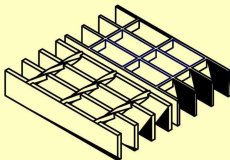


QIAOSHI Grating

喬士鋼格板



QIAOSHI (CHINA) INTERNATIONAL TRADE LIMITED

喬士（中國）國際貿易有限公司

FOREWORD

鋼格柵板，
鋼制的板狀構件，
鋪設工業平台、走道、梯級，
當然也作溝蓋。
鋼格柵板，
開放、開敞、通透。
抬頭通過上面的平台，
看到藍天、白雲，
偶爾還有陽光；
低頭才發現身處天上人間，
領略飄然若仙的感受。
鋼格柵板，
營造衛生的場所，
不積灰、不積水、不積雪，
當然也防滑倒。
鋼格柵板，
結構科學剛性好，
自重輕承載力大。
鋼格柵板，
是您最佳結構的選擇，
是我誠摯的奉獻。

前言



STEEL BAR GRATING
PANEL SHAPE STRUCTURE MADE OF STEEL
USED AS INDUSTRIAL PLATFORM, WALKWAY AND STAIR TREAD
ALSO USED AS DRAINAGE COVER
STEEL BAR GRATING
OPEN, CLEAR AND VENTILATION
LOOK UP THROUGH ABOVE PLATFORM
CAN SEE BLUE SKY AND WHITE CLOUD
SOMETIMES SUNSHINE DOWN
LOOK UNDER FOOT AND FIND YOURSELF IN A HEAVENLY WORLD
AND CAN ENJOY SUPERNATURAL BEING
STEEL BAR GRATING
CAN CONSTRUCT CLEAN ENVIRONMENT
FREE OF ACCUMULATION DUST, WATER AND SNOW
ANTI-SLIP, TOO
STEEL BAR GRATING
WITH SCIENTIFIC STRUCTURE AND GOOD RIGIDITY
LIGHT SELF-WEIGHT AND BIG LOAD CAPACITY
STEEL BAR GRATING
IS YOUR BEST STRUCTURE CHOICE
IS OUR PLEASURE DEDICATION

公司簡介

BRIEF

Company:

We Qiaoshi Wiremesh factory, was established in 1995, one of the leading manufacturer of Metal wire mesh for both industrial and architectural applications in China. We set up a good relationship of cooperation with the vast number of customers at home and abroad.

Our factory had developed in 2004, Qiaoshi brought an advanced world-class Metal Etching machine and Steel grating machine, founded Qiaoshi Precision Metal Etching Factory. And we employed the high qualified staffs to control the quality throughout every procedure of the producing. The procedure in production is scientific, and the quality of finished products can meet to the international standard.

By the end of 2008, Qiaoshi (CHINA) International Trade Limited successfully founded in HongKong.

Our products have been sold to 5 Continents, over 30 countries including U.S.A, Germany, Korea, Italy, Belgium and some countries and regions in Southeast Asia, etc.

Products:

We was professional in producing and exporting of diversified wire mesh and cloth, that including Fence netting, Grassland fence, Stainless Steel screen, Hexagonal Wire Netting, Galvanized square wire mesh, Chain Link Fencing, Insect Screening, Barbed Wire, Razor wire, PVC mesh, and Filter mesh etc. We are specializing in manufacture Steel Grid panel and Mat with unusual features.

Qiaoshi Precision Metal Etching Factory process Metal keypads, Metal codedisc, screen of Headphone, screen of Razor, filter of Teapot, Dial, Scale Ruler, Name card, Label and Badges, Template, and Bookmarks etc.

Applications:

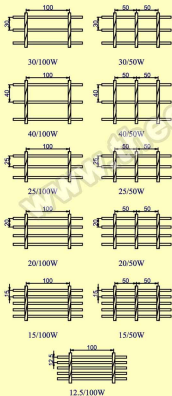
Our Products are widely used in Building, Oil, Chemistry, farming, sifting, sieving, filtering, Screening, Crafts, and gifts industry, etc. The Products are in a complete range of specifications. We sincerely hope to establish good business relationship with all the customers home and abroad on the basis of the mutual benefit, Also welcome to contact us or visit our factory any time.

壓焊鋼格板

由於結構強度牢固及易於機械化大規模製造，壓焊鋼格板是所有類型鋼格板中最常用的一種。普遍應用於一般工業設備及公共建築，廣泛用作平台、走道、安全護欄、排水溝蓋及通風孔蓋。

它是樓面地板的理想選擇，因為它能支撐了與實心地板同等的荷載，但降低了自重，節約材料和成本。並且，它的開敞性極大的保證了空氣、光線、熱量、水份和聲音的流通，提高場所的清潔度。

壓焊鋼格板是通過壓力電阻焊接形成的一個整體的板狀構件。負載扁鋼與橫杆，在接點處自動焊接，強大電流聚集的高溫度及壓力機的高壓力相結合，將合成牢靠的接點。橫杆提供了高強的連繫力，從而使鋼格板保持平坦，便於通行。

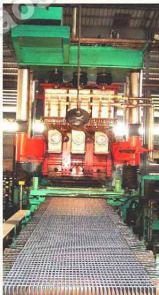


PRESSURE-WELDED GRATING

Pressure-welded grating is the most popular of all grating types due to its strength and ease of automatically mass production. Universally used in most general industrial plants as well as common buildings, it has wide applications as walkways, platforms, safety barriers, drainage covers and ventilation grates.

It is also ideal for use as mezzanine flooring since it supports the same loads as comparable solid flooring. More than that, its cost saving openness maximizes the circulation of air, light, heat, water and sound, while promoting cleanliness.

Pressure-welded grating is resistance welded to create a rugged, one piece constructed panel. The bearing bars are automatically resistance welded at the contact point with the cross bars and, under a combination of high heat and pressure, are fused together to form a permanent joint. The cross bars provide a high degree of rigidity, yet retain a smooth flat surface for free and easy walking.



壓鎖鋼格板

因其表面整潔美觀有極好的橫向支撐，低的自重及低的能耗，壓鎖鋼格板是非常受歡迎的鋼格板。它具有與壓焊鋼格板同樣的強度，使用壽命和開敞性，接點不需焊接，而是採用極大的壓力迫使橫杆變形而鎖定于負載扁鋼之中，或是將配合適當的圓槽和扁鋼結合在一起，通過強大壓力將橫杆深壓入圓槽的負載扁鋼中，從而達到永久性的鎖固。

PRESSURE-LOCKED GRATING

Pressure-locked grating is often desirable because of its clean, smooth look, excellent lateral support, light weight and cost-efficient. It exhibits the same strength, long life and openness as pressure-welded grating. Instead of welding the joints, however, tremendous hydraulic pressure is used to force cross bar deformation and locking into bearing bar, or bend the two close-tolerance slotted bars together, then force cross bar deep into the notched bearing bar by tremendous hydraulic pressure, which can achieve permanent locking.



33/100L



33/50L



33/66L



33/33L



33/20L



33/11L



25/100L



25/50L



20/100L



20/50L



15/100L



15/50L



12.5/100L



12.5/50L

30/100W 30/50W



扁鋼中心間距為30mm 壓焊鋼格柵 常用規格及安全荷載表

FLAT BAR GRATING 30 mm PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

型 號 TYPE	扁鋼 寬度 30/30 mm	扁鋼 厚度 16/23 mm	容許 重量 MASS kg/m ²	跨 距 SPAN mm															
				300	400	500	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
Q355/30/100W	65	5	U	2660	887	443	248	139	110	81	62	49	39	33	27	23	20	17	
			D	0.11	0.42	0.66	1.70	2.85	3.81	5.22	6.64	8.70	10.81	13.26	16.40	18.18	21.40	24.16	
			C	369	189	123	99	79	66	57	48	44	39	36	33	30	28	26	
Q355/30/100W	80	5	D	0.38	0.34	0.18	1.38	2.11	3.08	4.21	5.43	6.86	8.84	10.88	12.88	14.75	17.33	19.87	
			U	3400	850	377	212	136	94	69	53	42	34	28	23	20	17	15	
			D	0.11	0.48	1.02	1.84	2.89	4.15	5.68	7.45	9.50	11.76	14.28	16.72	20.19	23.25	27.20	
Q355/30/100W	80	5	C	340	170	113	88	68	56	48	42	37	34	31	28	26	24	22	
			D	0.38	0.37	0.60	1.40	2.31	3.36	4.52	5.80	7.46	9.49	11.59	13.71	16.31	18.66	21.63	
Q355/30/100W	55	5	U	2550	714	317	178	114	79	58	44	35	28	23	19	18	14	12	
			D	0.13	0.60	1.13	2.00	3.14	4.53	6.19	8.04	10.30	12.83	16.26	18.03	21.08	24.96	28.81	
			C	365	142	95	71	57	47	40	35	31	26	25	23	21	20	19	
Q355/30/100W	55	5	D	0.16	0.40	0.90	1.80	2.52	3.82	4.89	6.43	8.16	10.18	12.21	14.72	17.12	19.83	23.37	
			U	2363	680	282	147	94	65	48	36	29	23	19	16	13	12		
			D	0.14	0.55	1.24	2.30	3.45	4.97	6.82	8.79	11.30	13.80	16.88	20.18	22.95	26.63		
Q355/30/100W	30	3	C	236	118	78	58	47	39	33	28	23	21	19	18	16	16		
			D	0.11	0.44	0.90	1.77	2.77	3.98	5.39	7.11	9.14	11.36	13.71	16.26	18.75	22.33		
Q355/30/100W	50	3	U	1419	354	157	88	50	39	28	22	17	14	11	9	8			
			D	0.14	0.58	1.24	2.30	3.43	4.87	6.68	8.86	11.36	14.23	17.37	20.18	23.67			
			C	141	70	47	35	26	20	17	15	14	12	11	10				
Q355/30/100W	45	5	D	0.11	0.44	0.90	1.75	2.75	3.92	5.45	6.97	8.82	11.37	13.74	15.80	18.69			
			U	1812	478	212	118	78	63	38	29	23	19	16	13	11			
			D	0.15	0.60	1.30	2.45	3.83	5.58	7.52	9.73	12.44	15.76	19.38	22.73	26.75			
Q355/30/100W	45	5	C	181	85	53	47	38	31	27	23	21	19	17	16	14			
			D	0.12	0.48	1.00	1.84	3.02	4.36	6.06	7.76	10.16	12.72	15.31	17.76	21.30			
Q355/30/100W	40	5	U	1511	377	187	94	60	41	30	23	18	15	12	10				
			D	0.17	0.68	1.54	2.78	4.21	6.14	8.37	11.02	13.82	17.80	21.87	26.12				
			C	181	75	58	52	40	35	30	26	21	18	16	15	13			
Q355/30/100W	30	5	D	0.14	0.55	1.22	2.17	3.40	5.01	6.72	8.69	11.10	14.39	18.83	20.40				
			U	806	229	125	58	36	28	18	14	11	9	7					
			D	0.17	0.58	1.54	2.74	4.32	6.28	8.30	11.20	14.21	17.87	20.81					
Q355/30/100W	40	3	C	80	45	35	22	18	15	12	11	10	9	8					
			D	0.14	0.53	1.24	2.16	3.48	5.02	6.84	8.87	11.80	14.46	17.33					
Q355/30/100W	38	5	U	1155	289	128	72	45	32	23	18	14	11	9					
			D	0.20	0.79	1.77	3.18	4.84	7.17	9.81	13.02	16.34	19.85	23.80					
			C	115	67	38	28	20	16	14	12	11	10						
Q355/30/100W	30	5	D	0.18	0.62	1.40	2.40	3.87	5.78	7.89	10.14	12.52	15.82	19.51					
			U	884	173	77	43	27	19	14	10	8							
			D	0.28	0.79	1.77	3.14	4.84	7.11	9.77	12.03	15.66	18.66						
Q355/30/100W	30	3	C	89	34	23	17	13	11	9	8	7	6						
			D	0.18	0.62	1.41	2.49	3.78	5.82	7.29	9.71	12.38	14.88						
Q355/30/100W	32	5	U	867	241	127	60	36	26	19	15	11	9	7					
			D	0.22	0.88	1.94	3.44	5.25	7.84	10.42	14.13	18.81	21.17	24.49					
			C	86	48	32	24	19	16	13	12	10	9	8					
Q355/30/100W	32	3	D	0.17	0.58	1.55	2.76	4.30	6.36	8.21	11.40	13.75	17.17	20.85					
			U	580	145	84	38	23	16	11	9	7	5						
			D	0.21	0.86	1.05	3.45	5.41	7.88	10.58	14.15	17.60	19.82						
Q355/30/100W	32	3	C	58	29	19	14	11	9	8	7	6	5						
			D	0.17	0.68	1.52	2.89	4.76	6.82	8.64	11.15	13.81	16.11						
Q355/30/100W	25	5	U	590	147	88	36	20	15	12	9	7							
			D	0.28	1.13	2.47	4.35	6.82	9.82	13.90	17.99	22.30							
			C	58	28	18	14	11	9	8	7	6							
Q355/30/100W	25	3	D	0.22	0.87	1.05	3.30	5.25	7.58	10.71	14.17	17.61							
			U	354	88	38	22	14	9	7	5								
			D	0.28	1.13	2.47	4.43	6.84	9.38	13.58	16.82								
Q355/30/100W	25	3	C	35	17	11	9	7	5	4									
			D	0.22	0.85	1.80	3.24	5.58	7.02	11.18	13.98								
Q355/30/100W	20	5	U	377	84	41	23	15	10	7	5								
			D	0.34	1.57	3.05	5.44	8.73	12.21	16.07	19.95								
			C	37	18	12	9	7	6	5	4								
Q355/30/100W	33.0		D	0.27	1.06	2.30	4.38	6.87	9.88	13.28	16.25								
			U	320	56	25	14	9	6	4									
			D	0.34	1.37	3.12	5.83	8.76	12.27	15.48									
Q355/30/100W	20	3	C	32	11	7	5	4	3	3									
			D	0.27	1.07	2.32	3.86	6.30	8.34	12.37									

U-槽鋼安全係數可比較大均布荷載。
Safe uniform load, kN/m².

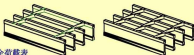
C-槽鋼安全係數可比較大均布荷載。
Safe concentrated load, kN/m.

D-槽鋼在允許荷載下可比較大均布荷載。
Max. deflection, mm.

槽鋼在允許荷載下可比較大均布荷載。
The left side of the green bold line in this table, those gratings not exceeds 4 mm deflection for uniform load of 25kN/m².

U-扁鋼安全負載許可負載最大為扁鋼載
Safe uniform load, kg/m^2
C-扁鋼安全負載許可負載最大為扁鋼載
Safe concentrated load, kg/m^2
D-扁鋼安全負載許可負載最大為扁鋼載
Max. deflection, mm
扁鋼間距為30mm時扁鋼間距為200mm
扁鋼間距為30mm時扁鋼間距為200mm
The left side of the green bold line in this table, those grating not exceeds 4 mm deflection for uniform load of 20kg/m^2 .

30/100WI 30/50WI

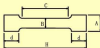


I型鋼中心間距為30mm 壓焊鋼格板 常用規格及安全荷載表

I BAR CENTERS 30 mm PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

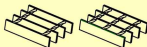
型 号 Type	资料参数 I bar section data					理论重量 kg/m	间距 Span mm																		
	材料 材料 mm	厚度 厚 mm	间距 間 mm	容许 容 mm	容许 容 mm		200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000				
							U	D	U	D	U	D	U	D	U	D	U	D	U	D	U	D	U	D	U
075/100WI	75	7	4	12	21.28	5.08	118.1	U	6480	1615	717	405	250	179	131	108	79	64	53	44	36	32	28		
118.1							D	5.09	0.37	8.65	1.47	2.36	3.31	4.58	5.86	7.47	9.35	11.29	13.30	15.69	18.11	20.99			
075/50WI	75	7	4	12	21.28	5.08	118.1	U	6480	323	215	181	129	107	82	60	58	53	49	46	43	40			
118.1							D	5.07	0.28	8.86	1.17	1.84	2.65	3.82	4.72	5.99	7.44	9.02	10.76	12.72	15.13	17.38			
085/100WI	85	7	4	10	13.74	4.28	100.2	U	4882	1215	563	303	196	138	99	79	60	48	40	33	28	24	21		
100.2							D	5.11	0.42	8.86	1.68	2.80	3.83	5.22	6.77	8.71	10.81	13.07	15.31	18.06	20.94	24.29			
085/50WI	85	7	4	10	13.74	4.28	100.2	U	4882	243	162	121	97	81	60	60	54	45	44	40	37	34	32		
100.2							D	5.05	0.34	9.76	1.35	2.12	3.07	4.17	5.44	7.05	8.96	11.03	13.00	15.60	17.12	19.95			
085/100WI	85	7	4	10	11.88	3.61	80.8	U	4216	1054	458	263	168	117	86	65	52	42	34	29	24	21	19		
80.8							D	5.11	0.48	1.03	1.80	2.86	4.13	5.85	7.31	9.40	11.62	13.95	16.81	19.29	22.92	25.87			
085/50WI	85	7	4	10	11.88	3.61	80.8	U	4216	210	140	105	84	70	60	52	45	42	38	35	32	30	28		
80.8							D	5.09	0.38	8.82	1.48	2.28	3.30	4.52	5.87	7.43	9.35	11.33	13.83	15.96	18.83	21.71			
085/100WI	85	7	4	8.33	3.33	3.33	64.4	U	3882	876	388	218	140	102	71	58	43	36	28	24	20	17	15		
64.4							D	5.13	0.58	1.13	2.00	3.10	4.50	6.17	8.03	10.29	12.82	15.11	18.44	21.32	24.98	28.74			
085/50WI	85	7	4	8.33	3.33	3.33	64.4	U	3882	175	118	87	70	58	60	43	38	35	31	29	26	25	23		
64.4							D	5.10	0.48	8.90	1.50	2.37	3.62	4.98	6.42	8.13	10.32	12.26	14.88	17.25	20.03	22.79			
085/100WI	85	7	4	6.33	3.33	3.33	77.9	U	2912	758	323	182	115	88	59	45	35	29	24	20	17	14	12		
77.9							D	5.14	0.55	1.24	2.25	3.44	4.94	6.78	8.85	11.38	14.67	17.14	20.37	24.01	28.88	30.81			
085/50WI	85	5	3	8.33	4.61	1.14	34.8	U	2891	165	98	72	58	48	41	38	32	29	26	24	22	20	18		
34.8							D	5.17	0.61	8.89	1.73	2.78	3.98	5.48	7.12	8.98	11.33	13.83	16.48	19.34	22.18	24.88			
085/100WI	85	5	3	8.33	4.61	1.14	20.3	U	1786	321	201	130	83	57	42	30	20	17	15	14	12	10			
20.3							D	5.14	0.58	1.25	2.29	3.44	4.91	6.73	8.79	11.38	13.97	16.97	19.88	23.11	26.84				
085/50WI	85	5	3	8.33	4.61	1.14	20.3	U	1786	160	92	41	34	29	25	23	20	18	17	16	14	14			
20.3							D	5.11	0.44	8.96	1.78	2.72	3.92	5.33	7.17	9.09	10.94	13.22	15.31	18.05	21.19				
0445/100WI	44	5	3	6	3.18	1.45	50.3	U	1954	413	183	103	66	45	35	25	20	15	13	11	9				
50.3							D	5.10	0.62	1.40	2.50	3.83	5.56	7.58	9.86	12.71	15.80	18.79	22.57	25.71	28.11				
0445/50WI	44	5	3	6	3.18	1.45	50.3	U	1954	82	55	41	33	27	23	20	18	16	15	13	12				
50.3							D	5.12	0.65	1.12	1.88	3.14	4.48	6.37	7.83	10.23	12.88	15.81	18.81	21.38					
0385/100WI	38	5	3	7	2.58	1.08	47.1	U	1248	311	138	77	49	34	25	19	16	12	10	8					
47.1							D	5.15	0.73	1.64	2.89	4.81	6.82	9.03	11.64	14.82	18.22	22.40	25.88						
0385/50WI	38	5	3	7	2.58	1.08	47.1	U	1248	62	41	31	24	20	17	15	13	12	11	10					
47.1							D	5.14	0.58	1.30	2.50	3.85	5.13	6.98	9.35	11.53	14.72	18.13	21.84						
0325/100WI	32	5	3	6	1.33	6.11	40.9	U	894	221	98	55	35	24	16	13	10	8	7						
40.9							D	5.21	0.88	1.84	3.44	5.37	7.68	10.74	13.55	16.88	20.45	24.38							
0325/50WI	32	5	3	6	1.33	6.11	40.9	U	894	44	29	22	17	14	12	11	10	8	8						
40.9							D	5.17	0.69	1.63	2.78	4.18	6.01	8.24	11.35	13.82	16.86	20.18							
0285/100WI	28	5	3	4.8	6.18	6.47	32.3	U	544	136	60	34	21	15	11	8									
32.3							D	5.25	1.18	2.47	4.45	6.70	10.06	13.77	17.35	21.05									
0285/50WI	28	5	3	4.8	6.18	6.47	32.3	U	544	27	18	13	10	8	7	6									
32.3							D	5.22	0.88	1.86	3.41	5.17	8.09	10.13	13.14	16.34									

U-槽钢和全开式槽钢以可锻铁为合适。
D-槽钢和全开式槽钢以可锻铁为合适。
C-槽钢和全开式槽钢以可锻铁为合适。
(Slightly noncorrosionized steel, 1/8in).



U-橫格板安全全滿載可加最大內荷載。
Safety uniform load, kg/m^2 ;
C-縱格板安全全滿載可加最大內荷載。
Safety concentrated load, kg/m ;
D-縱格板安全全滿載可加最大內荷載。
Max. deflection, mm.
適用範圍: 200mm 或更小的間距, 200mm 的
左側的綠色虛線在左側, 這些格柵不應超過 4mm
deflection for uniform load of 200mm.

40/100W 40/50W



扁鋼中心間距為40mm 壓焊鋼格板 常用規格及安全荷載表

FLAT BAR CENTERS 40 mm PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

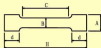
型 號 TYPE	扁鋼 厚度 SPRNG mm	扁鋼 間距 SPACE mm	容許 活載 ALLOW kg/m ²	跨距 SPAN mm													
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
40/100W	8	81.7	U	2962	748	302	187	119	83	61	48	38	30	24	20	17	15
			D	0.11	0.42	0.95	1.70	2.85	5.04	5.25	6.76	8.54	10.54	12.84	15.25	17.97	21.46
			C	288	149	88	74	59	49	42	37	33	29	27	24	23	21
40/100W	8	78.7	D	0.08	0.34	0.76	1.35	2.10	3.00	4.14	5.47	6.96	8.49	10.08	11.82	13.70	15.72
			U	2590	637	283	159	102	70	52	39	31	25	21	17	15	13
			D	0.11	0.48	1.05	1.84	2.88	4.12	5.69	7.32	9.06	11.87	14.91	18.24	21.91	25.72
40/100W	10	72.9	U	2055	517	235	135	86	59	43	33	26	21	17	14	12	11
			D	0.08	0.37	0.82	1.46	2.31	3.31	4.52	5.84	7.36	9.32	11.30	13.70	15.97	18.64
			C	255	127	65	55	44	36	31	28	25	23	21	19	18	17
40/100W	10	70.1	U	2142	536	258	133	86	59	43	33	26	21	17	14	12	10
			D	0.13	0.50	1.13	2.00	3.13	4.51	6.12	8.05	10.22	12.66	15.51	18.77	21.44	24.96
			C	214	107	71	59	47	39	33	29	26	23	21	19	17	15
40/100W	10	67.1	D	0.10	0.43	0.90	1.59	2.48	3.58	4.90	6.36	8.06	10.20	12.38	14.94	17.63	20.35
			U	1790	442	198	110	70	49	36	27	21	17	14	12	10	9
			D	0.14	0.58	1.24	2.20	3.43	5.00	6.83	8.79	11.22	13.89	16.84	20.18	23.08	26.18
40/100W	10	61.2	C	177	88	58	44	36	29	25	22	19	17	15	13	12	11
			D	0.11	0.44	0.99	1.76	2.75	3.98	5.45	7.20	9.33	11.85	14.81	18.22	21.44	24.96
			U	1592	395	178	98	62	42	29	21	16	13	10	8	7	6
40/100W	10	43.6	D	0.14	0.55	1.24	2.20	3.43	4.94	6.68	8.71	11.40	14.30	17.55	21.15	25.08	29.36
			C	166	83	55	39	31	27	23	20	17	15	13	11	10	9
			D	0.11	0.44	0.98	1.74	2.78	3.87	5.48	7.11	9.01	11.20	13.81	16.84	20.18	23.08
40/100W	10	38.6	U	1454	358	159	89	57	39	28	22	17	14	11	9	8	7
			D	0.15	0.61	1.38	2.44	3.83	5.48	7.58	9.85	12.38	15.23	18.45	22.15	26.08	30.36
			C	143	71	47	36	28	23	20	17	15	13	11	10	9	8
40/100W	10	35.4	D	0.12	0.49	1.09	1.82	2.82	4.31	5.99	7.67	9.72	12.54	15.84	19.47	23.54	28.14
			U	1133	283	128	70	45	31	23	17	13	11	9	7	6	5
			D	0.17	0.69	1.54	2.74	4.31	6.28	8.57	10.88	14.05	17.47	21.13	25.04	29.36	34.14
40/100W	10	48.6	C	113	58	37	28	22	19	16	14	12	11	10	9	8	7
			D	0.14	0.54	1.22	2.19	3.39	4.82	6.48	8.42	10.73	13.43	16.53	20.02	23.90	28.18
40/100W	10	35.3	U	880	170	75	42	27	18	13	10	8	6	5	4	3	2
			D	0.17	0.69	1.54	2.74	4.32	6.21	8.13	10.71	13.84	17.44	21.54	26.14	31.24	36.84
			C	88	34	22	17	13	11	9	8	7	6	5	4	3	2
40/100W	10	32.3	D	0.14	0.55	1.21	2.22	3.34	4.92	6.45	8.64	10.90	13.81	17.43	21.43	25.93	30.93
			U	867	216	98	54	34	24	17	13	10	8	7	6	5	4
			D	0.20	0.78	1.77	3.06	4.88	7.18	9.48	12.48	16.54	21.18	26.78	33.38	40.98	49.58
40/100W	10	43.8	C	80	40	28	21	17	14	12	10	9	8	7	6	5	4
			D	0.18	0.62	1.38	2.48	3.81	5.61	7.71	9.70	12.57	15.83	19.42	23.42	27.92	32.92
			U	830	190	87	50	30	14	10	8	6	5	4	3	2	1
40/100W	10	21.6	D	0.28	0.79	1.95	3.12	4.79	7.08	9.34	12.05	15.62	20.04	25.44	31.84	39.24	47.64
			C	82	28	17	13	10	8	7	6	5	4	3	2	1	0
			D	0.18	0.60	1.40	2.54	3.85	5.37	7.03	8.75	11.77	15.27	19.27	23.77	28.77	34.27
40/100W	10	38.6	U	725	181	80	45	29	20	14	11	9	7	6	5	4	3
			D	0.21	0.88	1.85	3.45	5.45	7.84	10.28	13.06	16.38	20.38	25.18	30.78	37.38	44.98
			C	72	36	24	19	14	12	10	9	8	7	6	5	4	3
40/100W	10	40.3	D	0.17	0.68	1.55	2.76	4.23	6.21	8.43	11.44	14.85	18.85	23.45	28.65	34.45	40.85
			U	436	108	48	27	17	12	8	6	5	4	3	2	1	0
			D	0.21	0.88	1.95	3.45	5.34	7.86	10.60	13.72	17.13	21.13	25.73	30.93	36.73	43.13
40/100W	10	38.4	C	43	21	14	10	8	7	6	5	4	3	2	1	0	0
			D	0.17	0.67	1.50	2.66	4.04	6.18	8.47	10.70	13.45	16.75	20.45	24.65	29.35	34.55
			U	442	110	49	27	17	12	9	7	6	5	4	3	2	1
40/100W	10	38.1	D	0.27	1.13	2.48	4.38	6.74	9.84	13.84	18.15	23.15	28.75	34.95	41.75	49.15	57.15
			C	44	22	14	11	9	7	6	5	4	3	2	1	0	0
			D	0.22	0.88	1.90	3.55	5.10	7.19	10.74	13.90	17.80	22.40	27.60	33.40	39.80	46.80
40/100W	10	34.3	U	265	66	29	16	10	7	5	4	3	2	1	0	0	0
			D	0.27	1.13	2.45	4.30	6.83	9.71	13.02	17.02	21.92	27.62	34.12	41.42	49.42	58.12
			C	36	13	8	6	5	4	3	2	1	0	0	0	0	0
40/100W	10	21.3	D	0.22	0.87	1.81	3.24	5.33	7.48	9.12	11.74	14.74	18.24	22.24	26.74	31.74	37.24
			U	265	76	31	17	11	7	5	4	3	2	1	0	0	0
			D	0.24	1.38	3.08	5.37	8.58	11.48	15.45	20.15	25.15	30.55	36.55	43.15	50.35	58.15
40/100W	10	26.3	C	38	14	9	7	6	5	4	3	2	1	0	0	0	0
			D	0.27	1.09	2.39	4.44	6.28	8.94	11.94	15.34	19.14	23.34	27.94	32.94	38.34	44.14
			U	170	42	18	10	6	4	3	2	1	0	0	0	0	0
40/100W	10	20.6	D	0.34	1.57	3.56	5.58	7.84	11.32	15.58	20.58	26.38	32.98	39.98	47.38	55.58	64.58
			C	17	8	5	4	3	2	1	0	0	0	0	0	0	0
			D	0.28	1.04	2.22	4.25	6.32	7.32	12.08	16.08	20.48	25.28	30.48	36.08	42.08	48.48

U-均布荷載安全荷載設計值均布荷載。
Safe uniform load, kg/m^2 .

D-集中荷載安全荷載設計值最大均布荷載。
Safe concentrated load, kg/m^2 .

C-均布荷載安全荷載設計值均布荷載。
Max. deflection, mm.

綠色標線左方區域的標線標記 240kg/m² 均布荷載的以下及最大標記小於 4 mm。
The left side of the green bold line is the deflection, those grating not exceeds 4 mm deflection for uniform load of 240kg/m².



33/100L 33/50L

扁鋼中心間距為33mm 壓鎖鋼板 常用規格及荷載表

FLAT BAR CENTERS 33mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS



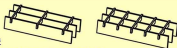
型 號 TYPE	扁鋼 寬度 DEPTH mm	扁鋼 厚度 THICK mm	扁鋼尺寸 GRID BAR SIZE mm	容許重量 MASS kg/m²	間 距 SPAN mm													
					200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
08033/50L	80	3	2002	57.1	U 1860	417	185	104	66	46	34	26	30	18	13	11	9	8
					D 0.11	0.46	1.03	1.84	2.86	4.14	5.69	7.49	9.25	11.35	13.80	16.41	18.98	22.35
				53.6	C 1860	80	88	41	33	27	23	20	16	14	10	13	12	11
08033/100L	80	2	2002	41.4	U 1112	279	123	69	44	30	22	17	13	11	9	7	6	
					D 0.11	0.46	1.03	1.83	2.86	4.08	5.63	7.33	9.04	11.11	14.13	16.76	18.75	
				38.0	C 1111	55	37	37	22	18	15	13	12	11	10	9	8	
09033/50L	90	3	2002	48.7	U 1950	250	128	72	48	32	23	18	14	11	9	8	6	
					D 0.14	0.55	1.23	2.28	3.44	4.99	6.88	8.97	11.25	13.58	16.41	20.78		
				45.4	C 1950	87	38	38	23	19	16	14	12	11	10	9	8	
09033/100L	90	2	2002	36.6	U 1732	193	85	48	30	21	15	12	9	7	6	5	4	
					D 0.14	0.55	1.23	2.26	3.37	4.80	6.66	8.88	10.88	13.02	15.61	18.67		
				32.3	C 1732	36	25	19	15	13	11	9	8	7	6	5	4	
04033/50L	40	3	1002	41.2	U 838	234	104	58	37	26	19	14	11	9	7	6	5	
					D 0.15	0.61	1.58	2.43	3.60	5.57	7.96	10.9	12.9	15.12	17.88	21.50		
				38.6	C 838	48	31	23	18	15	13	11	9	8	7	6	5	
04033/100L	40	2	1002	28.3	U 805	158	69	39	25	17	12	9	7	6	5	4	3	
					D 0.18	0.81	1.37	2.48	3.88	5.88	7.79	10.27	11.88	14.31	16.84			
				27.6	C 802	31	26	15	12	10	8	7	6	5	4	3	2	
04033/50L	40	3	1002	37.0	U 741	188	83	45	28	20	15	11	9	7	6	5	4	
					D 0.17	0.69	1.55	2.21	3.45	5.11	6.54	10.77	14.21	17.09	21.53			
				35.3	C 741	37	24	18	14	12	10	9	8	7	6	5	4	
04033/100L	40	2	1002	26.9	U 694	123	54	30	19	13	10	7	6	5	4	3	2	
					D 0.17	0.69	1.53	2.88	4.18	5.87	8.05	10.31	14.24	14.73				
				24.6	C 694	24	18	12	9	8	7	6	5	4	3	2	1	
08033/50L	80	3	1002	30.5	U 987	167	83	35	22	16	11	8	7	6	5	4	3	
					D 0.20	0.76	1.77	3.13	4.62	6.66	9.30	11.77	15.58	18.35				
				31.1	C 986	29	18	14	11	9	8	7	6	5	4	3	2	
08033/100L	80	2	1002	23.6	U 1760	94	42	23	15	10	7	5	4	3	2	1		
					D 0.20	0.76	1.77	3.08	4.63	6.67	8.89	11.08	14.35					
				21.9	C 1711	19	13	9	7	6	5	4	3	2	1			
09033/50L	90	3	1002	28.6	U 1117	124	48	25	16	11	8	7	6	5	4	3	2	
					D 0.23	0.92	2.06	3.68	5.66	8.02	10.60	14.09	18.87					
				26.9	C 1111	29	13	10	8	6	5	4	3	2	1			
09033/100L	90	2	1002	20.7	U 1118	171	100	50	30	20	14	10	8	7	6	5	4	
					D 0.23	0.91	2.05	3.83	5.70	7.87	10.28	14.13						
				19.0	C 1118	89	161	257	432	599	795	1075						
09033/50L	90	3	1002	24.4	U 1089	122	32	18	11	8	5	4	3	2	1			
					D 0.27	1.10	2.48	4.43	6.66	10.12	13.80	18.42						
				22.7	C 1089	14	9	7	5	4	3	2	1					
09033/100L	90	2	1002	17.6	U 1089	48	21	12	7	5	3	2	1					
					D 0.28	1.10	2.44	4.43	6.57	9.52	13.80	18.42						
				16.1	C 1032	88	64	43	28	20	14	10	8	7	6	5	4	
09033/50L	90	3	1002	20.2	U 1089	48	20	11	7	5	3	2	1					
					D 0.24	1.17	3.03	5.31	8.32	12.48	16.16							
				18.5	C 1089	9	5	4	3	2	1							
09033/100L	90	2	1002	14.9	U 1230	30	13	7	4	3	2	1						
					D 0.24	1.34	2.99	5.08	7.19	11.28	14.12							
				13.2	C 1230	6	4	3	2	1								

U 靜載安全承載力可容納人員均布荷載。
Safe uniform load, 400N/m².
C 靜載安全承載力可容納最大點荷。
Safe concentrated load, 1400N.
D 靜載安全承載力可容納均布最大點荷。
Max. deflection, mm.
綠色粗線左方區域為危險區 (Danger) 的
為右側粗線右方最大點荷小於 4 mm。
The left side of the green bold line in this
table, these gratings not exceeds 4 mm
deflection for uniform load of 400N/m².

33/66L 33/33L

扁鋼中心間距為33mm 壓鎖鋼格板 常用規格及荷載表

FLAT BAR CENTERS 33mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS



型 号 TYPE	扁鋼 厚度 mm	扁鋼 長度 mm	扁鋼尺寸 33x33 mm	容許重量 kg/m ²	跨距 SPAN mm													
					200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
0803/3303L	80	3	2002	80.5	U 9559	417	165	194	66	48	34	26	20	16	13	11	9	8
					G 2111	0.48	1.83	1.88	2.88	4.14	5.73	7.47	9.26	11.28	13.62	16.44	18.72	22.94
0803/3306L	80	3	2002	55.4	U 956	83	65	41	33	27	21	30	18	16	15	13	12	11
					G 2089	0.57	0.82	1.45	2.28	3.25	4.42	5.76	7.45	9.18	11.51	13.15	15.55	18.01
0803/3303L	80	2	2002	44.8	U 1112	278	123	89	44	30	22	17	13	11	9	7	6	
					G 2111	0.48	1.83	1.83	2.88	4.06	5.54	7.34	9.05	11.73	14.16	16.79	18.80	
0803/3306L	80	2	2002	38.7	G 115	35	37	27	23	18	15	13	12	11	10	9	8	
					G 2089	0.56	0.83	1.43	2.28	3.26	4.34	5.68	7.47	9.47	11.88	13.85	15.83	
0803/3303L	80	3	2002	52.1	U 1159	286	128	72	46	32	23	16	14	11	9	8		
					G 2114	0.50	1.23	2.30	3.45	4.88	6.68	8.87	11.28	13.85	16.44	20.82		
0803/3306L	80	3	2002	47.1	G 118	87	36	28	23	19	16	14	12	11	10	9		
					G 2111	0.43	0.86	1.72	2.78	3.87	5.34	7.03	8.66	10.89	13.44	15.90		
0803/3303L	50	2	2002	30.5	U 172	183	85	48	30	21	15	12	9	7	6	5		
					G 2114	0.59	1.23	2.30	3.57	4.82	6.55	8.58	10.90	13.58	16.50	19.68		
0803/3306L	50	2	2002	33.8	G 177	38	25	19	15	12	11	9	7	6	5	4		
					G 2111	0.43	0.87	1.75	2.71	3.77	5.03	6.82	8.45	10.88	13.75	16.88		
0803/3303L	48	3	1802	42.8	U 999	234	104	58	37	25	18	14	11	9	7	6		
					G 2105	0.61	1.36	2.43	3.80	5.37	7.58	9.85	12.17	15.29	17.82	21.58		
0803/3306L	48	3	1802	40.3	G 90	46	31	25	18	15	13	11	10	9	8	7		
					G 2102	0.48	1.16	1.60	2.97	4.30	5.91	7.86	9.91	12.38	14.81	17.98		
0803/3303L	45	2	1802	31.8	U 629	156	68	39	25	17	12	9	7	6	5	4		
					G 2105	0.61	1.37	2.48	3.84	5.47	7.52	9.28	11.68	15.33	18.87			
0803/3306L	45	2	1802	28.5	G 92	31	20	15	11	10	8	7	6	5	4	3		
					G 2102	0.48	1.28	1.89	3.37	4.31	5.82	7.28	8.89	12.40	14.20			
0803/3303L	40	3	1802	36.7	U 146	185	82	46	29	20	15	11	9	7	6	5		
					G 2117	0.69	1.55	1.75	4.25	6.11	8.54	10.78	14.22	17.84	21.59			
0803/3306L	40	3	1802	30.1	G 16	37	24	18	14	12	10	9	8	7	6	5		
					G 2114	1.19	1.21	2.70	3.50	4.91	6.68	8.68	11.35	13.85	16.81			
0803/3303L	40	2	1802	28.1	U 491	121	54	30	19	13	10	7	6	5	4	3		
					G 2117	0.69	1.83	2.69	4.18	5.87	8.08	10.32	14.38	16.78				
0803/3306L	40	2	1802	25.8	G 40	34	16	12	9	8	7	6	5	4	3	2		
					G 2114	0.54	1.21	2.19	3.19	4.82	6.89	8.85	10.11	12.28				
0803/3303L	38	3	1802	34.5	U 987	141	65	36	22	15	11	8	7	6	5	4		
					G 2120	0.79	1.77	3.13	4.82	6.87	9.43	11.78	16.00	19.38				
0803/3306L	38	3	1802	31.8	G 38	28	18	14	11	9	8	7	6	5	4	3		
					G 2105	0.62	1.36	2.61	3.87	5.82	7.88	10.36	13.82	14.82				
0803/3303L	35	2	1802	25.3	U 579	94	42	23	15	10	7	5	4					
					G 2120	0.78	1.77	3.09	4.84	6.88	9.02	11.10	14.38					
0803/3306L	35	2	1802	22.7	G 37	18	12	9	7	6	5	4	3	2				
					G 2105	0.60	1.35	2.42	3.79	5.59	7.43	9.88	12.88					
0803/3303L	30	3	1802	30.3	U 477	184	88	28	16	11	8							
					G 2120	0.92	3.08	3.69	5.58	8.65	10.98	14.11	18.00					
0803/3306L	30	3	1802	27.7	G 41	20	13	10	8	7	6	5	4					
					G 2105	0.71	1.85	2.80	4.48	6.80	7.82	11.88	13.78					
0803/3303L	30	2	1802	22.4	U 579	86	30	17	11	7	5	4						
					G 2120	0.81	2.32	3.63	5.77	7.88	10.28	14.18						
0803/3306L	30	2	1802	19.8	G 27	13	9	6	5	4	3	2						
					G 2105	0.69	1.81	2.57	4.22	5.96	7.17	10.78						
0803/3303L	25	3	1802	30.1	U 289	72	32	18	11	8	6							
					G 2127	1.10	2.48	4.43	6.58	10.13	11.92	15.45						
0803/3306L	25	3	1802	23.8	G 28	14	9	7	5	4	3	2						
					G 2121	0.80	1.86	3.46	4.88	6.84	10.84	12.88						
0803/3303L	25	2	1802	19.5	U 193	46	31	12	7	5	3	2						
					G 2126	1.10	2.44	4.44	6.38	9.53	10.83	18.47						
0803/3306L	25	2	1802	17.9	G 18.32	8.66	6.44	4.83	3.86	3.22	2.78	2.41						
					G 2121	0.80	2.38	3.58	5.05	6.23	11.35	15.86						
0803/3303L	20	3	1802	21.8	U 185	46	30	11	7	5	3							
					G 2134	1.37	3.83	6.31	8.30	12.47	14.29							
0803/3306L	20	3	1802	19.3	G 19	9	6	4	3	3	2							
					G 2127	1.07	2.43	3.88	5.78	10.07	11.02							
0803/3303L	30	3	1802	10.8	U 129	36	15	7	4	3	2							
					G 2134	1.34	2.86	5.08	7.18	11.31	14.28							
0803/3306L	30	3	1802	14.1	G 12	8	4	3	2	2	1							
					G 2127	1.07	2.43	4.37	5.86	10.11	8.55							

U-扁鋼安全負載許可值大為保守值。
Safe uniform load, kg/m².
C-扁鋼安全負載許可值大為保守值。
Safe concentrated load, kg/m.
D-扁鋼安全負載許可值大為保守值。
Max. deflection, mm.
扁鋼間距大於33mm的鋼格板按250kg/m²的
均布負載許可值其安全度減小4mm。
The flat bars of the green font line in this
table. Please grating's not exceeds 4 mm
deflection for uniform load of 250kg/m².

25/100L 25/50L



扁鋼中心間距為25mm 壓鎖鋼格柵 常用規格及荷載表

FLAT BAR CENTERS 25mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS

型 号 TYPE	扁鋼 厚度 mm	扁鋼 間距 mm	鋼板尺寸 mm	容許重量 kg/m ²	荷 重 SPAN mm																	
					300	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000			
Q403-25/50L	8	3	2032	72.4	U	2020	380	244	137	88	61	44	34	27	22	18	15	13	11	9		
					D	0.11	0.40	1.03	1.83	2.68	4.16	5.58	7.38	9.45	11.80	14.23	16.64	20.32	23.34	25.48		
					C	330	110	75	55	44	36	31	27	24	22	20	18	16	15	14		
Q403-25/100L	8	3	2032	68.0	U	1408	537	342	147	231	328	431	530	630	731	831	1138	1367	1583	1748		
					D	0.08	0.27	0.82	1.47	2.31	3.28	4.31	5.30	6.30	7.31	8.31	11.38	13.67	15.83	17.48		
					C	148	73	48	38	29	24	20	18	16	14	12	10	8	7	6		
Q403-25/50L	10	3	2032	81.5	U	1408	367	165	90	81	42	31	23	18	15	12	10	8	7	6		
					D	0.11	0.40	1.03	1.83	2.68	4.16	5.58	7.38	9.45	11.80	14.23	16.64	18.70	22.40			
					C	148	73	48	38	29	24	20	18	16	14	12	11	10	9	8		
Q403-25/100L	10	3	2032	48.2	U	0.08	0.27	0.81	1.45	2.29	3.28	4.37	5.50	7.52	9.11	11.34	13.71	16.14	18.55			
					D	0.10	0.38	0.90	1.56	2.30	3.48	4.86	6.61	8.68	10.96	14.00	16.64	18.70	24.57			
					C	150	78	51	38	30	25	21	19	17	15	13	12	11	10	9		
Q403-25/50L	12	3	2032	61.8	U	1030	382	170	90	81	42	31	23	18	15	12	10	8	7	6		
					D	0.14	0.50	1.24	2.30	3.48	4.86	6.61	8.68	10.96	14.00	16.64	18.70	24.57				
					C	150	78	51	38	30	25	21	19	17	15	13	12	11	10	9		
Q403-25/100L	12	3	2032	58.1	U	1030	382	170	90	81	42	31	23	18	15	12	10	8	7	6		
					D	0.11	0.44	0.88	1.76	2.73	3.80	5.30	7.21	9.20	11.30	13.58	15.87	18.54	21.48			
					C	102	51	34	25	20	17	14	12	11	10	9	8	7	6	5		
Q403-25/50L	16	3	2032	44.1	U	1238	308	137	77	69	34	25	19	15	12	10	8	7	6	5		
					D	0.18	0.61	1.37	2.48	3.85	5.81	7.88	9.88	12.71	15.47	18.58	21.73	25.57	29.87	34.67		
					C	124	61	41	30	24	20	17	15	13	12	11	10	9	8	7	6	
Q403-25/100L	16	3	2032	40.7	U	1238	308	137	77	69	34	25	19	15	12	10	8	7	6	5		
					D	0.12	0.48	1.10	1.81	2.60	3.54	4.60	5.70	6.80	7.90	9.00	10.34	11.80	13.34	14.80		
					C	102	51	34	25	20	17	14	12	11	10	9	8	7	6	5		
Q403-25/50L	20	3	2032	37.0	U	826	298	81	33	33	22	16	12	10	8	7	6	5	4	3		
					D	0.15	0.61	1.37	2.43	3.66	5.36	7.20	9.00	10.90	12.90	15.44	17.90	20.90	23.90	26.90		
					C	82	41	27	20	16	13	11	10	9	8	7	6	5	4	3		
Q403-25/100L	20	3	2032	36.3	U	826	298	81	33	33	22	16	12	10	8	7	6	5	4	3		
					D	0.12	0.48	1.08	1.81	2.60	3.54	4.60	5.70	6.80	7.90	9.00	10.34	11.80	13.34	14.80		
					C	82	41	27	20	16	13	11	10	9	8	7	6	5	4	3		
Q403-25/50L	25	3	2032	41.1	U	919	244	108	61	56	27	19	15	12	10	8	7	6	5	4		
					D	0.17	0.69	1.54	2.70	4.13	5.78	8.20	11.01	14.34	18.08	21.71	25.87	29.87	34.67			
					C	97	48	32	24	19	16	13	12	11	10	9	8	7	6	5		
Q403-25/100L	25	3	2032	40.4	U	919	244	108	61	56	27	19	15	12	10	8	7	6	5	4		
					D	0.14	0.54	1.22	2.10	3.28	4.86	6.45	8.95	12.15	15.42	18.70	22.00	25.30	28.60	31.90		
					C	87	48	32	24	19	16	13	12	11	10	9	8	7	6	5		
Q403-25/50L	30	3	2032	33.2	U	872	183	72	40	26	18	13	10	8	7	6	5	4	3	2		
					D	0.17	0.69	1.54	2.72	4.30	6.25	8.42	11.12	14.36	18.02	21.47	25.47	29.47	33.47	37.47		
					C	85	32	21	16	13	10	9	8	7	6	5	4	3	2	1		
Q403-25/100L	30	3	2032	31.5	U	872	183	72	40	26	18	13	10	8	7	6	5	4	3	2		
					D	0.14	0.54	1.20	2.10	3.47	4.86	6.70	8.98	11.30	13.68	16.10	18.50	20.90	23.30	25.70		
					C	85	32	21	16	13	10	9	8	7	6	5	4	3	2	1		
Q403-25/50L	36	3	2032	41.1	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2		
					D	0.20	0.79	1.77	3.11	4.85	6.83	9.08	12.23	16.10	19.87	24.53	29.17	33.83	38.47	43.13		
					C	74	37	24	18	14	12	10	9	8	7	6	5	4	3	2		
Q403-25/100L	36	3	2032	40.0	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2		
					D	0.16	0.62	1.37	2.44	3.73	5.57	7.44	10.08	12.90	15.70	18.50	21.30	24.10	26.90	29.70		
					C	68	34	22	16	13	10	9	8	7	6	5	4	3	2	1		
Q403-25/50L	40	3	2032	26.5	U	1260	124	55	31	18	13	10	7	5	4	3	2	1	0	0		
					D	0.20	0.75	1.78	3.15	4.74	6.76	9.70	13.71	18.68	24.00	29.67	35.33	41.00	46.67	52.33		
					C	49	24	16	12	10	8	7	6	5	4	3	2	1	0	0		
Q403-25/100L	40	3	2032	27.8	U	1260	124	55	31	18	13	10	7	5	4	3	2	1	0	0		
					D	0.16	0.61	1.37	2.44	4.00	5.87	7.81	10.18	12.17	14.17	16.17	18.17	20.17	22.17	24.17		
					C	50	137	81	34	22	15	11	8	6	5	4	3	2	1	0	0	
Q403-25/50L	50	3	2032	26.2	U	1230	137	61	34	22	15	11	8	6	5	4	3	2	1	0	0	
					D	0.23	0.81	2.07	3.66	5.85	8.27	11.30	14.21	17.31	20.22	23.22	26.22	29.22	32.22	35.22		
					C	86	27	18	13	11	9	7	6	5	4	3	2	1	0	0	0	
Q403-25/100L	50	3	2032	34.5	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2	1	
					D	0.16	0.72	1.83	2.81	4.67	6.85	9.30	12.08	15.40	18.60	21.80	25.00	28.20	31.40	34.60		
					C	67	34	22	16	13	10	9	8	7	6	5	4	3	2	1	0	
Q403-25/50L	60	3	2032	25.8	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2	1	
					D	0.23	0.81	2.03	3.65	5.58	8.28	11.65	15.38	19.38	23.38	27.38	31.38	35.38	39.38	43.38		
					C	36	18	12	9	7	6	5	4	3	2	1	0	0	0	0	0	
Q403-25/100L	60	3	2032	24.1	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2	1	
					D	0.18	0.72	1.83	2.81	4.48	6.88	9.82	13.82	18.82	23.82	28.82	33.82	38.82	43.82	48.82		
					C	36	18	12	9	7	6	5	4	3	2	1	0	0	0	0	0	
Q403-25/50L	80	3	2032	20.7	U	1410	187	85	48	29	20	15	11	9	7	6	5	4	3	2	1	
					D	0.27	1.10	2.48	4.29	6.87	9.58	12.58	15.57	18.57	21.57	24.57	27.57	30.57	33.57	36.57	39.57	
					C	36	18	12	9	7	6	5	4	3	2	1	0	0	0	0	0	0
Q403-25/100L	80	3	2032	20.0	U	0.22	0.86	1.98	3.37	5.19	7.73	10.50	13.62	16.12	18.12	20.12	22.12	24.12	26.12	28.12		
					D	0.25	0.90	2.38	4.20	6.10	8.10	10.10	12.10	14.10	16.10	18.10	20.10	22.10	24.10	26.10	28.10	
					C	0.22	0.83	1.88	3.27	5.02	7.73	10.40	13.10	15.80	18.50	21.20	23.90	26.60	29.30	32.00	34.70	
Q403-25/50L	100	3	2032	25.3	U	1444	61	27	15	8	5	3	2	1	0	0	0	0	0	0	0	
					D	0.34	1.30	3.10	5.48	8.13	11.34	15.04	18.58	22.08	25.58	29.08	32.58	36.08	39.58	43.08	46.58	
					C	24	12	8	6	4	3	2	1	0	0	0	0	0	0	0	0	0
Q403-25/100L	100	3	2032	23.6	U	0.27	1.06	2.46	4.40	6.62	9.13	12.34	15.58	18.82	22.06	25.30	28.54	31.78	35.02	38.26	41.50	
					D	0.30	1.08	2.48	4.50	6.72	9.12	11.52	13.92	16.32	18.72	21.12	23.52	25.92	28.32	30.72	33.12	35.52
					C	0.27	1.06	2.46	4.40	6.62	9.13	12.34	15.58	18.82	22.06	25.30	28.54	31.78	35.02	38.26	41.50	44.74
Q403-25/50L	120	3	2032	18.3	U	163	40	19	10	5	3	2	1	0	0	0	0	0	0	0	0	
					D	0.34	1.30	3.10	5.48	8.12	11.37	15.00	18.50	22.00	25.50	29.00	32.50	36.00	39.50	43.00	46.50	50.00
					C	16	8	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0
Q403-25/100L	120	3	2032																			

操作平台鋼格板的安全規定

SAFETY WORKING PLATFORM GRATINGS

國際標準 ISO 14122-2《機械安全 進入機械和工業設備的固定設施 第2部份 工作平台和通道》，強調了工作平台或通道地板的安全。

這裏引述了其中一條規定：

4. 2. 4. 4 避免由墜落物體引起的危險

-工作平台或通道地板最大開口應不能讓直徑 35mm 的球體通過其下落。

-在有人的地方上面的地板最大開口應不能使直徑 20mm 的球體通過其下落，否則應採用其他適當設施保證同等的安全水平。
中國國家強制性標準 GB17888. 2 也作出了同樣的規定。

International Standard ISO 14122-2 Safety of Machinery – Permanent Means of Access to Machinery and Industrial Equipment - Part 2: Working Platform and Walkways emphasizes the safety of working platform or walkways.

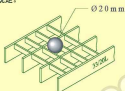
Here one stipulation is cited as following.

4.2.4.4 Hazards generated by falling objects

-The flooring of a working platform or walkway shall only have such maximum openings that a ball with a diameter of 35mm cannot fall through.

-Floorings above a place where people are working, as opposed to occasional passage, shall have such maximum openings that a ball with a diameter of 20mm cannot fall through unless the same safety is guaranteed by other suitable means.

The same particular is stipulated in China National Compelling Standard GB17888.2



操作平台鋼格板的安全規格

 20/100W	 20/50W	 33/20L	 33/11L
 15/100W	 15/50W	 20/100L	 20/50L
 12.5/100W		 15/100L	 15/50L
		 12.5/100L	 12.5/50L

20/100W 20/50W



扁鋼中心間距為20mm 壓焊鋼格板 常用規格及安全荷載表

FLAT BAR CENTERS 20 IN. PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

型号 TYPE	最高 速度 MAX SPEED	最高 转矩 MAX TORQUE	理论重量 THEORY WEIGHT kg/pcs	额定功率 KW															
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
G0503058M	30	5	130.3	D	9100.50	1275.20	388.67	218.75	206.50	141.87	104.08	79.69	62.86	51.20	42.15	35.42	30.18	26.23	22.87
G05030120M			130.3	C	9100.50	255.00	170.00	127.50	100.50	85.00	72.86	63.75	56.87	51.20	46.38	42.00	39.23	36.43	34.08
G0503058M			130.3	D	508	337	583	147	231	334	438	586	742	847	947	1103	1232	1363	1512
G0503058M	30	8	127.3	D	4395.42	1871.36	476.16	297.64	171.42	119.84	87.48	66.96	52.91	42.95	35.42	28.79	25.36	21.86	19.05
G05030180M			124.3	D	013	650	113	2.21	3.15	4.55	6.21	8.15	10.36	12.86	15.85	18.74	22.15	25.87	29.83
G0503058M			124.3	C	428.64	214.27	142.86	101.14	86.71	71.42	61.22	53.87	47.42	42.86	38.96	36.71	34.96	33.61	32.67
G0503058M	50	5	118.3	D	019	640	980	1.87	2.52	3.65	4.99	6.55	8.34	10.36	12.82	15.14	17.62	20.87	24.31
G05030180M			113.3	D	354.17	171.08	118.06	86.54	70.83	59.03	50.60	44.27	39.35	35.42	32.29	29.84	27.54	25.36	23.81
G0503058M			113.3	D	011	546	886	1.77	2.78	4.02	5.60	7.32	9.29	11.43	13.86	16.74	19.83	23.32	26.94
G0503058M	30	3	70.8	D	2105	591	298	130	85	66	43	33	26	21	18	16	15	11	
G05030180M			70.8	D	014	655	124	2.21	3.47	5.07	6.85	8.89	11.44	14.20	17.30	20.74	24.50	28.66	
G0503058M			70.8	C	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212
G4803058M	40	5	130.2	D	011	686	267	7.84	13.76	23.77	37.19	56.30	80.32	110.23	149.77	199.52	249.46	302.95	
G48030120M			130.2	D	2860.70	711.19	218.75	179.30	114.76	79.89	58.65	44.62	35.42	28.89	23.71	19.92	16.87	14.84	
G4803058M			130.2	D	018	641	138	248	3.88	5.87	7.62	10.00	12.73	16.02	19.27	23.11	27.38	32.00	
G4803058M	40	3	67.8	D	360.88	143.44	86.65	71.72	57.38	47.81	40.98	35.86	31.66	28.56	26.04	23.67	21.46		
G48030120M			67.8	D	012	649	130	187	3.08	4.47	6.12	8.04	10.26	12.79	15.57	18.71	22.19	26.01	
G4803058M			67.8	D	1721	430	191	907	66	47	36	28	21	17	14	11	10		
G48030180M	40	3	64.8	D	015	661	136	245	5.91	5.48	7.99	9.66	12.80	15.85	19.01	21.48	26.05		
G4803058M			64.8	C	102	88	97	43	34	28	24	21	19	17	15	14	13		
G4803058M			64.8	D	012	640	130	187	3.08	4.37	6.06	7.87	10.20	12.83	16.00	18.74	21.86		
G4803058M	40	5	94.2	D	2365.87	586.97	221.85	141.67	90.37	62.91	46.25	35.42	27.86	22.87	18.73	15.74	13.41		
G48030120M			94.2	D	017	648	138	247	4.24	6.29	8.88	11.38	14.37	17.87	21.82	26.18	30.14		
G4803058M			94.2	C	236.87	113.30	75.56	56.67	45.31	37.19	32.58	28.35	25.49	22.67	20.61	18.60	17.44		
G4803058M	40	3	60.3	D	014	655	124	2.21	3.47	5.07	6.85	8.89	11.44	14.20	17.30	20.74	24.50		
G48030120M			60.3	D	1360	340	161	77	48	37	27	21	16	13	11	9			
G4803058M			60.3	D	017	659	135	237	4.31	6.15	8.57	11.55	13.74	17.14	21.40	25.06			
G0803058M	30	5	83.2	C	136	81	45	34	27	22	18	17	15	13	12	11			
G08030120M			83.2	D	014	656	133	2.22	3.48	5.00	6.78	8.80	11.82	13.98	17.18	20.70			
G0803058M			83.2	D	1735.43	415.95	130.62	106.46	69.42	48.21	35.42	27.12	21.42	17.35	14.34	12.05			
G05030180M	30	8	90.2	D	020	619	118	317	4.87	7.18	9.86	12.84	16.80	20.94	25.08	29.14			
G0503058M			90.2	C	175.64	86.77	67.86	43.30	34.71	28.92	24.79	21.60	19.38	17.36	15.78	14.48			
G0503058M			90.2	D	019	640	142	254	5.89	5.77	7.92	10.42	13.32	16.31	20.32	24.49			
G0503058M	30	3	53.5	D	1541	280	118	80	41	28	21	18	12	10	8				
G05030120M			53.5	D	029	679	137	316	4.88	6.97	9.74	12.75	15.47	19.80	23.67				
G0503058M			53.5	C	164	52	34	30	30	17	14	13	11	10	9				
G05030180M	30	8	80.8	D	018	643	130	284	3.83	5.88	7.47	10.43	12.73	16.23	19.48				
G0503058M			80.8	D	1275.80	318.75	141.67	79.89	51.86	35.42	26.02	19.82	15.74	12.75	10.54				
G0503058M			80.8	D	020	682	217	376	5.81	8.45	11.53	15.17	18.37	24.74	29.52				
G05030180M	30	8	69.2	C	177.82	83.75	62.80	35.88	28.92	21.28	18.14	14.17	12.78	11.88					
G0503058M			69.2	D	018	674	160	367	4.86	6.79	9.26	12.34	15.85	19.58	23.98				
G0503058M			69.2	D	760	191	80	47	30	21	15	11	9	7					
G05030180M	30	3	46.7	D	029	682	217	374	6.70	8.52	11.13	14.05	18.84	23.28					
G0503058M			46.7	C	76	38	25	19	15	12	10	9	8	7					
G0503058M			46.7	D	018	673	163	288	4.88	6.88	9.38	12.03	15.87	19.82	24.08				
G2503058M	20	8	81.1	D	885.42	221.36	98.36	55.34	35.42	24.58	18.07	13.65	10.83	8.85					
G25030180M			81.1	D	028	110	249	446	6.88	10.77	12.74	15.32	19.25	23.44	29.28				
G2503058M			81.1	C	88.64	44.37	28.81	22.14	17.71	14.78	12.68	11.07	9.84	8.88					
G09030180M	20	5	47.1	D	022	686	160	357	5.91	8.15	11.21	14.61	18.99	23.79					
G0903058M			47.1	D	591	133	98	30	21	14	10	8	7	6					
G0903058M			47.1	D	028	110	249	442	6.91	9.64	12.68	15.73	19.81						
G09030180M	20	5	36.8	C	53	28	17	13	10	8	7	6	5						
G0903058M			36.8	D	022	686	182	349	5.30	7.40	10.40	13.49	18.33						
G0903058M			36.8	D	885.87	141.67	62.86	35.42	22.87	15.74	11.86	8.86	7.50						
G0903058M	20	8	50.1	D	034	136	312	5.57	8.77	12.74	15.32	19.25	23.89						
G09030180M			50.1	C	86.87	28.33	18.89	14.17	11.33	9.44	8.10	7.08	6.30						
G0903058M			50.1	D	028	110	250	447	7.06	10.27	14.15	18.75	24.12						
G0903058M	20	3	33.1	D	340.38	85.00	37.19	21.25	13.86	9.44	6.94	5.31							
G09030180M			33.1	D	034	136	312	5.88	8.78	12.77	15.32	19.23							
G0903058M			33.1	C	34.90	17.00	11.53	8.50	6.86	5.67	4.86	4.35							
G09030180M	20	3	30.1	D	028	111	230	446	7.38	10.29	14.34	18.83							

U-齒輪模數全齒高可選與人馬相配。
S-Soft uniform teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪模數全齒高可選與人馬相配。
S-Soft-uniformed teeth, 48N/mm²。
Q-齒輪

15/100W 15/50W



扁鋼中心間距為15mm 壓焊鋼格板 常用規格及安全負載表

FLAT BAR CENTERS 15 mm PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

型 號 TYPE	扁鋼 寬度 BUTTS mm	扁鋼 厚度 THICK mm	網面重量 ROSS kg/m ²	跨 距 1500 mm													
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
Q403-15/100W	80	3	111.3	U	4980.22	1020.20	493.33	258.00	163.20	113.33	83.27	63.75	50.37	40.80	33.72	28.30	24.14
				C	0.11	0.46	1.05	1.84	2.88	4.18	5.69	7.46	9.48	11.76	14.31	17.12	20.22
				D	408.30	204.00	138.00	102.00	81.60	66.00	56.20	51.00	45.33	40.80	37.08	34.00	31.36
Q403-15/120W	80	3	108.3	U	0.08	0.37	0.83	1.47	2.31	3.34	4.68	6.38	7.82	9.47	11.30	13.62	16.38
				C	3426.33	857.08	585.00	374.37	237.33	157.33	95.20	66.07	53.57	42.33	34.28	28.00	23.60
				D	0.13	0.50	1.13	2.01	3.15	4.55	6.21	8.15	10.36	12.88	15.65	18.74	22.15
Q503-15/100W	50	3	99.8	U	0.10	0.40	0.90	1.61	2.52	3.65	5.09	6.95	9.34	11.36	13.92	16.94	20.41
				C	342.83	171.42	114.28	88.71	68.87	57.14	48.68	42.80	38.00	34.28	31.17	28.67	26.37
				D	0.10	0.40	0.90	1.61	2.52	3.65	5.09	6.95	9.34	11.36	13.92	16.94	20.41
Q403-15/120W	50	3	90.8	U	0.10	0.40	0.90	1.61	2.52	3.65	5.09	6.95	9.34	11.36	13.92	16.94	20.41
				C	283.33	141.67	94.44	70.83	56.67	47.22	40.48	35.42	31.46	28.33	25.78	23.65	21.70
				D	0.11	0.44	0.99	1.77	2.78	4.02	5.60	7.52	9.20	11.44	13.96	16.71	19.83
Q453-15/100W	40	3	85.3	U	0.15	0.61	1.36	2.46	3.85	5.57	7.62	10.00	12.75	15.83	19.28	23.12	27.36
				C	239.33	119.78	79.80	57.38	43.80	36.25	30.79	26.60	23.35	20.80	18.73	17.00	15.30
				D	0.12	0.49	1.10	1.87	3.08	4.47	6.12	8.14	10.58	13.24	16.08	19.11	22.49
Q403-15/120W	40	3	78.2	U	0.17	0.69	1.55	2.77	4.34	6.28	8.68	11.58	14.91	18.67	22.80	27.36	32.40
				C	191.33	95.67	63.44	45.33	36.27	30.22	25.60	22.67	20.16	18.13	16.48	15.11	13.90
				D	0.14	0.56	1.24	2.23	3.48	5.04	6.95	9.28	11.89	14.83	17.94	21.22	24.79
Q303-15/100W	30	3	67.5	U	0.20	0.79	1.78	3.17	4.97	7.13	9.64	12.54	15.80	20.54	25.08	30.15	35.85
				C	138.83	69.42	46.28	33.71	27.77	23.14	19.60	17.30	15.43	13.88	12.62	11.67	10.87
				D	0.18	0.65	1.42	2.54	3.91	5.77	7.62	10.43	13.32	16.61	20.00	24.49	29.62
Q303-15/120W	30	3	58.7	U	0.20	0.80	2.07	3.70	5.81	8.40	11.63	15.17	19.37	24.18	29.53	35.60	42.40
				C	100.38	50.00	34.00	25.56	20.45	17.08	14.57	12.75	11.33	10.28	9.27	8.40	7.58
				D	0.18	0.74	1.60	2.87	4.58	6.79	9.28	12.34	15.86	19.57	23.99	29.17	35.19
Q253-15/100W	25	3	49.3	U	0.28	1.10	2.49	4.45	6.88	10.13	13.91	18.34	23.45	29.28	35.95	43.50	51.90
				C	70.83	35.42	23.61	17.71	14.37	11.81	10.12	8.85	7.87	7.08	6.40	5.80	5.30
				D	0.22	0.86	2.00	3.67	5.61	8.15	11.21	14.62	18.50	22.78	27.40	32.40	37.80
Q203-15/100W	20	3	30.5	U	0.38	1.38	3.12	5.57	8.77	13.75	19.50	26.11	33.50	41.70	50.80	60.80	71.80
				C	45.33	22.67	15.11	11.33	9.07	7.58	6.48	5.67	5.00	4.40	3.90	3.50	3.20
				D	0.28	1.10	2.50	4.47	7.05	10.27	14.18	18.77	23.90	29.40	35.30	41.60	48.30

U-扁鋼板安全承載許可最大均勻布載。

Safe uniform load, kN/m².

C-特種板安全承載許可最大點布載。

Safe concentrated load, kN/m².

D-扁鋼板在許可範圍內可下最大撓度。

Max. deflection, mm.

扁鋼板在左區域的撓度係數 (Deflection)

的左側係數在下列其最大撓度小於 4 mm.

The left side of the green bold line in this

table, those gratings not exceeds 4 mm

deflection for uniform load of 2000N/m².

12. 5/100W



扁鋼中心間距為12.5mm 壓焊鋼格板 常用規格及安全荷載表

FLAT BAR CENTERS 12.5mm PRESSURE-WELDED GRATING SAFE LOADS AND DEFLECTIONS

型 号 TYPE	扁钢 宽度 mm	扁钢 厚度 mm	容重 kg/m ²	跨 距 SPAN mm															
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
Q68312.5/100W	68	3	129.3	U 4896	1234	544	306	188	136	99	78	60	48	40	34	28	24	21	
				D 0.11	0.48	1.05	1.84	2.67	3.45	4.16	4.81	5.41	5.95	6.44	6.90	7.32	7.70	8.06	
				C 489	244	183	132	97	81	69	61	54	48	42	37	34	30	27	
				D 0.06	0.37	0.85	1.47	2.29	3.32	4.58	5.87	7.37	8.99	10.40	11.98	13.61	15.21	16.73	
Q82312.5/100W	82	3	138.2	U 3400	850	377	212	136	94	69	53	41	34	28	23	20	17	15	
				D 0.14	0.58	1.34	2.21	3.47	4.88	6.40	8.06	9.86	11.78	14.18	17.21	20.18	23.07	25.89	
				C 340	170	113	85	68	55	46	42	37	34	30	28	25	24	22	
				D 0.11	0.44	0.99	1.77	2.78	3.87	5.43	7.14	9.01	11.43	13.88	16.58	19.11	21.79	24.33	
Q45312.5/100W	45	3	97.7	U 2754	686	308	172	110	75	56	43	34	27	22	18	16	14	12	
				D 0.10	0.41	1.38	2.48	3.85	5.53	7.58	9.89	12.73	15.55	18.85	22.38	25.88	27.89	29.89	
				C 275	137	91	68	58	45	38	34	30	27	25	22	20	19	17	
				D 0.12	0.49	1.10	1.85	3.09	4.38	6.07	7.95	10.28	12.52	15.95	17.18	22.00	25.18	28.33	
Q45312.5/100W	45	3	97.2	U 2178	844	341	196	127	80	44	34	28	21	17	16	12	12	12	
				D 0.17	0.69	1.55	2.77	4.34	6.25	8.51	11.38	13.82	17.27	20.95	25.98	28.04	28.04	28.04	
				C 217	108	72	84	43	38	31	27	21	21	19	18	18	18	18	
				D 0.14	0.58	1.35	2.28	3.44	5.00	6.88	9.01	11.85	15.05	18.87	21.08	24.45	24.45	24.45	
Q26312.5/100W	26	3	79.7	U 1908	470	180	104	68	40	34	25	20	18	13	13	11	11	11	
				D 0.20	0.79	1.77	3.18	4.92	7.19	9.94	13.02	16.68	19.78	23.78	28.74	30.74	30.74	30.74	
				C 190	83	55	41	33	27	23	22	19	18	15	13	13	13	13	
				D 0.16	0.63	1.41	2.36	3.69	5.33	7.35	10.02	12.88	16.98	20.18	23.03	23.03	23.03	23.03	
Q26312.5/100W	26	3	66.2	U 1224	306	136	75	45	24	19	15	12	10	10	10	10	10	10	
				D 0.23	0.92	2.07	3.87	5.69	8.41	11.08	15.07	19.23	23.89	28.30	28.30	28.30	28.30	28.30	
				C 122	61	40	30	24	20	17	15	13	12	11	11	11	11	11	
				D 0.18	0.73	1.62	2.81	4.57	6.83	9.03	12.00	15.00	18.19	21.72	21.72	21.72	21.72	21.72	
Q26312.5/100W	26	3	55.8	U 880	212	94	53	34	23	17	13	10	8	8	8	8	8	8	
				D 0.28	1.18	2.48	4.44	6.99	9.86	13.83	17.95	22.39	27.65	27.65	27.65	27.65	27.65	27.65	
				C 88	42	28	21	17	14	12	10	9	8	8	8	8	8	8	
				D 0.23	0.90	1.87	3.52	5.61	8.06	11.08	13.98	18.14	23.48	23.48	23.48	23.48	23.48	23.48	
Q26312.5/100W	26	3	40.1	U 544	126	60	34	21	15	11	8	6	6	6	6	6	6	6	
				D 0.34	1.38	3.09	5.87	8.47	12.65	17.38	21.86	26.72	26.72	26.72	26.72	26.72	26.72	26.72	
				C 54	27	18	15	12	9	7	6	6	6	6	6	6	6	6	
				D 0.27	1.12	2.48	4.28	6.80	10.10	12.81	16.68	20.88	20.88	20.88	20.88	20.88	20.88	20.88	

U-标准安全承载可承受的均布荷载,
Safe uniform load, (kN/m²);

C-标准安全承载可承受的最大荷载,
Safe concentrated load, (kN/m);

D-标准安全承载可承受的最大线荷载,
Max deflection, mm;

表中圆圈内为安全承载标准值 (kN/m²) 的
安全系数取用 1.5 最小安全系数 1.4 取用 1.3

The left side of the green label is this
table, these greenings not accounts it this

U-根據安全規範許可的最大均布荷載。
Safe uniform load, kN/m²。
C-根據安全規範許可的最大點荷載。
Safe concentrated load, kN/m²。
D-根據實際的荷載許可的最大撓度。
Max. deflection, mm。
綠色表格上方區域的數值表示 Deflect 的
為每單位荷載下最大撓度小於 4 mm。
The left side of the green field line in this
table, these gratings not exceeds 4 mm
deflection for uniform load of 26kN/m².



33/20L 33/11L



扁鋼中心間距為33mm 壓鎖鋼格板 常用規格及荷載表

FLAT BAR CENTERS 33mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS

型 号 TYPE	扁钢 宽度 SPOT mm	扁钢 厚度 THICK mm	开孔尺寸 HOLE SIZE mm	单位重量 MANG kg/m²	跨 距 SPAN mm														
Q302/33/11L	80	3	30x2	77.5	U	1660	417	186	104	66	46	34	26	30	18	13	11	8	8
					D	0.11	0.46	1.03	1.84	2.66	4.15	5.71	7.50	9.31	11.44	13.73	16.00	18.95	22.84
					C	166	83	36	41	33	27	23	20	18	16	13	12	11	10
Q302/33/20L	80	3	30x2	87.5	U	0.98	0.37	0.62	1.45	2.39	3.28	4.44	5.61	7.81	9.34	11.83	13.36	15.79	18.93
					D	1112	278	123	69	44	30	22	17	13	11	9	7	6	5
					C	0.11	0.46	1.03	1.83	2.67	4.37	5.87	7.38	9.13	11.85	14.33	16.03	18.14	21.11
Q302/33/11L	60	2	30x2	61.7	U	111	55	37	27	22	16	15	13	12	11	10	9	8	
					D	0.08	0.36	0.83	1.44	2.30	3.27	4.36	5.73	7.35	9.56	11.73	13.89	15.97	18.97
					C	0.08	0.36	0.83	1.44	2.30	3.27	4.36	5.73	7.35	9.56	11.73	13.89	15.97	18.97
Q302/33/20L	60	2	30x2	51.5	U	111	55	37	27	22	16	15	13	12	11	10	9	8	
					D	0.08	0.36	0.83	1.44	2.30	3.27	4.36	5.73	7.35	9.56	11.73	13.89	15.97	18.97
					C	0.08	0.36	0.83	1.44	2.30	3.27	4.36	5.73	7.35	9.56	11.73	13.89	15.97	18.97
Q302/33/11L	30	3	30x2	58.1	U	111	55	37	27	22	16	15	13	12	11	10	9	8	
					D	0.14	0.55	1.24	2.26	3.45	5.01	6.72	8.00	11.35	13.74	16.04	21.11	25.11	
					C	115	57	38	28	23	19	16	14	12	11	10	9	8	
Q302/33/20L	30	3	30x2	58.0	U	0.11	0.43	0.98	1.72	2.77	3.98	5.37	7.08	8.78	11.13	13.64	16.16	18.42	
					D	732	199	85	48	30	21	15	12	9	7	6	5	4	
					C	0.14	0.55	1.23	2.21	3.39	4.85	6.60	8.08	11.23	13.38	16.01	22.11	25.11	
Q302/33/11L	50	2	30x2	45.6	U	732	199	85	48	30	21	15	12	9	7	6	5	4	
					D	0.14	0.55	1.23	2.21	3.39	4.85	6.60	8.08	11.23	13.38	16.01	22.11	25.11	
					C	77	38	26	19	15	12	11	9	8	7	6	5	4	
Q302/33/20L	50	2	30x2	45.6	U	0.11	0.43	0.97	1.75	2.72	3.79	5.56	6.89	9.51	11.77	14.64	18.42	21.42	
					D	838	234	104	58	37	26	19	14	11	9	7	6	5	
					C	0.15	0.61	1.36	2.44	3.61	5.58	7.60	9.64	12.25	15.30	17.76	21.76	25.76	
Q302/33/11L	40	3	30x2	48.3	U	838	234	104	58	37	26	19	14	11	9	7	6	5	
					D	0.15	0.61	1.36	2.44	3.61	5.58	7.60	9.64	12.25	15.30	17.76	21.76	25.76	
					C	83	40	31	23	18	15	13	11	10	9	8	7	6	
Q302/33/20L	40	3	30x2	48.2	U	0.12	0.48	1.13	1.84	2.88	4.31	5.87	7.68	9.86	12.48	14.84	17.28	20.28	
					D	625	158	69	39	25	17	12	9	7	6	5	4	3	
					C	0.15	0.61	1.37	2.46	3.67	5.49	7.33	9.28	11.75	15.47	19.08	22.11	25.11	
Q302/33/11L	40	2	30x2	34.4	U	82	39	26	19	15	12	10	9	8	7	6	5	4	
					D	0.12	0.49	1.09	1.91	2.96	4.33	5.95	7.54	9.86	12.54	14.28	16.28	18.28	
					C	741	188	82	46	29	20	15	11	9	7	6	5	4	
Q302/33/20L	40	2	30x2	48.6	U	0.17	0.60	1.65	2.78	4.36	6.13	8.68	10.83	14.31	17.18	21.76	25.76	29.76	
					D	74	37	24	19	14	12	10	9	8	7	6	5	4	
					C	0.14	0.51	1.21	2.38	3.30	4.83	6.88	8.84	11.44	13.83	16.21	18.21	20.21	
Q302/33/11L	40	2	30x2	38.3	U	464	173	74	39	25	17	12	9	7	6	5	4	3	
					D	0.17	0.60	1.53	2.70	4.30	6.08	8.60	10.41	14.26	16.98	19.98	22.98	25.98	
					C	46	24	18	12	9	8	7	6	5	4	3	2	1	
Q302/33/20L	40	2	30x2	31.5	U	0.14	0.54	1.21	2.18	3.30	4.94	6.73	8.68	10.84	13.20	15.20	17.20	19.20	
					D	367	147	63	35	22	15	11	9	7	6	5	4	3	
					C	0.20	0.78	1.79	3.13	4.84	6.88	9.48	11.88	16.73	19.68	22.68	25.68	28.68	
Q302/33/11L	35	3	30x2	41.6	U	567	147	63	35	22	15	11	9	7	6	5	4	3	
					D	0.20	0.78	1.79	3.13	4.84	6.88	9.48	11.88	16.73	19.68	22.68	25.68	28.68	
					C	56	29	18	14	11	9	8	7	6	5	4	3	2	
Q302/33/20L	35	3	30x2	37.9	U	0.18	0.62	1.38	2.51	3.89	5.58	7.80	10.45	12.80	15.12	17.12	19.12	21.12	
					D	378	94	42	25	16	10	7	6	5	4	3	2	1	
					C	0.20	0.76	1.79	3.09	4.96	6.91	9.67	11.23	14.58	16.58	19.58	22.58	25.58	
Q302/33/11L	30	2	30x2	28.7	U	37	18	12	9	7	6	5	4	3	2	1	0	0	
					D	0.18	0.60	1.36	2.43	3.72	5.57	7.47	9.10	13.06	15.06	18.06	21.06	24.06	
					C	417	104	46	30	18	11	9	8	7	6	5	4	3	
Q302/33/20L	30	2	30x2	33.7	U	0.23	0.82	2.08	3.70	5.61	8.27	10.89	14.24	18.21	21.21	24.21	27.21	30.21	
					D	41	20	13	10	8	6	5	4	3	2	1	0	0	
					C	0.18	0.71	1.58	2.86	4.51	6.80	9.37	11.99	14.21	16.21	18.21	20.21	22.21	
Q302/33/11L	30	2	30x2	30.6	U	278	69	30	17	11	7	6	5	4	3	2	1	0	
					D	0.23	0.91	2.02	3.84	5.80	7.75	10.39	14.35	17.35	20.35	23.35	26.35	29.35	
					C	27	13	9	6	5	4	3	2	1	0	0	0	0	
Q302/33/20L	30	2	30x2	28.6	U	0.18	0.69	1.62	2.88	4.35	6.87	9.38	12.08	14.38	16.38	18.38	20.38	22.38	
					D	269	72	32	19	11	7	6	5	4	3	2	1	0	
					C	0.27	1.10	2.48	4.44	6.70	10.26	12.08	16.88	19.88	22.88	25.88	28.88	31.88	
Q302/33/11L	25	3	30x2	28.2	U	36	14	9	7	5	4	3	2	1	0	0	0	0	
					D	0.21	0.85	1.87	3.47	4.92	6.92	11.09	12.79	15.09	17.79	20.79	23.79	26.79	
					C	183	48	21	12	7	5	4	3	2	1	0	0	0	
Q302/33/20L	25	2	30x2	28.7	U	0.28	1.10	2.45	4.46	6.45	9.94	11.62	16.01	19.01	22.01	25.01	28.01	31.01	
					D	19	9	6	4	3	2	1	0	0	0	0	0	0	
					C	0.22	0.83	1.87	3.52	4.47	7.82	8.88	12.97	14.97	17.97	20.97	23.97	26.97	
Q302/33/11L	20	3	30x2	30.0	U	185	48	20	11	7	5	4	3	2	1	0	0	0	
					D	0.24	1.21	3.04	5.24	6.40	12.81	14.40	17.40	19.40	22.40	25.40	28.40	31.40	
					C	18	9	6	4	3	2	1	0	0	0	0	0	0	
Q302/33/20L	20	2	30x2	25.3	U	0.27	1.06	2.44	3.91	5.86	10.21	11.25	15.29	17.29	20.29	23.29	26.29	29.29	
					D	123	30	13	7	4	3	2	1	0	0	0	0	0	
					C	0.34	1.34	2.97	5.12	7.39	11.52	14.66	17.66	20.66	23.66	26.66	29.66	32.66	
Q302/33/11L	20	2	30x2	26.8	U	12	6	4	3	2	1	0	0	0	0	0	0	0	
					D	0.27	1.08	2.48	4.41	6.90	10.32	8.84	12.84	14.84	17.84	20.84	23.84	26.84	
					C	12	6	4	3	2	1	0	0	0	0	0	0	0	

U-扁钢按全宽布置时的可简化均匀布筋。
S-扁钢按全宽布置时的可简化均匀布筋。
C-扁钢按全宽布置时的可简化均匀布筋。
Max concentrated load, kN/m;
D-扁钢按全宽布置时的可简化均匀布筋。
Max deflection, mm;
扁钢按全宽布置时的可简化均匀布筋。
The left side of the green bold text is in mm.
The right side of the green bold text is in mm.
The left side of the green bold text is in mm.
The right side of the green bold text is in mm.

20/100L 20/50L



扁鋼中心間距為20mm 壓鎖鋼格板 常用規格及荷載表

FLAT BAR CENTERS 20mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS

型 号 TYPE	扁鋼 厚度 3075 mm	扁鋼 長度 3075 mm	材料尺寸 (mm) 3075 x 20	淨空面積 MASS kg/m²	跨 距 SPAN mm																
					225	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000		
Q450/20/100L	80	3	20X2	67.7	U	2754	888	308	172	110	78	66	43	34	27	22	18	16	14	12	
					C	8.11	0.48	1.03	1.04	2.88	4.14	5.58	7.47	9.51	11.56	13.61	15.71	17.81	20.00	22.79	27.82
					D	275	137	91	66	50	40	34	30	26	22	19	17	15	14	13	12
Q450/20/100L	80	2	20X2	67.7	U	1806	499	204	114	73	51	37	28	22	18	15	12	10	9	8	
					C	5.11	0.48	1.03	1.03	2.87	4.17	5.63	7.31	9.24	11.89	14.23	16.27	18.85	21.06	23.98	27.82
					D	183	91	61	45	30	20	16	14	12	10	9	8	7	6	5	4
Q450/20/100L	50	3	20X2	74.2	U	1912	478	212	118	76	53	39	29	23	19	16	13	11	9	8	
					C	5.14	0.55	1.24	2.20	3.45	5.00	6.85	9.75	11.18	14.95	18.52	22.42	24.62	26.79	29.19	31.80
					D	191	85	63	47	38	31	27	23	21	19	17	15	14	13	12	11
Q450/20/100L	50	2	20X2	74.2	U	1275	319	141	79	51	35	25	19	15	12	10	8	7	6	5	
					C	5.16	0.55	1.24	2.19	3.47	4.96	6.88	8.81	10.98	13.47	16.58	19.87	23.27	26.67	29.97	33.27
					D	127	85	42	31	25	21	18	16	14	12	11	10	9	8	7	6
Q450/20/100L	45	3	18X2	64.1	U	1548	387	172	86	61	43	31	24	19	16	13	12	10	9	8	
					C	5.15	0.81	1.36	2.44	3.80	5.50	7.48	9.54	12.10	15.40	18.22	21.71	25.06	28.40	31.80	35.20
					D	154	77	51	38	30	25	22	19	17	15	14	12	11	10	9	8
Q450/20/100L	45	2	18X2	64.1	U	1032	290	114	64	41	28	21	15	12	10	8	7	6	5	4	
					C	5.15	0.81	1.37	2.44	3.83	5.45	7.37	9.35	12.08	15.43	18.28	22.77	26.11	29.45	32.80	36.15
					D	103	81	34	26	20	17	14	12	11	10	9	8	7	6	5	4
Q450/20/100L	40	3	18X2	57.3	U	1224	308	138	76	48	34	24	19	16	13	12	10	9	8	7	
					C	5.17	0.88	1.55	2.75	4.28	6.20	8.28	10.34	14.30	17.82	21.60	24.88	28.40	31.80	35.20	38.55
					D	122	81	40	30	24	20	17	15	13	12	11	10	9	8	7	6
Q450/20/100L	40	2	18X2	57.3	U	816	264	90	51	32	22	16	12	10	8	7	6	5	4	3	
					C	5.17	0.88	1.54	2.77	4.28	6.11	8.28	10.60	14.34	17.85	21.67	25.07	28.40	31.80	35.20	38.55
					D	81	40	27	20	16	13	11	10	9	8	7	6	5	4	3	2
Q450/20/100L	35	3	18X2	50.5	U	1032	234	104	58	37	28	19	14	11	9	7	6	5	4	3	
					C	5.20	0.79	1.71	3.14	4.81	7.30	9.81	12.43	16.79	19.88	23.06	26.11	29.45	32.80	36.15	39.50
					D	103	40	24	18	14	11	9	8	7	6	5	4	3	2	1	0
Q450/20/100L	35	2	18X2	50.5	U	624	196	69	36	24	17	12	9	7	6	5	4	3	2	1	
					C	5.20	0.79	1.71	3.17	4.76	7.05	9.31	12.02	15.13	18.91	22.47	26.11	29.45	32.80	36.15	39.50
					D	62	31	20	15	12	10	8	7	6	5	4	3	2	1	0	0
Q450/20/100L	30	3	18X2	43.8	U	888	172	79	43	27	19	14	10	8	7	6	5	4	3	2	
					C	5.23	0.82	2.06	3.75	5.70	8.38	11.52	14.20	18.38	21.30	25.06	28.40	31.80	35.20	38.55	41.90
					D	88	34	22	17	13	11	9	8	7	6	5	4	3	2	1	0
Q450/20/100L	30	2	18X2	43.8	U	488	114	61	28	18	12	9	7	6	5	4	3	2	1	0	
					C	5.23	0.81	2.07	3.62	5.71	7.95	11.14	14.90	17.32	21.06	24.55	28.40	31.80	35.20	38.55	41.90
					D	48	22	15	11	9	7	6	5	4	3	2	1	0	0	0	0
Q450/20/100L	25	3	18X2	37.1	U	478	119	50	28	19	13	9	7	6	5	4	3	2	1	0	
					C	5.28	1.10	2.40	4.32	6.86	9.85	12.91	17.31	20.18	24.00	27.40	31.40	35.20	38.55	41.90	45.25
					D	47	25	15	11	9	7	6	5	4	3	2	1	0	0	0	0
Q450/20/100L	25	2	18X2	37.1	U	318	79	38	18	12	8	6	4	3	2	1	0	0	0	0	
					C	5.27	1.08	2.45	4.25	6.86	9.22	12.93	14.90	17.32	21.06	24.55	28.40	31.80	35.20	38.55	41.90
					D	31	15	10	7	6	5	4	3	2	1	0	0	0	0	0	0
Q450/20/100L	20	3	18X2	30.4	U	308	76	34	16	12	8	6	4	3	2	1	0	0	0	0	
					C	5.34	1.37	3.12	5.50	8.83	12.08	16.80	19.80	23.71	27.40	31.40	35.20	38.55	41.90	45.25	48.60
					D	30	16	10	7	6	5	4	3	2	1	0	0	0	0	0	0
Q450/20/100L	20	2	18X2	30.4	U	204	51	22	12	8	6	4	3	2	1	0	0	0	0	0	
					C	5.37	1.08	2.45	4.11	6.94	10.12	13.59	15.10	17.32	21.06	24.55	28.40	31.80	35.20	38.55	41.90
					D	20	10	6	5	4	3	2	1	0	0	0	0	0	0	0	0

U=扁鋼截面全周圓弧內切半徑大於或等於4mm時。
Stiff=uniform load, kN/m²
C=扁鋼截面全周圓弧內切半徑大於或等於4mm時。
Stiff=concentrated load, kN/m²
D=扁鋼截面全周圓弧內切半徑大於或等於4mm時。
Max. deflection, mm
扁鋼截面全周圓弧內切半徑大於或等於20mm時。
扁鋼截面全周圓弧內切半徑大於或等於4mm時。
The left side of the green text line is in this table.
The right side of the green text line is in this table.
deflection for uniform load of 20kN/m².

U-扁鋼板安全規格可承受均布荷載
Safe uniform load, kN/m^2
C-扁鋼板安全規格可承受集中荷載
Safe concentrated load, kN/m
D-扁鋼板安全規格可承受最大撓度
Max. deflection, mm
扁鋼板安全規格可承受均布荷載 20kN/m²
均布荷載可下式最大撓度小於 4mm
The safe side of the given load line is less than, those gratings not exceeds 4 mm deflection for uniform load of 20kN/m²

U-指符合安全系数内的均匀分布荷载。
Safe uniform load, kN/m^2 。
V-指符合安全系数内的点荷载荷载。
Safe concentrated load, kN/m 。
D-指荷载由所有荷载作用下最大挠度。
Max. deflection, mm。
绿色荷载大小与区域的荷载标准值 25kN/m^2 均布荷载作用下其最大挠度值 $\leq 4\text{mm}$ 。
The left side of the green bold line is the table, those gratings not exceeds 4 mm deflection for the uniform load of 25kN/m^2 .

12.5/100L 12.5/50L



扁鋼中心間距為12.5mm 壓鎖鋼格板 常用規格及荷載表

FLAT BAR CENTERS 12.5mm PRESSURE-LOCKED GRATING SAFE LOADS AND DEFLECTIONS

型號 TYPE	扁鋼 寬度 RIBS mm	扁鋼 厚度 RIBS mm	扁鋼尺寸 CROSS BAR SIZE mm	荷載重量 MASS kg/m²	扁距 SPAN mm															
					200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
Q80312.5/100L	80	3	3042	130.4	U	4408	1101	489	275	178	122	89	68	54	44	36	30	22	18	
					D	0.11	0.46	1.03	1.84	2.66	4.18	5.84	7.38	9.43	11.78	14.29	16.87	20.28	23.70	28.10
					C	440	220	140	110	88	73	62	55	46	44	36	31	21	20	
Q80312.5/50L	80	2	3203	82.2	U	2837	734	326	185	117	81	59	46	36	29	24	20	17	14	
					D	0.11	0.46	1.03	1.84	2.67	4.14	5.81	7.33	9.44	11.65	14.21	16.89	20.31	23.70	27.40
					C	283	148	97	73	58	48	41	36	32	28	26	24	22	20	
Q80312.5/100L	50	3	3042	108.9	U	3080	765	340	191	122	85	62	47	37	30	25	21	18	15	
					D	0.14	0.88	1.24	2.21	3.48	5.01	6.81	8.68	11.23	13.66	17.18	20.87	24.48	27.74	32.01
					C	305	155	102	76	61	51	43	38	34	30	27	25	23	21	
Q80312.5/50L	50	2	3203	76.0	U	2040	503	228	127	81	56	41	31	25	20	16	14	12	10	
					D	0.14	0.85	1.24	2.26	3.44	4.96	6.76	8.78	11.28	13.66	16.92	20.60	24.52	27.79	
					C	204	102	68	51	42	34	29	25	22	20	18	17	15	14	
Q80312.5/100L	45	3	1042	88.4	U	2410	619	275	154	99	66	50	38	30	24	20	17	14	12	
					D	0.18	0.81	1.38	2.48	3.88	5.31	7.84	9.91	12.92	15.38	18.91	22.88	26.32	30.87	
					C	247	123	82	61	49	41	35	31	27	24	22	20	18	17	
Q40312.5/50L	45	2	1202	67.5	U	1882	473	183	103	68	46	33	25	20	16	13	11	9		
					D	0.15	0.61	1.38	2.45	3.65	5.47	7.47	9.71	12.83	15.39	18.48	22.35	26.48		
					C	185	92	55	41	33	27	23	20	18	16	15	13	12		
Q80312.5/100L	45	3	1042	87.8	U	1958	498	217	122	119	54	39	36	34	19	16	13	11		
					D	0.17	0.89	1.58	2.76	4.32	6.24	8.40	11.08	14.31	17.42	21.88	25.30	28.72		
					C	195	97	65	45	35	32	27	24	21	19	17	15	16		
Q40312.5/50L	45	2	1202	68.4	U	1306	321	147	81	52	36	26	20	16	13	10	9			
					D	0.17	0.65	1.59	2.75	4.35	6.24	8.40	11.13	14.32	17.68	20.38	23.85			
					C	130	65	43	32	28	21	18	16	14	13	11	10			
Q80312.5/50L	38	3	1202	77.2	U	1459	374	186	95	59	41	30	23	15	14	12	10			
					D	0.23	0.79	1.77	3.14	4.89	7.08	9.87	13.74	18.11	18.32	24.44	28.19			
					C	140	74	48	37	29	24	21	18	16	14	13	12			
Q80312.5/100L	25	2	1042	83.2	U	889	248	111	62	38	27	20	15	12	10	8				
					D	0.28	0.78	1.78	3.18	4.85	7.01	9.68	12.48	16.13	20.64	24.48				
					C	89	49	33	24	19	16	14	12	11	10	9				
Q80312.5/50L	38	3	1202	86.1	U	1104	278	123	66	44	30	22	17	15	11	9				
					D	0.23	0.82	2.07	3.88	5.81	8.28	11.31	15.03	18.82	24.22	29.36				
					C	110	58	36	27	22	18	15	13	12	11	10				
Q80312.5/100L	30	2	1042	48.1	U	734	183	81	45	28	20	14	11	9	7					
					D	0.23	0.82	2.08	3.83	5.74	8.27	10.82	14.82	19.32	23.21					
					C	73	36	24	16	14	12	10	9	8	7					
Q80312.5/50L	28	3	1202	56.3	U	785	191	85	47	30	21	15	11	9	7					
					D	0.28	1.10	2.49	4.38	6.80	10.94	13.41	16.98	22.49	27.09					
					C	78	38	25	19	15	12	10	9	8	7					
Q80312.5/100L	28	2	1042	37.3	U	510	127	56	31	22	14	10	7	6						
					D	0.28	1.10	2.48	4.33	6.87	10.94	13.42	18.27	22.83						
					C	51	25	17	12	10	8	7	6	5						
Q80312.5/50L	20	3	1202	45.6	U	489	122	54	30	18	13	9	7	6						
					D	0.34	1.36	3.19	5.47	8.50	12.23	15.90	21.37	26.83						
					C	48	24	16	12	9	8	6	5	4						
Q80312.5/100L	20	2	1042	40.4	U	335	81	36	20	13	9	6	5							
					D	0.34	1.37	3.19	5.47	8.75	12.88	15.82	22.85							
					C	32	16	10	6	5	4	3	2							

U-橫樑底部中央位置可容納最大扁鋼面積。
Baffle supports load, MM^2 ;

D-橫樑底部中央位置可容納最小扁鋼面積。
Baffle concentrated load, MM^2 ;

C-橫樑底部中央位置可容納扁鋼長度。
Baffle deflection, mm;

顏色標籤左方區域內標註值為 200mm² 的扁鋼面積所能用下最大扁鋼尺寸 4 mm deflection for uniform load test condition.

U-扁鋼板全表面應可容納大於扁鋼之
Safe uniform load, MPa/psi
C-扁鋼板全表面應可容納大於扁鋼之
Safe concentrated load, MPa/psi
U-扁鋼板全表面應可容納大於扁鋼之
Max. deflection, mm
綠色粗線左方區域內所有標註 30mm 的
均指扁鋼最大容許下陷大於扁鋼全長 4 mm
The left side of the green-bold line in this
table, those gratings not exceeds 4 mm
deflection for uniform load of 20kN/m².

殘疾人、老年人無障礙通道鋼格板的安全規定

In USA, the first act of the world for Disabilities was legislated Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG) Some stipulation in ADAAG as following :

4.5.4 Gratings.

-If gratings are located in walking surfaces, then they shall have spaces no greater than 1/2 in (13 mm) wide in one direction (see Fig.)

-If gratings have elongated openings, then they shall be placed so that the long dimension is perpendicular to the dominant direction of travel (see Fig)

Same rules can be found in United Nation's papers as well as standards of Europe, Canada, Japan and Australia.

In China, the Construction Department constitutes an important standard JGJ50-2001: Design Specifications of Disabilities for City Access and Building, which is catching up with the international advanced country in the subject of Human Foundation and Creation Harmonious Environment, Some regulation for gratings as below:

7.3.4 The rain grates for walkways and building entrance, here is grating drainage cover, shall be no higher than floor level. The openings of gratings shall be no more than 15mm x 15mm. The safety requirements for gratings of Disabilities Access represents in the openings and installation direction.

- 1) The openings shall be no greater than 15mm, but in America, no greater than 1/2 in (13mm).
- 2) If gratings have elongated openings, then they shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

美國制定了世界上第一個殘疾人條例和世界上第一個無障礙通道標準 (ADAAG)。關於無障礙通道有如下規定：

4.5.4 鋼格板。

-如果鋼格板放在無障礙通道上，其間隙間隔在一個方向上不能大於 1/2 英寸 (13 mm)。(見圖)。

-如果鋼格板的間隙空間是長形的，那麼長的方向必須垂直於通道方向。(見圖)。

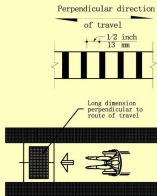
同樣的條例可見於在聯合國的有關文件，歐洲各國的規定，加拿大，日本，澳洲的條例等。

在中國，建設部制定了一份重要的標準規範，在以人為本，創造和諧環境的大題目上註上了國際先進國家的步驟。這就是建設部頒標準，JGJ50-2001：《城市道路和建築物無障礙設計規範》，規範中有關鋼格板的規定如下：

7.3.4 人行過路和建築入口的雨水箐子（這裡指的是鋼格板箐井蓋）不得高出地面，其孔洞不得大於 15mm x 15 mm。

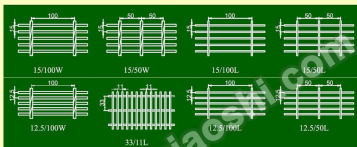
無障礙通道對鋼格板的安全要求就是對間隙空間的要求和安裝方向的要求：

1. 間隙空間不得大於 15mm：在美國要求不得大於 1/2 英寸 (13mm)。
2. 長形空間的鋼格板在安裝時必須使空間長的方向垂直於通道方向



無障礙通道鋼格板的安全規格

SAFETY WALKWAY GRATINGS FOR DISABILITIES



重荷載鋼格板

HEAVY DUTY GRATINGS

重荷載鋼格板具有使用于重荷載區域要求的強度，如機場、高速公路、工業廠房、貨站及公交站、停車場及火車站等。通常用作地板、車道、地鐵及隧道通風孔蓋、路邊雨水入口罩子、斜坡及碼頭等。這種鋼格板強度大，可以承載重荷載。而且使用多年不變形。如果鋼格板用于承受滾動輪荷載，建議鋼格板加強包邊以增加橫向的強度。為使滾動輪荷載增加摩擦面，推荐使用齒形鋼格板，大和製造的齒形鋼格的厚度可達10mm。

標準的重荷載鋼格板是通過自動脈電阻焊接而成，具有耐久、強度大及安全的特點。負載齒輪和橫杆，在大電流產生的高溫和機器的高壓力的聯合作用下，融合在一起，形成一個永久的連接點。大和承制的鋼格板能夠滿足特定項目的要求。實際上，喬士可以按圖訂單的要求為客戶設計并制作各種規格尺寸的重荷載鋼格板。

Heavy-Duty Grating has the strength for heavy-duty load areas such as airfields, highways, industrial plants, track and bus terminals, parking lots and railroad yards. Common uses are flooring, driveways, subway and tunnel ventilation grilles, curb inlet covers, ramps, docks, etc. It is a sturdy grating to carry loads and maintain the same level over many years of use.

Whenever rolling wheel loads are to be used over the grating, we recommend that the grating be load banded to add lateral strength. Reinforcements are available on bars up to 10mm thick to provide additional traction for rolling loads.

Standard heavy-duty bar grating is resistance-welded for durability, strength and safety using an automated electrohydraulic welding process. High temperatures, combined with high pressure, fuse the bearing bars and cross bars together to form a permanent joint.

Qiaoshi regularly custom fabricates grating to meet specific project requirements. Virtually any bar size and depth can be made to order.

重荷載鋼格板 常用規格及安全荷載表

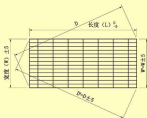
HEAVY DUTY GRATING SAFE LOADS AND DEFLECTIONS

圖 號	板厚 mm	板寬 mm	板長 mm	板重 kg	荷 載 mm
					200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000
G150B40100	150	6	600	284.9	U 20500 8035 2883 1593 1059 706 520 368 244 155 210 107 158 130 113
					D 0.26 0.18 0.41 0.73 1.15 1.88 2.28 2.95 3.51 6.03 0.80 6.70 7.85 8.17 10.54
					C 2860 1276 846 627 812 438 364 318 213 168 231 61 172 188 182 170
					D 0.34 0.15 0.30 0.50 0.82 1.33 1.61 2.10 2.56 3.72 4.58 6.37 6.34 7.36 6.91
G130B40100	130	6	600	247.6	U 19153 4766 2126 1197 799 522 367 256 161 106 133 113 97 85
					D 0.26 0.21 0.48 0.80 1.33 1.91 2.48 3.41 4.32 6.34 6.48 7.78 8.11 10.59 12.23
					C 1915 887 636 478 367 315 212 208 212 191 174 166 147 138 127
					D 0.34 0.17 0.36 0.60 1.06 1.51 2.09 2.73 3.46 4.29 5.22 6.21 7.30 8.90 9.81
G120B40100	120	6	600	229.0	U 18220 4580 1813 1205 810 450 333 226 121 102 134 113 98 83 72
					D 0.26 0.23 0.52 0.82 1.44 2.07 2.63 3.70 4.68 6.80 7.36 8.38 8.68 11.80 13.20
					C 1632 846 544 408 326 272 233 204 181 163 148 136 126 116 106
					D 0.25 0.19 0.41 0.74 1.15 1.66 2.28 2.97 3.70 4.66 5.65 6.77 7.94 9.34 10.64
G100B40100	100	8	600	181.7	U 13332 2932 1210 708 450 314 231 177 138 113 83 79 87 57 50
					D 0.27 0.26 0.62 1.10 1.73 2.48 3.38 4.45 5.61 8.87 8.43 10.26 11.04 13.73 15.84
					C 1150 590 377 260 226 196 161 141 125 113 105 84 87 60 75
					D 0.26 0.22 0.50 0.80 1.36 1.98 2.71 3.50 4.50 6.80 6.82 8.12 8.60 11.09 12.86
G80B40100	80	8	600	173.3	U 11103 2286 1020 573 367 256 187 143 113 91 75 63 64 48 40
					D 0.26 0.31 0.68 1.22 1.82 2.77 3.77 4.83 6.06 7.73 6.38 11.17 13.24 16.26 17.87
					C 915 490 306 229 193 163 131 114 102 91 83 76 79 65 61
					D 0.26 0.24 0.50 0.80 1.33 2.23 3.03 3.94 5.04 6.20 7.58 9.04 10.64 12.42 14.42
G60B40100	60	8	600	154.4	U 7293 1813 816 453 280 201 148 113 89 72 59 50 42 37 32
					D 0.26 0.34 0.77 1.36 2.16 3.11 4.28 5.66 7.64 9.71 10.80 12.88 14.73 17.63 20.11
					C 725 362 241 181 145 120 103 98 80 72 65 65 55 51 45
					D 0.27 0.27 0.62 1.10 1.73 2.48 3.38 4.44 5.65 7.81 6.47 10.26 11.97 13.96 16.27
G75B40100	75	8	600	148.1	U 8375 1883 798 388 256 177 130 88 79 63 52 44 37 32 26
					D 0.26 0.37 0.80 1.47 2.31 3.33 4.54 6.02 7.90 9.27 11.28 13.56 16.78 18.47 21.42
					C 827 316 212 158 127 106 91 79 72 63 57 53 48 45 42
					D 0.27 0.28 0.68 1.16 1.84 2.68 3.64 4.76 6.21 7.43 9.32 10.86 12.97 14.88 17.25
G70B40100	70	8	600	140.1	U 8375 1883 798 388 256 177 130 88 79 63 52 44 37 32 26
					D 0.26 0.37 0.80 1.47 2.30 3.33 4.54 5.91 7.49 9.26 11.24 13.53 16.75 18.44 21.39
					C 827 316 212 158 127 106 91 79 72 63 57 53 48 45 42
					D 0.27 0.28 0.68 1.16 1.84 2.68 3.64 4.76 6.00 7.48 9.32 10.86 12.96 14.87 17.21
G75B40150	75	6	600	110.1	U 4764 1195 531 298 194 132 87 74 50 47 36 33 28 24 21
					D 0.26 0.37 0.80 1.47 2.30 3.31 4.52 5.90 7.50 9.23 11.25 13.55 16.90 18.48 21.44
					C 478 239 159 119 95 79 68 58 50 47 43 39 36 31 27
					D 0.27 0.28 0.68 1.17 1.83 2.64 3.63 4.72 6.06 7.42 9.38 10.77 12.73 14.11 17.10
G70B40150	70	6	600	111.1	U 8850 1380 517 347 222 154 113 88 68 55 45 38 32 29 24
					D 0.26 0.39 0.89 1.50 2.47 3.58 4.85 6.32 8.64 9.86 11.89 14.41 16.82 18.90 22.85
					C 880 271 180 128 111 82 79 68 61 50 50 48 42 38 37
					D 0.28 0.31 0.71 1.26 1.88 2.84 3.88 5.09 6.44 8.21 9.78 11.72 13.71 16.02 18.82
G75B40180	70	6	600	183.2	U 4195 1841 480 280 198 115 85 65 51 41 34 28 24 21 15
					D 0.26 0.39 0.89 1.50 2.46 3.55 4.87 6.38 8.65 9.91 12.08 14.18 16.85 18.95 22.70
					C 418 258 158 124 83 69 58 52 48 41 37 34 32 29 27
					D 0.28 0.31 0.71 1.26 1.87 2.84 3.88 5.12 6.45 7.88 9.84 11.88 13.98 16.05 18.40

喬士格柵板的尺寸偏差 MANUFACTURING TOLERANCES

格柵板的外圍尺寸偏差及方正度 OVERALL DIMENSIONS AND SQUARENESS

格柵板長度的允許偏差為 $+0\text{mm}$, -5mm ,
格柵板寬度的允許偏差為 $\pm 5\text{mm}$ 。
格柵板由於尺寸偏差而引起對角線的相對
偏差，不大於 $\pm 5\text{mm}$ 。



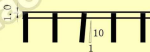
格柵板的橫杆間距和垂直偏差 CROSS BAR ALIGNMENT AND SPACING

橫杆邊緣對格柵板中心的偏斜不大於 5mm,
在任意 1500mm 長度內，兩端橫杆間距的
允許偏差為 $\pm 6\text{mm}$ 。



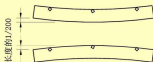
格柵板的橫杆位置和扁鋼垂直偏差 CROSS BAR LOCATION AND BEARING BAR LEAN

橫杆表面不超出承載扁鋼表面 1mm;
橫杆兩端不超過格柵板兩側端面 2mm。
承載扁鋼的不垂直度不大於扁鋼寬度的 10 %。



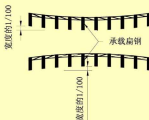
格柵板的縱向彎曲撓度 LONGITUDINAL BOW

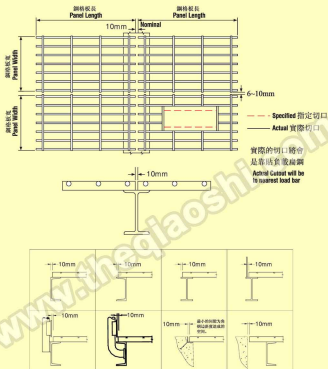
縱向彎曲撓度不大於長度的 1 / 200。



格柵板的橫向彎曲撓度 TRANSVERSE BOW

橫向彎曲撓度小於寬度的 1 / 100。



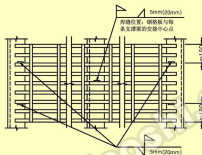
鋼格板的安裝
INSTALLATION OF GRATINGS

鋼格板的固定

FIXING METHOD OF GRATING

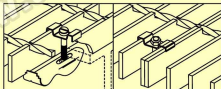
所有平台走道上的鋼格板必須牢靠地固定在它的規定位置上。焊接方法是最可靠的永久固定方法。

All grating must be firmly fixed in place. Welding panels to the supporting structure provides a superior, permanent installation.



需要活動的鋼格板可以採用安裝夾固定，安裝夾將被供應，但必須在訂貨合約中提出。

Gratings subject to removal can be fastened with saddle clips, those saddle clips can be supply, but must included on order.



鋼樓梯踏步板

常用鋼樓梯寬度為700mm，800mm，900mm；最小寬度為600mm，最大寬度為1200mm。

對於單人通過的鋼樓梯，其兩斜梁或護欄之間的寬度不小於600mm。

當樓梯頻繁地承受幾個人同時交叉通過或用作人員的撤離路線時，梯寬增加到1200mm。

樓梯踏步板的突沿處能承受1.5KN的荷載，踏步板的撓度不超過跨距的1/500。

樓梯踏步板和梯段平台具有良好的防滑性能。

相鄰的上下兩塊樓梯踏步板的垂直投影的搭接部分不小於10mm。

樓梯踏步板與梯梁的連接採用焊接或螺栓固定，螺栓規格為M12。

In general, steel stair width shall be 700mm, 800mm and 900mm. The Min. width is 600mm and Max. width is 1200mm.

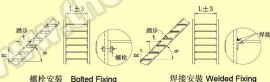
For the steel stair applicable for one person walk through, the width between two beams or handrails shall be no less than 600mm.

When the steel stair application for a few persons walk across at same time or used as way of people evacuating, the width shall be increased to 1200mm.

The front edge of stair tread can load 1.5KN and the deflection of the tread shall not exceed 1/500 of span.

Stair tread and stage platform have good anti-slip property. For the adjacent upper and lower stair treads, the overlapping of vertical projection shall be not less than 10mm.

Welded fixing or bolted fixing will be adopted for connection between stair tread and beams. The bolt shall be M12.

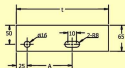
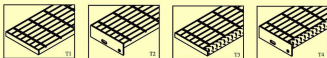


螺栓安裝 Bolted Fixing

焊接安裝 Welded Fixing

樓梯踏步板的型式分為T1、T2、T3和T4四種 Four types of stair tread: T1, T2, T3 & T4

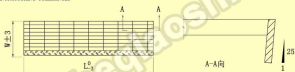
型式 TYPE	結構特點 Structure Feature
T1	焊接安裝，兩端邊板採用與承載扁鋼相同的扁鋼包邊，沒有前護板 Welded fixing, both ends banded with flat bar same with load bar, no nosing plate
T2	螺栓安裝，兩端邊板採用65×5扁鋼包邊並開孔，沒有前護板 Bolted fixing, both ends banded with flat bar 65×5 with fixing holes, no nosing plate
T3	焊接安裝兩端邊板採用與承載扁鋼相同的扁鋼包邊，有前護板 Welded fixing, both ends banded with flat bar same with load bar, front nosing plate
T4	螺栓安裝，兩端邊板採用65×5扁鋼包邊並開孔，有前護板 Bolted fixing, both ends banded with flat bar 65×5 with fixing holes, front nosing plate



單位: mm

t	125	155~185	215~245	≥ 275
A	45	75	100	150

樓梯踏步板允許偏差
MANUFACTURING TOLERANCES



鋼格板溝蓋

GRATING DRAINAGES

鋼格板溝蓋用在人行道、車行道、庭院或建築物的地面作為水溝、管線溝、地下通道、風井、採光井、檢查井等的蓋板。

鋼格板溝蓋通常由固定的框和活動的鋼格板蓋板組成。根據需要可以配上緊固機構或防盜裝置。

Grating drainages are used as cover for trench, piping channel, underground access, ventilation hole, sunshine pit and manhole on the floor of pedestrian and vehicular passage, courtyard or building etc.

Grating drainages are made up of fixed frame and removable grating in common. Fastening members or security device available on request.

GT 型側溝、橫斷溝鋼格板溝蓋

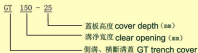
GT LATERAL OR TRAVERSE TRENCH COVERS

車行道鋼格板溝蓋根據車行方向分為側溝蓋和橫斷溝蓋。承載扁鋼與車行方向垂直的稱之為側溝蓋，承載扁鋼與車行方向平行的稱之為橫斷溝蓋。

Vehicle passage drainage can be defined to lateral drainage and traverse drainage upon vehicle running direction. Gratings load bar vertical to vehicle running direction, which is named lateral drainage. Gratings load bar parallel to vehicle running direction, which is named traverse drainage.



側溝、橫斷溝蓋型號舉例：



車道溝蓋的荷載等級 Load class of vehicular drainage

荷載級別 Load class	車輛滿載質量 Vehicle full loading mass (Kg)	後單輪荷載 Back single wheel load (kN)	輪壓面積 a×b Wheel impact area (mm ²)
T-25	25000	100	200×500
T-20	20000	80	200×500
T-14	14000	56	200×500
T-6	6000	24	200×280
T-2	2000	8	200×160

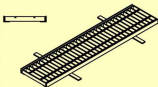
GT型側溝、橫斷溝鋼格板溝蓋

GT LATERAL OR TRAVERSE TRENCH COVERS

溝蓋 CLEAR OPENING	T-2及行人荷載 T-2 AND PEDESTRIAN				T-6			
	型號 TYPE	蓋板尺寸 COVER SIZE b×Wb	重量 WEIGHT	支點間距 FRAME ANGLE	型號 TYPE	蓋板尺寸 COVER SIZE b×Wb	重量 WEIGHT	支點間距 FRAME ANGLE
100	GT100-20	995×160×20	4	L40×25×5	GT130-25	995×164×25	8.2	L40×25×3
120	GT120-20	995×180×20	4.4	L40×25×5	GT130-25	995×184×25	9.2	L40×25×3
150	GT150-20	995×210×20	5.2	L40×25×5	GT150-25	995×214×25	10.2	L40×25×3
180	GT180-20	995×240×20	6.7	L40×25×5	GT180-25	995×244×25	11.3	L40×25×3
200	GT200-20	995×260×20	8	L40×25×5	GT200-32	995×264×32	18.6	L50×30×4
240	GT240-25	995×304×25	13.4	L40×25×3	GT240-32	995×304×32	18.7	L50×30×4
300	GT300-25	995×364×25	15.9	L40×25×3	GT300-38	995×418×38	28.7	L70×45×7
360	GT360-25	995×424×25	18.3	L40×25×3	GT360-45	995×440×45	33	L50×50×5
400	GT400-25	995×464×25	19.7	L40×25×3	GT400-50	995×480×50	40	L50×50×5
450	GT450-32	995×544×32	28.8	L50×30×4	GT450-50	995×540×50	43.4	L50×50×5
500	GT500-45	995×590×45	42.2	L50×50×5	GT500-50	995×590×50	47.4	L50×50×5
600	GT600-50	995×690×50	54.0	L50×50×5	GT600-50	995×700×50	60.8	L80×80×5
溝蓋 CLEAR OPENING	T-14				T-20			
	型號 TYPE	蓋板尺寸 COVER SIZE b×Wb	重量 WEIGHT	支點間距 FRAME ANGLE	型號 TYPE	蓋板尺寸 COVER SIZE b×Wb	重量 WEIGHT	支點間距 FRAME ANGLE
100	GT100-25	995×164×25	8.2	L40×25×3	GT130-25	995×164×25	8.2	L40×25×3
120	GT120-25	995×184×25	9.2	L40×25×3	GT130-25	995×214×32	12.9	L50×30×4
150	GT150-25	995×214×25	10.9	L40×25×3	GT150-32	995×244×32	14.3	L50×30×4
180	GT180-32	995×274×32	15.7	L50×30×4	GT180-38	995×296×38	18.7	L70×45×7
200	GT200-32	995×294×32	16.6	L50×30×4	GT200-38	995×318×38	21.1	L70×45×7
240	GT240-38	995×350×38	23.2	L70×45×7	GT240-45	995×320×45	25	L50×50×5
300	GT300-45	995×380×45	28.8	L80×60×5	GT300-50	995×390×50	32.6	L50×50×5
360	GT360-50	995×410×50	36.5	L80×60×5	GT360-55	995×400×55	41.6	L80×80×5
400	GT400-53	995×480×50	39.3	L50×50×5	GT400-55	995×500×55	44.7	L80×80×5
450	GT450-55	995×550×55	48.9	L80×60×5	GT450-65	995×550×65	58.3	L70×70×5
500	GT500-60	995×610×60	58.6	L80×60×5	GT500-75	995×640×75	75.9	L80×80×5
600	GT600-75	995×750×75	87.9	L80×80×5				
溝蓋 CLEAR OPENING	T-25							
	型號 TYPE	蓋板尺寸 COVER SIZE b×Wb	重量 WEIGHT	支點間距 FRAME ANGLE				
100	GT100-32	995×194×32	11.4	L50×30×4				
120	GT120-32	995×214×32	12.9	L50×30×4				
150	GT150-38	995×266×38	18.1	L70×45×7				
180	GT180-45	995×280×45	20.9	L50×50×5				
200	GT200-45	995×280×45	22.2	L50×50×5				
240	GT240-45	995×320×45	25	L50×50×5				
300	GT300-50	995×380×50	32.6	L50×50×5				
360	GT360-55	995×480×55	41.6	L80×60×5				
450	GT450-75	995×590×75	70.3	L80×80×5				

注：溝蓋和蓋板尺寸單位為mm，重量單位為kg/m²

All dimension in mm, weight in kg/m².

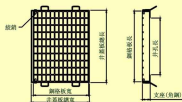


GU 450 - 32

- 盖板高度 cover depth (mm)
- 清淨宽度 clear opening (mm)
- GU 型清蓋 GU flanged trench cover

GM 型井孔鋼格板蓋

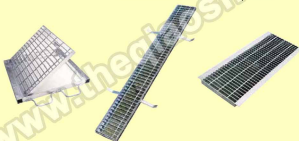
GM PIT COVERS



GM 型井孔蓋型號舉例：

GM 34 - 50

- 蓋板高度 Cover depth 50mm
- 井孔尺寸 Pit size W×L 300×400mm
- GM 型井孔蓋 GM pit cover



GM型井孔用鋼格板蓋
GM PIT COVERS

適用荷載 LOAD	井孔尺寸 PIT SIZE WxL	型號 TYPE	鋼格板 COVER		支邊板 FRAME		
			尺寸 DIMENSIONS	重量 WEIGHT	邊長 LENGTH	傾斜 ANGLE	重量 WEIGHT
T-25	300×300	GM34-35	305×305×55	14.2	335×520×80	L80°5	7.8
	400×300	GM44-35	395×305×55	18.3	425×520×80	L80°5	8.5
	500×300	GM54-35	485×305×55	22.5	515×520×80	L80°5	9.3
	300×500	GM35-45	305×405×65	22.6	335×840×70	L75°5	9.4
	400×500	GM45-45	395×405×65	29.5	425×840×70	L75°5	10.4
	500×500	GM55-45	485×405×65	36.2	515×840×70	L75°5	11.4
	300×800	GM36-75	305×745×75	26.6	335×760×80	L80°5	11.5
	400×800	GM46-75	395×745×75	36.4	425×760×80	L80°5	12.6
	500×800	GM56-75	485×745×75	44.3	515×760×80	L80°5	13.7
	500×700	GM57-75	485×645×75	49.9	515×800×80	L80°5	14.5
T-30	700×700	GM77-75	695×645×75	70.6	725×860×80	L80°5	17.1
	300×400	GM34-50	305×485×50	12.8	335×510×56	L50°5	7.7
	400×400	GM44-50	395×485×50	16.8	425×510×56	L50°5	8.6
	500×400	GM54-50	485×485×50	20.3	515×510×56	L50°5	9.5
	300×500	GM35-55	305×605×55	16.7	335×620×50	L60°5	8.2
	400×500	GM45-55	395×605×55	21.7	425×620×50	L60°5	9
	500×500	GM55-55	485×605×55	26.6	515×620×50	L60°5	9.8
	400×800	GM46-65	305×725×65	20.2	335×740×70	L75°5	10.8
	500×800	GM56-65	485×725×65	41.6	515×740×70	L75°5	13.1
	600×800	GM66-65	605×725×65	51.9	635×740×70	L75°5	14.6
T-14 (含T4 included T-4)	800×700	GM57-75	485×645×75	49.9	515×800×80	L80°5	14.5
	700×700	GM77-75	695×645×75	68	725×860×80	L80°5	17.1
	300×400	GM34-45	305×485×45	11.3	335×500×50	L50°5	6.5
	400×400	GM44-45	395×485×45	14.7	425×500×50	L50°5	7.2
	500×400	GM54-45	485×485×45	18	515×500×50	L50°5	7.8
	300×500	GM35-50	305×595×50	16.1	335×610×56	L50°5	8.2
	400×500	GM45-50	395×595×50	19.6	425×610×56	L50°5	9.2
	500×500	GM55-50	485×595×50	24	515×610×56	L50°5	10.1
	300×800	GM36-55	305×705×55	19.3	335×720×60	L60°5	8.7
	400×800	GM46-55	395×705×55	25	425×720×60	L60°5	9.6
T-2 (含T2人荷載 included for pedestrian)	500×800	GM56-55	485×705×55	34.6	515×720×60	L60°5	10.4
	600×800	GM66-55	605×705×55	36.2	635×720×60	L60°5	11.6
	500×700	GM57-60	485×615×60	36.1	515×830×65	L65°5	12.7
	700×700	GM77-60	695×615×60	54.6	725×830×65	L65°5	15.2
	300×400	GM34-32	305×464×32	7.9	335×472×36	L36°4	4.4
	400×400	GM44-32	395×464×32	10.3	425×472×36	L36°4	4.8
	500×400	GM54-32	485×464×32	12.6	485×472×36	L36°4	5
	300×500	GM35-40	305×573×40	11.9	335×590×45	L45°5	5.9
	400×500	GM45-40	395×573×40	15.4	425×590×45	L45°5	6.5
	500×500	GM55-40	485×573×40	18.9	425×590×45	L45°5	7.2
T-3 (含T3人荷載 included for pedestrian)	300×800	GM36-40	305×673×40	13.8	335×690×45	L45°5	6.3
	400×800	GM46-40	395×673×40	17.9	425×690×45	L45°5	6.9
	500×800	GM56-40	485×673×40	21.9	515×690×45	L45°5	7.5
	600×800	GM66-40	605×673×40	27.4	635×690×45	L45°5	8.3
	500×700	GM57-45	485×780×45	26.2	515×800×50	L50°5	8.6
	700×700	GM77-45	695×780×45	40.4	725×800×50	L50°5	10.2

注：井孔、鋼格板、支邊板尺寸單位為mm，重量單位為kg/件

All dimension in mm, weight in kg/pc.

執行標準 STANDARDS

鋼格板標準 Steel Grating Standards:

中國(CHINA):YB/T4001-1998

美國(U.S.A.):ANSI/NAAMM(MBG531-88)

英國(U.K.):BS4592-1987

鋼材標準 Steel Product Standard:

中國(CHINA):GB700-88

美國(U.S.A.):ASTM(A36)

英國(U.K.):BS4360(43A)

熱鍍鋅標準 Hot Galvanizing Standard:

中國(CHINA):GB/T13912

美國(U.S.A.):ASTM(A123)

英國(U.K.):BS729



喬士(中國)國際貿易有限公司

QIAOSHI (CHINA) INTERNATIONAL TRADE LIMITED

Rm 907,JNJ087 177-183 Wing Lok Street,HongKong.

<http://www.fence,hk>

河北喬士進出口貿易有限公司

HeBei QiaoShi Imp.&Exp. Co., Ltd.

Rm502, 3rd Apartment, 4th Building, New Village of Binhu

Xinhua District, Shijiazhuang, China

Tel: 86-311-87733505 Fax: 86-311-87733508

<http://www.theqiaoshi.com>

河北安平喬士絲網廠

HeBei AnPing Qiaoshi Wire Mesh Factory

No.68 Weimin West Street, Anping, Hengshui City, Hebei, China.

Tel: 86-318-7887979 Fax: 86-318-5286969

<http://www.wiremeshfactory.com.cn>

<http://www.metaetching.biz>