



Product Catalog

ANPING YUNDE METAL CO., LTD

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Company Overview

Anping Yunde Metal Company is a renowned specialist in expanded and perforated metal mesh solutions.

Operating from a 30,000+ sqm site in Anping, Hebei, China, it is a leader and innovator in developing and manufacturing such products—from construction materials to filters, grilles, walkways and striking architectural meshes.

The company offers strong technical expertise, with a highly skilled team supporting contractors and wholesalers through all project stages.

It serves diverse sectors including construction, filtration, automotive, aerospace, architecture, agriculture, acoustics, manufacturing, engineering and security, priding on close, long-term customer relationships.

Today, it continues to push boundaries, developing new patterns, products and applications. Innovation stems from working closely with clients to understand their unique needs.

Its strengths lie in a committed, skilled workforce and world-class machinery, providing unsurpassed engineering and technical support.

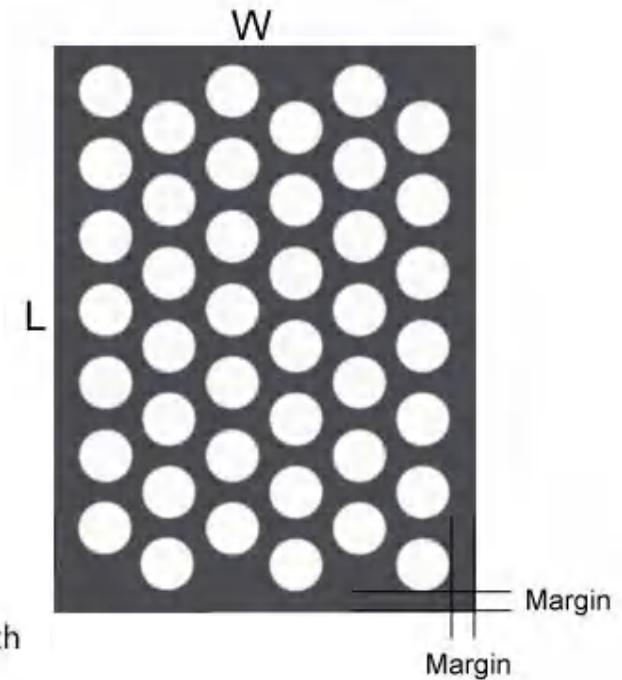
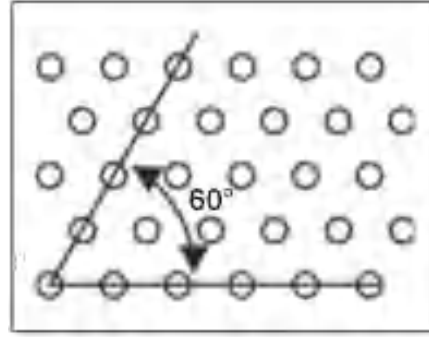
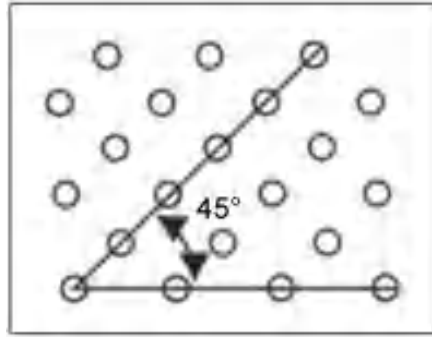
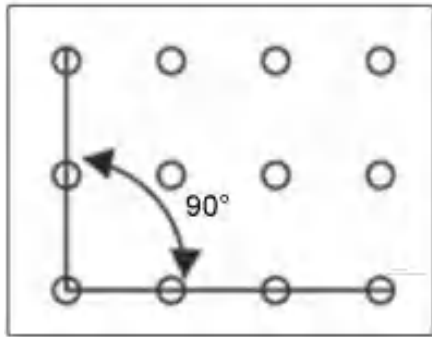
It is proud to support and develop the global manufacturing sector.

Our Advantages

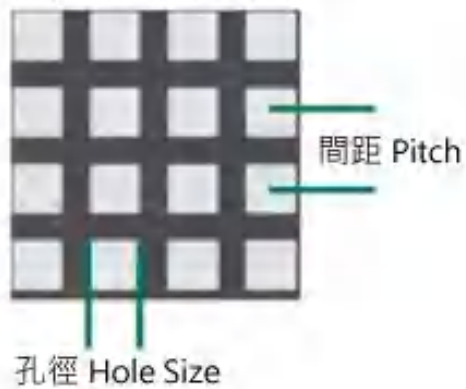
1. Under the factory direct sales, products are supplied directly to customers, eliminating all intermediate circulation links, with no price markup by middlemen, allowing you to purchase high-quality steel mesh at a favorable price.
2. Equipped with deep-throat punching machines, gantry punching machines, turret punching machines, laser cutting machines and internationally advanced leveling machines to ensure uniform mesh holes and flat mesh surfaces.
3. Related service supports are available for you including tooling punching, laser cutting, shearing, folding, forming, welding, stamping, galvanizing, powder coating, PVDF coating, anodizing, etc.
4. Customizable specifications, materials and sizes. All common standard and popular patterns tooling molds or punching dies are ready, saving cost and delivery time.



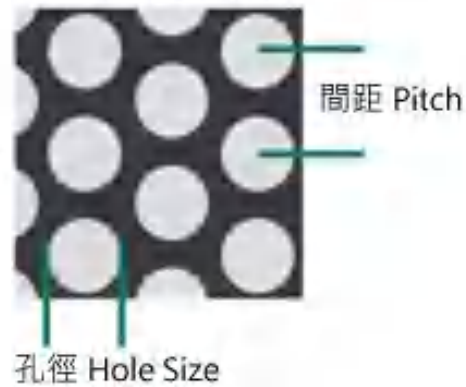
Perforated metal-Technical Parameters



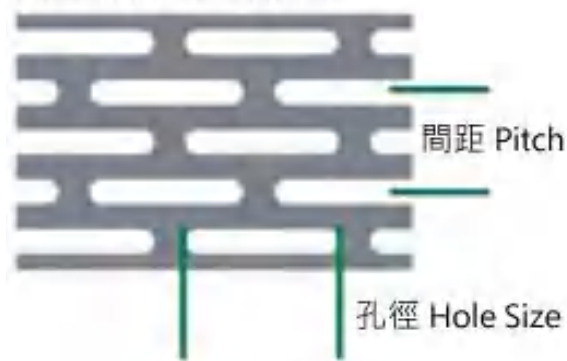
Square Hole 方孔



Round Hole 圓孔



Slotted Hole 長孔條

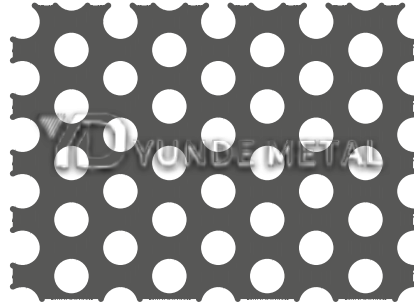


Perforated metal-specifications

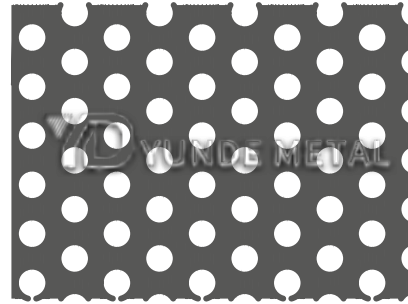
「Round hole



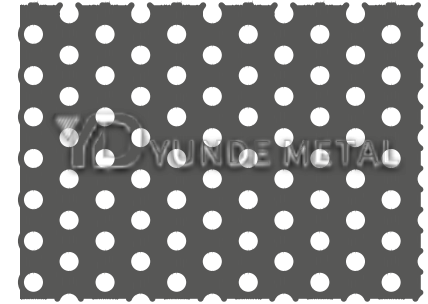
RT30×42 60°



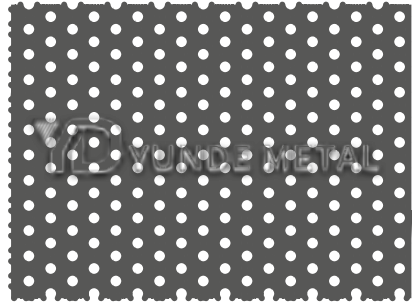
RT10×14 60°



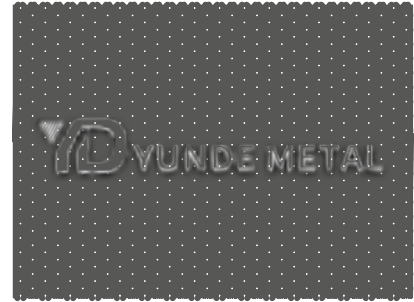
RT8×12 60°



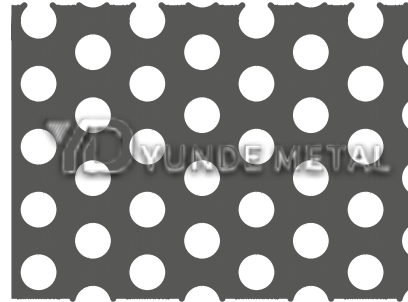
RT6×10 60°



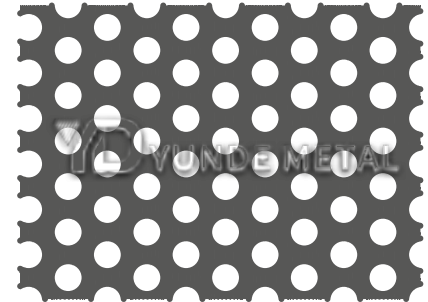
RT4×6 60°



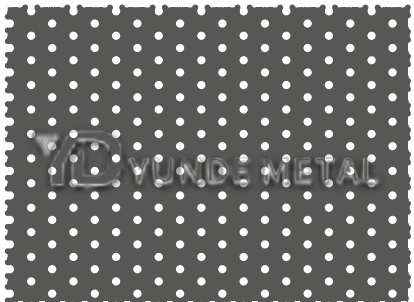
RT2×3.5 60°



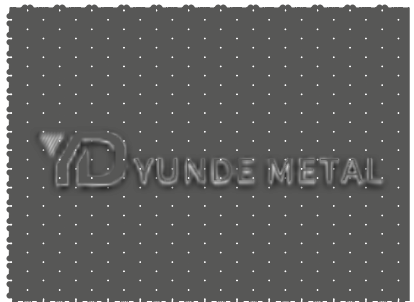
RT10×15 60°



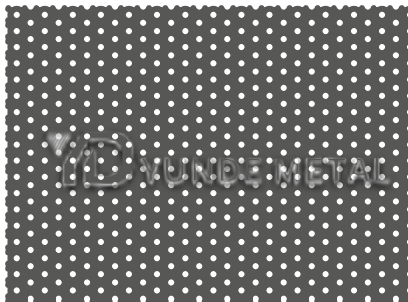
RT8×11 60°



RT3.5×6 60°



RT2×4.5 60°

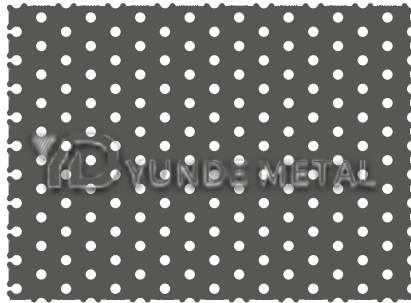


RT3×4 60°

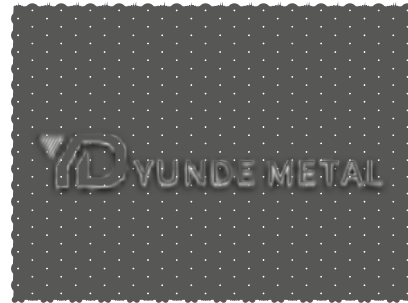


RT0.8×1.6 60°

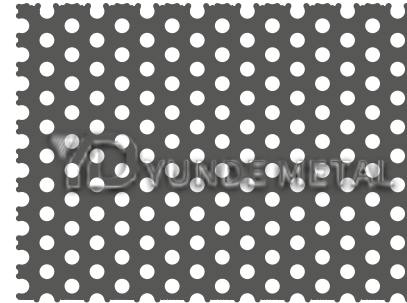
Perforated metal-specifications



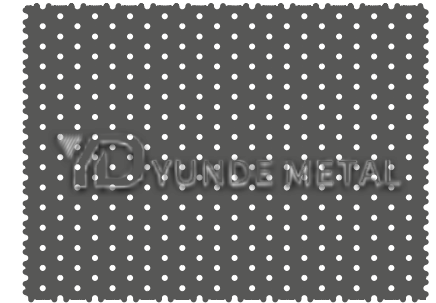
RT4×7 60°



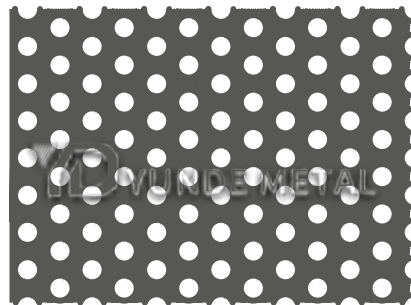
RT2×4 60°



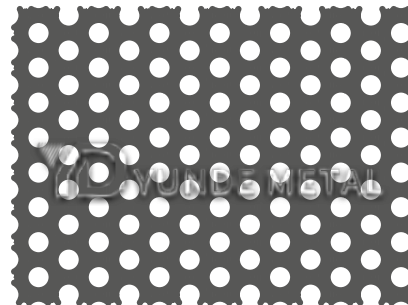
RT5×7 60°



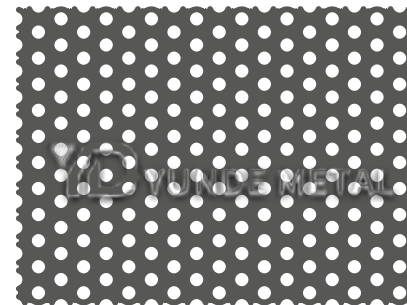
RT3×5 60°



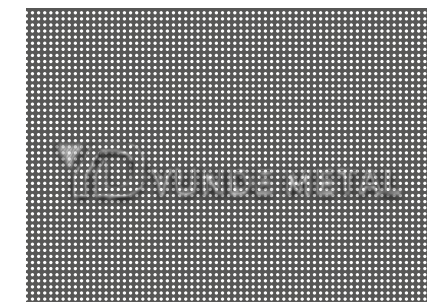
RT6×9 60°



RT6×8 60°



RT4 7×6 4 60°

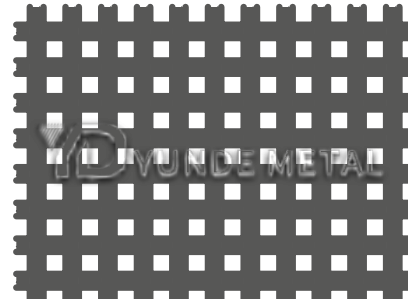


RT1 5×2 5 60°

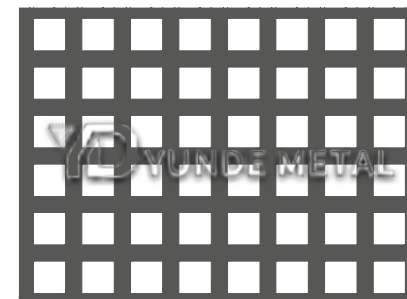
「Square hole



CU10×20 90°



CU5×8 90°

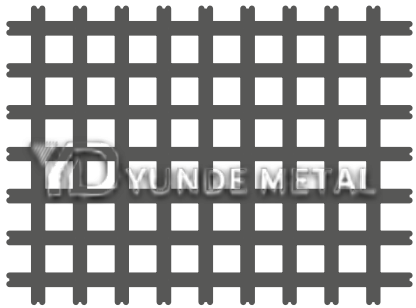


CU8×12 90°

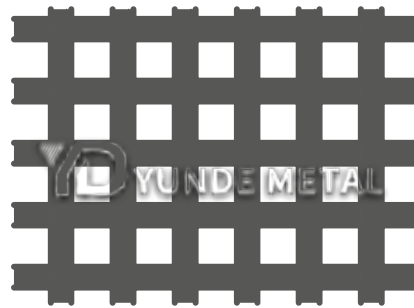


CU20×40 90°

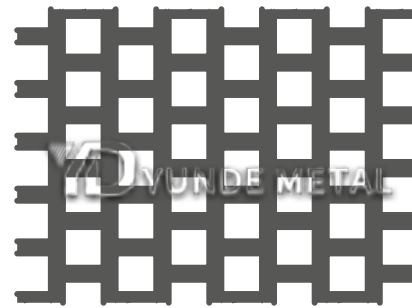
Perforated metal-specifications



CU8x10 90°



CU10x15 90°

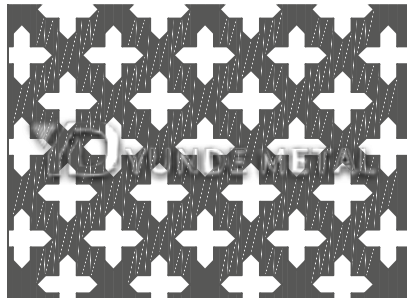


CU10x13 45°

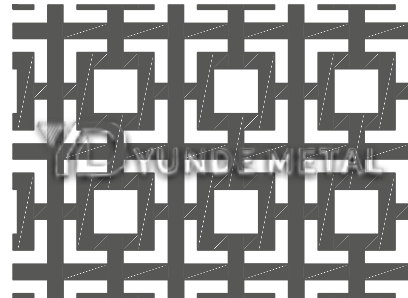


CU10x14 45°

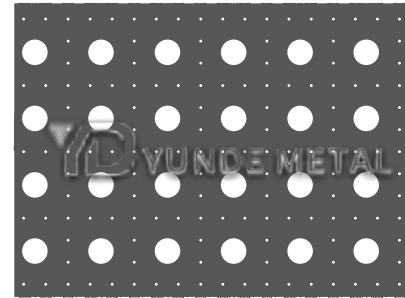
「Special-shaped hole



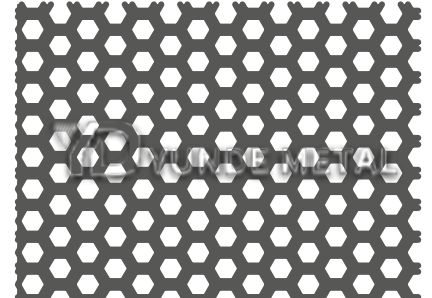
CRUCUFER



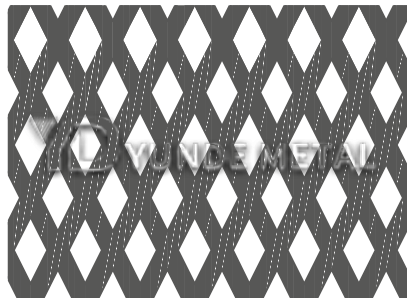
CADENA



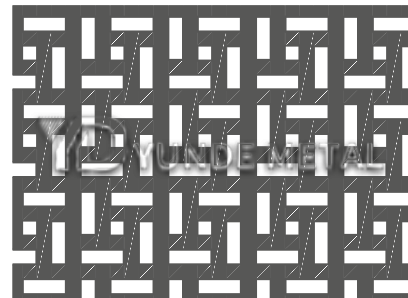
ESTERILLA



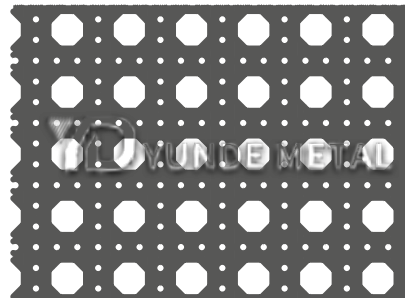
HEXAGON



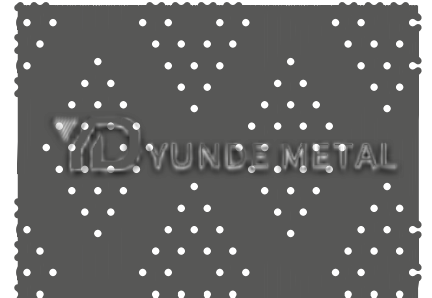
DIAMOND504



MOLINO



STARANISE508

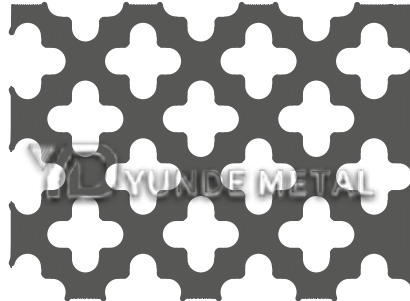


RT305

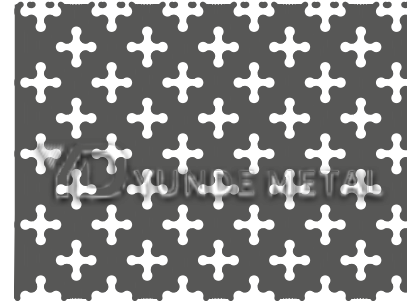
Perforated metal-specifications



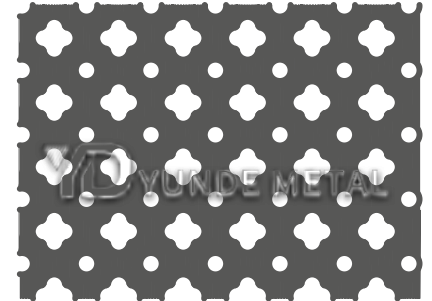
CU20x40 45°



D820



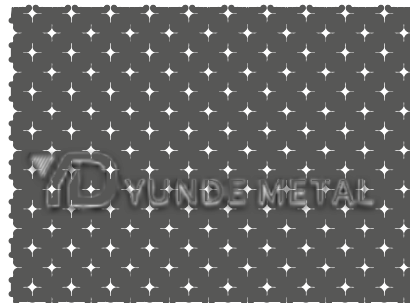
D54



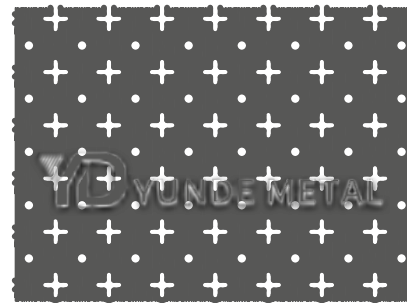
DR510



CU10x20 45°

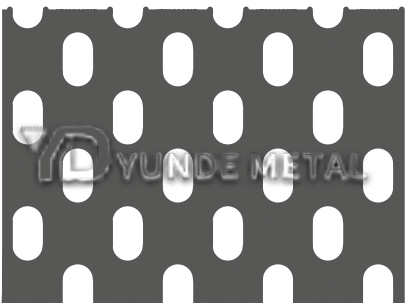


D260

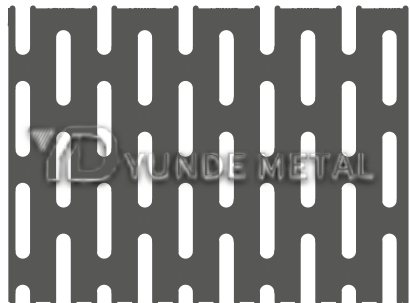


DR273

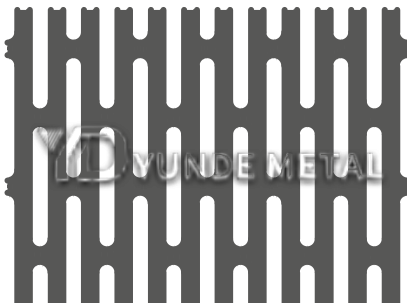
「Slotted hole



RL9x15 Z25x29



RL9x15 Z25x29



RL5x30 Z16x33

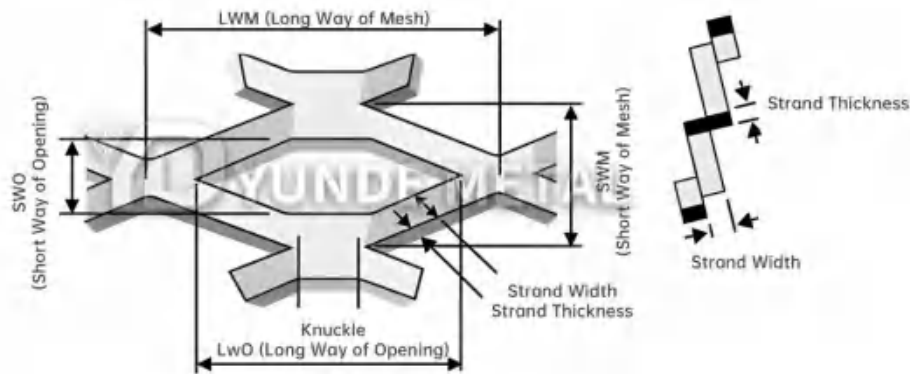


RL2.5x20 Z15x25

Expanded Metal-Technical Parameters

Regular Expanded Metal

Expanded metal as it comes off the machine. The strands and knuckles are set at a uniform angle to the plane of the sheet.



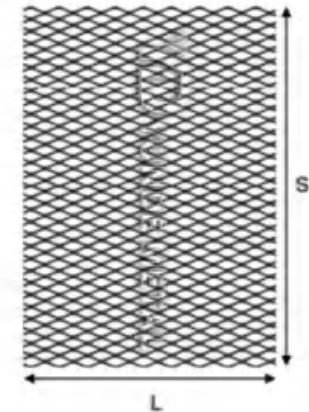
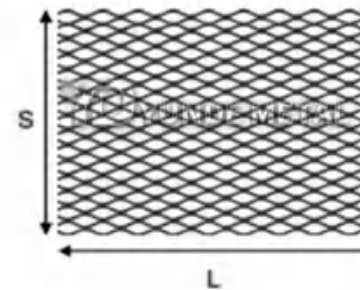
Technical Glossary

Measurements

Expanded metals are specified first with LWM ((Long Way of Mesh) followed by SWM (ShortWay of Mesh).

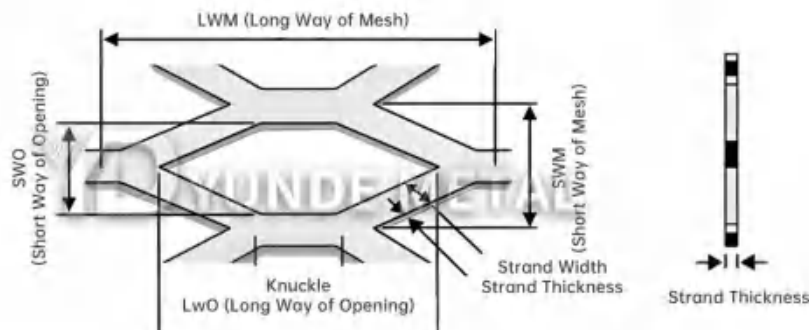
L: LWM - Length of LWM

S: SWM -Length of SWM



Flattened Expanded Metal

Regular expanded metal that has been rolled flat, resulting in a smooth, even surface of diamond-shaped openings.



Standard Expanded (Raised)



Flattened Expanded

Expanded Metal-Specifications



YD1-1

Specification: 34*79
Thickness:1.2mm
Size:1.22m*2.44m
Customization is supported.



YD1-2

Specification: 35*55
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.



YD2-1

Specification: 30*50
Thickness:3.0mm
Size:1.22m*2.44m
Customization is supported.



YD2-2

Specification: 25*50
Thickness:3.0mm
Size:1.22m*2.44m
Customization is supported.



YD1-3

Specification: 28*60
Thickness:1.5mm
Size:1.22m*2.44m
Customization is supported.



YD1-4

Specification: 30*55
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.



YD2-3

Specification: 23.7*50.8
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.



YD2-4

Specification: 20*30
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.

Expanded Metal-Specifications



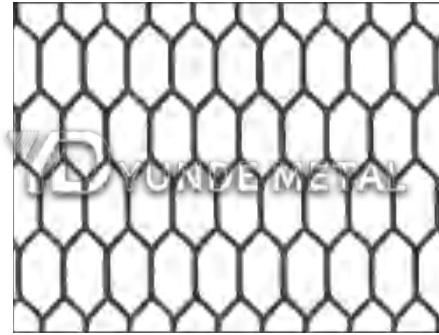
YD3-1

Specification: 20*40
Thickness: 1.5mm
Size: 1.22m*2.44m
Customization is supported.



YD3-2

Specification: 16.3*30.5
Thickness: 2.0mm
Size: 1.22m*2.44m
Customization is supported.



YD4-1

Specification: 14*44
Thickness: 2.0mm
Size: 1.22m*2.44m
Customization is supported.



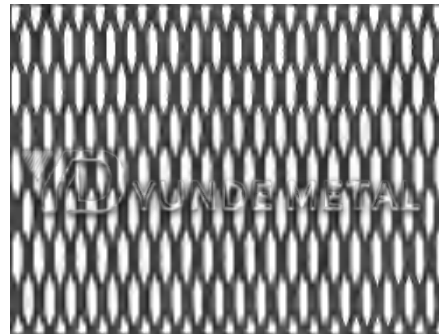
YD4-2

Specification: 16.4*30*60
Thickness: 1.5mm
Size: 1.22m*2.44m
Customization is supported.



YD3-3

Specification: 25*30
Thickness: 1.2mm
Size: 1.22m*2.44m
Customization is supported.



YD3-4

Specification: 6*26
Thickness: 1.2mm
Size: 1.22m*2.44m
Customization is supported.



YD4-3

Specification: 18*50
Thickness: 1.5mm
Size: 1.22m*2.44m
Customization is supported.



YD4-4

Specification: 15.4*30*60
Thickness: 1.0mm
Size: 1.22m*2.44m
Customization is supported.

Expanded Metal-Specifications



YD5-1

Specification: 23*50
Thickness:1.2mm
Size:1.22m*2.44m
Customization is supported.



YD5-2

Specification: 23*30
Thickness:1.5mm
Size:1.22m*2.44m
Customization is supported.



YD6-1

Specification: 13*30
Thickness:1.5mm
Size:1.22m*2.44m
Customization is supported.



YD6-2

Specification: 15*30
Thickness:1.0mm
Size:1.22m*2.44m
Customization is supported.



YD5-3

Specification: 12.7*30
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.



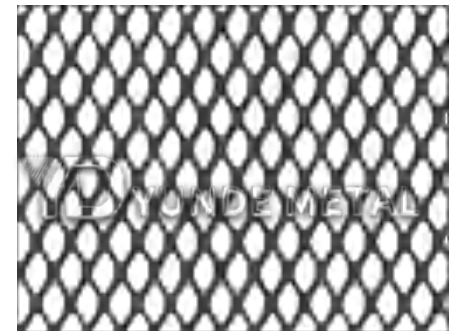
YD5-4

Specification: 11*30
Thickness:1.5mm
Size:1.22m*2.44m
Customization is supported.



YD6-3

Specification: 6*12.5
Thickness:0.7mm
Size:1.22m*2.44m
Customization is supported.



YD6-4

Specification: 12*20
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported.

Expanded Metal-Specifications



YD7-1

Specification: 12.5*25
Thickness: 1.5mm
Size: 1.22m*2.44m
Customization is supported.



YD7-2

Specification: 10*20
Thickness: 1.0mm
Size: 1.22m*2.44m
Customization is supported.



YD8-1

Specification: 10*12.7
Thickness: 1.0mm
Size: 1.22m*2.44m
Customization is supported.



YD8-2

Specification: 8*16
Thickness: 1.5mm
Size: 1.22m*2.44m
Customization is supported.



YD7-3

Specification: 9*25
Thickness: 1.2mm
Size: 1.22m*2.44m
Customization is supported.



YD7-4

Specification: 8*16
Thickness: 1.4mm
Size: 1.22m*2.44m
Customization is supported.



YD8-3

Specification: 6*10
Thickness: 1.2mm
Size: 1.22m*2.44m
Customization is supported.



YD8-4

Specification: 7*10
Thickness: 1.0mm
Size: 1.22m*2.44m
Customization is supported.

Expanded Metal-Specifications



YD9-1

Specification: 9*16
Thickness:0.5mm
Size:1.22m*2.44m
Customization is supported.



YD9-2

Specification: 6*12.5
Thickness:1.0mm
Size:1.22m*2.44m
Customization is supported.



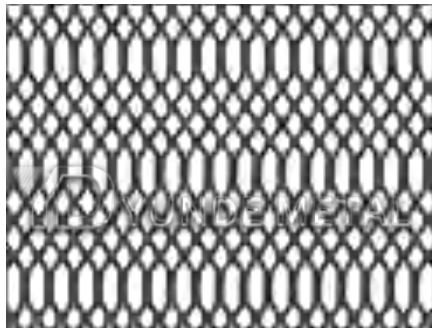
YD10-1

Specification: 7*12.5
Thickness:1.0mm
Size:1.22m*2.44m
Customization is supported.



YD10-2

Specification: 7.5*10
Thickness:0.8mm
Size:1.22m*2.44m
Customization is supported.



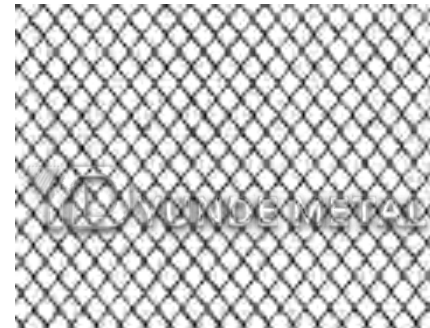
YD9-3

Specification: 9*12.5*20
Thickness:1.5mm
Size:1.22m*2.44m
Customization is supported.



YD9-4

Specification: 5*10
Thickness:2.0mm
Size:1.22m*2.44m
Customization is supported



YD10-3

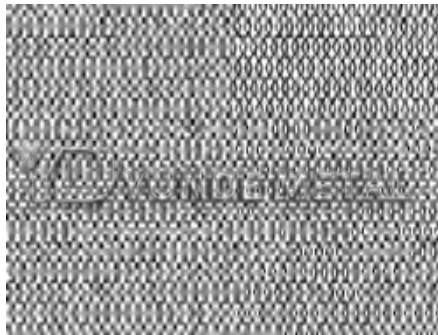
Specification: 7.9*9.8
Thickness:0.8mm
Size:1.22m*2.44m
Customization is supported.



YD10-4

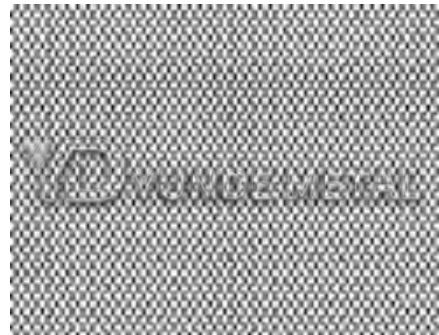
Specification: 3*6
Thickness:0.8mm
Size:1.22m*2.44m
Customization is supported

Expanded Metal-Specifications



YD11-1

Specification: 3.4*6.25
Thickness:0.5mm
Size:1.22m*2.44m
Customization is supported.



YD11-2

Specification: 4.5*5.5
Thickness:0.8mm
Size:1.22m*2.44m
Customization is supported



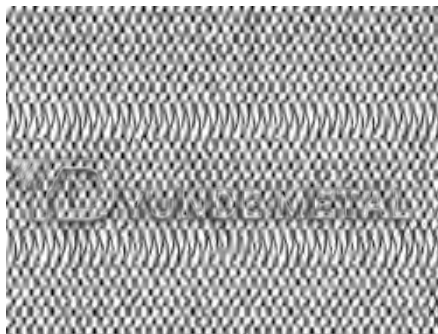
YD12-1

Specification: 6*12.5
Thickness:0.4mm
Size:1.22m*2.44m
Customization is supported.



YD12-2

Specification: 3.8*6
Thickness:0.4mm
Size:1.22m*2.44m
Customization is supported.



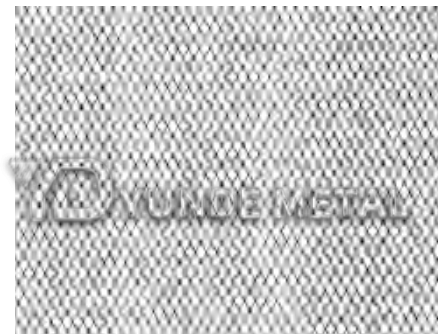
YD11-3

Specification: 3.4*6.25
Thickness:0.5mm
Size:1.22m*2.44m
Customization is supported.



YD11-4

Specification: 2.5*4
Thickness:0.5mm
Size:1.22m*2.44m
Customization is supported



YD12-3

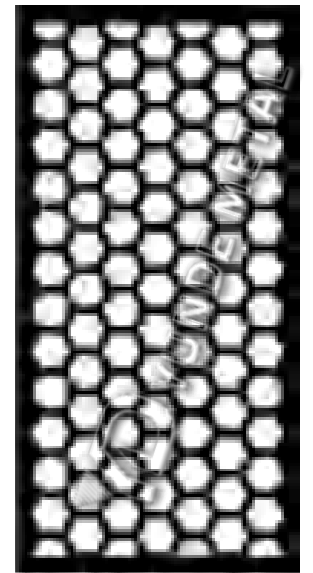
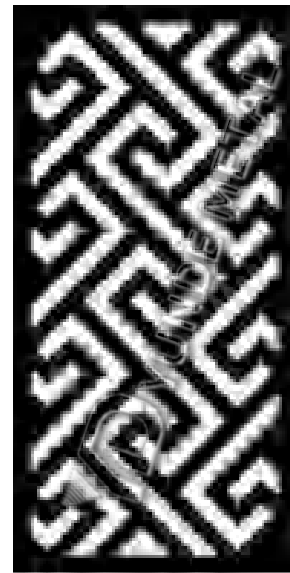
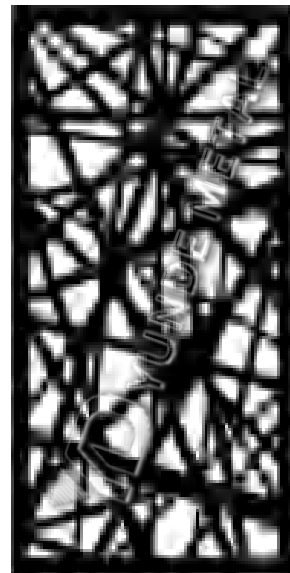
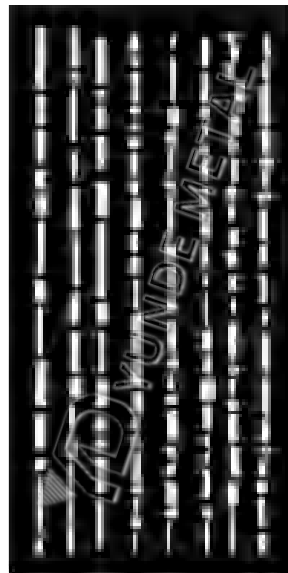
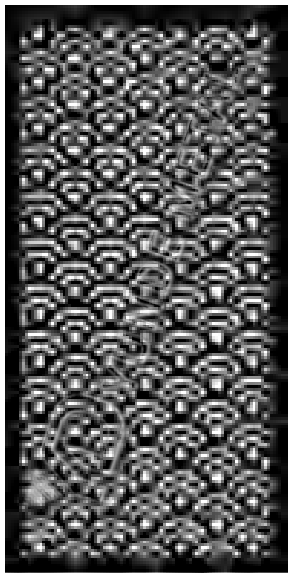
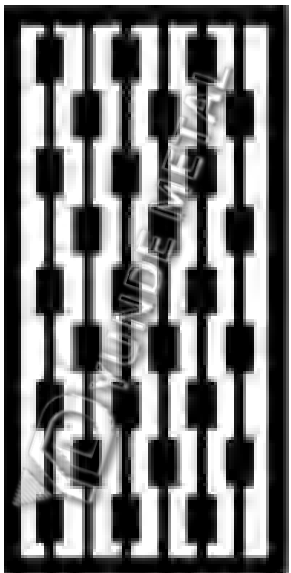
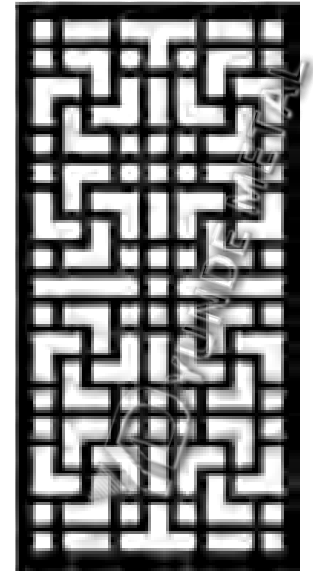
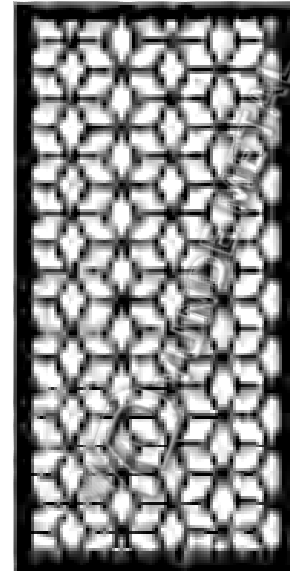
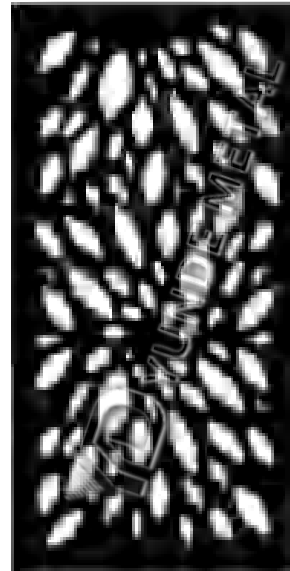
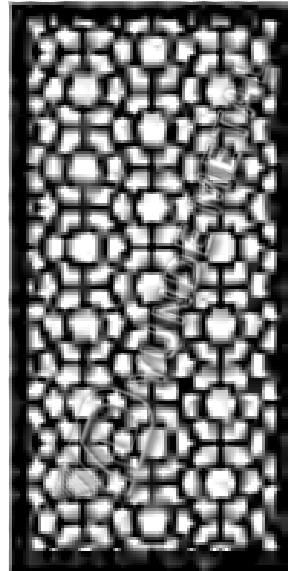
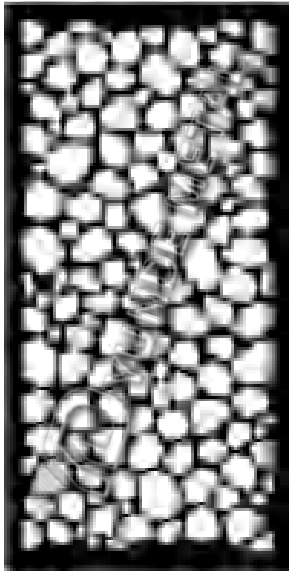
Specification: 2.6*6
Thickness:0.4mm
Size:1.22m*2.44m
Customization is supported.



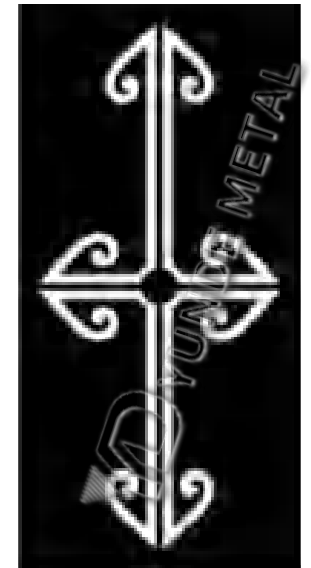
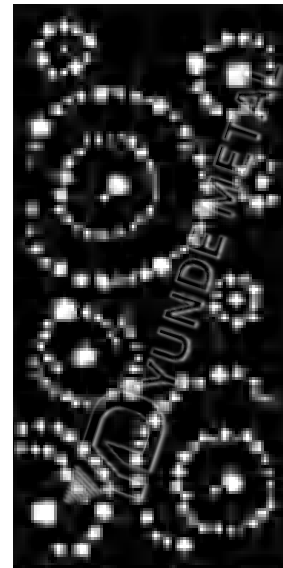
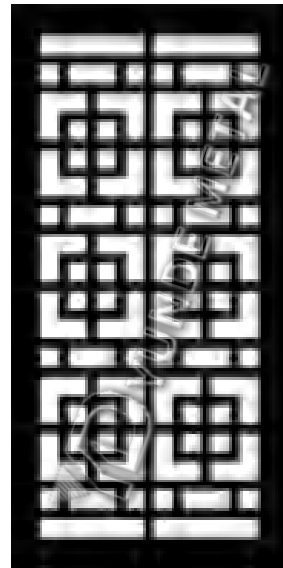
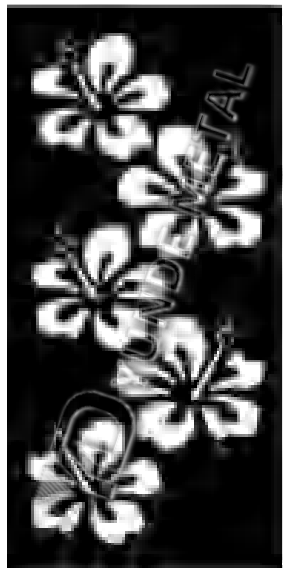
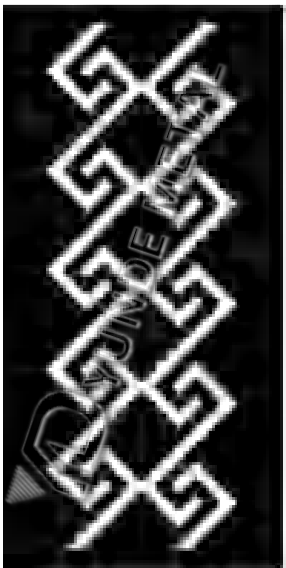
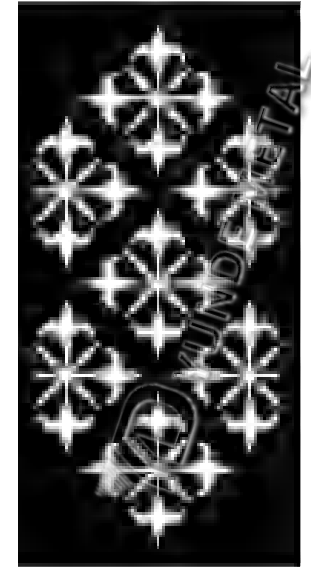
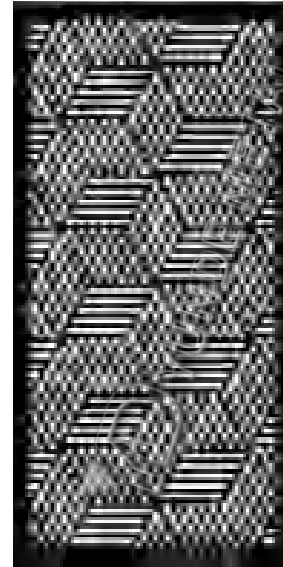
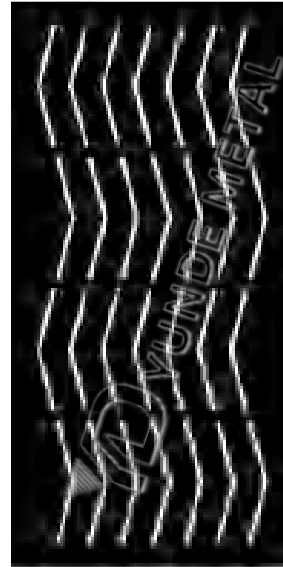
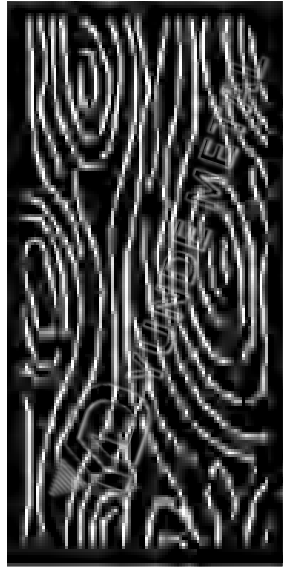
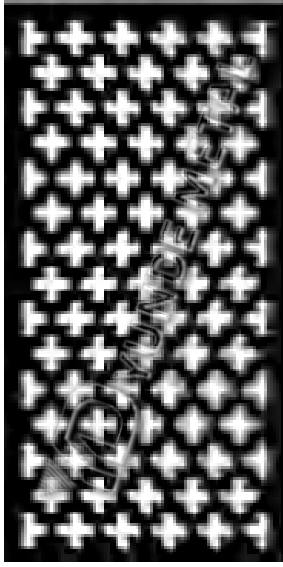
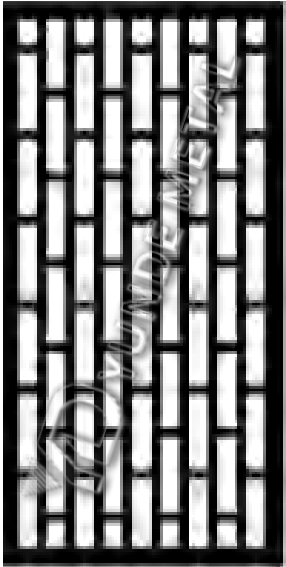
YD12-4

Specification: 2*3
Thickness:0.3mm
Size:1.22m*2.44m
Customization is supported.

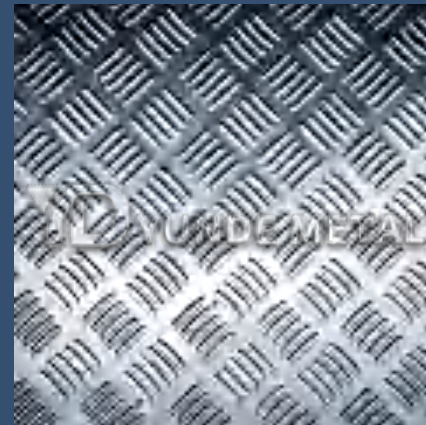
Laser Cutting Decorative Mesh-Specifications



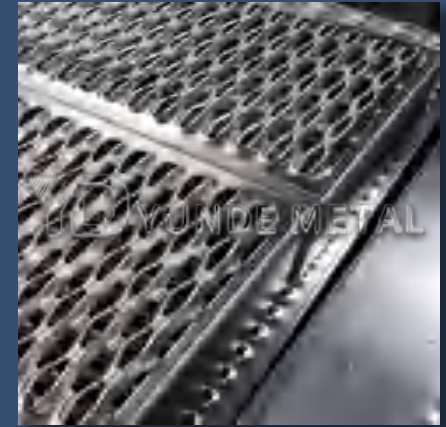
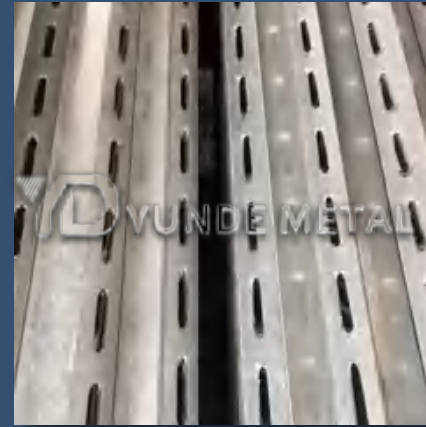
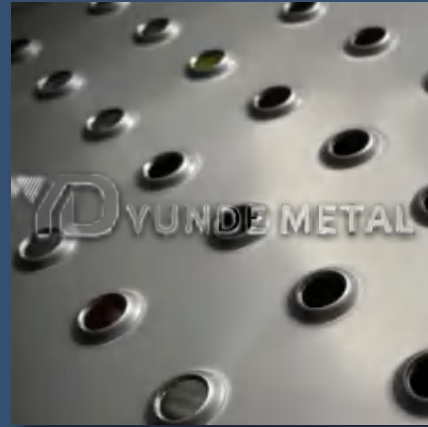
Laser Cutting Decorative Mesh-Specifications



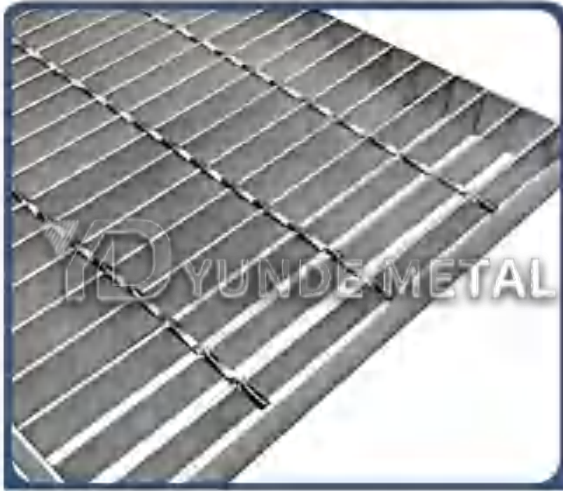
Anti-skid Plate-specifications



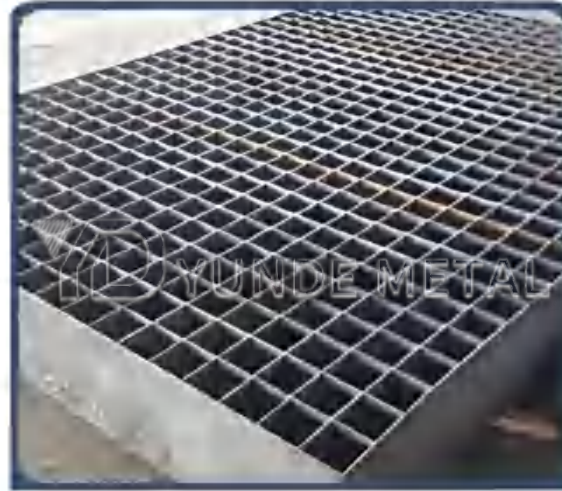
Anti-skid Plate-specifications



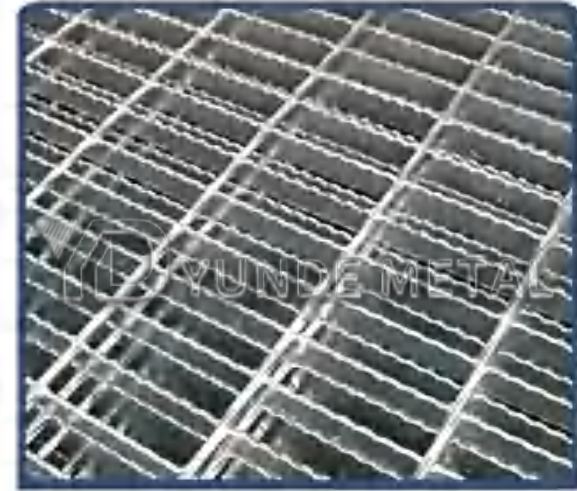
Steel Bar Grating-Specifications



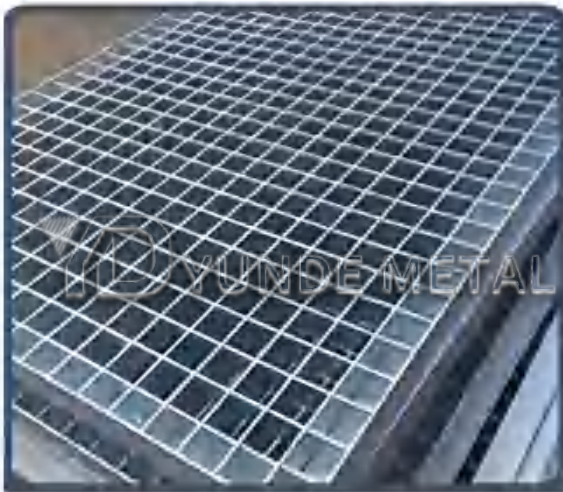
Light steel grating



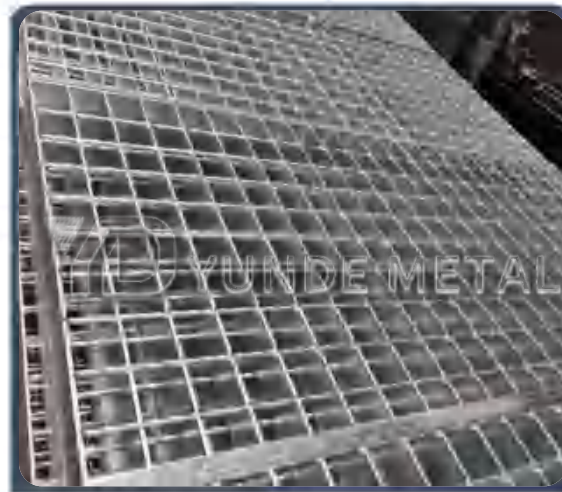
Heavy steel grating



Toothed steel grating



Insert steel grating



Compound steel grating



Irregular steel grating

Steel Bar Grating-Technical Parameters

BEARER BAR DEPTH X THICKNESS (MM)	CENTERS WIDTH X LENGTH (MM)	WEIGHT (KG/M ²)		LOAD	BEARER BAR SPAN/LENGTH (MM)						
		Unbanded	Banded		500	750	1000	1250	1500	1750	2000
25x4.5	43x50	27,6	29,3	ULD	6050	2685	1140	580	309	~	~
				C	1510	1000	756	432	295	~	~
25x4.5	50x50	26,3	27,9	ULD	5186	2301	977	497	265	~	~
				C	1294	857	648	370	253	~	~
30x4.5	43x50	31,8	38,7	ULD	8700	3870	1980	1015	253	338	~
				C	2180	1450	1090	870	518	369	~
30x4.5	50x50	29,9	31,7	ULD	7457	3317	1697	8705	459	290	~
				C	1869	1243	934	746	444	316	~
40x4.5	43x50	39,9	42,3	ULD	15485	6880	3870	2475	1270	800	528
				C	3875	250	1935	1548	1290	873	672
40x4.5	50x50	37,2	39,4	ULD	13273	5897	3317	2121	1089	686	453
				C	3321	2211	1659	1327	1106	748	576
50x4.5	43x50	48,3	51,2	ULD	24190	10752	6048	3870	2688	1560	1025
				C	6048	4032	3027	2415	2016	1728	1305
50x4.5	50x50	44,6	47,3	ULD	20734	9216	5184	3317	2304	1337	879
				C	5184	3456	2595	2070	1728	1481	1119

The span load of the Grating is dependent on your desired load.

Load: ULD = Uniformly Distributed Load (KN/M²)

Load: C= Maximum concentrated/centre line load (KG/M)

If separated: Reduce loads by 10% and a maximum span per load by +- 3.5%

Galvanising increases mass by +-9% per M²

All figures in table to be taken as approximate values

Welded Wire Mesh-Technical Parameters



Stainless steel



Galvanized welded wire mesh



PVC welded wire mesh



Prevent cracking

Mesh/inch (mesh)	Wire diameter (mm)	Aperture (mm)	Mesh/inch (mesh)	Wire diameter (mm)	Aperture (mm)
2	1.8	10.9	60	0.15	0.273
3	1.6	6.866	70	0.14	0.223
4	1.2	1.15	80	0.12	0.198
5	0.91	4.17	90	0.11	0.172
6	0.8	3.433	100	0.10	0.154
8	0.6	2.575	120	0.08	0.132
10	0.55	1.990	140	0.07	0.111
12	0.50	1.616	150	0.065	0.104
14	0.45	1.362	160	0.065	0.094
16	0.40	1.188	180	0.053	0.088
18	0.35	1.060	200	0.04	0.074
20	0.30	0.970	250	0.053	0.061
26	0.28	0.696	300	0.053	0.049
30	0.25	0.596	325	0.03	0.048
40	0.21	0.425	350	0.03	0.042
50	0.19	0.318	500	0.025	0.0385

Packing & Delivery



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Facebook: <https://www.facebook.com/profile.php?id=61574213284231>

