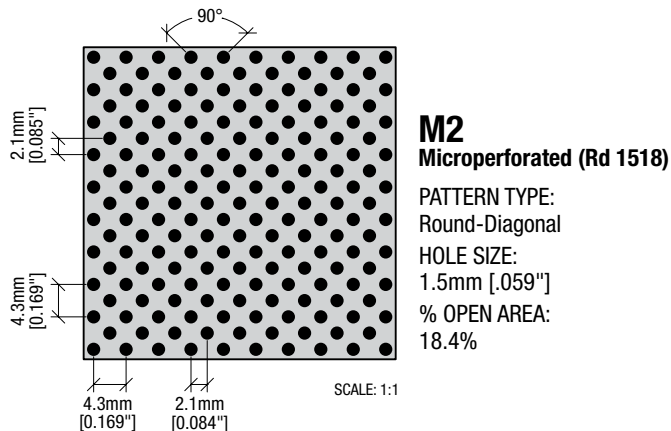


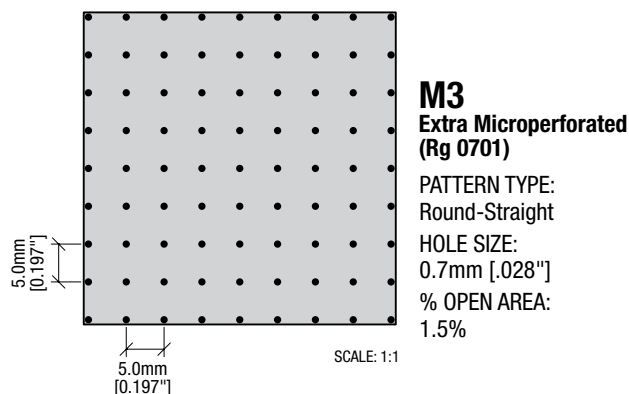
METALWORKS™

Ceilings Perforation Options

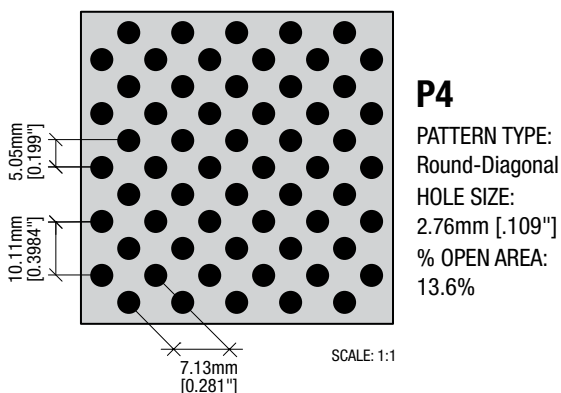
Standard Steel Perforation Options



Standard on: MetalWorks Tegular, MetalWorks Vector®, MetalWorks Linear™, MetalWorks Plank, MetalWorks Canopies, MetalWorks infills for Metaphors Coffers, MetalWorks Wings

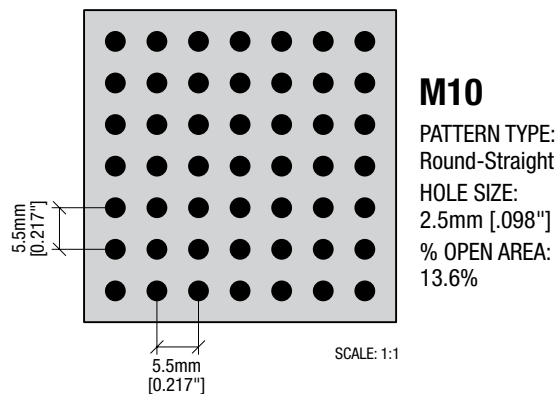


Standard on: MetalWorks Tegular, MetalWorks Vector, MetalWorks Tin, MetalWorks Canopies, MetalWorks Tin infills for Metaphors Coffers

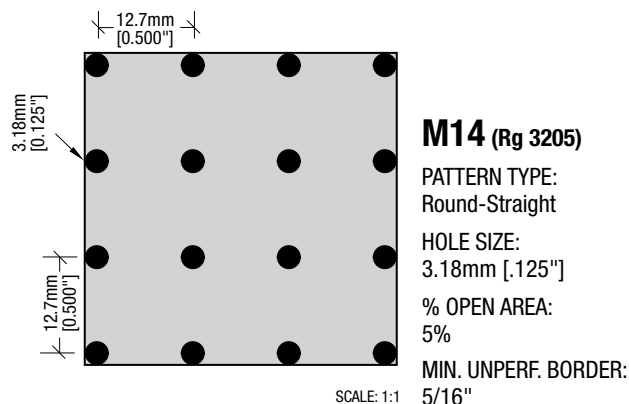


Standard on: MetalWorks SecureLock™

Standard Aluminum Perforation Options



Standard on: MetalWorks Capz™, MetalWorks Concealed



Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in

* Key for Perforation Names (Example – Rg 0701):

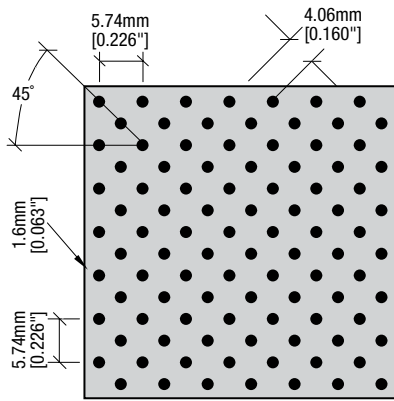
R	Hole shape (R = round / Q = square / L = oval/rectangle / T = trapezoid)
g	Pattern (g = straight / d = diagonal / v = staggered)
07	Diameter of hole size in mm (example 0.7 mm)
01	% open area

Visit armstrong.com/walls for information about custom metal walls perforations. For technical assistance with custom design options, contact Architectural Specialties at 1 877 ARMSTRONG, and select prompts 1-1-4.



Online tool that allows you to visually create MetalWorks™ and WoodWorks ceiling and wall swatches – color, perforation and pattern – watch as your swatch comes to life!
armstrong.com/swatchit

Standard Aluminum Perforation Options



M15* (Rd 1612)

PATTERN TYPE:
Round-Diagonal

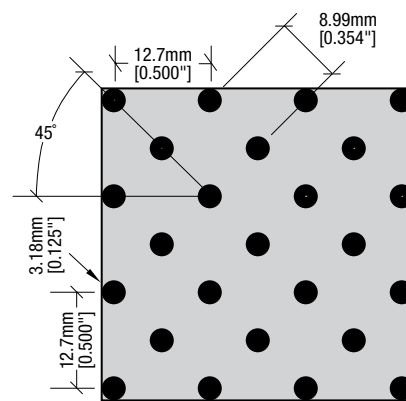
HOLE SIZE:
1.6mm [.063"]

% OPEN AREA:
12%

MIN. UNPERF. BORDER:
9/32"

SCALE: 1:1

Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in, MetalWorks Tegular for TechZone™, MetalWorks Blades, MetalWorks 3D



M18 (Rd 3210)

PATTERN TYPE:
Round-Diagonal

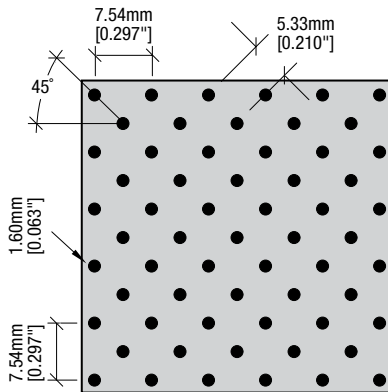
HOLE SIZE:
3.2mm [.125"]

% OPEN AREA:
10%

MIN. UNPERF. BORDER:
5/16"

SCALE: 1:1

Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in



M16 (Rd 1607)

PATTERN TYPE:
Round-Diagonal

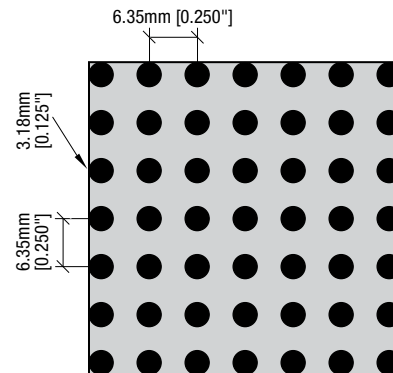
HOLE SIZE:
1.6mm [.063"]

% OPEN AREA:
7%

MIN. UNPERF. BORDER:
9/32"

SCALE: 1:1

Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in



M19 (Rg 3220)

PATTERN TYPE:
Round-Straight

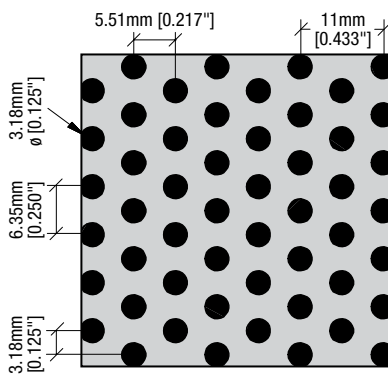
HOLE SIZE:
3.2mm [.125"]

% OPEN AREA:
20%

MIN. UNPERF. BORDER:
5/16"

SCALE: 1:1

Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in



M17 (Rv 3223)

PATTERN TYPE:
Round-Staggered

HOLE SIZE:
3.2mm [.125"]

% OPEN AREA:
23%

MIN. UNPERF. BORDER:
5/16"

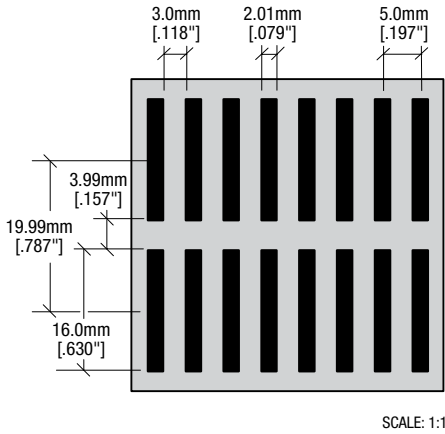
SCALE: 1:1

Standard on: MetalWorks Torsion Spring, MetalWorks Snap-in

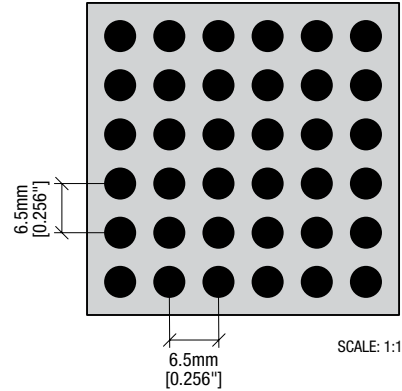
*M20 designation is this perforation with Ceiltex finish applied on top. Standard on MetalWorks Torsion Spring only.

Premium Steel Perforation Options

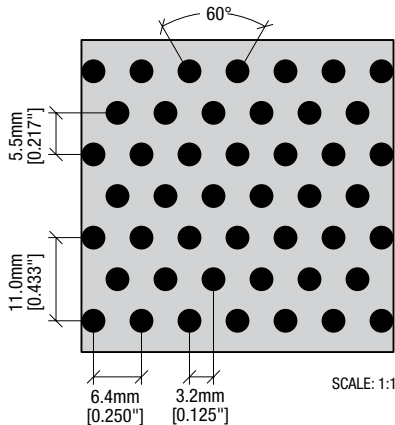
Premium perforations normally have longer lead times, minimum order quantities, and are priced between standard and custom choices. Available on 2' x 2' MetalWorks Tegular, Vector and Premium and Custom size panels.



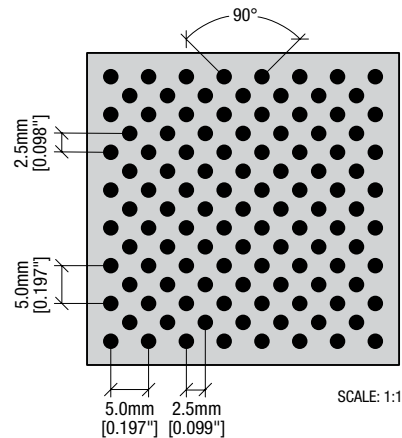
M5
(Lg 16032)
PATTERN TYPE:
Square-Straight Slotted
HOLE SIZE:
2.0mm [.079"]
% OPEN AREA:
32.0%



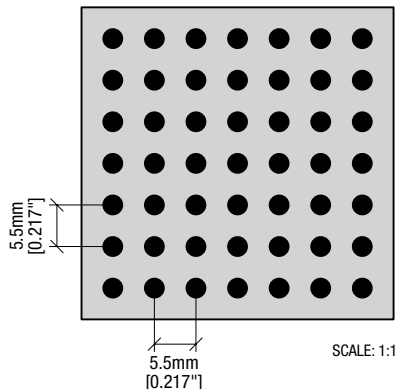
M11 (107)
PATTERN TYPE:
Round-Straight
HOLE SIZE:
4.1mm [.157"]
% OPEN AREA:
26.9%



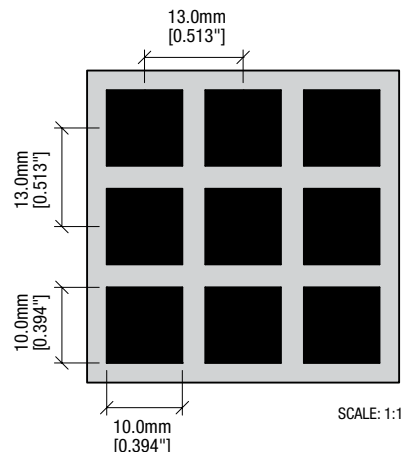
M9 (103)
PATTERN TYPE:
Round-Staggered
HOLE SIZE:
2.9mm [.114"]
% OPEN AREA:
24.4%



M12 (132)
PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
1.8mm [.071"]
% OPEN AREA:
20.8%

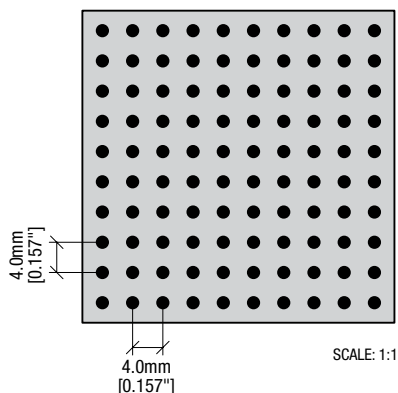


M10
PATTERN TYPE:
Round-Straight
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
13.6%



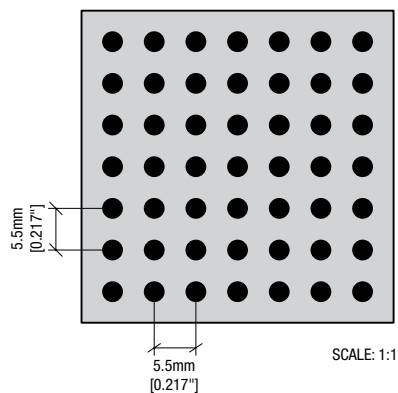
M13 (136)
PATTERN TYPE:
Square-Straight
HOLE SIZE:
10mm x 10mm [.394" x .394"]
% OPEN AREA:
59.2%

Round-Straight



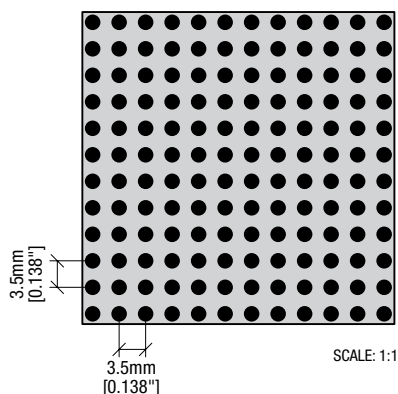
Rg 1511

PATTERN TYPE:
Round-Straight
HOLE SIZE:
1.5mm [.059"]
% OPEN AREA:
11.0%



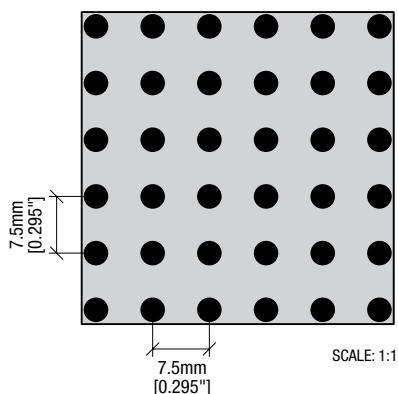
Rg 2516

PATTERN TYPE:
Round-Straight
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
16.0%



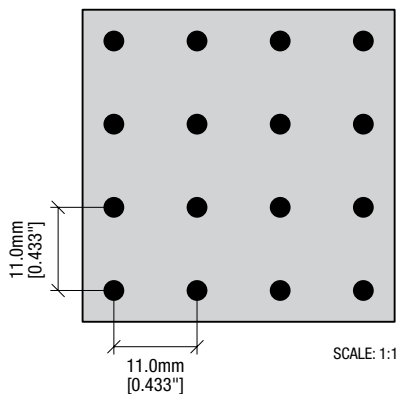
Rg 1821

PATTERN TYPE:
Round-Straight
HOLE SIZE:
1.8mm [.071"]
% OPEN AREA:
21.0%



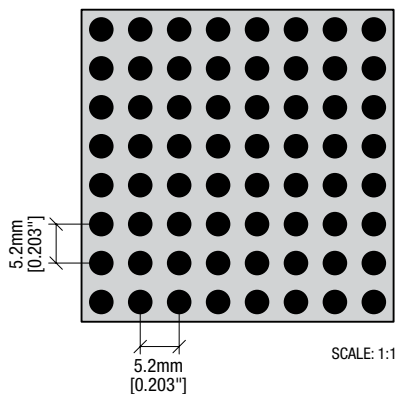
Rg 3013

PATTERN TYPE:
Round-Straight
HOLE SIZE:
3.0mm [.118"]
% OPEN AREA:
13.0%



Rg 2504

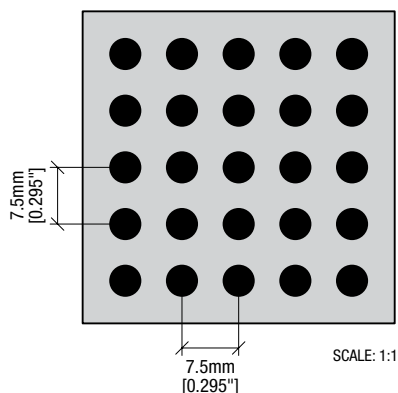
PATTERN TYPE:
Round-Straight
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
4.0%



Rg 3027

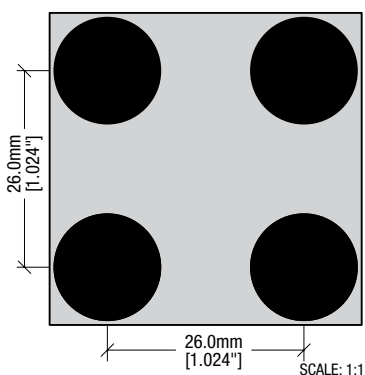
PATTERN TYPE:
Round-Straight
HOLE SIZE:
3.0mm [.118"]
% OPEN AREA:
27.0%

Custom Steel Perforation Options



Rg 4022

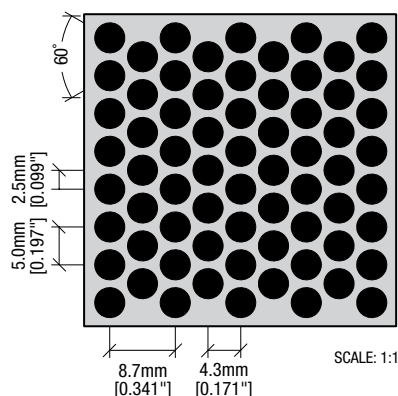
PATTERN TYPE:
Round-Straight
HOLE SIZE:
4.0mm [.157"]
% OPEN AREA:
22.0%



Rg 14023

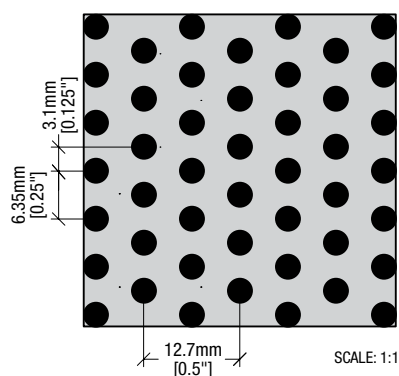
PATTERN TYPE:
Round-Straight
HOLE SIZE:
14.0mm [.551"]
% OPEN AREA:
23.0%

Round-Staggered



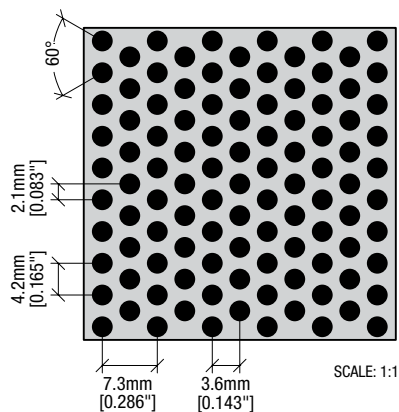
M4 (Rv 4058)

PATTERN TYPE:
Round-Staggered
HOLE SIZE:
4.0mm [.157"]
% OPEN AREA:
58%
MIN. UNPERF. BORDER:
5/16"



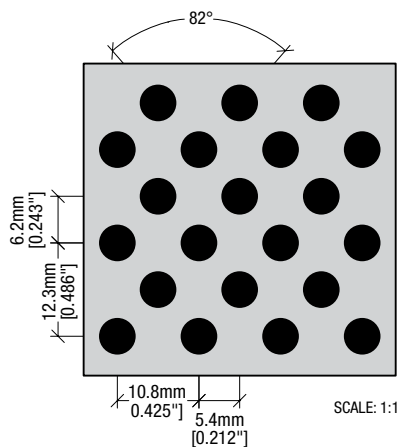
SecureLock Plus (P5)

PATTERN TYPE:
Round-Staggered
HOLE SIZE:
3.1mm [.125"]
% OPEN AREA:
22.7%



Rv 2523

PATTERN TYPE:
Round-Staggered
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
23.0%

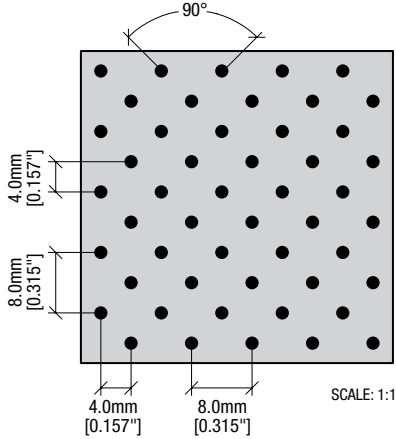


Rv 4625

PATTERN TYPE:
Round-Staggered
HOLE SIZE:
4.6mm [.181"]
% OPEN AREA:
25.0%

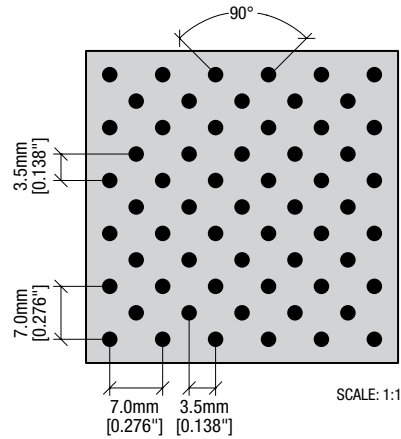
Custom Steel Perforation Options

Round-Diagonal



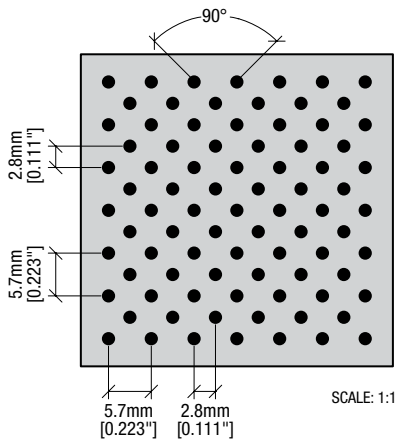
Rd 1506

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
1.5mm [.059"]
% OPEN AREA:
6.0%



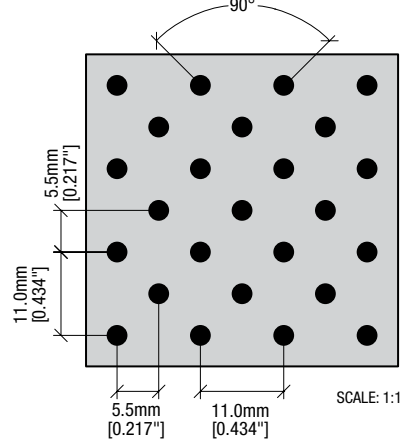
Rd 1810

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
1.8mm [.071"]
% OPEN AREA:
10.0%



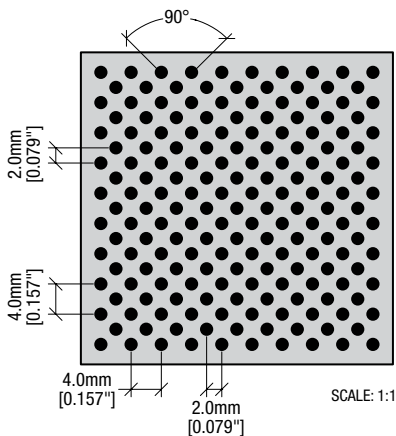
Rd 1511

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
1.5mm [.059"]
% OPEN AREA:
11.0%



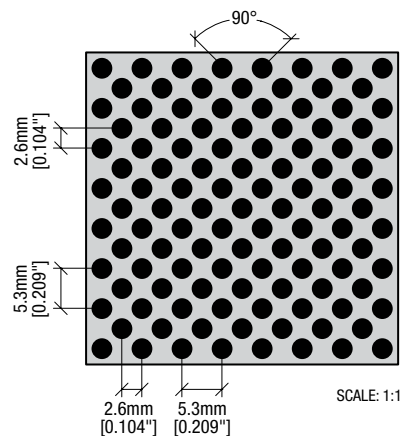
Rd 2508

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
8.0%



Rd 1522

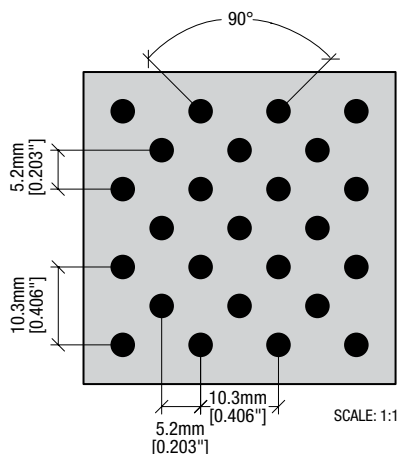
PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
1.5mm [.059"]
% OPEN AREA:
22.0%



Rd 2535

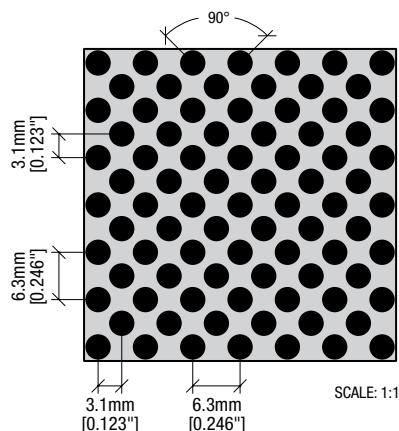
PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
2.5mm [.098"]
% OPEN AREA:
35.0%

Custom Steel Perforation Options



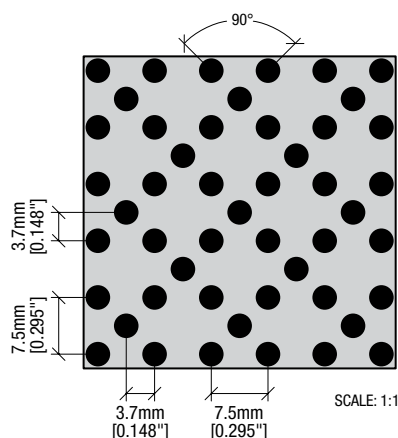
Rd 3013

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
3.0mm [.118"]
% OPEN AREA:
13.0%



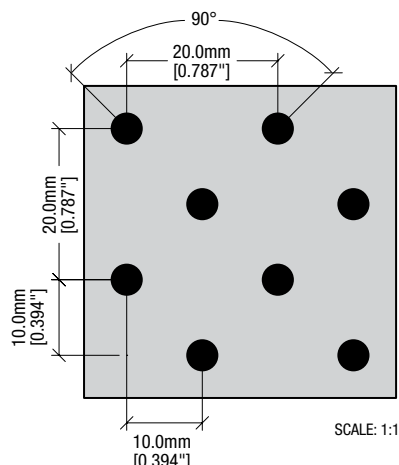
Rd 3139

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
3.1mm [.122"]
% OPEN AREA:
39.0%



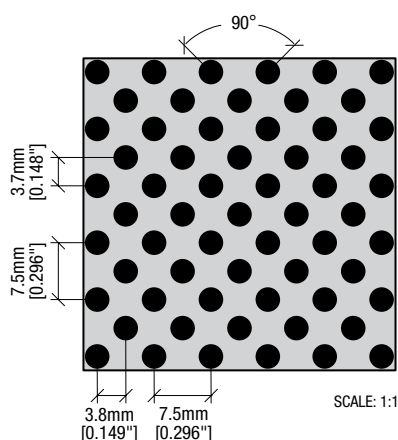
Rd 3019

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
3.0mm [.118"]
% OPEN AREA:
19.0%



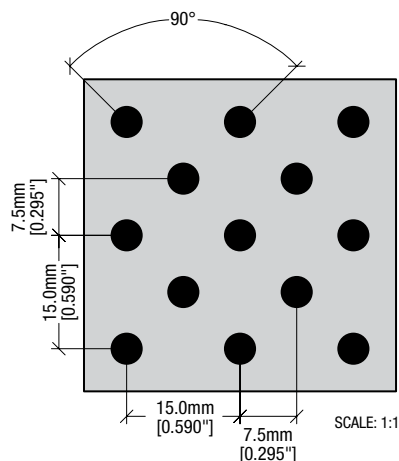
Rd 4006

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
4.0mm [.157"]
% OPEN AREA:
6.0%



Rd 3025

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
3.0mm [.118"]
% OPEN AREA:
25.0%

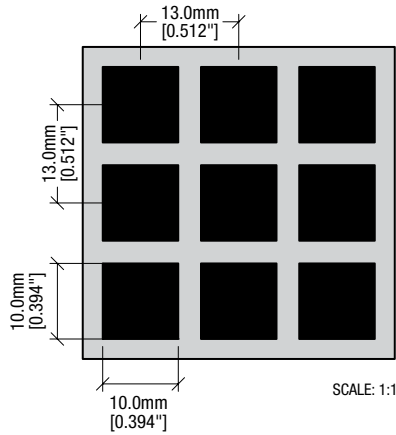


Rd 4011

PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
4.0mm [.157"]
% OPEN AREA:
11.0%

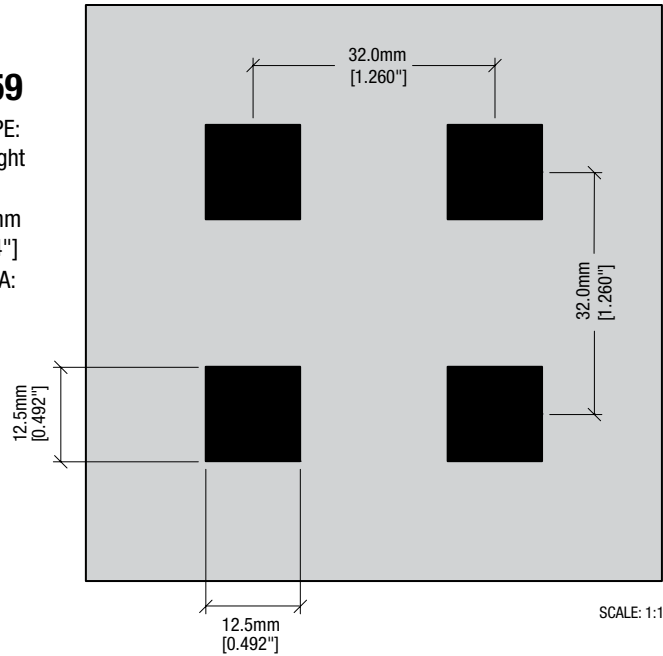
Custom Steel Perforation Options

Square-Straight



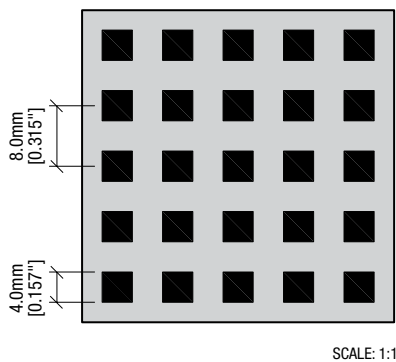
Qg 10059

PATTERN TYPE:
Square-Straight
HOLE SIZE:
10mm x 10mm
[.394" x .394"]
% OPEN AREA:
59.0%



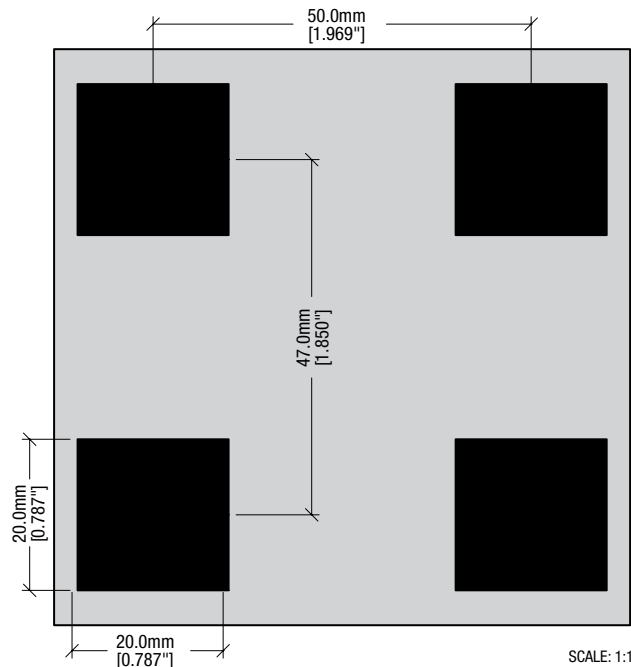
Qg 12515

PATTERN TYPE:
Square-Straight
HOLE SIZE:
12.5mm x 12.5mm
[.492" x .492"]
% OPEN AREA:
15.0%



M6 (Qg 4025)

PATTERN TYPE:
Square-Straight
HOLE SIZE:
4.0mm x 4.0mm
[.157" x .157"]
% OPEN AREA:
25.0%

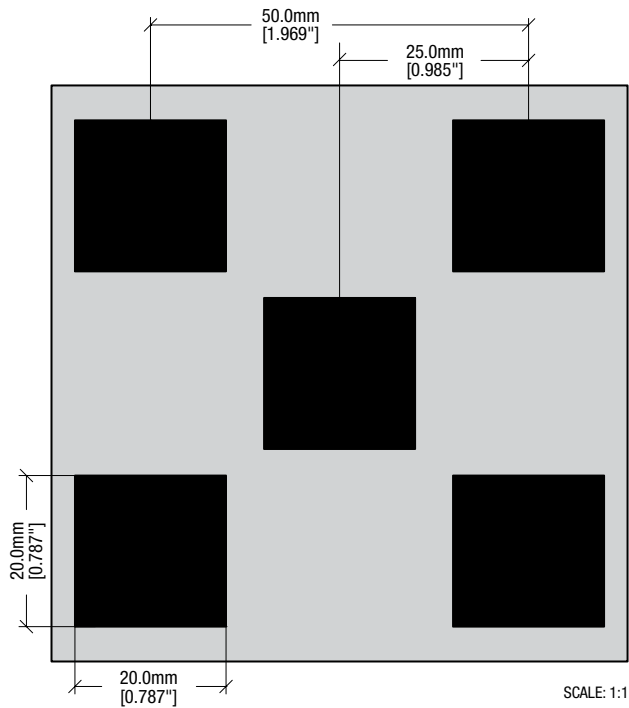


Qg 20018

PATTERN TYPE:
Square-Straight
HOLE SIZE:
20mm x 20mm
[.787" x .787"]
% OPEN AREA:
18.0%

Custom Steel Perforation Options

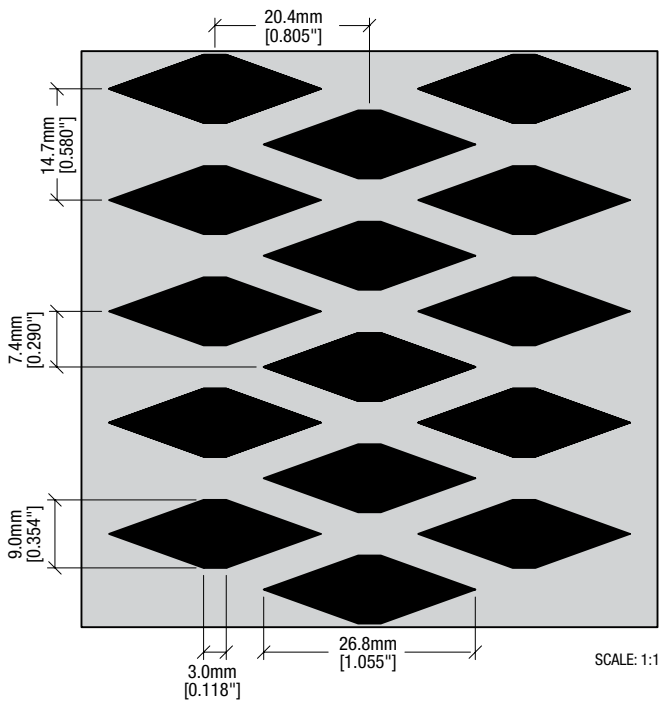
Square-Diagonal



Qd 20034

PATTERN TYPE:
Square-Diagonal
HOLE SIZE:
20mm x 20mm
[.787" x .787"]
% OPEN AREA:
34.0%

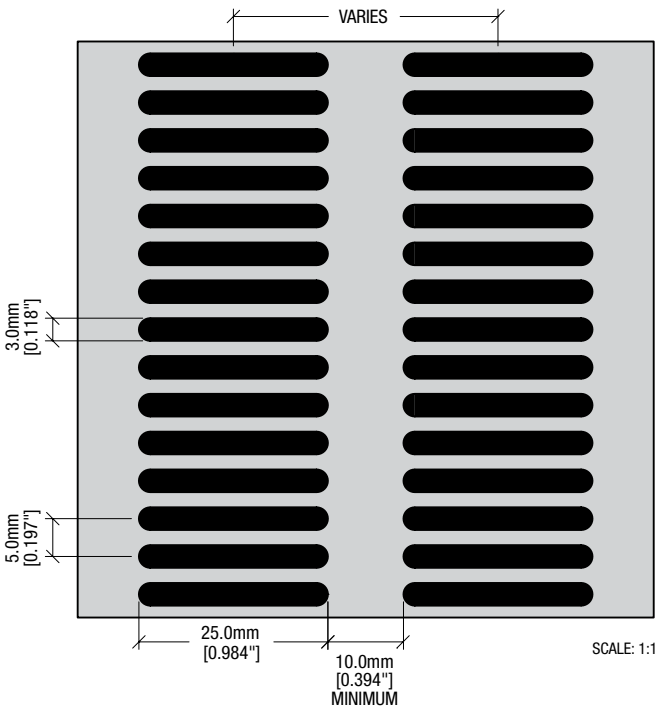
Trapezoid-Staggered



Tv 26845

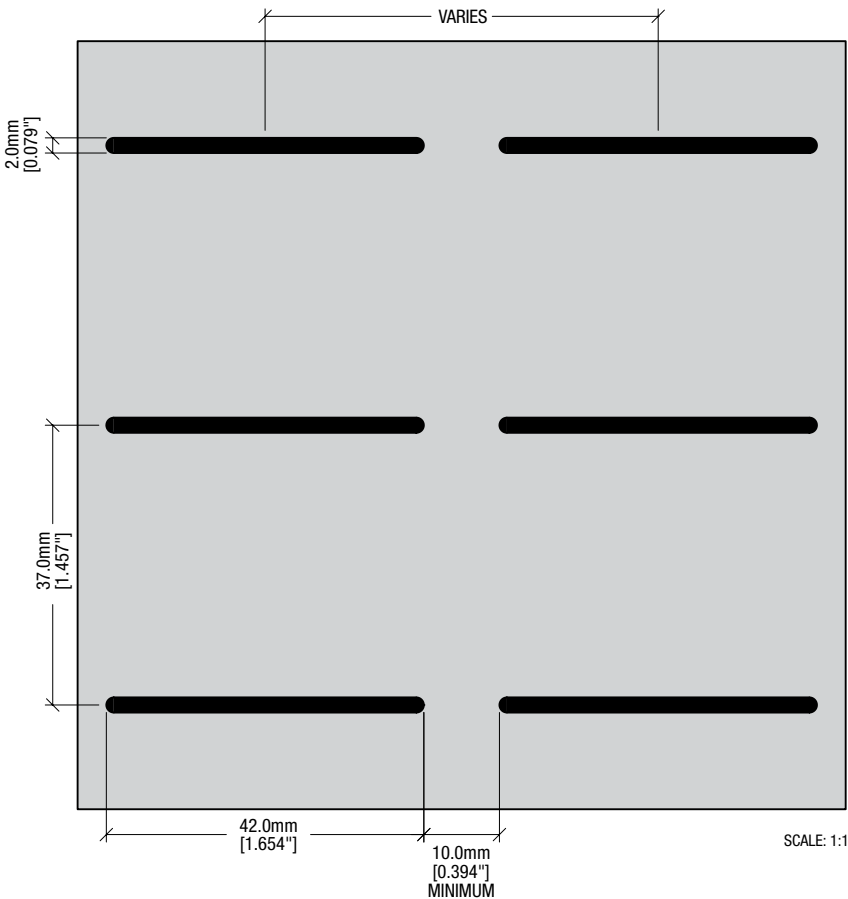
PATTERN TYPE:
Trapezoid-Staggered
HOLE SIZE:
26.8mm x 9.0mm
[1.102" x .354"]
% OPEN AREA:
45.0%

Oval-Straight



Lg 25042

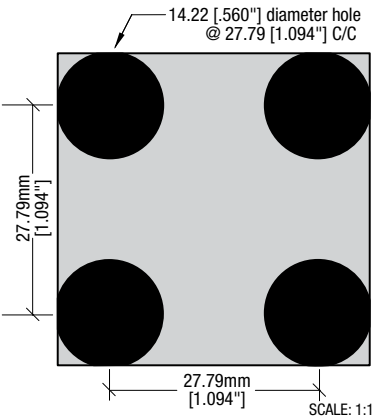
PATTERN TYPE:
Oval-Straight
HOLE SIZE:
25mm x 3mm
[.984" x .118"]
% OPEN AREA:
42.0% or Varies



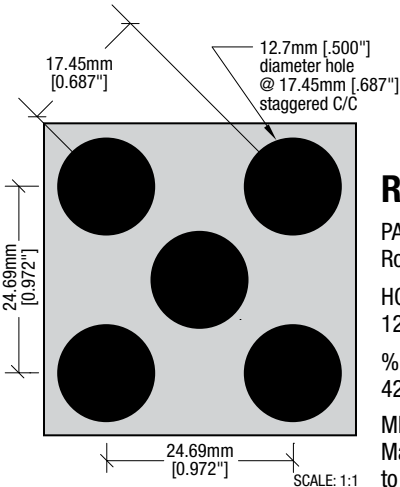
Lg 42003

PATTERN TYPE:
Oval-Straight
HOLE SIZE:
42mm x 2mm
[4.724" x .079"]
% OPEN AREA:
3.0% or Varies

Custom Aluminum Perforation Options



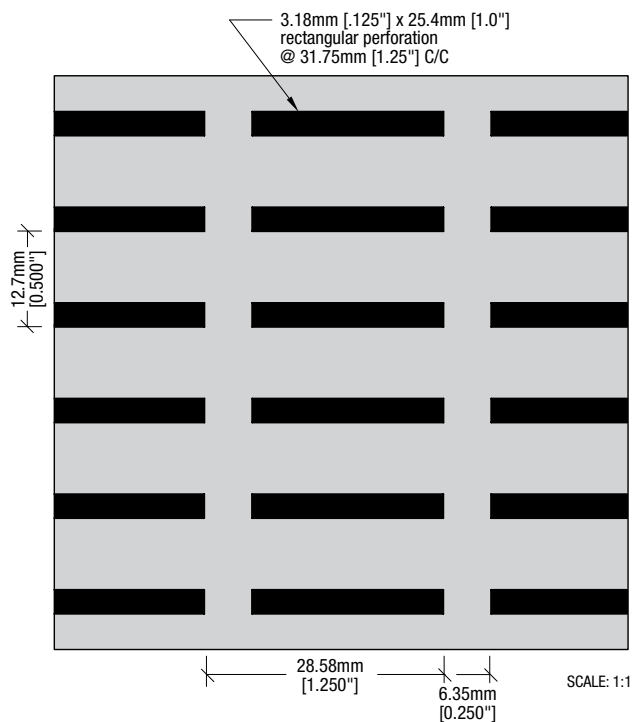
Rg 1421
PATTERN TYPE:
Round-Straight
HOLE SIZE:
14.224mm [.56"]
% OPEN AREA:
21%
MIN. UNPERF. BORDER:
May vary according
to panel size.



Rd 1242
PATTERN TYPE:
Round-Diagonal
HOLE SIZE:
12.7mm [.50"]
% OPEN AREA:
42%
MIN. UNPERF. BORDER:
May vary according
to panel size.

*For more information, contact Architectural Specialties at 1 877 ARMSTRONG, and select options 1-1-4.

Custom Aluminum Perforation Options



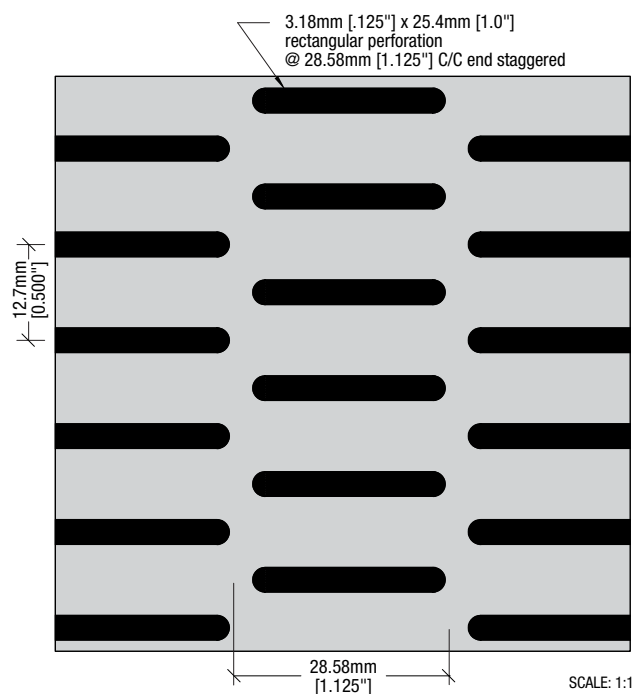
Lg 25420

PATTERN TYPE:
Rectangle-Straight

HOLE SIZE:
3.175mm x 25.4mm
[.125" x 1"]

% OPEN AREA:
20%

MIN. UNPERF. BORDER:
May vary according
to panel size.



Lv 25422

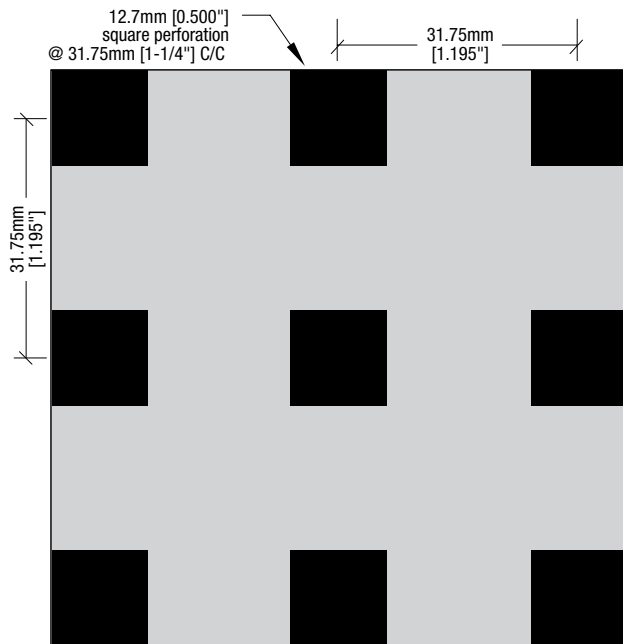
PATTERN TYPE:
Oval-Staggered

HOLE SIZE:
3.175mm x 25.4mm
[.125" x 1"]

% OPEN AREA:
22%

MIN. UNPERF. BORDER:
May vary according
to panel size.

Custom Aluminum Perforation Options



Qg 1216

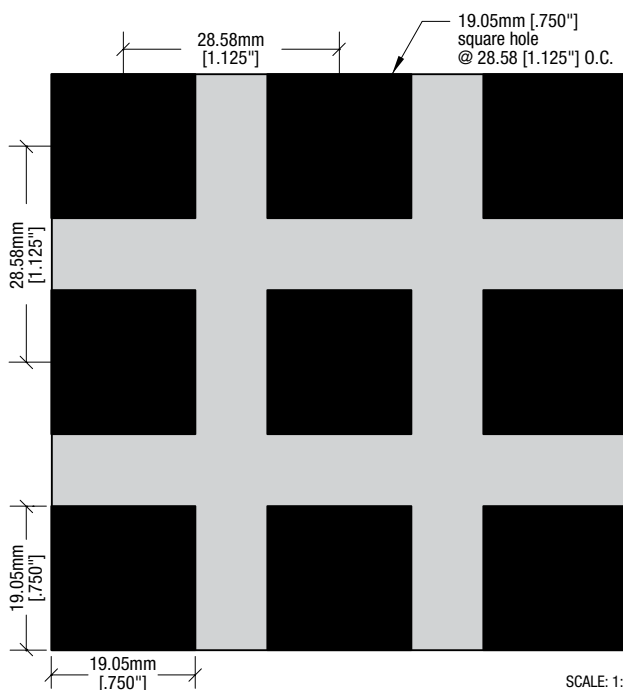
PATTERN TYPE:
Square-Straight

HOLE SIZE:
12.7mm [.50"]

% OPEN AREA:
16%

MIN. UNPERF. BORDER:
May vary according
to panel size.

SCALE: 1:1



Qg 1945

PATTERN TYPE:
Square-Straight

HOLE SIZE:
19.04mm [.75"]

% OPEN AREA:
45%

MIN. UNPERF. BORDER:
May vary according
to panel size.

SCALE: 1:1