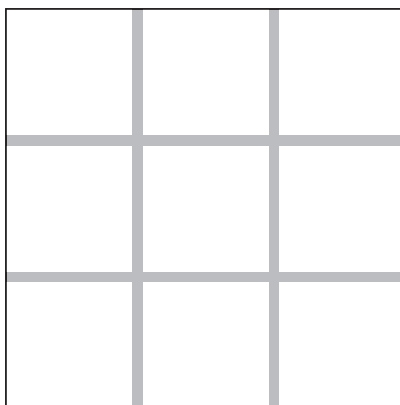
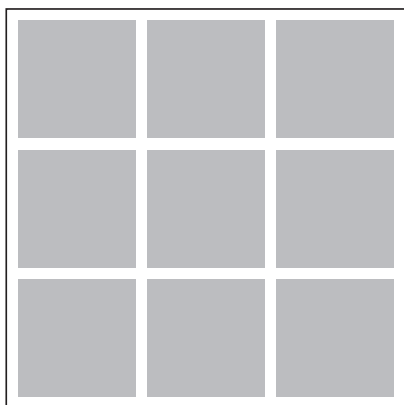
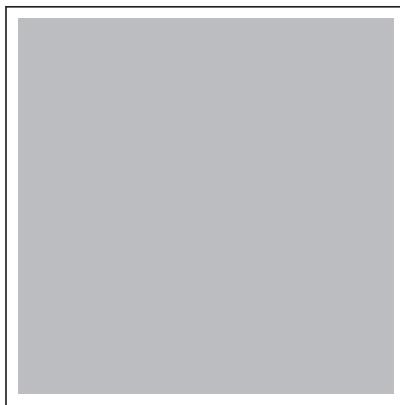


# Tiles

## Perforation features and pattern zone layouts



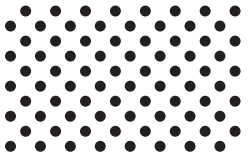
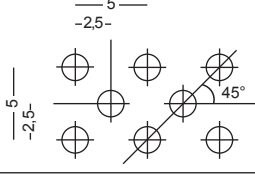
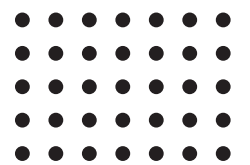
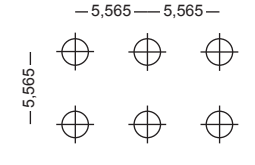
One of main aspects of a metal ceiling is sound absorption; this can be appropriately achieved through its perforation. Various types of perforation designs are available; both standard and decorative.

The main function of the perforated ceiling surface is to achieve acoustical control of the pressure sound waves. Equally important is the unique decorative opportunity a perforation pattern offers.

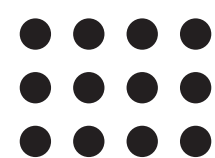
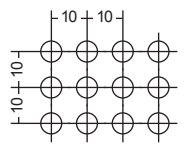

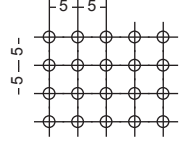
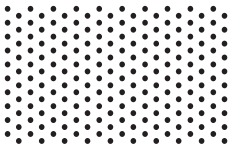
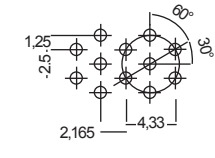
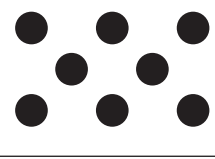
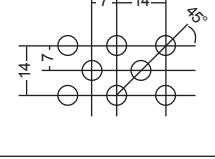
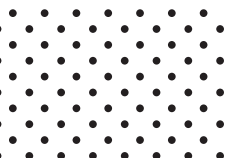
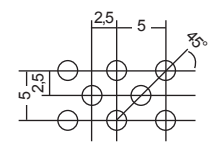
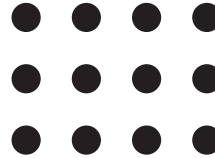
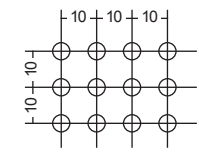
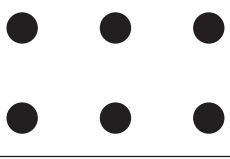
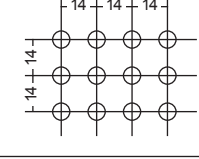
To reach the required optimal acoustic levels, the perforated ceiling panels can be supplied with a black acoustic fleece sound absorbing membrane bonded to the concealed surface.

Dampa offers a wide range of perforation types in various patterns. Our computer controlled presses are both precise and flexible; they can even handle the creation of plain areas in the middle of a perforated surface.

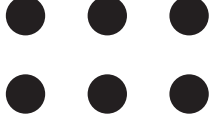
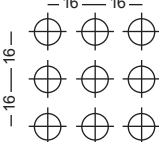
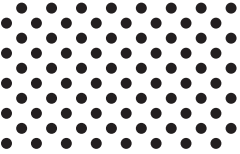
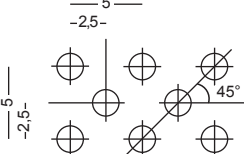

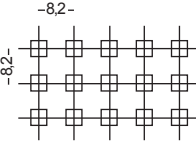
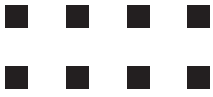
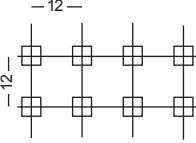

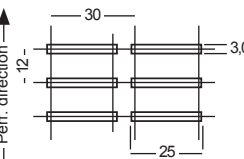
## Standard Perforation Patterns Tiles

	Perforations	Hole MM	Angle	% Open Area		Alu	Steel
AL-15 / ST-15		Ø1.8	45°	20,5%		x	x
AL-25 / ST-25		Ø2.5	90°	16,2%		x	x

## Special Perforation Patterns Tiles

	Perforations	Hole MM	Angle	% Open Area		Alu	Steel
AL-23 / ST-23		Ø6.0	90°	28,3%		x	x
AL-27 / ST-27		Ø1.8	90°	10,2%		x	x
AL-35		Ø1.1	30°/60°	17,6%		x	
AL-12		Ø5	45°	19,5%		x	
AL-19		Ø3,1	45°	10,6%		x	
AL-31		Ø5	90°	19,6%		x	
AL-24		Ø5	90°	10,0%		x	

## Special Perforation Patterns Tiles

	Perforations	Hole MM	Angle	% Open Area		Alu	Steel
AL-36		Ø8.0	90°	19,6%		x	
ST-34		Ø2.0	45°	25%			x
ST-43		3,5x3,5	90°	11,1%			x
ST-44		4x4	90°	11,1%			x
ST-50		3x25	90°	20,6%			x