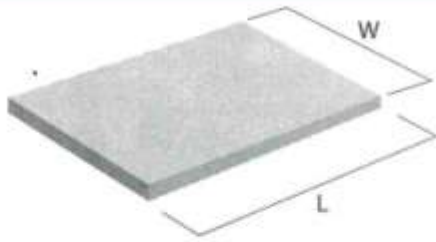
QUALITY TIS 1288:1994



เหล็กแปรรัดวชี



Dimension HxAxC(mm)	Thickness T(mm)	Weight		Sectional Area cm ²
		kg/m	kg/6m	
60 x 30 x 10	2.3	2.25	13.50	2.872
75 x 45 x 15	2.3	3.25	19.50	4.137
100 x 50 x 20	2.3	4.06	24.30	5.172
	3.2	5.50	32.70	7.007
	4.0	6.71	40.26	8.548
120 x 60 x 20	3.2	6.51	38.70	8.287
125 x 50 x 20	3.2	6.13	36.40	7.807
150 x 50 x 20	3.2	6.76	40.20	8.607
150 x 65 x 20	3.2	7.51	44.70	9.567
150 x 75 x 20	3.2	8.01	47.80	10.21
	4.0	9.85	58.20	12.55
	4.5	11.00	64.70	13.97
150 x 75 x 25	3.2	8.27	49.30	10.53
	4.0	10.20	61.20	12.95
	4.5	11.30	66.80	14.42
200 x 75 x 20	3.2	9.27	56.80	11.81
	4.0	11.40	67.00	14.55
200 x 75 x 25	3.2	9.52	56.80	12.13
	4.5	13.10	74.00	16.67
250 x 75 x 25	4.5	14.90	87.00	18.92



เหล็กแผ่นดำ

PLATE

QUALITY JIS G 3101
Grade SS400, SS490
JIS G 3131
Grade SPHC

Thickness mm	Width x Length Weight of One Plate (kg)		
	4'x8' (1219x2438)	5'x10' (1524x3048)	5'x20' (1524x6096)
1.2	28.0		
1.5	35.0		
2.0	46.7		
2.3	53.7		
2.5	58.3		
3.0	70.0	109.4	218.7
3.2	74.7	117.0	234.0
4.0	93.3	146.0	292.0
4.5	105.0	164.0	328.0
5.0	117.0	182.3	365.0
6.0	140.0	219.0	438.0
8.0	187.0	292.0	583.0
9.0	210.0	328.0	656.0
10.0	233.3	365.0	729.0
12.0	280.0	438.0	875.0
15.0	350.0	547.0	1094.0
16.0	373.0	584.0	1167.0
19.0	444.0	693.0	1386.0
20.0	467.0	729.0	1459.0
22.0	513.0	802.0	1604.0
25.0	583.0	912.0	1823.0
28.0	653.0	1021.0	2042.0
30.0	700.0	1094.0	2188.0
32.0	747.0	1167.0	2334.0
38.0	887.0	1385.0	2771.0



CHECKERED PLATES

GRADE SS 400

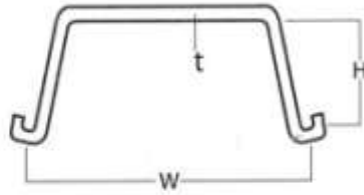
Thickness mm	Width x Length Weight of One Plate (kg)	
	4'x8' (1219x2438)	5'x10' (1524x3048)
2.3	52	
3.2	75	125
4.5	110	173
6.0	145	227
9.0	215	337

บริษัท ดี.ดี.แมททีเรียล จำกัด
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SHEET PILES

QUALITY JIS A 5228 : 1988
TIS 1390 : 1996

GRADE SY 295 SY 390



เหล็กซีทไพล์

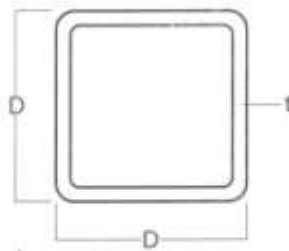
Section	Dimensions			Weight		Sectional Area
	w	h	t	per pile	per wall width	per pile
	mm	mm	mm	kg/m	kg/m ²	cm ²
	in	in	in	lbs/ft	lbs/ft ²	in ²
SP-III A	400	150	13.1	58.4	146.0	74.40
	15.7	5.91	0.516	39.2	29.9	11.53
SP-III	400	125	13.0	60.0	150.0	76.42
	15.7	4.92	0.512	40.3	30.7	11.85
SP-IV	400	170	15.5	76.1	190.0	96.99
	15.7	6.69	0.610	51.1	38.9	15.03

บริษัท ดี.ดี.แมททีเรียล จำกัด

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SQUARE TUBE

QUALITY TIS 107 : 1990



เหล็กกล่องสี่เหลี่ยม

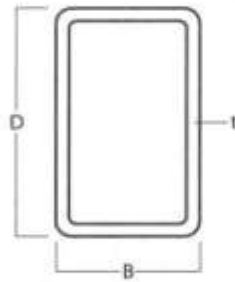
Size DxD	Thickness	Weight		Sectional Area cm ²
	t(mm)	kg/m	kg/6m	
25 x 25	2.3	1.53	9.18	1.950
	3.2	1.98	11.88	2.526
32 x 32	2.3	2.04	12.24	2.595
	3.2	2.69	16.14	3.422
38 x 38	2.3	2.47	14.82	3.147
	3.2	3.29	19.74	4.190
50 x 50	2.3	3.34	20.04	4.521
	3.2	4.50	27.00	5.726
60 x 60	2.3	4.06	24.36	5.171
	3.2	5.50	33.00	7.006
75 x 75	2.3	5.14	30.84	6.551
	3.2	7.01	42.06	8.926
	4.5	9.55	57.30	12.160
90 x 90	3.2	8.51	51.06	10.840
	4.5	11.67	70.02	14.860
100 x 100	2.3	6.95	41.70	8.851
	3.2	9.52	57.12	12.130
	4.5	13.09	78.54	16.660
150 x 150	3.2	14.54	87.24	18.520
	4.5	20.15	120.90	25.660
	6.0	26.40	158.40	33.630

RECTANGULAR TUBE

QUALITY TIS 107 : 1990



เหล็กกล่องสี่เหลี่ยมผืนผ้า



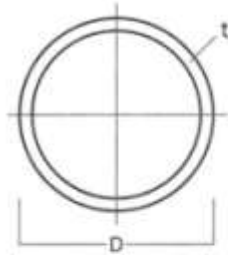
Size DxB	Thickness	Weight		Sectional Area cm ²
	t(mm)	kg/m	kg/6m	
50 x 25	2.3	2.44	14.64	3.101
	3.2	3.24	19.44	4.126
60 x 30	2.3	2.98	17.88	3.791
	3.2	3.99	23.94	5.086
75 x 38	2.3	3.81	22.86	4.850
	3.2	5.15	30.90	6.558
75 x 45	2.3	4.06	24.36	5.171
	3.2	5.50	33.00	7.006
100 x 50	2.3	5.14	30.84	6.551
	3.2	7.01	42.06	8.926
125 x 75	4.5	9.55	57.30	12.160
	2.3	6.95	41.70	8.851
	3.2	9.52	57.12	12.120
150 x 75	4.5	13.09	78.54	16.660
	2.3	7.85	47.10	10.000
	3.2	10.78	64.68	13.720
150 x 100	4.5	14.85	89.10	18.910
	3.2	12.03	72.18	15.320
	4.5	16.62	99.72	21.160
	6.0	21.70	130.20	27.630

PIPE

QUALITY TIS 107:1990



ท่อเหล็กดำ



Nominal Dimension (mm)	Outside Diameter d(mm)	Thickness t(mm)	Weight		Sectional Area cm ²
			kg/m	kg/6m	
15	21.4	2.3	1.08	6.48	1.380
20	27.2	2.3	1.40	8.40	1.780
25	33.8	2.3	1.81	10.86	2.300
32	42.4	2.3	2.28	13.68	2.900
40	48.6	2.3	2.62	15.72	3.330
		3.2	3.57	21.42	4.540
50	60.3	3.2	4.51	27.06	5.740
		4.5	6.19	37.14	7.890
65	76.3	3.2	5.76	34.56	7.340
		4.5	7.96	47.76	10.140
80	89.1	3.2	6.76	40.56	8.620
		4.5	9.37	56.22	11.930
90	101.6	3.2	7.77	46.62	9.890
		4.5	10.78	64.68	13.730
100	114.3	3.2	8.77	52.62	11.170
		4.5	12.19	73.14	15.520
		6.0	16.02	96.12	20.400
125	139.5	4.5	14.98	89.88	19.090
		6.0	19.75	118.50	25.160
150	165.2	4.5	17.86	107.16	22.750
		6.0	23.57	141.42	30.030