

CNBM International Corporation  
**STRUCTURE STEEL**



**CMAX**<sup>®</sup>

**CNBM INTERNATIONAL CORPORATION**

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**CNBM International Corporation**



# COMPANY PROFILE / CERTIFICATES

## CNBM GROUP

CNBM, China National Building Materials (Group) Corporation, is the largest company in China building material & equipment industry, with 50,000 employees and total assets of 55 billion RMB. For many consecutive years, CNBM is among the top 500 Chinese companies.

The business scope of CNBM covers from the design, manufacturing and sales of new building materials, chemical building materials, cement, steel products to the distribution of building materials, scientific research and design, real estate development, import and export trade, consulting service, etc.

CNBM has established extensive cooperation relationships with over 100 countries in the fields of building materials and equipments by making full use of its absolute superiority in both abundant source and solid technology support. We sincerely welcome partners around the world to establish business cooperation with us on the basis of mutual trust, benefit and development

## STRUCTURE STEEL DEPARTMENT

Our department is specialized in manufacturing and exporting various structure steel products.

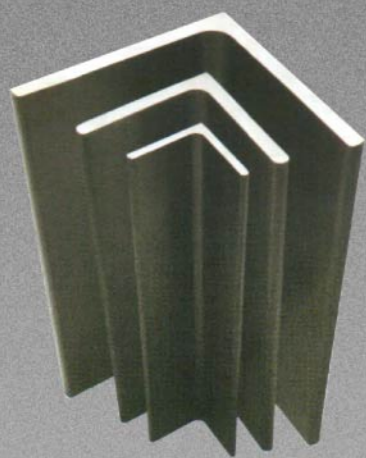
- EQUAL STEEL ANGLE, UNEQUAL STEEL ANGLE
- UPN/JIS U CHANNEL
- IPN PROFILE, IPE/IPEAA
- H BEAM
- FLAT BAR
- HR STEEL PLATE, HR CUTTING PLATE
- LIGHT RAIL/HEAVY RAIL
- ALLOY STEEL
- GALVANIZED STRUCTURE STEEL
- STAINLESS STEEL

We have developed various models of steel profile products in line with Japanese, US standard and European standard, We can ensure that stable quality standards are maintained, strictly meeting both market requirement and customer expectations. Our products enjoy an excellent reputation and have been exported to Africa, the Middle East, and Southeast Asia. Sincerely hope to establish good and long-term business relationship with esteemed company from all over the world.

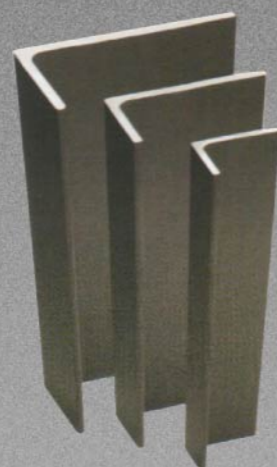




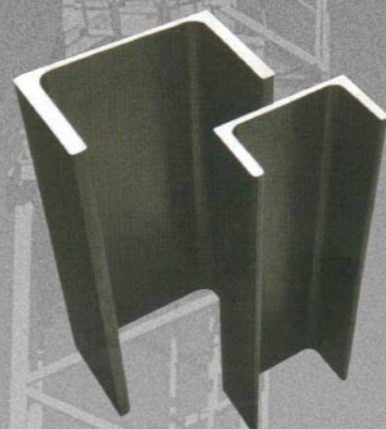
**PRODUCT RANGE**



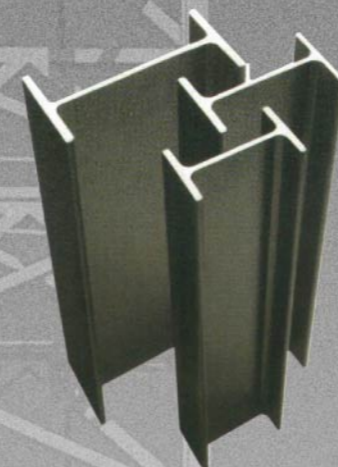
**EQUAL ANGLE**



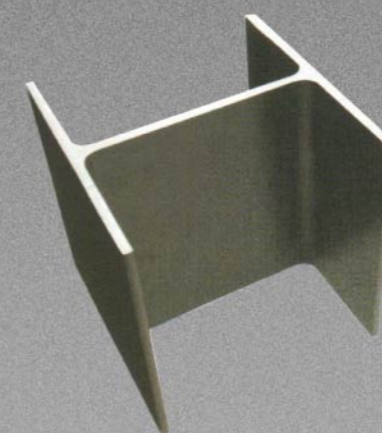
**UNEQUAL ANGLE**



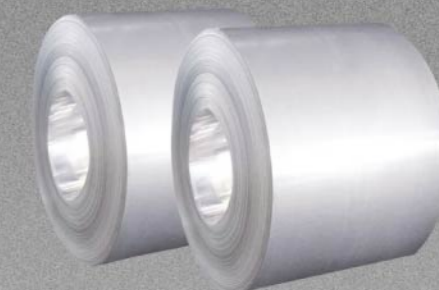
**JIS U CHANNEL**



**IPE / IPEAA**



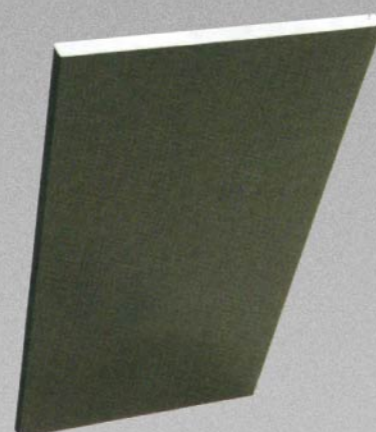
**H-BEAM**



**STAINLESS STEEL**



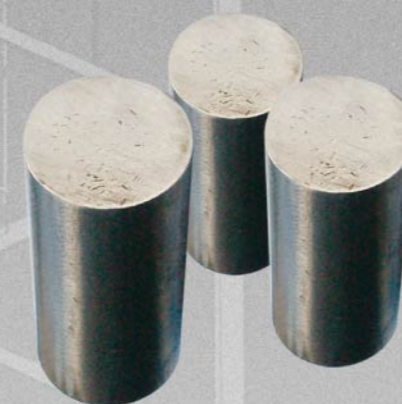
**FLAT BAR**



**HR PLATE**



**SQUARE BAR**



**ROUND BAR**



**GALVANIZED STEEL**



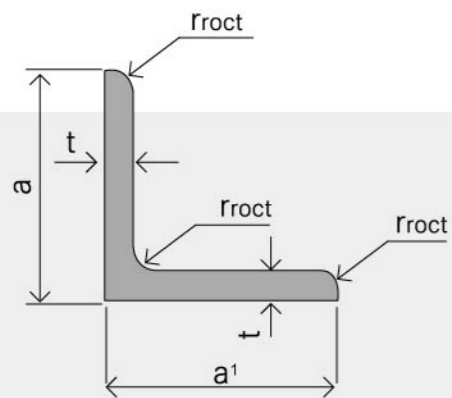
**STAINLESS BAR**



# EQUAL STEEL ANGLE

■ **APPLICATION**

- Trusses
- Transmission towers
- Telecommunication towers
- Bracing for general structures
- Stiffeners in structural use



Sizes: 20mm to 250mm

Dimensional Specifications:  
JIS G3192, DIN 1028, EN10056, GB 700-1988

Material Specifications:  
JIS G3192,SS400,SS540,  
EN 10025, S235JR,S355JR  
ASTM A36  
GB Q235B,Q345B or Equivalen



EQUAL ANGLE	Dimensions		Dimensional Specifications		
	a (mm)	t (mm)	EN 10056	JIS G3192	GB 707-88
A20 X 20 X 2.5	20	2.5	X	X	0.754
A20 X 20 X 3	20	3	X	X	0.889
A20 X 20 X 4	20	4	X	X	1.145
A25 x 25 x 2.5	25	2.5	X	X	0.95
A25 x 25 x 2.7	25	2.7	X	X	1.02
A25 x 25 x 3	25	3	X	X	1.124
A25 x 25 x 4	25	4	X	X	1.459
A25 x 25 x 5	25	5	X	X	1.778
A25 x 25 x 6	25	6	X	X	2.08
A30 x 30 x 2.5	30	2.5	X	X	1.074
A30 x 30 x 2.3	30	2.5	X	X	1.16
A30 x 30 x 2.7	30	2.7	X	X	1.246
A30 x 30 x 3	30	3	X	X	1.373
A30 x 30 x 4	30	4	X	X	1.786
A30 x 30 x 5	30	5	X	X	2.184
A30 x 30 x 6	30	6	X	X	2.564
A36 x 36 x 3	36	3	X	X	1.656
A36 x 36 x 4	36	4	X	X	2.163
A36 x 36 x 5	36	5	X	X	2.654
A38 x 38 x 2.3	38	2.3	X	X	1.371
A38 x 38 x 2.5	38	2.5	X	X	1.482
A38 x 38 x 2.7	38	2.7	X	X	1.593
A38 x 38 x 3	38	3	X	X	1.758
A38 x 38 x 3.7	38	3.7	X	X	2.137
A38 x 38 x 3.8	38	3.8	X	X	2.19
A38 x 38 x 4	38	4	X	X	2.297
A38 x 38 x 5	38	5	X	X	2.82
A38 x 38 x 6	38	6	X	X	3.326
A40 X 40 X 3	40	3	X	1.83	1.852
A40 X 40 X 4	40	4	2.42	X	2.422
A40 X 40 X 5	40	5	2.97	2.95	2.976
A45 X 45 X 4	45	4	2.74	2.74	2.736
A45 X 45 X 5	45	5	3.38	3.38	3.369
A45 X 45 X 6	45	6	4.0	X	X
A50 X 50 X 4	50	4	3.06	3.06	3.059
A50 X 50 X 5	50	5	3.77	3.77	3.77
A50 X 50 X 6	50	6	4.47	4.43	4.465
A60 X 60 X 4	60	4	3.7	3.68	3.643
A60 X 60 X 5	60	5	4.57	4.55	4.514
A60 X 60 X 6	60	6	5.42	X	X
A60 X 60 X 8	60	8	7.09	X	X
A60 X 60 X 10	60	10	8.72	X	X
A63 X 63 X 5	63	5	X	X	4.822
A63 X 63 X 6	63	6	X	X	5.721
A65 X 65 X 4	65	4	4.02	X	X
A65 X 65 X 5	65	5	4.97	5.0	4.907
A65 X 65 X 6	65	6	5.91	5.91	5.841
A65 X 65 X 8	65	8	7.73	7.66	7.662
A70 X 70 X 6	70	6	6.38	6.38	6.406
A70 X 70 X 7	70	7	7.38	X	7.398
A70 X 70 X 8	70	8	8.36	X	8.373
A70 X 70 X 9	70	9	9.34	X	X
A75 X 75 X 6	75	6	6.85	6.85	6.905
A75 X 75 X 7	75	7	7.94	X	7.976
A75 X 75 X 8	75	8	8.99	X	9.03
A75 X 75 X 9	75	9	10.1	9.96	X
A80 X 80 X 5	80	5	6.17	X	X
A80 X 80 X 6	80	6	7.34	7.32	7.376
A80 X 80 X 7	80	7	8.49	X	8.525
A80 X 80 X 8	80	8	9.63	X	9.658
A80 X 80 X 10	80	10	11.9	X	X

EQUAL ANGLE	Dimensions		Dimensional Specifications		
	a (mm)	t (mm)	EN 10056	JIS G3192	GB 707-88
A90 X 90 X 7	90	7	9.61	9.59	9.656
A90 X 90 X 8	90	8	10.9	X	10.946
A90 X 90 X 9	90	9	12.2	X	X
A90 X 90 X 10	90	10	13.5	13.3	13.478
A100 X 100 X 6	100	6	9.26	X	9.366
A100 X 100 X 7	100	7	10.7	10.7	10.83
A100 X 100 X 8	100	8	12.2	X	12.276
A100 X 100 X 9	100	9	13.6	X	X
A100 X 100 X 10	100	10	15	14.9	15.12
A100 X 100 X 12	100	12	17.8	X	17.898
A110 x 110 x 8	110	8	13.43	X	X
A110 x 110 x 9	110	9	15.02	X	X
A110 x 110 x 10	110	10	16.6	X	X
A120 X 120 X 6	120	6	11.1	X	X
A120 X 120 X 7	120	7	12.9	X	X
A120 X 120 X 8	120	8	14.7	14.7	14.57
A120 X 120 X 9	120	9	16.5	X	X
A120 X 120 X 10	120	10	18.2	X	18.055
A120 X 120 X 11	120	11	19.9	X	X
A120 X 120 X 12	120	12	21.6	X	X
A120 X 120 X 15	120	15	26.6	X	X
A125 X 125 X 8	125	8	X	X	15.504
A125 X 125 X 10	125	10	X	X	19.133
A125 X 125 X 12	125	12	X	X	22.696
A125 X 125 X 14	125	14	X	X	26.193
A130 X 130 X 9	130	9	17.9	17.9	X
A130 X 130 X 10	130	10	19.8	X	19.625
A130 X 130 X 11	130	11	21.7	X	X
A130 X 130 X 12	130	12	23.6	23.4	X
A130 X 130 X 13	130	13	25.4	X	X
A130 X 130 X 15	130	15	X	28.8	X
A140 X 140 X 10	140	10	X	X	21.488
A140 X 140 X 12	140	12	X	X	25.522
A140 X 140 X 14	140	14	X	X	29.49
A150 x 150 x 10	150	10	23.0	X	22.765
A150 x 150 x 11	150	11	25.15	X	X
A150 x 150 x 12	150	12	27.32	27.3	27.13
A150 x 150 x 13	150	13	29.49	X	X
A150 x 150 x 14	150	14	31.64	X	X
A150 x 150 x 15	150	15	33.76	33.6	X
A150 x 150 x 16	150	16	35.87	X	X
A150 x 150 x 18	150	18	40.04	X	X
A150 x 150 x 19	150	19	42.1	41.9	X
A150 x 150 x 20	150	20	44.15	X	X
A160 X 160 X 10	160	10	X	X	24.729
A160 X 160 X 12	160	12	X	X	29.391
A160 X 160 X 14	160	14	X	X	33.987
A160 X 160 X 16	160	16	X	X	38.518
A175 x 175 x 12	175	12	X	31.8	X
A175 x 175 x 15	175	15	X	39.4	X
A180 X 180 X 12	180	12	X	X	33.159
A180 X 180 X 14	180	14	X	X	38.383
A180 X 180 X 16	180	16	43.5	X	43.542
A180 X 180 X 18	180	18	48.6	X	48.634
A200 X 200 X 14	200	14	X	X	42.894
A200 x 200 x 15	200	15	X	45.3	X
A200 x 200 x 16	200	15	48.5	X	48.894
A200 x 200 x 20	200	20	59.5	59.7	60.056
A200 x 200 x 24	200	24	71.7	X	71.168
A200 x 200 x 25	200	25	X	73.6	X
A250 x 250 x 25	250	25	X	93.7	X



**UNEQUAL STEEL ANGLE**

**HOT ROLLED SHEET&PLATE**

- APPLICATION
- Industrial building
- Ship building
- Steel structure
- Transmission pole

	Standard	Grade
Standard&Grade	GB/T 912-1898 GB/T 327-1988	Q235B/Q235C/Q235D, Q345B/Q345C/Q345D
	JIS G3101, JIS G3106, JISG3131 JIS G3135, JIS G4501	SS400, SM490A
	EN 10025	S235JR/S235J0/S235J2, S275JR/S275J0/S275J2, S355JR/S235J0/S235J2
	ASTM A6	ASTM A36, ASTM A516 GR 50, ASTM A572 GR50

■ Available width&thickness

Width(mm)	Thickness(mm)							
		2/4/6/8/10/12/14	16-30	32-50	60-80	80-100	100-250	
1000		√						
1220		√	√					
1250		√	√					
1500		√	√					
1800		√	√	√	√	√		
2000		√	√	√	√	√	√	
2200			√	√	√	√	√	
2500			√	√	√	√	√	
2800			√	√	√	√	√	
3000			√	√	√	√	√	

Theoretical weight calculation:

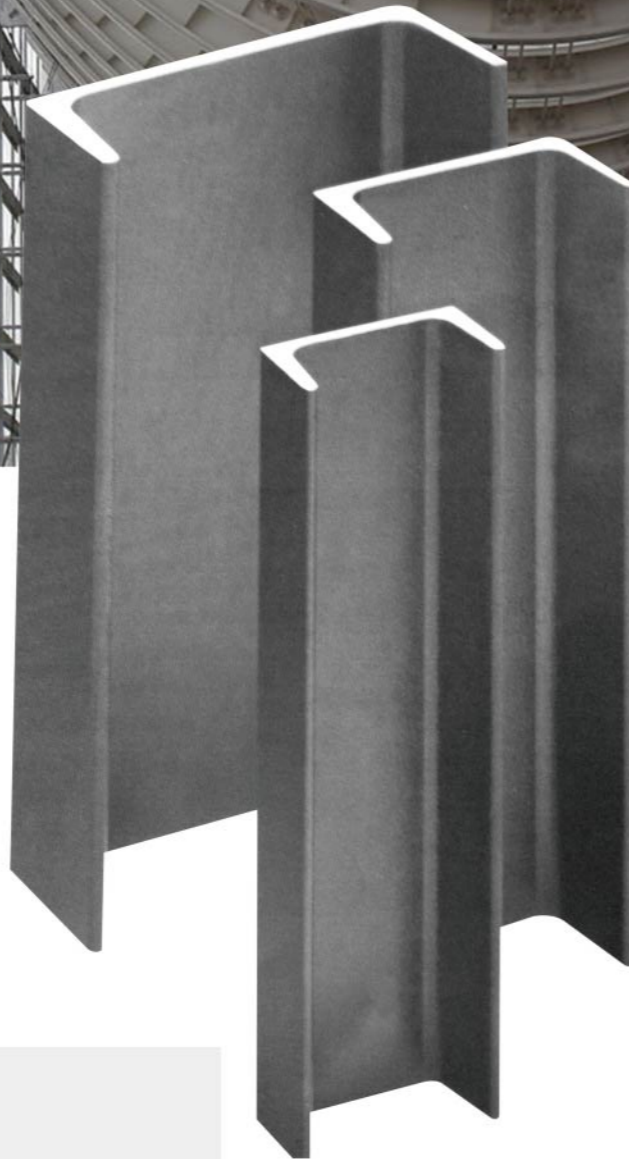
$7.85g/cm^3 \times thickness(mm) \times width(m) = Weight\ kg/m$



UNEQUAL ANGLE	Dimensions			Dimensional Specifications Mass: Kg/m JIS G3192
	a1 (mm)	a2 (mm)	t (mm)	
75 x 50 x 5	75	50	5	4.8
75 x 50 x 6	75	50	6	5.66
75 x 50 x 8	75	50	8	7.43
100 X 50 X 6	100	50	6	6.84
100 X 50 X 8	100	50	8	8.97
100 X 75 X 6	100	75	6	8.04
100 X 75 X 7	100	75	7	9.32
100 X 75 X 8	100	75	8	10.6
100 X 75 X 9	100	75	9	11.8
100 X 75 X 10	100	75	10	13.0
100 X 75 X 12	100	75	12	15.4
125 X 75 X 7	125	75	7	10.7
125 X 75 X 8	125	75	8	12.2
125 X 75 X 9	125	75	9	13.6
125 X 75 X 10	125	75	10	15.0
125 X 75 X 12	125	75	12	17.8
150 X 75 X 9	150	75	9	15.4
150 X 75 X 10	150	75	10	17.0
150 X 75 X 12	150	75	12	20.2
150 X 75 X 15	150	75	15	24.8
150 X 90 X 9	150	90	9	16.5
150 X 90 X 10	150	90	10	18.2
150 X 90 X 12	150	90	12	21.6
150 X 90 X 15	150	90	15	26.6
150 X 100 X 10	150	100	10	18.79
150 X 100 X 12	150	100	12	22.5
200 X 100 X 10	200	100	10	23.0
200 X 100 X 12	200	100	12	27.3
200 X 100 X 15	200	100	15	33.7



**UPN / JIS U CHANNEL / GB U CHANNEL**

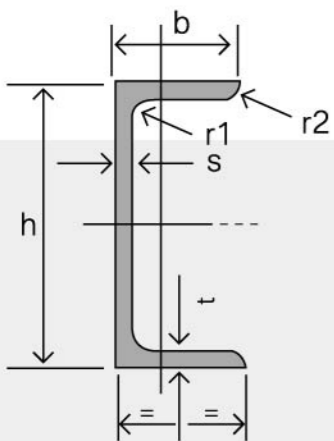


Section	Standard Sectional Dimension				Mass Kg/m
	h (mm)	b (mm)	s (mm)	t (mm)	
<b>EN Standard Channels (UPN)</b>					
80X45	80	45	6.0	8.0	8.64
100X50	100	50	6.0	8.5	10.6
120X55	120	55	7.0	9.0	13.4
140X60	140	60	7.0	10.0	16.0
160X65	160	65	7.5	10.5	18.8
180X70	180	70	8.0	11.0	22.0
<b>JIS Standard Channels</b>					
50 X25	50	25	3.0	6.00	.37
75 X40	75	40	3.8	7.00	5.30
75 X 40	75	40	4.0	7.00	5.60
75 X 40	75	40	4.5	7.00	5.85
75 X 40	75	40	5.0	7.00	6.92
100 X 50	100	50	3.8	6.00	7.30
100 X 50	100	50	4.2	6.00	8.03
100 X 50	100	50	4.5	7.50	8.97
100 X 50	100	50	5.0	7.50	9.36
125 X 65	125	65	5.2	6.80	11.66
125 X 65	125	65	5.3	6.80	12.17
125 X 65	125	65	5.5	8.00	12.91
125 X 65	125	65	6.0	8.00	13.40
150 X 75	150	75	5.5	7.30	14.66
150 X 75	150	75	5.7	10.0	16.71
150 X 75	150	75	6.0	10.0	17.90
150 X 75	150	75	6.5	10.0	18.60
150 X 75	150	75	9.0	12.5	24.00
200 X 80	200	80	7.5	11.0	24.60
200 X 90	200	90	8.0	13.5	30.30

Section	Standard Sectional Dimension				Mass Kg/m
	h (mm)	b (mm)	s (mm)	t (mm)	
<b>GB Standard Channels</b>					
50 X 37	50	37	4.50	7.0	5.438
63 X 40	63	40	4.80	7.5	6.634
80 X 43	80	43	5.00	8.0	8.045
100 X 48	100	48	5.30	8.5	10.007
120 X 53	120	53	5.50	9.0	12.059
140 X 58	140	58	6.00	9.5	14.535
140 X 60	140	60	8.00	9.5	16.733
160 X 63	160	63	6.50	10.0	17.240
160 X 65	160	65	8.50	10.0	19.752
180 X 68	180	68	7.00	10.5	20.174
180 X 70	180	70	9.00	10.5	23.000
200 X73	200	73	7.00	11.0	22.637
200 X 75	200	75	9.00	11.0	25.777
220 X 77	220	77	7.00	11.5	24.999
220 x 79	220	79	9.00	11.5	28.453
250 x 78	250	78	7.00	12.0	27.410
250 x 80	250	80	9.00	12.0	31.335
250 x 82	250	82	11.0	12.0	35.260
280 x 82	280	82	7.50	12.5	31.427
280 x 84	280	84	9.50	12.5	35.823
280 x 86	280	86	11.5	12.5	40.219
300 x 85	300	85	7.50	13.5	34.463
300 x 87	300	87	9.50	13.5	39.173
300 x 89	300	89	11.5	13.5	43.883

■ **APPLICATION**

- Warehouses
- Car parks
- Workshops
- Grandstands & Sport stadiums
- Multi-story frame structures



Sizes: 50 mm to 300 mm

Dimensional Specificaons:  
EN10025, JIS G3192, DIN 1026, GB 707-88

Material Specifications:  
JIS G3192, SS400, EN 10025, S235JR, ASTM A36, GB Q235B, Q345B or Equivalent



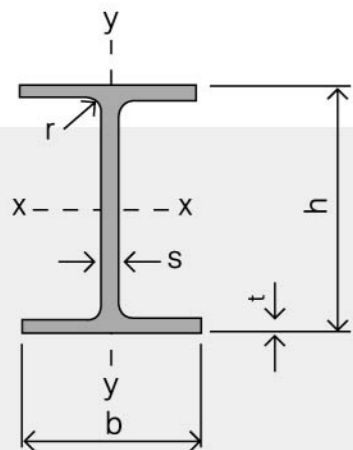


**IPE / IPEAA**



■ **APPLICATION**

- Commercial building structure
- Pre-engineered buildings
- Machinery support structures
- Prefabricated structure
- Medium scale bridges



Sizes: 80 mm to 270 mm

Dimensional Specifications:  
EN10025

Material Specifications:  
EN 10025, S235JR,  
GB Q235B or Equivalent

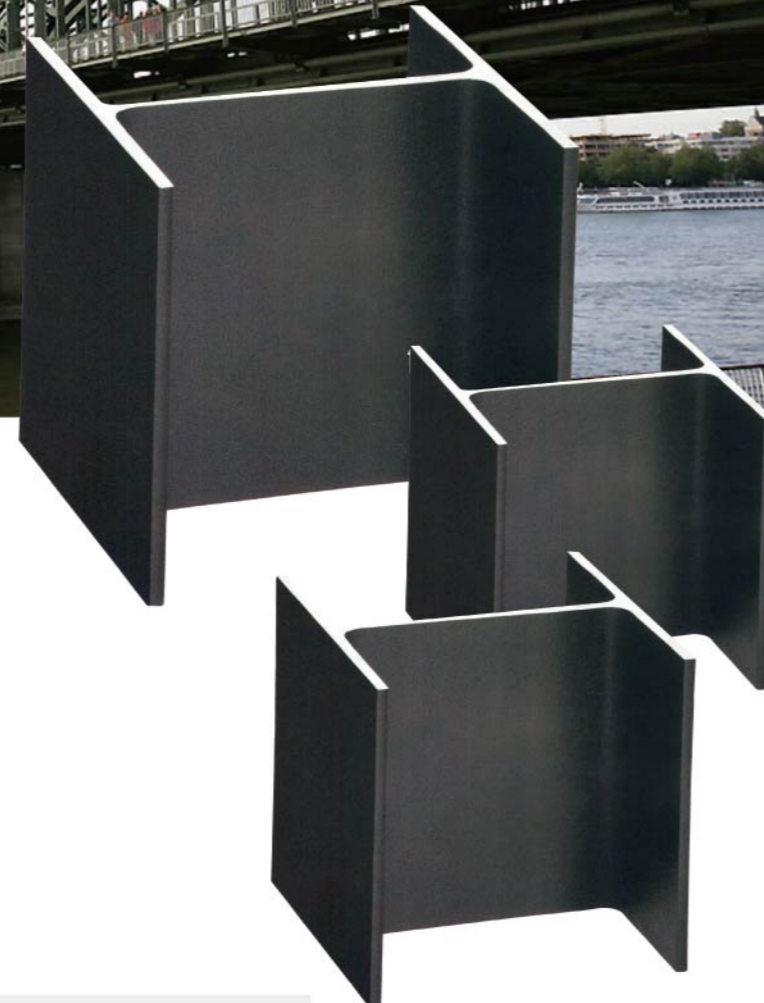
Section	Standard Section Dimensions(mm)				Mass Kg/m
	h	b	s	t	
IPE 80	80	46	3.80	5.20	6.00
IPE 100	100	55	4.10	5.70	8.10
IPE 120	120	64	4.80	6.30	10.40
IPE 140	140	73	4.70	6.90	12.90
IPE 160	160	82	5.00	7.40	15.80
IPE 180	180	91	5.30	8.00	18.80
IPE 200	200	100	5.60	8.50	22.40
IPE 220	220	110	5.90	9.20	26.20
IPE 240	240	120	6.20	9.80	30.70
IPE 270	270	135	6.60	10.20	36.10

Section	Standard Section Dimensions(mm)				Mass Kg/m
	h	b	s	t	
IPEAA 80	80	46	3.20	4.20	4.95
IPEAA 100	100	55	3.60	4.50	6.72
IPEAA 120	120	64	3.80	4.80	8.36
IPEAA 140	140	73	3.80	5.20	10.05
IPEAA 160	160	82	4.00	5.60	12.31
IPEAA 180	180	91	4.30	6.50	15.40
IPEAA 200	200	100	4.50	6.70	17.95



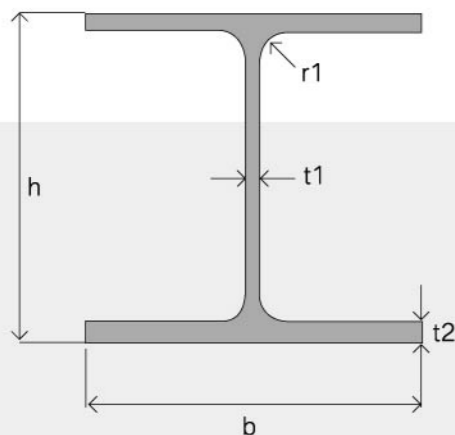


**H BEAM**



■ **APPLICATION**

- Commercial building structure
- Pre-engineered buildings
- Machinery support structures
- Prefabricated structure
- Medium scale bridges



Sizes: 100 mm to 900 mm

Dimensional Specifications:  
JIS G 3192

Material Specifications:  
JIS SS400, GB Q235B or Equivalent

Section	Standard Section Dimensions(mm)				
	h	b	t1	t2	Mass Kg/m
100 X 50	100	50	5.0	7	9.30
100 X 100	100	100	6.0	8	16.9
125 X 60	125	60	6.0	8	13.1
125 X 125	125	125	6.5	9	23.6
150 X 75	150	75	5.0	7	14.0
148 X 100	148	100	6.0	9	20.7
150 X 150	150	150	7.0	10	31.1
175 X 90	175	90	5.0	8	18.0
175 X 175	175	175	5.0	11	40.4
198 X 99	198	99	4.5	7	17.8
200 X 100	200	100	5.5	8	20.9
194 X 150	194	150	6.0	9	29.9
200 X 200	200	200	8.0	12	49.9
200 X 204	200	204	12.0	12	56.2
248 X 124	248	124	5.0	8	25.1
250 X 125	250	125	6.0	9	29.0
244 X 175	244	175	7.0	11	43.6
250 X 250	250	250	9.0	14	71.8
250 X 255	250	255	14.0	14	81.6
298 X 149	298	149	5.5	8	32.0
300 X 150	300	150	6.5	9	36.7
294 X 200	294	200	8.0	12	55.8
294 X 302	294	302	12.0	12	83.4
300 X 300	300	300	10.0	15	93.0
300 X 305	300	305	15.0	15	105
346 X 174	346	174	6.0	9	41.2
350 X 175	350	175	7.0	11	49.4
340 X 250	340	250	9.0	14	78.1
344 X 348	344	348	10.0	16	113
350 X 350	350	350	12.0	19	135
396 x 199	396	199	7.0	11	56.1
400 x 200	400	200	8.0	13	65.4
400 x 300	390	300	10.0	16	105
388 x 402	388	402	15.0	15	140
394 x 398	394	398	11.0	18	147
400 x 400	400	400	13.0	21	172
400 x 408	400	408	21.0	21	197

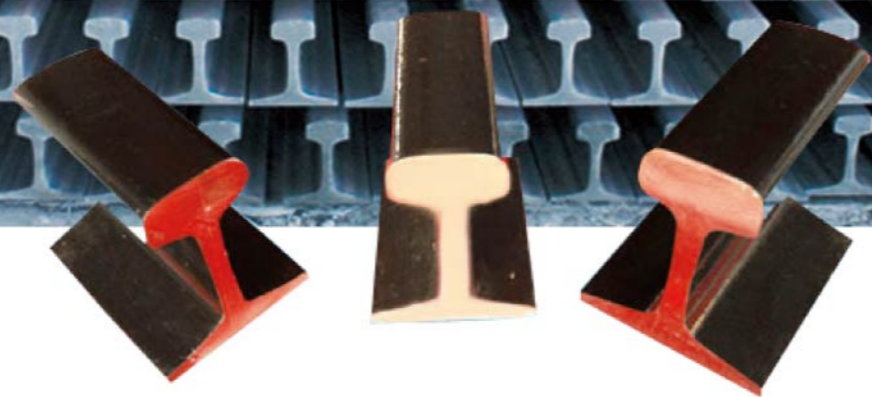
Section	Standard Section Dimensions(mm)				
	h	b	t1	t2	Mass Kg/m
414 x 405	414	405	18	28	232
428 x 407	428	407	20	35	283
458 x 417	458	417	30	50	415
498 x 432	498	432	45	70	605
446 x 199	446	199	8	12	65.1
450 x 200	405	200	9	14	74.9
440 x 300	440	300	11	18	121
496 x 199	496	199	9	14	77.9
500 x 200	500	200	10	16	88.2
506 x 201	506	201	11	19	102
482 x 300	482	300	11	15	111
488 x 300	488	300	11	18	125
596 x 199	596	199	10	15	92.5
600 x 200	600	200	11	17	103
606 x 201	606	201	12	20	118
582 x 300	582	300	12	17	133
588 x 300	588	300	12	20	147
594 x 302	594	302	14	23	170
692 x 300	692	300	13	20	163
700 x 300	700	300	13	24	182
792 x 300	792	300	14	22	188
800 x 300	800	300	14	26	207
890 x 299	890	299	15	23	210
900 x 300	900	300	16	28	240
912 x 302	912	302	18	34	283







## LIGHT RAIL/HEAVY RAIL



### APPLICATION

railway  
subway  
transportation track  
express  
curve way  
tunnel way

### Sizes

Light rail: 9kg, 12kg, 15kg, 22kg, 30kg  
Heavy rail: 38kg, 43kg, 45kg, 50kg, 60kg  
Material specifications:  
Light rail: GB11264-89 Q235B, 55Q  
Heavy rail: GB2585-81 50MN U71MN

Section	Standard Sectional Dimension							Section cm <sup>2</sup>	Mass kg/m
	Height (mm)	Bottom width (mm)	Head width (mm)	Head height (mm)	Waist height (mm)	Bottom height (mm)	Waist thickness (mm)		
9	63.5	63.5	32.1	17.48	35.72	10.3	5.9	11.3	8.94
12	69.85	69.85	38.1	19.85	37.7	12.3	7.54	15.54	12.2
15	79.37	79.37	42.86	22.22	43.65	13.5	8.33	19.33	15.2
22	93.66	93.66	50.8	26.99	50	16.67	10.72	28.39	22.3
30	107.95	107.95	60.33	30.95	57.55	19.45	12.3	38.32	30.1

Section	Standard Sectional Dimension				Section (cm <sup>2</sup> )	Length (m)	Mass (kg/m)
	Height	Bottom width	Head width	Waist thickness			
38	134	114	68	13	49.5	9-12.5/25	
43	140	114	70	14.5	57	12.5-25	51.514
45	145	126	67	14.5		12.5-25	45.546
50	152	132	70	15.5	65.8	12.5-25	44.653
60	176	150	73	16.5		12.5-25	38.733

# CMAX<sup>®</sup>

## ALLOY STEEL

### APPLICATION

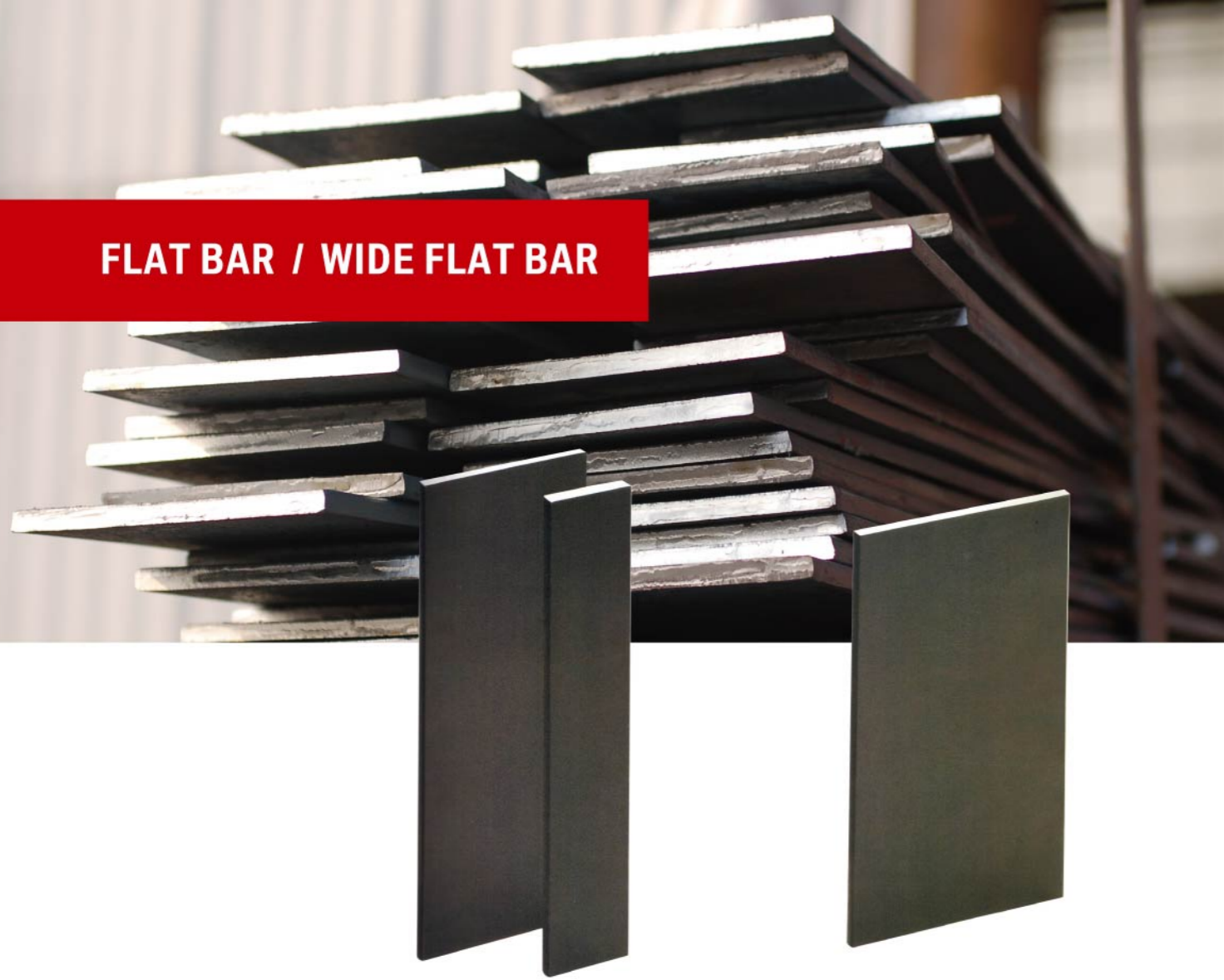
Mechanical parts  
Auto mobile parts  
Ship building  
Steel structure

Alloy Steel	Standard				Grade	
	China	U.S.A	Japan	DIN		
Alloy Structure Steel	GB/T 3077	ASTM A29 A322	JIS G4102 G4106	DIN EN 10083-1		
Bearing Steel	GB/T 18254	ASTM A295	JIS G4805	DIN 17230	GCr15, GCr15SiMn, 100Cr6, SAE52100, SUJ2	
Spring Steel	GB/T 1222	ASTM A689	JIS G4801	DIN 17221	65, 70, 85, 65Mn, 55S1MnVB, 60S12Mn, 60S12CrA, 60S12CrVA, 55S1CrA, 55CrMnA, 60CrMnA, 50CrVA, 60CrMnBA, 30W4Cr2VA	
Auto Vehicle Steel	Gear	GB/T 5216	x	x	x	20CrMoTi, 22CrMoH
		x	x	x	DIN EN 10084	16-20MnCr5
		GB/T 3077	ASTM A304	x	x	20CrNiMo, SAE8620H
	Crank shaft and Ram	x	x	JIS G4052	x	SCM822H, SCM420H, SCM420H2
		GB/T 3077	x	x	x	42CrMo, 40CrNiMo
		GB/T 5216	x	x	x	40CrH
Anchor Chain Steel	GB/T 18669	ABS	NK	GL	SBC690, RSBC70, U3, GL-K3, ABS-U3, NV-K3, Q3, CM690	





## FLAT BAR / WIDE FLAT BAR



Width (mm)	Thickness (mm )										
	3	5	6	8	10	12	15	16	20	25	30
Mass (Kg/m)											
20	0.47	0.78		1.26							
25		0.98		1.57	1.96						
30		1.18		1.88	2.35						
35		1.37		2.20	2.75						
40		1.57		2.51	3.14	3.77		5.02	6.28		
45		1.77		2.82	3.53	4.24		5.65	7.07		
50		1.96		3.14	3.92	4.74		6.28	7.85		
60		2.36	2.83	3.77	4.71	5.65	7.07	7.53	9.42	11.80	14.10
65		2.55	3.06	4.08	5.10	6.12					
70		2.75	3.30	4.40	5.50	6.59		8.79	10.99		
75			3.53	4.71	5.89	7.07	8.83				
80		3.14	3.77	5.02	6.28	7.54		10.05	12.60		
90			4.24	5.65	7.07	8.48		11.30			
100		3.93	4.71	6.28	7.85	9.42	11.80	12.30	15.70	19.60	23.60

**CMAX**<sup>®</sup>

## GALVANIZED STRUCTURE STEEL



### APPLICATION

Products: Angle, Channel, IPE/IPEAA, Beam, flat bar, hollow section  
 Steel grade: Q235, Q345, SS400, ST37, ST52, S275JR, S355JR, ASTM A36  
 Hot dipped galvanize  
 Standard: ISO1461:1999  
 Zinc coating: Customized under standard  
 Zinc thickness: Customized under standard  
 Electro galvanize  
 Zinc coating: 180g/m<sup>2</sup>–500g/m<sup>2</sup>  
 Zinc thickness: 20 μm–80 μm

## CHEQUERED STEEL PLATE

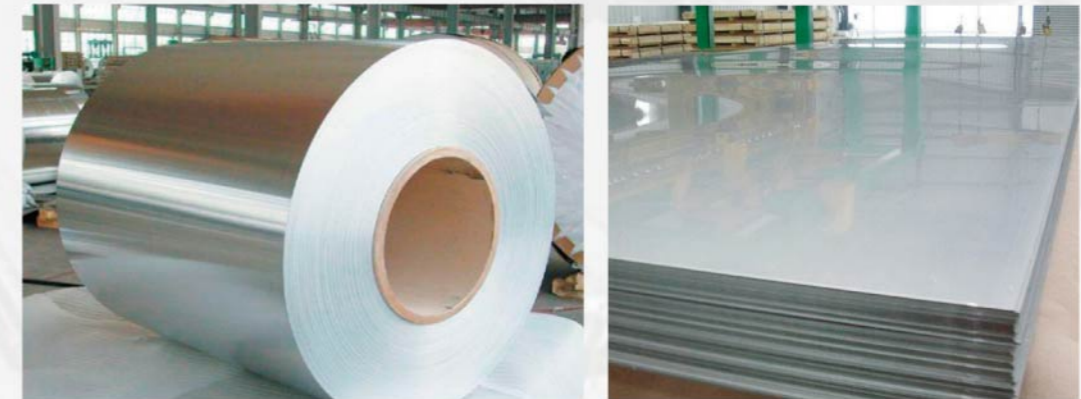
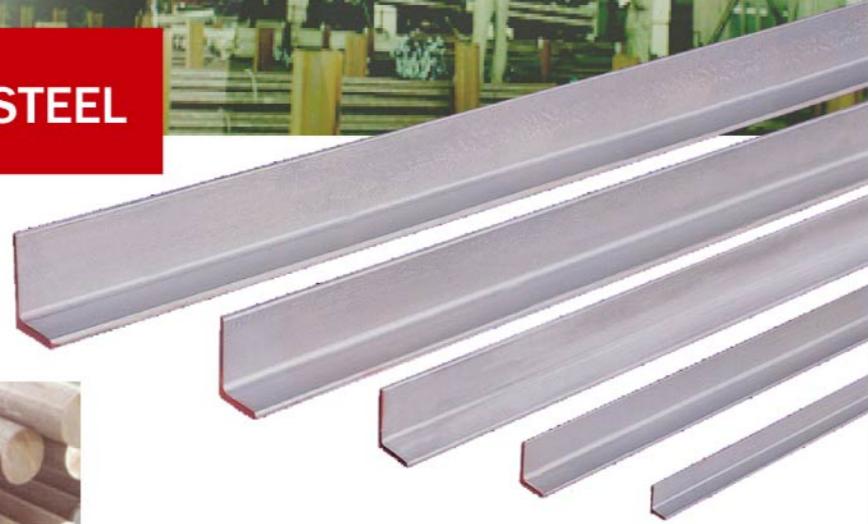
Steel Grade	GBT 3277	Q235
	DIN 5922	S235JR
Specification	Width(mm):1000-1600	
	Thickness(mm):1.3-2.5	





**STAINLESS STRUCTURE STEEL**

**STAINLESS STEEL COILS/PLATES/SHEETS**



Stainless Steel Black Surface Round Bar
Hot Rolled Round Bar From diameter 60mm to 130mm
Forged Round Bar From diameter 130mm to 300mm
Standard: ASTM A 484/484M, EN 10060/ DIN 1013

Stainless Steel Bright Round Bar (Cold Drawn & Polished)
From Diameter 3mm to 60mm
Also we make Inch Size
From Diameter 1/8" to 2 1/4
Tolerance: ASTM A276/A 484M, EN 10278, DIN 671



Stainless Steel Hot Rolled & Annealed & Pickled Equal Angle Bar		
Available size mm		
Width		WThickness
25 x 25		3 4 5
30 x 30		3 4 5
40 x 40		3 4 5 6
50 x 50		4 5 6
60 x 60		5 6 7
65 x 65		5 6 7
70 x 70		6 7 8
75 x 75		6 7 8 9
80 x 80		7 8 9 10
100 x 100		8 9 10 12

Tolerance: ASTM A276/A 484M, EN 10056/DIN 1028,GB4227

■ MAIN SPECIFICATION :

Size	Coil	Cold Roll: Thickness: 0.3mm - 8mm, Width: 280mm - 2100mm
		Hot Roll: Thickness: 3mm - 14mm, Width: 650mm - 2100mm
	Plate	Thickness: 2mm - 80mm, Width: 1500mm - 3000mm
Grade	201, 202, 304/L/H, 316/L/H, 321/H, 317/H, 347H, 310S, 430, 409/L, 31803, etc	
Standard	ASTM/JIS/DIN/GB	
Finish	2B, 2D, BA, NO.1, NO.3, NO.4, SB, NO.8, HL,etc	





## DEFORMED STEEL BAR

BS4449-G460B-1997  
 ASTM 165/706-G40/60  
 GB(HRB335/HRB400/HRB500)  
 DIN488-1 420S/500S, BST500S

Standard	ASTM, BS, DIN, GB
Diameter	8mm–50mm
Length	6m–12m and coils

## WIRE ROD

Standard: AISI, ASTM, BS, DIN, GB, JIS  
 Grade: Q195/235, SAE1006-1018B, H08A, 30MnSi, 62B-82B  
 Wire Gauge: 5.5-18mm



## SQUARE BAR

Sizes: 5mm to 100mm  
 Grade: Q195 Q235

Diameter (mm)	Section area (cm <sup>2</sup> )	Mass (kg/m)	Diameter (mm)	Section area (cm <sup>2</sup> )	Mass (kg/m)
5	0.25	0.196	30	9.00	7.06
6	0.36	0.283	32	10.24	8.04
7	0.49	0.385	34	11.56	9.07
8	0.64	0.502	36	12.96	10.17
9	0.81	0.636	38	14.44	11.24
10	1.00	0.785	40	16.00	12.56
11	1.21	0.95	42	17.64	13.85
12	1.44	1.13	45	20.25	15.90
13	1.69	1.33	48	23.04	18.09
14	1.96	1.54	50	25.00	19.63
15	2.25	1.77	53	28.09	22.05
16	2.56	2.01	56	31.36	24.61
17	2.89	2.27	60	36.00	28.26
18	3.24	2.54	63	39.69	31.16
19	3.61	2.82	65	42.25	33.17
20	4.00	3.14	70	49.00	38.49
21	4.41	3.46	75	56.25	44.16
22	4.84	3.80	80	64.00	50.24
24	5.76	4.52	85	72.25	56.72
25	6.25	4.91	90	81.00	63.59
26	6.76	5.30	95	90.25	70.85
28	7.84	6.15	100	100.00	78.50

