

DRAINAGE GRATES



**JIMU
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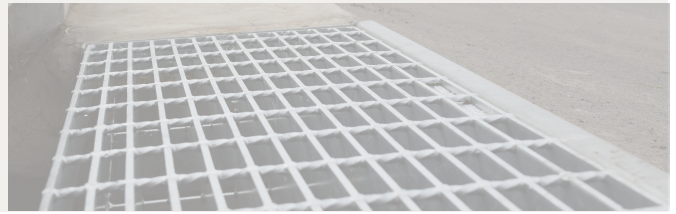
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Drainage Grate is mainly applied into walkway, driveway or ground floor of building. It can be used with fastening or anti-theft devices if customer needed.

Drainage Grates



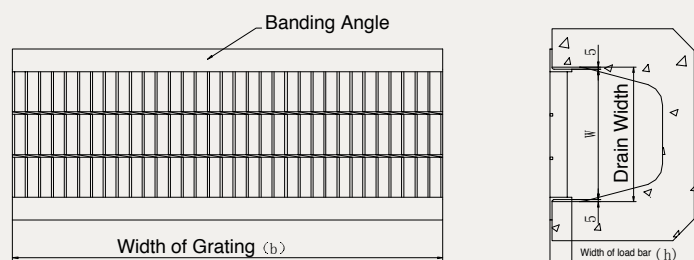
GU

— Apply to general concrete made open ditch. It is very simple and material saving to use U-shape of grates.

Drain Width (mm)	T-2			
	Product Code	Grating size b×W×h (mm)	Banding Angle	Weight (kg/piece)
200	GU200-25	995 x 190 x 25	L40 x 5	12.2
300	GU300-25	995 x 290 x 25	L40 x 5	16
400	GU400-32	995 x 390 x 32	L40 x 5	23.7
450	GU450-32	995 x 443 x 32	L40 x 5	26.3
500	GU500-45	995 x 488 x 45	L50 x 6	41.7
600	GU600-50	995 x 588 x 50	L56 x 6	53.8
T-6				
200	GU200-25	995 x 190 x 25	L40 x 5	12.2
300	GU300-38	995 x 290 x 38	L40 x 5	21.3
400	GU400-45	995 x 390 x 45	L50 x 6	35.1
450	GU450-50	995 x 440 x 50	L50 x 6	41.6
500	GU500-50	995 x 490 x 50	L50 x 6	45.2
600	GU600-55	995 x 590 x 55	L63 x 6	59.4
T-14				
200	GU200-32	995 x 190 x 32	L40 x 5	14.0
300	GU300-45	995 x 290 x 45	L50 x 6	28.4
400	GU400-50	995 x 390 x 50	L50 x 6	37.8
450	GU450-55	995 x 440 x 55	L63 x 6	47.4

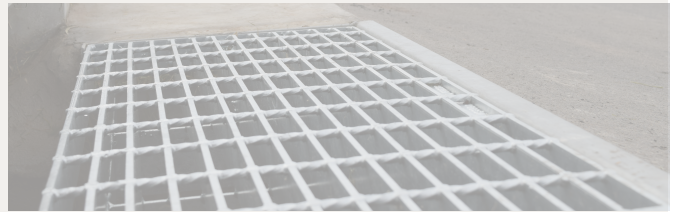
* For more models and information, please see YB/ T4001.1-2007 page 18.

Loading Class	Normal Wheels Loading (kg)	Rear Wheel Loading (kN)	Wheel-pressure Area a x b (mm ²)
T-2	2000	8	200x160
T-6	6000	24	200x240
T-14	14000	56	200x500
T-20	20000	80	200x500
T-25	25000	100	200x500



GU Type Drainage Grating

Drainage Grates



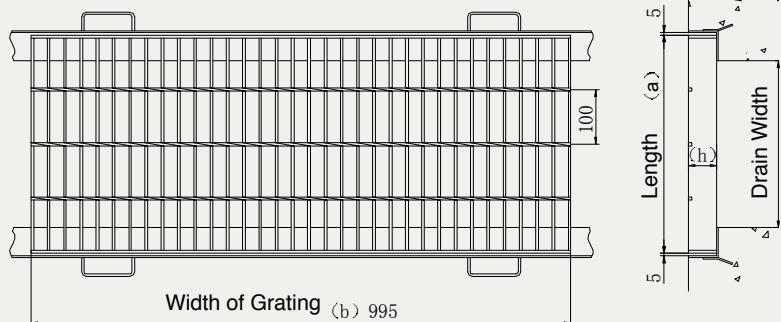
GT

— Except to the highway, GT type grates is suitable to the road that is not too much traffic. Angles are installed in the ditch.

Drain Width (mm)	T-2 and Pedestrian Loading			
	Product Code	Grating Size b×a×h (mm)	Weight (kg/piece)	Banding Angle
200	GT200-20	995 x 260 x 20	6.0	L40x25x5
300	GT300-25	995 x 364 x 25	15.9	L40x28x3
400	GT400-25	995 x 464 x 25	19.7	L40x28x3
450	GT450-32	995 x 544 x 32	28.8	L56x36x4
500	GT500-45	995 x 580 x 45	42.2	L50x50x5
600	GT600-50	995 x 690 x 50	54.8	L56x56x6
T-6				
200	GT200-32	995 x 294 x 32	16.6	L56x36x4
300	GT300-38	995 x 416 x 38	26.7	L70x45x7
400	GT400-50	995 x 490 x 50	40	L56x56x6
450	GT450-50	995 x 540 x 50	43.4	L56x56x6
500	GT500-50	995 x 590 x 50	47.4	L56x56x6
600	GT600-50	995 x 700 x 55	60.8	L60x60x5
T-14				
200	GT200-32	995 x 294 x 32	16.6	L56x36x4
300	GT300-45	995 x 380 x 45	28.8	L50x50x5
400	GT400-50	995 x 480 x 50	39.3	L56x56x6
450	GT450-55	995 x 550 x 55	48.9	L60x60x5
500	GT500-60	995 x 610 x 60	58.6	L65x65x5
600	GT600-75	995 x 750 x 75	87.9	L80x80x5
T-20				
200	GT200-38	995 x 316 x 38	21.1	L70x45x7
300	GT300-50	995 x 390 x 50	32.6	L56x56x6
400	GT400-55	995 x 500 x 55	44.7	L60x60x5
450	GT450-65	995 x 590 x 65	59.3	L70x70x5
500	GT500-75	995 x 640 x 75	75.9	L80x80x5
T-25				
200	GT200-45	995 x 280 x 45	22.2	L50x50x5
300	GT300-50	995 x 390 x 50	32.6	L56x56x6
400	GT400-65	995 x 520 x 65	54.7	L70x70x5
450	GT450-75	995 x 590 x 75	70.3	L80x80x5

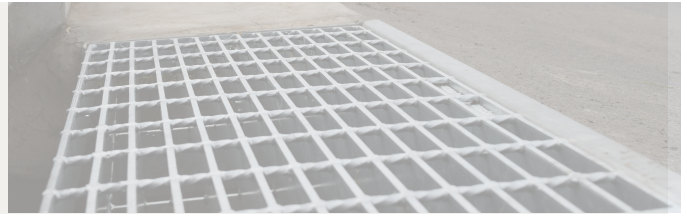
* For more models and information, please see YB/ T4001.1-2007 page 17.

Loading Class	Normal Wheels Loading (kg)	Rear Wheel Loading (kN)	Wheel-pressure Area a x b (mm ²)
T-2	2000	8	200x160
T-6	6000	24	200x240
T-14	14000	56	200x500
T-20	20000	80	200x500
T-25	25000	100	200x500



GT Type Drainage Grating

Drainage Grates

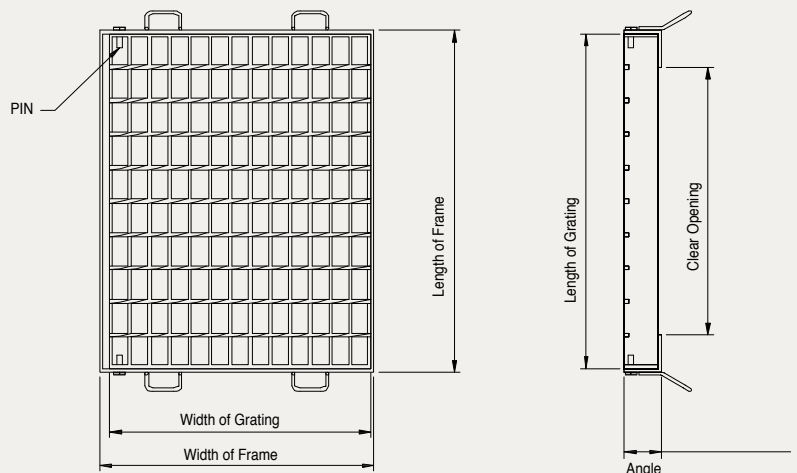


GM

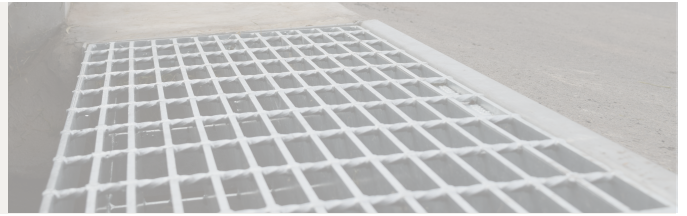
— It is suitable for catch basin, sand sediment trap, manhole and sewage well that applied to road, park and other public facilities.

Suitable Loading Class	Loading Class	Grating Model	Grating		Frame		
	Width x Length		Size h x a x b	Weight	Size B x A x H	Angle	Weight
T-25	500 x 500	GM55-65	485 x 620 x 65	36.2	515 x 640 x 70	L 70 x 5	11.4
	700 x 700	GM77-75	695 x 840 x 75	70.6	725 x 860 x 80	L 80 x 5	17.1
T-20	400 x 500	GM45-55	395 x 600 x 55	21.7	425 x 620 x 60	L 60 x 5	9.0
	600 x 600	GM66-65	605 x 720 x 65	51.9	635 x 740 x 70	L 70 x 5	14.6
T-14 (included T-6)	400 x 400	GM44-45	395 x 480 x 45	14.7	425 x 500 x 50	L 50 x 5	7.2
	500 x 500	GM55-50	485 x 590 x 50	24.0	515 x 610 x 56	L 56 x 6	10.1
	600 x 600	GM66-55	605 x 700 x 55	38.2	635 x 720 x 60	L 60 x 5	11.5
T-2 (included pedestrian)	400 x 400	GM44-32	395 x 454 x 32	10.3	425 x 472 x 36	L 36 x 4	4.8
	500 x 500	GM55-40	485 x 570 x 40	18.9	515 x 590 x 45	L 45 x 5	7.2
	600 x 600	GM66-40	605 x 670 x 40	27.4	635 x 690 x 45	L 45 x 5	8.3
	700 x 700	GM77-45	695 x 780 x 45	40.4	725 x 800 x 50	L 50 x 5	10.2

Loading Class	Normal Wheels Loading (kg)	Rear Wheel Loading (kN)	Wheel-pressure Area a x b (mm ²)
T-2	2000	8	200x160
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T-14	14000	56	200x500
T-20	20000	80	200x500
T-25	25000	100	200x500

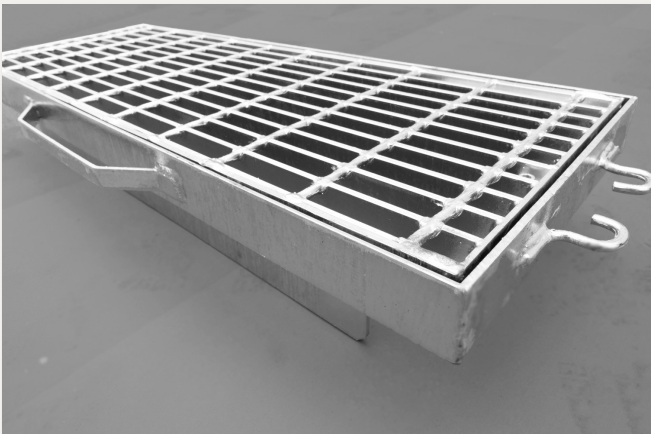
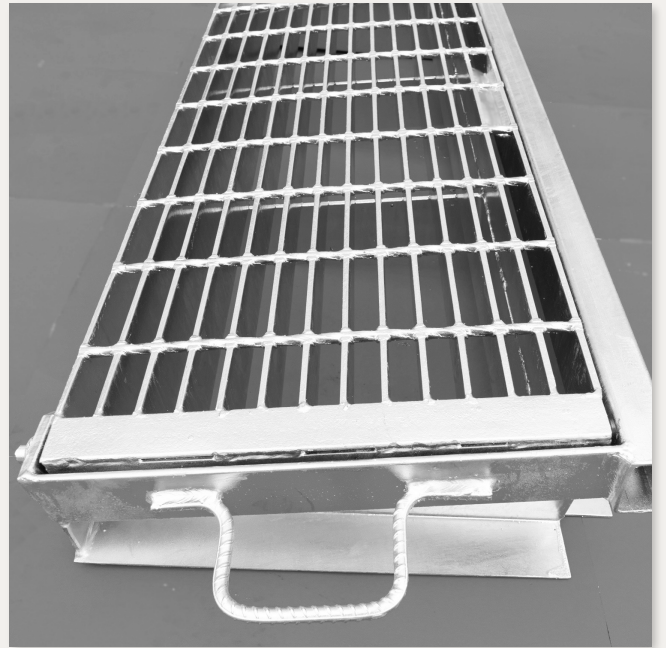
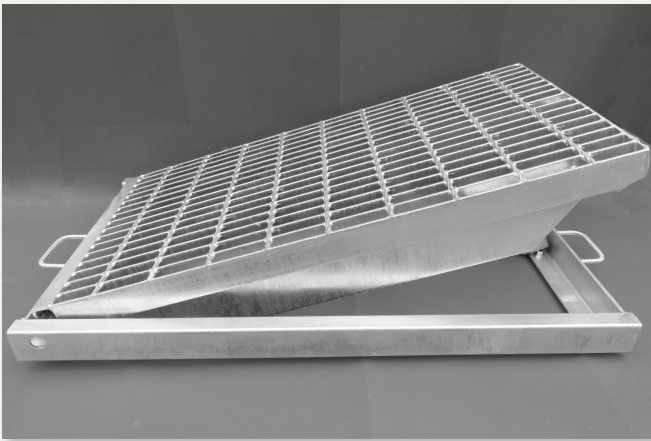


Drainage Grates

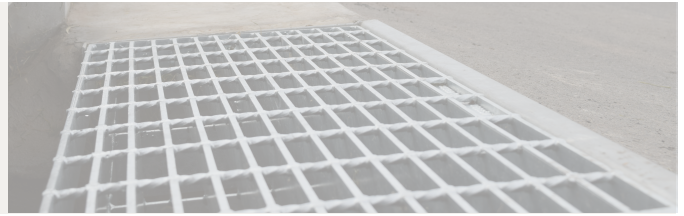


GM

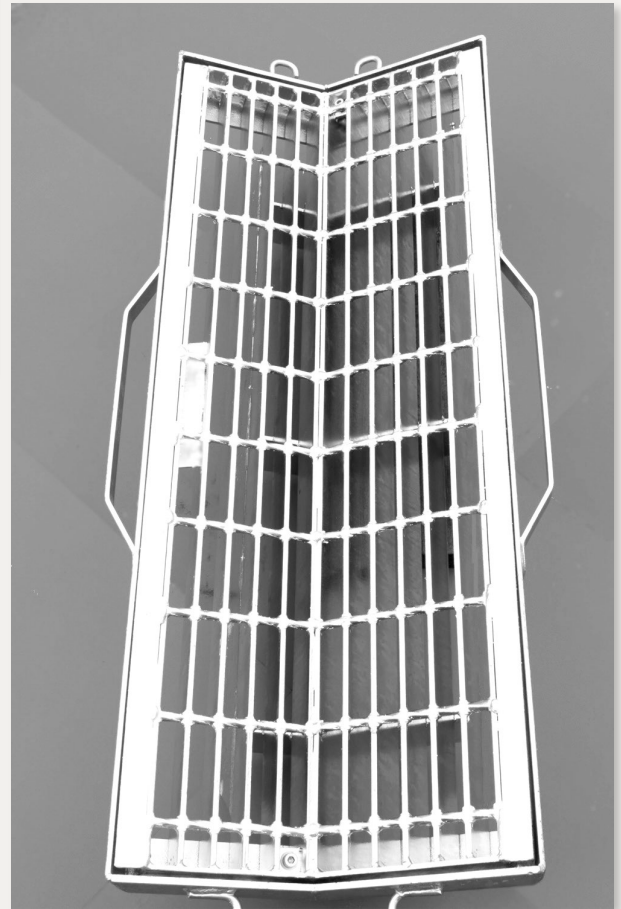
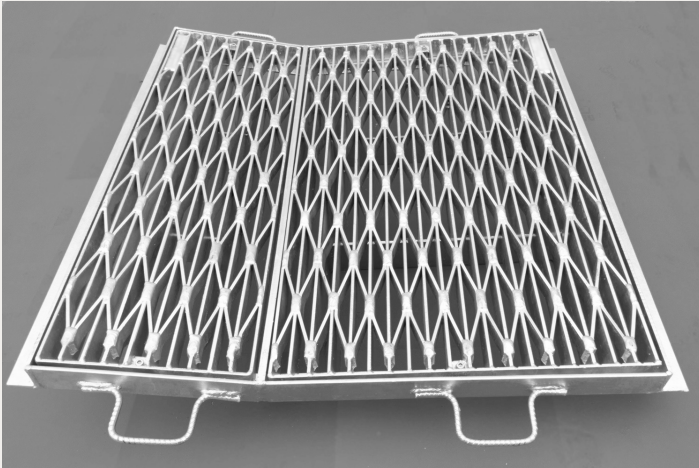
— As there is different standards for different countries, our company also can produce different type of drainage.



Drainage Grates







GM



* The above pictures are only a part of models that our company produced and satisfied our customer's requirements. This pictures included some information that:

- According to customer's requirements, our engineer can customize the drainage grates to satisfy A to D loading class. (Please see bottom Loading Class Table.)
- Suitable for freeway, highway, and sub-divisions.
- The clear opening size could satisfy our customer's requirement.
- Drainage grates are generally divided into four-sides frame and three-sides frame matched to road camber.
- Hinged grate and frame.
- Security bolt locking system.
- Bicycle safe.
- Un-flat grates are suitable for dished crossing and roll-formed kerbs in sub-division.

TRAFFIC CONDITIONS		Nominal Wheel Loading (kg)	Serviceability Design Load (kN)	Ultimate Limit Design Load (kN)
CLASS A – Extra Light Duty: Areas, including footways, accessible only to pedestrians and pedal cyclists and closed to other traffic		330	6.7	10
CLASS B – Light Duty : Areas, including footways and light tractor paths accessible to vehicles (excluding commercial vehicles) or livestock		2670	53	80
CLASS C – Medium Duty: Malls and areas open to slow-moving commercial traffic		5000	100	150
CLASS D – Heavy Duty: Carriageways of roads and areas open to commercial vehicles		8000	140	210