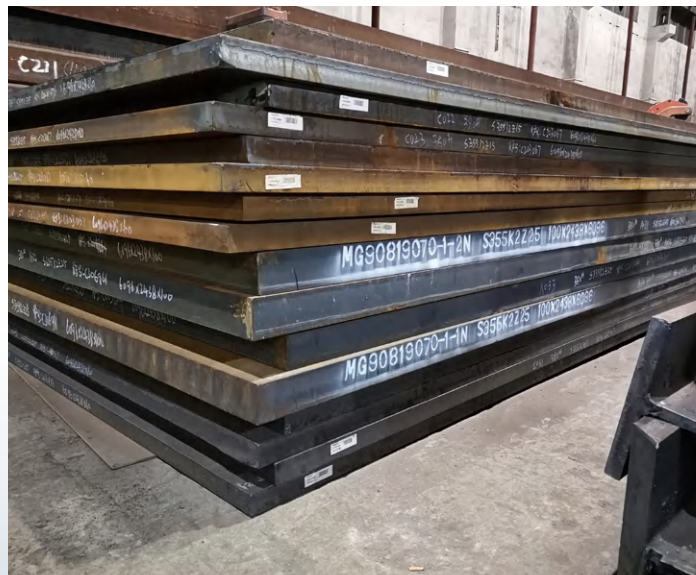
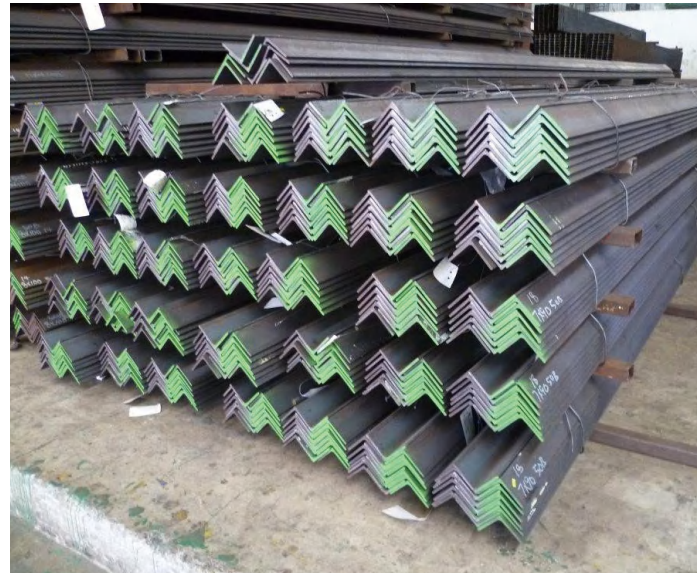
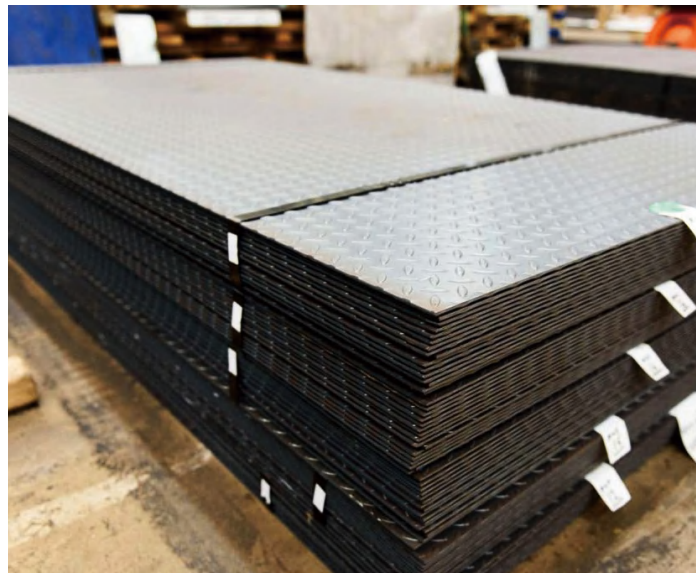




HK HuangShangYou Steel Industrial Limited
香港煌商佑鋼鐵實業有限公司



本公司所有產品可接受香港/澳門落單，大陸交貨/送貨服務

All products of our company can accept
Hong Kong/Macau orders, mainland delivery/delivery services.

寫字樓/Office:

香港九龍大角咀必發道69C
G/F, 69C Bedford Road Tai Kok Tsui, Kowloon, Hong Kong
Tel: +852-28366968
Phone: +852-92991977 +852-92992577
E-mail: king@ulsteel.com

貨倉/Factory:

中國廣東省惠州市瀝林鎮丹溪村111號
No.111 Danxi Village, Lilin Town, Huizhou City,
Guangdong Province, China
Phone: +86-13392872790
E-mail: admin@ulsteel.com



公司簡介

Company Profile

香港煌商佑鋼鐵實業有限公司

HK HUANGSHANGYOU STEEL INDUSTRIAL LIMITED

香港煌商佑鋼鐵實業有限公司經營建築鋼鐵材料及產品：

Universal Beams / Universal Columns工字鋼、FPC槽鐵、IPE、IPN、HE-HL、UPE、UPN、HEB、HEA、W、HD、UBP、L、HP、方通管、圓鋼管、扁鋼管、焊縫管及無縫鋼管、鋼板、圓鋼、角鋼、不等邊角鋼、扁鋼、方鋼、花紋鋼鐵板、高拉力螺紋鋼、熱鍍鋅鋼板、電解鍍鋅鐵片、不銹鋼板、Type2 / Type3 / Type3號熱成形鋼板樁、鍍鋅坑板，鋼結構加工業務、組合槽架哈芬槽及排水系統等。本公司營銷鋼材品種繁多未能盡錄，歡迎查詢。

所有鋼鐵原材料可按照客戶要求之呎吋進行加工燒焊及代客交付熱浸鍍鋅處理，配送到地盤服務。

HK HuangShangYou Steel Industrial Limited deals in construction steel materials and products:

Universal Beams, Universal Columns (I-beam), FPC channel iron, IPE, IPN, HE-HL, UPE, UPN, HEB, HEA, W, HD, UBP, L, HP, square hollow section pipe, circular hollow pipe, rectangular hollow section pipe, welded pipe and seamless steel pipe, steel plate, round steel, equal angle steel, unequal angle steel, flat steel bar, square steel bar, patterned steel plate, high tensile rebar, heat galvanized steel sheet, electrolytic galvanized steel sheet, stainless steel sheet, Type I / Type II / Type III sheet pile, galvanized channel, structural steel fabrication, combined trough frame Haffen trough and drainage system, etc. The varieties of steel materials marketing of company not all recorded. Welcome any inquire.

All steel materials can be processed, welded and hot dip galvanized according to the customer's requirements, and submit delivery service to job site.



大角咀地舖
Tai Kok Tsui Office

目錄

Contents

加工產品 Fabricated Products

熱浸鋅型材 Hot-dip Galvanized Steel Profiles	1
鋼結構加工 Structural Steel Fabrication	2
鐵器/五金冷貨加工 Dull Goods of Ironware / Hardware Fabrication	3
鋼材切割配送 Steel Cutting and Delivery	4

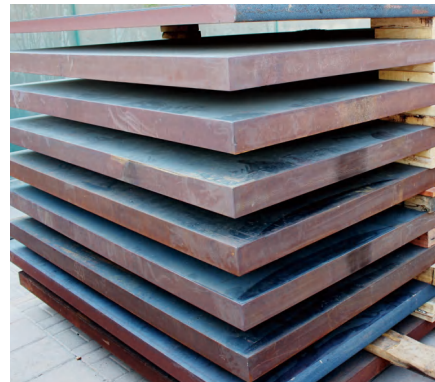


管材類 Hollow Sections & Tubes

熱成型結構方型鋼管 Hot Finished Structural Square Hollow Sections	5-6
冷成型結構方型鋼管 Cold Formed Welded Structural Square Hollow Sections	7
熱成型結構矩型鋼管 Hot Finished Structural Rectangular Hollow Sections	8-9
冷成型結構矩型鋼管 Cold Formed Welded Structural Rectangular Hollow Sections	10
熱成型結構圓型鋼管 Hot Finished Structural Circular Hollow Sections	11
冷成型結構圓型鋼管 Cold Formed Welded Structural Circular Hollow Sections	12
打樁鋼管 Piling Circular Hollow Sections	13-14
圓鋼喉管 Round Steel Tubes	14-15

鋼板類 Steel Plate

熱軋鋼板 Hot Rolled Steel Plates	16
花紋鋼板 Chequered Floor Plates	16
冷軋鋼板 Cold Rolled Steel Plates	17
鍍鋅鋼板 Galvanized Steel Plates	17
耐磨鋼板 Abrasion Resistant Steel Plates	17
考頓鋼 / 耐候鋼 Corten Steel Plate / Weathering Steel	18



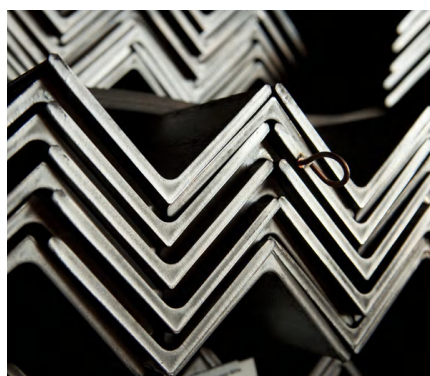
型鋼類 Sections

工字鋼 Universal Beams	19-20
工字鋼 (等邊) Universal Columns	21
工字鋼 (中國) I Sections (Chinese Standard)	22
工字鋼樁 Universal Bearing Piles	23
H型鋼 (中國) H Sections (Chinese Standard)	23-25
槽鋼 (斜腳) Channels (Tapered Flange)	26
槽鋼 (斜腳)(中國) Channels (Tapered Flange)(Chinese Standard)	26-27
槽鋼 (方腳) Channels (Parallel Flange)	27

目錄

Contents

角鋼 (等邊)	28
Equal Angles	
角鋼 (等邊)(中國)	29
Equal Angles (Chinese Standard)	
角鋼 (不等邊)	30
Unequal Angles	
角鋼 (不等邊)(中國)	30
Unequal Angles (Chinese Standard)	
丁字鋼	31
Tee Bars	
方鋼	31
Square Bars	

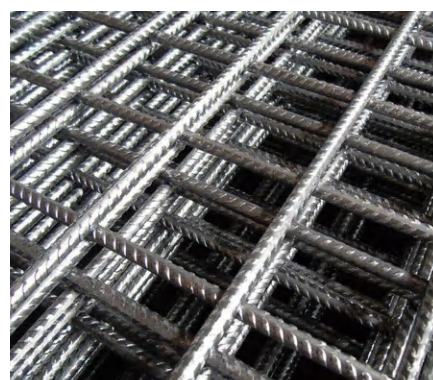


型鋼類 Sections



扁鋼	31
Flat Bars	
高拉力螺紋鋼	32
Deformed Bars	
圓鋼	32
Round Bars	
鋼板樁	32
Sheet Piles	
渠溝擋板	33
Trench Steel Sheet	
地坑防護擋土鋼板	33~34
Corrugated Trench Retaining Steel Plate	

鋼筋網	35
Shaped Steel Fabric	
金屬擴張網	36-38
Expanded Metal Lath	
鍍鋅電焊網	38
Galvanized Welded Mesh	
PVC 包膠網及鍍鋅青菱網(多用途圍網)	39
PVC-coated & Galvanized Chain Link Mesh	
鍍鋅不銹鋼網	39
Galvanized / Stainless Steel Mesh	
不銹鋼刮刀式老虎勒線	40
Stainless Steel Tiger Wire	



環保坑板	41
Galvanized Pre-printed Corrugated Sheets	
閉口鋼樓承板樓面系統	42
Closed Profiled Sheet Floor System	
開口鋼樓承板樓面系統	43
Opened Profiled Sheet Floor System	
燕尾式(縮口)鋼樓承板樓面系統	44
Dovetailed (Constricted) Profiled Sheet Floor System	

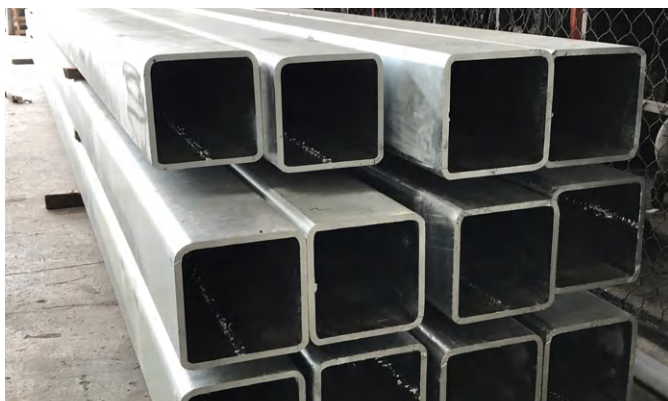
熱浸鍍鋅執行標準	45
Hot-dip Galvanized Standard	
中國標準	46
Chinese Standard (GB)	
歐盟標準	47-57
European Standard	
英國標準及歐洲標準的比較	58
Steel Grade Comparison Between BS 4360:1986 and EN 10025:1993	
國際標準對應表	58
List of Corresponding International Standard	

規格標準 Specifications

鋼網及其他產品類

Wire Mesh & Other Products

熱浸鋅型材 Hot-dip Galvanized Steel Profiles



熱浸鋅方通
Hot-dip Galvanized Square Hollow Sections



熱浸鋅H型鋼
Hot-dip Galvanized H Sections



熱浸鋅槽鋼
Hot-dip Galvanized Channel Steel



熱浸鋅角鋼
Hot-dip Galvanized Angle Steel



熱浸鋅圓管
Hot-dip Galvanized Circular Hollow Sections



熱浸鋅H型鋼
Hot-dip Galvanized H-beams



熱浸鋅扁通
Hot-dip Galvanized Rectangular Hollow Sections



熱浸鋅鋼板
Hot-dip Galvanized Steel Plates

鋼結構加工 Structural Steel Fabrication



熱浸鋅永久鋼鐵鋼樑
Hot-dip Galvanized Permanent Steel Beam



熱浸鋅桁架
Hot-dip Galvanized Truss



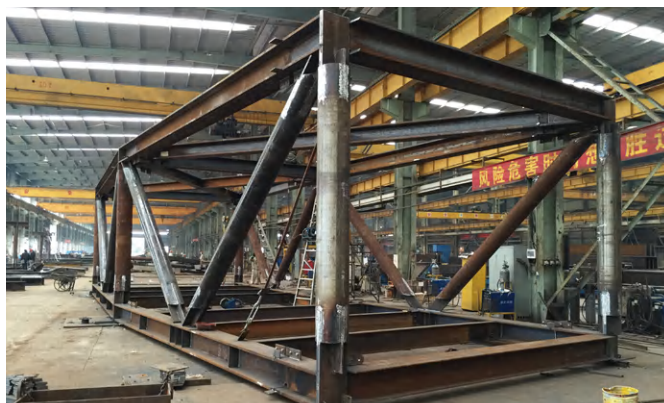
土木工程鋼板
Civil Foundation Engineering Steel Plate



熱浸鋅鋼結構材料
Hot-dip Galvanized Steel Structure Material



LED顯示屏鋼結構
Steel Structure of LED Panel



鋼結構天橋
Steel Structure Bridge



熱浸鋅鋼樑
Galvanized Steel Beam



鋼板梁製造
Steel Plate Girder Fabrication

鐵器/五金冷貨加工

Dull Goods of Ironware / Hardware Fabrication



欄杆欄河扶手
Railings



CEDD圍網門
CEDD Seine door



鋼結構樓梯
Steel Structure Stairs



格柵板
Steel Grating



Type 2 欄杆
Type 2 Railing



百葉窗
Louver



金屬玻璃槽
Metal Glass Tank



欄杆扶手
Railing

鋼材切割配送 Steel Cutting and Delivery



焊接加工
Welder Working with Electrode



地腳螺絲
Anchor Bolt



鋼板折彎
Steel Plate Bending



型材拉彎加工
Section Bending Process



鋼材切割
Steel Cutting



樁頭鋼板
Pile Head Steel Plate



鋸床切割
Sawing Machine Cutting

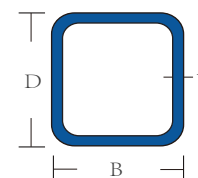


鑽探鋼管樁
Drilling Steel Pipe Pile

熱成型結構方型鋼管

Hot Finished Structural Square Hollow Sections

歐盟標準 European Standard EN 10210-2 : 2006



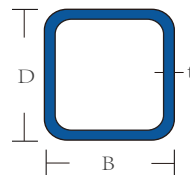
尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
20 x 20	1.5	0.87
	2.3	1.28
	3.0	1.6
30 x 30	1.5	1.34
	2.3	2.0
	3.0	2.47
40 x 40	1.5	1.7
	2.3	2.6
	3.0	3.41
	3.2	3.61
	4.0	4.39
50 x 50	5.0	5.28
	2.3	3.34
	3.0	4.35
	3.2	4.62
	3.6	5.08
	4.0	5.64
60 x 60	5.0	6.85
	6.3	8.31
	2.3	4.06
	3.0	5.29
	3.2	5.62
	3.6	6.21
	4.0	6.9
70 x 70	5.0	8.42
	6.3	10.3
	8.0	12.5
	3.6	7.4
	5.0	9.99
75 x 75	6.3	12.3
	8.0	15.0
	2.3	5.43
	3.0	7.08
	3.2	7.55
	3.6	8.49
	4.0	9.44
	4.5	10.62
80 x 80	5.0	11.80
	6.3	14.84
	8.0	18.84
	3.6	8.53
	4.0	9.41
	5.0	11.6
90 x 90	6.3	14.2
	8.0	17.5
	10.0	25.12
	3.6	9.66
	4.0	10.7
	5.0	13.1
100 x 100	6.3	16.2
	8.0	20.1
	10.0	28.26
	2.3	6.84
	3.0	8.93
	3.2	9.52
	3.6	10.71
	4.0	11.9
	4.5	13.39

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
100 x 100	5.0	14.7
	6.3	18.2
	8.0	22.6
	10.0	27.4
	12.5	33.0
120 x 120	16.0	50.24
	5.0	17.8
	6.3	22.2
	8.0	27.6
	10.0	33.7
140 x 140	12.5	40.9
	16.0	60.29
	5.0	21.0
	6.3	26.1
	8.0	32.6
150 x 150	10.0	40.0
	12.5	48.7
	5.0	22.6
	6.3	28.1
	8.0	35.1
160 x 160	10.0	43.1
	12.5	52.7
	16.0	65.2
	18.0	84.78
	20.0	94.20
180 x 180	20.0	100.48
	5.0	24.1
	6.3	30.1
	8.0	37.6
	10.0	46.3
200 x 200	12.5	56.6
	16.0	70.2
	18.0	90.43
	20.0	113.04
	5.0	27.3
250 x 250	6.3	34.0
	8.0	42.7
	10.0	52.5
	12.5	64.4
	16.0	80.2
	20.0	113.04
	5.0	30.4
	6.3	38.0
	8.0	47.7
	9.0	52.92
	10.0	58.8
	12.5	72.3
	16.0	90.3
	18.0	113.04
	20.0	125.60
	5.0	38.02
	6.3	47.9
	8.0	60.3
	10.0	74.5
	12.5	91.9
	16.0	115
	18.0	141.30
	20.0	157.00

熱成型結構方型鋼管

Hot Finished Structural Square Hollow Sections

歐盟標準 European Standard EN 10210-2 : 2006



尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
300 x 300	6.3	57.8
	8.0	72.8
	9.0	81.18
	10.0	90.2
	12.5	112
	16.0	141
	18.0	169.56
	20.0	188.40
	25.0	235.50
350 x 350	6.0	64.05
	8.0	85.4
	9.0	95.4
	10.0	106
	12.5	131
	16.0	166
	18.0	197.82
	20.0	219.80
	20.0*	190
	22.0*	217
	25.0#	242
	25.0	247.75
	30.0	329.70
400 x 400	6.0	73.20
	8.0	97.60
	9.0	109.80
	10.0	122
	12.5	151
	16.0	191
	20.0	235
	22.0*	251
	25.0#	282
	28.0	311
450 x 450	12.0*	162
	16.0*	213
	19.0*	250
	22.0*	286
	25.0#	321
	28.0	355
500 x 500	32.0	399
	36.0	498
	12.0*	181
	16.0*	238
	19.0*	280
	22.0*	320
550 x 550	25.0#	360
	28.0	399
	32.0	450
	36.0	498
	16*	263
	19*	309
	22*	355
	25	399
600 x 600	28	443
	32	500
	36	555
	40	608
	16*	288
	19*	339
	22*	389
	25	439
650 x 650	28	487
	32	550
	36	611
	40	671
	45	743
	50	813
	16	313
	19	369
700 x 700	22	424
	25	478
	28	531
	32	600
	36	668
	40	734
	45	814
	50	891
	55	966
	60	1039
750 x 750	16	338
	19	399
	22	459
	25	517
	28	575
	32	651
	36	724
	40	797
	45	885
	50	970
800 x 800	55	1053
	60	1133
	16	364
	19	429
	22	493
	25	556
	28	619
	32	701
850 x 850	36	781
	40	859
	45	955
	50	1048
	55	1139
	60	1227
	16	389
	19	459
	22	528
	25	596
900 x 900	28	663
	32	751
	36	837
	40	922
	45	1026
	50	1127
	55	1225
	60	1321

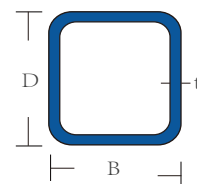
本页上的所有鋼管均采用SAW焊縫鋸加工製造，另外標*部分采用ERW工藝製造，標#采用SAW單焊縫鋸加工製造。

All sections on this page are manufactured by SAW process with one seam weld otherwise *manufactured by ERW process and # manufactured by SAW process with one seam weld.

冷成型結構方型鋼管

Cold Formed Welded Structural Square Hollow Sections

歐盟標準 European Standard EN 10219-2 : 2006



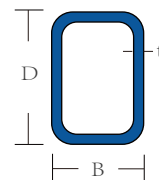
尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
20 x 20	2.0	1.05
	2.0	1.36
	2.5	1.64
	3.0	1.89
25 x 25	2.0	1.68
	2.5	2.03
	3.0	2.36
30 x 30	2.0	2.31
	2.5	2.82
	3.0	3.30
40 x 40	4.0	4.20
	2.0	2.93
	2.5	3.60
50 x 50	3.0	4.25
	4.0	5.45
	5.0	6.56
60 x 60	2.0	3.56
	2.5	4.39
	3.0	5.19
	4.0	6.71
	5.0	8.13
	6.0	9.45
70 x 70	6.3	9.55
	2.5	5.17
	3.0	6.13
	3.5	7.06
	4.0	7.97
	5.0	9.70
80 x 80	6.0	11.3
	6.3	11.5
	3.0	7.07
	3.5	8.16
	4.0	9.22
	5.0	11.3
90 x 90	6.0	13.2
	6.3	13.5
	8.0	16.4
	3.0	8.01
	3.5	9.26
	4.0	10.5
100 x 100	5.0	12.8
	6.0	15.1
	6.3	15.5
	8.0	18.9
	3.0	8.96
	4.0	11.7
120 x 120	5.0	14.4
	6.0	17.0
	6.3	17.5
	8.0	21.4
	10.0	25.6
	12.5	29.1

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
140 x 140	4.0	16.8
	5.0	20.7
	6.0	24.5
	8.0	31.4
	10.0	38.1
150 x 150	4.0	18.0
	5.0	22.3
	6.0	26.4
	6.3	27.4
	8.0	33.9
	10.0	41.3
160 x 160	12.5	48.7
	16.0	58.7
	4.0	19.3
	5.0	23.8
	6.0	28.3
180 x 180	8.0	36.5
	10.0	44.4
	4.0	21.8
	5.0	27.0
	6.0	32.1
	6.3	33.3
200 x 200	8.0	41.5
	10.0	50.7
	12.0	58.5
	12.5	60.5
	16.0	73.8
	4.0	24.3
250 x 250	5.0	30.1
	6.0	35.8
	6.3	37.2
	8.0	46.5
	10.0	57.0
	12.0	66.0
300 x 300	12.5	68.3
	16.0	83.8
	5.0	38.0
	6.0	45.2
	6.3	47.1
	8.0	59.1
350 x 350	10.0	72.7
	12.0	84.8
	12.5	88.0
	16.0	109
	6.0	54.7
	6.3	57.0
400 x 400	8.0	71.6
	10.0	88.4
	12.0	104
	12.5	108
400 x 400	16.0	134
	8.0	84.2
	10.0	104
	12.0	123
400 x 400	12.5	127
	16.0	159
400 x 400	10.0	120
	12.0	141
	12.5	147
	16.0	184

熱成型結構矩型鋼管

Hot Finished Structural Rectangular Hollow Sections

歐盟標準 European Standard EN 10210-2 : 2006



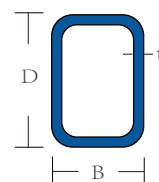
尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
30 x 20	1.5	1.11
	2.3	1.64
	3.0	2.07
40 x 20	1.5	1.34
	2.3	2.00
	3.0	2.54
40 x 30	1.5	1.58
	2.3	2.36
	3.0	3.01
50 x 25	1.5	1.70
	2.3	2.54
	3.0	3.25
50 x 30	1.5	1.81
	2.3	2.72
	3.0	3.41
	3.2	3.61
	4.0	4.39
	5.0	5.28
60 x 40	1.5	2.18
	2.3	3.34
	2.6	3.81
	3.0	4.35
	3.2	4.62
	4.0	5.64
	5.0	6.85
	6.3	8.31
75 x 45	2.3	4.69
	3.0	6.12
	4.0	8.16
80 x 40	3.2	5.62
	4.0	6.90
	5.0	8.42
	6.3	10.3
	8.0	12.5
90 x 50	3.6	7.4
	5.0	9.99
	6.3	12.3
100 x 50	2.3	5.14
	3.0	6.71
	4.0	8.78
	4.5	9.88
	5.0	10.8
	6.3	13.3
	8.0	16.3
100 x 60	2.3	5.45
	3.0	7.11
	4.0	9.41
	5.0	11.6
	6.3	14.2
	8.0	17.5
100 x 80	2.3	7.27
	3.0	9.48
	4.0	12.64
	4.5	14.22
	5.0	15.80

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
120 x 60	3.6	9.66
	4.0	10.7
	5.0	13.1
	6.3	16.2
	8.0	20.1
120 x 80	10.0	24.3
	4.0	11.9
	5.0	14.7
	6.3	18.2
	8.0	22.6
150 x 100	10.0	27.4
	12.5	33.0
	4.0	15.1
	5.0	18.6
	6.3	23.1
160 x 80	8.0	28.9
	10.0	35.3
	12.5	42.8
	4.0	14.4
	5.0	17.8
200 x 100	6.3	22.2
	8.0	27.6
	10.0	33.7
	12.5	40.9
	16.0	65.2
200 x 120	5.0	22.6
	6.3	28.1
	8.0	35.1
	10.0	43.1
	12.5	52.7
200 x 150	16.0	65.2
	5.0	24.1
	6.3	30.1
250 x 100	8.0	37.6
	10.0	46.3
	8.0	41.4
	10.0	51.0
250 x 150	10.0	51.0
	12.5	62.5
	5.0	30.4
	6.3	38.0
	8.0	47.7
	10.0	58.8
300 x 100	12.5	72.3
	16.0	90.3
	8.0	47.7
	10.0	58.8
	6.3	47.9
300 x 200	8.0	60.3
	10.0	74.5
	12.5	91.9
	16.0	115

熱成型結構矩型鋼管

Hot Finished Structural Rectangular Hollow Sections

歐盟標準 European Standard EN 10210-2 : 2006



尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
350 x 250	6.3	57.8
	8.0	72.8
	10.0	90.2
	12.5	112
	16.0	141
400 x 200	8.0	72.8
	10.0	90.2
	12.5	112
	16.0	141
450 x 250	8.0	85.4
	10.0	106
	12.5	131
	16.0	166
500 x 300	10.0	122
	12.5	151
	16.0	191
	20.0	235
450 x 250	8.0	85.4
	10.0	106
	12.5	131
	16.0	166
500 x 300	8.0	97.6
	10.0	122
	12.5	151
	16.0	191
	20.0	235
	22.0	251
	25.0	282

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
550 x 350	12.0	162
	16.0	213
	20.0	250
	22.0	286
	25.0	321
	28.0	355
600 x 400	12.0	181
	16.0	238
	20.0	280
	22.0	320
	25.3	360
	28.0	399
	32.0	450
650 x 450	16.0	263
	20.0	309
	22.0	335
	25.0	399
	28.0	443
	32.0	500
	36.0	555
750 x 500	16.0	301
	20.0	354
	22.0	407
	25.0	458
	28.0	509
	32.0	575
	36.0	640
	40.0	702

備註:

Remarks:

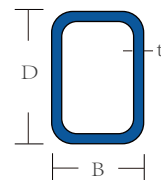
可根據客戶要求訂做非標尺寸鋼管規格厚度，歡迎查詢。

Can be customized according to customer requirements of non-standard size steel pipe thickness.
Welcome to inquire.

冷成型結構矩型鋼管

Cold Formed Welded Structural Rectangular Hollow Sections

歐盟標準 European Standard EN 10219-2 : 2006



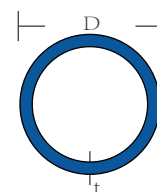
尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
40 x 20	2.0	1.68
	3.0	2.36
50 x 25	2.0	2.15
	2.5	2.62
	3.0	3.07
50 x 30	2.0	2.31
	2.5	2.82
	3.0	3.30
	4.0	4.20
60 x 30	3.0	3.77
	4.0	4.83
60 x 40	2.0	2.93
	2.5	3.60
	3.0	4.25
	4.0	5.45
	5.0	6.56
70 x 40	3.0	4.72
	4.0	6.08
70 x 50	3.0	5.19
	4.0	6.71
80 x 40	2.0	3.56
	3.0	5.19
	4.0	6.71
	5.0	8.13
80 x 50	3.0	5.66
	4.0	7.34
	5.0	8.91
80 x 60	3.0	6.13
	4.0	7.97
	5.0	9.70
90 x 50	3.0	6.13
	3.5	7.06
	4.0	7.97
	5.0	9.70
100 x 50	2.5	5.56
	3.0	6.60
	4.0	8.59
	5.0	10.5
	6.0	12.3
100 x 60	3.0	7.07
	4.0	9.22
	5.0	11.3
100 x 80	3.0	8.01
	4.0	10.5
	5.0	12.8
120 x 60	3.0	8.01
	3.5	9.26
	4.0	10.5
	5.0	12.8
	6.0	15.1
	6.3	15.5
	8.0	18.9
120 x 80	3.0	8.96
	4.0	11.7
	5.0	14.4
	6.0	17.0
	6.3	17.5
	8.0	21.4
140 x 80	3.0	9.90
	4.0	13.0
	5.0	16.0
	6.0	18.9
	8.0	23.9
	10.0	28.7

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
150 x 100	4.0	14.9
	5.0	18.3
	6.0	21.7
	6.3	22.4
	8.0	27.7
	10.0	33.4
	12.0	37.7
160 x 80	12.5	38.9
	4.0	14.2
	5.0	17.5
	6.0	20.7
	6.3	21.4
	8.0	26.4
180 x 80	10.0	31.8
	12.0	35.8
	12.5	36.9
	4.0	15.5
	5.0	19.1
180 x 100	6.0	22.6
	8.0	28.9
	10.0	35.0
	4.0	16.8
200 x 100	5.0	20.7
	6.0	24.5
	8.0	31.4
	10.0	38.1
	4.0	18.0
200 x 120	5.0	22.3
	6.0	26.4
	6.3	27.4
	8.0	33.9
	10.0	41.3
	12.0	47.1
200 x 150	12.5	48.7
	4.0	19.3
	5.0	23.8
	6.0	28.3
	8.0	36.5
250 x 150	10.0	44.4
	4.0	21.2
	5.0	26.2
	6.0	31.1
	8.0	40.2
	10.0	49.1
300 x 100	5.0	30.1
	6.0	35.8
	6.3	37.2
	8.0	46.5
	10.0	57.0
	12.0	66.0
	12.5	68.3
300 x 200	16.0	83.8
	6.0	35.8
	8.0	46.5
	10.0	57.0
	12.5	68.3
	16.0	109
400 x 200	6.0	45.2
	6.3	47.1
	8.0	59.1
	10.0	72.7
400 x 300	12.0	84.8
	12.5	88.0
	16.0	134
	8.0	71.6
	12.5	108
400 x 300	16.0	159
	8.0	84.2
	10.0	104
400 x 300	12.5	127
	16.0	159

熱成型結構圓型鋼管

Hot Finished Structural Circular Hollow Sections

歐盟標準 European Standard EN 10210-2 : 2006



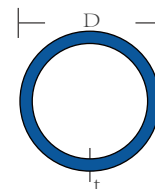
外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
26.9	3.2	1.87
	2.6	1.99
	3.2	2.41
	4.0	2.93
	5.0	4.15
33.7	3.2	3.09
	4.0	3.79
	5.0	5.23
42.4	3.2	3.56
	4.0	4.37
	5.0	5.34
48.3	6.3	7.50
	3.2	4.51
	4.0	5.55
60.3	5.0	6.82
	6.3	9.36
	8.0	11.89
76.1	3.0	5.24
	3.2	5.75
	4.0	7.11
	5.0	8.77
	6.3	11.82
88.9	8.0	15.01
	3.2	6.76
	4.0	8.38
	5.0	10.3
	6.3	12.8
114.3	8.0	17.53
	10.0	21.91
	3.2	8.77
	3.6	9.83
	4.0	10.9
139.7	5.0	13.5
	6.3	16.8
	10.0	25.7
	4.0	13.4
	5.0	16.6
168.3	6.3	20.7
	8.0	26.0
	10.0	32.0
	12.5	39.2
	4.0	16.2
193.7	5.0	20.1
	6.3	25.2
	8.0	31.6
	10.0	39.0
	12.5	48.0
219.1	16.0	66.37
	5.0	23.3
	6.3	29.1
	8.0	36.6
	10.0	45.3
244.5	12.5	55.9
	16.0	70.1
	20.0	95.49
	5.0	26.4
	6.3	33.1
	8.0	41.6
	10.0	51.6
	12.5	63.7
	16.0	80.1
	20.0	108.1
	6.3	37.0
	8.0	46.7
	10.0	57.8
	12.5	71.5
	16.0	90.2
	20.0	120.53

外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
273	6.3	41.4
	8.0	52.3
	10.0	64.9
	12.5	80.3
	16.0	101
	20.0	125
323.9	25.0	153
	6.3	49.3
	8.0	62.3
	10.0	77.4
	12.5	96.0
	16.0	121
355.6	20.0	150
	25.0	184
	28.0	223.55
	6.3	54.3
	8.0	68.6
	10.0	85.2
406.4	12.5	106
	16.0	134
	20.0	166
	25.0	204
	30.0	262.96
	8.0	78.6
457.0	10.0	97.8
	12.5	121
	16.0	154
	20.0	191
	25.0	235
	30.0	300.52
508.0	10.0	110
	12.5	137
	16.0	174
	20.0	216
	22.0	236
	25.0	266
559.0	28.0	296
	30.0	317
	32.0	335
	36.0	374
	40.0	411
	10.0	123
610.0	12.5	153
	16.0	194
	20.0	241
	22.0	264
	25.0	298
	28.0	331
660.0	30.0	375.65
	32.0	400.69
	36.0	419
	40.0	462
	25.0	329
	28.0	367
711.0	32.0	416
	36.0	464
	40.0	512
	28.0	402
	32.0	456
	36.0	510
	40.0	562
	28.0	436
	32.0	496
	36.0	554
	40.0	612
	28.0	472
	32.0	536
	36.0	599
	40.0	662

冷成型結構圓型鋼管

Cold Formed Welded Structural Circular Hollow Sections

歐盟標準 European Standard EN 10219-2 : 2006



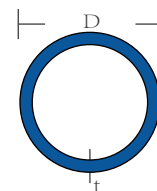
外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
21.3	2.0	0.95
	3.0	1.35
26.9	2.0	1.23
	2.5	1.50
	3.0	1.77
33.7	2.0	1.56
	2.5	1.92
	3.0	2.27
	4.0	2.93
42.4	2.0	1.99
	2.5	2.46
	3.0	2.91
	4.0	3.79
48.3	2.0	2.28
	2.5	2.82
	3.0	3.35
	4.0	4.37
	5.0	5.34
60.3	2.0	2.88
	3.0	4.24
	4.0	5.55
	5.0	6.82
76.1	2.0	3.65
	2.5	4.54
	3.0	5.41
	4.0	7.11
	5.0	8.77
	6.0	10.4
	6.3	10.8
88.9	2.0	4.29
	3.0	6.36
	4.0	8.38
	5.0	10.3
	6.0	12.3
	6.3	12.8
101.6	2.0	4.91
	3.0	7.29
	4.0	9.63
	5.0	11.9
	6.0	14.1
	6.3	14.8
114.3	3.0	8.23
	4.0	10.9
	5.0	13.5
	6.0	16.0
	6.3	16.8
	8.0	21.0
139.7	3.0	10.1
	4.0	13.4
	5.0	16.6
	6.0	19.8
	6.3	20.7
	8.0	26.0
	10.0	32.0
168.3	3.0	12.2
	4.0	16.2
	5.0	20.1
	6.0	24.0
	6.3	25.2
	8.0	31.6
	10.0	39.0
193.7	12.5	48.0
	4.0	18.7
	5.0	23.3
	6.0	27.8

外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
193.7	6.3	29.1
	8.0	36.6
	10.0	45.3
	12.5	55.9
219.1	4.0	21.2
	5.0	26.4
	6.0	31.5
	6.3	33.1
	8.0	41.6
	10.0	51.6
	12.0	61.3
	12.5	63.7
244.5	16.0	80.1
	5.0	29.5
	6.0	35.3
	8.0	46.7
	10.0	57.8
	12.0	68.8
	12.5	71.5
273.0	16.0	90.2
	5.0	33.0
	6.0	39.5
	6.3	41.4
	8.0	52.3
	10.0	64.9
	12.0	77.2
	12.5	80.3
323.9	16.0	101
	5.0	39.3
	6.0	47.0
	6.3	49.3
	8.0	62.3
	10.0	77.4
	12.0	92.3
	12.5	96.0
355.6	16.0	121
	5.0	43.2
	6.0	47.0
	6.3	54.3
	8.0	68.6
	10.0	85.2
	12.0	102
	12.5	106
406.4	16.0	134
	6.0	59.2
	8.0	78.6
	10.0	97.8
	12.0	117
	12.5	121
457.0	16.0	154
	6.0	66.7
	8.0	88.6
	10.0	110
	12.0	132
	12.5	137
508.0	16.0	174
	6.0	74.3
	8.0	98.6
	10.0	123
	12.0	147
	12.5	153
	16.0	194
610.0	10.0	148
	12.5	184
	16.0	234

打樁鋼管

Piling Circular Hollow Sections

歐盟標準 European Standard BS EN 10219-1:2006

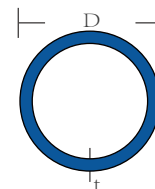


外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
219.1	5.0	26.4
	6.3	33.1
	8.0	41.6
	10.0	51.6
	12.5	63.7
	14.2	71.8
	16.0	80.1
244.5	5.0	29.5
	6.3	37.0
	8.0	46.7
	10.0	57.8
	12.5	71.5
	14.2	80.6
	16.0	90.2
273	20.0	111
	5.0	33.0
	6.3	41.4
	8.0	52.3
	10.0	64.9
	12.5	80.3
	14.2	90.6
323.9	16.0	101
	20.0	125
	25.0	153
	5.0	39.3
	6.3	49.3
	8.0	62.3
	10.0	77.4
355.6	12.5	96.0
	14.2	109
	16.0	121
	20.0	150
	25.0	184
	6.3	54.3
	8.0	68.6
406.4	10.0	85.2
	12.5	106
	14.2	120
	16.0	134
	20.0	166
	25.0	204
	6.3	62.2
457	8.0	78.6
	10.0	97.8
	12.5	121
	14.2	137
	16.0	154
	20.0	191
	25.0	235
	6.3	70.0
	8.0	88.6
	10.0	110
	12.5	137
	14.2	155
	16.0	174
	20.0	216
	25.0	266

外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
508	6.3	77.9
	8.0	98.6
	10.0	123
	12.5	153
	14.2	173
	16.0	194
	20.0	241
610	25.0	298
	30.0	354
	40.0	462
	6.3	93.8
	8.0	119
	10.0	148
	12.5	184
711	14.2	209
	16.0	234
	20.0	291
	25.0	361
	30.0	429
	40.0	562
	50.0	691
762	6.3	109
	8.0	139
	10.0	173
	12.5	215
	14.2	244
	16.0	274
	20.0	341
813	25.0	423
	30.0	504
	40.0	662
	50.0	815
	60.0	963
	6.3	117
	8.0	149
914	10.0	185
	12.5	231
	14.2	262
	16.0	294
	20.0	366
	25.0	454
	30.0	542
	40.0	712
	50.0	878
	8.0	159
	10.0	198
	12.5	247
	14.2	280
	16.0	314
	20.0	391
	25.0	468
	30.0	579
	8.0	179
	10.0	223
	12.5	278
	14.2	315
	16.0	354
	20.0	441
	25.0	548
	30.0	654

打樁鋼管 Piling Circular Hollow Sections

歐盟標準 European Standard BS EN 10219-1:2006

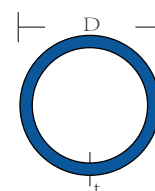


外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
1016	8	199
	10	248
	12.5	309
	14.2	351
	16	395
	20	491
	25	611
	30	729
1067	10	261
	12.5	325
	14.2	369
	16	415
	20	516
	25	642
	30	767

外徑 Outside Diameter	厚度 Thickness	單位重量 Mass per Unit Length
D (mm)	t (mm)	kg/m
1168	10	286
	12.5	356
	14.2	404
	16	455
	20	566
	25	705
1219	10	298
	12.5	372
	14.2	422
	16	475
	20	591
	25	736

圓鋼喉管 Round Steel Tubes

歐盟標準 European Standard EN10255:2004 – Type L series

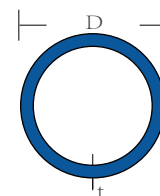


標號 DN	喉管外徑 Specified Outside Diameter	螺紋規格 Thread Size	輕級 Type L Series				
			外徑 O.D.		單位重量 Mass (kg/m)		
			最大 Max.	最小 Min.	厚度 Thickness	平頭	有牙
(mm)	(mm)	(inch)	D (mm)	D (mm)	t (mm)	Plain End	Threaded & Socketed
8	13.5	1/4	13.9	13.2	2.0	0.567	0.571
10	17.2	3/8	17.4	16.7	2.0	0.750	0.756
15	21.3	1/2	21.7	21.0	2.3	1.08	1.09
20	26.9	3/4	27.1	26.4	2.3	1.40	1.41
25	33.7	1	34.0	33.2	2.9	2.20	2.22
32	42.4	1-1/4	42.7	41.9	2.9	2.82	2.85
40	48.3	1-1/2	48.6	47.8	2.9	3.25	3.29
50	60.3	2	60.7	59.6	3.2	4.51	4.58
65	76.1	2-1/2	76.0	75.2	3.2	5.75	5.87
80	88.9	3	88.7	87.9	3.2	6.76	6.93
90	101.6	3-1/2	101.2	100.3	3.6	8.70	8.88
100	114.3	4	113.9	113.0	3.6	9.83	10.1
125	139.7	5	140.8	138.5	4.5	15.0	15.5
150	165.1	6	166.5	163.9	4.5	17.8	18.4

標號 DN	喉管外徑 Specified Outside Diameter	螺紋規格 Thread Size	輕級一號 Type L1 Series				
			外徑 O.D.		單位重量 Mass (kg/m)		
			最大 Max.	最小 Min.	厚度 Thickness	平頭	有牙
(mm)	(mm)	(inch)	D (mm)	D (mm)	t (mm)	Plain End	Threaded & Socketed
8	13.5	1/4	13.9	13.2	2.0	0.570	0.574
10	17.2	3/8	17.4	16.7	2.0	0.742	0.748
15	21.3	1/2	21.7	21.0	2.3	1.08	1.09
20	26.9	3/4	27.1	26.4	2.3	1.39	1.40
25	33.7	1	34.0	33.2	2.9	2.20	2.22
32	42.4	1-1/4	42.7	41.9	2.9	2.82	2.85
40	48.3	1-1/2	48.6	47.8	2.9	3.24	3.28
50	60.3	2	60.7	59.6	3.2	4.49	4.56
65	76.1	2-1/2	76.3	75.2	3.2	5.73	5.85
80	88.9	3	89.4	87.9	3.6	7.55	7.72
100	114.3	4	114.9	113.0	4.0	10.8	11.1

圓鋼喉管
Round Steel Tubes

歐盟標準 European Standard EN10255:2004 – Heavy & Medium Series



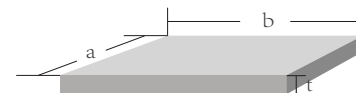
標號 DN	喉管外徑 Specified Outside Diameter	螺紋規格 Thread Size	輕級二號 Type L2 Series				
			外徑 O.D.		單位重量 Mass (kg/m)		
			最大 Max.	最小 Min.	厚度 Thickness	平頭	有牙
(mm)	(mm)	(inch)	D (mm)	D (mm)	t (mm)	Plain End	Threaded & Socketed
8	13.5	1/4	13.6	13.2	1.8	0.515	0.519
10	17.2	3/8	17.1	16.7	1.8	0.670	0.676
15	21.3	1/2	21.4	21.0	2.0	0.947	0.956
20	26.9	3/4	26.9	26.4	2.3	1.38	1.39
25	33.7	1	33.8	33.2	2.6	1.98	2.00
32	42.4	1-1/4	42.5	41.9	2.6	2.54	2.57
40	48.3	1-1/2	48.4	47.8	2.9	3.23	3.27
50	60.3	2	60.2	59.6	2.9	4.08	4.15
65	76.1	2-1/2	76.0	75.2	3.2	5.71	5.83
80	88.9	3	88.7	87.9	3.2	6.72	6.89
100	114.3	4	113.9	113.0	3.6	9.75	10.0

標號 DN	喉管外徑 Specified Outside Diameter	螺紋規格 Thread Size	重級 Heavy Series				
			外徑 O.D.		單位重量 Mass (kg/m)		
			最大 Max.	最小 Min.	厚度 Thickness	平頭	有牙
(mm)	(mm)	(inch)	D (mm)	D (mm)	t (mm)	Plain End	Threaded & Socketed
6	10.2	1/8	10.6	9.80	2.6	0.487	0.490
8	13.5	1/4	14.0	13.2	2.9	0.765	0.769
10	17.2	3/8	17.5	16.7	2.9	1.02	1.03
15	21.3	1/2	21.8	21.0	3.2	1.44	1.45
20	26.9	3/4	27.3	26.5	3.2	1.87	1.88
25	33.7	1	34.2	33.3	4.0	2.93	2.95
32	42.4	1-1/4	42.9	42.0	4.0	3.79	3.82
40	48.3	1-1/2	48.8	47.9	4.0	4.37	4.41
50	60.3	2	60.8	59.7	4.5	6.19	6.26
65	76.1	2-1/2	76.6	75.3	4.5	7.93	8.05
80	88.9	3	89.5	88.0	5.0	10.3	10.5
100	114.3	4	115.0	113.1	5.4	14.5	14.8
125	139.7	5	140.8	138.5	5.4	17.9	18.4
150	165.1	6	166.5	163.9	5.4	21.3	21.9

標號 DN	喉管外徑 Specified Outside Diameter	螺紋規格 Thread Size	中級 Medium Series				
			外徑 O.D.		單位重量 Mass (kg/m)		
			最大 Max.	最小 Min.	厚度 Thickness	平頭	有牙
(mm)	(mm)	(inch)	D (mm)	D (mm)	t (mm)	Plain End	Threaded & Socketed
6	10.2	1/8	10.6	9.80	2.0	0.404	0.407
8	13.5	1/4	14.0	13.2	2.3	0.641	0.645
10	17.2	3/8	17.5	16.7	2.3	0.839	0.845
15	21.3	1/2	21.8	21.0	2.6	1.21	1.22
20	26.9	3/4	27.3	26.5	2.6	1.56	1.57
25	33.7	1	34.2	33.3	3.2	2.41	2.43
32	42.4	1-1/4	42.9	42.0	3.2	3.10	3.13
40	48.3	1-1/2	48.8	47.9	3.2	3.56	3.60
50	60.3	2	60.8	59.7	3.6	5.03	5.10
65	76.1	2-1/2	76.6	75.3	3.6	6.42	6.54
80	88.9	3	89.5	88.0	4.0	8.36	8.53
100	114.3	4	115.0	113.1	4.5	12.2	12.5
125	139.7	5	140.8	138.5	5.0	16.6	17.1
150	165.1	6	166.5	163.9	5.0	19.8	20.4

熱軋鋼板 Hot Rolled Steel Plates

歐盟標準/國際標準 European Standard/International Standard



單位重量 Unit Weight 千克/件 (kg/pcs)		尺寸 Size (a x b)							
		(3' x 6')	(3' x 7')	(4' x 8')	(5' x 10')	(5' x 20')	(6' x 20')	(6' x 24')	(8' x 20')
		914 x 1829mm	914 x 2134mm	1219 x 2438mm	1524 x 3048mm	1524 x 6096mm	1829 x 6096mm	1829 x 7315mm	2438 x 6096mm
厚度 Thickness (mm)	1.2	15.75	18.37	28.00					
	1.5	19.68	22.97	34.99	54.70				
	2.0	26.25	30.62	46.66	72.93				
	2.5	32.81	38.28	58.32	91.16				
	3.0	39.37	45.93	69.99	109.39	218.79			
	4.0	52.49	61.24	93.32	145.86	291.72			
	5.0	65.61	76.56	116.65	182.32	364.64	437.62	525.13	583.34
	6.0	78.74	91.97	139.98	218.79	437.57	525.15	630.16	700.00
	8.0	105.00	122.50	186.64	291.72	583.43	700.19	840.21	933.34
	10.0	131.25	153.12	233.30	364.64	729.29	875.24	1050.26	1166.67
	12.0	157.50	183.74	279.96	437.57	875.15	1050.29	1260.31	1400.00
	15.0	196.88	229.68	349.94	546.97	1093.93	1312.66	1575.31	1750.01
	16.0	210.00	244.99	373.27	583.43	1166.86	1400.39	1680.42	1866.67
	20.0	262.50	306.24	466.59	729.29	1458.58	1750.48	2100.52	2333.34
	22.0	288.75	336.86	513.25	802.22	1604.44	1925.53	2310.58	2566.68
	25.0	328.13	382.80	583.24	911.61	1823.22	2188.11	2625.66	2916.68
	30.0	393.75	459.36	699.89	1093.92	2187.87	2625.73	3150.78	3500.01
	32.0	420.00	489.98	746.55	1166.85	2333.72	2800.78	3360.83	3733.35
	35.0	459.38	535.92	816.54	676.24	2552.51	3036.35	3675.91	4083.35
	38.0	498.75	581.86	886.52	1385.63	2771.30	3325.92	3990.99	4433.35
	40.0	525.00	612.48	933.18	1458.56	2917.16	3500.97	4201.04	4666.68
	45.0	590.63	689.04	1049.83	1640.88	3281.80	3938.59	4726.17	5250.02
	50.0	656.25	765.60	1166.48	1823.20	3646.44	4376.21	5251.13	5833.35
	55.0	721.76	842.12	1283.13	2005.54	4011.09	4813.83	5776.44	6416.69
	60.0	787.37	918.67	1399.78	2187.87	4375.73	5251.45	6301.57	7000.02
	65.0	852.99	995.23	1516.42	2370.19	4740.38	5689.08	6826.70	7583.36
	70.0	918.75	1071.84	1633.07	2552.48	5105.02	6126.70	7351.82	8166.70
	75.0	984.38	1148.40	1749.75	2734.80	5469.68	6564.30	7876.95	8750.03
	80.0	1050.00	1224.96	1866.40	2917.12	5834.32	7001.92	8402.08	9333.36
	90.0	1181.25	1378.08	2099.70	3281.76	6563.61	7877.16	9452.34	10500.03
	100.0	1312.50	1531.20	2333.00	3646.40	7292.90	8752.40	10502.60	11666.70
	110.0	1443.75	1684.32	2566.30	4011.04	8022.19	9627.64	11552.86	12833.37
	120.0	1575.00	1837.44	2799.60	4375.68	8751.48	10502.88	12603.12	14000.04

備註:

Remarks:

- (1) 鋼板規格、尺寸厚度根據客戶要求提供定尺服務。
- (2) 鋼板牌號等級根據客戶特殊要求定軋。
- (3) 鋼板可提供各類切割服務。

- (1) The specification, thickness and size of steel plate shall be provided with sizing service according to customer requirements.
- (2) The grade of steel plate is determined according to the special requirements of customers.
- (3) Steel plate can be provided various of cutting services.

花紋鋼板 Chequered Floor Plates

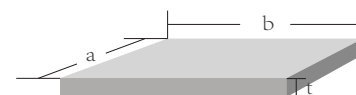
歐盟標準/國際標準 European Standard/International Standard

單位重量 Unit Weight 千克/件 (kg/pcs)		尺寸 Size (Width x Length)	
		(4' x 8')	(5' x 10')
		1219 x 2438mm	1524 x 3048mm
厚度 Thickness (mm)	3.0	75.10	117.38
	4.0	100.52	157.11
	4.3	107.60	168.13
	4.5	112.28	175.50
	5.0	123.93	193.70

單位重量 Unit Weight 千克/件 (kg/pcs)		尺寸 Size (Width x Length)	
		(4' x 8')	(5' x 10')
		1219 x 2438mm	1524 x 3048mm
厚度 Thickness (mm)	6.0	146.22	228.54
	8.0	193.92	303.10
	10.0	241.12	376.87
	12.0	285.10	445.61

冷軋鋼板 Cold Rolled Steel Plates

日本標準 Japanese Standard

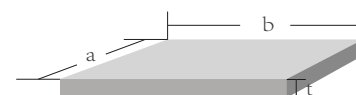


單位重量 Unit Weight		尺寸 Size (a x b)		
		(3' x 6')	(3' x 7')	(4' x 8')
千克/件 (kg/pcs)		914 x 1829mm	914 x 2134mm	1219 x 2438mm
厚度 Thickness t (mm)	0.7	9.19	10.70	16.30
	0.8	10.50	12.20	18.70
	0.9	11.80	13.80	21.00
	1.0	13.10	15.30	23.36
	1.2	15.80	18.40	28.00

單位重量 Unit Weight		尺寸 Size (a x b)		
		(3' x 6')	(3' x 7')	(4' x 8')
千克/件 (kg/pcs)		914 x 1829mm	914 x 2134mm	1219 x 2438mm
厚度 Thickness t (mm)	1.4	18.40	21.40	32.70
	1.5	19.70	23.00	35.00
	1.6	21.00	24.50	37.30
	2.0	26.30	30.60	46.70

鍍鋅鋼板 Galvanized Steel Plates

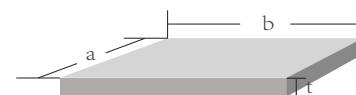
國際標準 International Standard



單位重量 Unit Weight		尺寸 Size (a x b)				鍍鋅量
		(3' x 6')	(3' x 7')	(4' x 8')	(5' x 10')	Zinc Coating
千克/件 (kg/pcs)		914 x 1829mm	914 x 2134mm	1219 x 2438mm	1524 x 3048mm	
厚度 Thickness t (mm)	0.11		2.04			
	0.35	5.00	5.83	8.89	13.90	Z18
	0.40	5.66	6.60	10.10	15.70	Z18
	0.45		7.37	11.23		Z18
	0.50	6.97	8.13	12.40	19.40	Z18
	0.60	8.39	9.78	14.90	23.30	Z22
	0.70		11.31	17.24		Z22
	0.80	11.00	12.80	19.60	30.60	Z22
	0.90			21.90		Z22
	1.00	13.60	16.10	24.20	37.90	Z22
	1.20	16.40	19.10	29.10	45.50	Z27
	1.40	19.00	22.20	33.80	52.80	Z27
	1.50	20.32	23.70	36.13	56.47	Z27
	1.60	21.60	25.20	38.50	60.10	Z27
	2.00	26.90	31.40	47.80	74.70	Z27
	3.00	40.01	46.68	71.12	111.16	Z27
	4.00	53.10	62.00	94.50	148.00	Z27
	4.50	59.70	69.60	106.00	166.00	Z27

耐磨鋼板 Abrasion Resistant Steel Plates

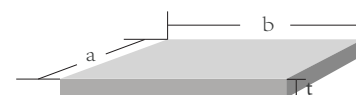
歐盟標準/中國標準 European Standard/Chinese Standard



單位重量 Unit Weight		尺寸 Size (a x b)							
		(3' x 6')	(3' x 7')	(4' x 8')	(5' x 10')	(5' x 20')	(6' x 20')	(6' x 24')	(8' x 20')
千克/件 (kg/pcs)		914 x 1829mm	914 x 2134mm	1219 x 2438mm	1524 x 3048mm	1524 x 6096mm	1829 x 6096mm	1829 x 7315mm	2438 x 6096mm
厚度 Thickness t (mm)	6.0	78.74	91.97	139.98	218.79	437.57	525.15	630.16	700.00
	8.0	105.00	122.50	186.64	291.72	583.43	700.19	840.21	933.34
	9.0	118.13	137.81	209.97	328.18	656.36	787.72	945.24	1050.00
	10.0	131.25	153.12	233.30	364.64	729.29	875.24	1050.26	1166.67
	12.0	157.50	183.74	279.96	437.57	875.15	1050.29	1260.31	1400.00
	14.0	183.72	214.36	326.61	510.50	1021.00	1225.34	1470.37	1633.34
	15.0	196.88	229.68	349.94	546.97	1093.93	1312.66	1575.31	1750.01
	16.0	210.00	244.99	373.27	583.43	1166.86	1400.39	1680.42	1866.67
	19.0	249.38	290.93	443.26	692.82	1385.65	1662.96	1995.50	2216.67
	20.0	262.50	306.24	466.59	729.29	1458.58	1750.48	2100.52	2333.34
	22.0	288.75	336.86	513.25	802.22	1604.44	1925.53	2310.58	2566.68
	25.0	328.13	382.80	583.24	911.61	1823.22	2188.11	2625.66	2916.68
	30.0	393.75	459.36	699.89	1093.92	2187.87	2625.73	3150.78	3500.01

考頓鋼/耐候鋼 Corten Steel Plate/weathering steel

歐盟標準/中國標準 European Standard/Chinese Standard



單位重量 Unit Weight 千克/件 (kg/pcs)		尺寸 Size (a x b)							
		(3' x 6')	(3' x 7')	(4' x 8')	(5' x 10')	(5' x 20')	(6' x 20')	(6' x 24')	(8' x 20')
		914 x 1829mm	914 x 2134mm	1219 x 2438mm	1524 x 3048mm	1524 x 6096mm	1829 x 6096mm	1829 x 7315mm	2438 x 6096mm
厚度 Thickness t (mm)	6.0	78.74	91.97	139.98	218.79	437.57	525.15	630.16	700.00
	8.0	105.00	122.50	186.64	291.72	583.43	700.19	840.21	933.34
	9.0	118.13	137.81	209.97	328.18	656.36	787.72	945.24	1050.00
	10.0	131.25	153.12	233.30	364.64	729.29	875.24	1050.26	1166.67
	12.0	157.50	183.74	279.96	437.57	875.15	1050.29	1260.31	1400.00
	14.0	183.72	214.36	326.61	510.50	1021.00	1225.34	1470.37	1633.34
	15.0	196.88	229.68	349.94	546.97	1093.93	1312.66	1575.31	1750.01
	16.0	210.00	244.99	373.27	583.43	1166.86	1400.39	1680.42	1866.67
	19.0	249.38	290.93	443.26	692.82	1385.65	1662.96	1995.50	2216.67
	20.0	262.50	306.24	466.59	729.29	1458.58	1750.48	2100.52	2333.34
	22.0	288.75	336.86	513.25	802.22	1604.44	1925.53	2310.58	2566.68
	25.0	328.13	382.80	583.24	911.61	1823.22	2188.11	2625.66	2916.68
	30.0	393.75	459.36	699.89	1093.92	2187.87	2625.73	3150.78	3500.01

顏色變化 Color Change

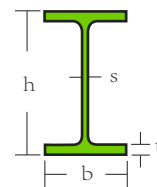


工程案例 Project Cases



工字鋼
Universal Beams

英國標準 British Standard BS 4-1:2005



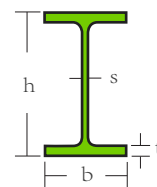
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
1016 x 305 x 487*	486.6	1036.1	308.5	30.0	54.1
1016 x 305 x 438*	436.9	1025.9	305.4	26.9	49.0
1016 x 305 x 393*	392.7	1016.0	303.0	24.4	43.9
1016 x 305 x 349*	349.4	1008.1	302.0	21.1	40.0
1016 x 305 x 314*	314.3	1000.0	300.0	19.1	35.9
1016 x 305 x 272*	272.3	990.1	300.0	16.5	31.0
1016 x 305 x 249*	248.7	980.1	300.0	16.5	26.0
1016 x 305 x 222*	222.0	970.3	300.0	16.0	21.1
914 x 419 x 388	388.0	921.0	420.5	21.4	36.6
914 x 419 x 343	343.3	911.8	418.5	19.4	32.0
914 x 305 x 289	289.1	926.6	307.7	19.5	32.0
914 x 305 x 253	253.4	918.4	305.5	17.3	27.9
914 x 305 x 224	224.2	910.4	304.1	15.9	23.9
914 x 305 x 201	200.9	903.0	303.3	15.1	20.2
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8
762 x 267 x 197	196.8	769.8	268.0	15.6	25.4
762 x 267 x 173	173.0	762.2	266.7	14.3	21.6
762 x 267 x 147	146.9	754.0	265.2	12.8	17.5
762 x 267 x 134	133.9	750.0	264.4	12.0	15.5
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6
610 x 305 x 149	149.1	612.4	304.8	11.8	19.7
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8
533 x 210 x 122	122.0	544.5	211.9	12.7	21.3
533 x 210 x 109	109.0	539.5	210.8	11.6	18.8
533 x 210 x 101	101.0	536.7	210.0	10.8	17.4
533 x 210 x 92	92.1	533.1	209.3	10.1	15.6
533 x 210 x 82	82.2	528.3	208.8	9.6	13.2
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5
356 x 171 x 45	45.0	351.4	171.1	7.0	9.7
356 x 127 x 39	39.1	353.4	126.0	6.6	10.7
356 x 127 x 33	33.1	349.0	125.4	6.0	8.5
305 x 165 x 54	54.0	310.4	166.9	7.9	13.7
305 x 165 x 46	46.1	306.6	165.7	6.7	11.8
305 x 165 x 40	40.3	303.4	165.0	6.0	10.2

*這些尺寸在BS4範圍之外，如有需要請聯繫我們。

*These dimensions are in addition to the range of BS 4 sections, please contact us for availability.

工字鋼 Universal Beams

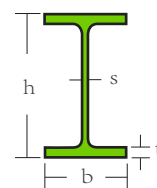
英國標準 British Standard BS 4-1:2005



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
305 x 127 x 48	48.1	311.0	125.3	9.0	14.0
305 x 127 x 42	41.9	307.2	124.3	8.0	12.1
305 x 127 x 37	37.0	304.4	123.4	7.1	10.7
305 x 102 x 33	32.8	312.7	102.4	6.6	10.8
305 x 102 x 28	28.2	308.7	101.8	6.0	8.8
305 x 102 x 25	24.8	305.1	101.6	5.8	7.0
254 x 146 x 43	43.0	259.6	147.3	7.2	12.7
254 x 146 x 37	37.0	256.0	146.4	6.3	10.9
254 x 146 x 31	31.1	251.4	146.1	6.0	8.6
254 x 102 x 28	28.3	260.4	102.2	6.3	10.0
254 x 102 x 25	25.2	257.2	101.9	6.0	8.4
254 x 102 x 22	22.0	254.0	101.6	5.7	6.8
203 x 133 x 30	30.0	206.8	133.9	6.4	9.6
203 x 133 x 25	25.1	203.2	133.2	5.7	7.8
203 x 102 x 23	23.1	203.2	101.8	5.4	9.3
178 x 102 x 19	19.0	177.8	101.2	4.8	7.9
152 x 89 x 16	16.0	152.4	88.7	4.5	7.7
127 x 76 x 13	13.0	127.0	76.0	4.0	7.6

工字鋼 Universal Beams

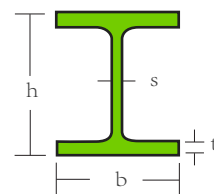
澳紐標準 AS/NZS 3679-1



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
610 UB	125.0	611.6	229	11.9	19.6
	113.0	607.0	228	11.2	17.3
	101.0	602.0	228	10.6	14.8
530 UB	92.4	533.0	209	10.2	15.6
	82.0	528.2	209	9.6	13.2
460 UB	82.1	460.4	191	9.9	16.0
	74.6	457.4	190	9.1	14.5
	67.1	453.8	190	8.5	12.7
410 UB	59.7	460.4	178	7.8	12.8
	53.7	402.6	178	7.6	10.9
360 UB	56.7	358.6	172	8.0	13.0
	50.7	355.6	171	7.3	11.5
	44.7	352.0	171	6.9	9.7
310 UB	46.2	307.2	166	6.7	11.8
	40.4	304.0	165	6.1	10.2
	32.0	298.0	149	5.5	8.0
250 UB	37.3	256.2	146	6.4	10.9
	31.4	251.6	146	6.1	8.6
	25.7	248.0	124	5.0	8.0
200 UB	29.8	207.0	134	6.3	9.6
	25.4	203.2	133	5.8	7.8
	22.3	201.6	133	5.0	7.0
	18.2	198.0	99	4.5	7.0
180 UB	22.2	179.0	90	6.0	10.0
	18.1	175.0	90	5.0	8.0
	16.1	173.0	90	4.5	7.0
150 UB	18.0	155.0	75	6.0	9.5
	14.0	150.0	75	5.0	7.0

工字鋼(等邊) Universal Columns

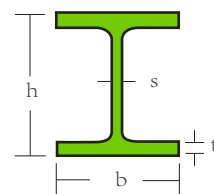
英國標準 British Standard BS 4-1:2005



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2
356 x 368 x 202	201.9	374.6	374.7	16.5	27.0
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3
254 x 254 x 107	107.1	266.7	258.8	12.8	20.5
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0
152 x 152 x 37	37.0	161.8	154.4	8.0	11.5
152 x 152 x 30	30.0	157.6	152.9	6.5	9.4
152 x 152 x 23	23.0	152.4	152.2	5.8	6.8

工字鋼(等邊) Universal Columns

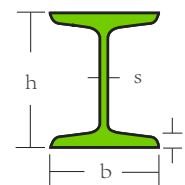
澳紐標準 AS/NZS 3679



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
310 UC	158.0	327.2	311	15.7	25.0
	137.0	320.6	309	13.8	21.7
	118.0	314.6	307	11.9	18.7
	96.8	308.0	305	9.9	15.4
250 UC	89.5	260.0	256	10.5	17.3
	72.9	253.8	254	8.6	14.2
200 UC	59.5	209.8	205	9.3	14.2
	52.2	206.4	204	8.0	12.5
	46.2	203.4	203	7.3	11.0
150 UC	37.2	161.8	154	8.1	11.5
	30.0	157.6	153	6.6	9.4
	23.4	152.4	152	6.1	6.8
100 UC	14.8	97.0	99	5.0	7.0

工字鋼 (中國) Universal Beams (Chinese Standard)

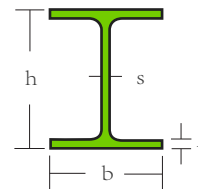
中國鋼廠標準 Standard of Chinese Mill Plant GB/T 11263-2010



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
10	11.3	100	68	4.5	7.6
12.6	14.2	126	74	5.0	8.4
14	16.9	140	80	5.5	9.1
16	20.5	160	88	6.0	9.9
18	24.1	180	94	6.5	10.7
20a	27.9	200	100	7.0	11.4
20b	31.1	200	102	9.0	11.4
22a	33.1	220	110	7.5	12.3
22b	36.5	220	112	9.5	12.3
25a	38.1	250	116	8.0	13.0
25b	42.0	250	118	10.0	13.0
28a	43.5	280	122	8.5	13.7
28b	47.9	280	124	10.5	13.7
32a	52.7	320	130	9.5	15.0
32b	57.7	320	132	11.5	15.0
32c	62.8	320	134	13.5	15.0
36a	60.0	360	136	10.0	15.8
36b	65.7	360	138	12.0	15.8
36c	71.3	360	140	14.0	15.8
40a	67.6	400	142	10.5	16.5
40b	73.9	400	144	12.5	16.5
40c	80.2	400	146	14.5	16.5
45a	80.4	450	150	11.5	18.0
45b	87.5	450	152	13.5	18.0
45c	94.6	450	154	15.5	18.0
50a	93.7	500	158	12.0	20.0
50b	101.5	500	160	14.0	20.0
50c	109.4	500	162	16.0	20.0
56a	106.3	560	166	12.5	21.0
56b	115.1	560	168	14.5	21.0
56c	123.9	560	170	16.5	21.0
63a	121.4	630	176	13.0	22.0
63b	131.3	630	178	15.0	22.0
63c	141.2	630	180	17.0	22.0
12①	14.0	120	74	5.0	8.4
24a①	37.5	240	116	8.0	13.0
24b①	41.2	240	118	10.0	13.0
27a①	42.8	270	122	8.5	13.7
27b①	47.1	270	124	10.5	13.7
30a①	48.1	300	126	9.0	14.4
30b①	52.8	300	128	11.0	14.4
30c①	57.5	300	130	13.0	14.4
55a①	105.3	550	168	12.5	21.0
55b①	114.0	550	168	14.5	21.0
55c①	122.6	550	170	16.5	21.0

工字鋼樁 Universal Bearing Piles

英國標準 British Standard BS 4-1:2005

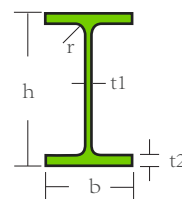


尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
356 x 368 x 174	173.9	361.4	378.5	20.3	20.4
356 x 368 x 152	152.0	356.4	376.0	17.8	17.9
356 x 368 x 133	133.0	352.0	373.8	15.6	15.7
356 x 368 x 109	108.9	346.4	371.0	12.8	12.9
305 x 305 x 223	222.9	337.9	325.7	30.3	30.4
305 x 305 x 186	186.0	328.3	320.9	25.5	25.6
305 x 305 x 180*	180.0	326.7	319.7	24.8	24.8
305 x 305 x 149	149.1	318.5	316.0	20.6	20.7
305 x 305 x 126	126.1	312.3	312.9	17.5	17.6
305 x 305 x 110	110.0	307.9	310.7	15.3	15.4
305 x 305 x 95	94.9	303.7	308.7	13.3	13.3
305 x 305 x 88	88.0	301.7	307.8	12.4	12.3
305 x 305 x 79	78.9	299.3	306.4	11.0	11.1
254 x 254 x 85	85.1	254.3	260.4	14.4	14.3
254 x 254 x 71	71.0	249.7	258.0	12.0	12.0
254 x 254 x 63	63.0	247.1	256.6	10.6	10.7
203 x 203 x 54	53.9	204.0	207.7	11.3	11.4
203 x 203 x 45	44.9	200.2	205.9	9.5	9.5

*305 x 305 x 180不符合BS-1: 2005
*305 x 305 x 180 is not in accordance with BS4 Part 1: 2005

H型鋼(中國) H Sections (Chinese Standard)

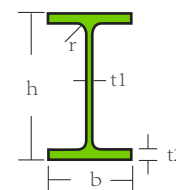
中國鋼廠標準 Standard of Chinese Mill Plant GB/T 11263-2010



類 型 Type	型號 Designation	截面尺寸 Section Size					截面面積 Sectional area	單位重量 Mass	慣性矩 moment of inertia		慣性半徑 Inertia radius		截面模數 Inertia radius	
		mm							cm ²	kg/m	cm ⁴		cm	
		h	b	t1	t2	r	lx	ly			ix	iy	Wx	Wy
HW	100 x 100	100	100	6	8	8	21.58	16.9	378	134	4.18	2.48	75.6	26.7
HW	125 x 125	125	125	6.5	9	8	30	23.6	839	293	5.28	3.12	134	46.9
HW	150 x 150	150	150	7	10	8	39.64	31.1	1620	563	6.39	3.76	216	75.1
HW	175 x 175	175	175	7.5	11	13	51.42	40.4	2900	984	7.5	4.34	331	112
HW	200 x 200	200	200	8	12	13	63.53	49.9	4720	1600	8.61	5.02	472	160
HW	200 x 200	200	204	12	12	13	71.53	56.2	4980	1700	8.34	4.81	498	167
HW	250 x 250	244	252	11	11	13	81.31	63.8	8700	2940	10.3	6.01	713	233
HW	250 x 250	250	250	9	14	13	91.43	71.8	10700	3650	10.8	6.31	860	292
HW	250 x 250	250	255	14	14	13	103.9	81.6	11400	3880	10.5	6.1	912	304
HW	300 x 300	294	302	12	12	13	106.3	83.5	16600	5510	12.5	7.2	1130	365
HW	300 x 300	300	300	10	15	13	118.5	93	20200	6750	13.1	7.55	1350	450
HW	300 x 300	300	305	15	15	13	133.5	105	21300	7100	12.6	7.29	1420	466
HW	350 x 350	338	351	13	13	13	133.3	105	27700	9380	14.4	8.38	1640	534
HW	350 x 350	344	348	10	16	13	144	113	32800	11200	15.1	8.83	1910	646
HW	350 x 350	344	354	16	16	13	164.7	129	34900	11800	14.6	8.48	2030	669
HW	350 x 350	350	350	12	19	13	171.9	135	39800	13600	15.2	8.88	2280	776
HW	350 x 350	350	357	19	19	13	196.4	154	42300	14400	14.7	8.57	2420	808
HW	400 x 400	388	402	15	15	22	178.5	140	49000	16300	16.6	9.54	2520	809
HW	400 x 400	394	398	11	18	22	186.8	147	56100	18900	17.3	10.1	2850	951
HW	400 x 400	394	405	18	18	22	214.4	168	59700	20000	16.7	9.64	3030	985
HW	400 x 400	400	400	13	21	22	218.7	172	66600	22400	17.5	10.1	3330	1120
HW	400 x 400	400	408	21	21	22	250.7	197	70900	23800	16.8	9.74	3540	1170
HW	400 x 400	414	405	18	28	22	295.4	232	92800	31000	17.7	10.2	4480	1530
HW	400 x 400	428	407	20	35	22	360.7	283	119000	39400	18.2	10.4	5570	1930
HW	400 x 400	458	417	30	50	22	528.6	415	187000	60500	18.8	10.7	8170	2900
HW	400 x 400	498	432	45	70	22	770.1	604	298000	94400	19.7	11.1	12000	4370

H型鋼(中國) H Sections (Chinese Standard)

中國鋼廠標準 Standard of Chinese Mill Plant GB/T 11263-2010

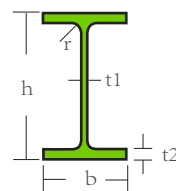


類 型 Type	型號 Designation	截面尺寸 Section Size					截面面積 Sectional area	單位重量 Mass	慣性矩 moment of inertia		慣性半徑 Inertia radius		截面模數 Inertia radius	
		mm							cm ²	kg/m	cm ⁴		cm	
		h	b	t1	t2	r	lx	ly			ix	iy	Wx	Wy
HW	500 x 500	492	465	15	20	22	258	202	117000	33500	21.3	11.4	4770	1440
HW	500 x 500	502	465	15	25	22	304.5	239	146000	41900	21.9	11.7	5810	1800
HW	500 x 500	502	470	20	25	22	329.6	259	151000	43300	21.4	11.5	6020	1840
HM	150 x 100	148	100	6	9	8	26.34	20.7	1000	150	6.16	2.39	135	30.1
HM	200 x 150	194	150	6	9	8	38.1	29.9	2630	507	8.3	3.64	271	67.6
HM	250 x 175	244	175	7	11	13	55.49	43.6	6040	984	10.4	4.21	495	112
HM	300 x 200	294	200	8	12	13	71.05	55.8	11100	1600	12.5	4.74	756	160
HM	300 x 200	298	201	9	14	13	82.03	64.4	13100	1900	12.6	4.8	878	189
HM	350 x 250	340	250	9	14	13	99.53	78.1	21200	3650	14.6	6.05	1250	292
HM	400 x 300	390	300	10	16	13	133.3	105	37900	7200	16.9	7.35	1940	480
HM	450 x 300	440	300	11	18	13	153.9	121	54700	8100	18.9	7.25	2490	540
HM	500 x 300	482	300	11	15	13	141.2	111	58300	6760	20.3	6.91	2420	450
HM	500 x 300	488	300	11	18	13	159.2	125	68900	8110	20.8	7.13	2820	540
HM	550 x 300	544	300	11	15	13	148	116	76400	6760	22.7	6.75	2810	450
HM	550 x 300	550	300	11	18	13	166	130	89800	8110	23.3	6.98	3270	540
HM	600 x 300	582	300	12	17	13	169.2	133	98900	7660	24.2	6.72	3400	511
HM	600 x 300	588	300	12	20	13	187.2	147	114000	9010	24.7	6.93	3890	601
HM	600 x 300	594	302	14	23	13	217.1	170	134000	10600	24.8	6.97	4500	700
HN	100 x 50	100	50	5	7	8	11.84	9.3	187	14.8	3.97	1.11	37.5	5.91
HN	125 x 60	125	60	6	8	8	16.68	13.1	409	29.1	4.95	1.32	65.4	9.71
HN	150 x 75	150	75	5	7	8	17.84	14	666	49.5	6.1	1.66	88.8	13.2
HN	175 x 90	175	90	5	8	8	22.89	18	1210	97.5	7.25	2.06	138	21.7
HN	200 x 100	198	99	4.5	7	8	22.68	17.8	1540	113	8.24	2.23	156	22.9
HN	200 x 100	200	100	5.5	8	8	26.66	20.9	1810	134	8.22	2.23	181	26.7
HN	250 x 125	248	124	5	8	8	31.98	25.1	3450	255	10.4	2.82	278	41.1
HN	250 x 125	250	125	6	9	8	36.96	29	3960	294	10.4	2.81	317	47
HN	300 x 150	298	149	5.5	8	13	40.8	32	6320	442	12.4	3.29	424	59.3
HN	300 x 150	300	150	6.5	9	13	46.78	36.7	7210	508	12.4	3.29	481	67.7
HN	350 x 175	346	174	6	9	13	52.45	41.2	11000	791	14.5	3.88	638	91
HN	350 x 175	350	175	7	11	13	62.91	49.4	13500	984	14.6	3.95	771	112
HN	400 x 150	400	150	8	19	13	70.37	55.2	18600	734	16.3	3.22	929	97.8
HN	400 x 200	396	199	7	11	13	71.41	56.1	19800	1450	16.6	4.5	999	145
HN	400 x 200	400	200	8	10	13	83.37	65.4	23500	1740	16.8	4.56	1170	174
HN	450 x 150	446	150	7	13	13	66.99	52.6	22000	677	18.1	3.17	985	90.3
HN	450 x 150	450	151	8	12	13	77.49	60.8	25700	806	18.2	3.22	1140	107
HN	450 x 200	446	199	8	14	13	82.97	65.1	28100	1580	18.4	4.36	1260	159
HN	450 x 200	450	200	9	14	13	95.43	74.9	32900	1870	18.6	4.42	1460	187
HN	475 x 150	470	150	7	13	13	71.53	56.2	26200	733	19.1	3.2	1110	97.8
HN	475 x 150	475	151.5	8.5	15.5	13	86.15	67.6	31700	901	19.2	3.23	1330	119
HN	475 x 150	482	153.5	10.5	19	13	106.4	83.4	39600	1150	19.3	3.28	1640	150
HN	500 x 150	492	150	7	12	13	70.21	55.1	27500	677	19.8	3.1	1120	90.3
HN	500 x 150	500	152	9	16	13	92.21	72.4	37000	940	20	3.19	1480	124
HN	500 x 150	504	159	10	18	13	103.3	81.1	41900	1080	20.1	3.23	1660	141
HN	500 x 200	496	199	9	14	13	99.29	77.9	40800	1840	20.3	4.3	1650	185
HN	500 x 200	500	200	10	16	13	112.3	88.1	46800	2140	20.4	4.36	1870	214
HN	500 x 200	506	201	11	19	13	129.3	102	55500	2580	20.7	4.46	2190	257
HN	550 x 200	546	199	9	14	13	103.8	81.5	50800	1840	22.1	4.21	1860	185
HN	550 x 200	550	200	10	16	13	117.3	92	58200	2140	22.3	4.27	2120	214
HN	600 x 200	596	199	10	15	13	117.8	92.4	66600	1980	23.8	4.09	2240	199
HN	600 x 200	600	200	11	17	13	131.7	103	75600	2270	24	4.15	2520	227
HN	600 x 200	606	201	12	20	13	149.8	118	88300	2720	24.3	4.25	2910	270
HN	625 x 200	625	198.5	11.5	17.5	13	138.8	109	85000	2290	24.8	4.06	2720	231
HN	625 x 200	630	200	13	20	13	158.2	124	97900	2680	24.9	4.11	3110	268
HN	625 x 200	638	202	15	24	13	186.9	147	118000	3320	25.2	4.21	3710	328
HN	650 x 300	646	299	10	15	13	152.8	120	110000	6690	26.9	6.61	3410	447
HN	650 x 300	650	300	11	17	13	171.2	134	125000	7660	27	6.68	3850	511
HN	650 x 300	656	301	12	20	13	195.8	154	147000	9100	27.4	6.81	4470	605
HN	700 x 300	692	300	13	20	18	207.5	163	168000	9020	28.5	6.59	4870	601
HN	700 x 300	700	300	13	24	18	231.5	182	197000	10800	29.2	6.83	5640	721

H型鋼(中國)

H Sections (Chinese Standard)

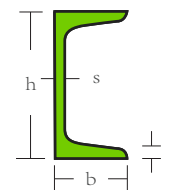
中國鋼廠標準 Standard of Chinese Mill Plant GB/T 11263-2010



類 型 Type	型號 Designation	截面尺寸 Section Size					截面面積 Sectional area	單位重量 Mass	慣性矩 moment of inertia		慣性半徑 Inertia radius		截面模數 Inertia radius	
		mm					cm ²	kg/m	cm ⁴		cm		cm ³	
		h	b	t1	t2	r			lx	ly	ix	iy	Wx	Wy
HN	750 x 300	734	299	12	16	18	182.7	143	161000	7140	29.7	6.25	4390	478
HN	750 x 300	742	300	13	20	18	214	168	197000	9020	30.4	6.49	5320	601
HN	750 x 300	750	300	13	24	18	238	187	231000	10800	31.1	6.74	6150	721
HN	750 x 300	758	303	16	28	18	284.8	224	276000	13000	31.1	6.75	7270	859
HN	800 x 300	792	300	14	22	18	239.5	188	248000	9920	32.2	6.43	6270	661
HN	800 x 300	800	300	14	26	18	263.5	207	286000	11700	33	6.66	7160	781
HN	850 x 300	834	298	14	19	18	227.5	179	251000	8400	33.2	6.07	6020	564
HN	850 x 300	842	299	15	23	18	259.7	204	298000	10300	33.9	6.28	7080	687
HN	850 x 300	850	300	16	27	18	292.1	229	346000	12200	34.4	6.45	8140	812
HN	850 x 300	858	301	17	31	18	324.7	255	395000	14100	34.9	6.59	9210	939
HN	900 x 300	890	299	15	23	18	266.9	210	339000	10300	35.6	6.2	7610	687
HN	900 x 300	900	300	16	28	18	305.8	240	404000	12600	36.4	6.42	8990	842
HN	900 x 300	912	302	18	34	18	360.1	283	491000	15700	36.9	6.59	10800	1040
HN	1000 x 300	970	297	16	21	18	276	217	393000	9210	37.8	5.77	8110	620
HN	1000 x 300	980	298	17	26	18	315.5	248	472000	11500	38.7	6.04	9630	772
HN	1000 x 300	990	298	17	31	18	345.3	271	544000	13700	39.7	6.3	11000	921
HN	1000 x 300	1000	300	19	36	18	395.1	310	634000	16300	40.1	6.41	12700	1080
HN	1000 x 300	1008	302	21	40	18	439.3	345	712000	18400	40.3	6.47	14100	1220
HT	100 x 50	95	48	3.2	4.5	8	7.62	5.98	115	8.39	3.88	1.04	24.2	3.49
HT	100 x 50	97	49	4	5.5	8	9.37	7.36	143	10.9	3.91	1.07	29.6	4.45
HT	100 x 100	96	99	4.5	6	8	16.2	12.7	272	97.2	4.09	2.44	56.7	19.6
HT	125 x 60	118	58	3.2	4.5	8	9.25	7.26	218	14.7	4.85	1.26	37	5.08
HT	125 x 60	120	59	4	5.5	8	11.39	8.94	271	19	4.87	1.29	45.2	6.43
HT	125 x 125	119	123	4.5	6	8	20.10	15.8	532	186	5.14	3.04	89.5	30.3
HT	150 x 75	145	73	3.2	4.5	8	11.47	9	416	29.3	6.01	1.59	57.3	8.02
HT	150 x 75	147	74	4	5.5	8	14.12	11.1	516	37.3	6.04	1.62	70.2	10.1
HT	150 x 100	139	97	3.2	4.5	8	13.43	10.6	476	68.6	5.94	2.25	68.4	14.1
HT	150 x 100	142	99	4.5	6	8	18.27	14.3	654	97.2	5.98	2.3	92.1	19.6
HT	150 x 150	144	148	5	7	8	27.76	21.8	1090	378	6.25	3.69	151	51.1
HT	150 x 150	147	149	6	8.5	8	33.67	26.4	1350	469	6.32	3.73	183	63
HT	175 x 90	168	88	3.2	4.5	8	13.55	10.6	670	51.2	7.02	1.94	79.7	11.6
HT	175 x 90	171	89	4	6	8	17.58	13.8	894	70.7	7.13	2	105	15.9
HT	175 x 175	167	173	5	7	13	33.32	26.2	1780	605	7.3	4.26	213	69.9
HT	175 x 175	172	175	6.5	9.5	13	44.64	35	2470	850	7.43	4.36	287	187
HT	200 x 100	193	98	3.2	4.5	8	15.25	12	994	70.7	8.07	2.15	103	97.1
HT	200 x 100	196	99	4	6	8	19.78	15.5	1320	97.2	8.18	2.21	135	14.4
HT	200 x 150	188	149	4.5	6	8	26.34	20.7	1730	331	8.09	3.54	184	44.4
HT	200 x 200	192	198	6	8	13	43.69	34.3	3060	1040	8.37	4.86	319	105
HT	250 x 125	244	124	4.5	6	8	25.86	20.3	2650	191	10.1	2.71	217	30.8
HT	250 x 175	238	173	4.5	8	13	39.12	30.7	4240	691	10.4	4.2	356	79.9
HT	300 x 150	294	148	4.5	6	13	31.9	25	4800	325	12.3	3.19	327	43.3
HT	300 x 200	286	198	6	8	13	49.33	38.7	7360	1040	12.2	4.58	515	105
HT	350 x 175	340	173	4.5	6	13	36.97	29	7490	518	14.2	3.74	441	59.9
HT	400 x 150	390	148	6	8	13	47.57	37.3	11700	434	15.7	3.01	602	58.6
HT	400 x 200	390	198	6	8	13	55.57	43.6	14700	1040	16.2	4.31	752	105
HP	200 x 200	200	200	8	12	13	63.53	49.9	4720	1600	8.61	5.02	472	160
HP	250 x 250	250	250	9	14	13	91.43	71.8	10700	3650	10.8	6.31	860	292
HP	300 x 300	300	300	10	15	13	118.5	93	20200	6750	13.1	7.55	1350	450
HP	350 x 350	344	348	10	16	13	144	113	32800	11200	15.1	8.83	1910	646
HP	350 x 350	350	350	12	19	13	171.9	135	39800	13600	15.2	8.88	2280	776
HP	400 x 400	400	400	13	21	22	218.7	172	66600	22400	17.5	10.1	3330	1120
HP	400 x 400	400*	408	21	21	22	250.7	197	70900	23800	16.8	9.74	3540	1170
HP	400 x 400	414*	405	18	28	22	295.4	232	92800	31000	17.7	10.2	4480	1530
HP	400 x 400	428*	407	20	35	22	360.7	283	11900	39400	18.2	10.4	5570	1930
HP	400 x 400	458*	417	30	50	22	528.6	415	18700	60500	18.8	10.7	8170	2900
HP	400 x 400	498*	432	45	70	22	770.1	604	29800	94400	19.7	11.1	12000	4370

槽鋼(斜腳) Channels (Tapered Flange)

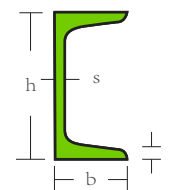
英國標準 British Standard BS 4-1:1993



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
432 x 102 x 65	65.5	431.8	101.6	12.2	16.8
381 x 102 x 55	55.0	381.0	101.6	10.4	16.3
305 x 102 x 46	46.2	304.8	101.6	10.2	14.8
305 x 89 x 42	41.8	304.8	88.9	10.2	13.7
254 x 89 x 36	35.7	254.0	88.9	9.1	13.6
254 x 76 x 28	28.2	254.0	76.2	8.1	10.9
229 x 89 x 33	32.7	228.6	88.9	8.6	13.3
229 x 76 x 26	26.1	228.6	76.2	7.6	11.2
203 x 89 x 30	29.8	203.2	88.9	8.1	12.9
203 x 76 x 24	23.9	203.2	76.2	7.1	11.2
178 x 89 x 27	26.8	177.8	88.9	7.6	12.3
178 x 76 x 21	20.8	177.8	76.2	6.6	10.3
152 x 89 x 24	23.9	152.4	88.9	7.1	11.6
152 x 76 x 18	17.9	152.4	76.2	6.4	9.0
127 x 64 x 15	14.9	127.0	63.5	6.4	9.2
102 x 51 x 10	10.4	101.6	50.8	6.1	7.6
76 x 38 x 7	6.7	76.2	38.1	5.1	6.8

槽鋼(斜腳)(中國) Channels (Tapered Flange)(Chinese Standard)

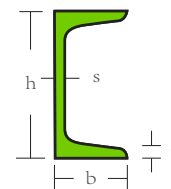
中國鋼廠標準 Standard of Chinese Mill Plant GB/T 707-1988



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
400 x 104 x 14.5	71.2	400.0	104.0	14.5	18.0
400 x 102 x 12.5	65.2	400.0	102.0	12.5	18.0
400 x 100 x 10.5	58.9	400.0	100.0	10.5	18.0
360 x 100 x 13	59.1	360.0	100.0	13.0	16.0
360 x 98 x 11	53.5	360.0	98.0	11.0	16.0
360 x 96 x 9	47.8	360.0	96.0	9.0	16.0
320 x 92 x 12	48.1	320.0	92.0	12.0	14.0
320 x 90 x 10	43.1	320.0	90.0	10.0	14.0
320 x 88 x 8	38.1	320.0	88.0	8.0	14.0
280 x 86 x 11.5	40.2	280.0	86.0	11.5	12.5
280 x 84 x 9.5	35.8	280.0	84.0	9.5	12.5
280 x 82 x 7.5	31.4	280.0	82.0	7.5	12.5
250 x 82 x 11	35.3	250.0	82.0	11.0	12.0
250 x 80 x 9	31.3	250.0	80.0	9.0	12.0
250 x 78 x 7	27.4	250.0	78.0	7.0	12.0
220 x 79 x 9	28.5	220.0	79.0	9.0	11.5
220 x 77 x 7	25.0	220.0	77.0	7.0	11.5
203 x 76 x 7.1	23.9	203.0	76.0	7.1	11.2
200 x 75 x 9.0	25.8	200.0	75.0	9.0	11.0
200 x 73 x 7.0	22.6	200.0	73.0	7.0	11.0
180 x 70 x 9.0	23.0	180.0	70.0	9.0	10.5
180 x 68 x 7.0	20.2	180.0	68.0	7.0	10.5
160 x 65 x 8.5	19.8	160.0	65.0	8.5	10.0
160 x 63 x 6.5	17.2	160.0	63.0	6.5	10.0
140 x 60 x 8.0	16.7	140.0	60.0	8.0	9.5
140 x 58 x 6.0	14.5	140.0	58.0	6.0	9.5

槽鋼(斜腳)(中國) Channels (Tapered Flange)(Chinese Standard)

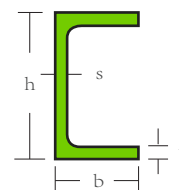
中國鋼廠標準 Standard of Chinese Mill Plant GB/T 707-1988



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
126 x 53 x 5.5	12.3	126.0	53.0	5.5	9.0
125 x 65 x 5.2	11.7	125.0	65.0	5.2	6.8
102 x 51 x 6.1	10.4	102.0	51.0	6.1	7.6
100 x 50 x 3.8	7.3	100.0	50.0	3.8	5.8
100 x 48 x 5.3	10.0	100.0	48.0	5.3	8.5
80 x 43 x 5.0	8.0	80.0	43.0	5.0	8.0
75 x 40 x 3.8	5.3	75.0	40.0	3.8	5.2
63 x 40 x 4.8	6.6	63.0	40.0	4.8	7.5
63 x 37 x 5.0	6.6	63.0	37.0	5.0	7.0
50 x 37 x 4.5	5.4	50.0	37.0	4.5	7.0
50 x 25 x 4.0	3.0	50.0	25.0	4.0	5.0
50 x 25 x 3.0	2.6	50.0	25.0	3.0	5.0

槽鋼(方腳) Channels (Parallel Flange)

英國標準 British Standard BS 4-1:2005



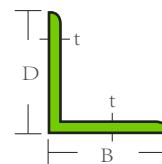
尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
430 x 100 x 64	64.4	430	100	11.0	19.0
380 x 100 x 54	54.0	380	100	9.5	17.5
300 x 100 x 46	45.5	300	100	9.0	16.5
300 x 90 x 41	41.4	300	90	9.0	15.5
260 x 90 x 35	34.8	260	90	8.0	14.0
260 x 75 x 28	27.6	260	75	7.0	12.0
230 x 90 x 32	32.2	230	90	7.5	14.0
230 x 75 x 26	25.7	230	75	6.5	12.5
200 x 90 x 30	29.7	200	90	7.0	14.0
200 x 75 x 23	23.4	200	75	6.0	12.5
180 x 90 x 26	26.1	180	90	6.5	12.5
180 x 75 x 20	20.3	180	75	6.0	10.5
150 x 90 x 24	23.9	150	90	6.5	12.0
150 x 75 x 18	17.9	150	75	5.5	10.0
125 x 65 x 15	14.8	125	65	5.5	9.5
100 x 50 x 10	10.2	100	50	5.0	8.5

澳紐標準 AS/NZS 3679

尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
380 PFC	55.2	380	100	10.0	17.5
300 PFC	40.1	300	90	8.0	16.0
250 PFC	35.5	250	90	8.0	15.0
230 PFC	25.1	230	75	6.5	12.0
200 PFC	22.9	200	75	6.0	12.0
180 PFC	20.9	180	75	6.0	11.0
150 PFC	17.7	150	75	6.0	9.5
125 PFC	11.9	125	65	4.7	7.5
100 PFC	8.31	100	50	4.2	6.7
75 PFC	5.90	75	40	3.8	6.1

角鋼(等邊) Equal Angles

歐盟標準 European Standard

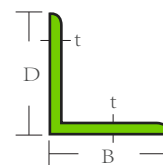


尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
20 x 20	2.5	0.748
	3.0	0.882
25 x 25	2.5	0.946
	2.7	1.03
	3.0	1.12
	4.0	1.45
	5.0	1.78
30 x 30	2.5	1.14
	2.7	1.25
	3.0	1.36
	3.7	1.62
	4.0	1.78
38 x 38	5.0	2.16
	2.5	1.46
	2.7	1.60
	3.0	1.74
	3.7	2.08
40 x 40	4.0	2.26
	4.6	2.57
	5.0	2.79
	2.7	1.68
	3.0	1.83
45 x 45	4.0	2.42
	5.0	2.97
	6.0	3.49
50 x 50	3.0	2.11
	4.0	2.74
	5.0	3.38
60 x 60	3.0	2.33
	3.7	2.82
	4.0	3.06
	4.6	3.47
	5.0	3.77
	5.5	4.08
	6.0	4.47
65 x 65	8.0	5.78
	4.0	3.68
	5.0	4.57
	6.0	5.42
	8.0	7.09
70 x 70	10.0	8.69
	5.0	5.00
	5.5	5.43
	6.0	5.91
	8.0	7.66
75 x 75	9.0	8.62
	5.0	5.37
	6.0	6.38
	7.0	7.38
80 x 80	8.0	8.32
	10.0	10.3
	6.0	7.32
	8.0	9.63
90 x 90	10.0	11.9
	6.0	8.28
	7.0	9.61
	8.0	10.9
	9.0	12.2
100 x 100	10.0	13.4
	12.0	15.9
	13.0	17.0
	6.0	9.22
	7.0	10.7
120 x 120	8.0	12.2
	10.0	15.0
	12.0	17.8
	13.0	19.1
125 x 125	15.0	21.9
	8.0	14.7
	10.0	18.2
130 x 130	12.0	21.6
	10.0	18.0
	12.0	22.5
150 x 150	9.0	17.9
	10.0	19.7
	12.0	23.6
	15.0	28.8
	10.0	23.0
200 x 200	12.0	27.3
	14.0	31.4
	15.0	33.8
	18.0	40.1
	19.0	41.9
	20.0	44.2
250 x 250	13.0	40.0
	16.0	48.5
	18.0	54.3
	20.0	59.9
	24.0	71.1
	25.0	93.7

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
75 x 75	5.0	5.76
	5.5	6.30
	6.0	6.85
	8.0	8.99
	8.2	9.17
	9.0	9.96
	10.0	11.0
80 x 80	12.0	13.0
	6.0	7.32
	8.0	9.63
90 x 90	10.0	11.9
	6.0	8.28
	7.0	9.61
	8.0	10.9
	9.0	12.2
	10.0	13.4
100 x 100	12.0	15.9
	13.0	17.0
	6.0	9.22
	7.0	10.7
	8.0	12.2
	10.0	15.0
120 x 120	12.0	17.8
	13.0	19.1
	15.0	21.9
	8.0	14.7
125 x 125	10.0	18.2
	12.0	21.6
	10.0	18.0
130 x 130	12.0	22.5
	9.0	17.9
	10.0	19.7
	12.0	23.6
150 x 150	15.0	28.8
	10.0	23.0
	12.0	27.3
	14.0	31.4
	15.0	33.8
	18.0	40.1
200 x 200	19.0	41.9
	20.0	44.2
	13.0	40.0
	16.0	48.5
	18.0	54.3
250 x 250	20.0	59.9
	24.0	71.1
	25.0	93.7

角鋼(等邊)(中國)
Equal Angles (Chinese)

中國標準 Chinese Standard

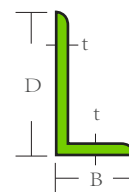


尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
20 x 20	3.0	0.889
	4.0	1.145
25 x 25	3.0	1.124
	4.0	1.459
30 x 30	3.0	1.373
	4.0	1.786
36 x 36	3.0	1.656
	4.0	2.163
	5.0	2.654
40 x 40	3.0	1.852
	4.0	2.422
	5.0	2.976
45 x 45	3.0	2.088
	4.0	2.736
	5.0	3.369
	6.0	3.985
50 x 50	3.0	2.332
	4.0	3.059
	5.0	3.770
	6.0	4.465
56 x 56	3.0	2.624
	4.0	3.446
	5.0	4.251
	8.0	6.568
63 x 63	4.0	3.907
	5.0	4.822
	6.0	5.721
	8.0	7.469
	10.0	9.151
70 x 70	4.0	4.372
	5.0	5.397
	6.0	6.406
	7.0	7.398
	8.0	8.373
75 x 75	5.0	5.818
	6.0	6.905
	7.0	7.976
	8.0	9.030
	10.0	11.089
80 x 80	5.0	6.211
	6.0	7.376
	7.0	8.525
	8.0	9.658
	10.0	11.874

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
90 x 90	6.0	8.350
	7.0	9.656
	8.0	10.946
	10.0	13.476
100 x 100	12.0	15.940
	6.0	9.366
	7.0	10.830
	8.0	12.276
	10.0	15.120
110 x 110	12.0	17.898
	14.0	20.611
	16.0	23.257
	7.0	11.928
125 x 125	8.0	13.532
	10.0	16.690
	12.0	19.782
	14.0	22.809
140 x 140	8.0	15.504
	10.0	19.133
	12.0	22.696
	14.0	26.193
160 x 160	10.0	21.488
	12.0	25.522
	14.0	29.490
	16.0	33.393
180 x 180	10.0	24.729
	12.0	29.391
	14.0	33.987
	16.0	38.518
200 x 200	12.0	33.159
	14.0	38.383
	16.0	43.542
	18.0	48.634
200 x 200	14.0	42.894
	16.0	48.680
	18.0	54.401
	20.0	60.056
	24.0	71.168

角鋼(不等邊) Unequal Angles

歐盟標準 European Standard

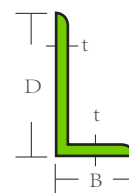


尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
40 x 25	4.0	1.93
50 x 30	5.0	2.96
	6.0	3.51
50 x 40	5.0	3.36
60 x 40	5.0	3.76
65 x 40	5.0	3.69
65 x 50	5.0	4.35
	6.0	5.16
75 x 50	5.0	4.75
	6.0	5.65
	8.0	7.39
90 x 65	6.0	6.85
	8.0	9.35
100 x 50	6.0	6.84
	8.0	8.97
100 x 65	7.0	8.77
	8.0	9.94
	9.0	11.1

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
100 x 75	6.0	8.04
	8.0	10.6
	10.0	13.0
125 x 75	6.0	9.24
	8.0	12.2
	10.0	15.0
	12.0	17.8
150 x 75	10.0	17.0
	12.0	20.2
150 x 90	9.0	16.5
	10.0	18.2
	12.0	21.6
150 x 100	10.0	19.0
	12.0	22.5
200 x 100	10.0	23.0
	12.0	27.3
	15.0	33.8
200 x 150	15.0	39.6

角鋼(不等邊)(中國) Unequal Angles (Chinese)

中國標準 Chinese Standard

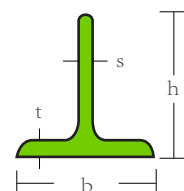


尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
25 x 16	3.0	0.91
	4.0	1.18
32 x 20	3.0	1.17
	4.0	1.52
40 x 25	3.0	1.48
	4.0	1.94
45 x 28	3.0	1.69
	4.0	2.20
50 x 32	3.0	1.91
	4.0	2.49
56 x 36	3.0	2.15
	4.0	2.82
	5.0	3.47
63 x 40	4.0	3.19
	5.0	3.92
	6.0	4.64
	7.0	5.34
70 x 45	4.0	3.57
	5.0	4.40
	6.0	5.22
	7.0	6.01
75 x 50	5.0	4.81
	6.0	5.70
	8.0	7.43
	10.0	9.10
80 x 50	5.0	5.00
	6.0	5.93
	7.0	6.85
	8.0	7.75
90 x 56	5.0	5.66
	6.0	6.72
	7.0	7.76
	8.0	8.78

尺寸 Size	厚度 Thickness	單位重量 Mass per Unit Length
D x B (mm)	t (mm)	kg/m
100 x 63	6.0	7.55
	7.0	8.72
	8.0	9.88
	10.0	12.14
100 x 80	6.0	8.35
	7.0	9.66
	8.0	10.95
	10.0	13.48
110 x 70	6.0	8.35
	7.0	9.66
	8.0	10.95
	10.0	13.48
125 x 80	7.0	11.07
	8.0	12.55
	10.0	15.47
	12.0	18.33
140 x 90	8.0	14.16
	10.0	17.48
	12.0	20.72
	14.0	23.91
160 x 100	10.0	19.87
	12.0	23.59
	14.0	27.25
	16.0	30.84
180 x 110	10.0	22.27
	12.0	26.46
	14.0	30.59
	16.0	34.65
200 x 125	12.0	29.76
	14.0	34.44
	16.0	39.04
	18.0	43.59

丁字鋼
Tee Bars

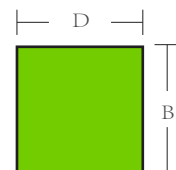
國際標準 International Standard



尺寸 Designation	單位重量 Mass per Unit Length	高度 Depth of Section	寬度 Width of Section	腰厚 Web Thickness	腿厚 Flange Thickness
	kg/m	h(mm)	b(mm)	s(mm)	t(mm)
25 x 3	1.13	25.0	25.0	3.0	3.0
30 x 4	1.77	30.0	30.0	4.0	4.0
40 x 5	2.96	40.0	40.0	5.0	5.0
50 x 6	4.44	50.0	50.0	6.0	6.0
60 x 7	6.23	60.0	60.0	7.0	7.0
70 x 8	8.32	70.0	70.0	8.0	8.0
80 x 9	10.7	80.0	80.0	9.0	9.0

方鋼
Square Bars

歐盟標準/中國標準 European Standard/Chinese Standard



尺寸 Size	單位重量 Mass per Unit Length
D x B (mm)	kg/m
8	0.502
10	0.785
12	1.13
16	2.01
19	2.83
20	3.14
22	3.80
25	4.91

尺寸 Size	單位重量 Mass per Unit Length
D x B (mm)	kg/m
32	8.04
38	11.3
40	12.6
50	19.6
65	33.16
75	44.17
90	63.59
100	78.5

扁鋼
Flat Bars

歐盟標準/中國標準 European Standard/Chinese Standard



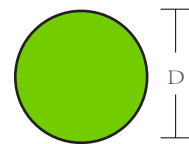
單位重量 Unit Weight 千克/米 (kg/m)		厚 度 Thickness t (mm)													
		3	4	4.5	5	6	8	9	10	12	15	16	19	20	25
寬 度 Width B (mm)	12	0.28	0.38	0.42	0.47	0.57	0.75	0.85	0.94						
	16	0.38	0.50	0.57	0.63	0.75	1.00	1.13	1.26	1.51					
	19	0.45	0.60	0.67	0.75	0.89	1.19	1.34	1.49	1.79	2.24				
	20	0.47	0.63	0.71	0.79	0.94	1.26	1.41	1.57	1.88	2.36	2.51			
	25	0.59	0.79	0.88	0.98	1.18	1.57	1.77	1.96	2.36	2.94	3.14	3.73		
	30	0.71	0.94	1.06	1.18	1.41	1.88	2.12	2.36	2.83	3.53	3.77	4.47	4.71	
	32	0.75	1.00	1.13	1.26	1.51	2.01	2.26	2.51	3.01	3.77	4.02	4.77	5.02	6.28
	38	0.89	1.19	1.34	1.49	1.79	2.39	2.68	2.98	3.58	4.47	4.77	5.67	5.97	7.46
	40	0.94	1.26	1.41	1.57	1.88	2.51	2.83	3.14	3.77	4.71	5.02	5.97	6.28	7.85
	44	1.04	1.38	1.55	1.73	2.07	2.76	3.11	3.45	4.14	5.18	5.53	6.56	6.91	8.64
	50	1.18	1.57	1.77	1.96	2.36	3.14	3.53	3.93	4.71	5.89	6.28	7.46	7.85	9.81
	60	1.41	1.88	2.12	2.36	2.83	3.77	4.24	4.71	5.65	7.07	7.54	8.95	9.42	11.8
	65	1.53	2.04	2.30	2.55	3.06	4.08	4.59	5.10	6.12	7.65	8.16	9.69	10.2	12.8
	75	1.77	2.36	2.65	2.94	3.53	4.71	5.30	5.89	7.07	8.83	9.42	11.2	11.8	14.7
	90	2.12	2.83	3.18	3.53	4.24	5.65	6.36	7.07	8.48	10.6	11.3	13.4	14.1	17.7
	100	2.36	3.14	3.53	3.93	4.71	6.28	7.07	7.85	9.42	11.8	12.6	14.9	15.7	19.6
	125		3.93	4.42	4.91	5.89	7.85	8.83	9.81	11.8	14.7	15.7	18.6	19.6	24.5
	130			4.59	5.10	6.12	8.16	9.18	10.2	12.2	15.3	16.3	19.4	20.4	25.5
150				5.89	7.07	9.42	10.6	11.8	14.1	17.7	18.8	22.4	23.6	29.4	
200					9.42	12.6	14.1	15.7	18.8	23.6	25.1	29.8	31.4	39.3	

高拉力螺紋鋼 Deformed Bars

英國標準 British Standard BS 4449:1988 / CS2:2012

直徑 Diameter	單位重量 Mass per Unit Length
D (mm)	kg/m
10	0.617
12	0.888
16	1.579
20	2.466

直徑 Diameter	單位重量 Mass per Unit Length
D (mm)	kg/m
25	3.854
32	6.313
40	9.864
50	15.410



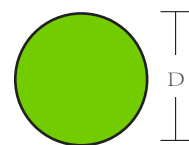
圓鋼 Round Bars

歐盟標準/中國標準 European Standard/Chinese Standard

直徑 Diameter	單位重量 Mass per Unit Length
D (mm)	kg/m
6	0.222
8	0.395
9	0.499
10	0.617
12	0.888
16	1.58
19	2.23
20	2.47
22	2.98
25	3.85

直徑 Diameter	單位重量 Mass per Unit Length
D (mm)	kg/m
28	4.83
30	5.55
32	6.31
35	7.55
38	8.90
40	9.86
44	11.9
45	12.5
50	15.4

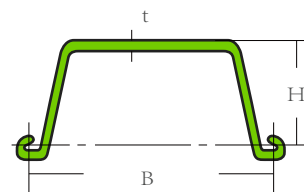
直徑 Diameter	單位重量 Mass per Unit Length
D (mm)	kg/m
55	18.7
60	22.2
65	26.0
70	30.2
75	34.7
80	39.5
90	49.9
95	55.6
100	61.7



鋼板樁 Sheet Piles

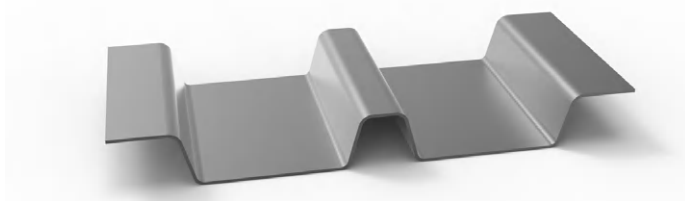
日本標準 Japanese Standard JIS A-5528 歐盟標準 EN10248-1996

型號	規格 Dimensions			單位重量 Unit Weight		切面面積 Sectional Area	
Designation	寬度 Width	高度 Height	腰度 Thickness	Per Pile	Per Wall Width	Per Pile	Per Wall Width
	B (mm)	H (mm)	t (mm)	W (kg/m)	W (kg/m ²)	A(cm ²)	A(cm ² /m)
Type2	400	100	10.5	48.0	120	61.2	153.0
Type3	400	125	13.0	60.0	150	76.4	191.0
Type4	400	170	15.5	76.1	190	97.0	242.5
Type6	600	210	18.0	106.2	177	135	225.5

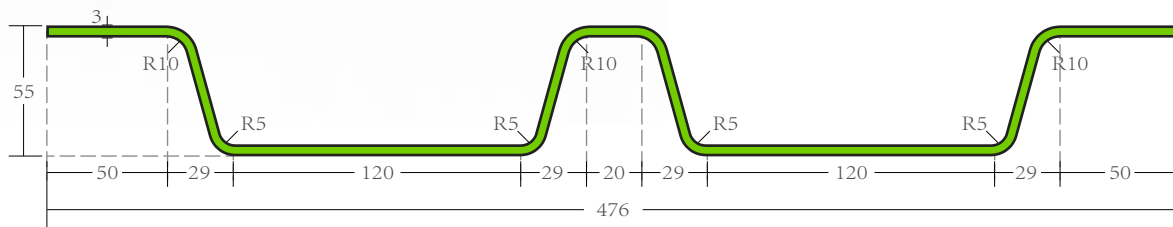


型號	慣性矩 Monment of Inertia		切面模數 Modulus of Section	
Designation	Per Pile	Per Wall Width	Per Pile	Per Wall Width
	Ix (cm ⁴)	Ix (cm ⁴ /m)	Zx (cm ³)	Zx (cm ³ /m)
Type2	1240	8740	152	874
Type3	2220	16800	223	1340
Type4	4670	38600	362	2270
Type6	8630	56700	539	2700

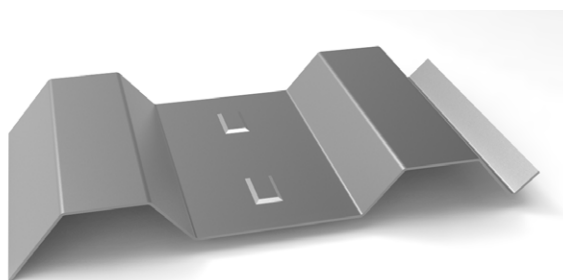
渠溝擋板 Trench Steel Sheet



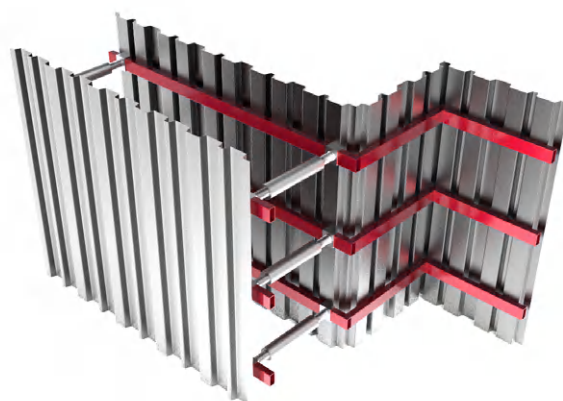
厚度 Thickness: 3mm
寬度 Width: 476mm
重量 Weight: 14.60kg/m



地坑防護擋土鋼板 Corrugated Trench Retaining Steel Plate

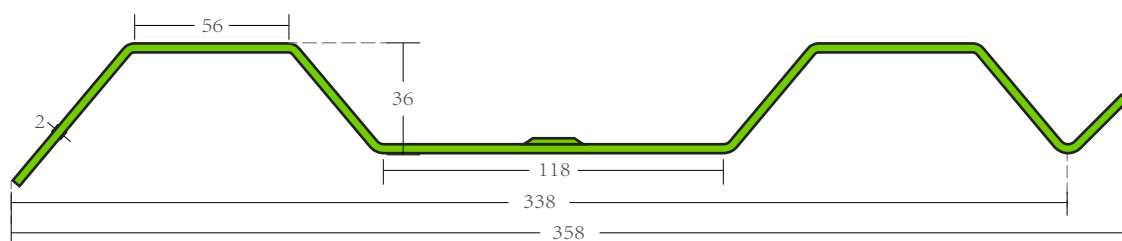


厚度 Thickness: 2mm 寬度 Width: 338mm
重量 Weight: 6.5kg/m



The corrugated folding design of this new Corrugated Trench retaining steel plate can bear the pressure from two sides so as to stabilize the earth nearby. Every retaining steel plate has a row of higher or lower holes so that workers can adjust the position of the framework swiftly in order to save time.

這種全新的地坑擋土鋼板的波浪式摺疊設計能承受兩旁的壓力，防止周邊泥土傾瀉。每塊擋土鋼板均有一排凹凸孔口，便於工人靈活調較支架位置，節省安裝時間。



Corrugated Trench Retaining Steel Plate stay straighter and last longer than timber sheathing; they are cost effective, environmental friendly which can replace the timber sheathing with recycling use as well as saving timber consumption.

地坑防護擋土鋼板比木板式擋土板保持得更直，使用壽命更長。它具有成本效益，環保，可代替木板式擋土板，並可循環使用，減少木材消耗。

地坑防護擋土鋼板(續) Corrugated Trench Retaining Steel Plate (Continued)

挖掘和道路工程

Excavation and Roadworks

工作安全地帶 Work Safety Zone

- 在馬路上進行工程，必須安排適當交通標誌或擺設工程車輛，並劃出工作安全地帶，以保護工人。使用適當防護路障，確保工作地帶安全。
- 在工作安全地帶前端設定緩衝區，讓駕車人士有足夠時間作出反應和減低車速。
- 遵守路政署發出的《道路工程的照明、標誌及防護工作守則》內的要求。
- 於快速公路進行流動作業時，必須使用護航車輛。
- 於快速公路封閉車線時，必須在施工地區前最少600米設置預先警告標誌，並在道路開始臨時改道的位置設置閃爍箭咀指示燈號。
- For work on carriageway, provide traffic signs, construction vehicle and demarcate work safety zone for protection of workers. Use suitable protection barriers to be used to ensure work zone safety.
- Provide buffer area at the front end of work safety zone for vehicles to react and decelerate.
- Comply with the requirements as stipulated in the Code of Practice for the Lighting, Signing and Guarding of Road Works issued by the Highways Department.
- Use shadow vehicle for mobile operations on expressways.
- For lane closure on an expressway, display advance working signs at 600 metres in advance of works area and flashing arrow signs where temporary diversion begins.



使用防護圍欄，劃出一個安全的工作地帶
Protection barriers used to ensure a safety working zone

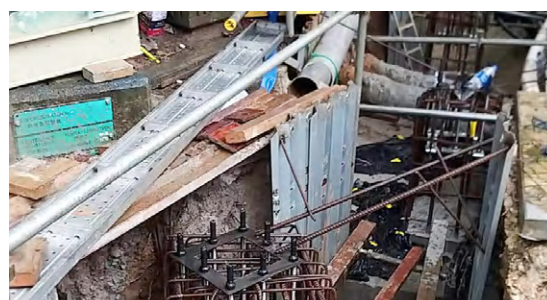


為行車道上的工程採取臨時交通安排
Temporary traffic arrangement for work carried out on carriageway

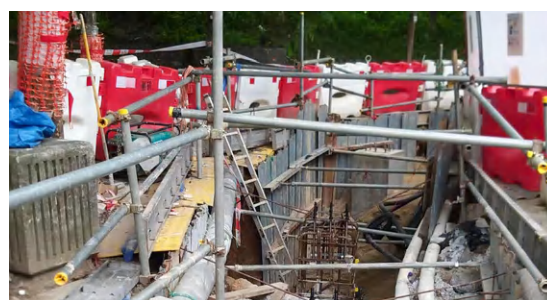
在進行挖掘工程時保護公用設施 Protection to Utilities in Excavation

- 在開始任何挖掘工程前，須核對公用設施的平面圖。
- 在使用機械挖掘前，應先用手用工具挖掘探洞，以確定現有公用設施的確實位置和深度。
- 在公用設施附近挖掘時，應採用人手挖掘的方法。
- 由地面懸掛吊架或在地下安裝支柱，以支撐現有公用設施。
- 穩固地支撐與溝槽平行或橫跨其上的現有公用設施。
- 如挖掘的溝槽深度超過1.2米，應在兩旁提供支撐物。
- 若工程需要支撐水管，應使用工字樑／軋製鋼樑代替鋼絲纜。

- Check the utilities layout plan before starting any excavation.
- Dig trial holes by hand tools to ascertain the exact positions and depths of existing utilities before using mechanical plant for excavation work.
- Use hand digging method when excavating close to the utilities.
- Support the existing utilities by hangers suspended from ground surface or propping from underneath.
- Support properly the existing utilities running parallel to or across the trench.
- Shoring support should be provided to sides of the trench excavation with depth greater than 1.2m.
- Use I beam / rolled steel joist (R.S.J.) instead of steel wire ropes to support water pipes.



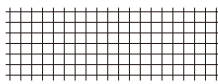
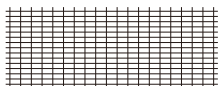
為深度超過1.2米的挖掘溝槽提供支撐設施
Shoring support to excavation with depth greater than 1.2m

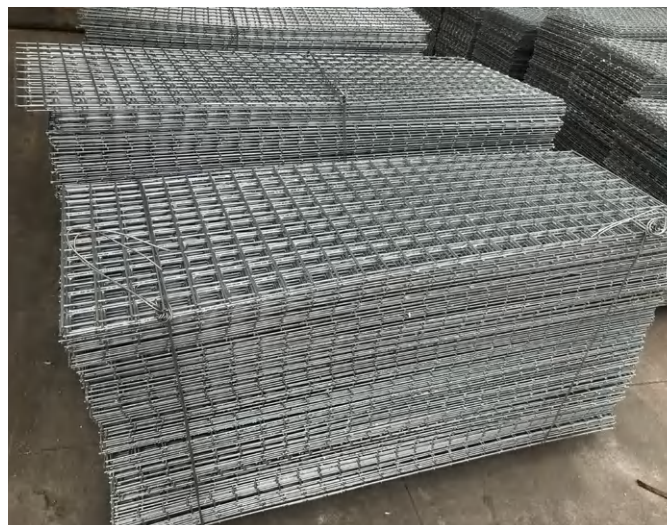


在地下安裝支柱
Support the existing utilities by propping from underneath

鋼筋網 Shaped Steel Fabric

英國標準 British Standard BS 4483:2005

編號 Ref No.	英國 標準編號 BS Ref.No.	網眼規格 Pitch		鋼筋規格 Nominal bar size		橫切面積 Area		重量 Mass	網片 重量 Mass Per Sheet	網片規格 Size of Sheet Width/Length		圖樣 Diagrammatic Drawing
		mm		mm		mm²/m		kg/m²				
方格鋼筋網 Square Mesh Fabric												
A10	A393	200	200	10	10	393	393	6.16	62.09	2.1	4.8	
A8	A252	200	200	8	8	252	252	3.95	39.82	2.1	4.8	
A7	A193	200	200	7	7	193	193	3.02	30.44	2.1	4.8	
A6	A142	200	200	6	6	142	142	2.22	22.38	2.1	4.8	
建築物結構網 Structural Mesh Fabric												
B12	B1131	100	200	12	8	1131	252	10.9	109.87	2.1	4.8	
B10	B785	100	200	10	8	785	252	8.14	82.05	2.1	4.8	
B8	B503	100	200	8	8	503	252	5.93	59.77	2.1	4.8	
B7	B385	100	200	7	7	385	193	4.53	45.66	2.1	4.8	
B6	B283	100	200	6	7	283	193	3.73	37.60	2.1	4.8	
長格鋼筋網 Long Mesh Fabric												
C10	C785	100	400	10	6	785	70.8	6.72	67.74	2.1	4.8	
C9	C636	100	400	9	6	636	70.8	5.55	55.94	2.1	4.8	
C8	C503	100	400	8	6	503	49	4.51	45.46	2.1	4.8	
C7	C385	100	400	7	6	385	49	3.58	36.09	2.1	4.8	
C6	C283	100	400	6	6	283	49	2.78	28.02	2.1	4.8	
小方格鋼筋網 Wrapping Mesh Fabric												
	D98	200	200	5	5	98	98	1.54	15.52	2.1	4.8	
	D49	100	100	2.5	2.5	49	49	0.77	5.82	2.1	3.6	



鋼筋網能保證工程質量

SHAPED STEEL FABRIC IS QUARTY STEEL FIXING

鋼筋網的鋼筋排放是標準化及機械化。使用標準化的鋼筋網可以大大減少由人手綁扎而做成的錯漏。鋼筋網片已廣泛地使用於：路面地台，高層建築物，水泥管，混凝土預製件等。

The spacing of the steel wires is uniformly controlled, as Steel Fabric is produced by fully computerized mesh making machines. Each wire intersection is welded with a controlled weld, not loosely fixed with tying wire. Our Steel Fabric eliminates human error in manual steel fixing. Steel fabric is widely used for the following applications: Paving, Building, Concrete pipes, Shaped Fabric, Precast Components etc.

金屬擴張網 Expanded Metal Lath

特性：

- A. 網目為菱形或龜甲形，整齊不會伸長，衝擊耐力強。
- B. 重量輕而堅固。
- C. 外觀美麗，適於裝飾等用途。
- D. 具良好之通光，通氣性，施工容易而經濟。

用途：

適用於各種機器防護欄、隔欄、發電所電纜架、車輛通氣窗，或各種籃筐、各種圍牆、欄杆、保護網、電氣器具，傢俱及水泥補強材料等，具無限用途範圍。



Features

- A. Rhombic or tortoise shell-shaped mesh, tidy and durable.
- B. Light-weight and sturdy.
- C. Artistic and decorative.
- D. Allow light and air to pass through, easy to assemble and economical.

Applications:

Apply to all kinds of machine guard wall, fence, cable bracket, windows of cars, or various baskets, enclosures, banisters, protecting walls, electric appliance, furniture, cement reinforcement materials, and unlimited scope of uses.

金屬擴張網/鉛水金屬 Expanded Metal Lath / Hot-dip Galvanized

本公司生產之鉛水金屬擴張網，符合政府各部門規格，包括建築署、房屋署、水務署、渠務署、土木工程拓展署、機場管理局、路政署、海事工程及港鐵公司及各項工程廣泛採用。

Our expanded metal lath is within standard of many different government departments' requirements, including Construction Department, Housing Department, Water Supplies Department, Drainage Services Department, Civil engineering and Development Department, Airport Authority, Highways department, marine engineering and MTRC, adopted in various projects.

A. 2600mm (LW:38.10mm) X 2440mm (SW:16.93mm/16.90mm)

B. 2800mm (LW:38.10mm) X 2440mm (SW:16.93mm/16.90mm)

內網眼規格：38.10mm垂直長 X 16.93mm/16.90mm寬 X 厚3mm X 網線4mm/3.9mm

Inner Eye Size : 38.10mm Vertical Long X 16.93mm/16.90mm Width X Thickness 3mm X Wire 4mm/3.9mm

編碼	擴張網規格		常用規格標準		大約重量
Code No.	Mesh Size		Nomal Size of Standards		Approx Weight
	LWM	SWM	Width	Thick	
N1007	76.20mm	33.87mm	4.50mm	3.0mm	6.88 kg/m ²
N1008	30.48mm	12.70mm	2.30mm	2.5mm	7.10 kg/m ²
N1009	38.10mm	16.90mm	3.90mm	3.0mm	10.87 kg/m ²
HSY3039	38.10mm	16.93mm	4.00mm	3.0mm	11.50 kg/m ²

執行標準：

Specification:

擴張網：英標BS 405

Expanded Steel Mesh to BS 405

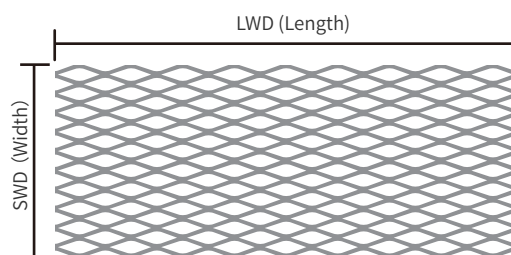
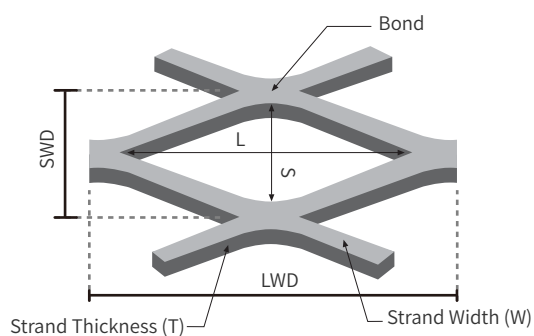
鉛水金屬擴張網：英標BS 729 1971/1986/BS EN ISO 1461:1999

Hot Dip Galvanized to BS 729 1971/1986/BS EN ISO 1461:1999

金屬擴張網
Expanded Metal Lath

產品規格表 Standard of Products

貨品編號 Type No (XS)	網眼尺寸 Mesh Size	原料厚度 Stand Size	尺寸 Size	重量 Weight
	(SWD x LWD)(mm)	(T x W)(mm)	(L x S)(mm)	(Kg/件)
XG21	36 x 101.6	4.5 x 7	1219 x 2438	40.72
XG21	36 x 101.6	4.5 x 7	1219 x 3048	50.9
XG22	36 x 101.6	6 x 7	1219 x 2438	54.4
XG22	36 x 101.6	6 x 7	1219 x 3048	68
XG23	36 x 101.6	6 x 9	1219 x 2438	70.1
XG24	36 x 101.6	8 x 9	1219 x 2438	93.3
XG31	25 x 75	5 x 7.5	1219 x 2438	69.8
XG31	25 x 75	5 x 7.5	1524 x 3048	109.063
XG32	30 x 75	5 x 10.5	1219 x 2438	81.70
XG33	30 x 75	3 x 8	1219 x 2438	37.3
XG34	42 x 135	5 x 8	1219 x 2438	44.4
XG34	42 x 135	5 x 8	1524 x 3048	69.375
XG35	45 x 135	5 x 11	1219 x 2438	58
XS31	12 x 30.5	1.2 x 1.5	1219 x 2438	7.01
XS32	12 x 30.5	1.6 x 2	1219 x 2438	12.5
XS33	12 x 30.5	2.3 x 3	1219 x 2438	26.8
XS41	22 x 50.8	1.6 x 2	1219 x 2438	6.78
XS42	22 x 50.8	2.3 x 2.5	1219 x 2438	12.2
XS43	22x50.8	3.2 x 3.5	1219 x 2438	23.8
XS51	25 x 61	1.6 x 2.5	1219 x 2438	7.46
XS52	25 x 61	2.3 x 3	1219 x 2438	12.9
XS53	25 x 61	3.2 x 4	1219 x 2438	23.9
XS61	34 x 76.2	2.3 x 3.5	1219 x 2438	9.48
XS62	34 x 76.2	3.2 x 4	914 x 3048	16.5
XS62	34 x 76.2	3.2 x 4	1219 x 2438	17.6
XS63	34 x 76.2	4.5 x 5	1219 x 2438	30.9
XS63	34 x 76.2	4.5 x 5	1219 x 3048	38.625
XS71	50 x 152.4	2.3 x 3.5	1219 x 2438	7.52
XS72	50 x 152.4	3.2 x 4	1219 x 2438	11.92
XS73	50 x 152.4	4.5 x 5	1219 x 2438	21
XS81	75 x 203.2	3.2 x 4	1219 x 2438	7.96
XS82	75 x 203.2	4.5 x 5	1219 x 2438	14
XS83	75 x 203.2	6 x 6	1219 x 2438	22.4
XS91	115 x 304.8	3.2 x 5	1219 x 2438	6.48
XS92	115 x 304.8	4.5 x 6	1219 x 2438	11
XS93	115 x 304.8	6 x 7	1219 x 2438	17.18



金屬擴張網(工程案例) Expanded Metal Lath (Job Reference)

煌商佑金屬擴張網/鉛水金屬 HSY Expanded Metal Lath / Hot-dip Galvanized

規格 Size: 2600mm (LW:38.10mm) x 2440mm (SW: 16.93mm/16.90mm)

內網眼規格: 38.10mm垂直長 X 16.90mm寬 X 厚3mm X 網線4mm/3.9mm

Inner Eye Size : 38.10mm Vertical Long X 16.90mm width X Thickness 3mm X wire 3.9mm

執行標準: 1、擴張網: 英標BS405

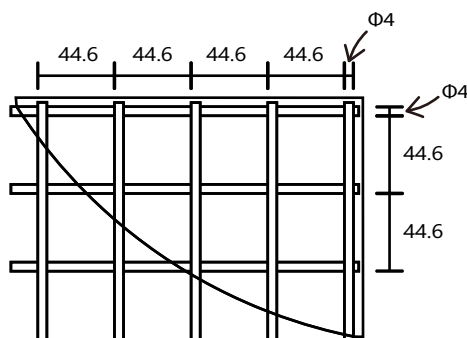
2、鉛水金屬擴張網: 英標BS 729/BS EN ISO 1460:1999

Specification: 1、Expanded Steel Mesh to BS 405 2、Hot Dip Galvanized to BS 729/BS EN ISO 1460:1999

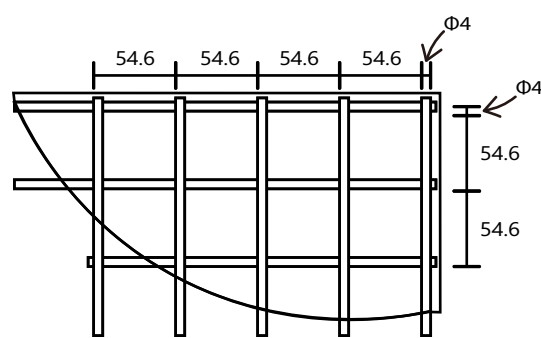
編號 Code No.	擴張網規格 Mesh Size		原料規格 Stand Size		大約重量 Approx Weight
	LWM	SWM	Width	Thick	
N1009	38.1mm	16.90mm	3.9mm	3.0mm	10.87kg/m ²

顧問公司 Consultant	工程業績 Job Reference
Ming Hing-Ming Hing Civil-Vasteam Joint Venture	沙田濾水廠原地重置工程 (南廠) — 前期工程 3/WSD/15 In-situ Reprovisioning of Sha Tin Water Treatment Works (South Works) - Advance Works

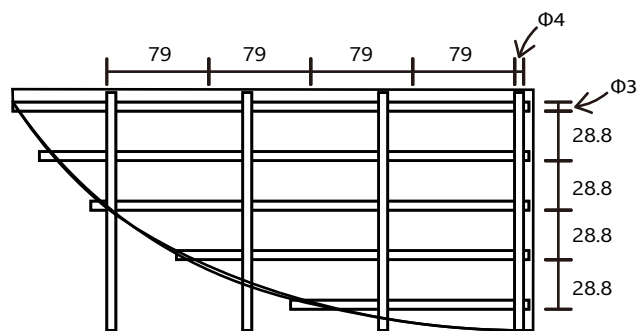
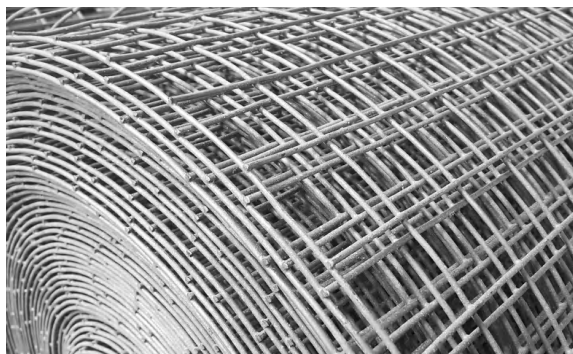
鍍鋅電焊網 Galvanized Welded Mesh



HSY 40 x 40
鍍鋅焊網尺寸圖

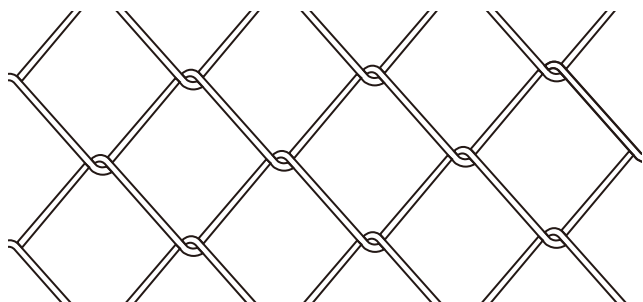


HSY 50 x 50
鍍鋅焊網尺寸圖

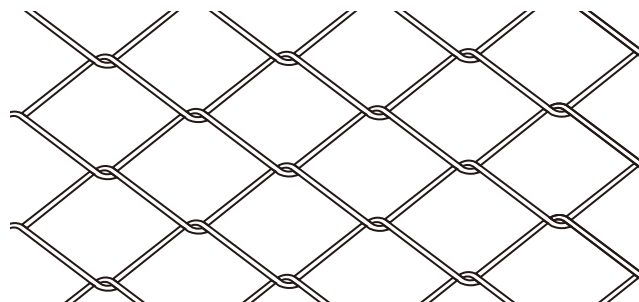


HSY 25 x 75
鍍鋅焊網尺寸圖

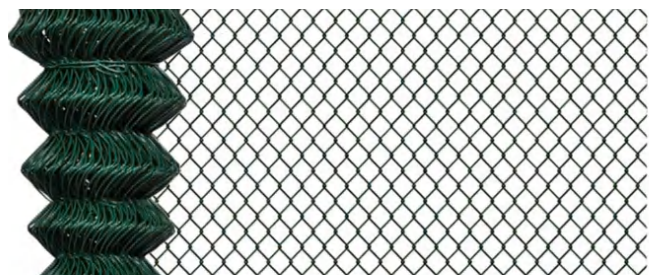
PVC 包膠網及鍍鋅青菱網(多用途圍網) PVC-coated & Galvanized Chain Link Mesh



鍍鋅青菱網 Galvanized Chain Link Mesh



鍍鋅青菱網 Galvanized Chain Link Mesh



PVC包膠網 PVC-coated Mesh



鍍鋅青菱網 Galvanized Chain Link Mesh

鍍鋅/不銹鋼網 Galvanized / Stainless Steel Mesh

產品規格表 Standard of Products

鋼號 Reference No.		鍍鋅網規格 Diameter		網眼規格 Pitch		網片規格 Sheet Size	重量 Weight
鍍鋅 Galvanized Steel	不銹鋼 Stainless Steel	值 Main A(mm)	橫 Cross B(mm)	值 Main A(mm)	橫 Cross B(mm)	寬 X 長 Width x Length W(m) x L(m)	(Kg/m ²)
21G	21S	4.00	3.00	50	25	2.1 x 3.6	4.18
210G	210S	3.00	3.00	50	50	2.1 x 3.6	2.20
228G	228S	4.00	4.00	50	50	2.1 x 3.6	3.96
31G	31S	4.00	3.00	75	25	2.1 x 3.6	3.52
310G	310S	3.00	3.00	75	75	2.1 x 3.6	1.46
3110G	3110S	3.00	3.00	75	25	2.1 x 3.6	2.93
310aG	—	3.00	3.20	75	75	2.1 x 3.6	1.68
410G	410S	3.00	3.00	100	100	2.1 x 3.6	1.11
48G	48S	4.00	4.00	100	100	2.1 x 3.6	1.98
1111G	1111S	3.00	3.00	25	25	2.1 x 3.6	4.40
1112G	1112S	2.00	2.70	25	25	1.2 x 2.1	3.64
3315*	—*	1.00	1.50	75	75	1.8 x 30	0.36
D31*	D31S*	2.00	2.00	100	100	1.8 x 60	0.5
B31*	B31S*	2.00	2.00	50	50	1.8 x 30	0.99
D49*	D49S*	2.50	2.50	100	100	1.8 x 50	0.77
E49*	E49S*	2.50	2.50	50	50	1.8 x 20	1.54
B49a(2212)*	E49aS*	2.70	2.70	50	50	1.8 x 20	1.80
1520G*	1520S*	1.50	1.50	20	20	0.915 x 30	1.40
1117G*	1117S*	1.50	1.50	25	25	0.915 x 30	1.12
1118G*	1118S*	1.20	1.20	25	25	0.915 x 30	0.72
1119G*	1119S*	1.00	1.00	25	25	0.915 x 30	0.48

備註:

Remarks:

- (1) “*” 網格類型以卷的形式提供
- (2) 不銹鋼網提供ASTM EN 304 和 AISI 316兩種等級

- (1) “*” Types of mesh are supplied in form of rolls.
- (2) Stainless Steel Mesh is supplied in grade of ASTM EN 304 and AISI 316.

不銹鋼刀片網 Stainless Steel Blade Mesh

不銹鋼刀片刺網也稱為不銹鋼刀片刺絲、不銹鋼刀片刺繩，是一種新型防護網。不銹鋼刀片刺網具有美觀、經濟實用、防阻效果好、施工便利等優異特點，目前，不銹鋼刀片刺網已被廣泛應用於許多國家的工礦企業，園林公寓，邊防哨所，軍事領域，監獄，看守所，政府建築物和其他國家的安全設施。

可為客戶定做304材質，316L材質刀片網及工程安裝。

Stainless steel blade gill net, also known as stainless steel blade thorn wire and stainless steel blade thorn rope, is a new type of protective net. Stainless steel blade gill net has the advantages of beautiful, economical and practical, good anti blocking effect and convenient construction. At present, stainless steel blade gill net has been widely used in many countries' industrial and mining enterprises, garden apartments, border guard posts, military fields, prisons, detention centers, government buildings and other national security facilities.

Can be customized 304 material, 316L material blade net and installation purpose.



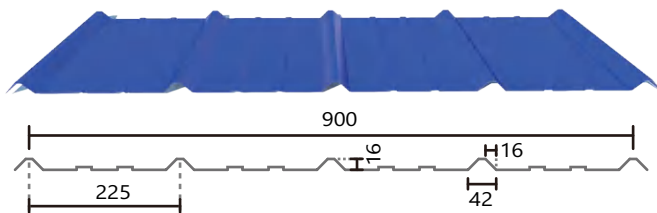
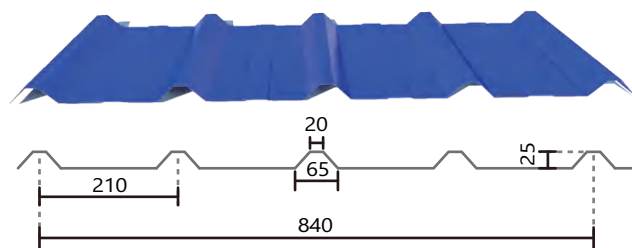
刀片規格形式 Specification

代號 Type No.	刀片形式 Shape	刀片厚 Thickness	心線直徑 Wire Dia.	刀長 Bard Length	刀寬 Bard Width	刀間 Bard Spacing
BT0-10		0.5±0.05	2.5±0.1	10±1	13±1	26±1
BT0-18		0.5±0.05	2.5±0.1	15±1	15±1	33±1
BT0-22		0.5±0.05	2.5±0.1	22±1	15±1	34±1
BT0-60		0.6±0.05	2.5±0.1	65±1	21±1	100±1

外徑 Outer Diameter	圈數 Cycles	標準覆蓋長度 Standard Coverage Length	生產形式 Production form	備註 Remark
450mm	56	8-9m(3 Clips)	BTO-10.12.18.22.28.30	交叉型 Cross type
500mm	56	9-10m(3 Clips)	BTO-10.12.18.22.28.30	交叉型 Cross type
600mm	56	10-11m(3 Clips)	BTO-10.12.18.22.28.30	交叉型 Cross type
800mm	56	11-13m(5 Clips)	BTO-10.12.18.22.28.30	交叉型 Cross type

環保坑板 Galvanized Pre-printed Corrugated Sheets

型號 Type	坑板尺寸規格 Size	原料厚度 Material Thickness	實用闊度 Practical Width
FS750		0.5mm-0.7mm	750mm
FS730		0.5mm-0.7mm	730mm
FS800		0.35mm-0.7mm	800mm



型號 Type			用途 Usage
有效寬度 Cover Width(mm)	840/1050		
展開寬度 Coil Width(mm)	1000/1200		
板厚 thickness (mm)	0.5	0.6	屋面板 roof sheathing 牆面板 Wall Panel
截面慣性矩 Moment of inertia (cm ⁴ /m)	4.44	5.38	
截面抵抗矩 section resistance (cm ³ /m)	6.98	8.31	

型號 Type				用途 Usage
有效寬度 Cover Width(mm)	900			
展開寬度 Coil Width(mm)	1000			
板厚 thickness (mm)	0.4	0.5	0.6	屋面板 roof sheathing 牆面板 Wall Panel
截面慣性矩 Moment of inertia (cm ⁴ /m)	4.5	5.8	7.02	
截面抵抗矩 section resistance (cm ³ /m)	2.07	2.92	3.43	

HSY環保彩塗坑板是採用鍍鋅烤漆鋼為材料，本公司用壓延坑板成型機械加工成型，耐腐蝕性好，色彩鮮艷，外觀美觀。

HSY環保坑板通過多種研究顯示，環保坑板廣泛應用於各式建築物、地盤圍板、倉地圍牆、停車場上蓋、商業設施、機場、庫房，公司自攻型螺絲使其安裝更為方便。

本公司將會按照客戶所制定尺寸切割交貨，可避免一般材料因長度不足而搭接的情形。每塊坑板最長可達至14米。本公司HSY環保彩塗坑板均在香港及國內設廠生產，還有充足的庫存，可充分供應中國，香港及澳門市場需要，更可以在香港下單，國內提貨。

HSY Galvanized Pre-Painted Corrugated Sheet was rolled into shape from galvanized steel iron coil with our company's calendered pit board forming machine which assured good corrosion resistance, bright color and beautiful appearance.

According to our various studies, HSY Galvanized Pre-Painted Corrugated Sheet can be use in all kinds of constructions, such as: site fencing, warehouse wall, roofing of parking lots, commercial facilities, airports, warehouses. It is very convenient to install with the self tapping screw imported by our company.

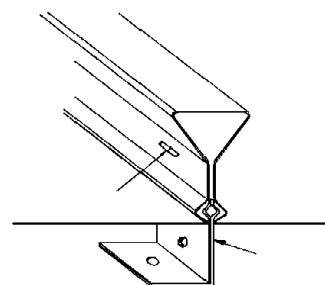
We offer tailor made cut to length profile to fulfill clients' requirement. The max length of each corrugated sheet is 14 meters. HSY Galvanized Pre-Painted Corrugated Sheet is produced in Hong Kong and Mainland, China. Our stockings can meet the needs of China, Hong Kong and Macau market, Clients can even order in Hong Kong and receive the delivery anywhere in Mainland, China.

製品規格 Specification	JIS G3312/BS 3083/ BS G3302/ASTM A526		
厚度 Thickness	0.5mm	0.7mm	1mm
衝擊試驗 Impact test	OK	OK	OK
鉛筆硬度試驗 Pencil hardness test	OK	OK	OK
方格試驗 Cross souring test	OK	OK	OK
鹽水噴霧試驗 Salt spray test	OK	OK	OK
硬度試驗 Hardness test	OK	OK	OK
紋層重量 Coating weight	OK	OK	OK
塗膜厚度 Film thickness	OK	OK	OK

閉口鋼樓承板樓面系統 Closed Profiled Sheet Floor System

閉口式樓承板是我司最新引進的新科技產品，是一種更先進的復合樓承板系統，經實驗證實比其他開口型樓承板更具強大的承載力和抗剪力。閉口肋形的特殊設計，讓鋼承板的板肋完全被混凝土裹護，如同現澆板里的鋼筋，從而能夠最大限度地發揮鋼—混凝土各自的特性，成功應用於受力配筋的樓承板系統中，並有極好的耐火性能。

Closed Steel Floor System is our company's latest introduction of new technology products, which is a more advanced composite floor system. It has been proved by experiments that it has stronger bearing capacity and shear resistance than other open-type floor slabs. The special design of closed rib shape allows the ribs of steel bearing plate to be completely protected by concrete, just like the reinforcement in the fired slab, so as to maximize the respective characteristics of steel and concrete. It is successfully applied in the floor slab system with stressed reinforcement and has excellent fire resistance.



圖樣 Diagrammatic Drawing	板型 Model	展開寬度 Coil width (mm)	板厚 Thickness (mm)	截面慣性矩 Moment of inertia (cm ² /m)	截面抵抗矩 Cross-section moment resistance (cm ⁴ /m)
	Type1	1045	0.8	93.80	21.36
			0.9	105.91	24.87
			1.0	115.88	26.58
			1.2	137.69	31.56
	Type2	1250	0.8	71.21	39.89
			1.0	85.86	43.15
			1.2	106.29	47.88
	Type3	1250	0.8	51.58	33.99
			0.9	57.76	38.09
			1.0	63.89	42.18
			1.2	77.51	50.37
	Type4	1000	0.8	218.40	33.99
			0.9	244.20	38.09
			1.0	282.80	42.18
			1.2	321.00	50.37

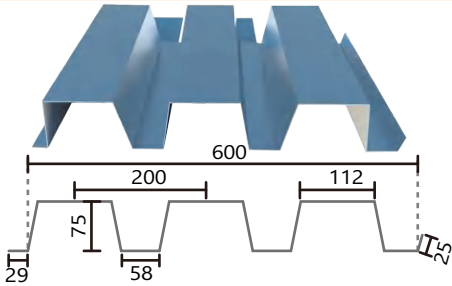
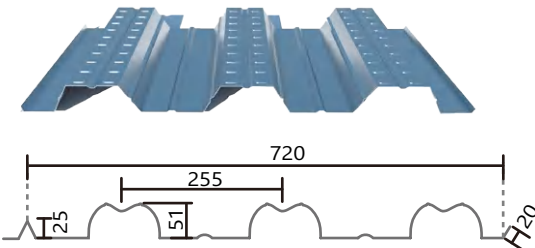
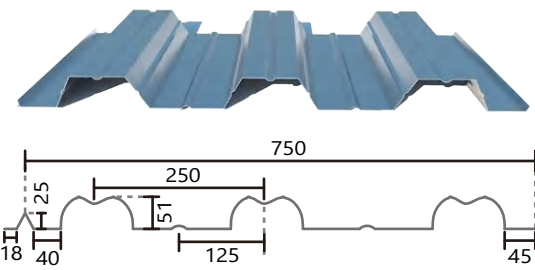
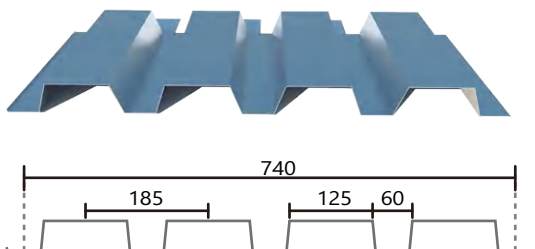
開口鋼樓承板樓面系統 Opened Profiled Sheet Floor System

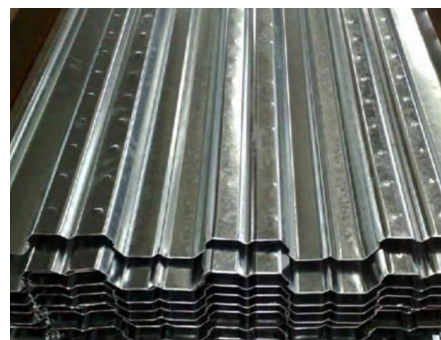
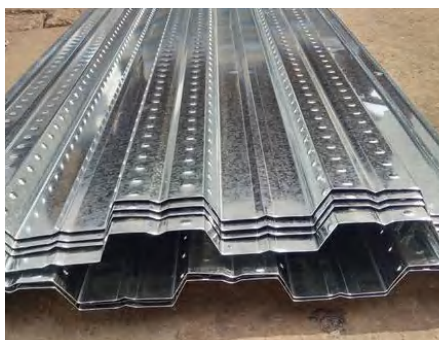
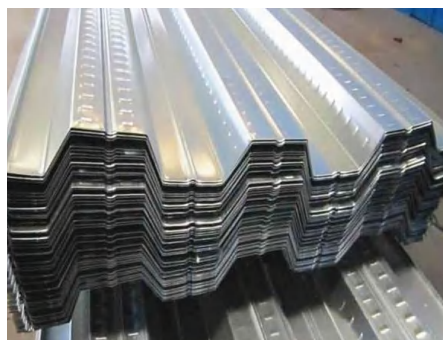
鋼承板為鋼結構建築重要配套產品，本產品特性如下

- 1、重量輕、强度高，承重、抗震性好
- 2、施工簡單快捷、拼裝方便
- 3、取代傳統模版、改善傳統模版缺點
- 4、可作為結構強度一部分，減低材料成本
- 5、易於配筋、配線、配管施工

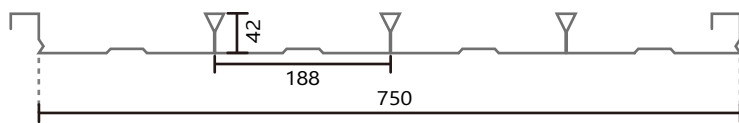
Profiled sheet is an important complementary product for steel structure building. The product features are as follows:

1. Light weight, high strength, load-bearing and good seismic resistance
2. Simple and fast construction, easy assembly
3. Replace traditional template and improve its shortcomings
4. Can be used as part of structural strength to reduce material cost
5. It is easy to construct reinforcement, wiring and piping

圖樣 Diagrammatic Drawing	板型 Model	展開寬度 Coil width (mm)	板厚 Thickness (mm)	截面慣性矩 Moment of inertia (cm ² /m)	截面抵抗矩 Cross-section moment resistance (cm ⁴ /m)
	Type5	1000	0.8	71.16	16.19
			0.9	82.54	18.87
			1.0	94.74	21.61
			1.2	123.28	27.28
	Type6	1000	0.8	52.80	16.45
			0.9	58.20	18.67
			1.0	64.55	22.69
			1.2	76.38	27.39
	Type7	1000	0.8	44.87	13.78
			0.9	49.37	15.80
			1.0	54.81	17.62
			1.2	64.88	22.50
	Type8	1000	0.8	54.39	21.33
			0.9	61.28	24.10
			1.0	67.97	26.66
			1.2	80.69	31.70



燕尾式(縮口)鋼樓承板樓面系統 Dovetailed (Constricted) Profiled Sheet Floor System



斷面性質 Deck Properties

鋼板厚度		單位重量	用鋼量	轉動慣性矩	正彎矩斷面模數	負面矩斷面模數
Metre Thk		Mass	AG	L	SP	SN
mm		Kg/m	cm ² /m	cm ⁴ /m	cm ³ /m	cm ³ /m
22	0.80	9.20	12.4	27.94	9.31	9.31
20	0.90	11.04	15.0	33.81	10.66	10.66
19	1.00	12.27	17.2	39.68	13.10	13.10
18	1.20	14.72	19.6	45.55	15.09	15.09

熱浸鍍鋅執行標準

Hot-dip Galvanized Standard

熱浸鍍鋅標準鋼鐵製品熱浸鍍鋅塗層的技术參數由單一標準規定，即BS EN ISO 1461 “鋼鐵製品熱浸鍍鋅塗層-技術參數及測試方法”。當鋼材被熱浸鍍鋅時，表面完全覆蓋均勻塗層，塗層厚度主要由被鍍鋅鋼材本身厚度決定（明細請參考表格）。

The specification for hot dip galvanized coating on iron and steel material is defined by a single standard, BS EN ISO 1461 “Hot dip galvanized coating on iron and steel articles-specifications and test methods.”
After hot dip galvanizing, the surface of the steel is completely covered with a uniform coating whose thickness is determined principally by the thickness of the steel being galvanized(Please refer to table for details).

製品厚度 Steel Thickness		最低鋅層厚度 Minimum Coating Thickness		平均鋅層厚度 Average Coating Thickness	
		g/m ²	μm	g/m ²	μm
steel>6mm	鋼鐵製品>6mm	505	70	610	85
3mm<steel≤6mm	3mm<鋼鐵製品≤6mm	395	55	505	70
1.5mm≤steel≤3mm	1.5mm≤鋼鐵製品≤3mm	325	45	395	55
steel<1.5mm	鋼鐵製品<1.5mm	250	35	325	45
castings≥6mm	鋼鐵鑄件≥6mm	505	70	575	80
casting<6mm	鋼鐵鑄件<6mm	430	60	505	70

螺紋鋼及圓鋼（有紋路鋼材製品）製品厚度 Thickness of Deformed Bars and Round Bars (Steel Materials with Threads)		最低鋅層厚度 Minimum Coating Thickness		平均鋅層厚度 Average Coating Thickness	
		g/m ²	μm	g/m ²	μm
≥20mm φ	直徑≥20mm	325	45	395	55
≥6mm φ to <20mm φ	6mm≤直徑<20mm	250	35	325	45
<6mm φ	直徑<6mm	145	20	180	25
Other Articles(incl. Castings) 其他製品（包括鑄件）					
≥3mm		325	45	395	55
<3mm		250	35	325	45

中國標準 Chinese Standard (GB)

碳素結構鋼 Carbon structural steels GB/T 700:2006

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)			抗拉強度 Tensile Strength (N/mm²)	延伸率 Elongation 不少於 Min. (%) Lo = 5.65√ So			化學成分 Chemical Composition 不大於 Max. (%)					衝擊試驗 Impact Test 不少於 Min.	
	厚度 Thickness (t) (mm)				厚度 Thickness (t) (mm)			C	Si	Mn	P	S	溫度 Temp (°C)	能量 Energy (J)
	t≤16	16<t≤40	40<t≤60		t≤40	40<t≤60	60<t≤100							
Q235A	235	225	215	375-500	26	25	24	0.22	0.35	1.4	0.045	0.050	N/A	N/A
Q235B	235	225	215	375-500	26	25	24	0.20	0.35	1.4	0.045	0.045	20	27
Q235C	235	225	215	375-500	26	25	24	0.17	0.35	1.4	0.040	0.040	0	27
Q235D	235	225	215	375-500	26	25	24	0.17	0.35	1.4	0.035	0.035	-20	27
Q355A	355	335	325	470-630	20	19	19	0.20	0.5	1.7	0.035	0.035	N/A	N/A
Q355B	355	335	325	470-630	20	19	19	0.20	0.5	1.7	0.035	0.035	20	34
Q355C	355	335	325	470-630	21	20	20	0.20	0.5	1.7	0.030	0.030	0	34
Q355D	355	335	325	470-630	21	20	20	0.18	0.5	1.7	0.030	0.025	-20	34
Q355E	355	335	325	470-630	21	20	20	0.18	0.5	1.7	0.025	0.020	-40	34

低合金高強度結構鋼 High strength low alloy structural steels GB/T 1591:2018

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)									抗拉強度 Tensile Strength N/mm²			
	厚度 Thickness (t) (mm)									厚度 Thickness (t) (mm)			
	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤100	100<t≤150	150<t≤200	200<t≤250	250<t≤400	t≤100	100<t≤150	150<t≤250	250<t≤400
Q390A	390	370	350	330	330	310	N/A	N/A	N/A	490-650	470-620	N/A	N/A
Q390B	390	370	350	330	330	310	N/A	N/A	N/A	490-650	470-620	N/A	N/A
Q390C	390	370	350	330	330	310	N/A	N/A	N/A	490-650	470-620	N/A	N/A
Q390D	390	370	350	330	330	310	N/A	N/A	N/A	490-650	470-620	N/A	N/A
Q390E	390	370	350	330	330	310	N/A	N/A	N/A	490-650	470-620	N/A	N/A
Q460C	460	440	420	400	400	380	N/A	N/A	N/A	550-720	530-700	N/A	N/A
Q460D	460	440	420	400	400	380	N/A	N/A	N/A	550-720	530-700	N/A	N/A
Q460E	460	440	420	400	400	380	N/A	N/A	N/A	550-720	530-700	N/A	N/A

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)							衝擊試驗 Impact Test 不少於 Min. Energy (J)				延伸率 Elongation 不少於 Min. (%) Lo = 5.65√So				
	C	Si	Mn	P	S	N	Cu	溫度 Temp (°C)	厚度 Thickness (t) (mm)			厚度 Thickness (t) (mm)				
									12<t≤150	150<t≤250	250<t≤400	t≤40	40<t≤100	100<t≤150	150<t≤250	250<t≤400
Q390A	0.20	0.5	1.7	0.035	0.035	0.015	0.3	N/A	N/A	N/A	N/A	20	19	18	N/A	N/A
Q390B	0.20	0.5	1.7	0.035	0.035	0.015	0.3	20	34	N/A	N/A	20	19	18	N/A	N/A
Q390C	0.20	0.5	1.7	0.030	0.030	0.015	0.3	0	34	N/A	N/A	20	19	18	N/A	N/A
Q390D	0.20	0.5	1.7	0.030	0.025	0.015	0.3	-20	34	N/A	N/A	20	19	18	N/A	N/A
Q390E	0.20	0.5	1.7	0.025	0.020	0.015	0.3	-40	34	N/A	N/A	20	19	18	N/A	N/A
Q460C	0.20	0.6	1.8	0.030	0.030	0.015	0.55	0	34	N/A	N/A	17	16	16	N/A	N/A
Q460D	0.20	0.6	1.8	0.030	0.025	0.015	0.55	-20	34	N/A	N/A	17	16	16	N/A	N/A
Q460E	0.20	0.6	1.8	0.025	0.020	0.015	0.55	-40	34	N/A	N/A	17	16	16	N/A	N/A

歐盟標準 European Standard

熱軋結構鋼製品 - 第2部分-非合金結構鋼交貨技術條件 Hot rolled products of structural steels- Part 2 - Technical delivery conditions for non-alloy structural steels
BS EN 10025-2 : 2019

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)										抗拉強度 Tensile Strength N/mm²				
	厚度 Thickness (t) (mm)										厚度 Thickness (t) (mm)				
	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤100	100<t≤150	150<t≤200	200<t≤250	250<t≤400		t<3	3<t≤100	100<t≤150	150<t≤250	250<t≤400
S 275 JR	275	265	255	245	235	225	215	205	N/A		430 - 580	410 - 560	400 - 540	380 - 540	N/A
S 275 J0	275	265	255	245	235	225	215	205	N/A		430 - 580	410 - 560	400 - 540	380 - 540	N/A
S 275 J2	275	265	255	245	235	225	215	205	195		430 - 580	410 - 560	400 - 540	380 - 540	380 - 540
S 355 JR	355	345	335	325	315	295	285	275	N/A		510 - 680	470 - 630	450 - 600	450 - 600	N/A
S 355 J0	355	345	335	325	315	295	285	275	N/A		510 - 680	470 - 630	450 - 600	450 - 600	N/A
S 355 J2	355	345	335	325	315	295	285	275	265		510 - 680	470 - 630	450 - 600	450 - 600	450 - 600
S 450 J0*	450	430	410	390	380	380	N/A	N/A	N/A		N/A	550 - 720	530 - 700	N/A	N/A

* 只適用於長的產品 * Applicable for long products only.

等級 Grade	試件方向 Position of Text Pieces	延伸率 Elongation 不少於 Min. (%)											衝擊測試 Impact Test 不少於 Min.Energy (J)			
		Lo = 80mm					Lo = 5.65√So									
		厚度 Thickness (t) (mm)					厚度 Thickness (t) (mm)						溫度 Temp (°C)	厚度 Thickness (t) (mm)		
		t≤1	1<t≤1.5	1.5<t≤2	2<t≤2.5	2.5<t≤3	3<t≤40	40<t≤63	63<t≤100	100<t≤150	150<t≤250	250<t≤400		t≤150	150<t≤250	250<t≤400
S 275 JR	l	15	16	17	18	19	23	22	21	19	18	N/A	20	27	27	N/A
S 275 J0													0	27	27	N/A
S 275 J2	t	13	14	15	16	17	21	20	19	19	18	18	-20	27	27	27
S 355 JR	l	14	15	16	17	18	22	21	20	18	17	N/A	20	27	27	N/A
S 355 J0													0	27	27	N/A
S 355 J2	t	12	13	14	15	16	20	19	18	18	17	17	-20	27	27	27
S 450 J0	l	N/A	N/A	N/A	N/A	17	17	17	17	17	N/A	N/A	0	27	N/A	N/A

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)									碳當量值 Carbon Equivalent Value 不大於 Max. (%)				
	C			Si	Mn	P	S	N	Cu					
	厚度 Thickness (t) (mm)									厚度 Thickness (t) (mm)				
	t≤16	16<t≤40	t>40							t≤30	30<t≤40	40<t≤150	150<t≤250	250<t≤400
S 275 JR	0.21	0.21	0.22	N/A	1.50	0.035	0.035	0.012	0.55	0.40	0.40	0.42	0.44	N/A
S 275 J0	0.18	0.18	0.18	N/A	1.50	0.030	0.030	0.012	0.55	0.40	0.40	0.42	0.44	N/A
S 275 J2	0.18	0.18	0.18	N/A	1.50	0.025	0.025	N/A	0.55	0.40	0.40	0.42	0.44	0.44
S 355 JR	0.24	0.24	0.24	0.55	1.60	0.035	0.035	0.012	0.55	0.45	0.47	0.47	0.49	N/A
S 355 J0	0.20	0.20	0.22	0.55	1.60	0.030	0.030	0.012	0.55	0.45	0.47	0.47	0.49	N/A
S 355 J2	0.20	0.20	0.22	0.55	1.60	0.025	0.025	N/A	0.55	0.45	0.47	0.47	0.49	0.49
S 450 J0	0.20	0.20	0.22	0.55	1.70	0.030	0.030	0.025	0.55	0.47	0.49	0.49	N/A	N/A

歐盟標準 European Standard

正火/正火軋製焊接用細晶粒結構鋼交貨技術條件 Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels
BS EN 10025-3: 2019

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm ²)								抗拉強度 Tensile Strength N/mm ²			延伸率 Elongation 不少於 Min. (%) Lo = 5.65√ So					
	厚度 Thickness (t) (mm)								厚度 Thickness (t) (mm)			厚度 Thickness (t) (mm)					
	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤100	100<t≤150	150<t≤200	200<t≤250	t≤100	100<t≤200	200<t≤250	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤200	200<t≤250
S 275 N S 275 NL	275	265	255	245	235	225	215	205	370-510	350-480	350-480	24	24	24	23	23	23
S 355 N S 355 NL	355	345	335	325	315	295	285	275	470-630	450-600	450-600	22	22	22	21	21	21
S 420 N S 420 NL	420	400	390	370	360	340	330	320	520-680	500-650	500-650	19	19	19	18	18	18
S 460 N S 460 NL	460	440	430	410	400	380	370	N/A	540-720	530-710	N/A	17	17	17	17	17	N/A

等級 Grade	縱向衝擊測試 Impact Test on longitudinal V-notch test 能量 Energy (J) 不少於 Min.								橫向衝擊測試 Impact Test on transverse V-notch test 能量 Energy (J) 不少於 Min.						
	20°C	0°C	-10°C	-20°C	-30°C	-40°C	-50°C	20°C	0°C	-10°C	-20°C	-30°C	-40°C	-50°C	
S 275 N S 275 NL	55 63	47 55	43 51	40 47	N/A 40	N/A 31	N/A 27	31 40	27 34	24 30	20 27	N/A 23	N/A 20	N/A 16	
S 355 N S 355 NL	55 63	47 55	43 51	40 47	N/A 40	N/A 31	N/A 27	31 40	27 34	24 30	20 27	N/A 23	N/A 20	N/A 16	
S 420 N S 420 NL	55 63	47 55	43 51	40 47	N/A 40	N/A 31	N/A 27	31 40	27 34	24 30	20 27	N/A 23	N/A 20	N/A 16	
S 460 N S 460 NL	55 63	47 55	43 51	40 47	N/A 40	N/A 31	N/A 27	31 40	27 34	24 30	20 27	N/A 23	N/A 20	N/A 16	

等級 Grade	化學成份 Chemical Composition 不大於 Max. (%)														碳當量值 Carbon Equivalent Value 不大於 Max. (%)		
	C	Si	Mn	P	S	Nb	V	Al _{total}	Ti	Cr	Ni	Mo	Cu	N	厚度 Thickness (t) (mm)		
															t≤63	63<t≤100	100<t≤250
S 275 N S 275 NL	0.18 0.16	0.40 0.40	0.50-1.50 0.50-1.50	0.030 0.025	0.025 0.020	0.05 0.05	0.05 0.05	0.02 0.02	0.05 0.05	0.30 0.30	0.30 0.30	0.10 0.10	0.55 0.55	0.015 0.015	0.40 0.40	0.40 0.40	0.42 0.42
S 355 N S 355 NL	0.20 0.18	0.50 0.50	0.90-1.65 0.90-1.65	0.030 0.025	0.025 0.020	0.05 0.05	0.12 0.12	0.02 0.02	0.05 0.05	0.30 0.30	0.50 0.50	0.10 0.10	0.55 0.55	0.015 0.015	0.43 0.43	0.45 0.45	0.45 0.45
S 420 N S 420 NL	0.20 0.20	0.60 0.60	1.00-1.70 1.00-1.70	0.030 0.025	0.025 0.020	0.05 0.05	0.20 0.20	0.02 0.02	0.05 0.05	0.30 0.30	0.80 0.80	0.10 0.10	0.55 0.55	0.025 0.025	0.48 0.48	0.50 0.50	0.52 0.52
S 460 N S 460 NL	0.20 0.20	0.60 0.60	1.00-1.70 1.00-1.70	0.030 0.025	0.025 0.020	0.05 0.05	0.20 0.20	0.02 0.02	0.05 0.05	0.30 0.30	0.80 0.80	0.10 0.10	0.55 0.55	0.025 0.025	0.53 0.53	0.54 0.54	0.55 0.55

鋼牌號 Designation		化學成分 Chemical Composition (%)													
According EN 10027-1 and CR 10260	According EN 10027-2	C	Si	Mn	P	S	Nb	V	Al _{total}	Ti	Cr	Ni	Mo	Cu	N
		max	max	max	max	max	max	max	min	max	max	max	max	max	max
S275M	1.8818	0.13	0.50	1.50	0.030	0.025	0.05	0.08	0.02	0.05	0.30	0.30	0.10	0.55	0.015
S275ML	1.8819				0.025	0.020									
S355M	1.8823	0.14	0.50	1.60	0.030	0.025	0.05	0.10	0.02	0.05	0.30	0.50	0.10	0.55	0.015
S355ML	1.8834				0.025	0.020									
S420M	1.8825	0.16	0.50	1.70	0.030	0.025	0.05	0.12	0.02	0.05	0.30	0.80	0.20	0.55	0.025
S420ML	1.8836				0.025	0.020									
S460M	1.8827	0.16	0.60	1.70	0.030	0.025	0.05	0.12	0.02	0.05	0.30	0.80	0.20	0.55	0.025
S460ML	1.8838				0.025	0.020									

歐盟標準 European Standard

改進型耐大氣腐蝕結構鋼交貨技術條件 Technical delivery conditions for structural steels with improved atmospheric corrosion resistance

BS EN 10025-5: 2019(E)

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm ²)						抗拉強度 Tensile Strength N/mm ²			試件方向 Position of Test Pieces	延伸率 Elongation 不少於 Min. (%)						
	厚度 Thickness (t) (mm)						厚度 Thickness (t) (mm)				Lo = 80mm			Lo = 5.65√ So			
											厚度 Thickness (t) (mm)			厚度 Thickness (t) (mm)			
	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤100	100<t≤150	t<3	3≤t≤100	100≤t≤150		1.5<t≤2	2<t≤2.5	2.5<t<3	3≤t≤40	40<t≤63	63<t≤100	100<t≤150
S 235 J0W	235	225	215	215	215	195	360-510	360-510	350-500	1	19	20	21	26	25	24	22
S 235 J2W										t	17	18	19	24	23	22	22
S 355 J0WP	355	345	—	—	—	—	510-680	470-630	—	1	16	17	18	22	—	—	—
S 355 J2WP										t	14	15	16	20	—	—	—
S 355 J0W	355	345	335	325	315	295	510-680	470-630	450-600	1	16	17	18	22	21	20	18
S 355 J2W										—	—	—	—	—	—	—	—
S 460 K2W										t	14	15	16	20	19	18	18

等級 Grade	溫度 Temp (°C)	能量 Energy (J) 不少於 Min.	化學成份 Chemical Composition 不大於 Max. (%)								
			氧化方法 Method of Deoxidation	C	Si	Mn	P	S	N	Cr	Cu
S 235 J0W	0	27	FN	0.13	0.40	0.20-0.60	max.0.035	0.035	0.009	0.40-0.80	0.25-0.55
S 235 J2W	-20	27	FF	0.13	0.40	0.20-0.60	max.0.035	0.030	—	0.40-0.80	0.25-0.55
S 355 J0WP	0	27	FN	0.12	0.75	max.1.0	0.06-0.15	0.035	0.01	0.30-1.25	0.25-0.55
S 355 J2WP	-20	27	FF	0.12	0.75	max.1.0	0.06-0.15	0.030	—	0.30-1.25	0.25-0.55
S 355 J0W	0	27	FN	0.16	0.50	0.50-1.50	max.0.035	0.035	0.01	0.40-0.80	0.25-0.55
S 355 J2W	-20	27	FF	0.16	0.50	0.50-1.50	max.0.030	0.030	—	0.40-0.80	0.25-0.55
S 460 K2W	-20	40	FF	0.16	0.50	0.50-1.50	max.0.030	0.030	—	0.40-0.80	0.25-0.55

等級 Grade	質量 Quality	化學成分 Chemical Composition 不大於 Max. (%)														
		C	Si	Mn	P	S	N	B	Cr	Cu	Mo	Nb	Ni	Ti	V	Zr
All grades 所有等級	no symbol 無標誌	0.20	0.80	1.70	0.025	0.015	0.015	0.0050	1.50	0.50	0.70	0.06	2.0	0.05	0.12	0.15
	no symbol				0.020	0.010										
	no symbol				0.020	0.010										

歐盟標準 European Standard

熱軋結構鋼製品 - 第6部分 - 調質高屈服強度結構鋼扁平材交貨技術條件

Hot-rolled structural steel - Part 6 - Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition

EN10025-6: 2019

鋼牌號 Designation		標稱產品的最大碳當量值 Maximum Carbon Equivalent Value for Nominal Product (%)		
According EN 10027-1 and CR 10260	According EN 10027-2	厚度 Thickness (t) (mm)		
		t ≤ 63	63 < t ≤ 100	100 < t ≤ 250
S460Q	1.8908			
S460QL	1.8906	0.47	0.48	0.50
S460QL1	1.8916			
S500Q	1.8924			
S500QL	1.8909	0.47	0.70	0.70
S500QL1	1.8984			
S550Q	1.8904			
S550QL	1.8926	0.65	0.77	0.83
S550QL1	1.8986			
S620Q	1.8914			
S620QL	1.8927	0.65	0.77	0.83
S620QL1	1.8987			
S690Q	1.8931			
S690QL	1.8928	0.65	0.77	0.83
S690QL1	1.8988			
S890Q	1.8940			
S890QL	1.8983	0.72	0.82	—
S890QL1	1.8925			
S960Q	1.8941			
S960QL	1.8933	0.82	—	—

歐盟標準 European Standard

熱成型微晶非合金結構鋼管 Hot finished structural hollow section of non-alloy and fine grain steels

BS EN 10210-1: 2006

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm ²)						抗拉強度 Tensile Strength N/mm ²			延伸率 Elongation 不少於 Min. (%)				衝擊測試 Impact Test 不少於 Min. Energy (J)		
	厚度 Thickness (t) (mm)						厚度 Thickness (t) (mm)			厚度 Thickness (t) (mm)				測試溫度 Test Temperature		
	t≤16	16<t≤40	40<t≤63	63<t≤80	80<t≤100	100<t≤120	t≤3	3<t≤100	100<t≤120	t≤40	40<t≤63	63<t≤100	100<t≤120	-20°C	0°C	20°C
S 275 J0H	275	265	255	245	235	225	430-580	410-560	400-540	23	22	21	19	—	27	—
S 275 J2H	275	265	255	245	235	225	430-580	410-560	400-540	23	22	21	19	27	—	—
S 355 J0H	355	345	335	325	315	295	510-680	470-630	450-600	22	21	20	18	—	27	—
S 355 J2H	355	345	335	325	315	295	510-680	470-630	450-600	22	21	20	18	27	—	—

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)							碳當量值 Carbon Equivalent Value 不大於 Max. (%)			
	C		Si	Mn	P	S	N	厚度 Thickness (t) (mm)			
	厚度 Thickness (t) (mm)							厚度 Thickness (t) (mm)			
	t≤40	40<t≤120						t≤16	16<t≤40	40<t≤65	65<t≤120
S 275 J0H	0.20	0.22	—	1.50	0.035	0.035	0.009	0.41	0.43	0.45	0.48
S 275 J2H	0.20	0.22	—	1.50	0.030	0.030	—	0.41	0.43	0.45	0.48
S 275 J0H	0.22	0.22	0.55	1.60	0.035	0.035	0.009	0.45	0.47	0.50	0.53
S 355 J2H	0.22	0.22	0.55	1.60	0.030	0.030	—	0.45	0.47	0.50	0.53

冷成型微晶非合金結構鋼管 Cold formed welded structural hollow sections of non-alloy and fine grain steels

BS EN 10219-1: 2006

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)		抗拉強度 Tensile Strength N/mm²		延伸率 Elongation 不少於 Min. (%)	衝擊測試 Impact Test 不少於 Min.Energy (J)			化學成分 Chemical Composition 不大於 Max. (%)						碳當量值 Carbon Equivalent Value 不大於 Max. (%)
	厚度 Thickness (t) (mm)					測試溫度 Test Temperature			C	Si	Mn	P	S	N	厚度 Thickness (t) (mm)
	t≤16	16<t≤40	t<3	3≤t≤40	t≤40	-20℃	0℃	20℃							t≤40
S 275 J0H	275	265	430 - 580	410 - 560	20	—	27	—	0.20	—	1.50	0.035	0.035	0.009	0.40
S 275 J2H	275	265	430 - 580	410 - 560	20	27	—	—	0.20	—	1.50	0.030	0.030	—	0.40
S 355 J0H	355	345	510 - 680	470 - 630	20	—	27	—	0.22	0.55	1.60	0.035	0.035	0.009	0.45
S 355 J2H	355	345	510 - 680	470 - 630	20	27	—	—	0.22	0.55	1.60	0.030	0.030	—	0.45

歐盟標準 European Standard

細晶粒高強度鋼 Fine grain high-strength steel

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm ²)	抗拉強度 Tensile Strength N/mm ²	縱向延伸率 Longitudinal Elongation 不少於 Min. (%)	縱向衝擊值 Longitudinal Impact Value 能量 Energy 不少於 Min.(J)					等效鋼號 Equivalent Steel Grades ^①
				溫度 Temp(°C)					
				-20	-30	-40	-50	-60	
690*	690	770~960	16	—	—	40	—	—	FGS70V S690QL
690 ImpactFIT 40	690	770~960	16	—	—	45	—	—	SG69Q
690 ImpactFIT 50 ^①	690 (650 if 16<t≤20)	700~960	14	—	—	—	27	—	S690G5QL
700*	700 (690 if 12<t≤20)	770~960	16	—	—	—	—	40	FGS70CV FGP70CVT S690QL1
700 ImpactFIT 40	700 (690 if 12<t≤20)	770~960	16	—	—	45	—	—	FGS70WV S690G5QL
700 ImpactFIT 60	700 (690 if 12<t≤20)	770~960	16	—	—	—	—	40	FGS70CWV S690G2QL1
700 TempFIT 300	700 (690 if 12<t≤20) 510 at +300°C	770~960 620~960 at +300°C	16	—	—	—	—	40	FGP70CWV P690G1QL1
700 TempFIT 400*	700 (690 if 12<t≤20) 490 at +400°C	770~960 630~960 at +400°C	16	—	—	—	—	40	FGP70CVW P690QH
770*	770 (750 if 12<t≤20)	820~1000	15	—	—	40	—	—	FGS78V S770QL
780 ImpactFIT 40	780 (770 if 12<t≤20)	820~1000	15	—	—	45	—	—	FGS78WV S770G1QL
790*	790	850~1030	15	—	—	—	—	40	FGS80V S790QL1
800 ImpactFIT 40 ^②	800 (790 if 12<t≤20)	850~1030	15	—	—	40	—	—	FGS80WV S790QL
890*	890	960~1110	14	—	—	—	—	30	FGS90CV S890QL1
890 ImpactFIT 50 ^③	890 (850 if 16<t≤20)	960~1110	14	—	—	—	27	—	SG89Q
900 ImpactFIT 40 ^②	900 (890 if 12<t≤20)	960~1110	14	—	—	45	—	—	FGS90WV S890G1QL
960 ImpactFIT 40	960	980~1150	10	—	—	27	—	—	FGS100WV S90G1QL

①這個對比受不再使用的製造商規範或依據歐洲法規的當前編目的影響。

t: 標稱壁厚，單位mm。

①This comparison has been effected with manufacturers' specifications no longer in use or with current codifications according to the European regulations.

t: nominal tube wall thickness in mm.

歐盟標準 European Standard

細晶粒高強度鋼 Fine grain high-strength steel

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)													
	C	Si	Mn	P	S	Cr	Mo	Ni	W	V	Al	N	Ti	Nb
690*	0.20	0.15-0.50	1.70	0.025	0.015	1.00	0.30-0.45	0.30-0.70	—	0.12	—	0.015	0.05	0.05
690 ImpactFIT 40	0.14-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.80	0.20-0.40	0.40	0.10~0.35	0.05-0.12	0.015-0.050	0.020	0.05	0.05
690 ImpactFIT 50 ^①	0.20	0.60	1.70	0.025	0.015	1.50	0.70	1.50	1.50	0.14	0.060	0.020	0.05	0.05
700*	0.15	0.10-0.50	1.40	0.020	0.010	0.40-0.60	0.20-0.60	1.00-1.50	—	0.10	—	0.015	0.05	0.05
700 ImpactFIT 40	0.14-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.80	0.20-0.40	0.40	0.10-0.70	0.05-0.12	0.015-0.050	0.020	0.05	0.05
700 ImpactFIT 60	0.14-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.80	0.20-0.40	0.40	0.10-0.70	0.05-0.12	0.015-0.050	0.020	0.05	0.05
700 TempFIT 300	0.14-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.80	0.20-0.40	0.40	0.10-0.70	0.05-0.12	0.015-0.050	0.020	0.05	0.05
700 TempFIT 400*	0.15	0.10-0.50	1.40	0.020	0.010	0.40-0.60	0.20-0.60	1.00-1.50	—	0.10	—	0.015	0.05	0.05
770*	0.20	0.20-0.50	1.20-1.70	0.025	0.015	0.50	0.20-0.50	0.50-1.20	—	0.12	—	0.020	—	0.05
780 ImpactFIT 40	0.14-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.80	0.20-0.40	0.40	0.10-0.70	0.05-0.12	0.015-0.050	0.020	0.05	0.05
790*	0.18	0.20-0.50	1.20-1.70	0.020	0.010	0.40-1.00	0.20-0.50	0.50-1.70	—	0.10	—	0.020	—	0.05
800 ImpactFIT 40 ^②	0.10-0.18	0.20-0.50	1.20-1.70	0.025	0.015	0.40-0.90	0.20-0.50	0.40	0.10-0.80	0.03-0.12	0.015-0.050	0.020	0.05	0.06
890*	0.18	0.20-0.50	1.60	0.020	0.010	0.50-0.80	0.20-0.70	1.00-1.70	—	0.10	—	0.020	—	0.05
890 ImpactFIT 50 ^③	0.18	0.50	1.50	0.020	0.010	0.90	0.50	0.40	1.50	0.08	0.050	0.020	0.05	0.06
900 ImpactFIT 40 ^②	0.14-0.18	0.20-0.50	1.20-1.70	0.020	0.010	0.40-0.90	0.30-0.70	0.40	0.40-0.80	0.03-0.12	0.015-0.050	0.020	0.05	0.06
960 ImpactFIT 40	0.20	0.50	1.20-1.70	0.020	0.010	0.40-1.00	0.30-1.00	0.40	0.40-1.50	0.02	—	0.025	0.03	0.05

* Cu ≤ 0.25%; B ≤ 0.005%.
①Cu ≤ 0.50%; B ≤ 0.0008%; Zr ≤ 0.15%; if Cu>0.30% the Ni content must be at least half the content of Cu.
②Cu ≤ 0.30%.
③Cu ≤ 0.35%; B ≤ 0.0008%; Zr ≤ 0.15%.

歐盟標準 European Standard

冷成型高屈強度鋼熱軋製的扁平鋼產品 - 第2部分 - 熱機械軋製鋼的交付狀態

Hot-rolled flat products made of high yield strength steels for cold forming - Part 2 - Delivery conditions for thermomechanically rolled steels

BS EN 10149-2: 1996

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)	抗拉強度 Tensile Strength N/mm²	延伸率 Elongation 不少於 Min. (%)		衝擊測試 Impact Test		180°折彎彎心直徑 Bending at 180° Minimum Mandrel Diameter
			Lo = 80mm	Lo = 5.65√ So	溫度 Temp(°C)	能量 Energy 不少於 Min.(J)	
			Thickness<3mm	Thickness≥3mm	Thickness≥6mm		
S315MC	315	390-510	20	24	-20	40	0t
S355MC	355	430-550	19	23	-20	40	0.5t
S420MC	420	480-620	16	19	-20	40	0.5t
S460MC	460	520-670	14	17	-20	40	1t
S500MC	500	550-700	12	14	-20	40	1t
S550MC	550	600-760	12	14	-20	40	1.5t
S600MC	600	650-820	11	13	-20	40	1.5t
S650MC	650	700-880	10	12	-20	40	2t
S700MC	700	750-950	10	12	-20	40	2t

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)										
	C	Mn	Si	P	S	Al _{total}	Nb	V	Ti	Mo	B
	max	max	max	max	max	min	max	max	max	max	max
S315MC	0.12	1.30	0.50	0.025	0.020	0.015	0.09	0.20	0.15	N/A	N/A
S355MC	0.12	1.50	0.50	0.025	0.020	0.015	0.09	0.20	0.15	N/A	N/A
S420MC	0.12	1.60	0.50	0.025	0.015	0.015	0.09	0.20	0.15	N/A	N/A
S460MC	0.12	1.60	0.50	0.025	0.015	0.015	0.09	0.20	0.15	N/A	N/A
S500MC	0.12	1.70	0.50	0.025	0.015	0.015	0.09	0.20	0.15	N/A	N/A
S550MC	0.12	1.80	0.50	0.025	0.015	0.015	0.09	0.20	0.15	N/A	N/A
S600MC	0.12	1.90	0.50	0.025	0.015	0.015	0.09	0.20	0.22	0.50	0.005
S650MC	0.12	2.00	0.60	0.025	0.015	0.015	0.09	0.20	0.22	0.50	0.005
S700MC	0.12	2.10	0.60	0.025	0.015	0.015	0.09	0.20	0.22	0.50	0.005

歐盟標準 European Standard

冷成型用的高屈服點鋼熱軋扁鋼產品 - 第3部分 - 正火鋼和正火軋製鋼的交付狀態
Hot-rolled flat products made of high yield strength steels for cold forming - Part 3 -Delivery conditions for normalized or normalized rolled steels
BS EN 10149-3: 1996

等級 Grade	屈服強度 Yield Strength 不少於 Min. (N/mm²)	抗拉強度 Tensile Strength N/mm²	延伸率 Elongation 不少於 Min. (%)		衝擊測試 Impact Test		180°折彎彎心直徑 Bending at 180° Minimum Mandrel Diameter
			Lo = 80mm	Lo = 5.65√So	溫度 Temp(°C)	能量 Energy 不少於 Min.(J)	
			Thickness<3mm	Thickness≥3mm	Thickness≥6mm		
S260NC	260	370-490	24	30	-20	40	0t
S315NC	315	430-550	22	27	-20	40	0.5t
S355NC	355	470-610	20	25	-20	40	0.5t
S420NC	420	530-670	18	23	-20	40	0.5t

等級 Grade	化學成分 Chemical Composition 不大於 Max. (%)								
	C	Mn	Si	P	S	Al _{total}	Nb	V	Ti
	max	max	max	max	max	min	max	max	max
S260NC	0.16	1.20	0.50	0.025	0.020	0.015	0.09	0.10	0.15
S315NC	0.16	1.40	0.50	0.025	0.020	0.015	0.09	0.10	0.15
S355NC	0.18	1.60	0.50	0.025	0.015	0.015	0.09	0.10	0.15
S420NC	0.20	1.60	0.50	0.025	0.015	0.015	0.09	0.10	0.15

英國標準及歐洲標準的比較

Steel Grade Comparison Between BS 4360:1986 and EN 10025:1993

British Standard BS 4360:1986				European Standard EN 10025:1993					二者相同 Both	
等級 Grade	抗拉強度 Tensile Strength N/mm²	屈服強度 Yield Strength 不少於 Min. (N/mm²)		等級 Grade	抗拉強度 Tensile Strength N/mm²		屈服強度 Yield Strength 不少於 Min. (N/mm²)		衝擊測試 Impact Test	
		厚度 Thickness (t) (mm)			厚度 Thickness (t) (mm)				溫度 Temp(°C)	能量 Energy(J)
		t≤16	16<t≤40		t<3	3<t<100	t<16	16<t<40		
43A 43B 43C 43D	430-580	275	265	S 275 S 275 JR S 275 J0 S 275 J2G3	430-580	410-560	275	265	— 20 0 -20	— 27 27 27
50A 50B 50C 50D	490-640	355	345	S 355 S 355 JR S 355 J0 S 355 J2G3	510-680	490-630	355	345	— 20 0 -20	— 27 27 27

EN 10025 衝擊測試中的27J能量最大厚度可達150mm。

延伸率數據請參考個別標準。

Impact Test Energy 27J for EN 10025 can up to maximum thickness of 150mm.

For Elongation data, please refer to individual standard.

國際標準對應表(僅供參考)

List of Corresponding International Standard (For Reference only)

歐標 EN 10025	英國 U.K.	法國 France	德國 Germany	葡萄牙 Portugal	西班牙 Spain	中國 China	美國 U.S.A	日本 Japan
S 235 JR S 235 JRG2 S 235 J0 S 235 J2G3	40B 40C 40D	E24-2 E24-3 E24-4	St37-2 St37-2 St37-3U St37-3N	Fe360-B Fe360-C Fe360-D	AE235 B-FN AE235C AE235D	Q255-A Q255-B	A36	55400
S 275 S 275 JR S 275 J0 S 275 J2G3	43A 43B 43C 43D	E25-2 E28-3 E28-4	St44-2 St44-3U St44-3N	Fe430-B Fe430-C Fe430-D	AE275B AE275C AE275D	Q275 50B 50C 50D	A512 G42 A572 G50	55490
S 355 JR S 355 J0 S 355 J2G3	50B 50C 50D	E36-2 E36-3	St52-3U St52-3N	Fe510-B Fe510-C Fe510-D	AE355B AE355C AE355D	50B 50C 50D	A992 G50	