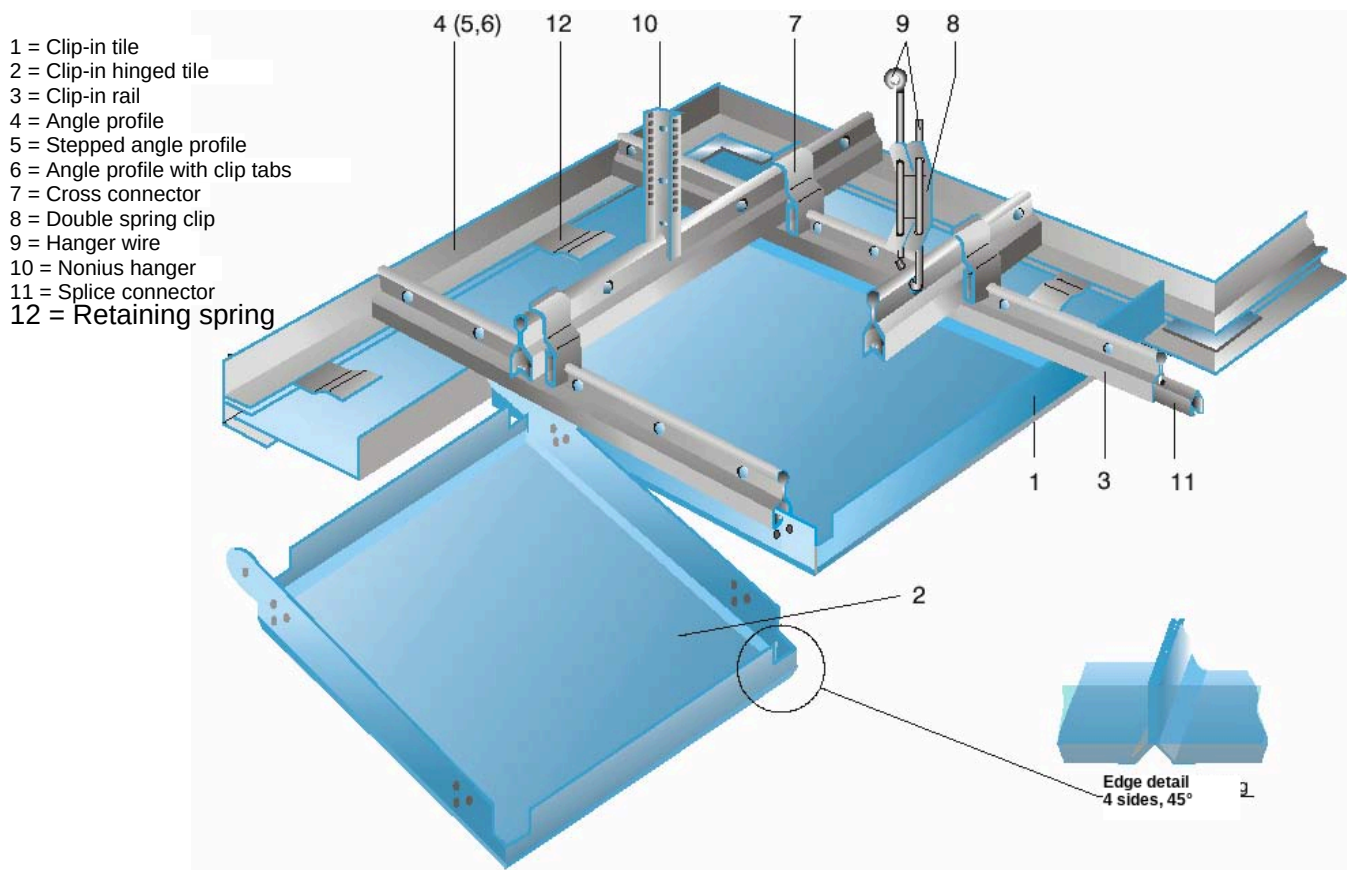




Metal ceiling tiles

METAL CEILING TILES
CLIP-IN SYSTEM - DOUBLE GRID
HINGED SYSTEM - DOUBLE GRID

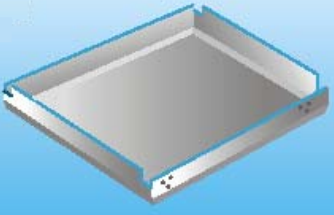
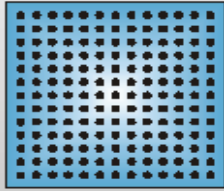
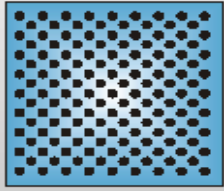
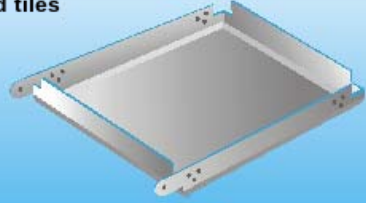
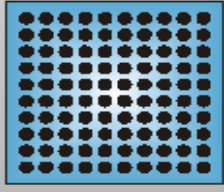
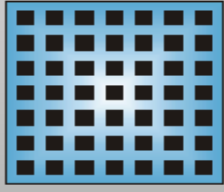
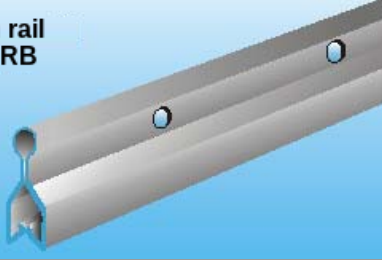
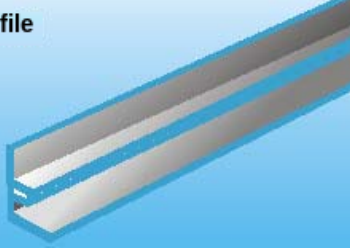
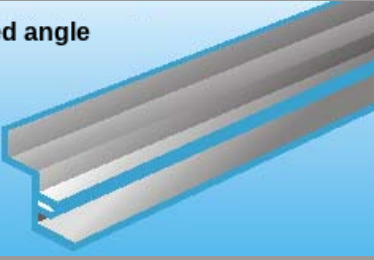
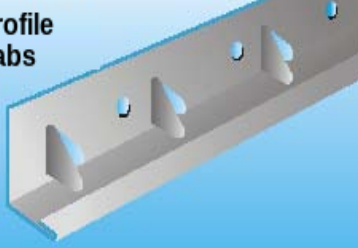
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architectural products



METAL CEILING TILES

System:	Clip-in system	Clip-in hinged system
Material:	galvanised steel sheet 0,6 mm (Aluminium 0,7 mm)	
Size / module:	600 x 600 mm, 625 x 625 mm	
Edge detail:	5 mm chamfer at 45°, on all 4 sides	
Perforation:	MaxCon standard perforations LB 251, LB 252, LB 301 (see appendix for other perforations)	
Coating:	Powder coating, pure white similar to RAL 9010, matt (other RAL colours on request)	
Sound absorption:	Factory-bonded black acoustic fleece (standard; white on request)	
Integration options:	Luminaire cut-outs and speaker perforations on request	

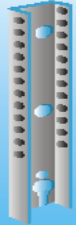
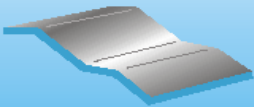
METAL CEILING TILES
CLIP-IN SYSTEM - DOUBLE GRID
HINGED SYSTEM - DOUBLE GRID

	Item no.	Description	kg / pack	Pack	Qty /m ²	
					R600	R625
1 Tiles clip-in 	01 600 ... 01 625 ...	Perforations (details): LB 252  LB 301 				
2 Hinged tiles 	02 600 ... 02 625 ...	LB 452  LB Q 602 				
3 Clip-in rail System RB 	91 000 644	galv. steel sheet 0,6 mm Length: 4000 mm	18,00 kg	10 pcs	2,4 m	2,2 m
4 Angle profile 	40 001 90 ...	Aluminium 1,5 mm L / 25 x 25 mm with groove for retaining spring Length: 4000 mm	8,40 kg	10 pcs	as required	
5 Stepped angle 	40 002 90 ...	Aluminium 1,5 mm W / 25 x 20 x 20 x 25 mm with groove for retaining spring Length: 4000 mm	13,60 kg	10 pcs	as required	
6 Angle profile with clip tabs 	40 003 80 ...	galv. steel sheet 0,7 mm L / 36 x 22,5 mm hemmed cut edge with formed clip tabs Length: 3000 mm	6,30 kg	10 pcs	as required	

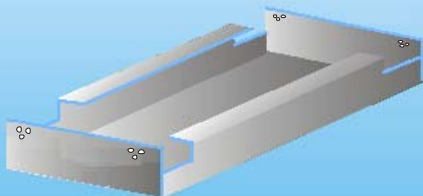
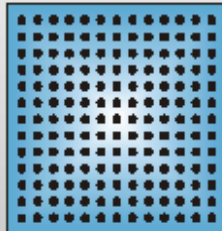
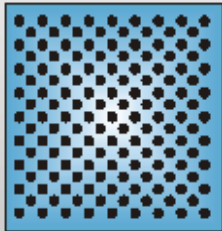
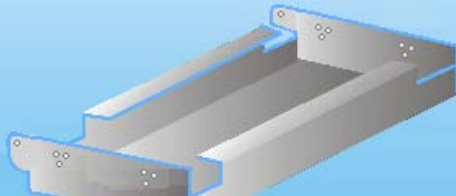
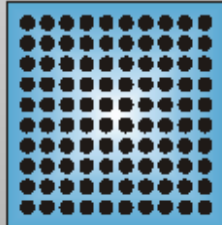
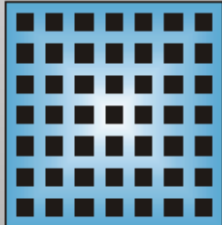
1.2

					Qty /m ²
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METAL CEILING TILES
CLIP-IN SYSTEM - DOUBLE GRID
HINGED SYSTEM - DOUBLE GRID

	Item no.	Description	kg / pack	Pack	Qty /m ²	
					R600	R625
7 Cross connector for clip-in rail 	70 001 1000	galv. steel sheet 0,6 mm 28 x 54 mm	1,40 kg	100 pcs	1,2 pcs	1,1 pcs
8 Double spring with hook wire 	70 003 8000	galv. steel sheet 0,8 mm with hook wire, 125 mm long	3,00 kg	100 pcs	1 pcs	
9 Hanger wire 	70 006 8000	galv. steel sheet Length: on request	0,00 kg	100 pcs	1 pcs	
10 Nonius hanger for clip-in rail 	70 005 8000	galv. steel sheet 1,0 mm Length: 135 mm	3,00 kg	100 pcs	1 pcs	
11 Splice connector for clip-in rail 	70 002 1000	galv. steel sheet 0,6 mm Length: 100 mm	2,00 kg	100 pcs	0,4 pcs	
12 Retaining spring 	70 005 8000	Aluminium 0,5 mm 38 x 40 mm	0,22 kg	100 pcs	as required	

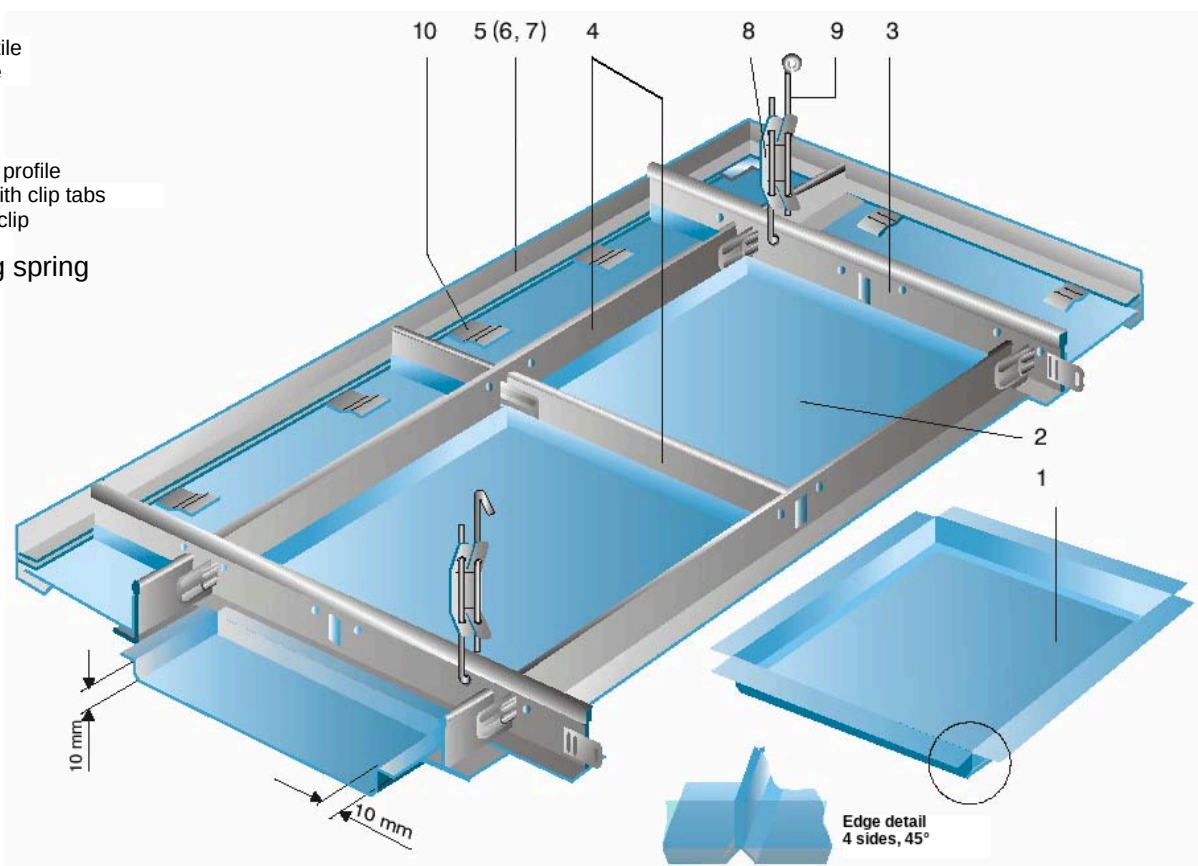
METAL CEILING TILES
CLIP-IN SYSTEM - DOUBLE GRID
HINGED SYSTEM - DOUBLE GRID

	Item no.	Description	kg / pack	Pack	Qty /m²
Long-span panels - CLIP-IN SYSTEM  End edges: L / H = 30 mm with clip lugs Long edges: C / H = approx. 45 mm, C = 13 mm	90 100 ...	Perforations (details):			
		LB 252 	LB 301 		
Long-span panels - CLIP-IN HINGED SYSTEM  End edges: L / H = 30 mm with clip lugs and hinge tabs Long edges: C / H = approx. 45 mm, C = 13 mm	90 101 ...	LB 452 	LB Q 602 		
		Suspension system: see clip-in and clip-in hinged metal ceiling tiles 1.2 + 1.3			

METAL CEILING TILES
TEGULAR LAY-IN SYSTEM
FLUSH LAY-IN SYSTEM

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 architectural products

- 1 = Tegular lay-in tile
- 2 = Flush lay-in tile
- 3 = Main runner
- 4 = Cross tee
- 5 = Angle profile
- 6 = Stepped angle profile
- 7 = Angle profile with clip tabs
- 8 = Double spring clip
- 9 = Hanger wire
- 10 = Retaining spring

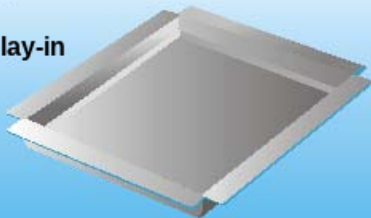
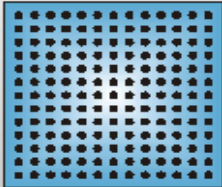
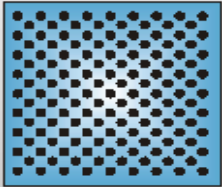
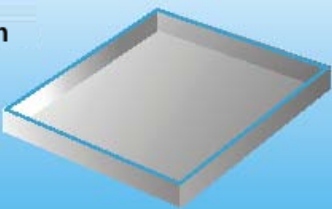
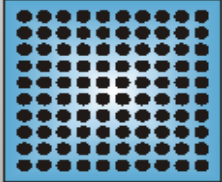
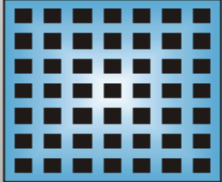
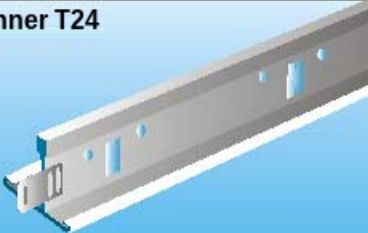
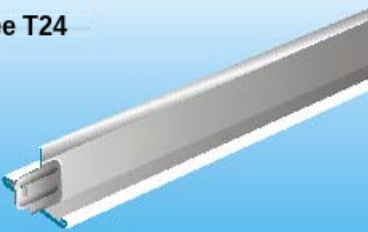
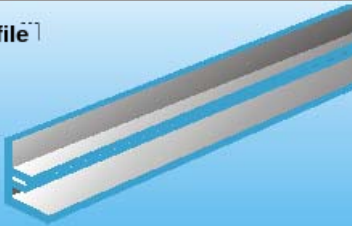
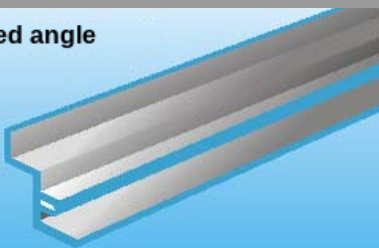


METAL CEILING TILES

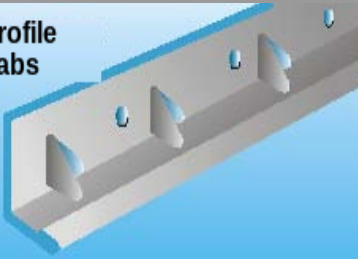
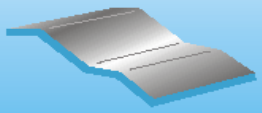
System:	Tegular lay-in system		Flush lay-in system	
Material:	galvanised steel sheet 0,6 mm (Aluminium 0,7 mm)			
Size / module:	600 x 600 mm Module 625 mm T 24 profile	575 x 575 mm Module 600 mm T 24 profile	592 x 592 mm Module 600 mm T 24 profile	617 x 617 mm Module 625 mm T 24 profile
Standard folds:	Z-shaped on all 4 sides		L-shaped on all 4 sides	
Edge detail:	45° chamfer, on all 4 sides	square-edged	square-edged	
Joint detail:	25 mm wide, 10 mm deep		no joints	
Perforation:	MaxCon standard perforations LB 251, LB 252, LB 301 <i>(see appendix for other perforations)</i>			
Coating:	Powder coating, pure white similar to RAL 9010, matt <i>(other RAL colours on request)</i>			
Sound absorption:	Factory-bonded black acoustic fleece (standard; white on request)			
Integration options:	Luminaire cut-outs and speaker perforations on request			

METAL CEILING TILES
TEGULAR LAY-IN SYSTEM
FLUSH LAY-IN SYSTEM

MAXCON
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	Item no.	Description	kg / pack	Pack	Qty /m ²	
					R600	R625
1 Tiles Tegular lay-in 	05 600 ... 05 625 ...	LB 252 		LB 301 		
2 Tiles Flush lay-in 	04 600 ... 04 625 ...	LB 452 		LB Q 602 		
3 Main runner T24 	91 000 652	galv. steel sheet 0,4 mm Length: 3750 mm	34,67 kg	25 pcs	-	-
4 Cross tee T24 	91 000 653	galv. steel sheet 0,4 mm 24 x 32 mm, Length: 1250 mm 24 x 28 mm, Length: 625 mm	29,06 kg 14,53 kg	75 pcs 75 pcs	as required	
5 Angle profile 	40 001 90 ...	Aluminium 1,5 mm L / 25 x 25 mm with groove for retaining spring Length: 4000 mm	8,40 kg	10 pcs	as required	
6 Stepped angle 	40 002 90 ...	Aluminium 1,5 mm W / 25 x 20 x 20 x 25 mm with groove for retaining spring Length: 4000 mm	13,60 kg	10 pcs	as required	

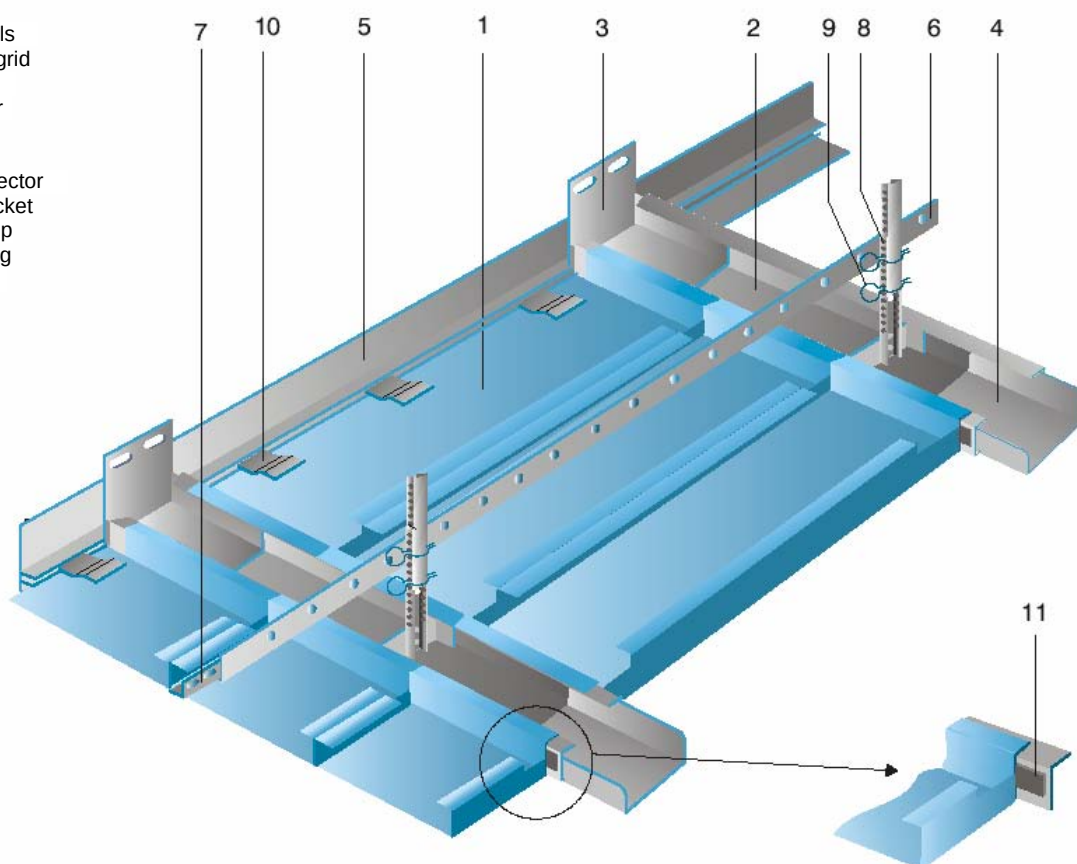
METAL CEILING TILES
REGULAR LAY-IN SYSTEM
FLUSH LAY-IN SYSTEM

	Item no.	Description	kg / pack	Pack	Qty /m ²	
					R600	R625
7 Angle profile with clip tabs 	40 003 80 ...	galv. steel sheet 0,7 mm L / 36 x 22,5 mm hemmed cut edge with formed clip tabs Length: 3000 mm	6,30 kg	10 pcs	as required	
8 Double spring with hook wire 	70 003 8000	galv. steel sheet 0,8 mm with hook wire, 125 mm long	3,00 kg	100 pcs	1,0	
9 Hanger wire 	70 006 8000	galv. steel sheet Length: on request	0,00 kg	100 pcs	1,0	
10 Retaining spring 	70 005 8000	Aluminium 0,5 mm 38 x 40 mm	0,22 kg	100 pcs	as required	

LONG-SPAN PANELS C-SECTION BAND GRID FLUSH LAY-IN SYSTEM

MAXCON
architectural products

- 1 = Long-span panels
- 2 = C-section band grid
- 3 = Wall connection
- 4 = Splice connector
- 5 = Angle profile
- 6 = Grid angle
- 7 = Grid angle connector
- 8 = Suspension bracket
- 9 = Nonius safety clip
- 10 = Retaining spring
- 11 = Sealing tape

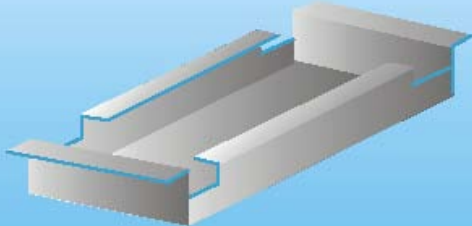
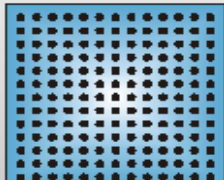
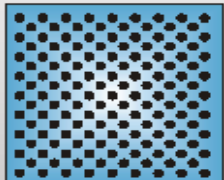
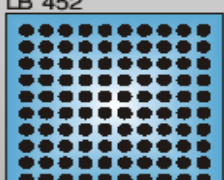
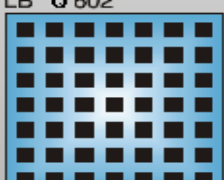
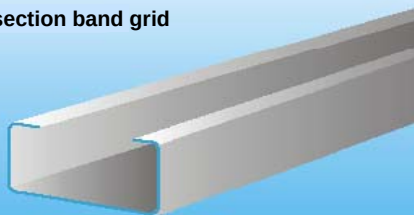
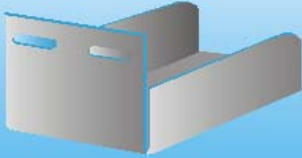
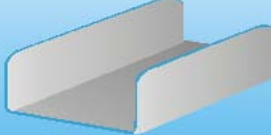


LONG-SPAN PANELS

System:	C-band grid - lay-in system
Material:	galvanised steel sheet 0,6 mm (Aluminium 0,7 mm)
Standard size:	Length: 800 – 3000 mm, Width: 250 – 625 mm
Standard folds:	End edges: Z / H = 30,6 mm, Z = 15 mm Long edges: C / H = approx. 45 mm, C = 13 mm
Edge detail:	square-edged
Perforation:	MaxCon standard perforations LB 251, LB 252, LB 301 (see appendix for other perforations)
Coating:	Powder coating, pure white similar to RAL 9010, matt (other RAL colours on request)
Sound absorption:	Factory-bonded black acoustic fleece (standard; white on request)
Integration options:	Luminaire cut-outs and speaker perforations on request

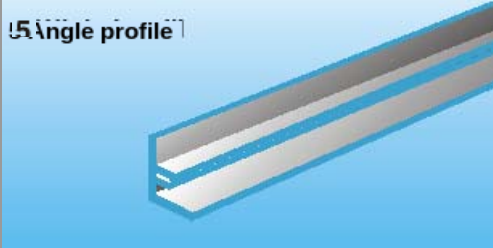
**LONG-SPAN PANELS
C-SECTION BAND GRID
FLUSH LAY-IN SYSTEM**

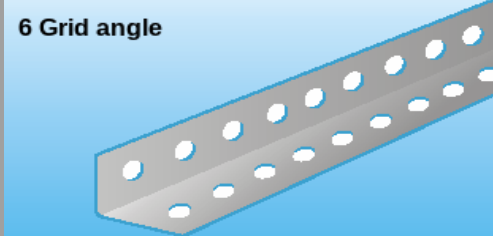
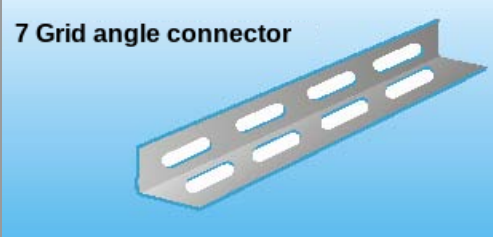
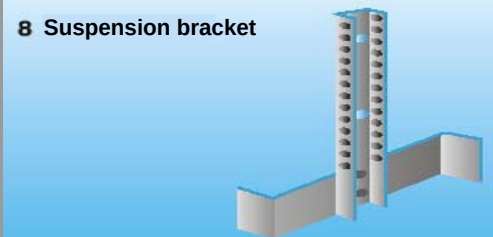
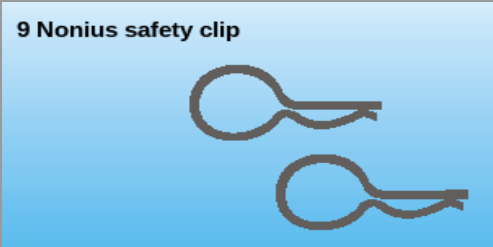
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architectural products

	Item no.	Description	kg / pack	Pack	Qty /m ²
1 Long-span panel  End edges: Z / H = 30,6 mm, Z = 15 mm Long edges: C / H = approx. 45 mm, C = 13 mm other dimensions on request	90 200 ...	LB 252  LB 301  LB 452  LB Ø 602 			
2 C-section band grid 	50 100 8010 50 125 8010 50 150 8010	galv. steel sheet 1,0 mm Length: 4000 mm <i>Band grid width:</i> 100 mm (Standard) 125 mm 150 mm	6,64 kg 8,00 kg 8,80 kg	1 pcs	-
3 Wall connection 	71 300 8010 71 325 8010 71 350 8010	galv. steel sheet 1,0 mm Length: 140 mm <i>Band grid width:</i> 100 mm (Standard) 125 mm 150 mm	16,00 kg 18,00 kg 20,00 kg	100 pcs	-
4 Splice connector 	71 100 8010 71 125 8010 71 150 8010	galv. steel sheet Length: 200 mm <i>Band grid width:</i> 100 mm (Standard) 125 mm 150 mm	16,00 kg 18,00 kg 20,00 kg	100 pcs	-

**LONG-SPAN PANELS
C-SECTION BAND GRID
FLUSH LAY-IN SYSTEM**

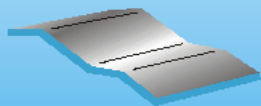
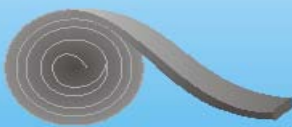
MAXCON
architectural products

 5 Angle profile	40 001 90 ...	Aluminium 1,5 mm L / 25 x 25 mm with groove for retaining spring Length: 4000 mm	8,40 kg	10 pcs	-
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	Item no.	Description	kg / pack	Pack	Qty /m ²
 6 Grid angle	43 100 8700	galv. steel sheet 2,0 mm L / 30 x 30 mm both legs with regular perforations Ø 6,5 mm at 13 mm centres Length: 4000 mm	40,00 kg	10 pcs	-
 7 Grid angle connector	43 200 8700	galv. steel sheet 2,8 mm L / 25 x 25 mm with regular perforations to suit the grid angle Length: 150 mm	3,00 kg	100 pcs	-
 8 Suspension bracket	71 200 8010 71 225 8010 71 250 8010	galv. steel sheet 2,0 mm for nonius hanger or threaded rod <i>Band grid width:</i> 100 mm (Standard) 125 mm 150 mm	4,00 kg 5,00 kg 6,00 kg	100 pcs	-
 9 Nonius safety clip		Ø 2,0 mm	1,00 kg	100 pcs	-

**LONG-SPAN PANELS
C-SECTION BAND GRID
FLUSH LAY-IN SYSTEM**

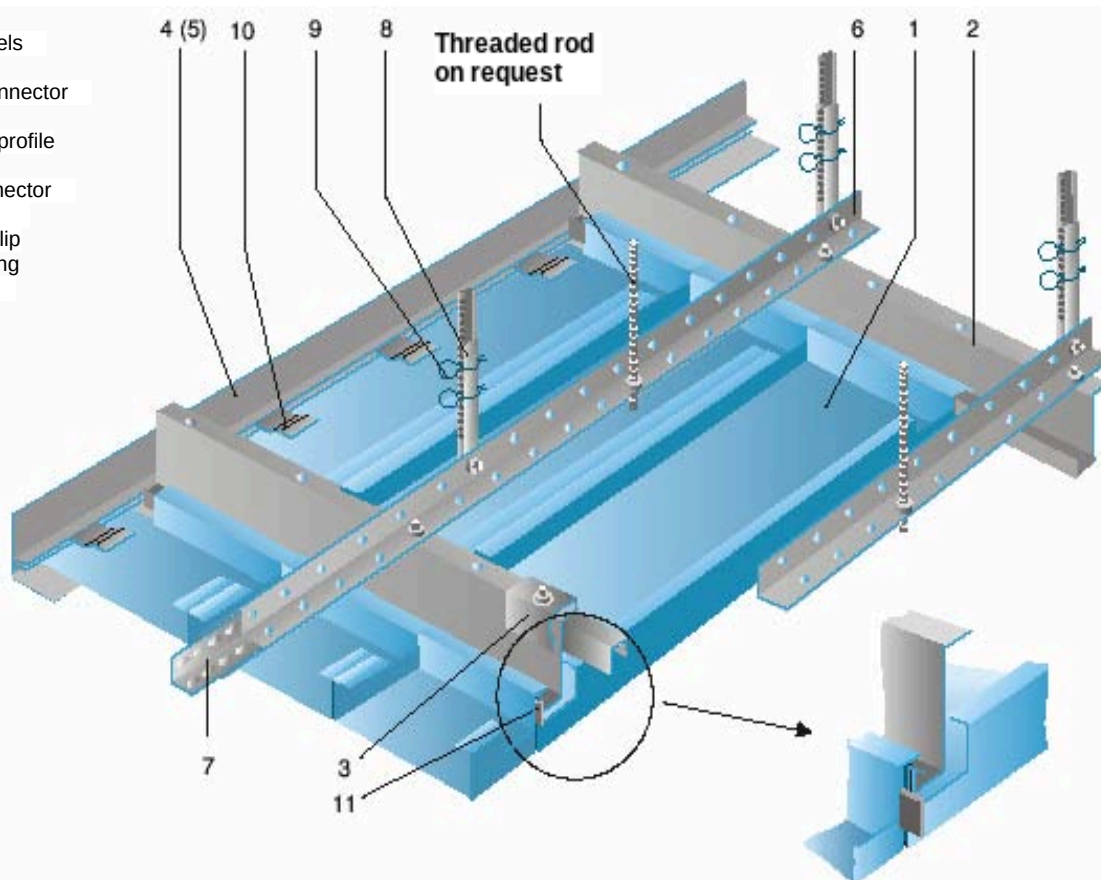
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10 Retaining spring 	70 004 2000	Aluminium 0,5 mm 38 x 40 mm	0,22 kg	100 pcs	-
11 Sealing tape 	70 001 ... 71 002 ...	9 x 3 mm factory bonded Colours: black white		25 m / 1 roll	-

LONG-SPAN PANELS HOOK-ON SYSTEM

MAXCON
architectural products

- 1 = Long-span panels
- 2 = Hook-on rail
- 3 = Hook-on rail connector
- 4 = Angle profile
- 5 = Stepped angle profile
- 6 = Grid angle
- 7 = Grid angle connector
- 8 = Nonius hanger
- 9 = Nonius safety clip
- 10 = Retaining spring
- 11 = Sealing tape

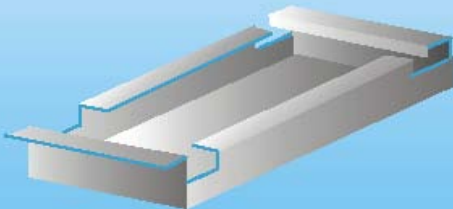
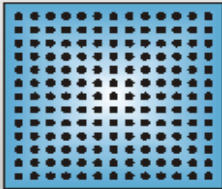
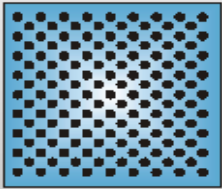
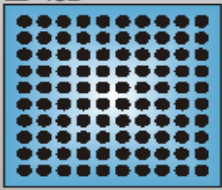
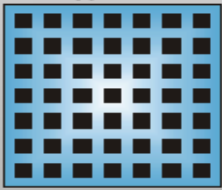
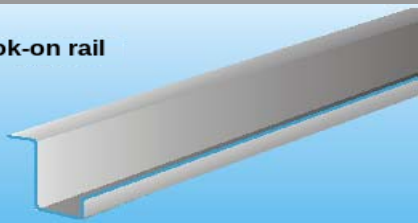
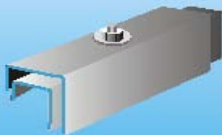
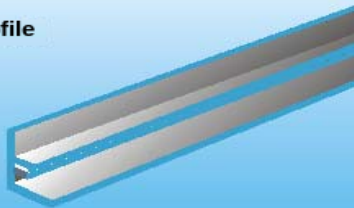
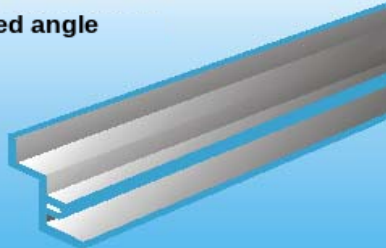


LONG-SPAN PANELS

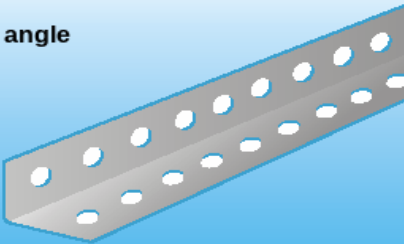
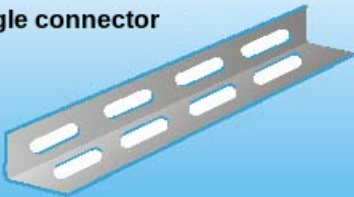
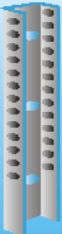
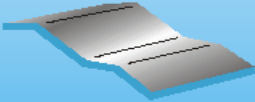
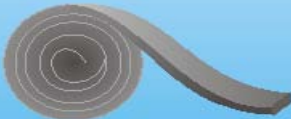
System:	Hook-on system
Material:	galvanised steel sheet 0,6 mm (Aluminium 0,7 mm)
Standard size:	Length: 800 – 3000 mm, Width: 250 – 625 mm
Standard folds:	End edge 1: $Z / H = 30,6 \text{ mm}$, $Z = 15 \text{ mm}$ End edge 2: inward hook / $L = 30 \text{ mm}$ Long edges: $C / H = \text{approx. } 45 \text{ mm}$, $C = 13 \text{ mm}$
Edge detail:	square-edged
Perforation:	MaxCon standard perforations LB 251, LB 252, LB 301 (see appendix for other perforations)
Coating:	Powder coating, pure white similar to RAL 9010, matt (other RAL colours on request)
Sound absorption:	Factory-bonded black acoustic fleece (standard; white on request)
Integration options:	Luminaire cut-outs and speaker perforations on request

LONG-SPAN PANELS HOOK-ON SYSTEM

MAXCON
architectural products

	Item no.	Description	kg / pack	Pack	Qty /m ²
1 Long-span panel  End edge 1: inward hook / H = 30 mm End edge 2: Z / H = 30,6 mm, Z =	90 300 ...	LB 252  LB 301  LB 452  LB Q 602 			
2 Hook-on rail 	42 000 1000	galv. steel sheet 1,0 mm Hook / 14 x 38 x 16 x 7 mm Length: 4000 mm	8,80 kg	10 pcs	-
3 Hook-on rail connector 	70 007 8700	galv. steel sheet 1,0 mm 2-part Length 1: 87 mm / 22 x 13 x 8 mm Length 2: 97 mm / 26 x 18 x 10 mm with Ø 6,5 mm drilled hole	1,00 kg	100 pcs	-
4 Angle profile 	40 001 90 ...	Aluminium 1,5 mm L / 25 x 25 mm with groove for retaining spring Length: 4000 mm	8,40 kg	10 pcs	-
5 Stepped angle 	40 002 90 ...	Aluminium 1,5 mm W / 25 x 20 x 20 x 25 mm with groove for retaining spring Length: 4000 mm	13,60 kg	10 pcs	-

LONG-SPAN PANELS HOOK-ON SYSTEM

	Item no.	Description	kg / pack	Pack	Qty /m ²
6 Grid angle 	43 100 8700	galv. steel sheet 2,0 mm L / 30 x 30 mm both legs with regular perforations Ø 6,5 mm at 13 mm centres Length: 4000 mm	40,00 kg	10 pcs	-
7 Grid angle connector 	43 200 8700	galv. steel sheet 2,0 mm L / 25 x 25 mm with regular perforations to suit the grid angle Length: 150 mm	3,00 kg	100 pcs	-
8 Nonius hanger 	70 005 8000	galv. steel sheet 1,0 mm Length: 135 mm	3,00 kg	100 pcs	-
9 Nonius safety clip 		Ø 2,0 mm	1,00 kg	100 pcs	-
10 Retaining spring 	70 004 2000	Aluminium 0,5 mm 38 x 40 mm	0,22 kg	100 pcs	-
11 Sealing tape 	70 001 ... 71 002 ...	9 x 3 mm factory bonded Colours: black white		25 m / 1 roll	-

LONG-SPAN PANELS EDGE CONFIGURATIONS

ORDER NO.: _____

MAXCON
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Company: _____
Contact person: _____
Telephone: _____
Project/reference: _____
Delivery address: _____

Address: _____
Mobile: _____
Project no.: _____
Telephone: _____
(site) _____

MATERIAL

☐ galv. steel sheet 0,6 mm ☐ Aluminium 0,7 mm
☐ other thickness _____ mm

VISIBLE FACE - Powder coating

☐ pure white RAL 9010 matt ☐ uncoated
☐ other RAL colour _____

PERFORATION - Standard LB 252 (see patterns)

☐ perforated LB _____ ☐ unperforated
☐ mit approx. 10 mm ungel. Rand ☐ fully perforated

JOINT SEAL - Sealing tape 9 x 3 mm

☐ black ☐ white
☐ End edge _____ ☐ Long edge _____
☐ supplied loose, 1 roll of 25 m

FLEECE - black (white on request)

☐ factory bonded ☐ none

LONG-SPAN PANELS

☐ pieces m²

Length (mm):

Width (mm):

End edges:

Long edges:

Selling price / m²:

Setup costs below 500 m²:

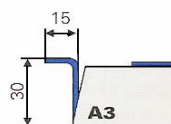
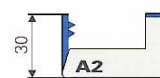
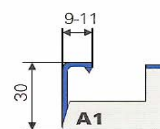
Width change:

Length change:

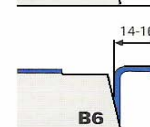
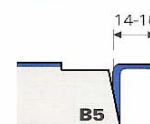
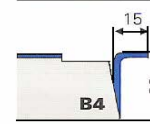
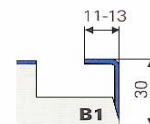
TOP VIEW (from ceiling void)

Long edge 1
End edge **A** B End edge
Long edge 2

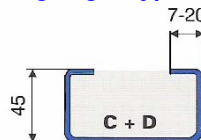
End edge A



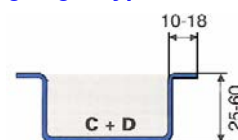
End edge B



Long edges type C



Long edges type Z



Delivery date:

Price validity:

☐ ex works

☐ delivered to site

Price: net + VAT, transport insurance, tolls and pre-haul tolls

Date:

Signature:

PACKAGING UNITS

Metal ceiling tiles	Pieces (m²) / carton	Cartons (m²) / Euro pallet
Clip-in 600 mm	14 pieces = 5,04 m ²	14 carton = 70,56 m ²
Clip-in 625 mm	14 pieces = 5,47 m ²	14 carton = 76,58 m ²
Clip-in hinged module 600	14 pieces = 5,04 m ²	14 carton = 70,56 m ²
Clip-in hinged module 625	14 pieces = 5,47 m ²	14 carton = 76,58 m ²
Flush lay-in 592 x 592 mm, module 600	T24 18 pieces = 6,48 m ²	10 carton = 64,80 m ²
Flush lay-in 617 x 617 mm, module 625	T24 18 pieces = 7,04 m ²	10 carton = 70,40 m ²
Tegular lay-in 575 x 575 mm, module 600	T24 14 pieces = 5,04 m ²	10 carton = 50,40 m ²
Tegular lay-in 600 x 600 mm, module 625	T24 14 pieces = 5,47 m ²	10 carton = 54,70 m ²
Tegular lay-in 584 x 584 mm, module 600	T15 14 pieces = 5,04 m ²	10 carton = 50,40 m ²
Tegular lay-in 609 x 609 mm, module 625	T15 14 pieces = 5,47 m ²	10 carton = 54,70 m ²

(Long-span panels: individual packaging available)

Suspension system

Clip-in rails, length: 4000 mm	10 pcs / bundle
Cross connectors:	100 pcs / carton
Splice connectors:	100 pcs / carton
Double spring clips:	100 pcs / carton
Nonius hangers:	100 pcs / carton
Retaining spring	100 pcs / bag

Accessories

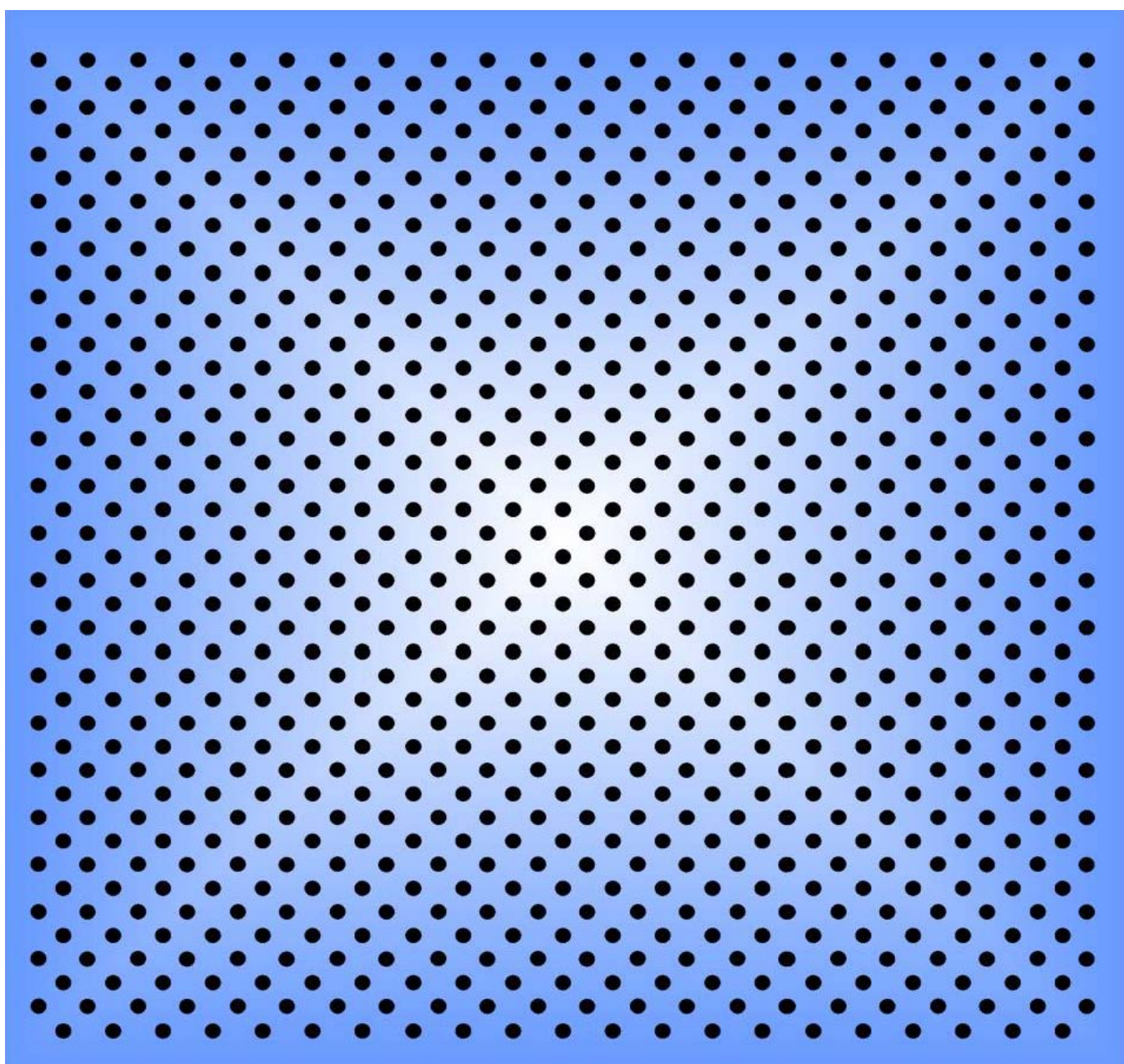
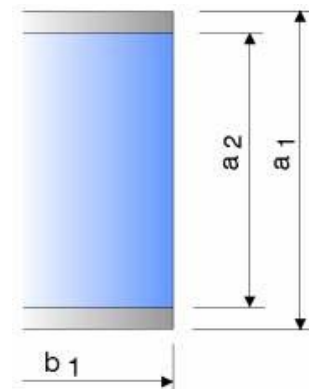
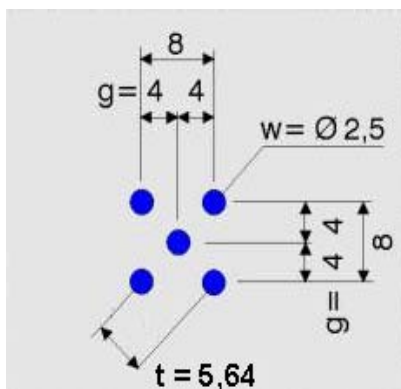
Sealing tape 9 x 3 mm, loose:	25 m / roll
Acoustic fleece:	Cut sheets, roll
Stepped F-angle:	10 pcs / bundle
Aluminium F-angle:	10 pcs / bundle

STANDARD PERFORATION

PERFORATION LB 251

MAXCON
architectural products

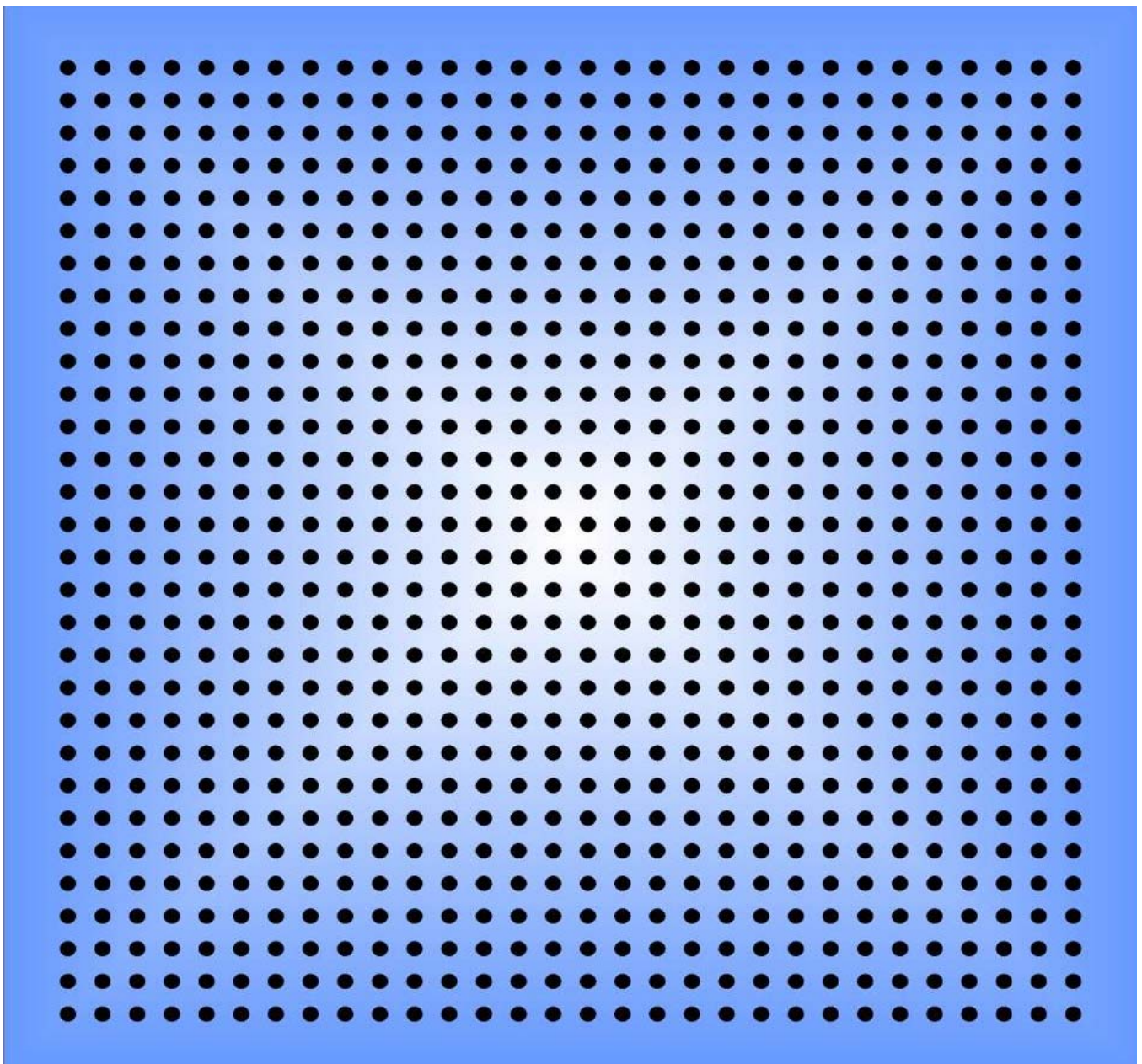
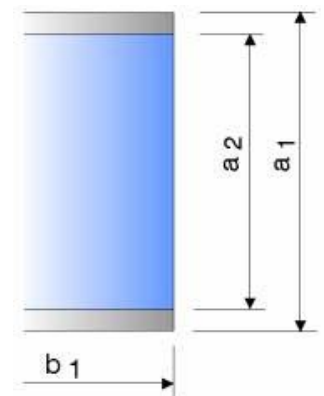
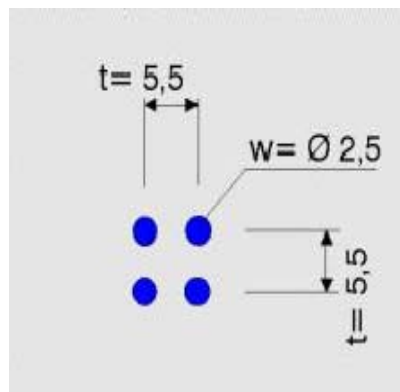
Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$g = 4,00 \text{ mm}$
Hole pitch	$t = 5,64 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 15,4 \%$
DIN designation	Rd 2,50 – 5,64
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



STANDARD PERFORATION PERFORATION LB 252

MAXCON
architectural products

Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$t = 5,50 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 16,2 \%$
DIN designation	Rg 2,50 – 5,50
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$

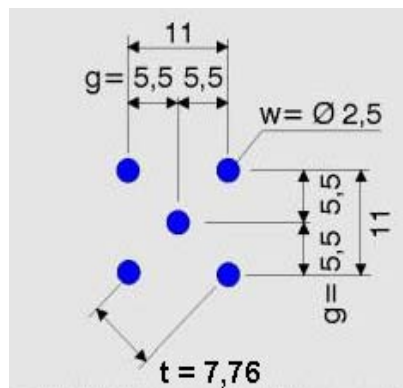


CUSTOM PERFORATION

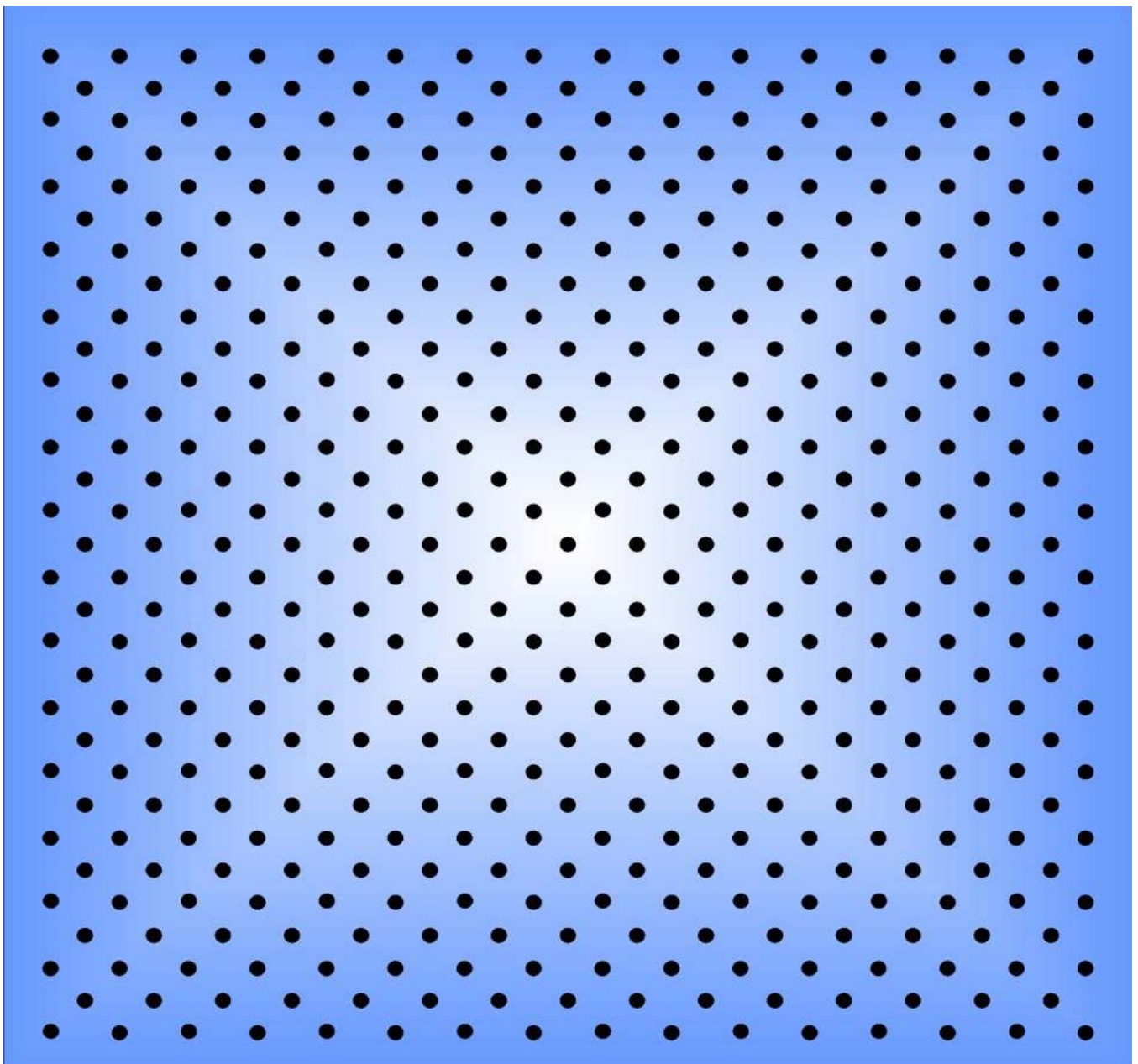
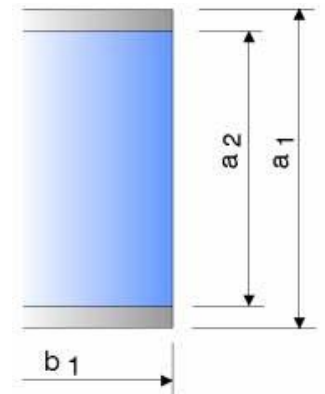
PERFORATION LB 253

MAXCON
architectural products

Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$g = 5,50 \text{ mm}$
Hole pitch	$t = 7,76 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 8,1 \%$
DIN designation	Rd 2,50 – 7,76
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



Hole pitch and $\varnothing$ - scale 1:1

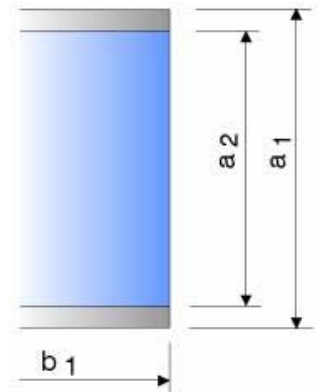
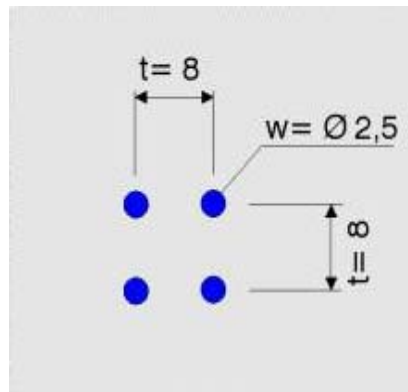


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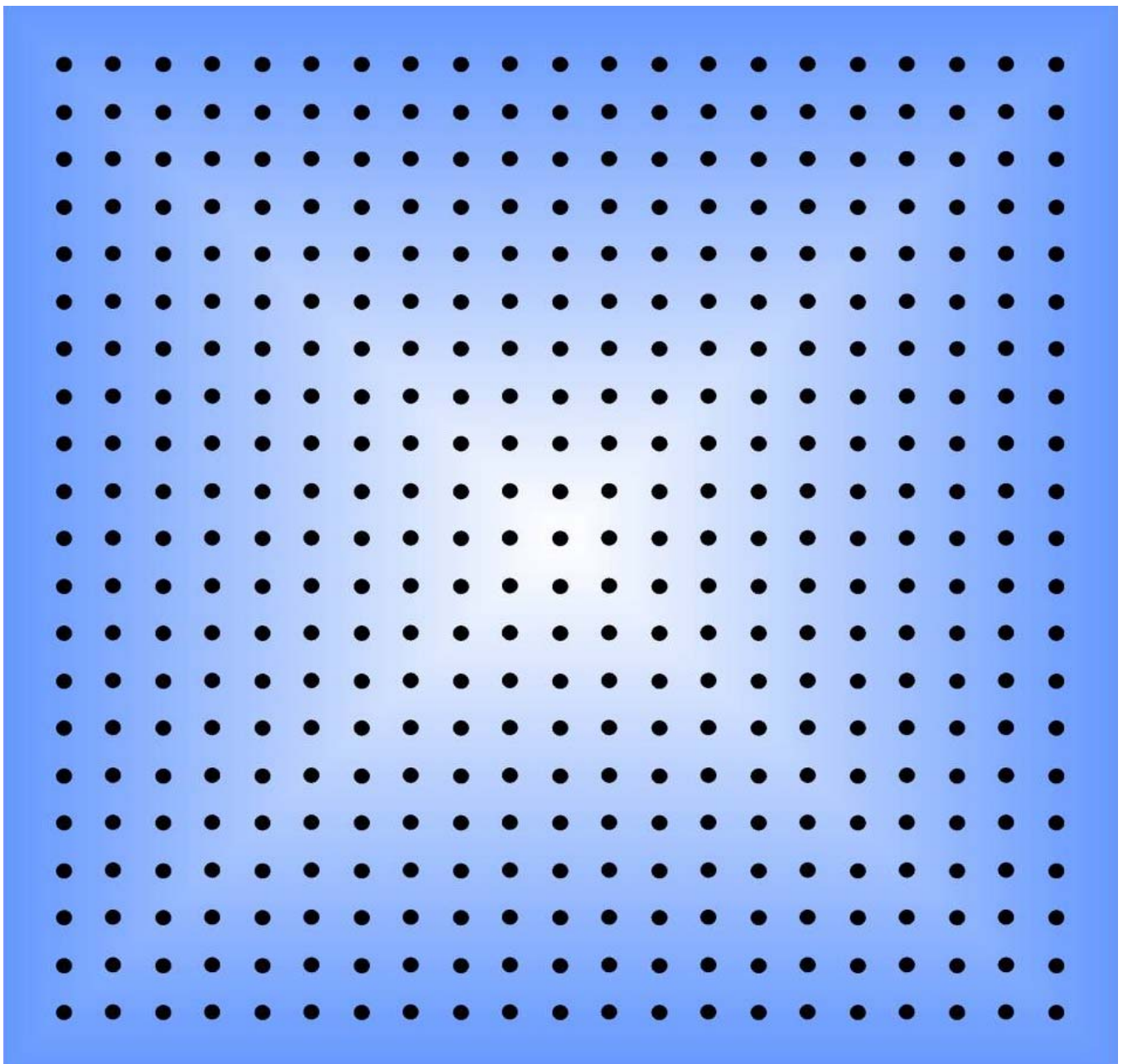
PERFORATION LB 254

MAXCON
architectural products

Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$t = 8,00 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 7,7 \%$
DIN designation	Rg 2,50 – 8,00
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



Hole pitch and $\varnothing$ - scale 1:1

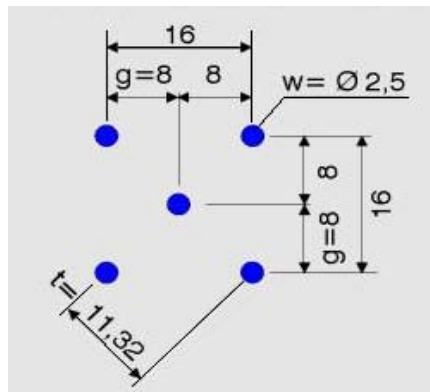


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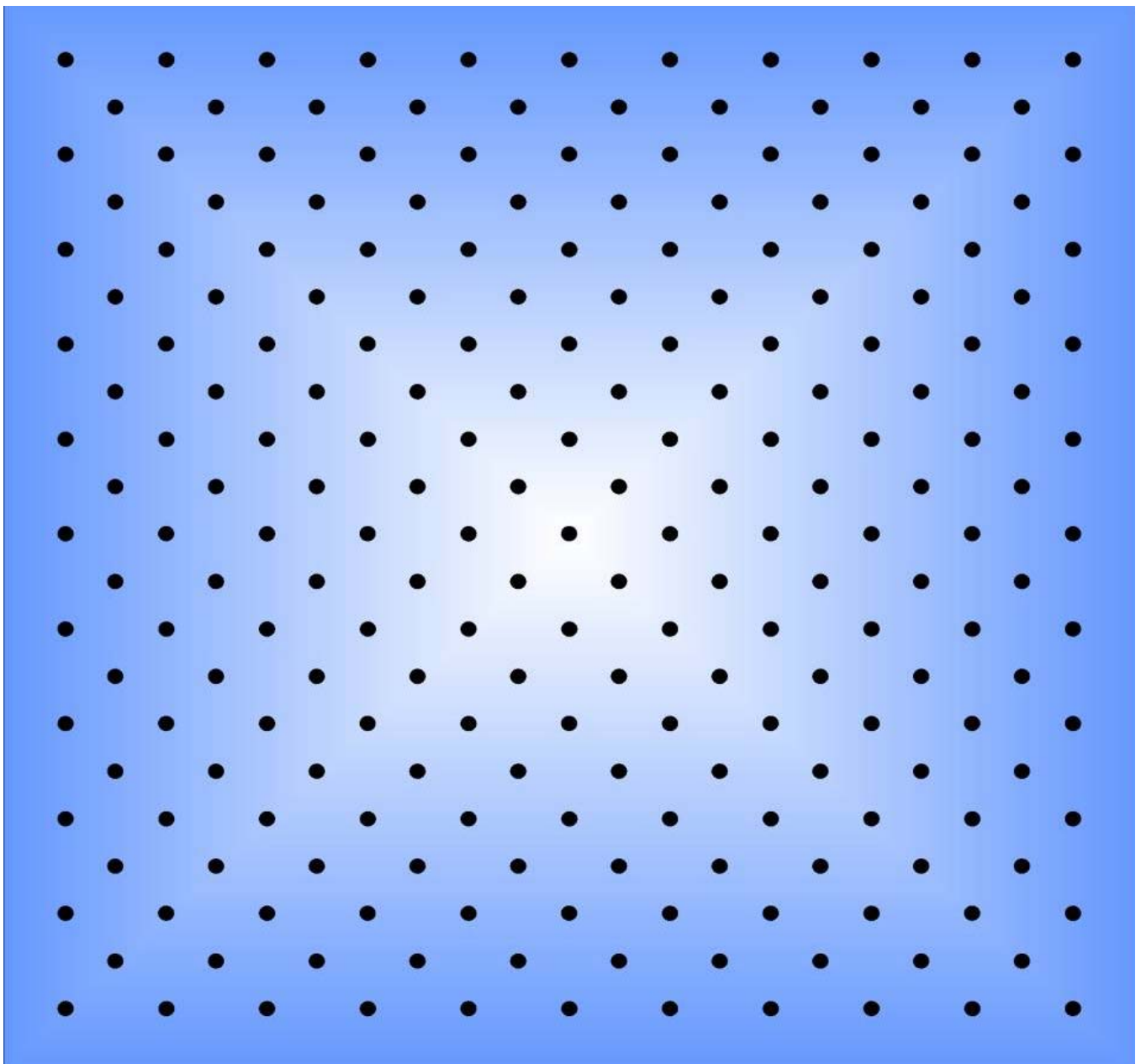
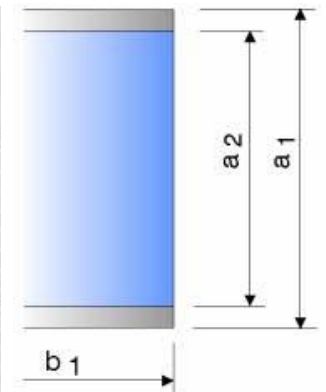
PERFORATION LB 255

MAXCON
architectural products

Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$g = 8,00 \text{ mm}$
Hole pitch	$t = 11,32 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 3,8 \%$
DIN designation	Rd 2,50 – 11,32
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



Hole pitch and Ø - scale 1:1

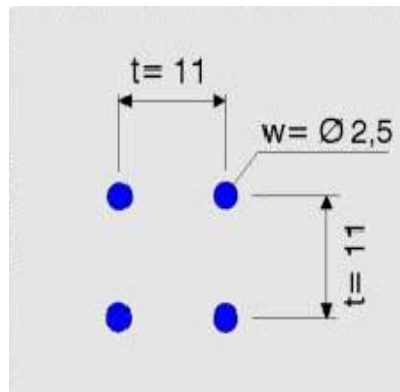


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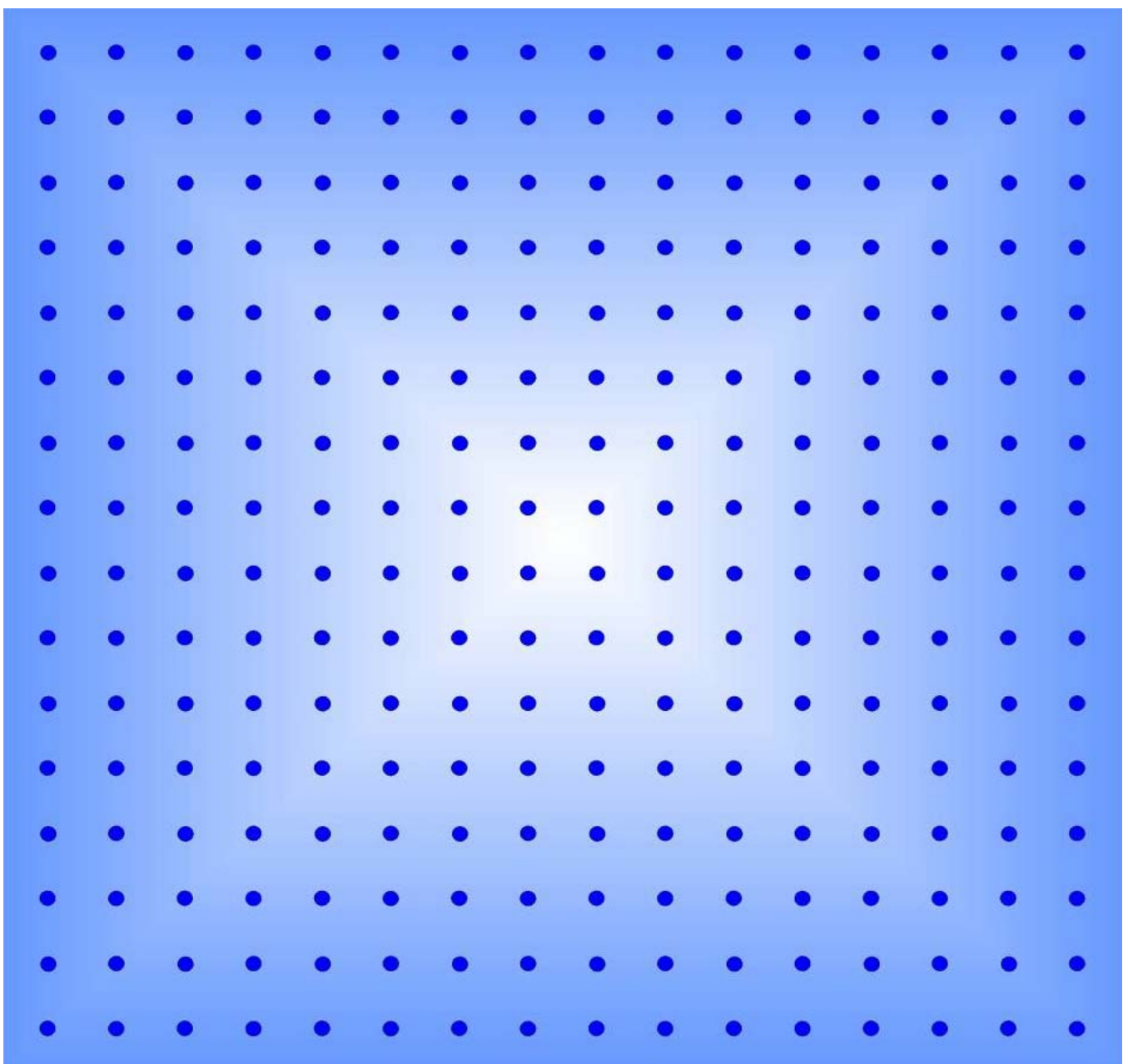
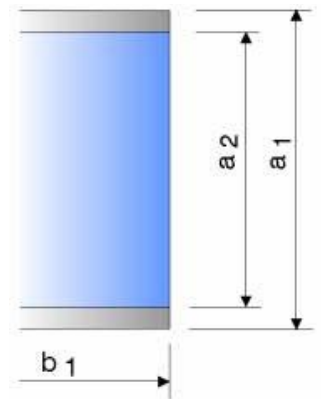
PERFORATION LB 256

MAXCON
architectural products

Hole diameter	$w = 2,50 \text{ mm}$
Hole pitch	$t = 11,00 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 4,1 \%$
DIN designation	Rg 2,50 – 11,00
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



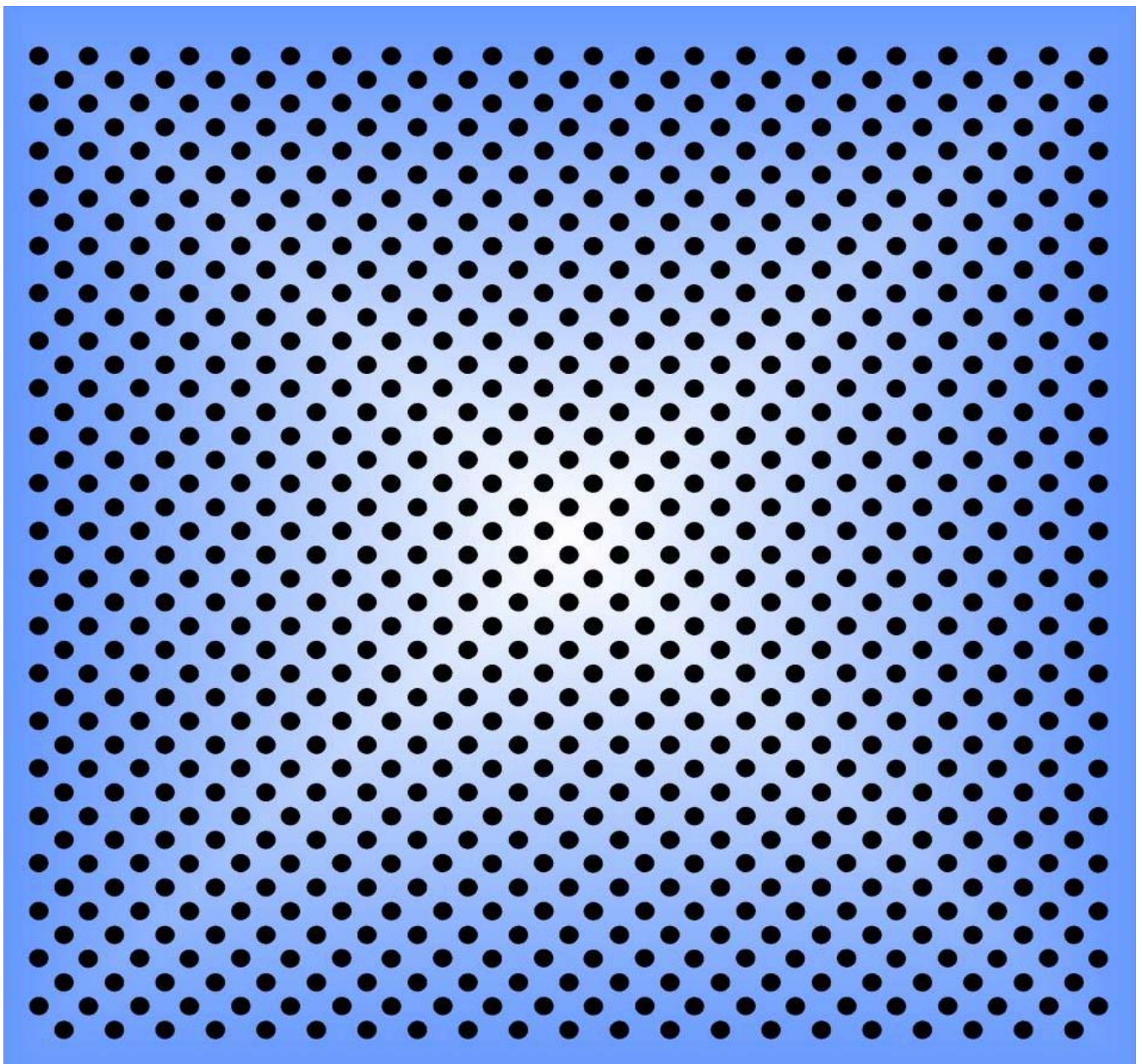
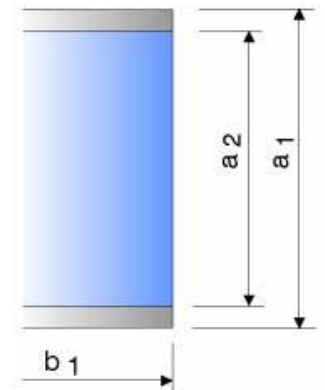
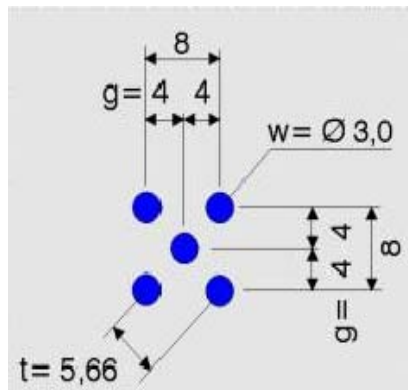
Hole pitch and $\varnothing$ - scale 1:1



STANDARD PERFORATION PERFORATION LB 301

MAXCON
architectural products

Hole diameter	$w = 3,00 \text{ mm}$
Hole pitch	$g = 4,00 \text{ mm}$
Hole pitch	$t = 5,66 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 22,0 \%$
DIN designation	Rd 3,00 – 5,66
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$

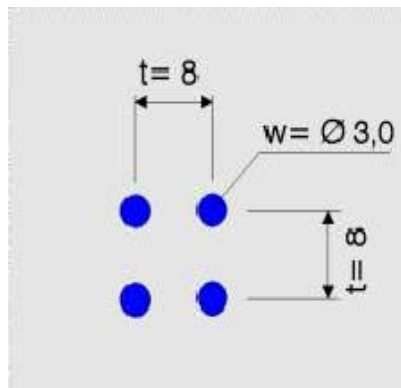


STANDARD PERFORATION

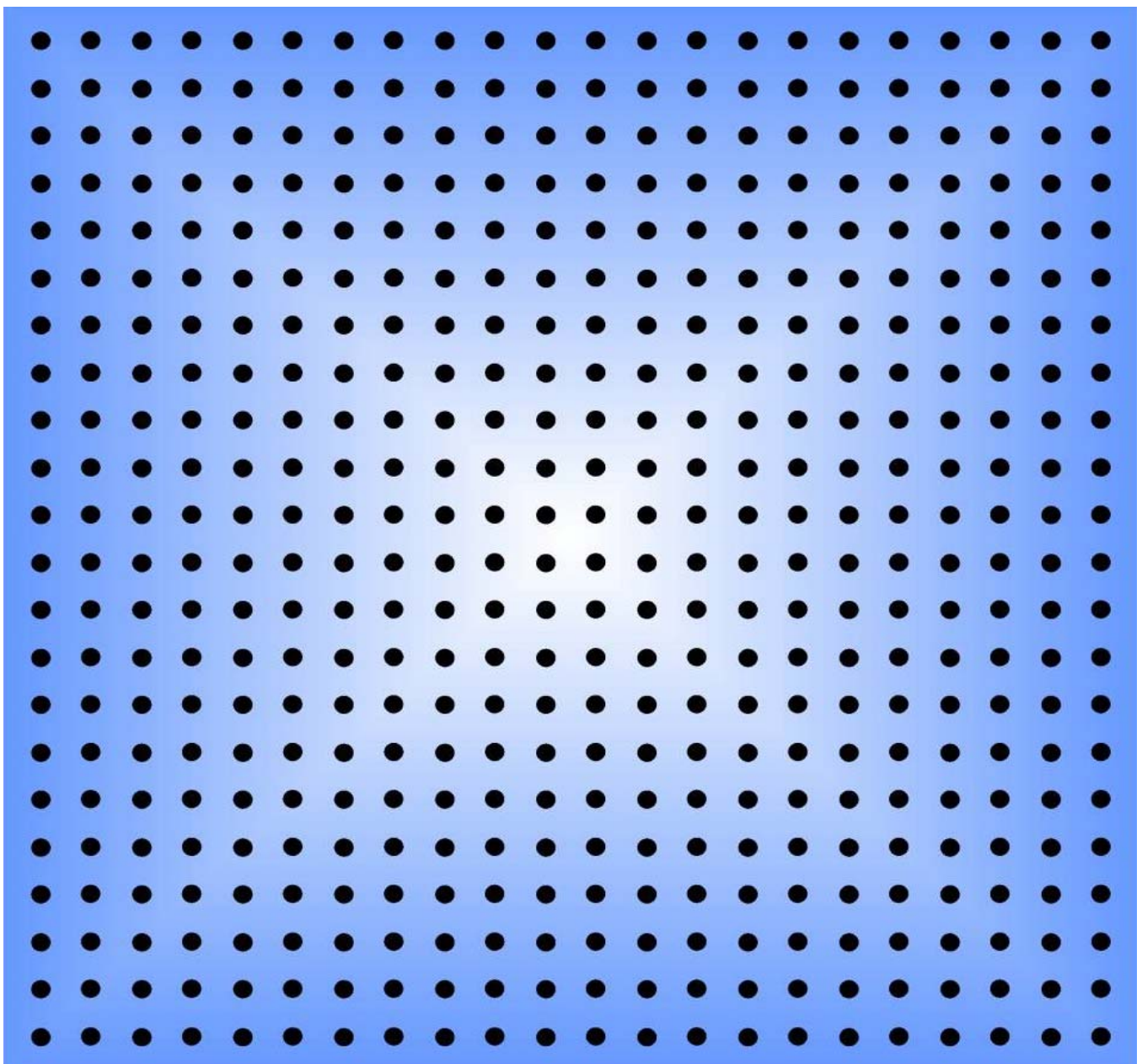
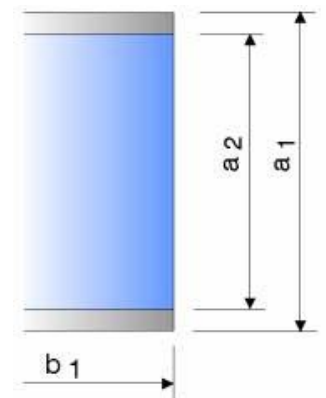
PERFORATION LB 302

MAXCON
architectural products

Hole diameter	$w = 3,00 \text{ mm}$
Hole pitch	$t = 8,00 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 11,0 \%$
DIN designation	Rg 3,00 – 8,00
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



Hole pitch and $\varnothing$ - scale 1:1

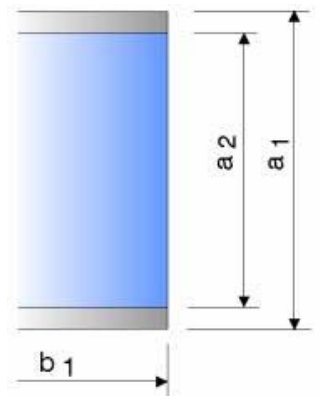
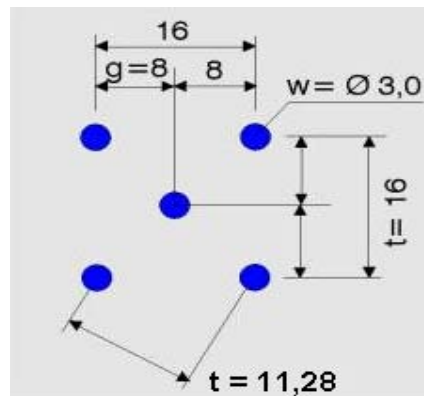


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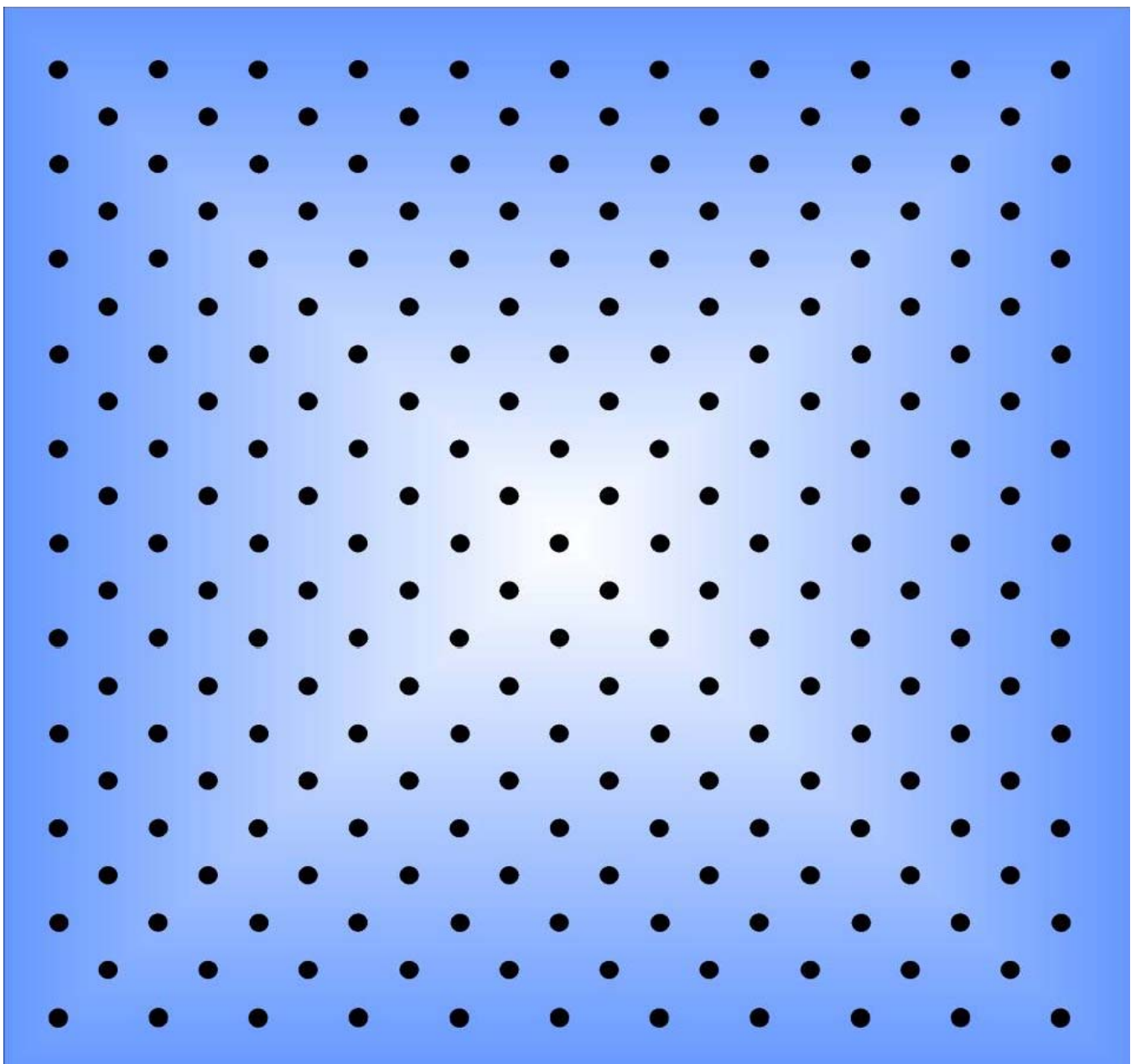
PERFORATION LB 303

MAXCON
architectural products

Hole diameter	w = 3,00 mm
Hole pitch	g = 8,00 mm
Hole pitch	t = 11,28 mm
Diagonal hole rows	Rd
Open area	Ao = 5,5 %
DIN designation	Rd 3,00 – 11,28
Max. tool width	a ₂ = 625 mm
Max. sheet width	a ₁ = 720 mm
Max. sheet length	b ₁ = 4000 mm



Hole pitch and Ø - scale 1:1

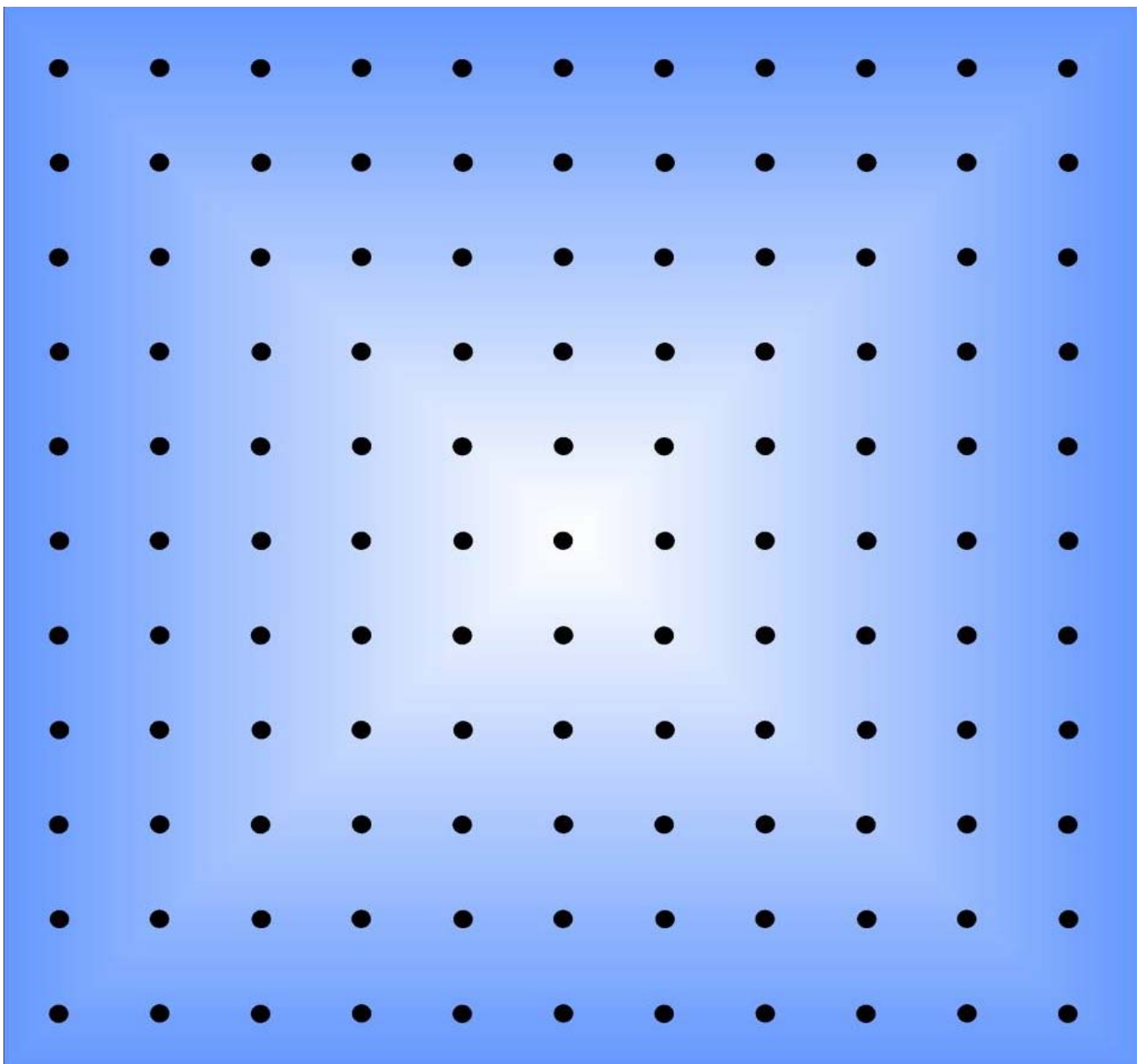
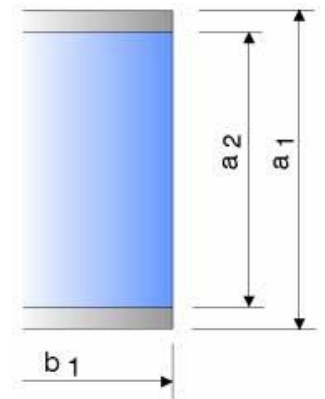
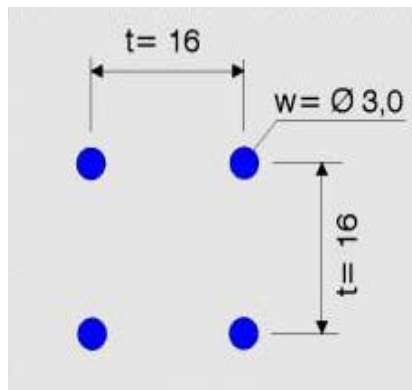


CUSTOM PERFORATION

PERFORATION LB 304

MAXCON
architectural products

Hole diameter	$w = 3,00 \text{ mm}$
Hole pitch	$t = 16,00 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 2,8 \%$
DIN designation	Rg 3,00 – 16,00
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$

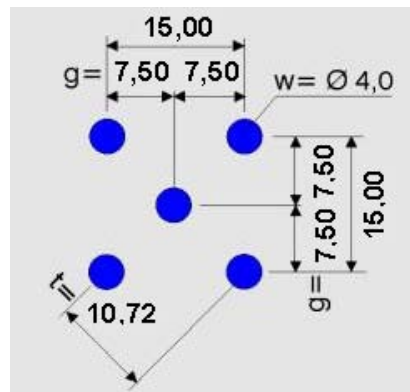


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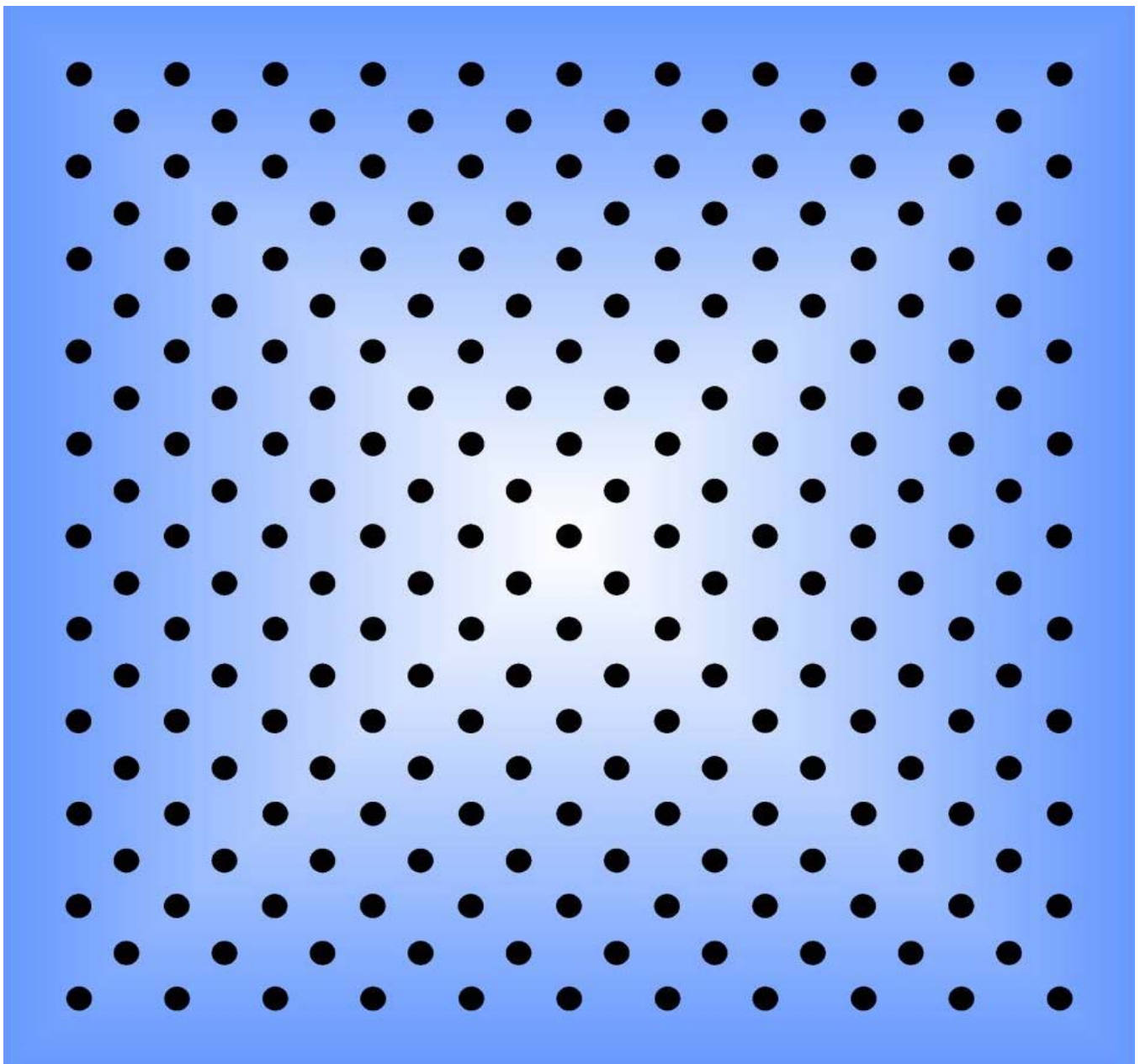
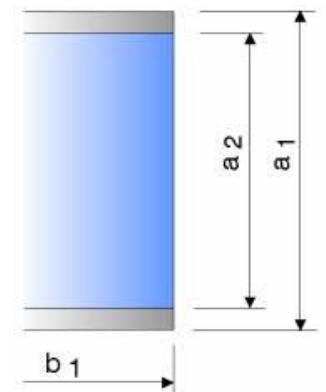
PERFORATION LB 401

MAXCON
architectural products

Hole diameter	w = 4,00 mm
Hole pitch	g = 7,50 mm
Hole pitch	t = 10,72 mm
Diagonal hole rows	Rd
Open area	Ao = 10,9 %
DIN designation	Rd 4,00 – 10,72
Max. tool width	a ₂ = 596 mm
Max. sheet width	a ₁ = 680 mm
Max. sheet length	b ₁ = 3100 mm



Hole pitch and Ø - scale 1:1

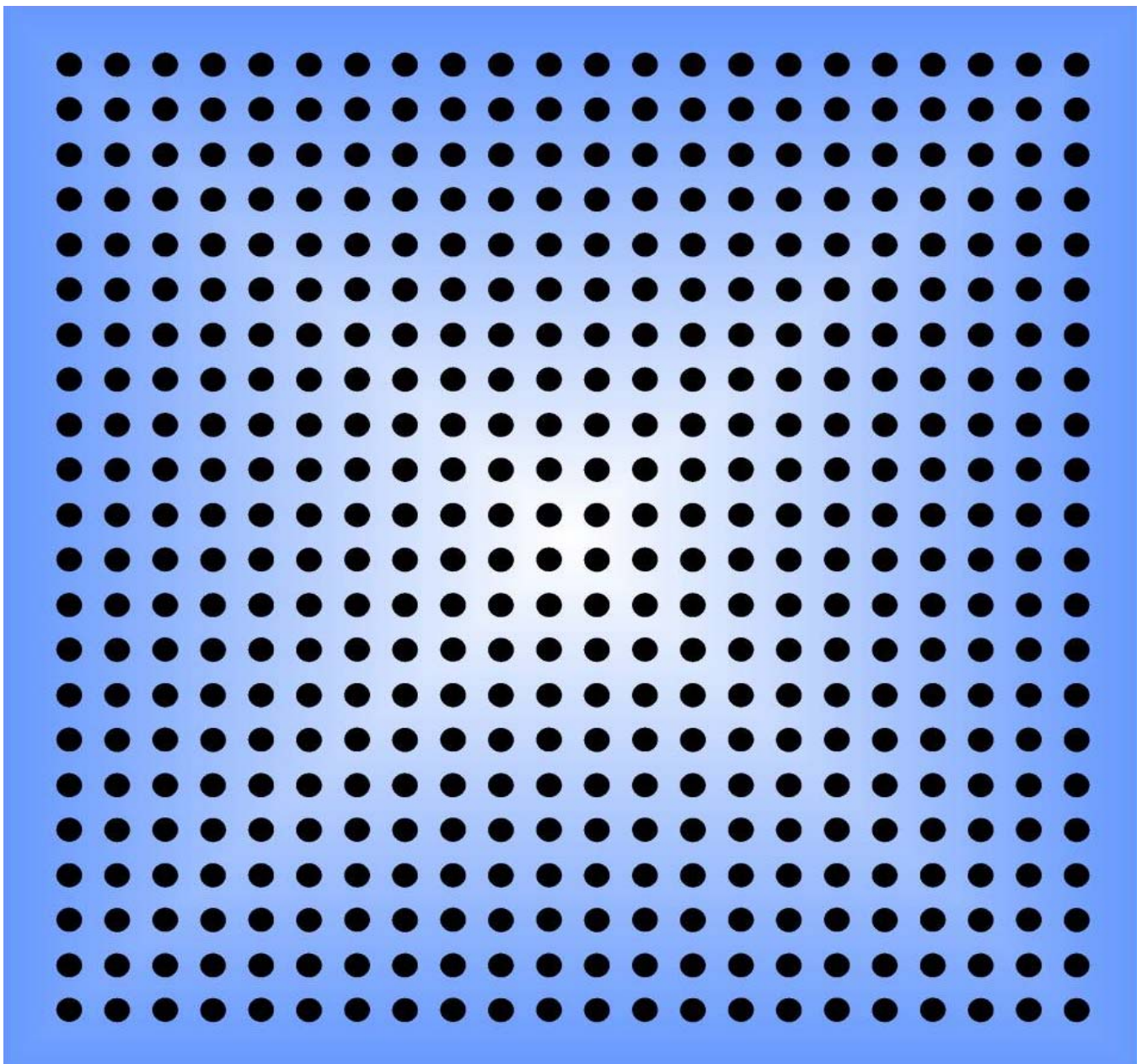
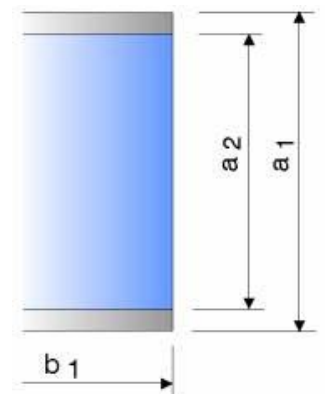
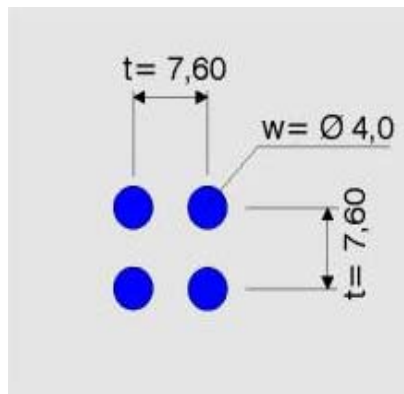


CUSTOM PERFORATION

PERFORATION LB 402

MAXCON
architectural products

Hole diameter	$w = 4,00 \text{ mm}$
Hole pitch	$t = 7,60 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 21,8 \%$
DIN designation	Rg 4,00 – 7,60
Max. tool width	$a_2 = 596 \text{ mm}$
Max. sheet width	$a_1 = 680 \text{ mm}$
Max. sheet length	$b_1 = 3100 \text{ mm}$

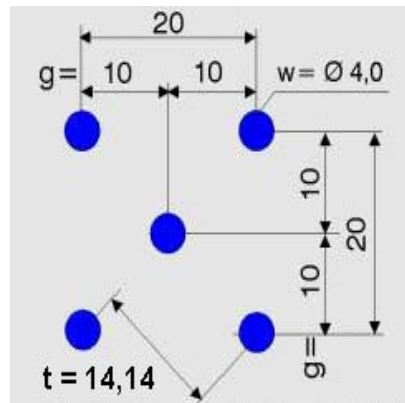


STANDARD PERFORATION

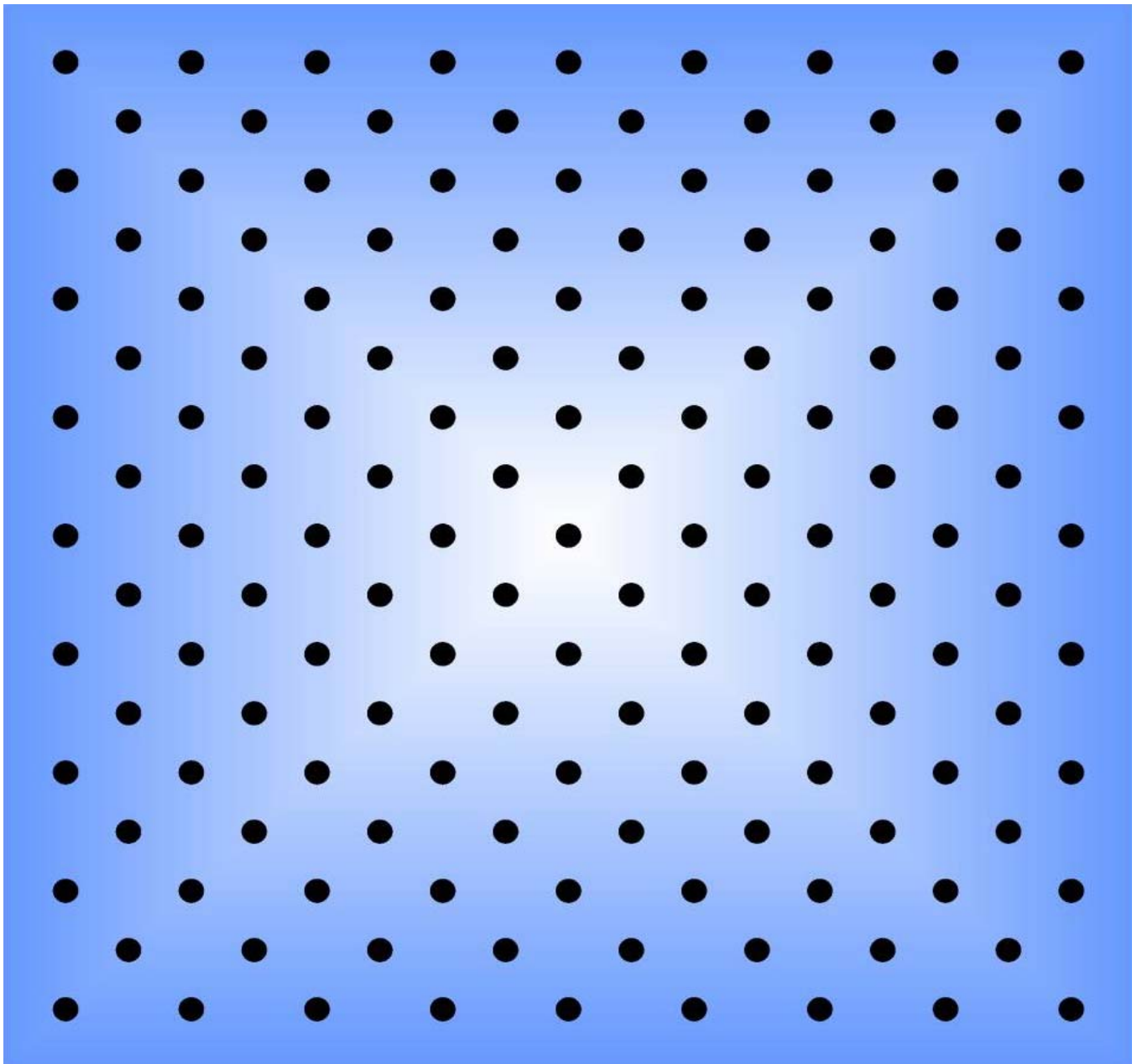
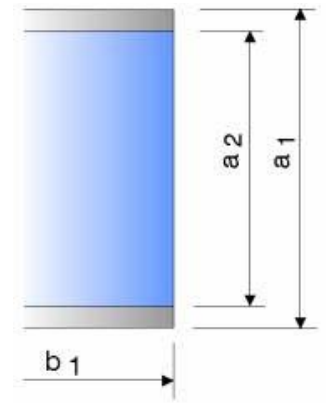
PERFORATION LB 403

MAXCON
architectural products

Hole diameter	$w = 4,00 \text{ mm}$
Hole pitch	$g = 10,00 \text{ mm}$
Hole pitch	$t = 14,14 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 6,3 \%$
DIN designation	Rd 4,00 – 14,14
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



Hole pitch and $\varnothing$ - scale 1:1

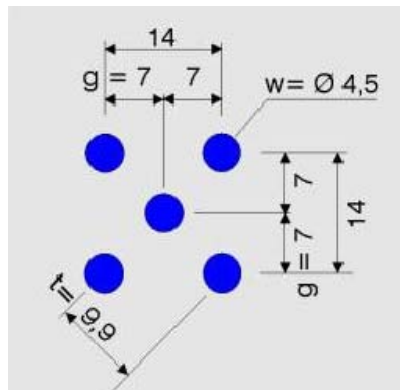


CUSTOM PERFORATION

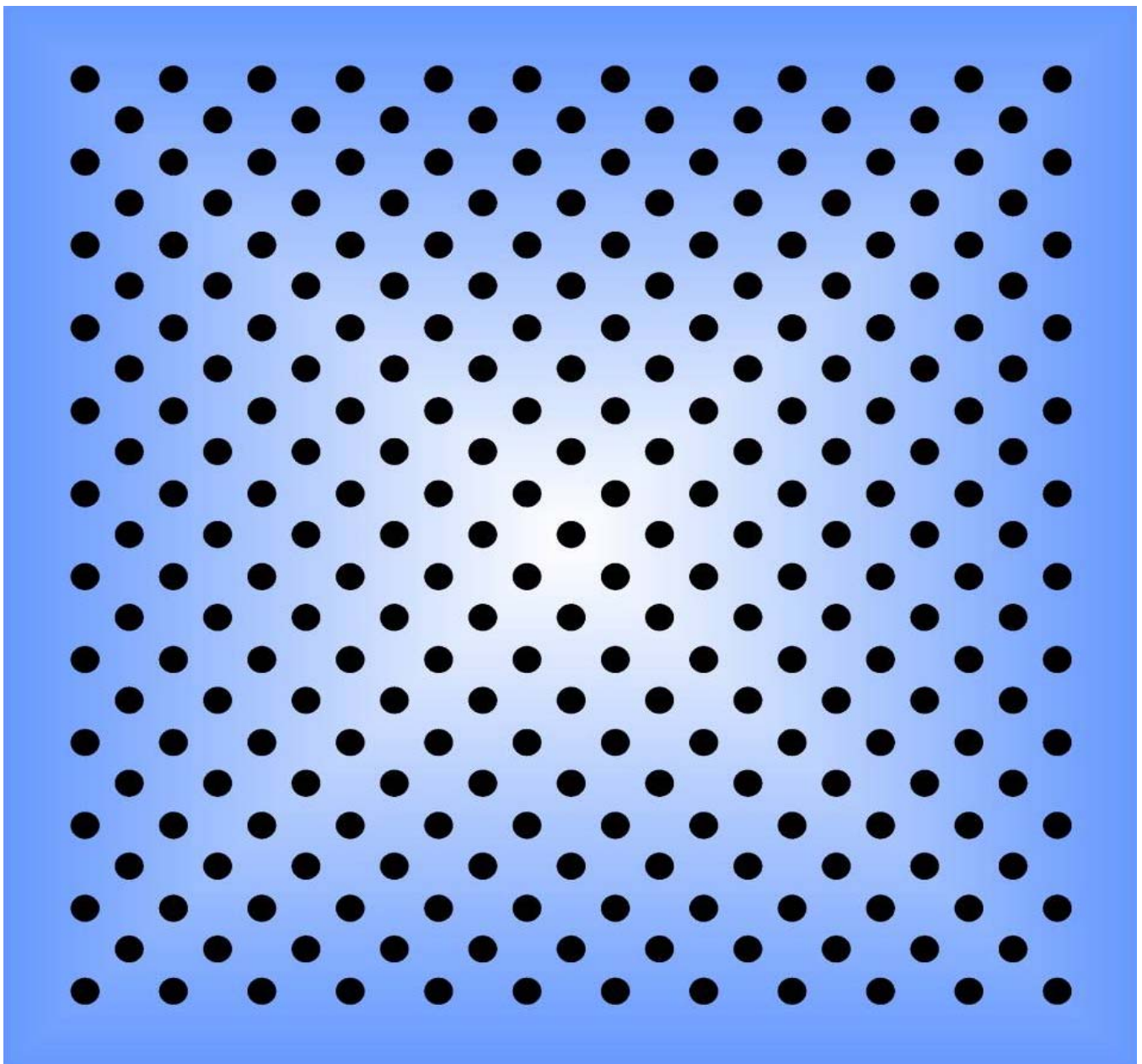
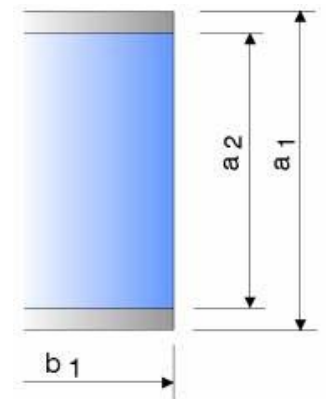
PERFORATION LB 451

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Hole diameter	$w = 4,50 \text{ mm}$
Hole pitch	$g = 7,00 \text{ mm}$
Hole pitch	$t = 9,90 \text{ mm}$
Diagonal hole rows	Rd
Open area	$A_o = 16,7 \%$
DIN designation	Rd 4,50 – 9,90
Max. tool width	$a_2 = 606 \text{ mm}$
Max. sheet width	$a_1 = 680 \text{ mm}$
Max. sheet length	$b_1 = 3100 \text{ mm}$



Hole pitch and $\varnothing$ - scale 1:1

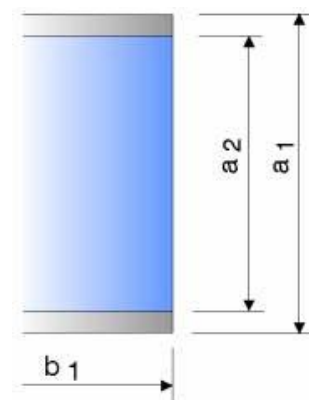
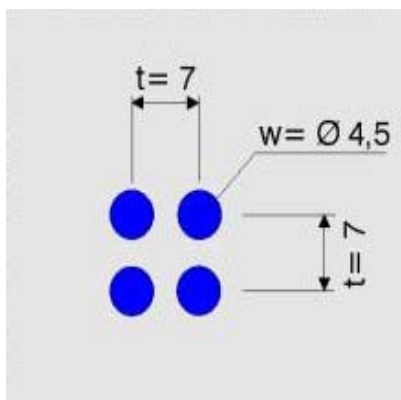


CUSTOM PERFORATION

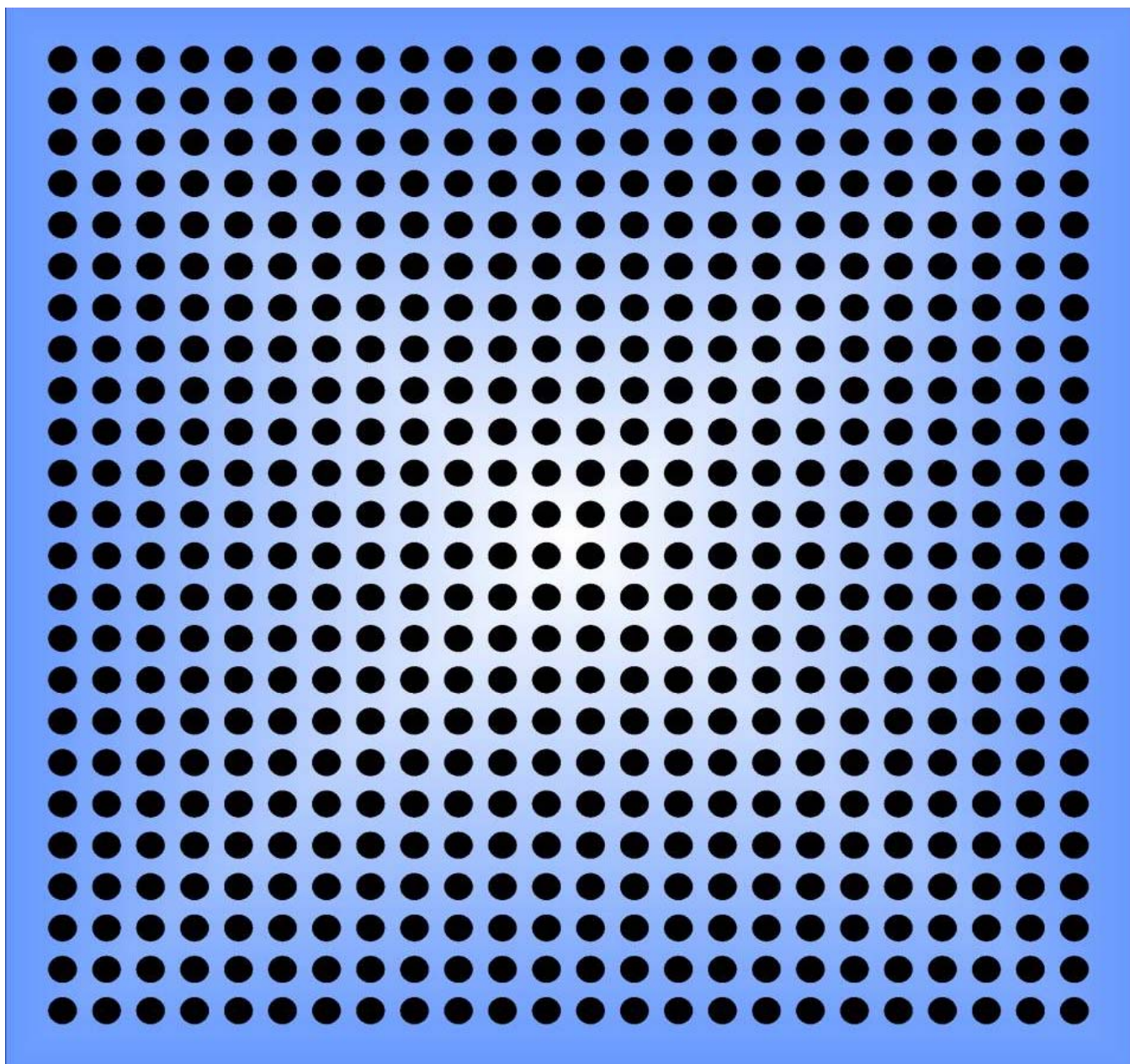
PERFORATION LB 452

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Hole diameter	w = 4,50 mm
Hole pitch	t = 7,00 mm
Straight hole rows	Rg
Open area	Ao = 33,4 %
DIN designation	Rg 4,50 – 7,00
Max. tool width	a ₂ = 606 mm
Max. sheet width	a ₁ = 680 mm
Max. sheet length	b ₁ = 3100 mm



Hole pitch and Ø - scale 1:1

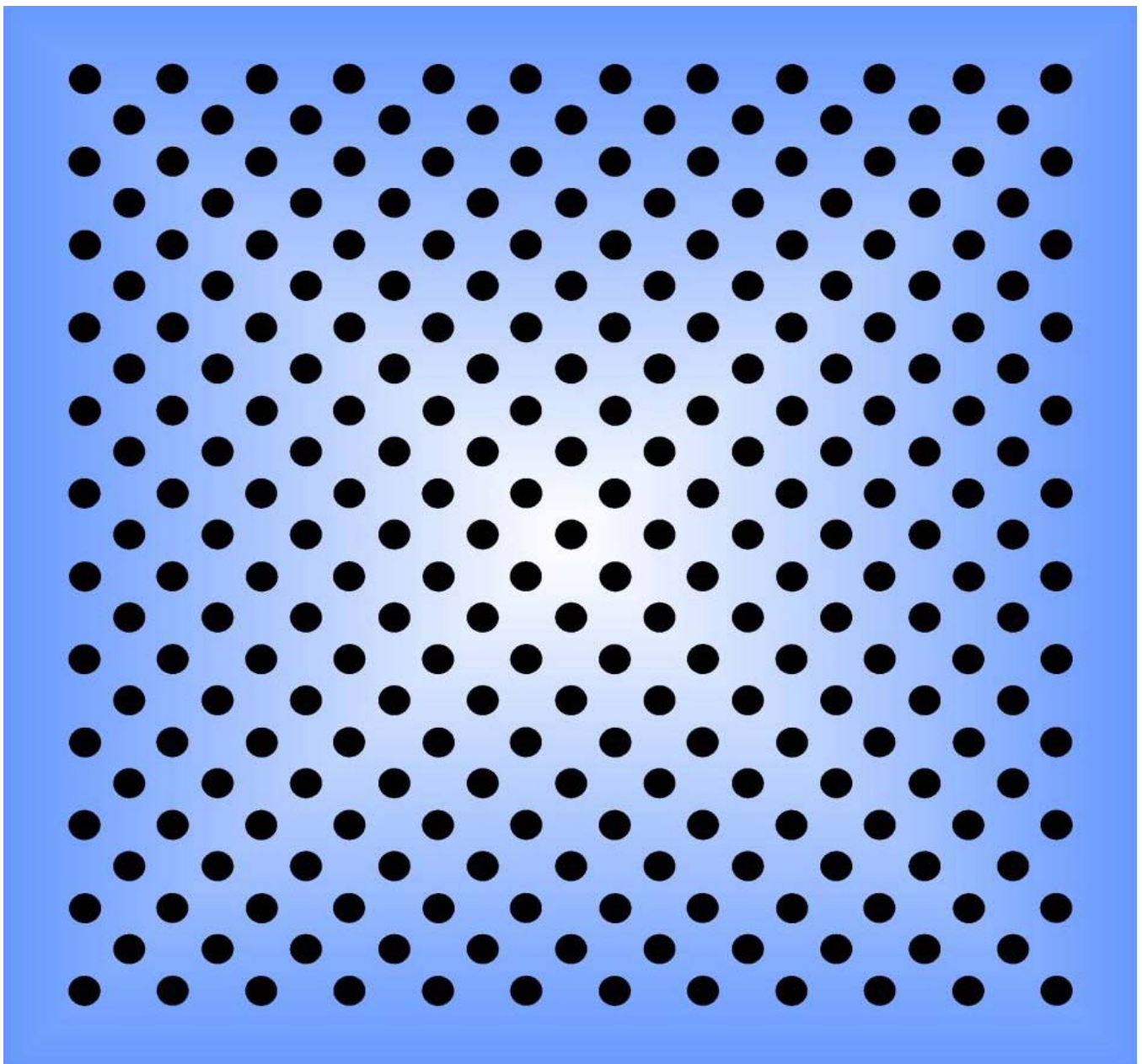
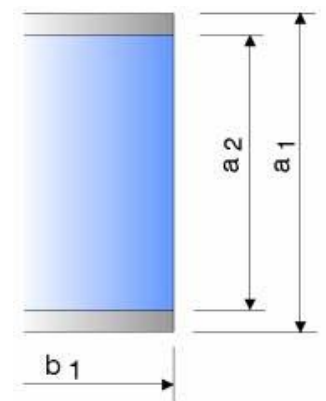
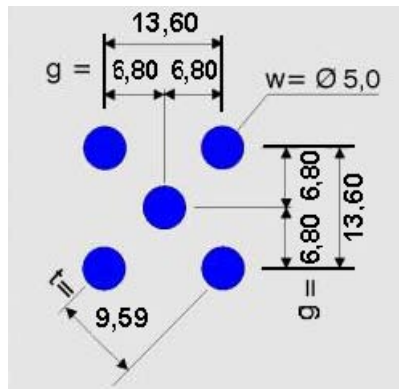


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PERFORATION LB 501

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Hole diameter	w = 5,00 mm
Hole pitch	g = 6,80 mm
Hole pitch	t = 9,59 mm
Diagonal hole rows	Rd
Open area	Ao = 20,6 %
DIN designation	Rd 5,00 – 9,59
Max. tool width	a ₂ = 606 mm
Max. sheet width	a ₁ = 680 mm
Max. sheet length	b ₁ = 3100 mm

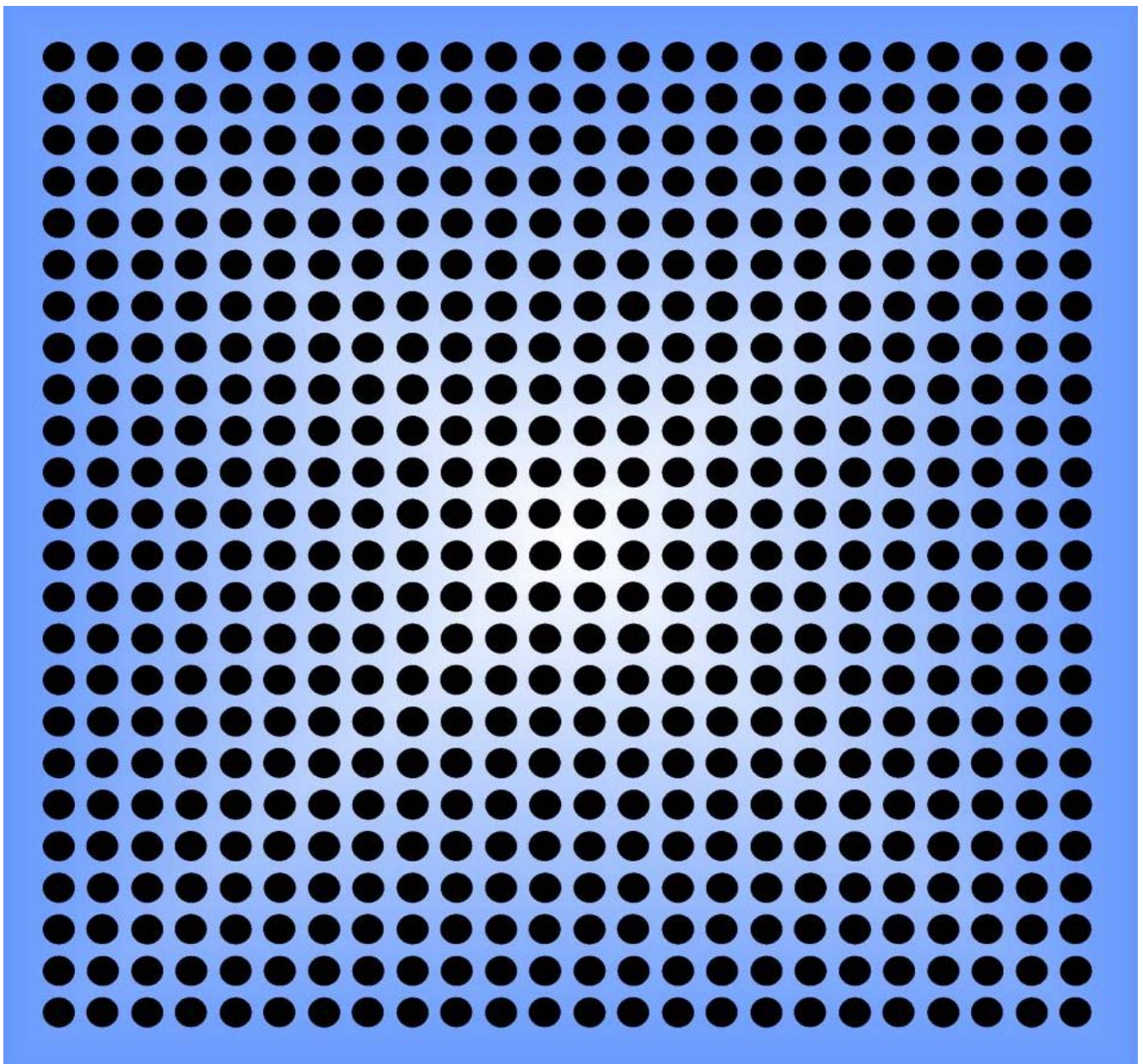
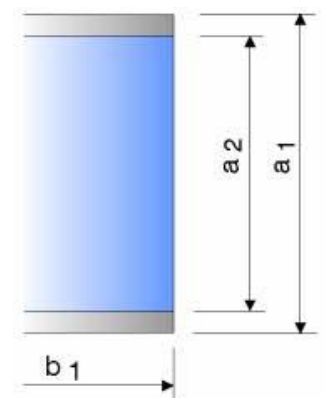
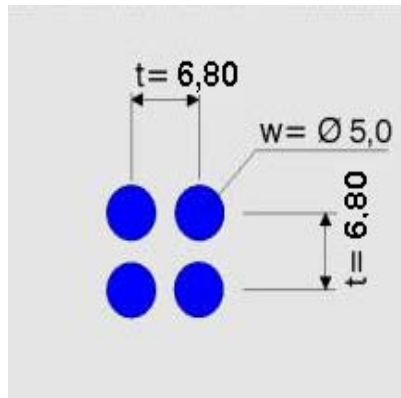


CUSTOM PERFORATION

PERFORATION LB 502

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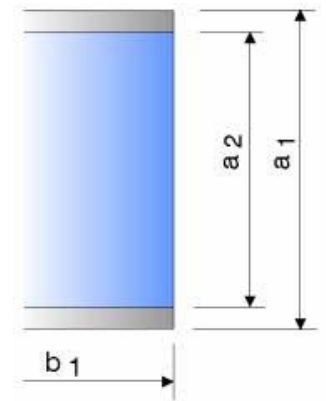
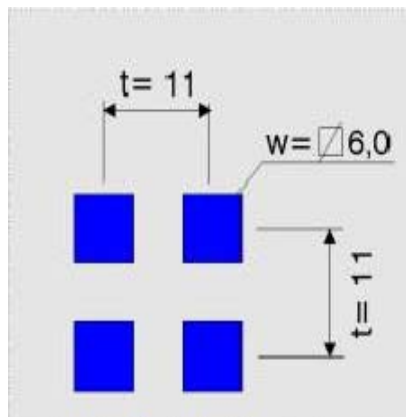
Hole diameter	$w = 5,00 \text{ mm}$
Hole pitch	$t = 6,80 \text{ mm}$
Straight hole rows	Rg
Open area	$A_o = 41,2 \%$
DIN designation	Rg 5,50 – 6,80
Max. tool width	$a_2 = 606 \text{ mm}$
Max. sheet width	$a_1 = 680 \text{ mm}$
Max. sheet length	$b_1 = 3100 \text{ mm}$



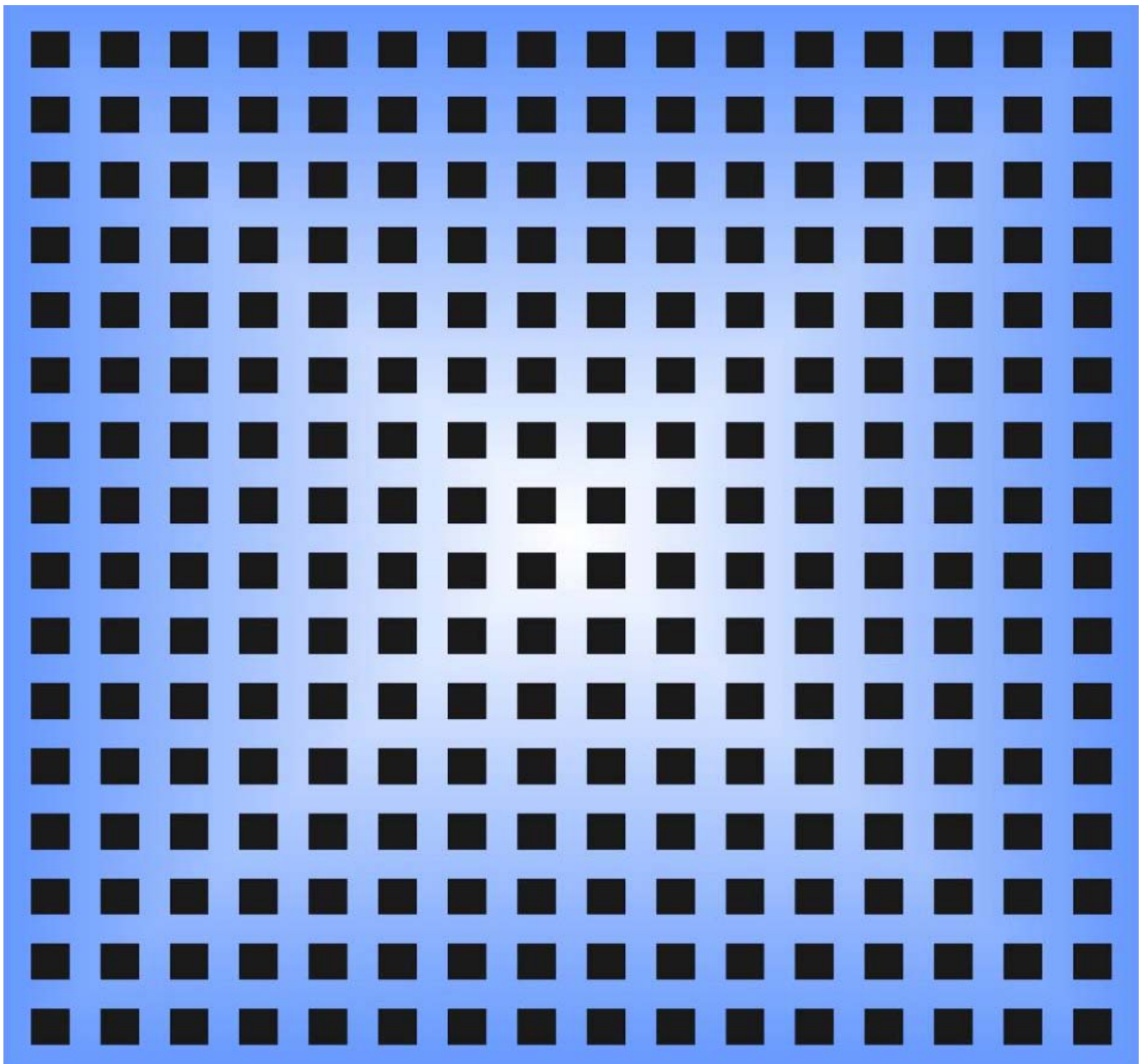
CUSTOM PERFORATION PERFORATION LB Q 602

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Hole diameter	$w = 6,00 \text{ mm}$
Hole pitch	$t = 11,00 \text{ mm}$
Straight hole rows	Qg
Open area	$A_o = 30,0 \%$
DIN designation	Rg 6,00 – 11,00
Max. tool width	$a_2 = 625 \text{ mm}$
Max. sheet width	$a_1 = 720 \text{ mm}$
Max. sheet length	$b_1 = 4000 \text{ mm}$



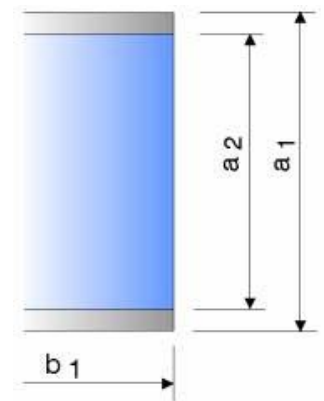
Hole pitch and F - scale 1:1



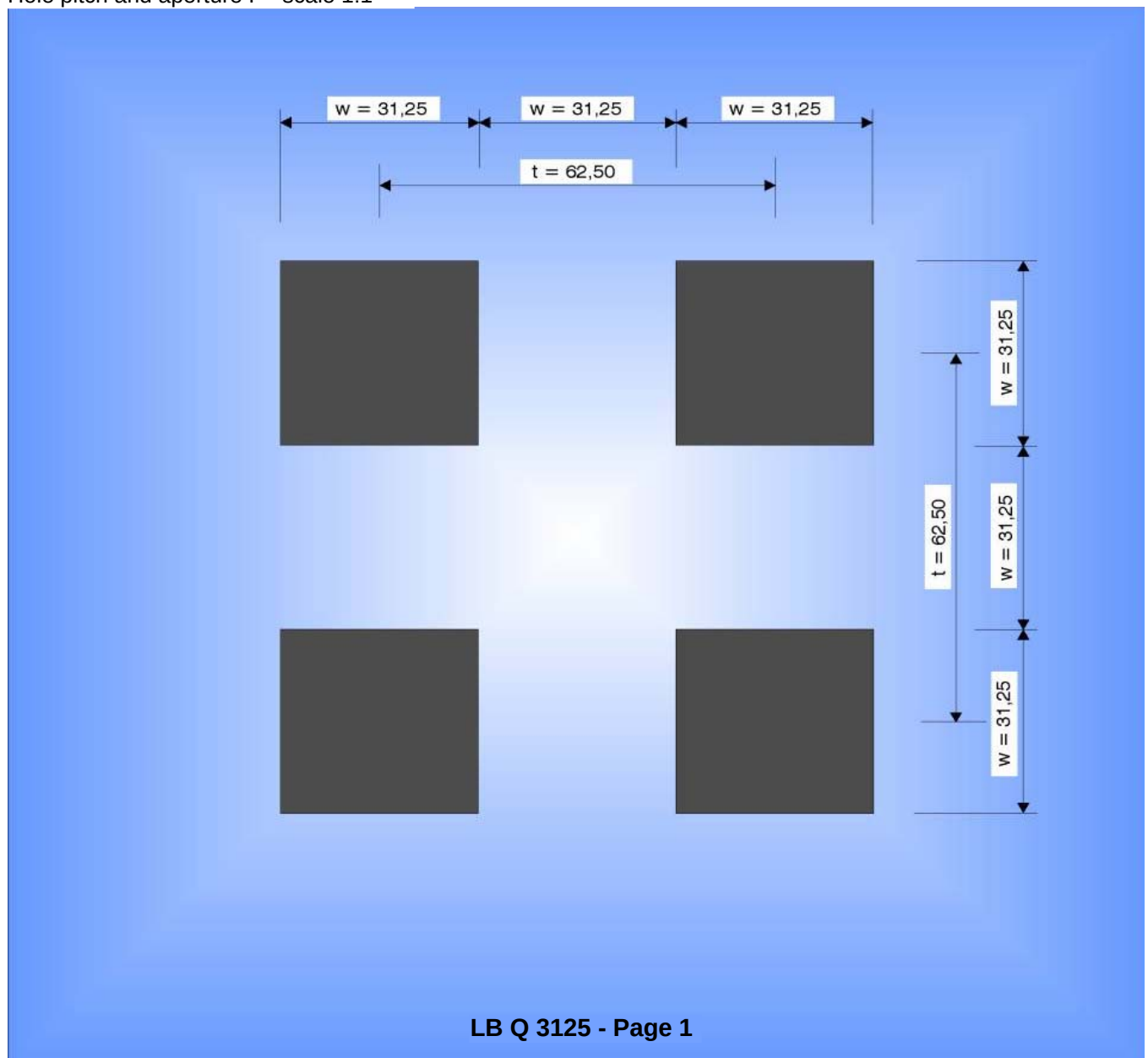
CUSTOM PERFORATION PERFORATION LB Q 3125

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Square aperture width	$w = 31,25 \text{ mm}$
Hole pitch	$t = 62,50 \text{ mm}$
Straight hole rows	Qg
Open area	$A_o = 25,0 \%$
DIN designation	Rg 31,25 – 62,50
Max. tool width	$a_2 = 593,75 \text{ mm}$
Max. sheet width	$a_1 = 680 \text{ mm}$
Max. sheet length	$b_1 = 3000 \text{ mm}$
Punch arrangement	single row, max. 10 pieces



Hole pitch and aperture F - scale 1:1

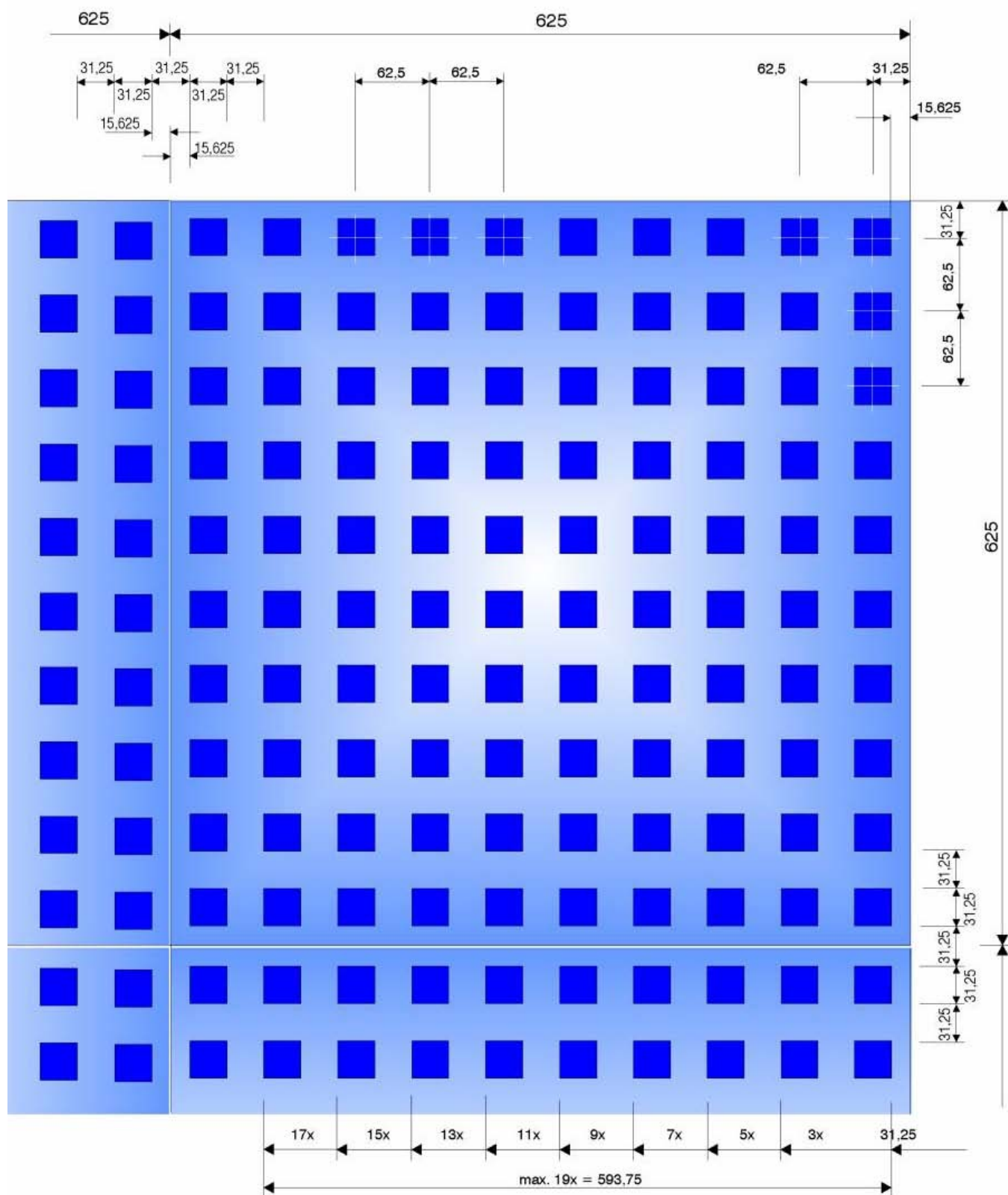


CUSTOM PERFORATION PERFORATION LB Q 3125

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Arrangement for square metal ceiling tiles 625 x 625 mm

Hole pitch and aperture F - scale 1:5



LB Q 3125 - Page 2

Ceiling and facade systems
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