

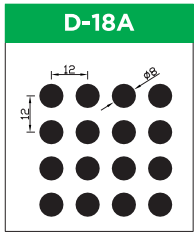


USG BORAL METAL CEILINGS PERFORATION GUIDE

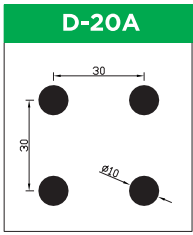


Standard Perforation Pattern

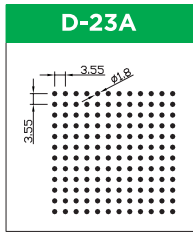
<p>Hole Size Dia. 0.8mm Pitch 5.0mm Open Area 2.0%</p>	<p>Hole Size Dia. 0.8mm Pitch 3.5mm Open Area 4.0%</p>	<p>Hole Size Dia. 0.8mm Pitch 10mm Open Area 0.5%</p>	<p>Hole Size Dia. 0.8mm Pitch 7.0mm Open Area 1.0%</p>	<p>Hole Size Dia. 1.5mm Pitch 4.0mm Open Area 11.0%</p>	<p>Hole Size Dia. 1.8mm Pitch 5.0mm Open Area 10.0%</p>
<p>Hole Size Dia. 2.2mm Pitch 5.0mm Open Area 15.0%</p>	<p>Hole Size Dia. 2.5mm Pitch 5.5mm Open Area 16.0%</p>	<p>Hole Size Dia. 3.5mm Pitch 7.0mm Open Area 20.0%</p>	<p>Hole Size Dia. 3.5mm Pitch 9.0mm Open Area 12.0%</p>	<p>Hole Size Dia. 6.0mm Pitch 12.0mm Open Area 20.0%</p>	<p>Hole Size Dia. 19.0mm Pitch 25.5mm Open Area 44.0%</p>
<p>Hole Size Dia. 30.0mm Pitch 47.0mm Open Area 32.0%</p>	<p>Hole Size Dia. 3.5mm Pitch 8.2mm Open Area 14.0%</p>	<p>Hole Size Dia. 6.0mm Pitch 10.63mm Open Area 25.0%</p>	<p>Hole Size Dia. 3.0mm Pitch 10.0mm Open Area 7.0%</p>	<p>Hole Size Dia. 4.0mm Pitch 8.0mm Open Area 20.0%</p>	<p>Hole Size Dia. 5.0mm Pitch 10.0mm Open Area 20.0%</p>



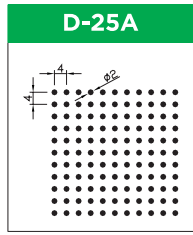
D-18A
Hole Size
 Dia. 8.0mm
Pitch
 12.0mm
Open Area
 35.0%



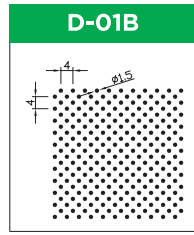
D-20A
Hole Size
 Dia. 10.0mm
Pitch
 30.0mm
Open Area
 9.0%



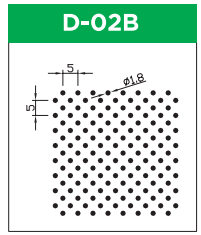
D-23A
Hole Size
 Dia. 1.8mm
Pitch
 3.55mm
Open Area
 20.0%



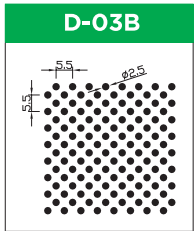
D-25A
Hole Size
 Dia. 2.0mm
Pitch
 4.0mm
Open Area
 20.0%



D-01B
Hole Size
 Dia. 1.5mm
Pitch
 4.0mm
Open Area
 22.0%

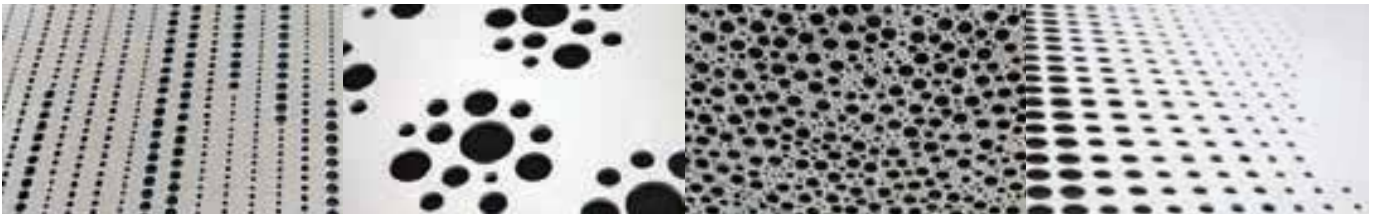


D-02B
Hole Size
 Dia. 1.8mm
Pitch
 5.0mm
Open Area
 20.0%

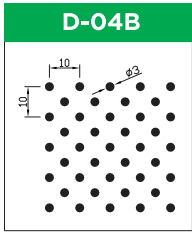


D-03B
Hole Size
 Dia. 2.5mm
Pitch
 5.5mm
Open Area
 32.0%

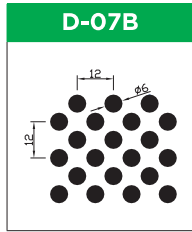
Project Specific Pattern



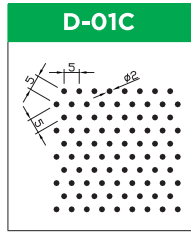
Standard Perforation Pattern



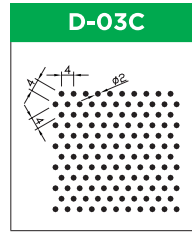
D-04B
Hole Size
 Dia. 3.0mm
Pitch
 10.0mm
Open Area
 14.0%



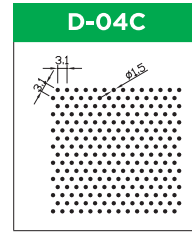
D-07B
Hole Size
 Dia. 6.0mm
Pitch
 12.0mm
Open Area
 39.0%



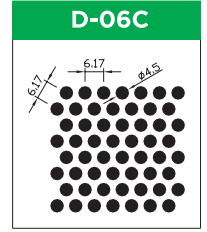
D-01C
Hole Size
 Dia. 2.0mm
Pitch
 5.0mm
Open Area
 15.0%



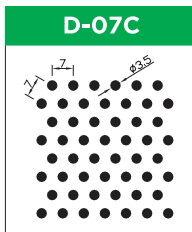
D-03C
Hole Size
 Dia. 2.0mm
Pitch
 4.0mm
Open Area
 23.0%



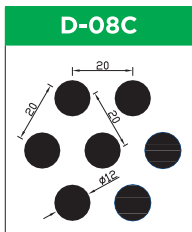
D-04C
Hole Size
 Dia. 1.5mm
Pitch
 3.1mm
Open Area
 21.0%



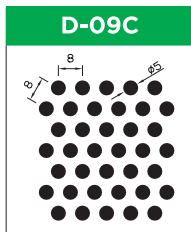
D-06C
Hole Size
 Dia. 4.5mm
Pitch
 6.17mm
Open Area
 48.0%



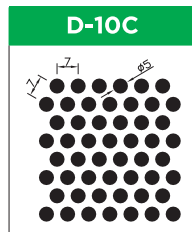
D-07C
Hole Size
 Dia. 3.5mm
Pitch
 7.0mm
Open Area
 23.0%



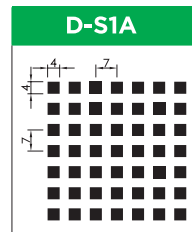
D-08C
Hole Size
 Dia. 12.0mm
Pitch
 20.0mm
Open Area
 33.0%



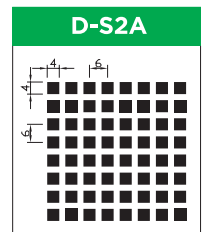
D-09C
Hole Size
 Dia. 5.0mm
Pitch
 8.0mm
Open Area
 35.0%



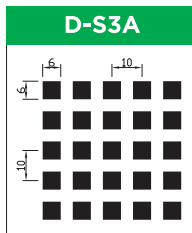
D-10C
Hole Size
 Dia. 5.0mm
Pitch
 7.0mm
Open Area
 46.0%



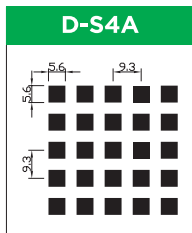
D-S1A
Hole Size
 Q.S.
Pitch
 4.0mm x 4.0mm
Open Area
 33.0%



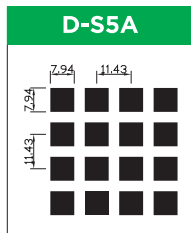
D-S2A
Hole Size
 Q.S.
Pitch
 4.0mm x 4.0mm
Open Area
 44.0%



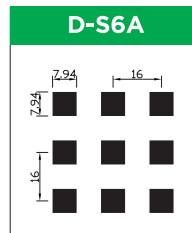
D-S3A
Hole Size
 Q.S.
Pitch
 6.0mm x 6.0mm
Open Area
 36.0%



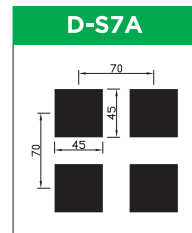
D-S4A
Hole Size
 Q.S.
Pitch
 5.6mm x 5.6mm
Open Area
 36.0%



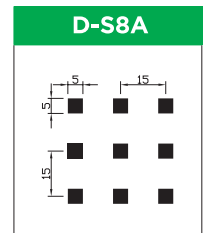
D-S5A
Hole Size
 Q.S.
Pitch
 7.94mm x 7.94mm
Open Area
 48.0%



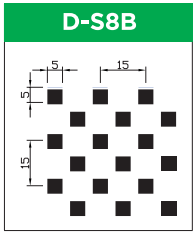
D-S6A
Hole Size
 Q.S.
Pitch
 7.94mm x 7.94mm
Open Area
 25.0%



D-S7A
Hole Size
 Q.S.
Pitch
 70.0mm x 70.0mm
Open Area
 41.0%



D-S8A
Hole Size
 Q.S.
Pitch
 15.0mm x 15.0mm
Open Area
 22.0%

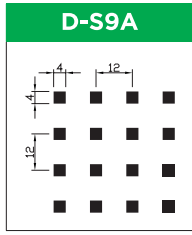


D-S8B

Hole Size
Q.S.
5.0mm x 5.0mm

Pitch
15.0mm

Open Area
22.0%

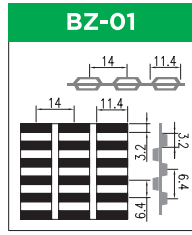


D-S9A

Hole Size
Q.S.
4.0mm x 4.0mm

Pitch
12.0mm

Open Area
11.0%

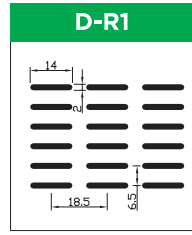


BZ-01

Hole Size
Oblong
3.2mm x 11.4mm

Pitch
6.4mm x 14.0mm

Open Area
40.71%

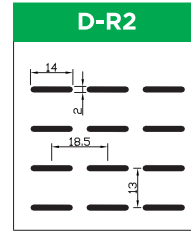


D-R1

Hole Size
Oblong
2.0mm x 14.0mm

Pitch
6.5mm x 18.5mm

Open Area
23.0%

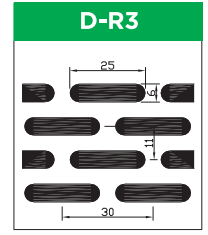


D-R2

Hole Size
Oblong
2.0mm x 14.0mm

Pitch
13.0mm x 18.5mm

Open Area
11.0%

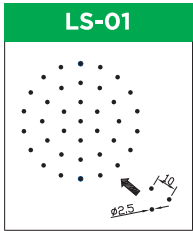


D-R3

Hole Size
Oblong
6.0mm x 25.0mm

Pitch
11.0mm x 30.0mm

Open Area
45.0%



LS-01

Hole Size
Dia. 2.5mm

Pitch
10.0mm

Open Area
5.0%

Project Specific Pattern



Australia
China
India
Indonesia
Malaysia
Middle East
New Zealand
Philippines
Singapore
South Korea
Thailand
Vietnam

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