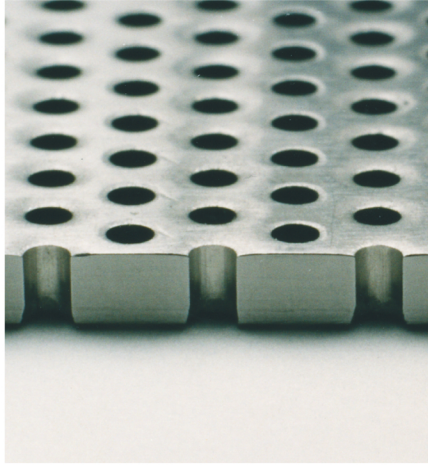


Minus Hole Screens



Nunobiki Manufacturing has gone beyond the perforating restriction that requires screen thickness to equal hole size. We manufacture products whose thickness is greater than their hole size.

Challenge to the limit

When punching stainless steel, the screen thickness was limited to between 80 and 100 percent of the hole size. We researched the possibility of punching screens thicker than the hole size (minus holes). Today, we can punch screens a maximum of 166 percent thicker than the hole size (thickness: 2mm, hole size: 1.2mm).

No.	Thickness (mm)	Hole Size (mm)	Hole Center (mm)	Mesh (□")	Open Area
SP1	0.8	0.63	1.25	477.0	23.0%
SP2	1.0	0.75	1.50	331.0	22.7%
SP3	1.2	0.80	1.70	257.8	20.1%
SP4	1.0	0.85	1.70	257.8	22.6%
SP5	1.2	0.85	1.70	257.8	22.6%
SP6	1.2	0.95	1.90	206.0	22.7%
SP7	1.5	0.95	1.90	206.0	22.7%
SP8	1.2	1.00	2.00	186.0	22.7%
SP9	1.5	1.00	2.00	186.0	22.7%
SP10	1.5	1.10	2.00	186.0	27.4%
SP11	1.5	1.20	2.40	129.2	22.7%
SP12	2.0	1.20	2.40	129.2	22.7%
SP13	2.0	1.50	3.00	82.0	22.7%
SP14	2.5	1.50	3.20	72.8	19.9%
SP15	2.5	1.60	3.48	61.4	19.2%
SP16	3.0	2.00	4.00	46.6	22.7%