

## Aluminum grating model nomenclature rules

**A-300-A-S-P**

- A: Represents the aluminum grating model
- 300: Carrying aluminum dimensions
- A: Aluminums grating Sign Symbol
- S: Load-bearing aluminum profile
- P: surface finish

### Light duty applications Aluminum grating

suitable for light loads for access platforms

Load bar size(mm)	UDL=2.5kPa Defection=5mm		
	A&B pattern	F pattern	C&D pattern
20*5	1051	883	980
25*3	1093	919	1020
25*5	1242	1044	1159
32*3	1315	1106	1227
32*5	1495	1257	1394
40*3	1555	1308	1451
40*5	1767	1486	1648
45*5	1930	1623	1800
50*5	2089	1757	1948
55*5	2244	1887	2093
65*5	2543	2139	2372

Suitable for light and medium loads For walkways

Load bar size(mm)	UDL=3.0kPa Defection=5mm		
	A&B pattern	F pattern	C&D pattern
20*5	1004	844	936
25*3	1044	878	974
25*5	1187	998	1107
32*3	1257	1057	1172
32*5	1428	1201	1332
40*3	1486	1249	1386
40*5	1688	1420	1575
45*5	1844	1551	1720
50*5	1966	1678	1862

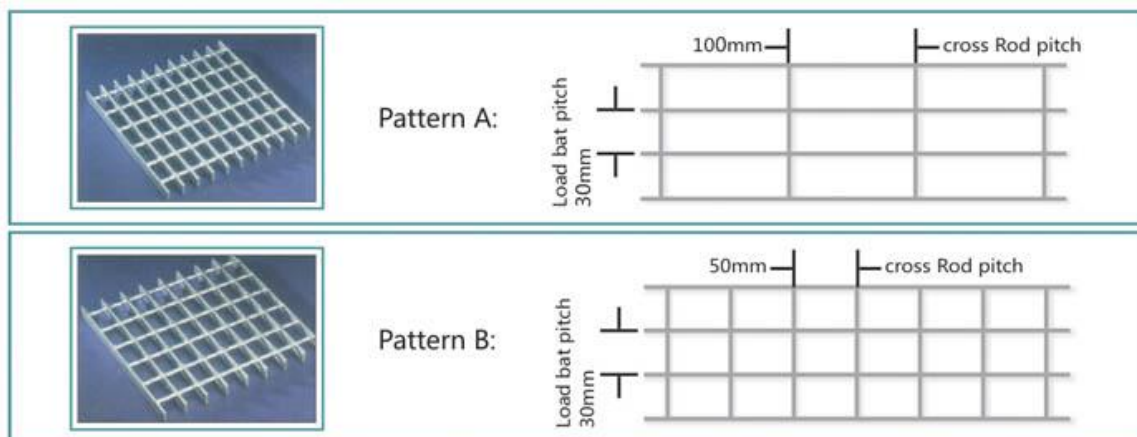
55*5	2144	1803	2000
65*5	2430	2043	2267

suitable for medium loads for pedestrian walkways

Load bar size(mm)	UDL=3.0kPa Defection=5mm		
	A&B pattern	F pattern	C&D pattern
20*5	934	786	871
25*3	972	817	907
25*5	1104	929	1030
32*3	1170	984	1091
32*5	1329	118	1240
40*3	1383	1162	1290
40*5	1571	1321	1466
45*5	1716	1443	1601
50*5	1857	1562	1732
55*5	1995	1678	1861
65*5	2261	1901	2109

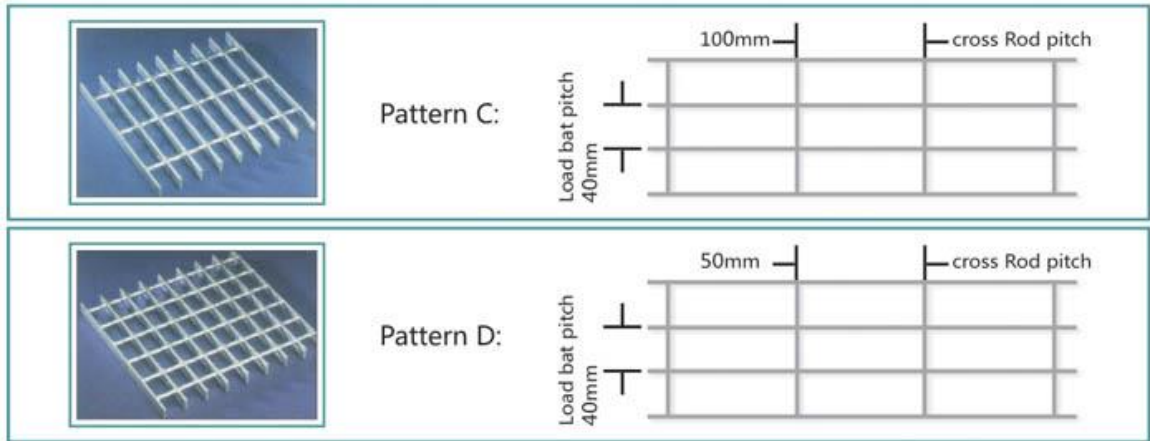
### A & B series

This series of aluminum grating conforms to AS 1657 standard and can be used on fixed platforms, walkways, stairs or escalators. It is the most widely used in the industry. The center spacing of the load aluminum material is 30mm, which has the best strength and impact resistance, and is widely used in power plants, fine chemicals, sewage treatment plants, chemical plants, stair treads, etc. The toothed aluminum grating has good anti-skid performance and is used for offshore platforms with a lot of oil pollution.



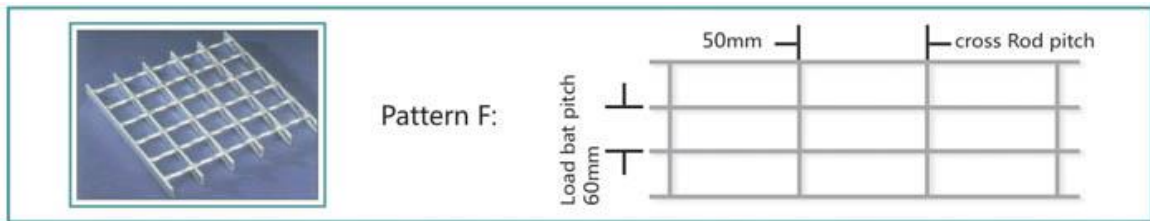
### C&D series

Compared with A&B, it is more economical and lighter, and the center spacing of the loaded aluminum material is 40mm, which meets the standard requirements of AS1657. This product is often used in places with lighter loads and shocks.

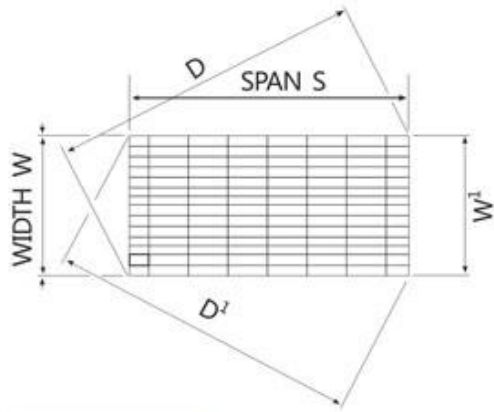


**F series**

The series F aluminum grating is specially developed for the mining industry. The center spacing of the loaded aluminum is 60mm, which solves the problem of mineral splashing and accumulating on the walkway. Commonly used in the fields of mineral mining and processing engineering.

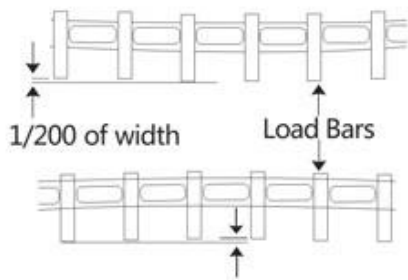


**About errors**



Grating Span Unit: mm	S	W1	D1
S < 3000	±3	W±3	D±3.5
S > 3000 S < 6000	±S/1000	W±3	D±S/500

### Lateral Bend



### Lateral Bend

