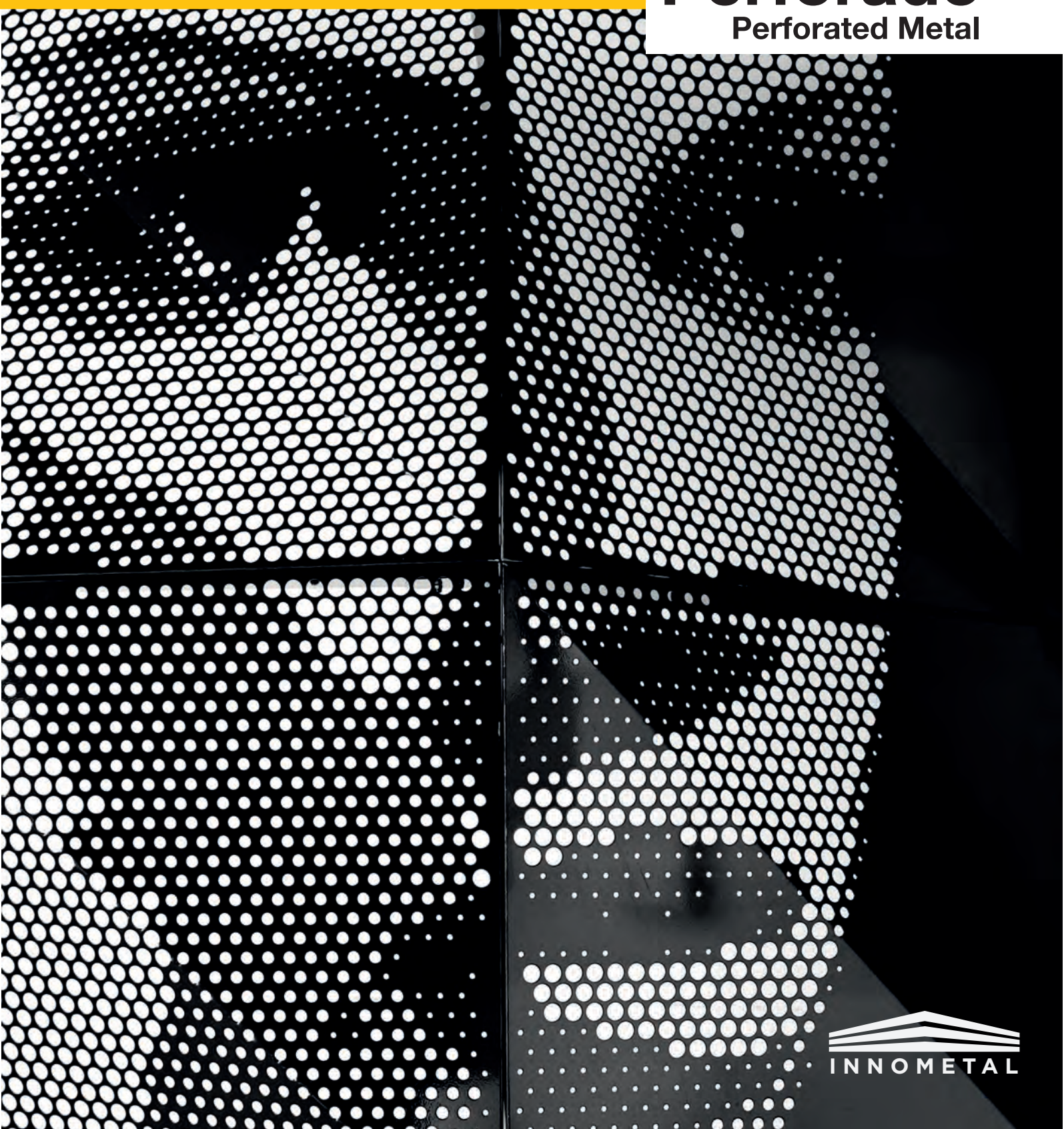
IMAR

01
Metal Perforado
Perforated Metal



INNOMETAL

1.1

Disposición de las perforaciones

Es importante tenerlo en cuenta cuando la aplicación requiere la máxima área perforada con el mínimo debilitamiento de la consistencia de la chapa.
En estos casos la disposición aconsejada es el tresbolillo.

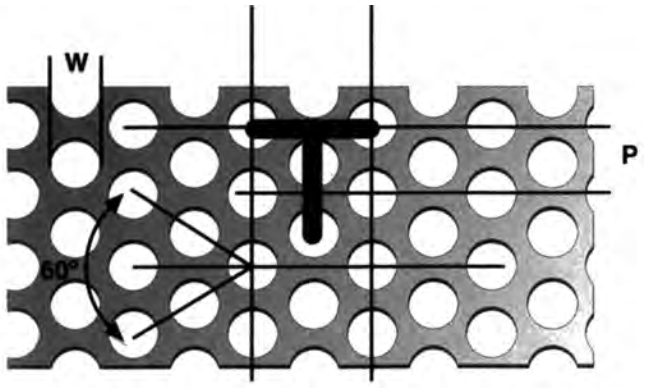
Perforation arrangement

It needs significant consideration when the target application requires maximum perforated area and minimal weakening of the sheet strength. In such cases triangular pitch is recommended.



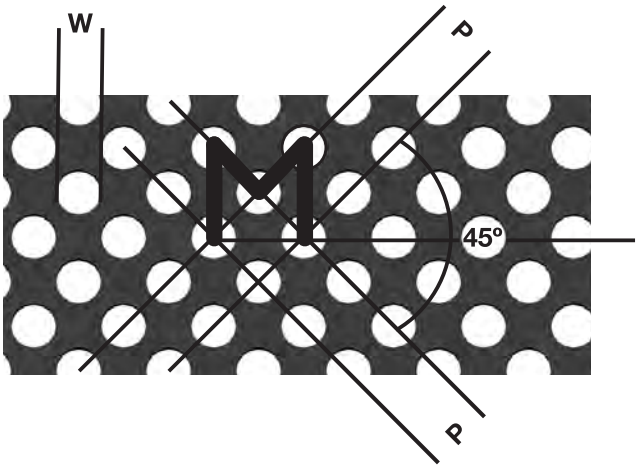
RW TP

Tresbolillo 60º (T)
60º Staggered (T)



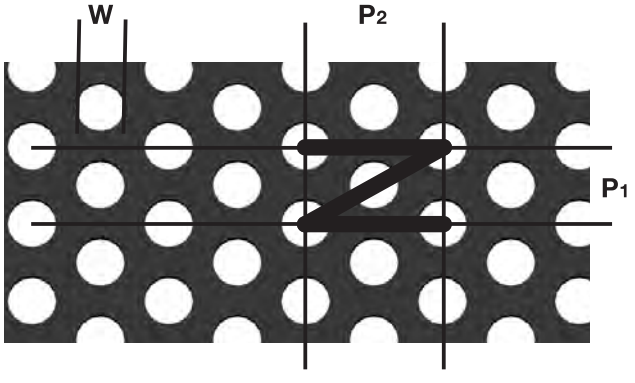
RW MP

Alterno 45º (M)
45º Staggered (M)



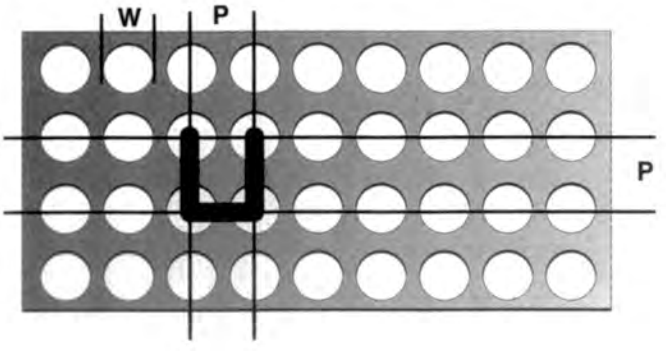
RW Z P1 x P2

Alterno (Z)
Staggered Pitch (Z)



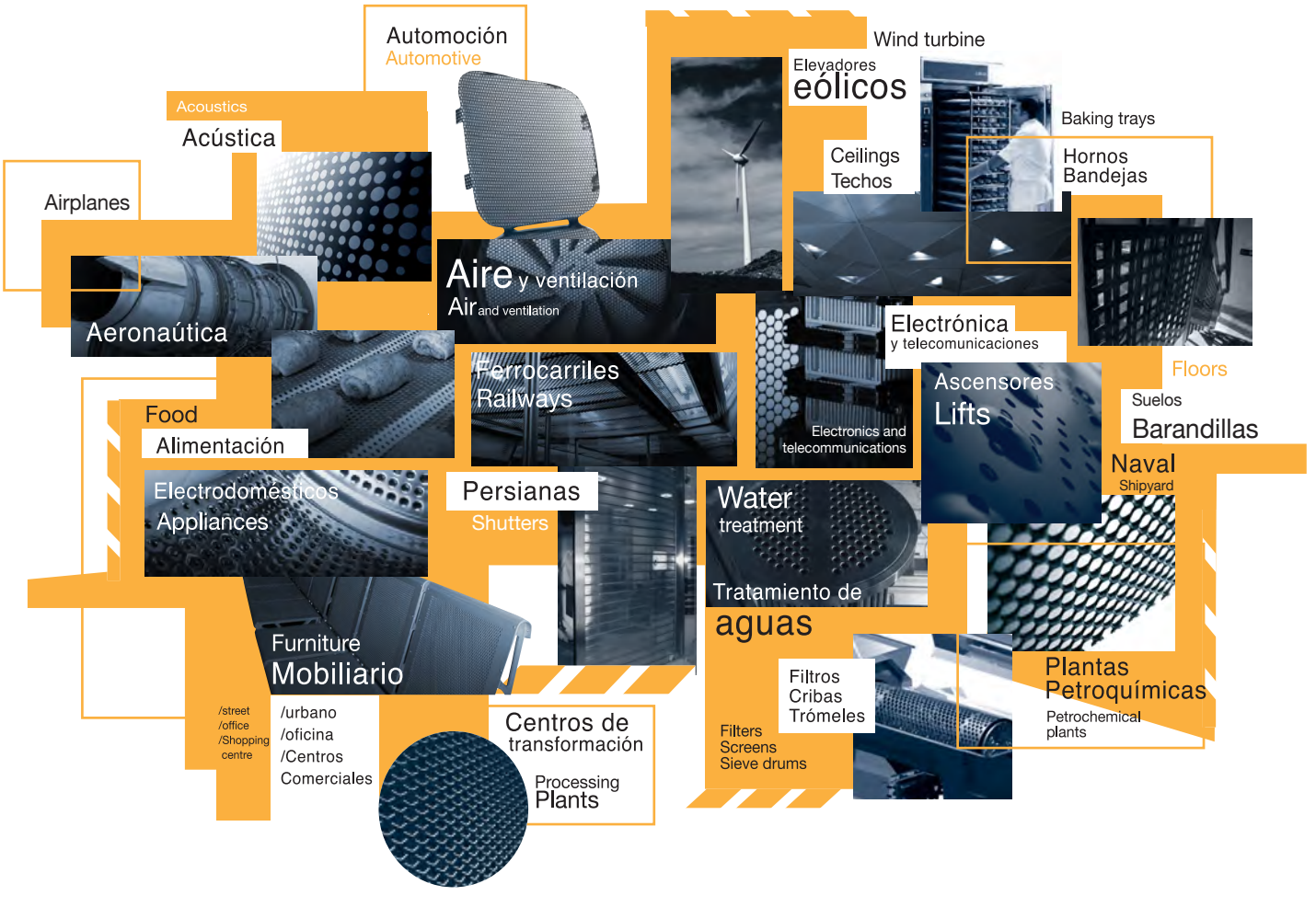
RW UP 2

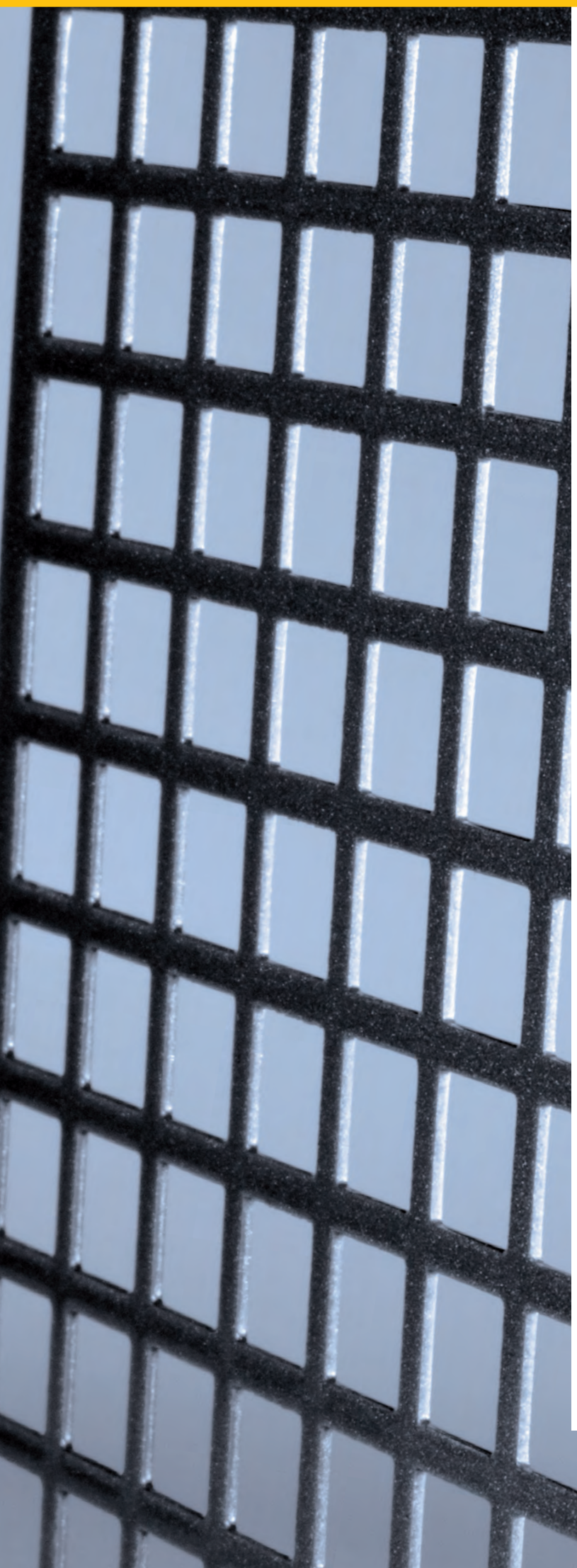
Paralelas (U)
Rectangular Pitch (U)



1.2

Aplicaciones
Aplications





Materiales

• Aceros • Laminado en frío
• Laminado en caliente • Decapado
• Inoxidable • Prelacado
• Galvanizado • Electrocincado
• Aluminio • Latón • Cobre

Materials

• Steel • Cold-rolled steel
• Hot-rolled steel • Pickled steel
• Stainless steel • Pre-lacquered
• Galvanised steel • Aluminium
• Zinc-electroplated steel • Brass
• Copper

Espesores

Hasta 15 mm.

Thickness

Up to 15 mm.-thick

Medidas de las perforaciones

Según sus necesidades

Measures of the perforation

As per requirements

Dimensiones

Hasta 6.000 x 2.000 mm.

Size

Up to 6.000 x 2.000 mm.

1.3

Área perforada

Además de la estética, el área perforada es fundamental en ciertas aplicaciones como en filtros, cribas, ventilación, acústica, paso de aire/calor/iluminación, etc.
A continuación se ofrecen las fórmulas para su cálculo.

Superficie libre (%)

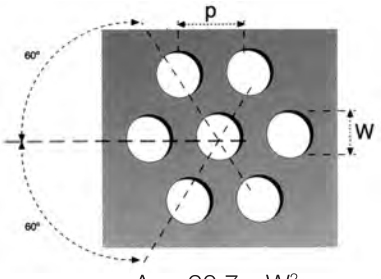
Perforated area

Beyong aesthetics, the perforated area is essential in many applications such as filters, sieves, ventilation systems, acoustics, air/heat/light pass through, etc.
Calculation formulae are shown next.

Open area (%)

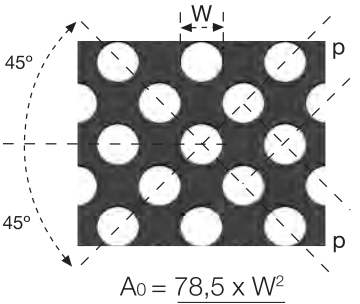
Redondos
Rounded

TRESBOLILLO 60º (T)
60º STAGGERED (T)



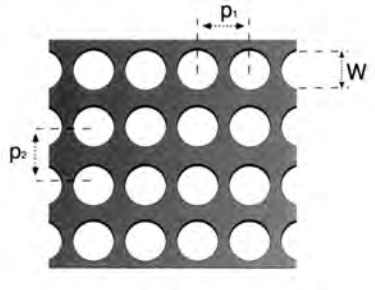
$$A_0 = \frac{90{,}7 \times W^2}{p^2}$$

ALTERNO 45º (M)
45º STAGGERED (M)



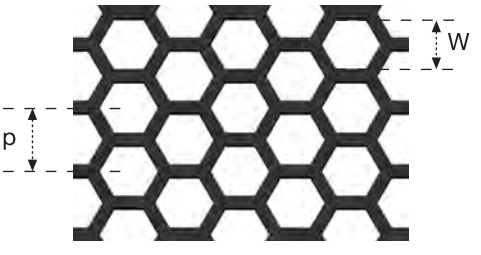
$$A_0 = \frac{78{,}5 \times W^2}{p^2}$$

LÍNEAS PARALELAS (U)
RECTANGULAR PITCH (U)



$$A_0 = \frac{78{,}5 \times W^2}{p_1 \times p_2}$$

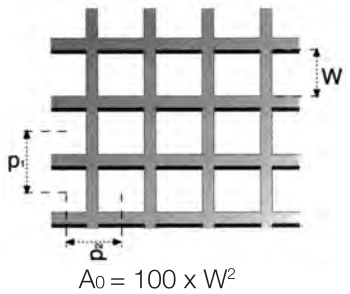
Hexágonos
Hexagons



$$A_0 = 100\,\frac{W^2}{p^2}$$

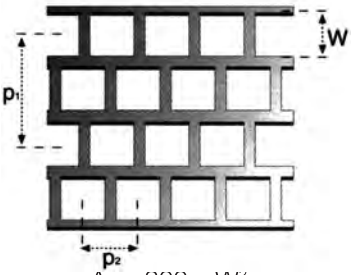
Cuadrados y Cuadrados en diagonal
Square and Diagonal Square holes

PARALELOS (U)
RECTANGULAR PITCH (U)



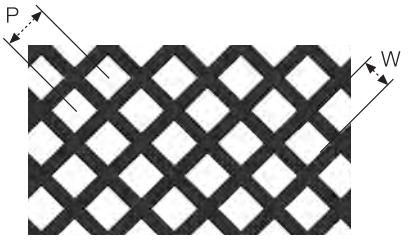
$$A_0 = \frac{100 \times W^2}{p_1 \times p_2}$$

ALTERNOS (Z)
STAGGERED PITCH (Z)



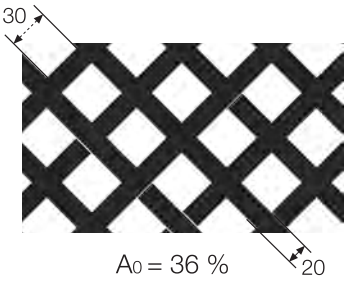
$$A_0 = \frac{200 \times W^2}{p_1 \times p_2}$$

CUADRADO DIAGONAL
DIAGONAL
DIAGONAL SQUARE



$$A_0 = \frac{100 \times W^2}{p^2}$$

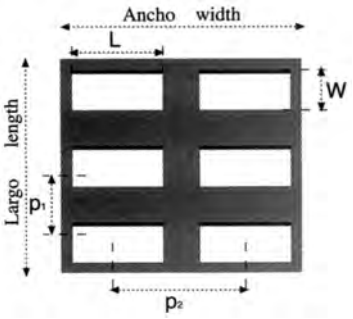
CUADRADO DIAGONAL TRENZADO D 1.000
BRAIDED DIAGONAL SQUARE D 1.000



$A_0 = 36\ \%$

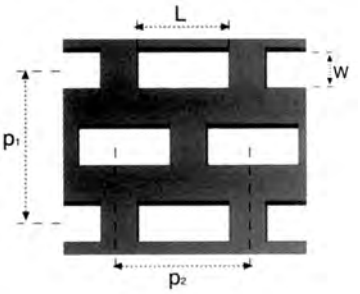
Largos Cuadrados
Square end Slots

PARALELOS (U)
RECTANGULAR PITCH (U)



$$A_0 = \frac{100 \times W.L}{p_1 \times p_2}$$

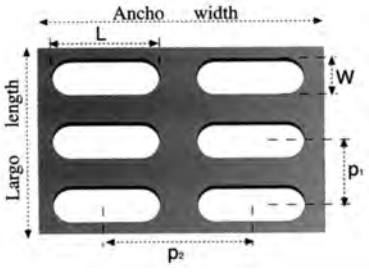
ALTERNOS (Z)
STAGGERED PITCH (Z)



$$A_0 = \frac{200 \times W.L}{p_1 \times p_2}$$

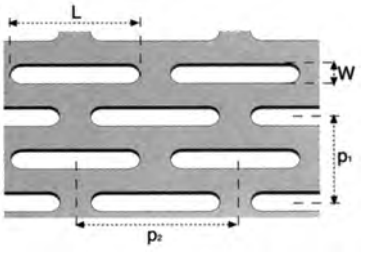
Largos Redondeados
Round end Slots

PARALELOS (U)
RECTANGULAR PITCH (U)



$$A_0 = \frac{100 \times W \times L - 21{,}5W}{p_1 \times p_2}$$

ALTERNOS (Z)
STAGGERED PITCH (Z)



$$A_0 = \frac{200 \times W \times L - 43W}{p_1 \times p_2}$$

1.4

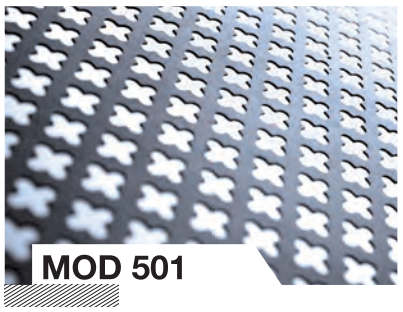
Abocardados
Flared

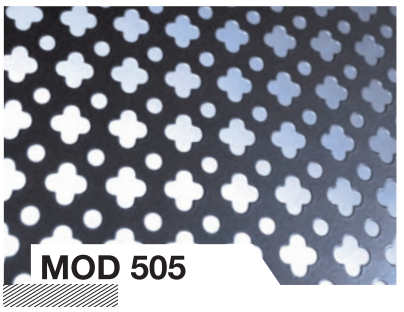


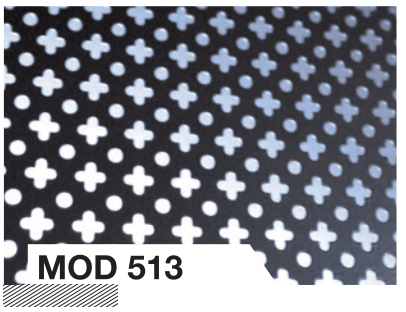


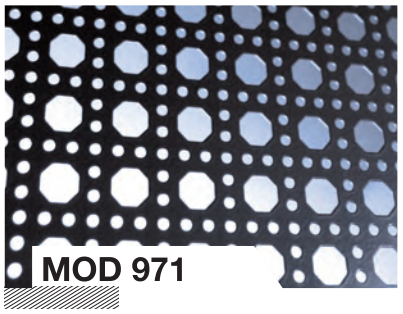
1.5

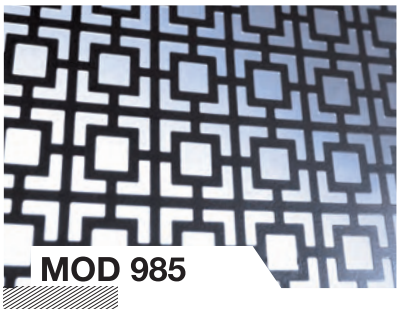
Decorativas
Decorative


MOD 501


MOD 505


MOD 513


MOD 971

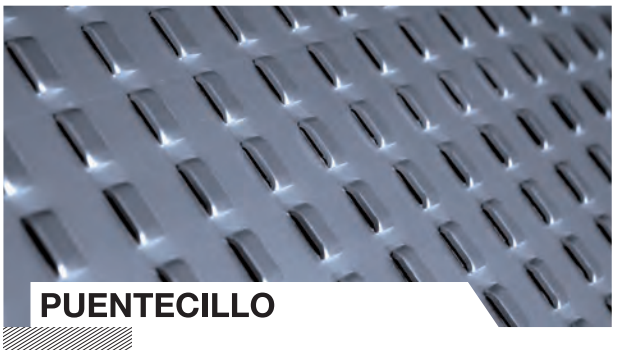

MOD 985

1.6

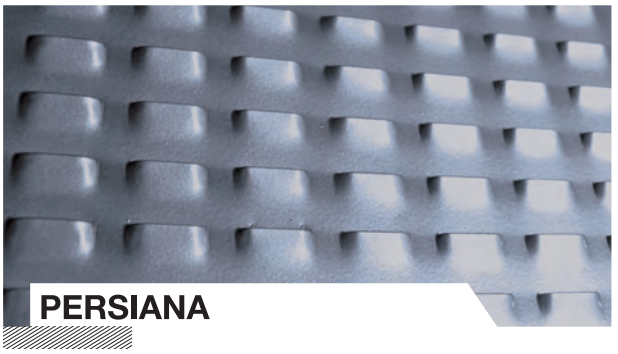
Specials perforations
Perforaciones especiales



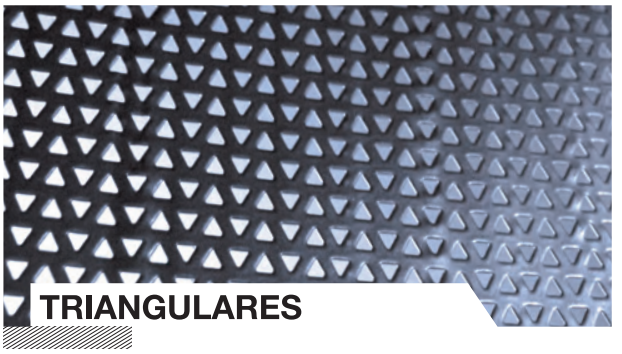
AJEDREZ



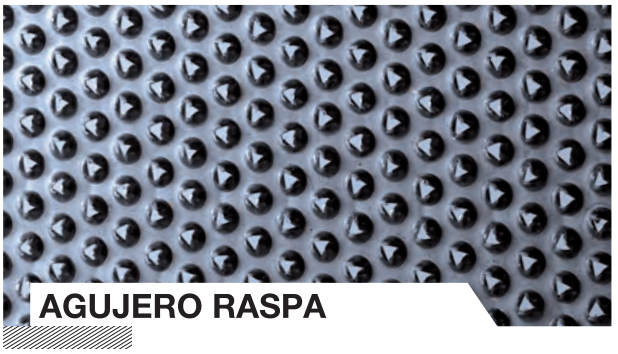
PUENTECILLO



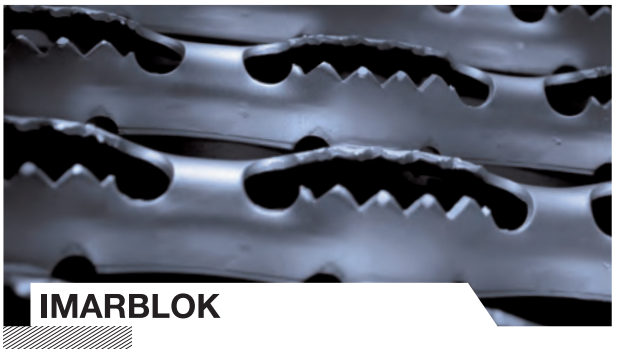
PERSIANA



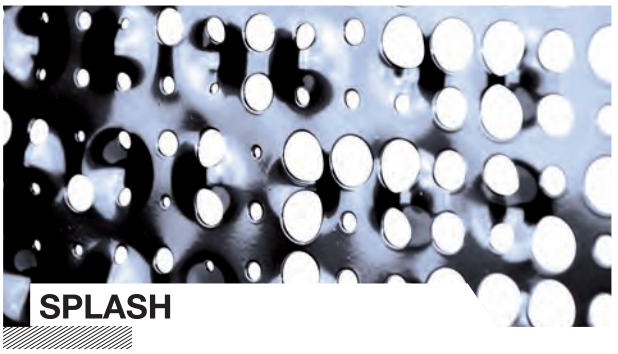
TRIANGULARES



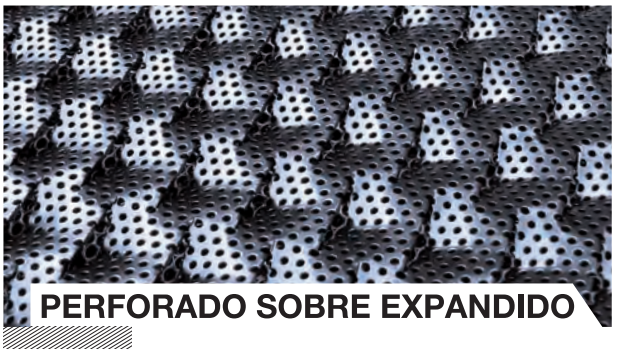
AGUJERO RASPA



IMARBLOK



SPLASH



PERFORADO SOBRE EXPANDIDO

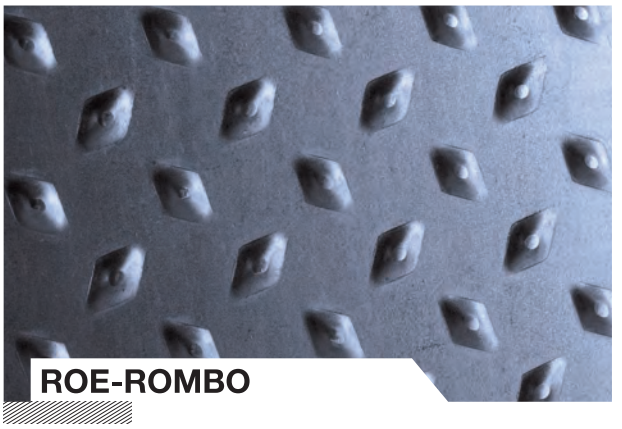
1.7

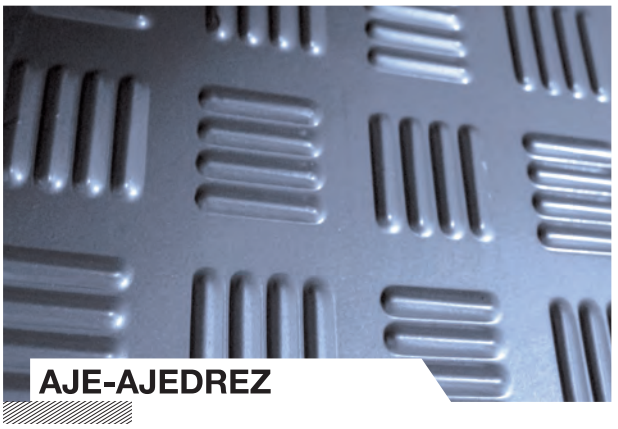
Estampados
Embossed

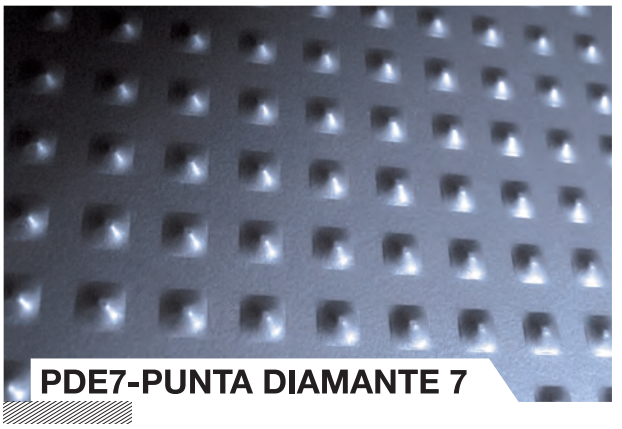

L2- LAGRIMADO

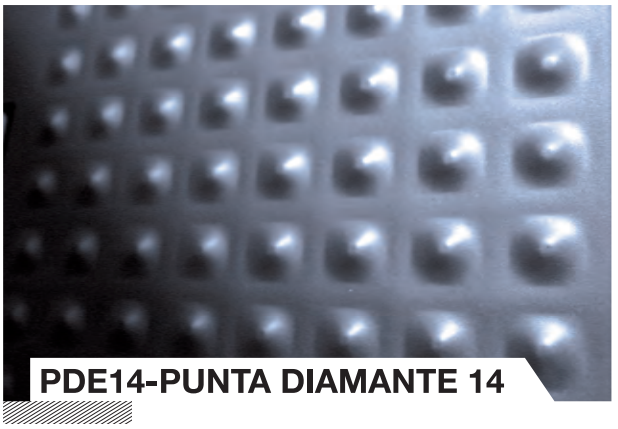

L6-ESTRIADO


LRE-LARGO REDONDEADO


ROE-ROMBO


AJE-AJEDREZ


PDE7-PUNTA DIAMANTE 7



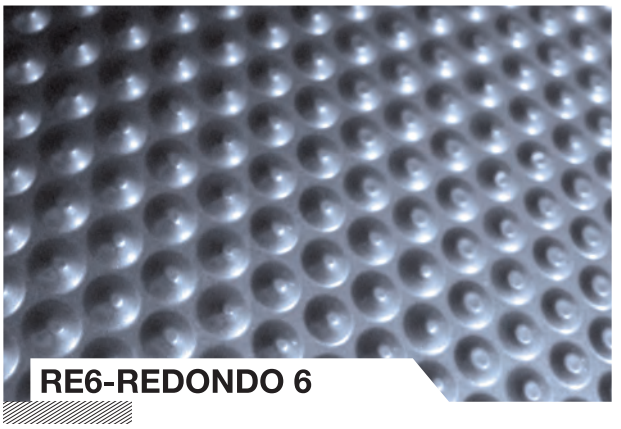
PDE14-PUNTA DIAMANTE 14



PDED-PUNTA DIAMANTE 20
DIAGONAL



RE3-REDONDO 3



RE6-REDONDO 6



D1000-EFECTO TRENZADO



GRANDES

IMAR

