ISO-9001:2008 Quality Assured Firm

金氏鋼鐵股份有限公司
KINGTECH STEEL INDUSTRIAL CO.,LTD.

金氏集團
KIN'S GROUP
STEEL.TELECOM.ENGINEERING.TRADE

金氏格子板
KINGTECH GRATING

ISO-9001&OHSAS證書

金氏集團通過 ISO-9001 認證

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

King's Group
(King's Telecom & Technology Co., Ltd.)
12F
No. 129, Chung Cheng 3rd Rd.
Kaohsiung
Taiwan

金氏科訊股份有限公司
台灣
高雄市
新興區
中正三路129號
12樓

Holds Certificate No: FM 56504

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design, manufacture, installation and commissioning of electrical/ mechanical facilities including power distribution unit, plating rack, communication container, tower and hot dip galvanizing products for the base station of mobile cellular system and telecommunication engineering.

For and on behalf of BSI:

Managing Director BSI Taiwan, Dr. Yi Min Gao

Originally registered: 27/10/2000 | Latest Issue: 14/10/2009 | Expiry Date: 13/10/2012

Page: 1 of 2

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

King's Group
No. 471, Hou Shan Road
Dashuw
Kaohsiung County
Taiwan

金氏集團
台灣
高雄縣
大樹鄉
和山村(路)471號

Holds Certificate No: FM 37721

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The manufacture of hot dip galvanizing grating, communication container, power distribution unit, plating rack and hot dip galvanizing products.

For and on behalf of BSI:

Managing Director BSI Taiwan, Dr. Yi Min Gao

Originally registered: 08/09/1997 | Latest Issue: 14/10/2009 | Expiry Date: 13/10/2012

Page: 1 of 3

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

This is to certify that:

King's Group
(Kingtech Steel Industrial Co., Ltd.)
No. 168, Shei Qian Road
Jen Wu
KaoHsiung County
Taiwan

金氏鋼鐵股份有限公司
台灣
高雄縣
仁武鄉
水管路168號

Holds Certificate No: OHS 514044

and operates an Occupational Health and Safety Management System which complies with the requirements of OHSAS 18001:1999 for the following scope:

The manufacture of grating.

For and on behalf of BSI:

Managing Director BSI Taiwan, Dr. Yi Min Gao

Originally registered: 03/02/2007 | Latest Issue: 03/02/2007 | Expiry Date: 02/02/2010

Page: 1 of 2

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.
An electronic certificate can be authenticated online.
Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +886 (02)2656-0333.

Taiwan Headquarters: 5th Floor, No.39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
BSI Taiwan is a subsidiary of British Standards Institution.

BSI Management Systems

Certificate No: OHS 514044

Location	Registered Activities
King's Group (Kingtech Steel Industrial Co., Ltd.) No. 168, Shei Qian Road Jen Wu KaoHsiung County Taiwan 金氏鋼鐵股份有限公司 台灣 高雄縣 仁武鄉 水管路168號	The manufacture of grating.

Originally registered: 03/02/2007 | Latest Issue: 03/02/2007 | Expiry Date: 02/02/2010

Page: 2 of 2

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ISO-9001:2008 Quality Assured Firm
金氏集團 KIN'S GROUP

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台北辦事處
地址:新北市蘆洲區水湳街64號14F
電話:(02)27533611
傳真:(02)27690013

索引 INDEX

公司沿革

History of Company

金隆興企業社始於1974年創立，30餘年來歷經之艱辛，波瀾不計其數，幸賴全體同仁努力下，不斷地追求突破，積極發展，於1980年再創飛益企業有限公司，直至1992年著眼於鋼構工程之蓬勃發展另設立金氏鋼鐵股份有限公司，專業生產格子板，至此已建立一完整的生產體系。

本公司自設立以來，及秉持著「以前瞻的理念，經營今日的企業」努力拓展多角化產品的製造、行銷及服務，事事求真、追求完美，在管理上更重視人性及專業管哩，苛求品質、重視客戶，並一本求新求變的經營方針，追求企業的成長。

面對100年代新的挑戰，今後之金隆興將以活絡實力、活力及潛力，朝向〝管理科學化、經營合理化〞的目標邁進，期我同仁為共成百年豐厚，策勵奮進。

K.L.S. Industriaj Co.was established in 1974. During the thirty years of operation,there were many obstacles and difficulties in front of us. Even though, our staff were endeavoring to develop our business. In 1980, Feiyih Industrial CO.,LTD.was set up. In 1992,KINGTECH Steel Industrial CO.,LTD. which specializes in porducing gratings was established due to the prosperous development of steel construction. Up to now, a complete production system has been established by us.

Since the beginning of our business, we follow the policy of 〝operating today's business with a perspective view〞 to develop diverse production, marketing and service. We value perfect work, humanized and professional management,quality as well as our clients very much. Furthermore,We never giveup pursuing the growth of our business and adjusting our policy to make this enterprise better.

Facing the challenge in the hundreds, K.L.S. will step towards to the goals of scientific management and reasonable operation with its energy and potential. We expect that we can build a successful long-term business.

ISO-9001 授證典禮

ISO-9001Certificate Awarding Ceremony

授證典禮

員工全體照

公司概況

Brief of Company

公司名稱：金氏鋼鐵股份有限公司
關係企業：金隆興科技股份有限公司
飛益企業股份有限公司
金氏科訊股份有限公司
金氏營造股份有限公司
金水紅貿易股份有限公司
越南金氏格子板有限公司(含鍍鋅廠)
金海電訊有限公司(越南)
北京金隆興科技有限公司
天津金津旺金屬工業有限公司
廠房面積：27,000平方公尺
員工人數：168人
資本額：新台幣一億二仟萬元
主要生產項目及產能：
格柵板　不鏽鋼格柵板
工廠建造　通訊設備
鋼結構工程　光電廠專用格柵板

company name:
KINGTECH STEEL INDUSTRIAL CO. , LTD,
Area of plant: 27.000 S. M.
Number of employee: 168
Capital Amount: NT$120,000,000
Main product and productivity:
- Grating
- Stainless Grating
- Factory Construction
- Communcation Container and Power system
- Steel Structure
- Clean room Grating

仁 武 廠


總公司大樹廠

工廠全景

熱浸鍍鋅

全自動電阻熔接機

下料、裁切

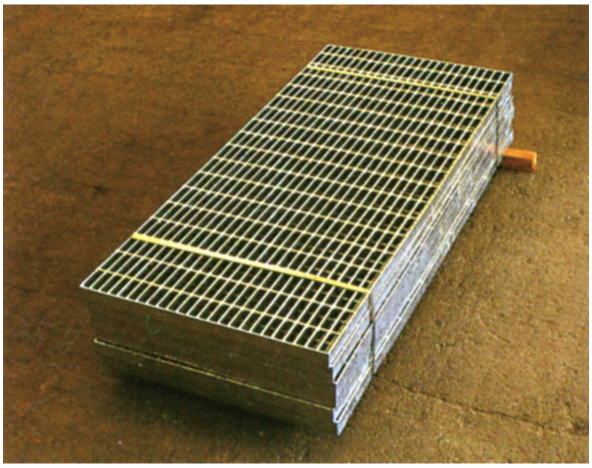
封邊、去毛邊

尺寸檢驗

格柵板應用實例

Applications of Grating

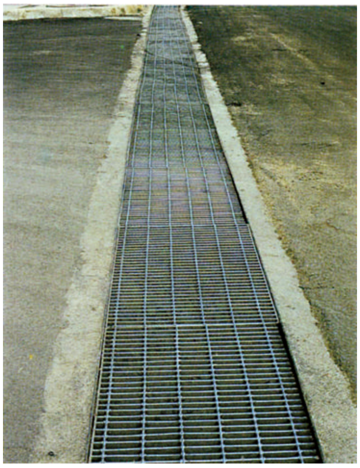
火力發電廠地板及樓梯踏板
Flooring and stair treads of power plant
化工、鋼鐵廠、各式工廠之地板及樓梯踏板
Flooring and stair treads, trench of Iron /steel/ petrochemical etc. plant
船舶甲板及機艙
Engine room and Deck of ship
橋樑及塔槽、高塔及建築物
Bridge, towers, structures, etc.
道路工程及水溝
road Construction, side trench Covers, etc.



格子板

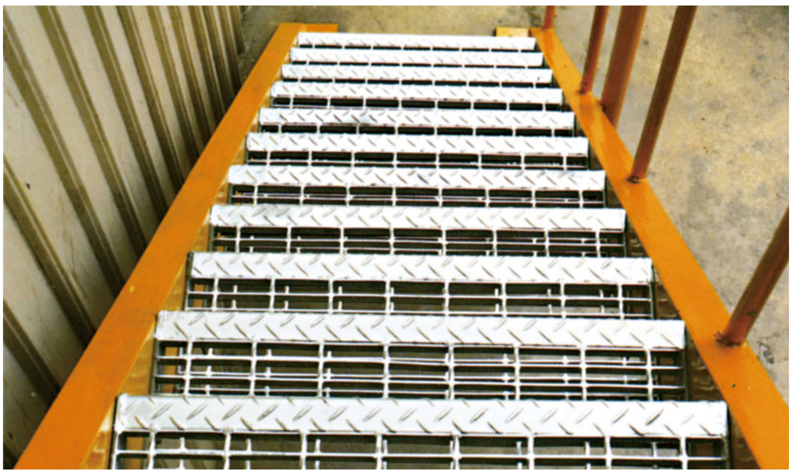
格子板應用

台北市街道

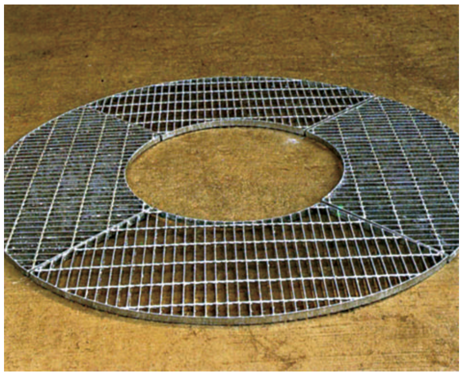


基隆市街道

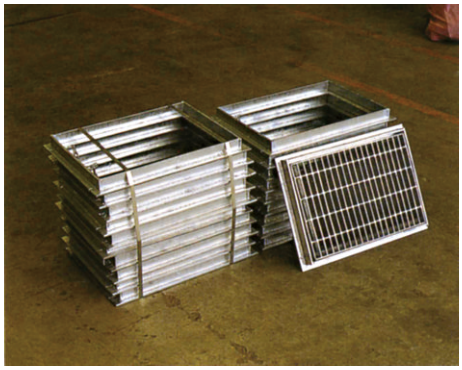
台中火力發電廠



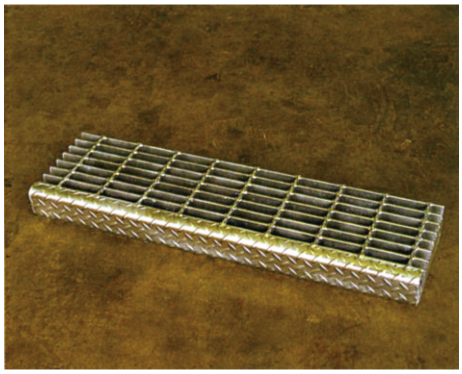
高雄縣廠房



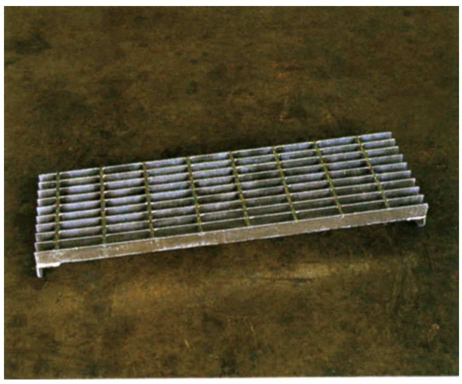
扇形格子板



集水井蓋板



樓梯踏板



樓梯踏板

格柵板之優點

Advantage of Grating

1.堅固、質輕
2.透光性、通風性佳
3.防滑、安全
4.外觀美麗
5.易安裝及維修
6.機械性能佳、防腐蝕性高
7.經濟性

1.Strong, Light weight
2.Excellent light admission and ventilation
3.Non slip and safe
4.Good Appearance
5.Easy installing and maintenance
6.Good mechanic and Rust preventive
7.Economical

高雄市電信局

台北捷運

林園石化廠

奇美石化廠

奇美石化廠

格柵圍牆

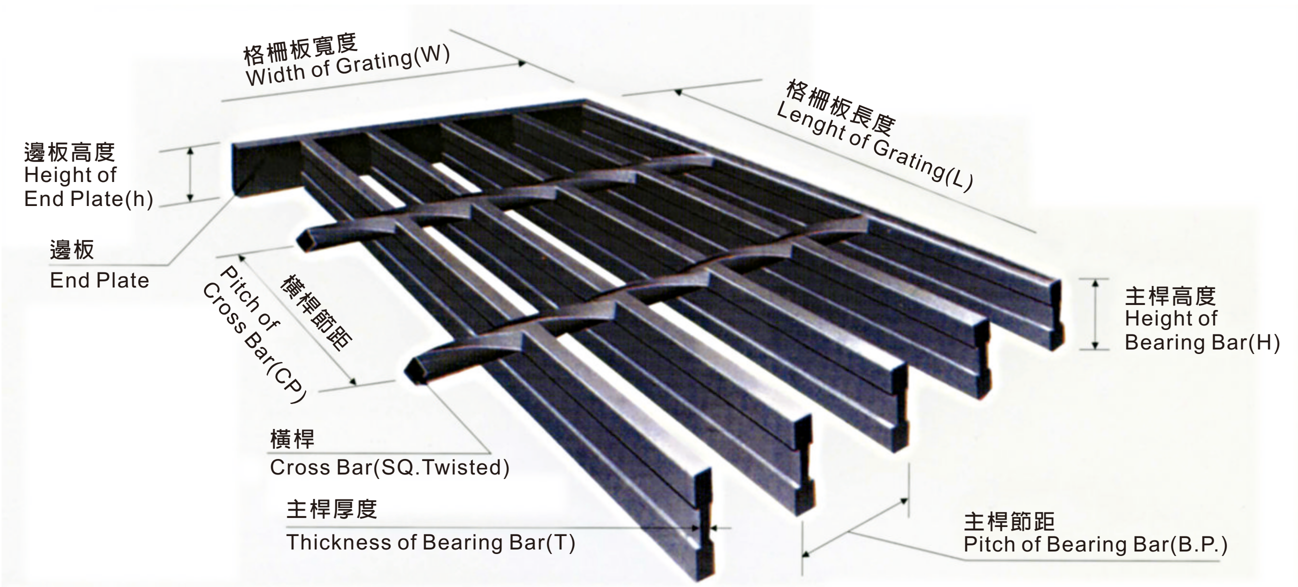
台中火力發電廠

奇美石化廠

高雄縣石化廠

格柵板之構造

Composition of Grating



格柵板構成鋼材諸元 (Size of Main members)　　材質: SS 400 或 A36

主　桿 (Bearing Bar)

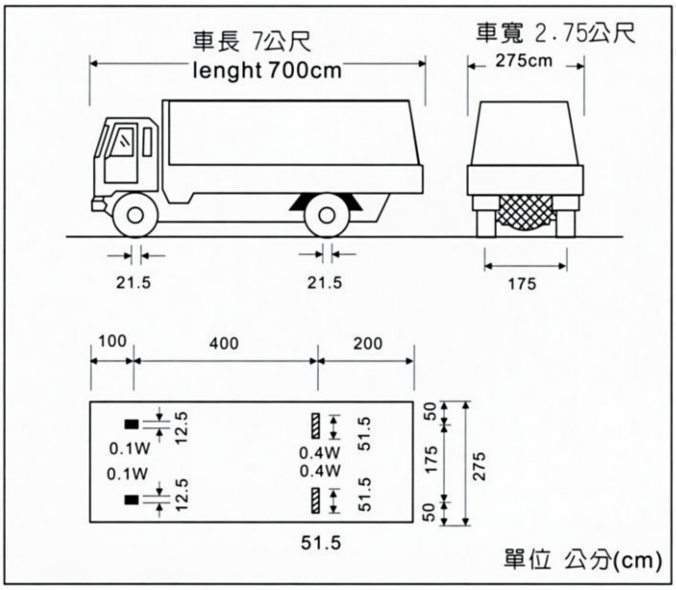
	扁鐵尺寸 Size of Bearing Bar(mm)	慣性矩 Moment of Inertia I(cm⁴)	斷面係數 Section Modulus Z(cm³)	單位重量 Unit Weight (kg/m)	扁鐵尺寸 Size of Bearing Bar(mm)	慣性矩 Moment of Inertia I(cm⁴)	斷面係數 Section Modulus Z(cm³)	單位重量 Unit Weight (kg/m)
扁鋼	F-19*4.5	0.258	0.271	0.671	F-44*6.0	4.259	1.936	2.070
扁鋼	F-25*3.0	0.391	0.313	0.589	F-45*4.5	3.417	1.519	1.590
扁鋼	F-25*4.5	0.586	0.469	0.883	F-45*6.0	4.556	2.025	2.120
扁鋼	F-25*6.0	0.781	0.626	1.180	F-50*4.5	4.688	1.875	1.770
扁鋼	F-32*3.0	0.819	0.512	0.754	F-50*6.0	6.250	2.500	2.360
扁鋼	F-32*4.5	1.229	0.768	1.130	F-65*4.5	10.298	3.169	2.297
扁鋼	F-32*5.0	1.365	0.853	1.265	F-65*6.0	13.731	4.225	3.060
扁鋼	F-32*6.0	1.368	1.042	1.510	F-75*4.5	15.820	4.219	2.650
扁鋼	F-38*3.0	1.370	0.722	0.895	F-75*6.0	21.094	5.652	3.530
扁鋼	F-38*4.5	2.060	1.080	1.340	F-90*4.5	27.338	6.075	3.180
扁鋼	F-38*5.0	2.286	1.203	1.495	F-90*6.0	36.450	8.100	4.240
扁鋼	F-38*6.5	2.744	1.444	1.790	F-100*4.5	37.550	7.500	3.533
扁鋼	F-44*4.5	3.194	1.452	1.550	F-100*6.0	50.000	10.000	4.710
I型扁鋼	1-38*5*3	2.083	1.096	1.130	1-50*7*4	6.432	2.573	1.980
I型扁鋼	1-50*5*3	4.609	1.844	1.480	1-65*7*4	13.960	4.295	2.550
I型扁鋼					1-75*7*4	21.387	5.703	2.960

橫　桿 (Cross Bar)

斷面形狀 Section	尺　寸 Size(mm)	重　量 Weight(kg/m)	斷面形狀 Section	尺　寸 Size(mm)	重　量 Weight(kg/m)
■	6*6	0.283	●	6	0.222
	8*8	0.502		8	0.395
	10*10	0.785		10	0.617

格柵板強度計算舉例

Strength Calculation of Grating



在此所提之機動車輛與人行道尺寸係為參考公路橋樑之規格

格柵板強度計算舉例：

(1)一般用測蓋溝

後輪荷重：P=8000kg(T-20)

接地面積：a(21.5cm)xb(51.5cm)

衝擊點數：i=0

支點間距離：L=30cm(溝寬)

容許應力：δb≒18kgf/mm^2

進行方向：與主桿垂直方向

主桿節距：3.0cm

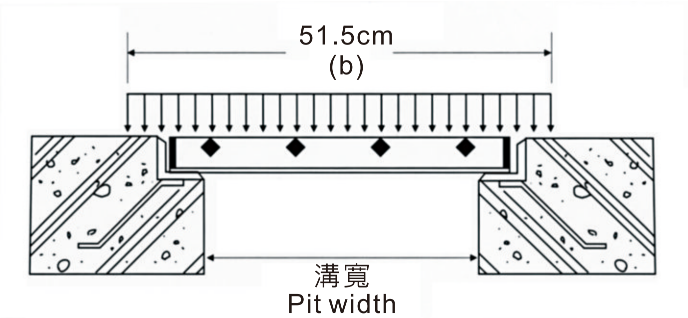
荷重所分布之主桿數：n=(a21.5cm/3.0cm)+1支=8支

主桿之斷面係數：z=2.5m^{3}型式FB 50*6

$$\text{應力：}\sigma=\frac{P*(L/b)*L}{8*n*Z}$$

$$=\frac{8000*(30/51.5)*30}{8*8*2.5}$$

$$=874≒8.74\text{kgf/mm}^2<\sigma b$$



(2)一般用固定橫斷蓋溝

後輪荷重：P=5600kg(T-14)

接地面積：a(21.5cm)xb(51.5cm)

衝擊係數：i=0.4

支點間距離：L=35cm(溝寬+5cm)

容許應力：δb≒16kgf/mm^2

進行方向：與主桿平行方向

主桿節距：3.0cm

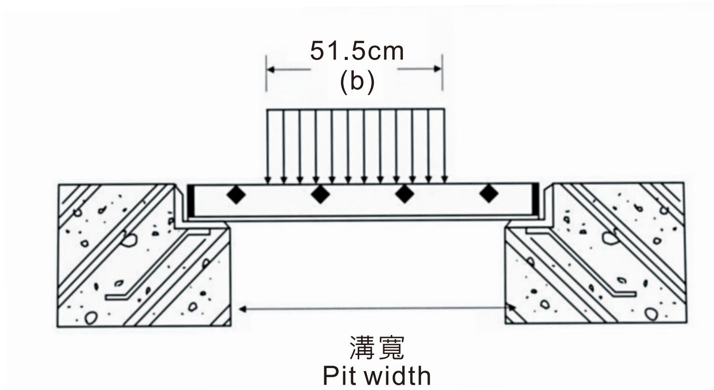
荷重所分布之主桿數：n=(b51.5cm/3.0cm)+1支=8支

主桿之斷面係數：z=2.5m3型式FB 50*6

$$\text{應力：}\sigma=\frac{P*(1+1i)*(2L-a)}{8*n*Z}$$

$$=\frac{5600*(1+0.4)*(2*35-21.5)}{8*8*2.5}$$

$$=1056≒10.6\text{kgf/mm}^2<\sigma b$$



(3)人行道用標準型

承重桿FB-19

負載：500kg/m^2

衝力：i=0

間隔：L=30cm(溝寬)

承重桿節距：3.0cm

輪胎接觸面積慣性距：I=1.715cm4

荷重：W=500/10000cm^2*3cm*30cm=4.5kg

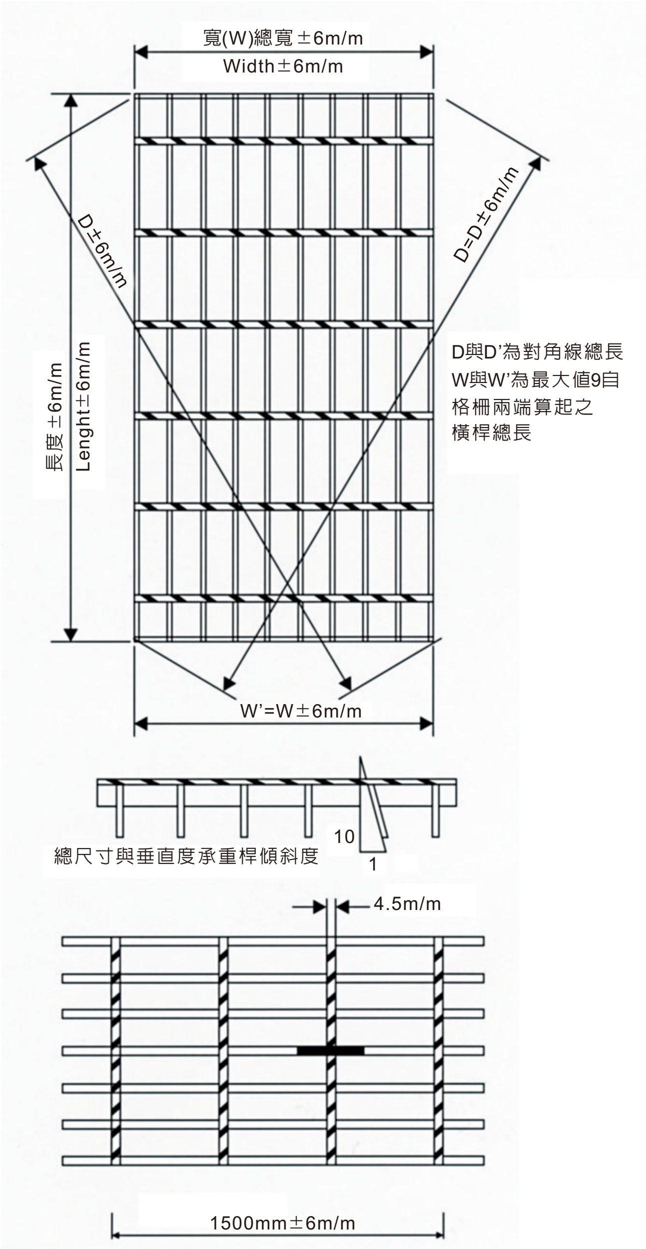
$$\text{撓度}(\delta)=\frac{5*w*L^3}{384*E*I}=\frac{5*4.5kg*(30)^3cm^3}{384*2.1*10^6kg/cm^2*2.064mm^4}$$

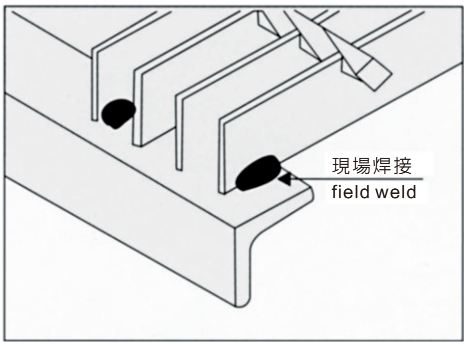
=0.04mm

格柵板安裝與各部製造公差

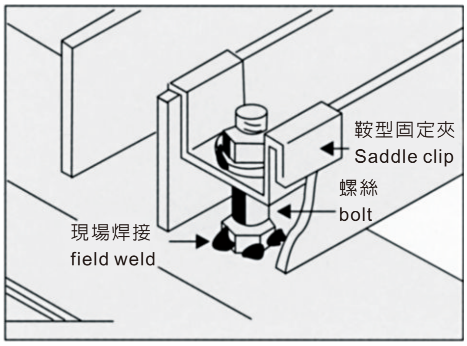
Tolerances and Installing Method

依據美國全國建築金屬同業公會(NAAMM)規格，在此所給予之尺寸均為最大容許公差

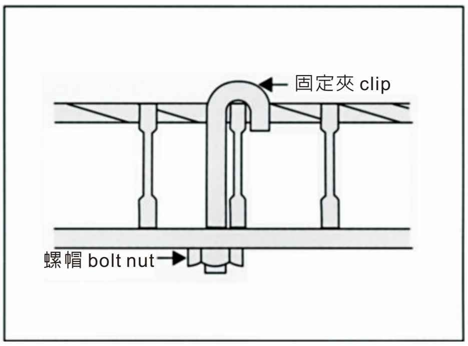




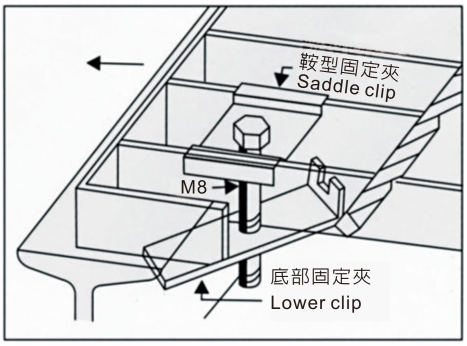
1.現場焊接法



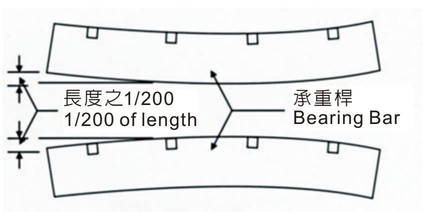
2.固定夾安裝法



3.螺栓固定法

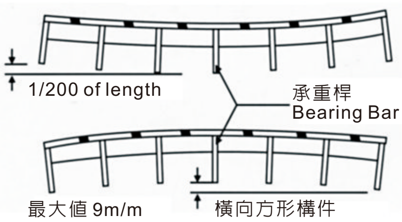


4.兩片式固定夾安裝法



縱向翹區弓形最大公差
Deflection tolerance

橫桿較整與間距



橫向翹區弓形最大公差

格柵板各部安裝間隙

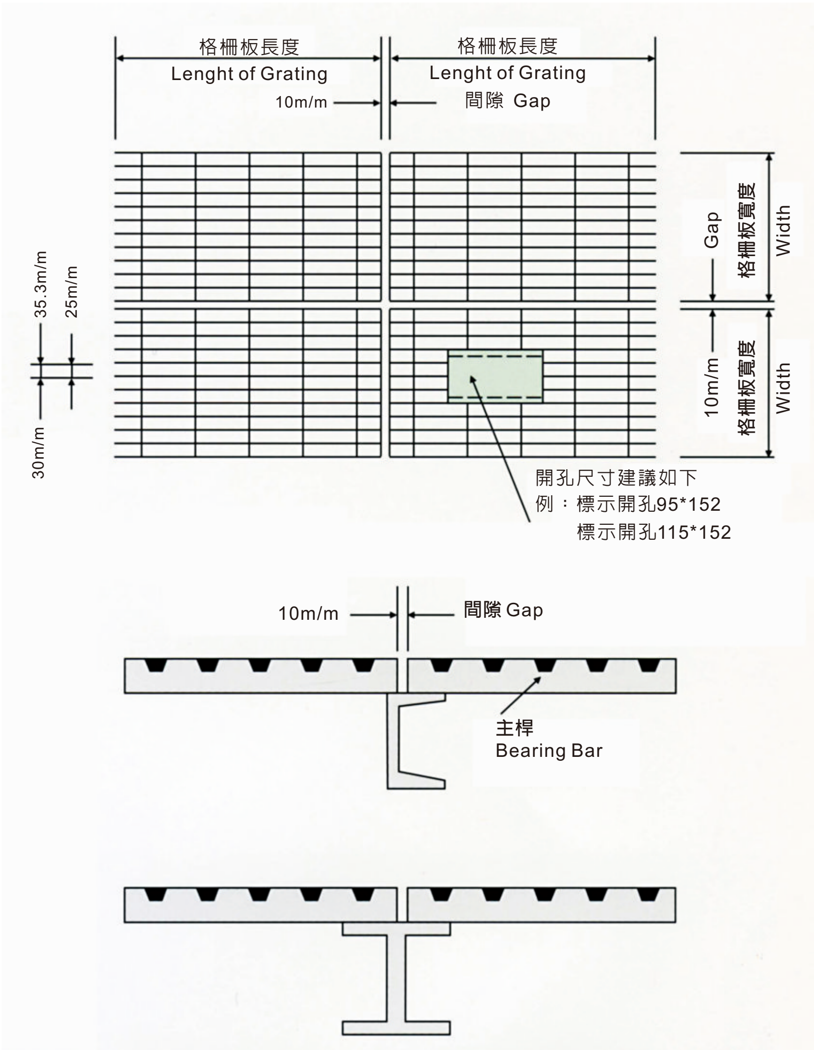
Tolerance of Installation

名詞解識:

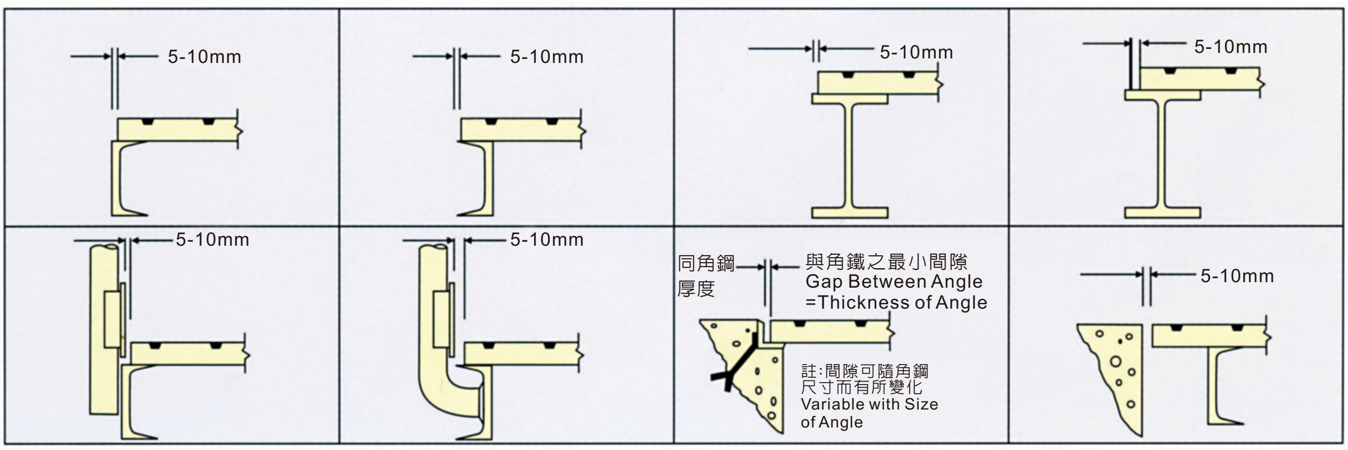
1.主桿(承重桿):安裝於支撐鋼件間之軋製鋼，用於承受均勻斷面之負重桿
2.橫桿:與承重桿電容成90度角之構件
3.格柵板:係指完成格柵之成品，依客戶要求而製成大小不同，形狀不同之產品
4.格柵板長度:–〝L〞:格柵板總長度，測量時與承重桿平行
5.格柵板寬度:–〝W〞:格柵板總寬度，測量時與橫桿平行
6.格柵板面積:–〝橫面〞:地皮總面積，包括空心，齒凹部分
7.邊桿：用於承重桿兩端互相焊接部份，以及空心齒凹部分
8.踢角板:承重截面桿，距板面100mm，焊接於格柵板的兩端及側面，以承空心部分及齒凹部分
註:踢角板需按規定使用
9.切定尺:特別指定格柵板的切成總長尺度，其尺度不包括側端條狀桿

Glossary of Terms

1.LOAD BARS:-(Bearing Bars)
Load carrying bars of uniform sectionin in rolled steel Spanning between supporting steel members.
2.CROSS RODS:-(Transverse Bars)
Rods of uniform section in square twisted steel. Electroforged at right angles to the Load bars.
3.PANEL:- (Mat)
Completed piece of grating.cut to size.banded and notched as specified by customer.
4.LENGTH OF PANEL:-“L”
The overall measurement of a panel when measured parallel with the load bars.
5.WIDTH OF PANEL:-“W”
The overall measurement of a panel when measured parallel with the cross rods.
6.AREA OF PANEL:-(Gross area)
The total area of flooring including cutouts.notches. Notches etc. as used in estimating and invoicing(Area=L x W)
7.BANDIND BAR:-(Trim Bar)
Finishing bar of same section as the load bar welded across the ends of the load bars also around cutouts and notches where these occurred.
8.KICK PLATE:- (Toe Plate)
Heavy section bars nominally standing 100mm above walking surface of floor welded to the ends and sides of panels also around cutouts and notches where these occurred.
N.B.Kick Plate is only supplied when and where specified.
9.CUT TO SIZE ONLY
Specifies that panels are to be supplied cut to the overall length only exclusive of end banding bars.



在此之數據均為建議尺度，格柵板可是實際需求而有不同之製造標準我們建議圓弧藏愛週邊知空心部分直徑為50CM，此直徑大於障礙本身，另建議安裝時，管線空心部分直徑為100MM以下



格柵板寬度尺寸表

Width Table of Grating

主桿 (Bearing Bar)								
間距 Pitch		30mm				35.3mm		
厚度 Thickness(mm)		3 (mm)	4.5 (mm)	5 (mm)	6 (mm)	5 (mm)	6 (mm)	7 (mm)
主桿支數與格柵板寬度關係 No.of Bearing Bar & Width of Grating	支	寬度尺寸 Width(mm)				寬度尺寸 Width(mm)		
	5	123	125	125	126	146	147	148
	6	153	155	155	156	182	183	184
	7	183	185	185	186	217	218	219
	8	213	215	215	216	252	253	254
	9	243	245	245	246	287	288	289
	10	273	275	275	276	323	324	325
	11	303	305	305	306	358	359	360
	12	333	335	335	336	393	394	395
	13	363	365	365	366	429	430	431
	14	393	395	395	396	464	465	466
	15	423	425	425	426	499	500	501
	16	453	455	455	456	535	535	537
	17	483	485	485	486	570	571	572
	18	513	515	515	516	605	606	607
	19	543	545	545	546	640	641	642
	20	573	575	575	576	676	677	678
	21	603	605	605	606	729	730	731
	22	633	635	635	636	746	747	748
	23	663	665	665	666	782	783	784
	24	693	695	695	696	817	818	819
	25	723	725	725	726	852	853	854
	26	753	755	755	756	888	889	890
	27	783	785	785	786	923	924	925
	28	813	815	815	816	958	959	960
	29	843	845	845	846	993	994	995
	30	873	875	875	876			
	31	903	905	905	906			
	32	933	935	935	936			
	33	963	965	965	966			
	34	993	995	995	996			

格柵板寬度=
(主桿支數-1) *節距+主桿厚度

Width=
(No of Bearing Bar-1)*pitch+
thickness of Bearing Bar

格柵板重量對照表

Weight Table of Grating

ISO-9001:2008 Quality Assured Firm
金氏集團 KIN'S GROUP

(1)完整封邊格柵重量＝不封邊格柵重量＋封邊扁鐵重量 (2)上表重量不含鍍鋅重量
(1)Total weight=weight of grating+weight of banded plate (2)Above weight lists excluding hot dip galvanized weight
(格子板規格30×100 m/m，6×6m/m扭轉方鐵)

扁鐵之規格 Bearing Bar Size (mm)	每平方公尺重量 Grating weight per SQ. Meter(kg/m2)	封邊扁鐵每公尺重量 anded plate weight per meter(kg/m)	格子板踏板尺寸（寬 X 長）Size of Grating(width x Lengnt)					
			1M *6M	4' *8'	5' *10'	3' *20'	4' *20'	5' *20'
19mmX 4.5mm	26.7kg	0.67kg	160.02kg	79.23kg	123.83kg	148.54kg	198.11kg	247.67kg
25mmX 3.0mm	23.75kg	0.59kg	142.50kg	69.84kg	109.11kg	130.89kg	174.55kg	218.22kg
25mmX 4.5mm	34.34kg	0.89kg	206.04kg	102.02kg	159.46kg	191.27kg	255.10kg	318.93kg
25mmX 6.0mm	45.03kg	1.188kg	270.18kg	133.05kg	207.76kg	249.44kg	332.68kg	415.92kg
32mmX 3.0mm	29.66kg	0.75kg	177.96kg	84.47kg	136.66kg	163.93kg	218.62kg	273.31kg
32mmX 4.5mm	43.23kg	1.13kg	259.38kg	128.44kg	200.76kg	240.81kg	321.16kg	401.52kg
32mmX 5.0mm	47.77kg	1.26kg	286.62kg	142.40kg	222.50kg	266.90kg	355.95kg	444.99kg
32mmX 6.0mm	56.91kg	1.51kg	341.46kg	167.97kg	262.44kg	314.82kg	419.85kg	524.89kg
38mmX 3.0mm	34.77kg	0.89kg	208.62kg	102.57kg	160.25kg	192.29kg	256.42kg	320.50kg
38mmX 4.5mm	50.79kg	1.34kg	304.74kg	150.91kg	235.88kg	282.93kg	377.34kg	471.76kg
38mmX 5.0mm	56.25kg	1.49kg	337.50kg	167.02kg	260.96kg	313.04kg	417.47kg	521.91kg
38mmX 6.0mm	66.99kg	1.79kg	401.93kg	199.08kg	311.16kg	373.23kg	497.78kg	622.33kg
44mmX 4.5mm	57.40kg	1.53kg	344.38kg	170.58kg	26.62kg	319.80kg	426.51kg	533.22kg
44mmX 6.0mm	77.07kg	2.07kg	462.40kg	229.04kg	357.99kg	429.40kg	572.69kg	715.98kg
45mmX 4.5mm	58.70kg	1.56kg	352.20kg	174.45kg	272.67kg	327.06kg	436.20kg	545.34kg
45mmX 6.0mm	78.85kg	2.12kg	473.09kg	234.33kg	366.27kg	439.33kg	585.93kg	732.53kg
50mmX 4.5mm	66.26kg	1.77kg	397.56kg	196.91kg	307.78kg	369.18kg	492.37kg	615.57kg
50mmX 6.0mm	87.22kg	2.36kg	523.32kg	259.25kg	405.15kg	486.18kg	648.35kg	810.30kg
65mmX 4.5mm	85.21kg	2.30kg	511.24kg	253.23kg	395.80kg	474.75kg	633.18kg	791.60kg
65mmX 6.0mm	112.42kg	3.06kg	674.54kg	344 1/9	522.19kg	626.62kg	835.28kg	1044.38kg
75mmX 4.5mm	97.93kg	2.65kg	587.55kg	291.03kg	454.88kg	545.61kg	727.68kg	909.75kg
75mmX 6.0mm	129.37kg	3.53kg	776.22kg	384.62kg	600.92kg	720.85kg	961.35kg	1201.85kg
90mmX 4.5mm	117.00kg	3.18kg	702.00kg	347.71kg	543.48kg	651.89kg	869.43kg	1086.97kg
90mmX 6.0mm	154.93kg	4.24kg	929.58kg	460.61kg	719.65kg	863.27kg	1151.95kg	1439.30kg
100mmX 4.5mm	129.72kg	3.54kg	385.32kg	385.18kg	602.57kg	722.77kg	963.95kg	1205.14kg
100mmX 6.0mm	171.85kg	4.71kg	1031.1kg	510.91kg	798.24kg	957.55kg	1277.02kg	1596.49kg

(格子板規格35.3×100 m/m，8×8m/m扭轉方鐵)

38mmX5X3mm	41.37kg	1.13kg	248.22kg	123.15kg	192.17kg	230.76kg	307.68kg	3384.34kg
50mmX5X3mm	52.81kg	1.485kg	316.86kg	157.21kg	245.31kg	294.31kg	392.76kg	490.62kg
50mmX7X4mm	67.16kg	1.98kg	402.96kg	199.93kg	311.97kg	374.61kg	499.48kg	623.94kg
65mmX7X4mm	85.09kg	2.55kg	510.54kg	253.30kg	395.26kg	474.62kg	632.83kg	790.52kg
75mmX7X47mm	97.92kg	2.96kg	587.52kg	291.49kg	454.86kg	546.18kg	728.25kg	909.71kg

標準型格柵板尺寸、強度及重量表

金氏集團通過 ISO-9001 認證

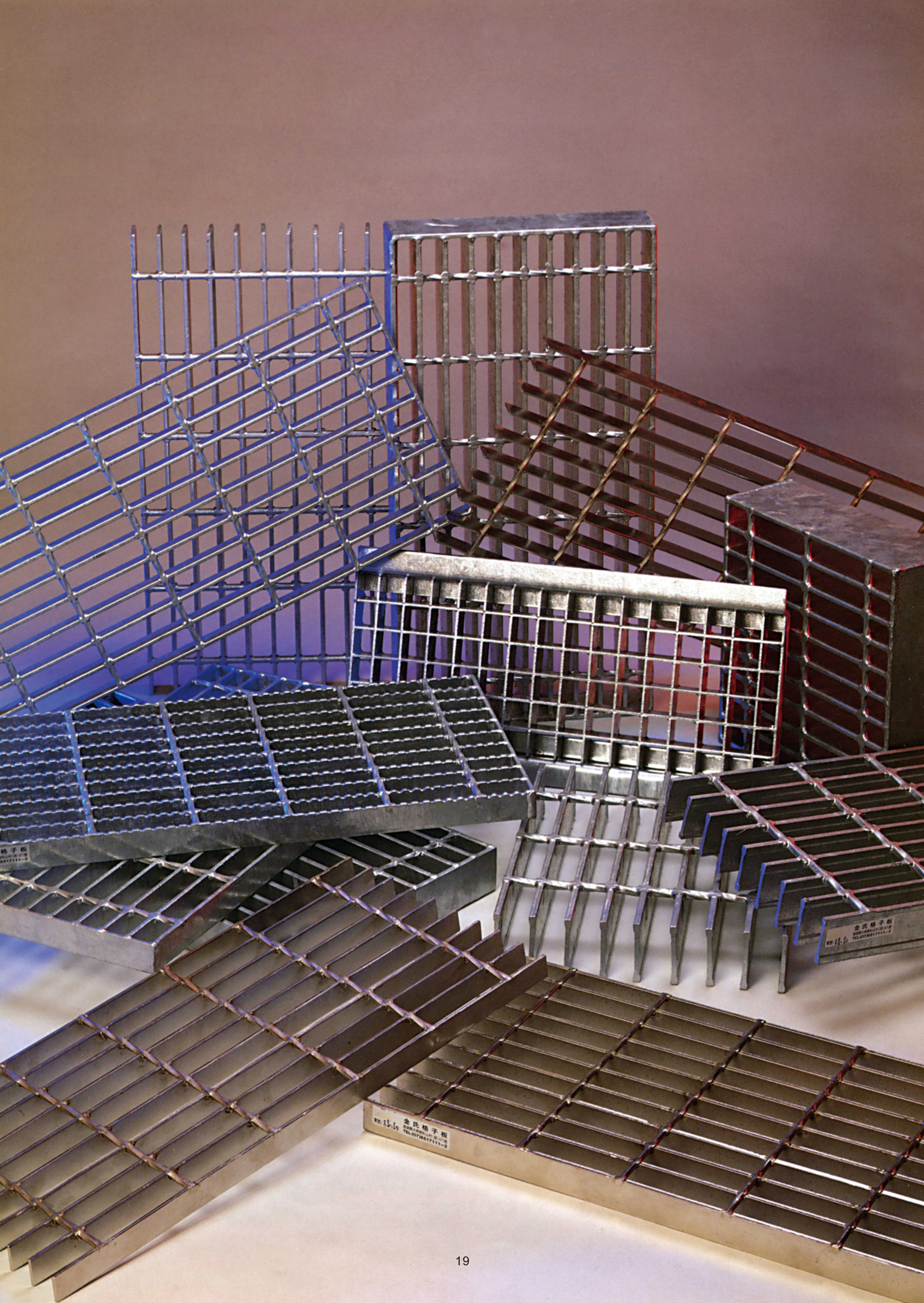
Standard Dimension, Strength and Weight Table of Grating

D:撓度:單位:公釐mm　U:平面均佈載重:單位:kg/m2，每平方公尺承受重量
C:直線均佈載重:單位:kg/M，每一公尺寬承受重量推荐使用撓度0.64cm以內
負載係數依據允許彎曲應力17.5kg/mm2(0.66fy)計算
※本表格柵板每平方公尺重量皆未含鍍鋅重量

D=Deflection in millimertes. U=Safe superimpose uniformly distributed load in kilo per meters C=Safe superimposed Concentrated load normal to load bars in kilo per metre width. Loads calcuaated in accordance with an allowable bending stress 17.5kg/mm2(0.66F)

型號 Symbol	橫桿間距 C.B. Pitch	每平方公尺重量 weight kg/m2	主桿尺寸 B.B.Size	荷重撓度	跨距 Span m/m														
					300	450	600	750	900	1050	1200	1500	1800	2100	2400	2700	3000	3300	3600
KS-101	100	26.7	19*4.5	U	13887	6161	3457	2206	1525	1116	849	842	367	264					
				D	0.84	1.91	3.38	5.29	7.63	10.37	13.55	21.17	30.49	41.49					
				C	2083	1387	1037	827	686	586	510	403	329	277					
				D	0.67	1.77	2.71	4.24	6.11	8.34	10.96	17.48	26	37.07					
KS-102	100	23.75	25*3.0	U	16028	7111	3989	2545	1761	1287	980	619	423	305	228				
				D	0.64	1.45	2.57	4.02	579	7.89	10.29	16.09	23.17	31.53	41.19				
				C	2405	1600	1197	955	792	676	588	465	380	320	273				
				D	0.51	1.16	2.06	3.22	4.63	6.34	8.31	13.18	19.46	27.44	37.61				
KS-103	100	34.34	25*4.5	U	24050	10675	5993	3824	2648	1938	1478	936	642	465	349				
				D	0.64	1.45	2.57	4.02	5.79	7.89	10.29	16.09	23.17	31.53	41.19				
				C	3609	2403	1797	1435	1192	1019	887	704	579	488	420				
				D	0.51	1.15	2.06	3.21	4.63	6.34	8.31	13.18	19.46	27.44	37.61				
KS-104	100	45.03	25*6	U	32049	14225	7986	5095	3530	2584	1970	1247	856	619	466				
				D	0.64	1.45	2.57	4.02	5.79	7.89	10.29	16.09	23.17	31.53	41.19				
				C	4808	3202	2395	1913	1589	1358	1182	936	771	650	560				
				D	0.51	1.15	2.06	3.21	4.63	6.34	8.31	13.18	19.46	27.44	37.61				
KS-105	100	29.66	32*3	U	26270	11660	6546	4177	2893	2118	1615	1023	702	508	382	296			
				D	0.5	1.13	2.01	3.14	4.52	6.16	8.04	12.57	18.10	24.63	32.18	40.72			
				C	3941	2624	1964	1568	1303	1113	969	768	632	533	459	399			
				D	0.40	0.9	1.61	2.51	3.62	4.95	6.49	10.30	15.20	21.44	29.38	39.51			
KS-106	100	43.23	32*4.5	U	39405	17489	9820	6266	4340	3177	2422	1534	1053	762	573	444			
				D	0.5	1.13	2.01	3.14	4.52	6.16	8.04	12.57	18.10	24.63	32.18	40.72			
				C	5912	3936	2945	2352	1954	1669	1452	11.52	948	799	668	599			
				D	0.40	0.90	1.61	2.51	3.62	4.95	6.49	10.30	15.20	21.44	29.38	39.51			
KS-107	100	47.77	32*5	U	43784	19435	10912	6968	48.25	3533	2694	1708	1172	849	639	495			
				D	0.50	1.13	2.01	3.14	4.52	6.16	8.04	12.57	18.10	24.63	32.18	40.72			
				C	6568	4373	3274	2613	2171	1855	1617	1281	1055	891	768	669			
				D	0.40	0.90	1.61	2.51	3.62	4.95	6.49	10.28	15.16	21.35	29.18	39.13			
KS-108	100	56.91	32*6	U	52541	23322	13094	8362	5790	5299	3233	2049	1407	1019	767	594			
				D	0.50	1.13	2.01	3.14	4.52	6.16	8.04	12.57	18.10	24.63	32.18	40.72			
				C	7881	5247	3929	3135	2605	2225	1940	1537	1266	1070	921	803			
				D	0.40	0.90	1.61	2.51	3.62	4.95	6.49	10.28	15.16	21.35	29.18	39.13			
KS-109	100	34.77	38*3	U	37045	16444	9232	5895	4082	2989	2280	1445	1000	719	541	419			
				D	0.42	0.95	1.69	2.64	3.81	5.19	6.77	10.58	15.24	20.74	27.10	34.29			
				C	5558	3700	2770	2211	1837	15361	1368	1084	892	755	649	566			
				D	0.34	0.76	1.36	2.11	3.05	4.17	5.47	8.66	12.77	17.98	24.57	32.95			
KS-110	100	50.79	38*4.5	U	55567	24665	13848	8842	6123	4484	3419	2167	1487	1078	812	629			
				D	0.42	0.95	1.69	2.64	3.81	5.19	6.77	10.58	15.24	20.74	27.10	34.29			
				C	8335	5549	4155	3316	2756	2354	2052	1626	1338	1131	974	848			
				D	0.34	0.76	1.36	2.11	3.05	4.17	5.47	8.66	12.77	17.98	24.57	32.95			
KS-111	100	56.25	38*5	U	61735	274405	1538	9825	6804	4981	3798	2408	1653	1197	902	698			
				D	0.42	0.95	1.69	2.64	3.81	5.19	6.77	10.58	15.24	20.74	27.10	34.29			
				C	9261	6166	4616	3684	3062	2615	2276	1807	1487	1257	1082	943			
				D	0.34	0.76	1.36	2.11	3.05	4.17	5.47	8.66	12.77	17.98	24.57	32.95			

型號 Symbol	橫桿間距 C.B. Pitch	每平方公尺重量 weight kg/m2	主桿尺寸 B.B.Size	荷重撓度	跨距 Span m/m														
					300	450	600	750	900	1050	1200	1500	1800	2100	2400	2700	3000	3300	3600
KS-112	100	66.99	38*6	U D	74090 0.42	32887 0.95	18464 1.69	11789 2.64	8164 3.81	5977 5.19	4558 6.77	4558 6.77	14982 15.24	1436 20.74	1080 27.10	837 34.29			
				C D	11113 0.34	7398 0.76	5539 1.36	4420 2.11	3672 3.05	3137 4.17	2734 5.47	2734 5.47	1783 12.77	1507 17.98	1298 24.57	1130 32.95			
KS-113	100	57.40	44*4.5	U D	74502 0.34	33070 0.80	18566 1.43	11856 2.23	8029 3.22	6011 4.38	4583 5.72	4583 5.72	1992 12.87	1444 17.52	1086 22.88	841 38.96	681 35.75		
				C D	11175 0.29	7439 0.64	5570 1.14	4444 1.79	3692 2.58	3155 3.51	2750 4.60	2750 4.60	1793 10.63	1516 14.82	1306 20.00	1137 26.40	10221 34.30		
KS-114	100	77.07	44*6	U D	99336 0.34	44093 0.80	24755 1.43	15807 2.23	10945 3.22	8015 4.38	5112 5.72	5112 5.72	2658 12.87	1926 17.52	1448 22.88	1122 28.96	909 35.75		
				C D	14900 0.29	9920 0.64	7426 1.14	5926 1.79	4924 2.58	4206 3.51	3667 4.60	3667 4.60	2391 10.63	2021 14.82	1740 20.00	1516 26.40	1363 34.30		
KS-115	100	58.07	45*4.5	U D	77929 0.34	34591 0.80	19420 1.43	12401 2.23	8586 3.22	6287 4.38	4795 5.72	4795 5.72	2085 12.87	1511 17.52	1136 22.88	880 28.96	713 35.75	606 43.26	
				C D	1168 0.29	7782 0.64	6862 1.14	4648 1.79	3863 2.58	3300 3.51	2877 4.60	2877 4.60	18761 10.63	1585 14.82	1365 20.00	1189 26.40	1069 34.30	1001 44.10	
KS-116	100	78.85	45*6	U D	103906 0.34	46122 0.80	25893 1.43	16534 2.23	11448 3.22	8383 4.38	6393 5.72	6393 5.72	2780 12.87	2015 17.52	1515 22.88	1174 28.96	951 35.75	808 43.26	
				C D	15585 0.29	10376 0.64	7768 1.14	6198 1.79	5151 2.58	4400 3.51	3835 4.60	3835 4.60	2502 10.63	2114 14.82	1821 20.00	1585 26.40	1426 34.30	1333 44.10	
KS-117	100	66.26	45*6	U D	93208 0.32	42705 0.72	23975 1.29	15309 2.01	10601 2.90	7763 3.94	5919 5.15	5919 5.15	2574 11.58	1866 15.77	1403 20.59	10.86 26.06	880 32.18	747 38.93	621 46.33
				C D	14430 0.26	9608 0.58	7192 1.03	5739 1.61	4769 2.32	4073 3.16	3552 4.44	3552 4.44	2316 9.54	1958 13.26	16.85 17.84	1468 23.45	1320 30.33	1234 38.78	1118 49.18
KS-118	100	87.22	50*6	U D	128274 0.32	56938 0.72	31966 1.29	20412 2.01	14134 2.90	10351 3.94	7892 5.15	7892 5.15	3432 11.58	2488 15.77	1870 20.59	1448 26.06	1174 32.18	997 38.93	828 46.33
				C D	19240 0.26	12810 0.58	9589 1.03	7653 1.61	6359 2.32	5431 3.16	4735 4.44	4735 4.44	3088 9.54	2611 13.26	2247 17.84	1958 23.45	1760 30.00	1646 38.78	1490 49.18
KS-119	100	85.21	65*45	U D	126591 0.25	72171 0.56	40518 0.99	25872 1.55	17915 2.23	13120 3.03	1003 3.96	1003 3.96	4351 8.91	3154 12.13	2371 15.84	1836 20.05	1488 24.75	1264 29.95	1051 35.64
				C D	24387 0.2	16237 0.45	12156 0.79	9700 1.24	8061 1.78	6883 2.43	6003 3.18	6003 3.18	3914 7.29	3309 10.08	2848 13.47	2481 17.56	2231 22.48	2106 28.42	1889 35.58
KS-120	100	112.42	65*6	U D	216785 0.29	96227 0.64	54024 1.13	34495 1.77	23887 2.54	17492 3.45	13337 4.51	13337 4.51	5801 10.16	4025 13.83	3161 18.06	2448 22.86	1984 28.22	1685 34.14	1401 40.63
				C D	32516 0.23	21650 0.51	16280 0.90	12933 1.41	10746 2.03	9178 2.77	8004 3.63	8004 3.63	5219 8.31	4412 11.49	37023 15.36	3309 20.02	2975 25.63	2783 32.40	2520 40.56
KS-121	100	112.42	65*6	U D	216406 0.22	96083 0.49	53943 0.86	34443 1.34	23852 1.93	17466 2.62	13317 3.43	13317 3.43	5792 7.72	4198 10.50	3156 13.72	2444 17.36	1981 21.43	1683 25.94	1398 30.86
				C D	32467 0.17	21617 0.39	16183 0.68	12914 1.07	10703 1.54	9165 2.10	7991 2.75	7991 2.75	5211 6.31	4406 8.73	3792 11.67	3304 15.21	2971 19.47	2779 24.61	2516 30.81
KS-122	100	129.37	75*6	U D	288628 0.22	128117 0.49	71928 0.86	45927 1.34	31804 1.93	23289 2.62	17758 3.43	17758 3.43	7723 7.72	5598 10.50	4209 13.72	3260 17.36	2642 21.43	2244 25.94	1865 30.86
				C D	43291 0.17	28824 0.39	21597 0.68	17220 1.07	14308 1.54	12220 2.10	10657 2.75	10657 2.75	6948 6.31	5874 8.73	5058 11.67	4406 15.21	3961 19.47	3706 24.61	3356 30.81
KS-123	100	117.00	90*4.5	U D	415625 0.24	1184489 0.54	103577 0.95	66135 1.49	45797 2.15	33537 2.91	25571 3.81	25571 3.81	11122 8.57	8062 11.67	594 15.24	4694 19.29	3806 23.81	2424 28.81	2014 34.29
				C D	62339 0.19	41507 0.43	31074 0.76	24796 1.19	20604 1.71	17596 2.34	15345 3.06	15345 3.06	10006 7.01	8459 9.70	7283 12.96	6344 16.56	5704 21.63	4003 27.34	3624 34.23
KS-124	100	154.93	90*6	U D	544167 0.24	245985 0.54	138103 0.95	88180 1.49	61064 2.15	44716 2.91	34837 3.18	34837 3.18	14829 8.57	10750 11.67	8081 15.24	6259 19.29	50746 23.81	3232 28.81	2685 24.29
				C D	62339 0.19	41507 0.43	31074 0.76	24796 1.19	20604 1.71	17596 2.34	15345 3.06	15345 3.06	10006 7.01	8459 9.70	7283 12.96	6344 16.56	5704 21.63	4003 27.34	3624 34.23
KS-125	100	129.72	100*4.5	U D	513103 0.22	227758 0.49	127869 0.86	81646 1.34	56539 1.93	41403 2.62	31569 3.43	31569 3.43	13703 7.72	9953 10.50	7482 13.72	5775 17.36	4698 21.43	2992 25.94	2486 30.86
				C D	76961 0.17	51241 0.39	38363 0.68	30613 1.07	25435 1.54	21724 2.10	18945 2.75	18945 2.75	12353 6.31	10442 8.73	8991 11.67	7833 15.21	7041 19.47	4941 24.61	4474 30.81
KS-126	100	171.85	100*6	U D	684175 0.22	303693 0.49	170502 0.86	108867 1.34	75389 1.93	55207 2.62	42094 3.43	42094 3.43	18308 7.72	13272 10.50	9977 13.72	7727 17.36	6265 21.43	3990 25.91	3316 30.86
				C D	102620 0.17	68326 0.39	51153 0.68	40820 1.07	33916 1.54	39171 2.10	25262 2.75	25262 2.75	16471 6.31	13924 8.73	11989 11.67	10444 15.21	9389 19.47	6588 24.61	5966 30.81

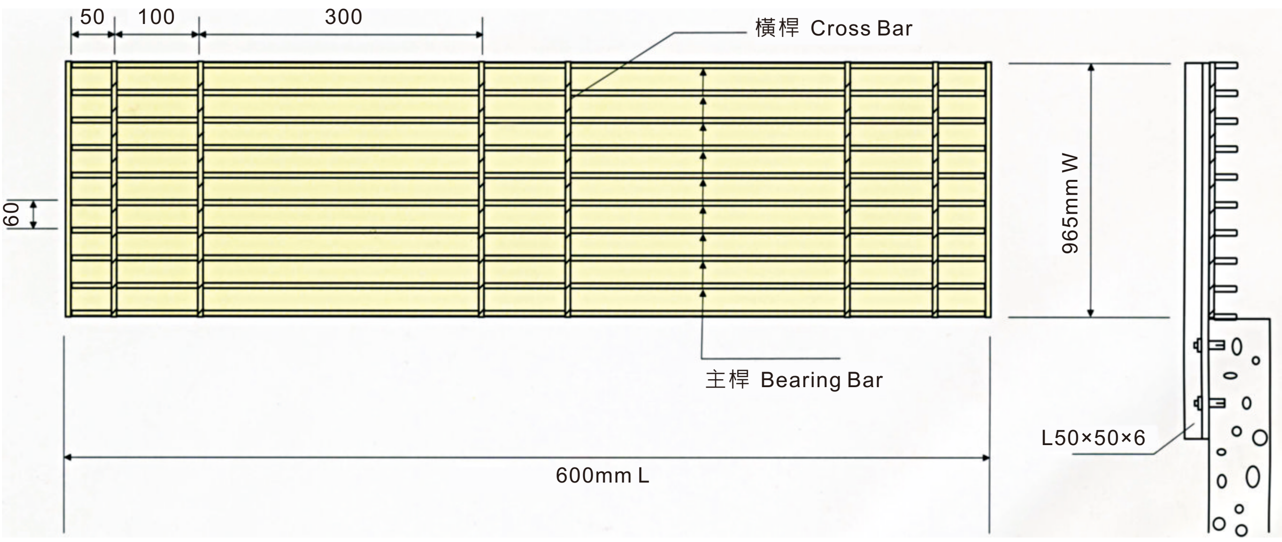

金氏格子板
金氏格子板

格柵圍牆

Grate Bounding Wall

KW F 25 - 4.5

- 主桿高度 25mm
  Height of Bearing Bar 25mm
- 主桿厚度 4.5mm
  Bearing Bar 4.5mm
- 採用主桿型式:扁鋼
- 金氏格柵圍牆



材質:SS400		
型號 Symbol	每平方公尺重量 weight kg/m^2	格柵圍牆尺寸 (寬×長)965mm×6M
KWF-25	17	102
KWF-32	21	126
KWF-38	24.67	148
KWF-44	28.17	169
KWF-50	32	192
KWF-65	41	246

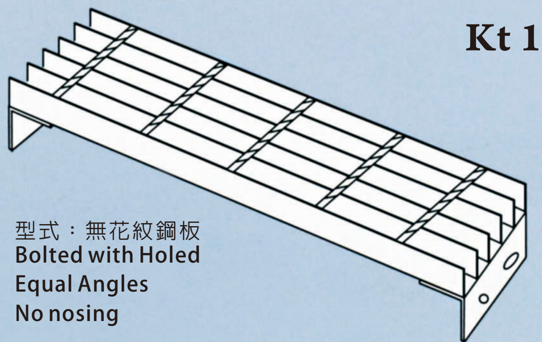
材質:SUS304		
型號 Symbol	每平方公尺重量 weight kg/m^2	格柵圍牆尺寸 (寬×長)965mm×6M
KWF-25	17.18	103
KWF-32	21.22	128
KWF-38	24.93	150
KWF-44	28.46	171
KWF-50	32.33	194
KWF-65	41.42	249

樓梯踏板

Stair Treads

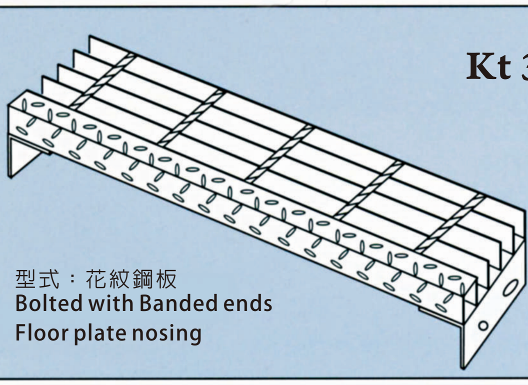
角鋼螺栓連接

Kt 1



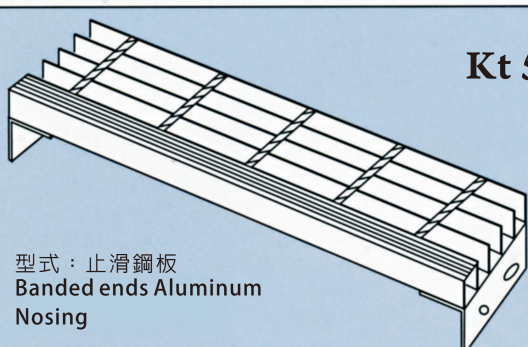
型式：無花紋鋼板
Bolted with Holed
Equal Angles
No nosing

Kt 3



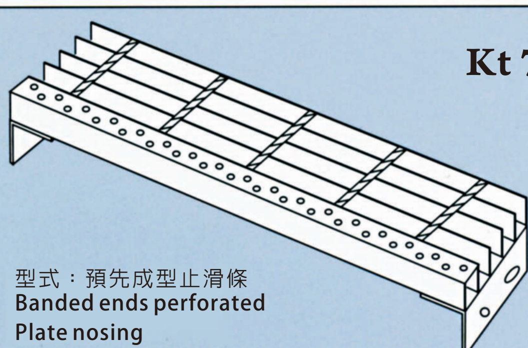
型式：花紋鋼板
Bolted with Banded ends
Floor plate nosing

Kt 5



型式：止滑鋼板
Banded ends Aluminum
Nosing

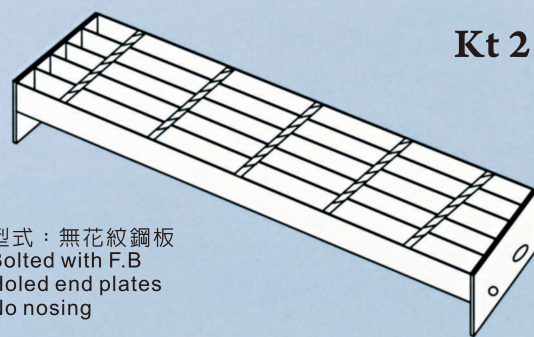
Kt 7



型式：預先成型止滑條
Banded ends perforated
Plate nosing

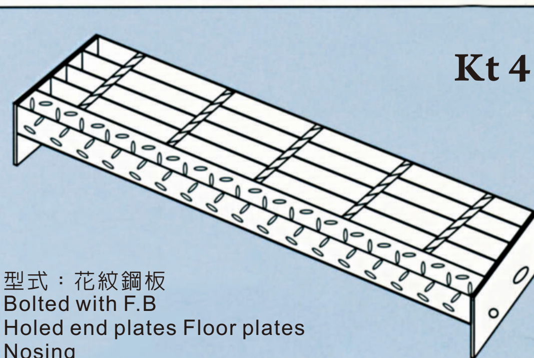
扁鋼螺栓連接

Kt 2



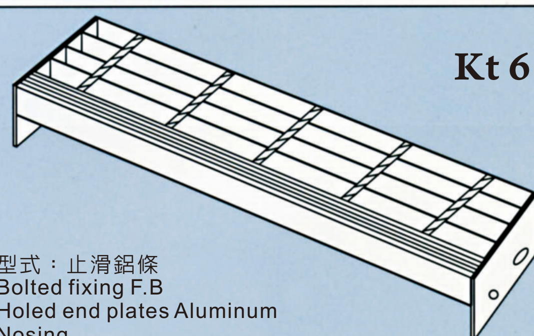
型式：無花紋鋼板
Bolted with F.B
Holed end plates
No nosing

Kt 4



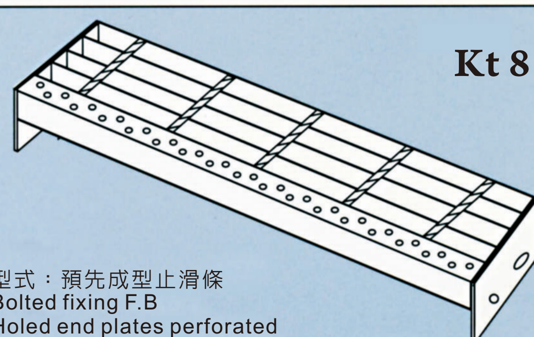
型式：花紋鋼板
Bolted with F.B
Holed end plates Floor plates
Nosing

Kt 6



型式：止滑鋁條
Bolted fixing F.B
Holed end plates Aluminum
Nosing

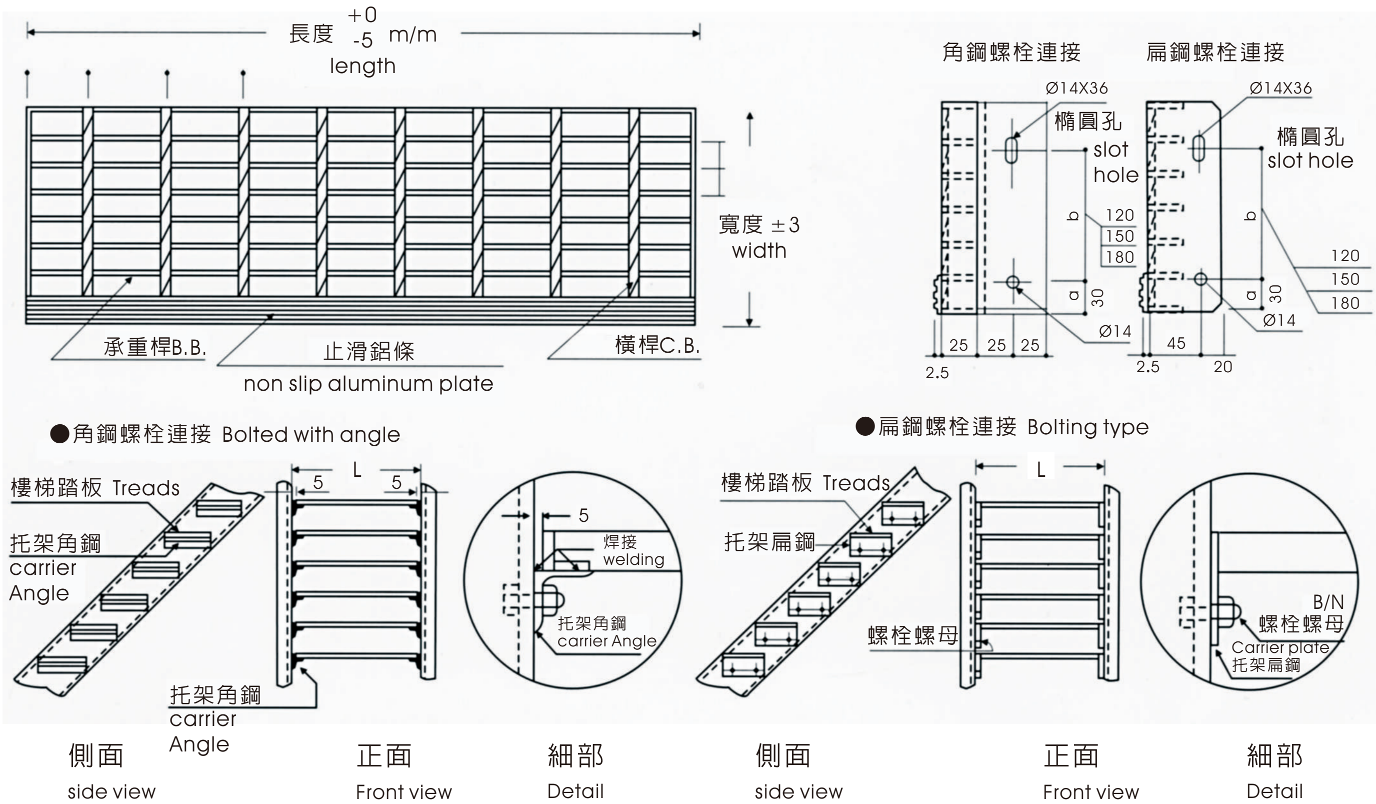
Kt 8



型式：預先成型止滑條
Bolted fixing F.B
Holed end plates perforated
Plate nosing

樓梯踏板各部尺寸及重量

STANDARD DIMENSIONS AND WEIGHT TABLE

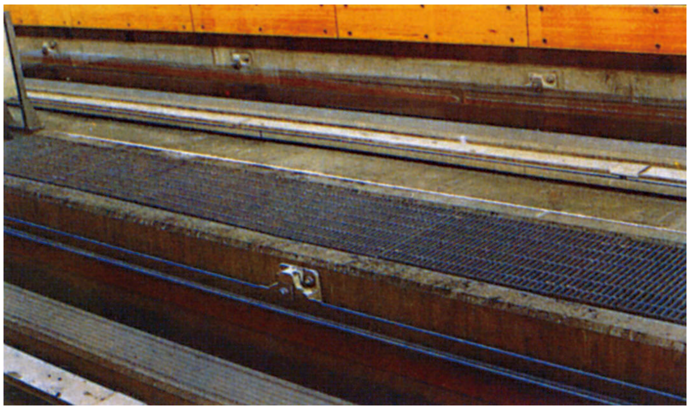


標準尺寸及重量 Standard dimensions and weight table

F.B. 扁鋼螺栓連接 Angle 角鋼螺栓焊接（單位:公斤)

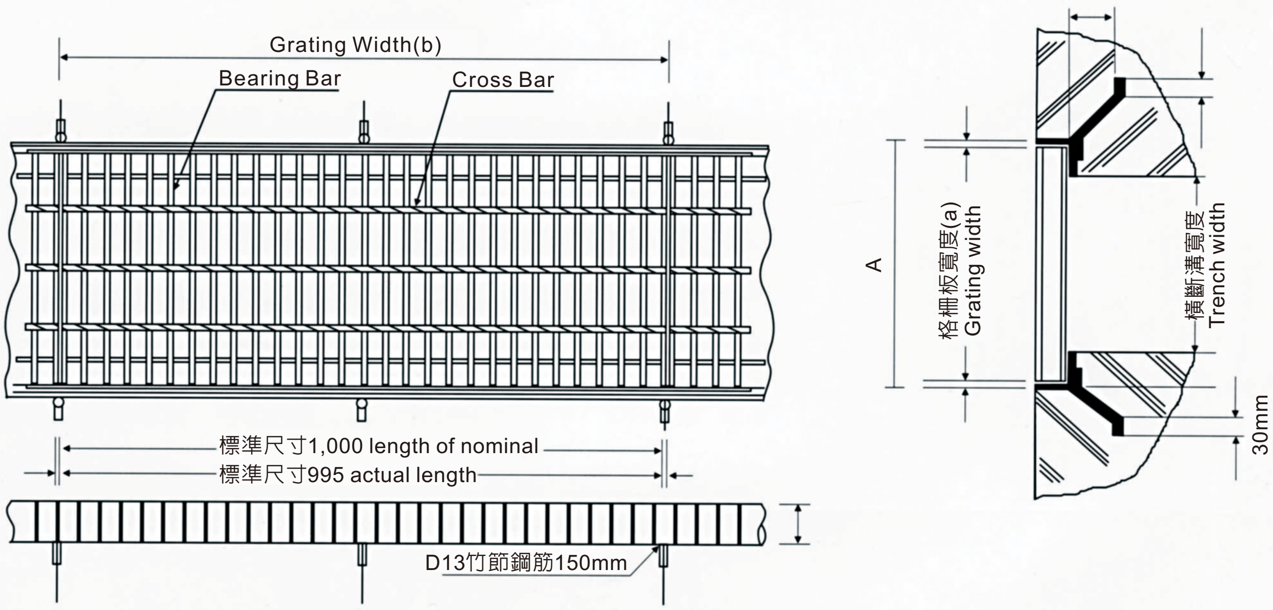
Bearing Bar		Width	500	550	600	650	700	750	800	850	900	950	1000	1100	1200
F 25×4.5	F	215	5.8	6.0	6.4	6.8	7.2	7.6	8.1	8.5	8.9	9.3	9.8	10.6	11.5
	A		6.7	7.0	7.5	7.9	8.3	8.7	9.2	9.6	10.0	10.4	10.9	11.7	12.6
	F	245	6.5	6.9	7.2	7.7	8.2	8.6	9.1	9.6	10.1	10.5	11.0	12.0	12.9
	A		7.5	7.9	8.4	8.9	9.4	9.8	10.3	10.8	11.3	11.7	12.2	13.2	14.1
	F	275	7.0	7.5	8.0	8.5	9.1	9.6	10.2	10.7	11.2	11.7	12.3	13.3	14.4
	A		8.4	8.9	9.4	9.9	10.5	11.0	11.6	12.1	12.6	13.1	13.7	14.7	15.8
F 32×4.5	F	215	6.9	7.2	7.7	8.2	8.8	9.3	9.8	10.3	10.9	11.4	12.0	13.0	14.1
	A		7.9	8.5	9.0	9.5	10.1	10.6	11.1	11.6	12.2	12.7	13.3	14.3	15.4
	F	245	7.7	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5	14.7	15.9
	A		8.8	9.4	10.0	10.6	11.2	11.8	12.4	13.0	13.6	14.2	14.8	16.0	17.2
	F	275	8.4	9.0	9.7	10.3	11.0	11.7	12.4	13.0	13.7	14.3	15.0	16.4	17.7
	A		9.9	10.5	11.2	11.8	12.5	13.2	13.9	14.5	15.2	15.8	16.5	17.9	19.2

F:Flat Bar type A:Angle type

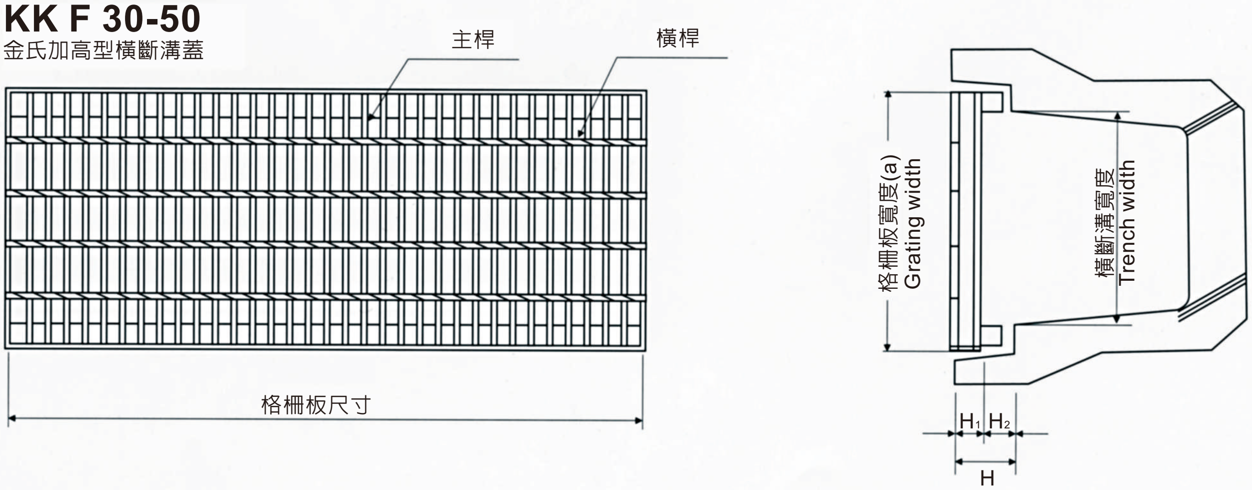


KT F 30 - 32

- 30: 橫斷溝寬度 300mm / Width of pit 300mm
- 32: 主桿高度 32mm / Height of bearing bar 32mm
- F: 採用主桿形式:扁鋼
- KT: 金氏橫斷溝蓋



KK F 30-50
金氏加高型橫斷溝蓋



橫斷溝蓋載重及尺寸表

LOAD TABLE OF TRENCH COVER

20噸級荷重　T-20 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺 寸 Dimension(m/m)								重 量 weight(kg)			單 位 應 力 stress (kg/mm2)
		格柵板Grating					支撐框Frame						
		a	b	h	主桿 (B.B.)	橫桿 (B.B.)	A	H	角鐵規格 Angle	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KTF-20-44	200	312	996	44	F-44×6	8	324	50	L-50×50×6	24.5	10.3	34.8	7.8
KTF-30-50	300	412	996	50	F-50×6	8	432	60	L-60×60×9	36.2	17.1	53.3	13.2
KTI-30-50	300	412	996	50	F-50×6	8	432	60	L-60×60×9	35.4	17.1	52.5	13.2
KTF-40-65	400	512	996	65	F-65×6	8	524	70	L-70×70×6	57.4	14.2	71.6	17.3
KTI-40-65	400	512	996	65	F-65×6	8	524	70	L-70×70×6	56.2	14.2	70.4	17.3
KTF-50-75	500	612	996	75	F-75×6	8	624	80	L-80×80×6	73.3	16.1	89.4	14.6

14噸級荷重　T-14 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺 寸 Dimension(m/m)								重 量 weight(kg)			單 位 應 力 stress (kg/mm2)
		格柵板Grating					支撐框Frame						
		a	b	h	主桿 (B.B.)	橫桿 (B.B.)	A	H	角鐵規格 Angle	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KTF-20-32	200	312	996	32	F-32×6	8	322	40	L-50×40×6	18.4	7.3	25.7	10.2
KTF-30-44	300	412	996	44	F-44×6	8	424	50	L-60×50×9	32.5	10.3	42.8	12.3
KTI -30-50	400	512	996	50	F-50×6	8	532	60	L-60×60×9	44.8	17.1	61.9	14.5
KTF-40-50	400	512	996	50	I-50×7×4	8	532	60	L-70×60×6	44	17.1	61.1	14.5
KTI -40-65	500	612	996	65	F-65×6	8	624	70	L-70×70×6	68.8	14.2	83	13.6
KTF-50-75	600	712	996	75	F-75×6	8	724	80	L-80×80×6	90.2	16.1	106.3	14.7

6噸級荷重　T-6 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺 寸 Dimension(m/m)								重 量 weight(kg)			單 位 應 力 stress (kg/mm2)
		格柵板Grating					支撐框Frame						
		a	b	h	主桿 (B.B.)	橫桿 (B.B.)	A	H	角鐵規格 Angle	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KTF-20-25	200	310	995	25	F-25×4.5	6	332	30	L-30×30×5	11.6	5.8	17.4	15.2
KTF-30-38	300	410	995	38	F-38×4.5	6	434	45	L-45×45×6	21.7	9.4	31.1	14.7
KTI -40-50	300	510	995	50	F-50×4.5	6	540	60	L-60×60×9	44.8	17.1	61.9	14.9
KTF-40-50	400	510	995	50	I-50×7×4	6	540	60	L-60×60×9	47.0	17.1	64.1	14.9
KTI -50-50	400	610	995	50	F-50×6	6	640	60	L-60×60×9	53.5	17.1	70.6	17.4
KTF-60-50	500	712	995	50	F-50×6	6	742	60	L-60×60×9	63.3	17.1	80.4	17.9

2噸級荷重　T-2 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺 寸 Dimension(m/m)								重 量 weight(kg)			單 位 應 力 stress (kg/mm2)
		格柵板Grating					支撐框Frame						
		a	b	h	主桿 (B.B.)	橫桿 (B.B.)	A	H	角鐵規格 Angle	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KTF-20-25	200	310	995	25	F-25×4.5	6	332	30	L-30×30×5	11.6	5.8	17.4	7.6
KTF-30-25	300	410	995	32	F-25×4.5	6	432	30	L-45×45×6	14.9	5.8	20.7	16.2
KTI -30-32	400	510	995	32	F-32×4.5	6	532	40	L-40×40×5	22.9	7.3	30.2	11.0
KTF-40-32	500	610	995	32	F-32×4.5	6	632	40	L-40×40×5	27.2	7.3	34.5	14.6
KTI -40-38	600	710	995	38	F-38×4.5	6	732	45	L-45×45×6	36.5	9.4	45.9	14.9

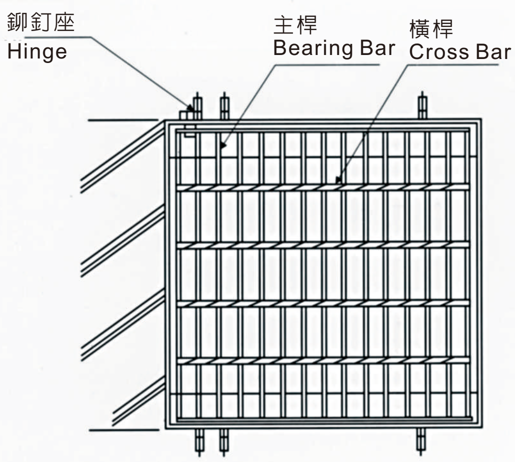
(B.B.):Bearing Bar (C.B.):Cross Bar

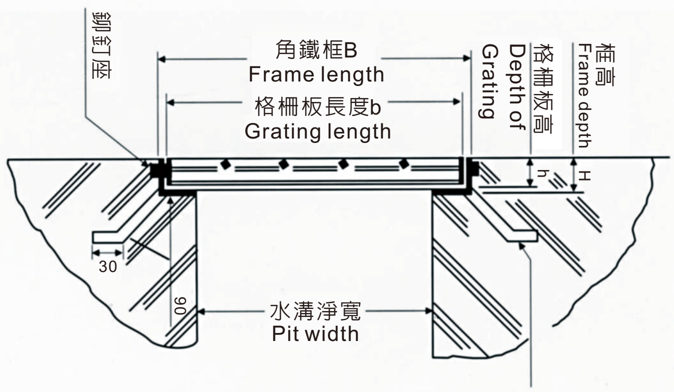
集水井溝蓋

DRAINAGE PIT COVER

KT F 30 - 50

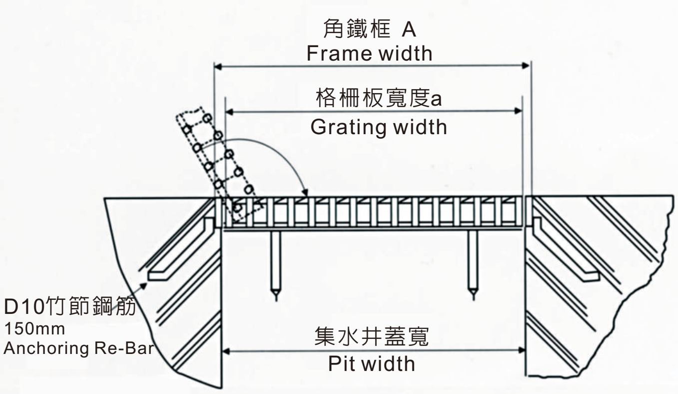
- 集水井溝淨寬 300mm
  Width of pit 300mm
- 主桿高度 50mm
  Height of bearing bar 50mm
- 採用主桿形式:扁鋼
- 金氏橫斷溝蓋

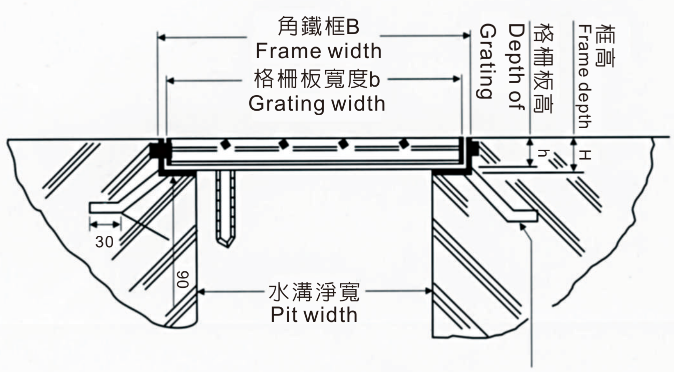




KD F 30#

金氏鏈條集水井溝蓋





集水井溝蓋載重及尺寸表

LOAD TABLE OF DRAINAGE PIT COVER

ISO-9001:2008 Quality Assured Firm
金氏集團 KIN'S GROUP

20噸級荷重 T-20 LOADING

型號 Symbol	水溝寬X長 width X lenght(mm)	尺寸 Dimension(m/m)								重量 weight(kg)			單位應力 stress (kg/mm2)
		格柵板Grating					角鐵框 Support frame						
		a	b	h	主桿 Bearing Bar	橫桿 Cross Bar	A	B	H	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KDF-30-50	400 x 300	496	410	50	F-50 x 6	8	518	438	60	19.1	15.9	35	16.3
KDF-40-50	400 x 400	496	510	50	F-50 x 6	8	518	538	60	22.9	17.5	40.4	16.3
KDF-50-50	400 x 500	496	610	50	F-50 x 6	8	518	638	60	26.6	19.1	45.7	16.3
KDF-30-65	500 x 300	601	410	65	F-65 x 6	8	628	438	70	28.7	14.5	43.2	15.0
KDF-40-65	500 x 400	601	510	65	F-65 x 6	8	628	538	70	34.5	15.8	50.3	15.0
KDF-50-65	500 x 500	601	610	65	F-65 x 6	8	628	638	70	41.3	17.1	58.4	15.0
KDF-30-75	600 x 300	706	410	75	F-75 x 6	8	728	438	80	38.3	18.0	56.3	13.8
KDF-40-75	600 x 400	706	510	75	F-75 x 6	8	728	538	80	45.7	19.5	65.2	13.8
KDF-50-75	600 x 500	706	610	75	F-75 x 6	8	728	638	80	54.5	20.9	75.4	13.8

14噸級荷重 T-14 LOADING

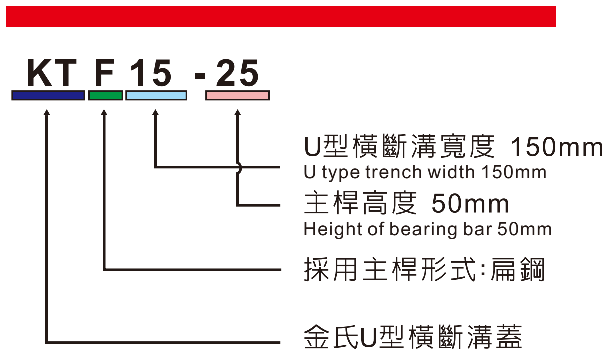
型號 Symbol	水溝寬X長 width X lenght(mm)	尺寸 Dimension(m/m)								重量 weight(kg)			單位應力 stress (kg/mm2)
		格柵板Grating					角鐵框 Support frame						
		a	b	h	主桿 Bearing Bar	橫桿 Cross Bar	A	B	H	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KDF-30-50	400 x 300	496	410	50	F-50 x 6	8	518	438	60	19.1	15.9	35	13.7
KDF-40-50	400 x 400	496	510	50	F-50 x 6	8	518	538	60	22.9	17.5	40.4	13.7
KDF-50-50	400 x 500	496	610	50	F-50 x 6	8	518	638	60	26.6	19.1	45.7	13.7
KDF-30-65	600 x 300	706	410	65	F-65 x 6	8	728	438	70	33.2	14.5	50.7	12.9
KDF-40-65	600 x 400	706	510	65	F-65 x 6	8	728	538	70	40.5	19	59.5	12.9
KDF-50-65	600 x 500	706	610	65	F-65 x 6	8	728	638	70	48.5	20.4	68.9	12.9

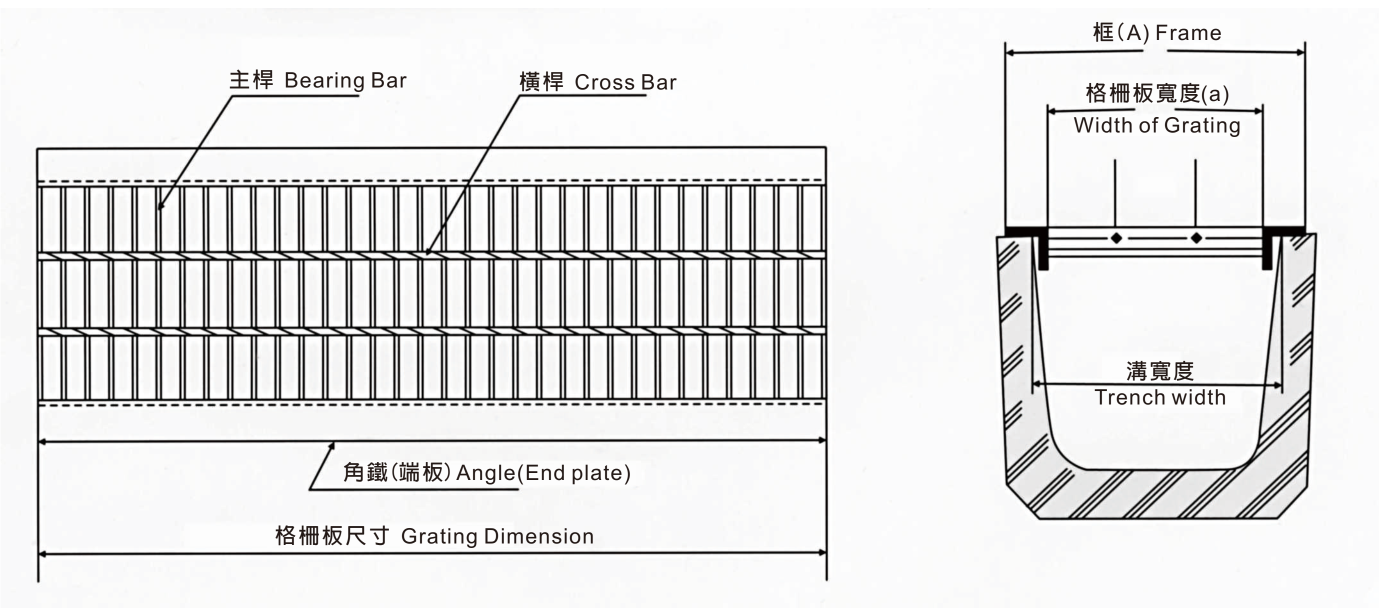
使用鏈條式 Chain Locked Type

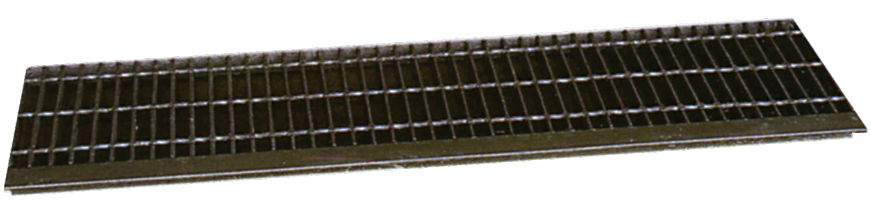
型號 Symbol	水溝寬X長 width X lenght(mm)	尺寸 Dimension(m/m)								重量 weight(kg)			單位應力 stress (kg/mm2)
		格柵板Grating					角鐵框 Support frame						
		a	b	h	主桿 Bearing Bar	橫桿 Cross Bar	A	B	H	GRATING	SUPPORT FRAME	TOTAL WEIGHT	
KDF-30#	650 x 300	650	410	50	F-50 x 6	8	672	432	60	23.24	17.34	40.58	100
KDF-40#	650 x 400	650	510	50	F-50 x 6	8	672	532	60	28.91	18.91	47.82	100
KDF-50#	650 x 500	650	610	50	F-50 x 6	8	672	632	60	34.58	20.48	55.06	100
KDF-60#	650 x 600	650	710	65	F-65 x 6	8	672	732	60	40.52	22.04	62.56	100
KDF-30#	650 x 300	650	410	65	I-50x7x4	8	672	432	60	23.92	17.34	41.26	100
KDF-40#	650 x 400	650	510	65	I-50x7x4	8	672	532	60	29.76	18.91	48.67	100
KDF-50#	650 x 500	650	610	75	I-50x7x4	8	672	632	60	35.59	20.48	56.07	100
KDF-60#	650 x 600	650	710	75	I-50x7x4	8	672	732	60	41.43	22.04	63.47	100

U型橫斷溝寬度

U TYPE TRENCH COVER







集水井溝蓋載重及尺寸表
LOAD TABLE OF DRAINAGE PIT COVER

載重等級 T-14　T-14 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺寸 Dimension(m/m)							重量 weight(kg)	單位應力 stress (kg/mm2)
		a	a'	A	b	主桿	橫桿	角鐵框		
KUF-12-25	120	100	110	190	996	F-25X6	6	L-40X40X5	10.3	9.6
KUF-22-38	220	200	210	290	996	F-38X6	6	L-40X40X5	20.4	10.5
KUF-32-50	320	300	310	410	996	F-50X6	8	L-50X50X6	36.1	11.8
KUF-42-65	420	400	416	546	996	F-65X6	8	L-65X65X6	57.8	12.7

載重等級 T-6　T-6 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺寸 Dimension(m/m)							重量 weight (kg)	單位應力 stress (kg/mm2)
		a	a'	A	b	主桿	橫桿	角鐵框		
KUF-12-25	120	100	110	190	996	F-25X6	6	L-40X40X5	10.3	8.6
KUF-22-32	220	200	210	290	996	F-32X6	6	L-40X40X5	18.1	13.2
KUF-32-44	320	300	310	410	996	F-44X6	8	L-50X50X6	32.8	15.9
KUF-42-50	420	400	416	530	996	F-50X6	8	L-65X65X6	47.8	16.3

載重等級 T-2　T-2 LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺寸 Dimension(m/m)							重量 weight (kg)	單位應力 stress (kg/mm2)
		a	a'	A	b	主桿	橫桿	角鐵框		
KUF-12-25	120	100	110	190	995	F-25X6	6	L-40X40X5	10.3	4.3
KUF-22-25	220	200	210	290	995	F-25X6	6	L-40X40X5	13.8	10.9
KUF-32-32	320	300	310	410	995	F-32X6	6	L-40X40X5	22.5	14.8
KUF-42-38	420	400	416	530	995	F-38X6	6	L-40X40X5	33.8	16.6

載重等級行人步道　FOR SIDE WALK LOADING

型號 Symbol	溝寬 TRENCH WIDTH (mm)	尺寸 Dimension(m/m)							重量 weight (kg)	單位應力 stress (kg/mm2)
		a	a'	A	b	主桿	橫桿	角鐵框		
KUF-12-19	120	100	110	170	995	F-19X4.5	6	L-30X30X3	6.3	0.006
KUF-22-19	220	200	210	270	995	F-19X4.5	6	L-30X30X3	9.1	0.2
KUF-32-19	320	300	310	370	995	F-19X4.5	6	L-30X30X3	11.7	0.04
KUF-42-19	420	400	416	490	995	F-19X4.5	6	L-40X40X3	14.4	0.09

回顧創業初期，在萬變的環境中勤勉經營，幸賴擁有勤奮的員工，群策群力，得以使公司能以穩健的腳步成長。

展望未來，台灣產業結構正面臨急遽變化之際，必須在軟體與硬體上加速，致力於自動化設備改善，管理制度化，降低成本積極提高效率在品質方面亦通過ISO9001/OH SAS1800/國際品質系統認證將以『品質卓越』與客戶滿意來突顯公司產品的信賴度，使公司的持續成長成為客戶最佳的選擇，並以前瞻性的理念主導潮流，期望為新時代的企業豎立典範。

Looking back to the beginning of our business, it is fortunate for us to have a group of diligent staff. Because of them, we can grow steadily under the changeable and difficult environment.

We are facing a rapid change for the structure of the different industries in Taiwan at the moment. Therefore, there are several aspects which we should do for having a bright future. For example, we should improve our hardware and software and OA facilities. Systematis management, lower cost, efficiency are also our targets to be achieved. In regard to the product quality, we had been approved ISO9001/OHASA1800/ international Quality system standard Through our excellent performance, we believe that we will become more trustful and we will be the best choice for customers. It is expected that we will build a new image for the new age and play a leading role with our good insight.

ISO-9001:2008 Quality Assured Firm

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