

Perforated Metal Specification Sheet

Wodong Wire Mesh Products Co., Ltd | Anping County China | Producing since 2007

Perforated Metal Sheets are the filter media and the support layer inside filter elements, strainers and sieving devices. Sheets are punched on CNC punching machines and further hole specifications can be customized.

Product Specification

Item	Specification
Material	stainless steel / mild steel / aluminum / nickel / pre-galvanized / copper and brass or other materials as your request
Hole shape	round / square / slotted / rectangular / hexagonal / honeycomb / diamond or others as your request
Hole Pattern for round shape	stagger 60 degrees / stagger 45 degrees / straight line and others can be customized
Thickness	0.3mm - 5mm
Hole size range	0.4mm - 1 inch
Finishing	Powder coating, Anodising, Oiled

Specification for Part of the Round Hole

Hole size (diameter)	Hole center	Hole pattern	Open area
0.02"	0.043"	45° staggered	20%
0.023"	0.042"	Straight	22%
0.027"	0.05"	Straight	23%
1/32"	1/6"	45° staggered	23%
0.033"	0.055"	Straight	28%
0.045"	0.066"	Straight	36%
0.045"	5/64"	45° staggered	32%
0.05"	0.083"	Straight	29%
3/64"	3/32"	60° staggered	23%
1/16"	3/32"	60° staggered	41%
1/16"	7/64"	60° staggered	27%
1/16"	1/8"	60° staggered	23%
5/64"	1/8"	60° staggered	36%
3/32"	5/32"	60° staggered	33%
3/32"	3/16"	60° staggered	23%
0.117"	5/32"	60° staggered	51%
1/8"	3/16"	60° staggered	40%
1/8"	7/32"	60° staggered	30%
1/8"	1/4"	60° staggered	23%
9/64"	3/16"	60° staggered	51%
5/32"	3/16"	60° staggered	63%
5/32"	1/4"	60° staggered	34%
3/16"	7/32"	60° staggered	67%
3/16"	1/4"	60° staggered	50%
3/16"	5/16"	60° staggered	32%
3/16"	3/8"	60° staggered	23%
3/16"	1/2"	Straight	10%
1/4"	5/16"	60° staggered	58%
1/4"	3/8"	60° staggered	42%
1/4"	3/8"	Straight	34%

Hole size (diameter)	Hole center	Hole pattern	Open area
1/4"	1/2"	60° staggered	23%
1/4"	1/2"	Straight	20%
5/16"	7/16"	60° staggered	46%
3/8"	1/2"	60° staggered	52%
3/8"	9/16"	60° staggered	40%
1/2"	11/16"	60° staggered	49%
5/8"	7/8"	60° staggered	46%
3/4"	1"	60° staggered	51%
1"	1-3/8"	60° staggered	48%

How to Order

Send the size, the material and the filtration precision, or simply send a drawing or a sample. All specifications can be customized according to your drawings or samples.

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CAD files are provided on request through WhatsApp or email. All enquiries are replied within 24 hours.