



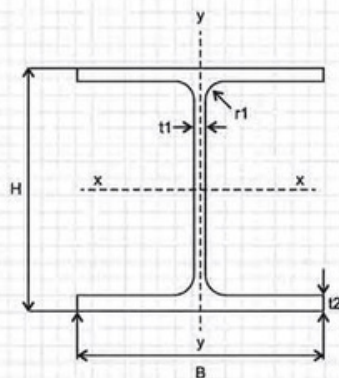
# STEEL PRODUCTS



# H BEAM

## APPLICATION

Large factories and warehouses  
Commercial building structure  
Machinery support structure  
Long-span bridge



Sizes: 100mm to 900mm

Dimensional specifications;  
JIS G3192, GB/T11263, EN10034, ASTM

Material Specifications:  
JIS SS400, GB Q235B/Q355B, EN S235, S355

## H BEAM (GB/JIS)

| Nominal Size (mm) | H×B (mm) | T1 (mm) | T2 (mm) | JIS Weight (kg/m) | GB Weight (kg/m) | Available Length |
|-------------------|----------|---------|---------|-------------------|------------------|------------------|
| 100×100           | 100×100  | 6.0     | 8.0     | 16.9              | 17.2             | 6-16m            |
| 120×120           | 125×125  | 6.5     | 9.0     | 23.6              | 23.8             | 6-16m            |
| 150×75            | 150×75   | 5.0     | 7.0     | 14.0              | 14.3             | 6-16m            |
| 150×100           | 148×100  | 6.0     | 9.0     | 20.7              | 21.4             | 6-16m            |
| 150×150           | 150×150  | 7.0     | 10.0    | 31.1              | 31.9             | 6-16m            |
| 175×90            | 175×90   | 5.0     | 8.0     | 18.0              | 18.2             | 6-16m            |
| 175×175           | 175×175  | 7.5     | 11.0    | 40.4              | 40.3             | 6-16m            |
| 194×150           | 194×150  | 6.0     | 9.0     | 29.9              | 31.2             | 6-16m            |
| 200×100           | 198×99   | 4.5     | 7.0     | 17.8              | 18.5             | 6-16m            |
|                   | 200×100  | 5.5     | 8.0     | 20.9              | 21.7             | 6-16m            |
| 200×200           | 200×200  | 8.0     | 12.0    | 49.9              | 50.5             | 6-16m            |
|                   | 200×204  | 12.0    | 12.0    | 56.2              | 56.7             | 6-16m            |
| 250×125           | 248×124  | 5.0     | 8.0     | 25.1              | 25.8             | 6-16m            |
|                   | 250×125  | 6.0     | 9.0     | 29.0              | 29.7             | 6-16m            |
| 250×175           | 244×175  | 7.0     | 11.0    | 43.6              | 44.1             | 6-16m            |
|                   | 250×250  | 9.0     | 14.0    | 71.8              | 72.4             | 6-16m            |
| 250×250           | 250×255  | 14.0    | 14.0    | 81.6              | 82.2             | 6-16m            |
|                   | 298×149  | 5.5     | 8.0     | 32.0              | 32.6             | 6-16m            |
| 300×150           | 300×150  | 6.5     | 9.0     | 36.7              | 37.3             | 6-16m            |
|                   | 294×200  | 8.0     | 12.0    | 55.8              | 57.3             | 6-16m            |
| 300×200           | 298×201  | 9.0     | 14.0    | 64.4              | 65.9             | 6-16m            |
|                   | 300×300  | 10.0    | 15.0    | 93.0              | 94.5             | 6-16m            |
| 300×300           | 294×302  | 12.0    | 12.0    | 83.4              | 85.0             | 6-16m            |
|                   | 300×305  | 15.0    | 15.0    | 105.0             | 106.0            | 6-16m            |
| 350×175           | 346×174  | 6.0     | 9.0     | 41.2              | 41.8             | 6-16m            |
|                   | 350×175  | 7.0     | 11.0    | 49.4              | 50.0             | 6-16m            |
| 350×250           | 340×250  | 9.0     | 14.0    | 78.1              | 79.7             | 6-16m            |
|                   | 344×348  | 10.0    | 16.0    | 113.0             | 115.0            | 6-16m            |
| 350×350           | 350×350  | 12.0    | 19.0    | 135.0             | 137.0            | 6-16m            |
|                   | 396×199  | 7.0     | 11.0    | 56.1              | 56.7             | 6-16m            |
| 400×200           | 400×200  | 8.0     | 13.0    | 65.4              | 66.0             | 6-16m            |
|                   | 390×300  | 10.0    | 16.0    | 105.0             | 107.0            | 6-16m            |
| 400×400           | 388×402  | 15.0    | 15.0    | 140.0             | 141.0            | 6-16m            |
|                   | 394×398  | 11.0    | 18.0    | 147.0             | 147.0            | 6-16m            |
|                   | 400×400  | 13.0    | 21.0    | 172.0             | 172.0            | 6-16m            |
|                   | 400×408  | 21.0    | 21.0    | 197.0             | 197.0            | 6-16m            |
|                   | 414×405  | 18.0    | 28.0    | 232.0             | 233.0            | 6-16m            |
|                   | 428×407  | 20.0    | 35.0    | 283.0             | 284.0            | 6-16m            |
| 450×200           | 446×199  | 8.0     | 12.0    | 65.1              | 66.7             | 6-16m            |
|                   | 450×200  | 9.0     | 14.0    | 74.9              | 76.5             | 6-16m            |
| 450×300           | 440×300  | 11.0    | 18.0    | 121.0             | 124.0            | 6-16m            |
|                   | 496×199  | 9.0     | 14.0    | 77.9              | 79.5             | 6-16m            |
| 500×200           | 500×200  | 10.0    | 16.0    | 88.2              | 89.6             | 6-16m            |
|                   | 506×201  | 11.0    | 19.0    | 102.0             | 103.0            | 6-16m            |
| 500×300           | 482×300  | 11.0    | 15.0    | 111.0             | 115.0            | 6-16m            |
|                   | 488×300  | 11.0    | 18.0    | 125.0             | 129.0            | 6-16m            |
| 600×200           | 600×200  | 11.0    | 17.0    | 103.0             | 106.0            | 6-16m            |
|                   | 596×199  | 10.0    | 15.0    | 92.5              | 95.1             | 6-16m            |
| 600×300           | 606×201  | 12.0    | 20.0    | 118.0             | 120.0            | 6-16m            |
|                   | 582×300  | 12.0    | 17.0    | 133.0             | 137.0            | 6-16m            |
| 700×300           | 588×300  | 12.0    | 20.0    | 147.0             | 151.0            | 6-16m            |
|                   | 594×302  | 14.0    | 23.0    | 170.0             | 175.0            | 6-16m            |
| 800×300           | 692×300  | 13.0    | 20.0    | 163.0             | 166.0            | 6-16m            |
|                   | 700×300  | 13.0    | 24.0    | 182.0             | 185.0            | 6-16m            |
| 900×300           | 800×300  | 14.0    | 26.0    | 207.0             | 210.0            | 6-16m            |
|                   | 808×302  | 16.0    | 30.0    | 241.0             |                  | 6-16m            |
| 900×300           | 890×299  | 15.0    | 23.0    | 210.0             | 213.0            | 6-16m            |
|                   | 900×300  | 16.0    | 28.0    | 240.0             | 243.0            | 6-16m            |
| 900×300           | 912×302  | 18.0    | 34.0    | 283.0             | 286.0            | 6-16m            |

## H BEAM (EN)

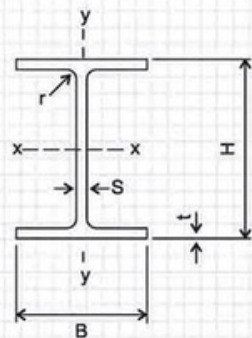
| Item   | H (mm) | B (mm) | T1 (mm) | T2 (mm) | Unit Weight | Available Length |
|--------|--------|--------|---------|---------|-------------|------------------|
| HE500A | 490    | 300    | 12.0    | 23.0    | 155.0       | 6-16m            |
| HE500B | 500    | 300    | 14.5    | 28.0    | 187.0       | 6-16m            |
| HE450A | 440    | 300    | 11.5    | 21.0    | 140.0       | 6-16m            |
| HE450B | 450    | 300    | 14.0    | 26.0    | 171.0       | 6-16m            |
| HE400A | 390    | 300    | 11.0    | 19.0    | 125.0       | 6-16m            |
| HE400B | 400    | 300    | 13.5    | 24.0    | 155.0       | 6-16m            |
| HE360A | 350    | 300    | 10.0    | 17.5    | 112.0       | 6-16m            |
| HE360B | 360    | 300    | 12.5    | 22.5    | 142.0       | 6-16m            |
| HE340A | 330    | 300    | 9.5     | 16.5    | 105.0       | 6-16m            |
| HE340B | 340    | 300    | 12.0    | 21.5    | 134.0       | 6-16m            |
| HE320A | 310    | 300    | 9.0     | 15.5    | 97.6        | 6-16m            |
| HE320B | 320    | 300    | 11.5    | 20.5    | 127.0       | 6-16m            |
| HE300A | 290    | 300    | 8.5     | 14.0    | 88.3        | 6-16m            |
| HE300B | 300    | 300    | 11.0    | 19.0    | 117.0       | 6-16m            |
| HE280A | 270    | 280    | 8.0     | 13.0    | 76.4        | 6-16m            |
| HE280B | 280    | 280    | 10.5    | 18.0    | 103.0       | 6-16m            |
| HE260A | 250    | 260    | 7.5     | 12.5    | 68.2        | 6-16m            |
| HE260B | 260    | 260    | 10.0    | 17.5    | 93.0        | 6-16m            |
| HE240A | 230    | 240    | 7.5     | 12.0    | 60.3        | 6-16m            |
| HE240B | 230    | 240    | 10.0    | 17.0    | 83.2        | 6-16m            |
| HE220A | 210    | 220    | 7.0     | 11.0    | 50.5        | 6-16m            |
| HE220B | 220    | 220    | 9.5     | 16.0    | 71.5        | 6-16m            |
| HE200A | 190    | 200    | 6.5     | 10.0    | 42.3        | 6-16m            |
| HE200B | 200    | 200    | 9.0     | 15.0    | 61.3        | 6-16m            |
| HE180A | 171    | 180    | 6.0     | 9.5     | 35.5        | 6-16m            |
| HE180B | 180    | 180    | 8.5     | 14.0    | 51.2        | 6-16m            |
| HE160A | 152    | 160    | 6.0     | 9.0     | 30.4        | 6-16m            |
| HE160B | 160    | 160    | 8.0     | 13.0    | 42.6        | 6-16m            |
| HE140A | 133    | 140    | 5.5     | 8.5     | 24.7        | 6-16m            |
| HE140B | 140    | 140    | 7.0     | 12.0    | 33.7        | 6-16m            |
| HE120A | 114    | 120    | 5.0     | 8.0     | 19.9        | 6-16m            |
| HE120B | 120    | 120    | 6.5     | 11.0    | 26.7        | 6-16m            |
| HE100A | 96     | 100    | 5.0     | 8.0     | 16.7        | 6-16m            |
| HE100B | 100    | 100    | 6.0     | 10.0    | 20.4        | 6-16m            |
| IPE180 | 180    | 91     | 5.3     | 8.0     | 18.8        | 6-16m            |
| IPE200 | 200    | 100    | 5.6     | 8.5     | 22.4        | 6-16m            |
| IPE240 | 240    | 120    | 6.2     | 9.8     | 30.7        | 6-16m            |
| IPE270 | 270    | 135    | 6.6     | 10.2    | 36.1        | 6-16m            |
| IPE330 | 330    | 160    | 7.5     | 11.5    | 49.1        | 6-16m            |
| IPE360 | 360    | 170    | 8.0     | 12.7    | 57.1        | 6-16m            |
| IPE400 | 400    | 180    | 8.6     | 13.5    | 66.3        | 6-16m            |
| IPE300 | 300    | 150    | 7.1     | 10.7    | 42.2        | 6-16m            |
| IPE450 | 450    | 190    | 9.4     | 14.6    | 77.6        | 6-16m            |
| IPE500 | 500    | 200    | 10.2    | 16.0    | 90.7        | 6-16m            |



# I BEAM

## APPLICATION

Large factories and warehouses  
Commercial building structure  
Machinery support structure  
Medium bridge



Sizes: 80mm to 630mm

Dimensional specifications:  
EN10025, GB706-2008

Material Specifications:  
EN10025, S235JR  
GB Q235B, Q355B or Equivalent

## I BEAM (GB)

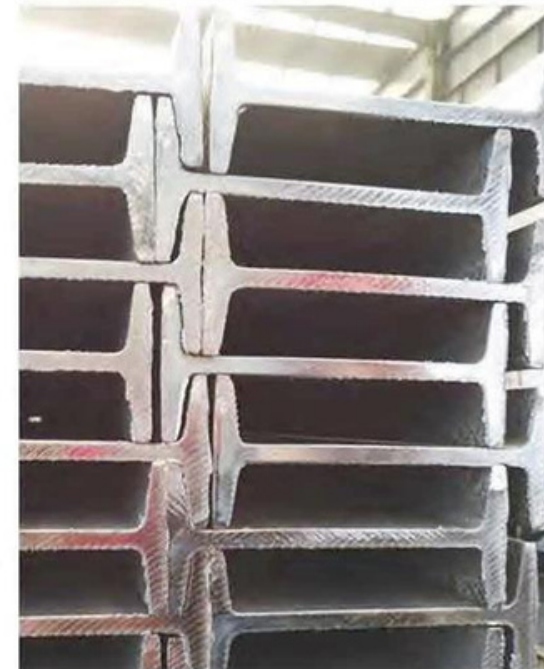
| Type | H×B (mm) | Web thickness (mm) | Flange thickness (mm) | GB Weight (mm) | Available (mm) |
|------|----------|--------------------|-----------------------|----------------|----------------|
| 10   | 100×68   | 4.5                | 7.6                   | 11.261         | 6-16m          |
| 12   | 120×74   | 5.0                | 8.4                   | 13.987         | 6-16m          |
| 14   | 140×80   | 5.5                | 9.1                   | 16.890         | 6-16m          |
| 16qa | 160×88   | 5.4                | 8.9                   | 18.631         | 6-16m          |
| 16   | 160×88   | 6.0                | 9.9                   | 20.513         | 6-16m          |
| 18qa | 180×94   | 6.0                | 9.7                   | 22.223         | 6-16m          |
| 18   | 180×94   | 6.5                | 10.7                  | 24.143         | 6-16m          |
| 20qa | 200×100  | 6.5                | 10.4                  | 25.860         | 6-16m          |
| 20a  | 200×100  | 7.0                | 11.4                  | 27.929         | 6-16m          |
| 20b  | 200×102  | 9.0                | 11.4                  | 31.069         | 6-16m          |
| 22qa | 220×110  | 7.0                | 11.3                  | 30.792         | 6-16m          |
| 22a  | 220×110  | 7.5                | 12.3                  | 33.070         | 6-16m          |
| 22b  | 220×110  | 9.5                | 12.3                  | 36.524         | 6-16m          |
| 25qa | 250×116  | 8.0                | 11.0                  | 34.831         | 6-16m          |
| 25a  | 250×116  | 8.0                | 13.0                  | 38.105         | 6-16m          |
| 25b  | 250×118  | 10.0               | 13.0                  | 42.030         | 6-16m          |
| 28qa | 280×122  | 8.0                | 12.7                  | 40.840         | 6-16m          |
| 28a  | 280×122  | 8.5                | 13.7                  | 43.492         | 6-16m          |
| 28b  | 280×124  | 10.5               | 13.7                  | 47.888         | 6-16m          |
| 30a  | 300×126  | 9.0                | 14.4                  | 48.084         | 6-16m          |
| 30b  | 300×128  | 11.0               | 14.4                  | 52.794         | 6-16m          |
| 30c  | 300×130  | 13.0               | 14.4                  | 57.504         | 6-16m          |
| 30T  | 300×128  | 12.0               | 20.0                  | 64.600         | 6-16m          |
| 32qa | 320×130  | 9.0                | 14.0                  | 49.835         | 6-16m          |
| 32a  | 320×130  | 9.5                | 15.0                  | 52.717         | 6-16m          |
| 32b  | 320×132  | 11.5               | 15.0                  | 57.741         | 6-16m          |
| 32c  | 320×134  | 13.5               | 15.0                  | 62.765         | 6-16m          |
| 36qa | 360×136  | 9.5                | 14.8                  | 56.931         | 6-16m          |
| 36a  | 360×136  | 10.0               | 15.8                  | 60.037         | 6-16m          |
| 36b  | 360×138  | 12.0               | 15.8                  | 65.689         | 6-16m          |
| 36c  | 360×140  | 14.0               | 15.8                  | 71.341         | 6-16m          |
| 40a  | 400×142  | 10.5               | 16.5                  | 67.598         | 6-16m          |
| 40b  | 400×144  | 12.5               | 16.5                  | 73.878         | 6-16m          |
| 40c  | 400×146  | 14.5               | 16.5                  | 80.158         | 6-16m          |
| 45a  | 450×150  | 11.5               | 18.0                  | 80.420         | 6-16m          |
| 45b  | 450×152  | 13.5               | 18.0                  | 87.485         | 6-16m          |
| 45c  | 450×154  | 15.5               | 18.0                  | 94.550         | 6-16m          |
| 50a  | 500×158  | 12.0               | 20.0                  | 93.654         | 6-16m          |
| 50b  | 500×160  | 14.0               | 20.0                  | 101.504        | 6-16m          |
| 50c  | 500×162  | 16.0               | 20.0                  | 109.354        | 6-16m          |
| 56a  | 560×166  | 12.5               | 21.0                  | 106.316        | 6-16m          |
| 56b  | 560×168  | 14.5               | 21.0                  | 115.108        | 6-16m          |
| 56c  | 560×170  | 16.5               | 21.0                  | 123.900        | 6-16m          |
| 63a  | 630×176  | 13.0               | 22.0                  | 121.407        | 6-16m          |
| 63b  | 630×178  | 15.0               | 22.0                  | 131.298        | 6-16m          |
| 63c  | 630×180  | 17.0               | 22.0                  | 141.189        | 6-16m          |

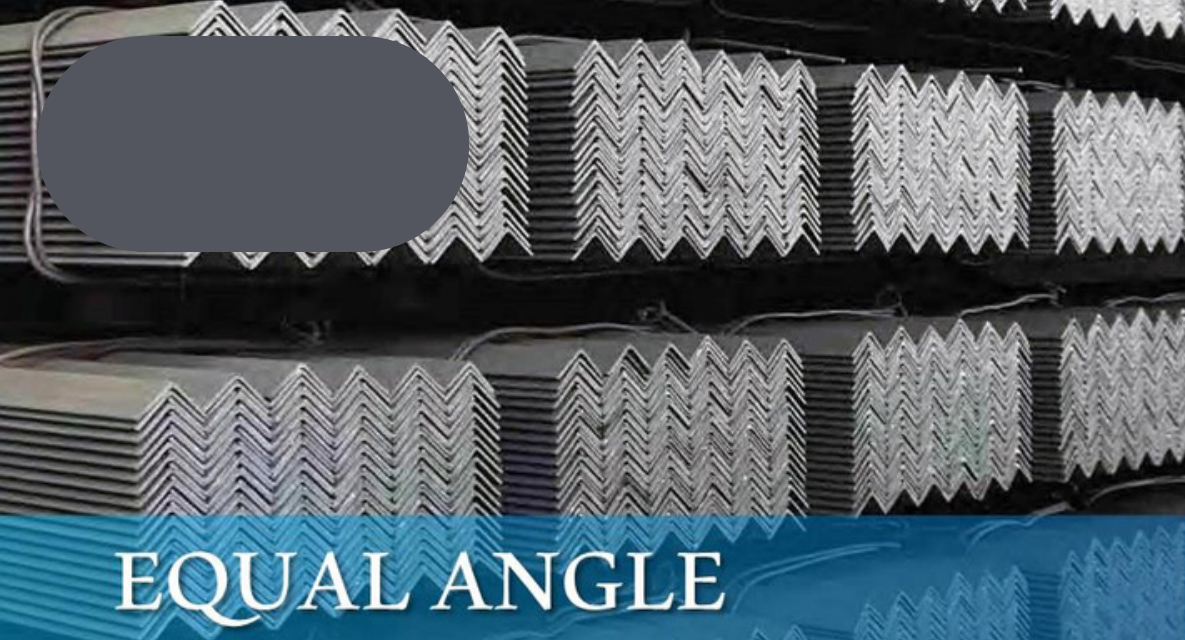
## I BEAM (IPE)

| Type   | H×B (mm) | Web thickness (mm) | Flange thickness (mm) | GB Weight (mm) | Available (mm) |
|--------|----------|--------------------|-----------------------|----------------|----------------|
| IPE80  | 80×46    | 3.8                | 5.2                   | 6.0            | 6-16m          |
| IPE100 | 100×55   | 4.1                | 5.7                   | 8.1            | 6-16m          |
| IPE120 | 120×64   | 4.4                | 6.3                   | 10.4           | 6-16m          |
| IPE140 | 140×73   | 4.7                | 6.9                   | 12.9           | 6-16m          |
| IPE160 | 160×82   | 5.0                | 7.4                   | 15.8           | 6-16m          |
| IPE180 | 180×91   | 5.3                | 8.0                   | 18.8           | 6-16m          |
| IPE200 | 200×100  | 5.6                | 8.5                   | 22.4           | 6-16m          |
| IPE220 | 220×110  | 5.9                | 9.2                   | 26.2           | 6-16m          |
| IPE240 | 240×120  | 6.2                | 9.8                   | 30.7           | 6-16m          |
| IPE270 | 270×135  | 6.6                | 10.2                  | 36.1           | 6-16m          |

## I BEAM (IPEAA)

| Type     | H×B (mm)  | Web thickness (mm) | Flange thickness (mm) | GB Weight (mm) | Available (mm) |
|----------|-----------|--------------------|-----------------------|----------------|----------------|
| IPEAA80  | 78×46     | 3.2                | 4.2                   | 4.95           | 6-16m          |
| IPEAA100 | 97.6×55   | 3.6                | 4.5                   | 6.72           | 6-16m          |
| IPEAA120 | 117×64    | 3.8                | 4.8                   | 8.36           | 6-16m          |
| IPEAA140 | 136.6×73  | 3.8                | 5.2                   | 10.05          | 6-16m          |
| IPEAA160 | 156.4×82  | 4.0                | 5.6                   | 12.31          | 6-16m          |
| IPEAA180 | 176.4×91  | 4.3                | 6.2                   | 14.94          | 6-16m          |
| IPEAA200 | 196.4×100 | 4.5                | 6.7                   | 17.95          | 6-16m          |





# EQUAL ANGLE

## APPLICATION

Transmission Tower  
Shipbuilding  
Lifting and transport machinery  
Bracing for general structure

### UNEQUAL ANGLE (JIS)

| Size Leg Length<br>×Leg Length×thickness<br>(mm) | JIS<br>Weight<br>(kg/m) | Available<br>Length | Size Leg Length<br>×Leg Length×thickness<br>(mm) | JIS<br>Weight<br>(kg/m) | Available<br>Length |
|--------------------------------------------------|-------------------------|---------------------|--------------------------------------------------|-------------------------|---------------------|
| 75×50×5                                          | 4.81                    | 6-12m               | 150×75×10                                        | 17.00                   | 6-12m               |
| 75×50×6                                          | 5.67                    | 6-12m               | 150×75×12                                        | 20.10                   | 6-12m               |
| 100×75×7                                         | 9.32                    | 6-12m               | 150×75×15                                        | 24.80                   | 6-12m               |
| 100×75×8                                         | 10.60                   | 6-12m               | 150×90×9                                         | 16.40                   | 6-12m               |
| 100×75×10                                        | 13.00                   | 6-12m               | 150×90×10                                        | 18.20                   | 6-12m               |
| 100×75×12                                        | 15.40                   | 6-12m               | 150×90×12                                        | 21.60                   | 6-12m               |
| 125×75×7                                         | 10.70                   | 6-12m               | 150×90×15                                        | 26.60                   | 6-12m               |
| 125×75×8                                         | 12.20                   | 6-12m               | 150×100×9                                        | 17.10                   | 6-12m               |
| 125×75×9                                         | 13.60                   | 6-12m               | 150×100×12                                       | 22.40                   | 6-12m               |
| 125×75×10                                        | 15.00                   | 6-12m               | 150×100×15                                       | 27.70                   | 6-12m               |
| 150×75×7                                         | 12.10                   | 6-12m               | 200×100×10                                       | 23.00                   | 6-12m               |
| 150×75×9                                         | 15.30                   | 6-12m               | 200×100×12                                       | 27.30                   | 6-12m               |

### EQUAL ANGLE (JIS)

| Size leg length<br>×Leg Length<br>×thickness<br>(mm) | JIS<br>Weight<br>(kg/m) | Available<br>length | Size leg length<br>×Leg Length<br>×thickness<br>(mm) | JIS<br>Weight<br>(kg/m) | Available<br>length |
|------------------------------------------------------|-------------------------|---------------------|------------------------------------------------------|-------------------------|---------------------|
| 20×20×3                                              | 0.885                   | 6-12m               | 80×80×6                                              | 7.320                   | 6-12m               |
| 25×25×3                                              | 1.120                   | 6-12m               | 80×80×7                                              | 8.480                   | 6-12m               |
| 30×30×3                                              | 1.360                   | 6-12m               | 80×80×8                                              | 9.550                   | 6-12m               |
| 30×30×4                                              | 1.780                   | 6-12m               | 90×90×6                                              | 8.250                   | 6-12m               |
| 30×30×5                                              | 2.160                   | 6-12m               | 90×90×7                                              | 9.590                   | 6-12m               |
| 38×38×3                                              | 1.720                   | 6-12m               | 90×90×8                                              | 10.900                  | 6-12m               |
| 38×38×4                                              | 2.260                   | 6-12m               | 90×90×9                                              | 12.200                  | 6-12m               |
| 40×40×3                                              | 1.830                   | 6-12m               | 90×90×10                                             | 13.300                  | 6-12m               |
| 40×40×4                                              | 2.410                   | 6-12m               | 100×100×6                                            | 9.220                   | 6-12m               |
| 40×40×5                                              | 2.950                   | 6-12m               | 100×100×7                                            | 10.700                  | 6-12m               |
| 50×50×3                                              | 2.330                   | 6-12m               | 100×100×8                                            | 12.100                  | 6-12m               |
| 50×50×4                                              | 3.060                   | 6-12m               | 100×100×10                                           | 14.900                  | 6-12m               |
| 50×50×5                                              | 3.770                   | 6-12m               | 120×120×8                                            | 14.700                  | 6-12m               |
| 50×50×6                                              | 4.430                   | 6-12m               | 120×120×10                                           | 18.200                  | 6-12m               |
| 60×60×5                                              | 4.550                   | 6-12m               | 120×120×12                                           | 21.500                  | 6-12m               |
| 60×60×6                                              | 5.410                   | 6-12m               | 130×130×9                                            | 17.900                  | 6-12m               |
| 65×65×5                                              | 5.000                   | 6-12m               | 130×130×10                                           | 19.700                  | 6-12m               |
| 65×65×6                                              | 5.910                   | 6-12m               | 130×130×12                                           | 23.400                  | 6-12m               |
| 65×65×8                                              | 7.660                   | 6-12m               | 150×150×10                                           | 22.900                  | 6-12m               |
| 70×70×5                                              | 5.370                   | 6-12m               | 150×150×12                                           | 27.300                  | 6-12m               |
| 70×70×6                                              | 6.380                   | 6-12m               | 150×150×15                                           | 33.600                  | 6-12m               |
| 70×70×7                                              | 7.350                   | 6-12m               | 200×200×15                                           | 45.300                  | 6-12m               |
| 75×75×5                                              | 5.760                   | 6-12m               | 200×200×20                                           | 59.700                  | 6-12m               |
| 75×75×6                                              | 6.850                   | 6-12m               | 200×200×25                                           | 87.100                  | 6-12m               |
| 75×75×7                                              | 7.940                   | 6-12m               | 250×250×25                                           | 93.700                  | 6-12m               |
| 75×75×8                                              | 8.920                   | 6-12m               | 250×250×35                                           | 128.000                 | 6-12m               |
| 75×75×9                                              | 9.960                   | 6-12m               |                                                      |                         |                     |



### EQUAL ANGLE (GB)

| Size leg length<br>×Leg Length<br>×thickness<br>(mm) | GB<br>Weight<br>(kg/m) | Available<br>length | Size leg length<br>×Leg Length<br>×thickness<br>(mm) | GB<br>Weight<br>(kg/m) | Available<br>length |
|------------------------------------------------------|------------------------|---------------------|------------------------------------------------------|------------------------|---------------------|
| 25×25×3                                              | 1.124                  | 6-12m               | 90×90×8                                              | 10.946                 | 6-12m               |
| 25×25×4                                              | 1.459                  | 6-12m               | 90×90×9                                              | 12.219                 | 6-12m               |
| 30×30×3                                              | 1.373                  | 6-12m               | 90×90×10                                             | 13.486                 | 6-12m               |
| 30×30×4                                              | 1.786                  | 6-12m               | 90×90×12                                             | 15.940                 | 6-12m               |
| 40×40×3                                              | 1.852                  | 6-12m               | 100×100×6                                            | 9.366                  | 6-12m               |
| 40×40×4                                              | 2.422                  | 6-12m               | 100×100×7                                            | 10.830                 | 6-12m               |
| 40×40×5                                              | 2.976                  | 6-12m               | 100×100×8                                            | 12.276                 | 6-12m               |
| 45×45×3                                              | 2.088                  | 6-12m               | 100×100×10                                           | 15.120                 | 6-12m               |
| 45×45×4                                              | 2.736                  | 6-12m               | 100×100×12                                           | 17.898                 | 6-12m               |
| 45×45×5                                              | 3.369                  | 6-12m               | 100×100×14                                           | 20.611                 | 6-12m               |
| 45×45×6                                              | 3.985                  | 6-12m               | 100×100×16                                           | 23.257                 | 6-12m               |
| 50×50×3                                              | 2.332                  | 6-12m               | 110×110×7                                            | 11.928                 | 6-12m               |
| 50×50×4                                              | 3.059                  | 6-12m               | 110×110×8                                            | 13.532                 | 6-12m               |
| 50×50×5                                              | 3.770                  | 6-12m               | 110×110×10                                           | 16.690                 | 6-12m               |
| 50×50×6                                              | 4.465                  | 6-12m               | 110×110×12                                           | 19.782                 | 6-12m               |
| 56×56×3                                              | 2.624                  | 6-12m               | 110×110×14                                           | 22.809                 | 6-12m               |
| 56×56×4                                              | 3.446                  | 6-12m               | 120×120×10                                           | 18.200                 | 6-12m               |
| 56×56×5                                              | 4.251                  | 6-12m               | 120×120×12                                           | 21.600                 | 6-12m               |
| 60×60×5                                              | 4.570                  | 6-12m               | 125×125×8                                            | 15.504                 | 6-12m               |
| 60×60×6                                              | 5.420                  | 6-12m               | 125×125×10                                           | 19.133                 | 6-12m               |
| 63×63×4                                              | 3.907                  | 6-12m               | 125×125×12                                           | 22.696                 | 6-12m               |
| 63×63×5                                              | 4.822                  | 6-12m               | 125×125×14                                           | 26.193                 | 6-12m               |
| 63×63×6                                              | 5.721                  | 6-12m               | 140×140×10                                           | 21.488                 | 6-12m               |
| 63×63×8                                              | 7.469                  | 6-12m               | 140×140×12                                           | 25.522                 | 6-12m               |
| 70×70×5                                              | 5.397                  | 6-12m               | 140×140×14                                           | 29.490                 | 6-12m               |
| 70×70×6                                              | 6.406                  | 6-12m               | 140×140×16                                           | 33.393                 | 6-12m               |
| 70×70×7                                              | 7.398                  | 6-12m               | 160×160×10                                           | 24.729                 | 6-12m               |
| 70×70×8                                              | 8.373                  | 6-12m               | 160×160×12                                           | 29.391                 | 6-12m               |
| 75×75×5                                              | 5.818                  | 6-12m               | 160×160×14                                           | 33.987                 | 6-12m               |
| 75×75×6                                              | 6.905                  | 6-12m               | 160×160×16                                           | 38.518                 | 6-12m               |
| 75×75×7                                              | 7.976                  | 6-12m               | 180×180×12                                           | 33.159                 | 6-12m               |
| 75×75×8                                              | 9.030                  | 6-12m               | 180×180×14                                           | 38.383                 | 6-12m               |
| 75×75×10                                             | 11.089                 | 6-12m               | 180×180×16                                           | 43.542                 | 6-12m               |
| 80×80×5                                              | 6.211                  | 6-12m               | 180×180×18                                           | 48.634                 | 6-12m               |
| 80×80×6                                              | 7.376                  | 6-12m               | 200×200×14                                           | 42.894                 | 6-12m               |
| 80×80×7                                              | 8.525                  | 6-12m               | 200×200×16                                           | 48.680                 | 6-12m               |
| 80×80×8                                              | 9.658                  | 6-12m               | 200×200×18                                           | 54.401                 | 6-12m               |
| 80×80×10                                             | 11.874                 | 6-12m               | 200×200×20                                           | 60.056                 | 6-12m               |
| 90×90×6                                              | 8.350                  | 6-12m               | 200×200×24                                           | 71.168                 | 6-12m               |
| 90×90×7                                              | 9.656                  | 6-12m               |                                                      |                        |                     |

### UNEQUAL ANGLE (GB)

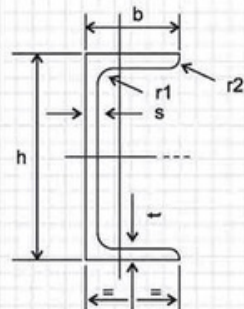
| Size Leg Length<br>×Leg Length×thickness<br>(mm) | GB<br>Weight<br>(kg/m) | Available<br>Length | Size Leg Length<br>×Leg Length×thickness<br>(mm) | GB<br>Weight<br>(kg/m) | Available<br>Length |
|--------------------------------------------------|------------------------|---------------------|--------------------------------------------------|------------------------|---------------------|
| 50×32×3                                          | 1.908                  | 6-12m               | 100×80×10                                        | 13.476                 | 6-12m               |
| 50×32×4                                          | 2.494                  | 6-12m               | 110×70×8                                         | 10.946                 | 6-12m               |
| 56×36×3                                          | 2.153                  | 6-12m               | 110×70×10                                        | 13.476                 | 6-12m               |
| 56×36×4                                          | 2.818                  | 6-12m               | 125×80×8                                         | 12.551                 | 6-12m               |
| 56×36×5                                          | 3.466                  | 6-12m               | 125×80×10                                        | 15.474                 | 6-12m               |
| 63×40×5                                          | 3.920                  | 6-12m               | 125×80×12                                        | 18.330                 | 6-12m               |
| 63×40×6                                          | 4.638                  | 6-12m               | 140×90×8                                         | 14.160                 | 6-12m               |
| 75×50×5                                          | 4.808                  | 6-12m               | 140×90×10                                        | 17.475                 | 6-12m               |
| 75×50×6                                          | 5.699                  | 6-12m               | 140×90×12                                        | 20.724                 | 6-12m               |
| 75×50×8                                          | 7.461                  | 6-12m               | 160×100×10                                       | 19.872                 | 6-12m               |
| 90×56×6                                          | 6.717                  | 6-12m               | 160×100×12                                       | 23.592                 | 6-12m               |
| 90×56×7                                          | 7.756                  | 6-12m               | 180×110×10                                       | 22.273                 | 6-12m               |
| 90×56×8                                          | 8.779                  | 6-12m               | 180×110×12                                       | 26.464                 | 6-12m               |
| 100×63×6                                         | 7.550                  | 6-12m               | 200×125×12                                       | 29.761                 | 6-12m               |
| 100×63×7                                         | 8.722                  | 6-12m               | 200×125×14                                       | 34.436                 | 6-12m               |
| 100×63×8                                         | 9.878                  | 6-12m               | 200×125×16                                       | 39.045                 | 6-12m               |
| 100×63×10                                        | 12.142                 | 6-12m               | 200×125×18                                       | 43.588                 | 6-12m               |
| 100×80×8                                         | 10.946                 | 6-12m               |                                                  |                        |                     |



# U CHANNEL

## APPLICATION

Building structure  
Vehicle Manufacturing  
Grandstands & sport stadiums  
Multi-story frame structure



Sizes: 50mm to 400mm

Dimensional Specificaons:  
EN10025, JIS G3192, DIN 1026, GB707-88

Material Specificaons:  
JIS G3192, SS400/EN 10025,  
S235JR/ASTM A36/GB Q235B,  
Q355B or Equivalent

## U CHANNEL (GB)

| Type | Size(mm) | Web thickness (mm) | GB Weight (kg/m) | Available Length |
|------|----------|--------------------|------------------|------------------|
| 5    | 50×37    | 4.5                | 5.438            | 6-12m            |
| 6.3  | 63×40    | 4.8                | 6.634            | 6-12m            |
| 8    | 80×43    | 5.0                | 8.045            | 6-12m            |
| 10   | 100×48   | 5.3                | 10.007           | 6-12m            |
| 12   | 120×53   | 5.5                | 12.059           | 6-12m            |
| 14a  | 140×58   | 6.0                | 14.535           | 6-12m            |
| 14b  | 140×60   | 8.0                | 16.733           | 6-12m            |
| 16a  | 160×63   | 6.5                | 17.240           | 6-12m            |
| 16b  | 160×65   | 8.5                | 19.752           | 6-12m            |
| 18a  | 180×68   | 7.0                | 20.174           | 6-12m            |
| 18b  | 180×70   | 9.0                | 23.000           | 6-12m            |
| 20a  | 200×73   | 7.0                | 22.637           | 6-12m            |
| 20b  | 200×75   | 9.0                | 25.777           | 6-12m            |
| 22a  | 220×77   | 7.0                | 24.999           | 6-12m            |
| 22b  | 220×79   | 9.0                | 28.453           | 6-12m            |
| 25a  | 250×78   | 7.0                | 27.410           | 6-12m            |
| 25b  | 250×80   | 9.0                | 31.335           | 6-12m            |
| 25c  | 250×82   | 11.0               | 35.260           | 6-12m            |
| 28a  | 280×82   | 7.5                | 31.427           | 6-12m            |
| 28b  | 280×84   | 9.5                | 35.823           | 6-12m            |
| 28c  | 280×86   | 11.5               | 40.219           | 6-12m            |
| 30a  | 300×85   | 7.5                | 34.463           | 6-12m            |
| 30b  | 300×87   | 9.5                | 39.173           | 6-12m            |
| 30c  | 300×89   | 11.5               | 43.883           | 6-12m            |
| 32a  | 320×88   | 8.0                | 38.083           | 6-12m            |
| 32b  | 320×90   | 10.0               | 43.107           | 6-12m            |
| 32c  | 320×92   | 12.0               | 48.131           | 6-12m            |
| 36a  | 360×96   | 9.0                | 47.814           | 6-12m            |
| 36b  | 360×98   | 11.0               | 53.466           | 6-12m            |
| 36c  | 360×100  | 13.0               | 59.118           | 6-12m            |
| 40a  | 400×100  | 10.5               | 58.928           | 6-12m            |
| 40b  | 400×102  | 12.5               | 65.208           | 6-12m            |
| 40c  | 400×104  | 14.5               | 71.488           | 6-12m            |

## U CHANNEL (UPE)

| Type   | Size Depth × Flange width (mm) | Web thickness (mm) | Flange thickness (mm) | Weight (kg/m) |
|--------|--------------------------------|--------------------|-----------------------|---------------|
| UPE80  | 80×40                          | 4.5                | 7.4                   | 7.06          |
| UPE100 | 100×46                         | 4.5                | 7.6                   | 8.59          |
| UPE120 | 120×52                         | 4.8                | 7.8                   | 10.40         |
| UPE140 | 140×58                         | 4.9                | 8.1                   | 12.30         |
| UPE160 | 160×64                         | 5.0                | 8.4                   | 14.20         |
| UPE180 | 180×70                         | 5.1                | 8.7                   | 16.30         |
| UPE200 | 200×76                         | 5.2                | 9.0                   | 18.40         |

## U CHANNEL (JIS)

| Size (mm) | Web thickness (mm) | Flange thickness (mm) | JIS Weight (kg/m) | Available Length |
|-----------|--------------------|-----------------------|-------------------|------------------|
| 50×25     | 3.0                | 6.0                   | 2.37              | 6-12m            |
| 75×40     | 3.8                | 7.0                   | 5.30              | 6-12m            |
| 75×40     | 4.0                | 7.0                   | 5.60              | 6-12m            |
| 75×40     | 4.5                | 7.0                   | 5.85              | 6-12m            |
| 75×40     | 5.0                | 7.0                   | 6.92              | 6-12m            |
| 100×50    | 3.8                | 6.0                   | 7.30              | 6-12m            |
| 100×50    | 4.2                | 6.0                   | 8.03              | 6-12m            |
| 100×50    | 4.5                | 7.5                   | 8.97              | 6-12m            |
| 100×50    | 5.0                | 7.5                   | 9.36              | 6-12m            |
| 125×65    | 5.2                | 6.8                   | 11.66             | 6-12m            |
| 125×65    | 5.3                | 6.8                   | 12.17             | 6-12m            |
| 125×65    | 5.5                | 8.0                   | 12.91             | 6-12m            |
| 125×65    | 6.0                | 8.0                   | 13.40             | 6-12m            |
| 150×75    | 5.5                | 7.3                   | 14.66             | 6-12m            |
| 150×75    | 5.7                | 10.0                  | 16.71             | 6-12m            |
| 150×75    | 6.0                | 10.0                  | 17.90             | 6-12m            |
| 150×75    | 6.5                | 10.0                  | 18.60             | 6-12m            |
| 200×80    | 7.5                | 11.0                  | 24.60             | 6-12m            |
| 250×90    | 9.0                | 13.0                  | 34.60             | 6-12m            |
| 300×90    | 9.0                | 13.0                  | 38.10             | 6-12m            |

## U CHANNEL (UPN)

| Type   | Size Depth × Flange width (mm) | Web thickness (mm) | Flange thickness (mm) | Weight (kg/m) |
|--------|--------------------------------|--------------------|-----------------------|---------------|
| UPN80  | 80×45                          | 6.0                | 8.0                   | 8.64          |
| UPN100 | 100×50                         | 6.0                | 8.5                   | 10.60         |
| UPN120 | 120×55                         | 7.0                | 9.0                   | 13.40         |
| UPN140 | 140×60                         | 7.0                | 10.0                  | 16.00         |
| UPN160 | 160×65                         | 7.5                | 10.5                  | 18.80         |
| UPN180 | 180×70                         | 8.0                | 11.0                  | 22.00         |
| UPN200 | 200×75                         | 8.5                | 11.5                  | 25.30         |



Cold Rolled Coil



Hot Rolled Chequered Coil



Hot Rolled Plate



Cutting Sheet

|                                       | Thickness (mm) | Length (mm) |
|---------------------------------------|----------------|-------------|
| Hot Rolled Steel Coil/Sheet           | 1.5-25.0       | 600-2000    |
| Hot Rolled Chequered Steel Coil/Sheet | 1.4-10.0       | 900-1500    |
| Hot Rolled Steel Plate                | 6.0-70         | 500-4500    |
| Cold Rolled Steel Coil/Sheet          | 0.08-4.0       | 30-2000     |



## GALVANIZED STEEL

|                |                                                                      |
|----------------|----------------------------------------------------------------------|
| Product Name   | Angle,Channel,I-Beam,Round Bar,Flat Bar,Round Pipe,Square Pipe       |
| Steel Grade    | Q235,Q355,SS400,ASTM A36                                             |
| Process        | Hot Dipped Galvanize                                                 |
| Standard       | ISO1461:1999                                                         |
| Zinc Coating   | Customized under standard(180g/m <sup>2</sup> -500g/m <sup>2</sup> ) |
| Zinc Thickness | Customized under standard(20μm-80μm)                                 |



# STEEL PLATE

## APPLICATION

- Component
- Escalator
- Fences
- Bridge

| Width<br>(mm) | Thickness (mm) |      |      |      |       |       |       |       |       |       |       |
|---------------|----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|               | 3              | 4    | 5    | 6    | 8     | 10    | 12    | 14    | 16    | 20    | 30    |
|               | Weight (kg/m)  |      |      |      |       |       |       |       |       |       |       |
| 12            | 0.19           | 0.38 | 0.47 | 0.56 | 0.75  | 0.94  | 1.13  | 1.32  | 1.51  | 1.88  | 2.83  |
| 16            | 0.38           | 0.50 | 0.63 | 0.75 | 1.00  | 1.26  | 1.51  | 1.76  | 2.01  | 2.51  | 3.77  |
| 20            | 0.47           | 0.63 | 0.79 | 0.96 | 1.26  | 1.57  | 1.88  | 2.20  | 2.51  | 3.14  | 4.71  |
| 30            | 0.71           | 0.94 | 1.18 | 1.41 | 1.88  | 2.36  | 2.83  | 3.30  | 3.77  | 4.71  | 7.07  |
| 40            | 0.94           | 1.26 | 1.57 | 1.88 | 2.51  | 3.14  | 3.77  | 4.40  | 5.02  | 6.28  | 9.42  |
| 50            | 1.18           | 1.57 | 1.96 | 2.36 | 3.14  | 3.93  | 4.71  | 5.50  | 6.28  | 7.85  | 11.78 |
| 60            | 1.41           | 1.88 | 2.36 | 2.83 | 3.77  | 4.71  | 5.65  | 6.60  | 7.54  | 9.42  | 14.13 |
| 70            | 1.65           | 2.20 | 2.75 | 3.30 | 4.40  | 5.50  | 6.50  | 7.70  | 8.80  | 10.99 | 17.85 |
| 80            | 1.88           | 2.51 | 3.14 | 3.77 | 5.02  | 6.28  | 7.54  | 8.80  | 10.05 | 12.56 | 18.84 |
| 90            | 2.12           | 2.83 | 3.53 | 4.24 | 5.65  | 7.07  | 8.48  | 9.90  | 11.30 | 14.13 | 21.20 |
| 100           | 2.36           | 3.14 | 3.93 | 4.71 | 6.28  | 7.85  | 9.42  | 10.99 | 12.56 | 15.70 | 23.55 |
| 200           | 4.71           | 6.28 | 7.85 | 9.42 | 12.56 | 15.70 | 18.84 | 21.98 | 25.12 | 31.40 | 47.10 |



# GALVANIZED STEEL

|             |                        |
|-------------|------------------------|
| Productname | Cchannel               |
| Material    | Q235,SS400,A36,\$235JR |
| Technique   | Coldformed             |
| Standard    | GB/T6725-2002          |

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Surfacetreatment | bare, galvanized                                              |
| Usage            | Buildingmaterial,steelstructu<br>reconstruction,awnings,balus |
| Specification    |                                                               |

| SIZE(mm)      | WT(kg/m) | SIZE(mm)      | WT(kg/m) |
|---------------|----------|---------------|----------|
| 80×40×20×2.5  | 3.925    | 180×60×20×3   | 8.007    |
| 80×40×20×3    | 4.71     | 180×70×20×2.5 | 7.065    |
| 100×50×20×2.5 | 4.71     | 180×70×20×3   | 8.478    |
| 11×)×50×20×3  | 5.652    | 200×50×20×2.5 | 6.673    |
| 120×50×20×2.5 | 5.103    | 200×50×20×3   | 8.007    |
| 120×50×20×3   | 6.123    | 200×60×20×2.5 | 7.065    |
| 120×60×20×2.5 | 5.495    | 200×60×20×3   | 8.478    |
| 120×60×20×3   | 6.594    | 200×70×20×2.5 | 7.458    |
| 120×70×20×2.5 | 5.888    | 200×70×20×3   | 8.949    |
| 120×70×20×3   | 7.065    | 220×60×20×2.5 | 7.4567   |
| 140×50×20×2.5 | 5.495    | 220×60×20×3   | 8.949    |
| 140×50×20×3   | 6.594    | 220×70×20×2.5 | 7.85     |
| 160×50×20×2.5 | 5.888    | 220×70×20×3   | 9.42     |
| 160×50×20×3   | 7.065    | 250×75×20×2.5 | 8.634    |
| 160×60×20×2.5 | 6.28     | 250×75×20×3   | 10.362   |
| 160×60×20×3   | 7.536    | 280×80×20×2.5 | 9.42     |
| 160×70×20×2.5 | 6.673    | 280×80×20×3   | 11.304   |
| 160×70×20×3   | 8.007    | 300×80×20×2.5 | 9.813    |
| 180×50×20×2.5 | 6.28     | 300×80×20×3   | 11.775   |
| 180×50×20×3   | 7.536    |               |          |
| 180×60×20×2.5 | 6.673    |               |          |

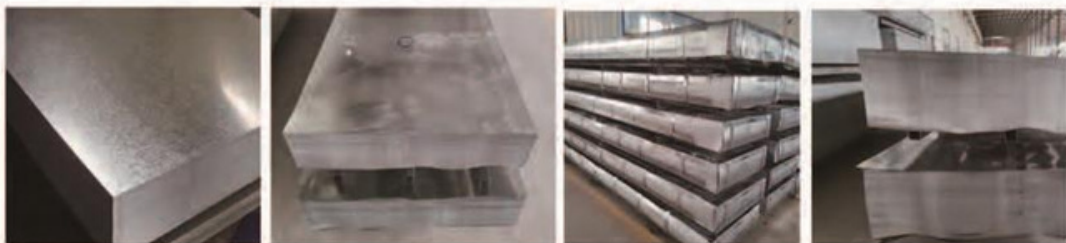


| Product description |                 | Square pipe/ Rectangular pipe                                                                                                      |                 |
|---------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Steel No./Grade     |                 | Q195,Q235,Q355,ASTM A36, SS400,s201, s304                                                                                          |                 |
| Technology          |                 | Hot rolled, weld                                                                                                                   |                 |
| Standard            |                 | GB/T21835-2008;GB/T3092;<br>GB/T8162-2008;GB/T8163-2008;GB/T14975-2002;ASTM<br>SA335; ASTM SA213;JISG3467-88;JISG3458-88;DIN 17458 |                 |
| Square pipe<br>mm   | Thickness<br>mm | Rectangular pipe mm                                                                                                                | Thickness<br>mm |
| 20*20               | 1.3-2.5         | 20*30                                                                                                                              | 1.3-2.7         |
| 25*25               | 1.3-2.75        | 20*40                                                                                                                              | 1.3-2.75        |
| 30*30               | 1.3-2.75        | 25*40                                                                                                                              | 1.3-2.75        |
| 40*40               | 1.3-3.75        | 30*50                                                                                                                              | 1.3-4.75        |
| 50*50               | 1.3-5.75        | 30*60                                                                                                                              | 1.3-4.75        |
| 60*60               | 1.3-5.75        | 40*50                                                                                                                              | 1.3-4.75        |
| 70*70               | 1.3-5.75        | 40*80                                                                                                                              | 1.3-4.75        |
| 80*80               | 1.3-5.75        | 50*70                                                                                                                              | 1.3-4.75        |
| 90*90               | 1.3-5.75        | 50*80                                                                                                                              | 1.3-4.75        |
| 100*100             | 1.5-12.0        | 60*90                                                                                                                              | 1.3-4.75        |
| 120*120             | 2.5-12.0        | 50*100                                                                                                                             | 1.3-5.75        |
| 140*140             | 2.75-16.0       | 50*150                                                                                                                             | 1.3-5.75        |
| 150*150             | 2.75-16.0       | 60*160                                                                                                                             | 1.3-5.75        |
| 160*160             | 3.0-16.0        | 100*150                                                                                                                            | 2.5-16.0        |
| 180*180             | 3.0-16.0        | 100*200                                                                                                                            | 2.5-16.0        |
| 200*200             | 3.0-16.0        | 100*250                                                                                                                            | 2.5-16.0        |
| 250*250             | 4.75-16.0       | 150*300                                                                                                                            | 4.5-16.0        |
| 300*300             | 4.75-16.0       | 200*300                                                                                                                            | 5.5-16.0        |
| 400*400             | 4.75-16.0       | 200*400                                                                                                                            | 5.5-16.0        |
| 500*500             | 4.75-16.0       | 400*600                                                                                                                            | 5.5-16.0        |



| Product description |                 | Round pipe                                                                                                                     |                 |                |                 |
|---------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|-----------------|
| Steel No./Grade     |                 | Q195,Q235,Q355,ASTM A36, SS400,s201,s304                                                                                       |                 |                |                 |
| Technology          |                 | Hot rolled, weld, seamless                                                                                                     |                 |                |                 |
| Standard            |                 | GB/T21835-2008;GB/T 3092, GB/T 8162-2008;GB/T 8163-2008;GB/T 14975-2002ASTM SA335;ASTM SA213;JISG3467-88;JISG3458-88;DIN 17458 |                 |                |                 |
| Diameter<br>mm      | Thickness<br>mm | Diameter<br>mm                                                                                                                 | Thickness<br>mm | Diameter<br>mm | Thickness<br>mm |
| 6                   | 1               | 51                                                                                                                             | 2-8             | 159            | 3-25            |
| 8                   | 1-2             | 57                                                                                                                             | 2-10            | 168            | 3-30            |
| 10                  | 1-5             | 60                                                                                                                             | 2-10            | 180            | 3-30            |
| 12                  | 1-3             | 63                                                                                                                             | 2-10            | 219            | 4-35            |
| 14                  | 1-4             | 65                                                                                                                             | 3-10            | 245            | 5-35            |
| 16                  | 1-4             | 68                                                                                                                             | 3-10            | 273            | 5-40            |
| 18                  | 1-4             | 70                                                                                                                             | 3-10            | 325            | 5-40            |
| 20                  | 1-5             | 73                                                                                                                             | 3-10            | 355            | 5-40            |
| 22                  | 1-5             | 76                                                                                                                             | 2-16            | 377            | 8-45            |
| 25                  | 1.5-5           | 80                                                                                                                             | 2-16            | 426            | 8-50            |
| 27                  | 2-5             | 83                                                                                                                             | 2-16            | 456            | 8-50            |
| 28                  | 2-5             | 89                                                                                                                             | 2-16            | 530            | 8-50            |
| 30                  | 2-8             | 95                                                                                                                             | 2.5-16          | 630            | 10-40           |
| 32                  | 2-8             | 102                                                                                                                            | 2.5-18          |                |                 |
| 34                  | 2-8             | 108                                                                                                                            | 2.5-18          |                |                 |
| 36                  | 2-8             | 114                                                                                                                            | 2.5-18          |                |                 |
| 38                  | 2-8             | 120                                                                                                                            | 3-18            |                |                 |
| 40                  | 2-8             | 127                                                                                                                            | 3-18            |                |                 |
| 42                  | 2-8             | 133                                                                                                                            | 3-18            |                |                 |
| 45                  | 2-8             | 140                                                                                                                            | 3-20            |                |                 |
| 48                  | 2-8             | 152                                                                                                                            | 3-20            |                |                 |





## GALVANIZED STEEL COIL/SHEETS

### ■ Specifications of galvanized steel

|                                    |                                                             |
|------------------------------------|-------------------------------------------------------------|
| Thickness (mm)                     | 0.14-1.5mm                                                  |
| Width (mm)                         | 900~1250mm                                                  |
| Coating Weight (g/m <sup>2</sup> ) | 30-275g/m <sup>2</sup>                                      |
| Inner Diameter (mm)                | 508/610mm                                                   |
| Surface structure                  | Regular spangle, Minimal spangle, Zero spangle, Big spangle |
| Surface Treatment                  | Chromated/Non-chromated, Oiled/Non-oiled, Anti fingerprints |

### ■ Mechanical properties of galvanized steel

| Usage                     | Grade     | Yield Strength (MPa) | Tensile strength (MPa) | Elongation(LO-80mm, B=20mm)% no less than |      |
|---------------------------|-----------|----------------------|------------------------|-------------------------------------------|------|
|                           |           |                      |                        | Nominal thickness(mm)                     |      |
|                           |           |                      |                        | <0.7                                      | >0.7 |
| Punching galvanized steel | DC51D+AZ  | —                    | <500                   | 22                                        | 24   |
|                           | DC52D+AZ  | <300                 | <420                   | 24                                        | 26   |
| Structure galvalume steel | S250GD+AZ | >250                 | >320                   | 22                                        |      |
|                           | S300GD+AZ | >300                 | >340                   | 18                                        |      |
|                           | S350GD+AZ | >350                 | >420                   | 14                                        |      |
|                           | S550GD+AZ | >550                 | >570                   | —                                         |      |



## GALVALUME STEEL COIL/SHEET

### ■ Specifications of galvalume steel

|                                    |                                                             |
|------------------------------------|-------------------------------------------------------------|
| Thickness (mm)                     | 0.14-1.5mm                                                  |
| Width (mm)                         | 900~1250mm                                                  |
| Coating Weight (g/m <sup>2</sup> ) | 30-275g/m <sup>2</sup>                                      |
| Inner Diameter (mm)                | 508/610mm                                                   |
| Surface structure                  | Regular spangle, Minimal spangle, Zero spangle, Big spangle |
| Surface Treatment                  | Chromated/Non-chromated, Oiled/Non-oiled, Anti fingerprints |

### ■ Mechanical properties of galvalume steel

| Usage                     | Grade     | Yield Strength (MPa) | Tensile strength (MPa) | Elongation(LO-80mm, B=20mm)% no less than |      |
|---------------------------|-----------|----------------------|------------------------|-------------------------------------------|------|
|                           |           |                      |                        | Nominal thickness(mm)                     |      |
|                           |           |                      |                        | <0.7                                      | >0.7 |
| Punching galvanized steel | DC51D+AZ  | —                    | <500                   | 22                                        | 24   |
|                           | DC52D+AZ  | <300                 | <420                   | 24                                        | 26   |
| Structure galvalume steel | S250GD+AZ | >250                 | >320                   | 22                                        |      |
|                           | S300GD+AZ | >300                 | >340                   | 18                                        |      |
|                           | S350GD+AZ | >350                 | >420                   | 14                                        |      |
|                           | S550GD+AZ | >550                 | >570                   | —                                         |      |

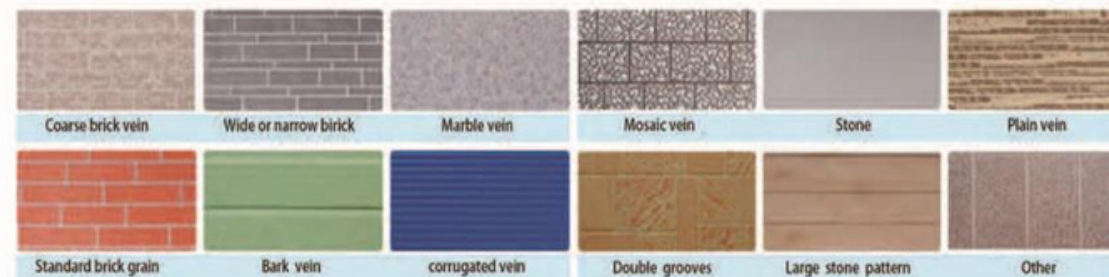
# STONE COATED STEEL ROOF THLE



## ■ Specifications of Stone Coated Steel Roof Tile

|                          |                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Material                 | protective layer+galvalume coating+steelbase+gavalume coating+protective layer+acrylic glue layer+stones+acrylicgazaing layer |
| Thickness                | 0.25mm 0.3mm 0.35mm 0.4mm0.45mm 0.5mm                                                                                         |
| Tile Size/Installed Size | 1345mmx420mm/1280mmx370mm                                                                                                     |
| Stone Color              | Blue /Red/Coffe Brown /Green,as your requirment                                                                               |
| Tile Per Square Meter    | 2.08sheets                                                                                                                    |
| Weight Per Pc            | 2.7kgs/sheet                                                                                                                  |
| Roofing Type             | Classical tile,Roman tile,Wave tile,Wood tile,Shingle tileMilano tile,Modern classical tile,as your requirment                |

# BUILDING METALWALLPANEL



## ■ Specifications of galvalume steel

|                           |                      |
|---------------------------|----------------------|
| The Weight/M <sup>2</sup> | 3.7kg/m <sup>2</sup> |
| Product Specification     | 3800×380×16mm        |
| Packing Size              | 3850×380×16mm        |
| Packing Number            | 8/Package            |



# PREPAINTED STEEL SHEET



Competitive products  
Mainstream products



NAICAI  
Color Aluminum Series



Customized color Steel Plate  
Printing plate, Filmed plate, Matte plate  
wrinkled plates, etc

## ■ Coating introduction

### Top paint

- PVDF, HDP, SMP, PE, PU
- Functions
- Decorative(color),Machinability,Weather resistance,Scratch resistance,Stain resistance,Chemical resistance and Adhesion resistance

### Back paint

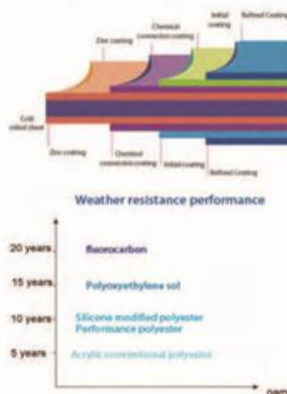
- Epoxy, Modified polyester

### Primer paint

- Polyurethane, Epoxy, PE
- Functions
- Machinability, Corrosion resistance, Adhesion, Scratch resistance

### Passivation film functions

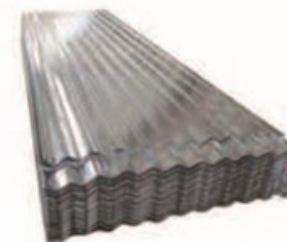
- Scratch resistance, Bending adhesion, Corrosion resistance



## ■ Specifications of prepainted steel sheet

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Type of coating process | Front:double coated& double drying<br>Back:double coated& double drying single coated&double drying      |
| Type of substrate       | Hotdipped galvanized steel coil, galvalume steel coil, cold rolled steel, aluminum                       |
| (mm)Thickness(mm)       | 0.14-2.0mm                                                                                               |
| (mm) Width (mm)         | 600~1500mm                                                                                               |
| Paint Top               | 15-35 Microns                                                                                            |
| Paint Back              | 5-35Microns                                                                                              |
| (mm)Inner Diameter(mm)  | 508/610mm                                                                                                |
| Coil Weight (MT)        | 3Mt-9Mt                                                                                                  |
| Coating types           | Top paint:PVDF、HDP.SMP.PEPU<br>Primer paint:Polyurethane,Epoxy,PE<br>Back paint:Epoxy,Modified polyester |

# CORRUGATED STEEL



Corrugated sheet is made of galvanized steel, galvalume steel or prepainted steel, by rolling into a variety of corrugated sheets, which is suitable for industrial and civil buildings. The design requirement is defined by the customers individually.

## ■ Specifications of prepainted steel sheet

|                                           |                                                                          |
|-------------------------------------------|--------------------------------------------------------------------------|
| Thickness (mm)                            | 0.13-1.0/BWG/AWG                                                         |
| Width before corrugation (mm)             | 762~1250 mm                                                              |
| Width after corrugation(mm)               | 600-1100 mm                                                              |
| 长度(mm)Length(mm)                          | 1000-12000 mm                                                            |
| g/m <sup>2</sup> Coating g/m <sup>2</sup> | 30-275 g/m <sup>2</sup>                                                  |
| Paint Top                                 | 15-35 Microns                                                            |
| Paint Back                                | 5-35 Microns                                                             |
| Color                                     | RAL SCALE                                                                |
| Weight per bundle (MT)                    | 2Mt-4Mt                                                                  |
| Type of substrate                         | Hot dipped galvanized steel coil, galvalume steel coil, prepainted steel |

## PREPAINTED STEEL SHEET



Competitive products  
Mainstream products



NAICAI  
Color Aluminum Series



Customized color Steel Plate  
Printing plate, Filmed plate, Matte plate  
wrinkled plates, etc

### Coating introduction

#### Top paint

PVDF, HDP, SMP, PE, PU

#### Functions

Decorative(color),Machinability,Weather  
resistance,Scratch resistance,Stain resistance,  
Chemical resistance and Adhesion resistance

#### Primer paint

Polyurethane, Epoxy, PE

#### Functions

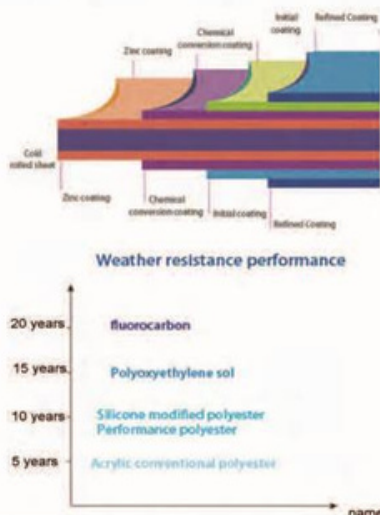
Machinability,Corrosion resistance, Adhesion,  
Scratch resistance

#### Back paint

Epoxy, Modified polyester

#### Passivation film functions

Scratch resistance, Bending adhesion, Corrosion  
resistance



### Specifications of pre-painted steel sheet

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| Type of coating process  | Front: double coated& double drying<br>Back: double coated& double drying single-coated & double drying             |
| Type of substrate        | Hot dipped galvanized steel coil, galvalume steel coil, cold rolled steel, aluminum                                 |
| (mm) Thickness (mm)      | 0.14-2.0mm                                                                                                          |
| (mm) Width (mm)          | 600-1500mm                                                                                                          |
| Paint Top                | 15-35 Microns                                                                                                       |
| Paint Back               | 5-35 Microns                                                                                                        |
| (mm) Inner Diameter (mm) | 508/610mm                                                                                                           |
| Coil Weight (MT)         | 3Mt-9Mt                                                                                                             |
| Coating types            | Top paint: PVDF, HDP, SMP, PE, PU<br>Primer paint: Polyurethane, Epoxy, PE<br>Back paint: Epoxy, Modified polyester |

## CORRUGATED STEEL



Corrugated sheet is made of galvanized steel, galvalume steel or pre-painted steel, by rolling into a variety of corrugated sheets, which is suitable for industrial and civil buildings. The design requirement is defined by the customers individually.

### Specifications of pre-painted steel sheet

|                                           |                                                                           |
|-------------------------------------------|---------------------------------------------------------------------------|
| Thickness (mm)                            | 0.13-1.0 / BWG / AWG                                                      |
| Width before corrugation (mm)             | 762-1250 mm                                                               |
| Width after corrugation (mm)              | 600-1100 mm                                                               |
| 长度 (mm) Length (mm)                       | 1000-12000 mm                                                             |
| g/m <sup>2</sup> Coating g/m <sup>2</sup> | 30-275 g/m <sup>2</sup>                                                   |
| Paint Top                                 | 15-35 Microns                                                             |
| Paint Back                                | 5-35 Microns                                                              |
| Color                                     | RAL SCALE                                                                 |
| Weight per bundle (MT)                    | 2Mt-4Mt                                                                   |
| Type of substrate                         | Hot dipped galvanized steel coil, galvalume steel coil, pre-painted steel |