

Perforated Metal

Configurations, Alloys and Applications

Perforated metal is used in a wide variety of applications and is available in many different alloys and patterns to meet your requirements. We stock the most common configurations and can source many others. When determining which will suit your application, consider the following;

Quantity

State the number of perforated pieces, blanks, full sheets, lineal feet, or coil required.

Thickness

Specify in gauge numbers or in decimal inches.

Material

We supply perforated metal sheets in plain, galvanized and stainless steel and also aluminum.

Width & Length

Unless otherwise specified, the length will be the long dimension of the sheet.

Size of Hole

Specify the size in inches.

Shape of Hole

Note the various types in illustration.

Spacing of Perforation

Spacing described in illustration is standard.

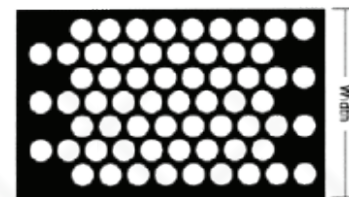
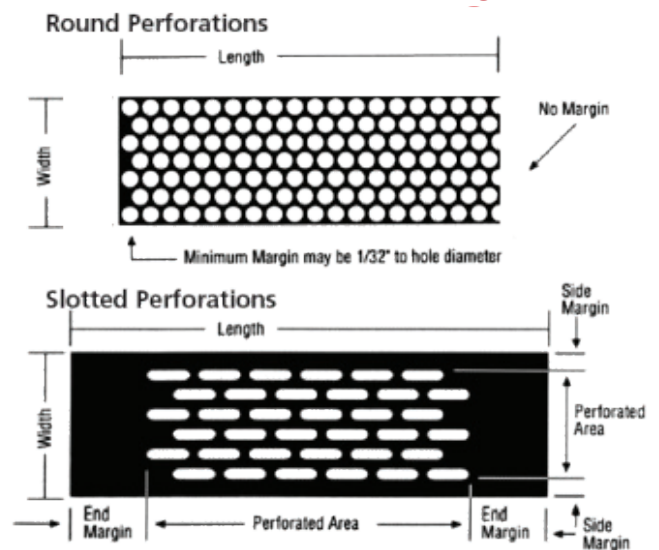
Pattern of Perforation

Specify “staggered” or “straight line.” Normally, the straight row of a staggered pattern will run the long dimension of the sheet.

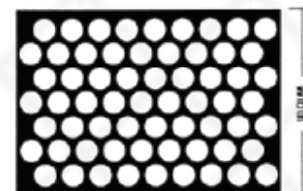
Slotted Perforation

Specify whether the long dimension of the slot is parallel to the long or short dimension of the sheet or plate.

Perforated Stock - Minimum Margins



Example of unfinished end pattern



Example of finished end pattern

Flatness

Mill standard, unless specified.

Margins

If margins are not important, specify “minimum” or “no margins.” If margins are desired, state the margin required for each of the four sides of the sheet.

Pattern Formations

STAGGERED PERFORATIONS

Both round and square — direction of the stagger will normally be the short dimension of the sheet, as illustrated below. Straight row of holes is normally parallel to long dimension of sheet.

SLOTTED PERFORATIONS

The long dimension of the slots can be furnished parallel with either the width or length of the sheet, in most cases.

UNFINISHED END PATTERN

Standard in the industry.

See *illustrations of Finished End Pattern and Unfinished End Pattern.*

We have in-house capabilities to cut to size, form, roll and seam weld cylindrical cores or other parts for your filtration systems. Contact us to discuss your requirements.

