

# CHAPA PERFORADA

## CARACTERÍSTICAS GENERALES

La Chapa Perforada surge del proceso de estampado en frío de una lámina. Su aplicación se extiende a un sin número de actividades, como la agrícola, minera, molinera, la arquitectura, la pesca, y otros sectores de la industria. Entre otros usos se pueden mencionar: separadores, clasificadores, secadoras, decantadoras, lavadoras de granos, semillas y frutos, cribas para molinos, tamices, bandejas de panificación y confituras, ventilación, zarandas para clasificación de piedras, cribas vibratorias y tamices, frentes de edificios, cielorrasos, puertas, ventanas, frente de radiadores o estufas, mobiliario, rejas, artículos de iluminación. La versatilidad y confiabilidad de la chapa perforada otorga una variedad de aplicaciones que no pueden limitarse solo a las nombradas.

Una extensa variedad de perforaciones, redondas, cuadradas, oblongas, decorativas, y otras fabricadas sobre pedido, ya sea vía matricería existente de nuestras prensas de perforado, o bien sobre pedido gracias a tecnología que nos permite realizar perforaciones acorde a planos provistos por nuestros clientes, sumado a la variedad de materiales y espesores pasibles de ser procesados por nuestra maquinaria, arroja una cantidad de modelos de productos que no puede ser contenido y mostrado en el presente catálogo, el cual es una suerte de guía solo a efecto orientativo conteniendo los productos en stock permanente.

## IDENTIFICACION

AL: AREA LIBRE

L: LADO

R: REDONDO



D: DISTANCIA

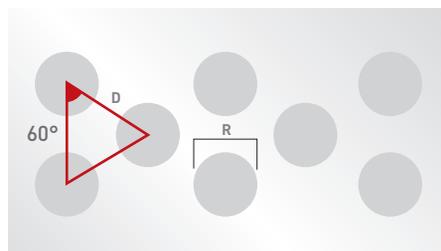
LR: LADO REDONDO

P: PASO

LT: LADO TAJO

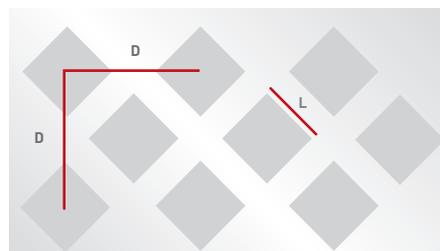
## DISPOSICION DE LAS PERFORACIONES Y CALCULOS DE AREAS LIBRES

### REDONDA TRESBOLILLO 60°



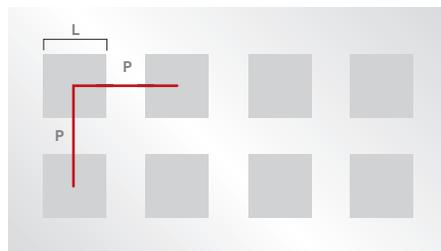
$$\triangleright AL = 0.906 \times \left(\frac{R}{D}\right)^2$$

### CUADRADAS EN DIAGONAL EN FILA



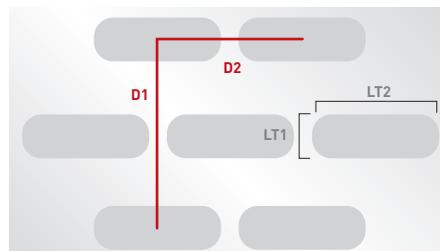
$$\triangleright AL = 2 \times \left(\frac{LD}{D}\right)^2$$

### CUADRADA EN FILA



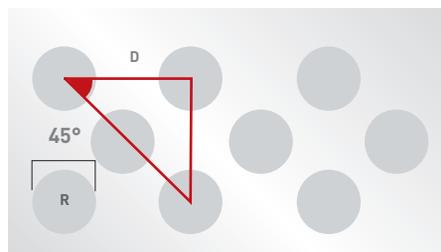
$$\triangleright AL = \left(\frac{L}{P}\right)^2$$

### OBLONGA TRABADO



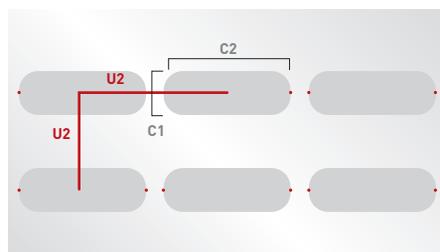
$$\triangleright AL = 2 \times \frac{LT1 \times LT2 - 0.43 \times LR^2}{D1 \times D2}$$

### REDONDA TRESBOLILLO 45°



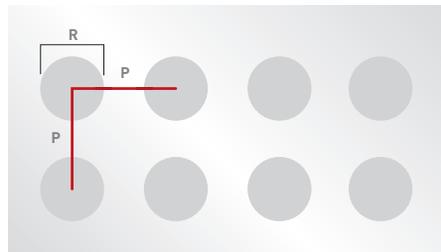
$$\triangleright AL = 1.57 \times \left(\frac{R}{D}\right)^2$$

### OBLONGA PARALELA



$$\triangleright AL = \frac{LC1 \times LC2 - 0.215 \times LR^2}{U1 \times U2}$$

### REDONDA EN FILA

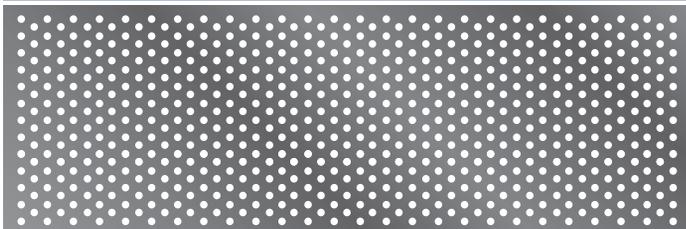


$$\triangleright AL = 0.785 \times \left(\frac{R}{P}\right)^2$$

# CHAPA PERFORADA

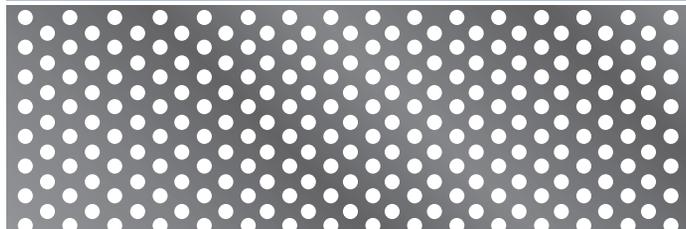
## ▶ REDONDA 1.00 mm

DIMENSION PERFORACION 1.00 MM  
E/C: 2.00 MM | AREA LIBRE: 23 %  
CALIBRE: 24 | 22 | 20



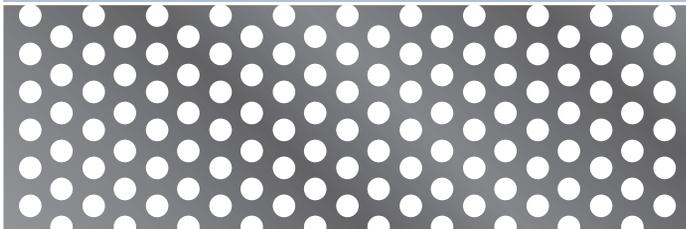
## ▶ REDONDA 2.00 mm

DIMENSION PERFORACION 2.00 MM  
E/C: 4.00 MM | AREA LIBRE: 23 %  
CALIBRE: 24 | 22 | 20 | 18 | 16 | 14



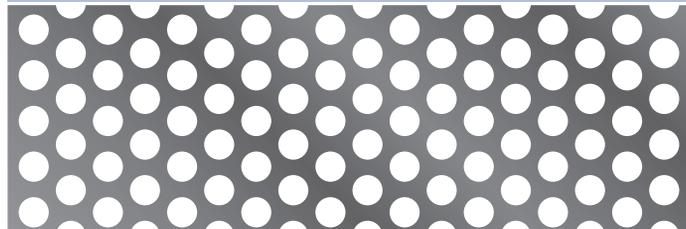
## ▶ REDONDA 3.00 mm

DIMENSION PERFORACION 3.00 MM  
E/C: 5.00 MM | AREA LIBRE: 33 %  
CALIBRE: 22 | 20 | 18 | 16 | 14 | 10



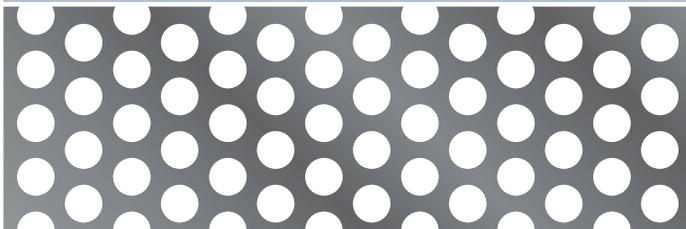
## ▶ REDONDA 4.00 mm

DIMENSION PERFORACION 4.00 MM  
E/C: 6.00 MM | AREA LIBRE: 40 %  
CALIBRE: 22 | 20 | 18 | 16 | 14 | 10



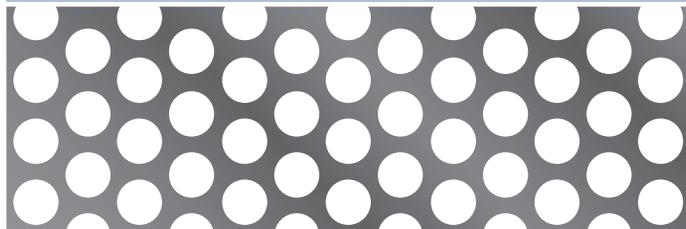
## ▶ REDONDA 5.00 mm

DIMENSION PERFORACION 5.00 MM  
E/C: 7.00 MM | AREA LIBRE: 46 %  
CALIBRE: 22 | 20 | 18 | 16 | 14 | 10



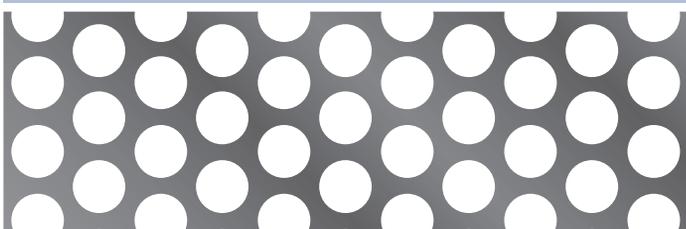
## ▶ REDONDA 6.00 mm

DIMENSION PERFORACION 6.00 MM  
E/C: 8.00 MM | AREA LIBRE: 51 %  
CALIBRE: 22 | 20 | 18 | 16 | 14 | 10



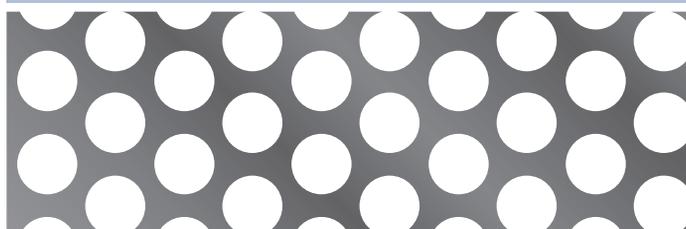
## ▶ REDONDA 7.00 mm

DIMENSION PERFORACION 7.00 MM  
E/C: 9.00 MM | AREA LIBRE: 55 %  
CALIBRE: 22 | 20 | 18



## ▶ REDONDA 8.00 mm

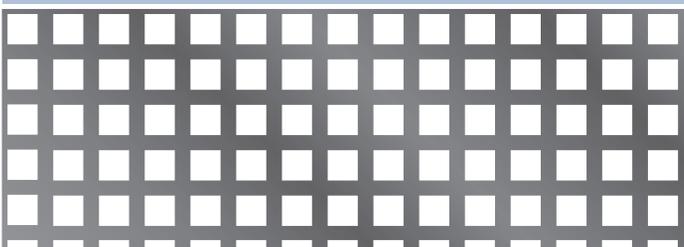
DIMENSION PERFORACION 8.00 MM  
E/C: 11.00 MM | AREA LIBRE: 48 %  
CALIBRE: 22 | 20 | 18 | 16 | 14 | 10



# CHAPA PERFORADA

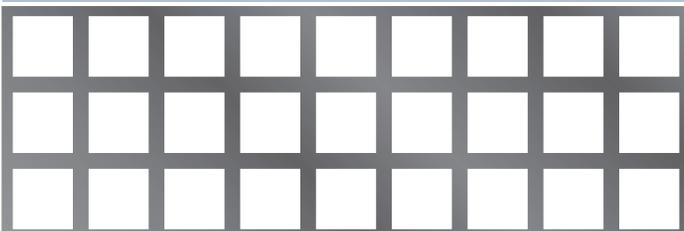
## ▶ CUADRADA 4.00 mm

DIMENSION PERFORACION LADO 4.00 MM  
E/C: 6.00 MM | AREA LIBRE: 60 %  
CALIBRE: 22 | 20 | 18 | 16 | 14



## ▶ CUADRADA 8.00 mm

DIMENSION PERFORACION LADO 8.00 MM  
E/C: 11.00 MM | AREA LIBRE: 73 %  
CALIBRE: 22 | 20 | 18 | 16



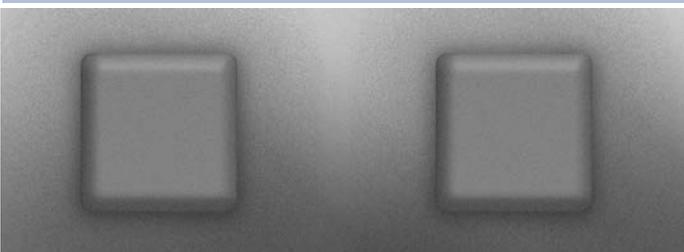
## ▶ CUADRADA 20.00 mm

DIMENSION PERFORACION LADO 20.00 MM  
E/C: 25.00 MM | AREA LIBRE: 80 %  
CALIBRE: 20 | 18 | 16 | 14



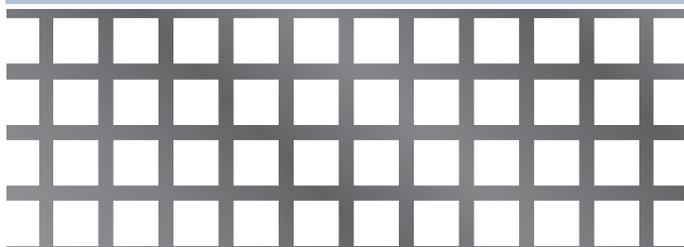
## ▶ ESTAMPADO CUADRADO EN FILA

DIMENSION ESTAMPADO LADO 20.00 MM  
E/C: 50.00 MM | AREA LIBRE: 0 %  
CALIBRE: 20 | 18 | 16



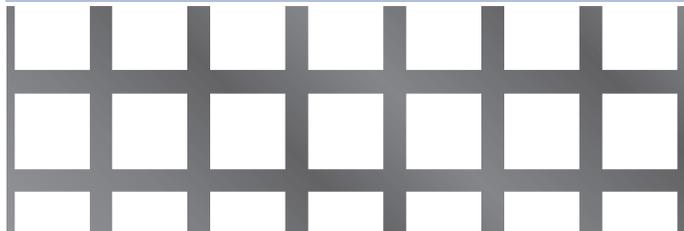
## ▶ CUADRADA 6.00 mm

DIMENSION PERFORACION LADO 6.00 MM  
E/C: 8.00 MM | AREA LIBRE: 75 %  
CALIBRE: 22 | 20 | 18



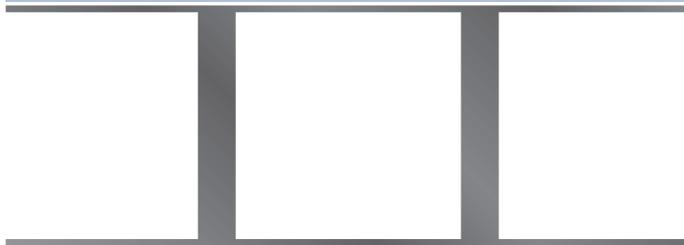
## ▶ CUADRADA 10.00 mm

DIMENSION PERFORACION LADO 10.00 MM  
E/C: 13.00 MM | AREA LIBRE: 77 %  
CALIBRE: 22 | 20 | 18



## ▶ CUADRADA 30.00 mm

DIMENSION PERFORACION LADO 30.00 MM  
E/C: 35.00 MM | AREA LIBRE: 86 %  
CALIBRE: 20 | 18 | 16 | 14



## ▶ ESTAMPADO REDONDO EN FILA

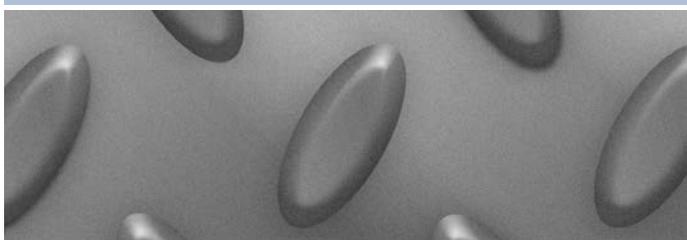
DIMENSION ESTAMPADO DIAMETRO 20.00 MM  
E/C: 50.00 MM | AREA LIBRE: 0 %  
CALIBRE: 20 | 18 | 16



# CHAPA PERFORADA

## ▶ ESTAMPADO BASTON TRABADO

DIMENSION ESTAMPADO LADO 27.00 \* 6.00 MM  
E/C: 40.00 MM | AREA LIBRE: 0 %  
CALIBRE: 16 | 14 | 10



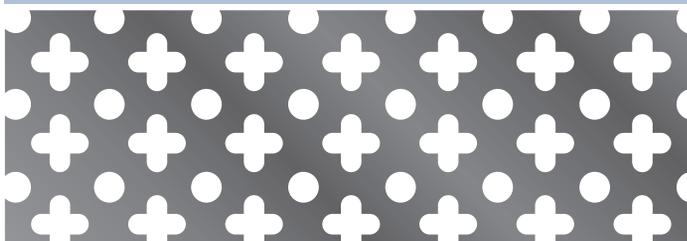
## ▶ DECORATIVA TREBOL CHICO

DIMENSION PERFORACION LADO 5.00 MM  
E/C: 8.5 MM | AREA LIBRE: 59 %  
CALIBRE: 22 | 20 | 18



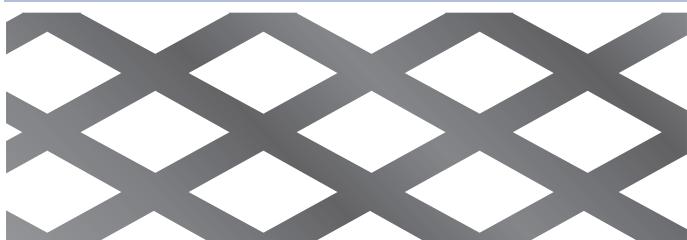
## ▶ DECORATIVA TREBOL COMBINADO

DIMENSION PERFORACION LADO 30.00 MM  
E/C: 35.00 MM | AREA LIBRE: 73 %  
CALIBRE: 22 | 20 | 18



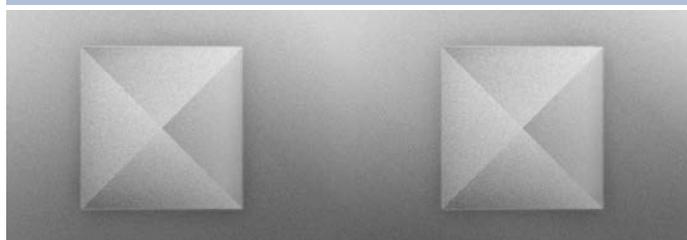
## ▶ DECORATIVA ROMBO

DIMENSION PERFORACION LADO 40.00 MM  
DIAGONAL MAYOR: 17.00 MM | DIAGONAL MENOR: 9.00 MM  
E/B: 4.00 MM | AREA LIBRE: 40 % | CALIBRE: 22 | 20 | 18



## ▶ ESTAMPADO DIAMANTE EN FILA

DIMENSION ESTAMPADO LADO 20.00 MM  
E/C: 50.00 MM | AREA LIBRE: 0 %  
CALIBRE: 18 | 16 | 14



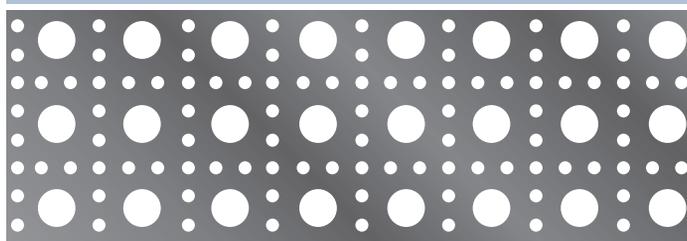
## ▶ DECORATIVA TREBOL

DIMENSION PERFORACION LADO 40.00 MM  
E/C: 55.00 MM | AREA LIBRE: 64 %  
CALIBRE: 22 | 20 | 18



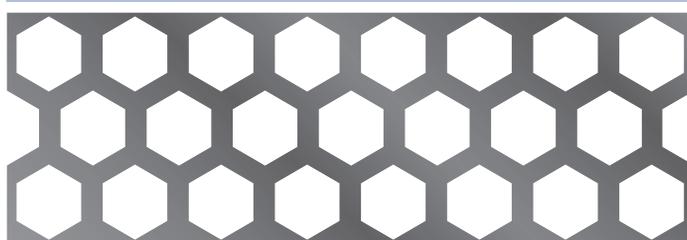
## ▶ DECORATIVA ESTERILLA

DIMENSION PERFORACION LADO 50.00 MM  
E/C: 70.00 MM | AREA LIBRE: 51 %  
CALIBRE: 22 | 20 | 18



## ▶ DECORATIVA HEXAGONO

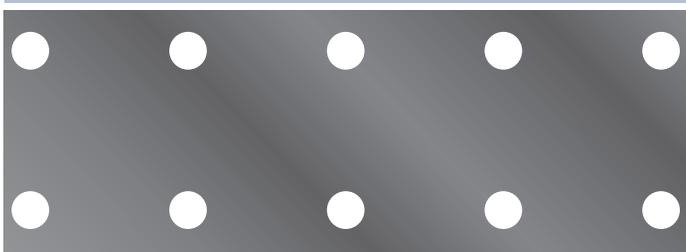
DIMENSION PERFORACION DIAMETRO 15.00 MM  
E/C: 17.00 MM | AREA LIBRE: 40 %  
CALIBRE: 22 | 20 | 18



# CHAPA PERFORADA

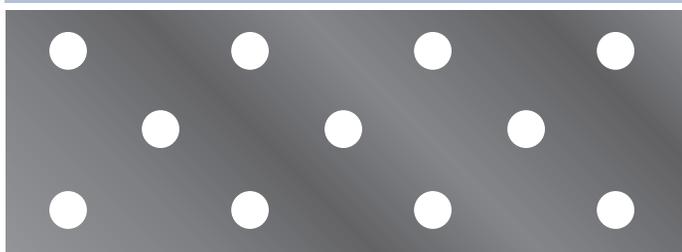
## ▶ REDONDO TRIPLE SALTO FILA

DIMENSION PERFORACION 5.00 MM  
E/C: 24.00 MM | AREA LIBRE: 3 %  
CALIBRE: 22 | 20 | 18

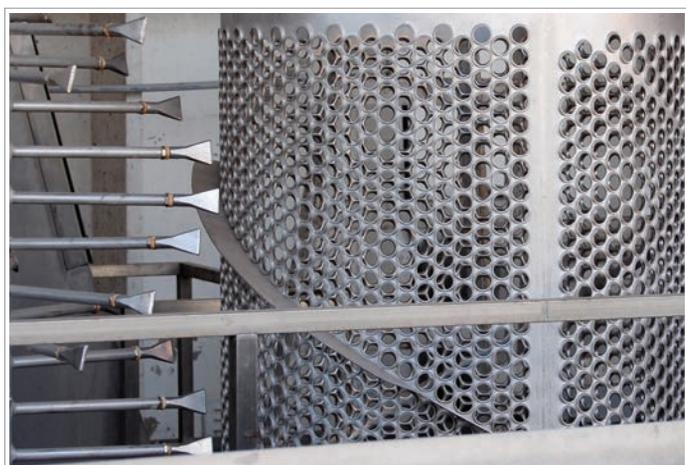


## ▶ REDONDO DOBLE SALTO TRABADO

DIMENSION PERFORACION 5.00 MM  
E/C: 24.00 MM | AREA LIBRE: 7 %  
CALIBRE: 22 | 20 | 18



## PERFORACIONES PARA USOS INDUSTRIALES Y DECORATIVOS



### CHAPA PERFORADA ABOCARDADA

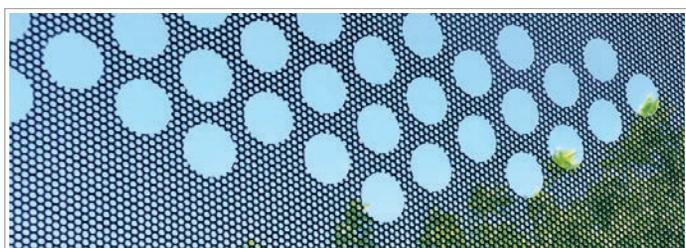
utilizada para filtros en la industria vitivinícola.



### CHAPA PERFORADA REDONDA

utilizada para diseño de mobiliario y decoración.

## PERFORACIONES SECCIONALES



ETC SA brinda a sus clientes el servicio de perforaciones especiales en chapa perforada generando más posibilidades de creatividad en la terminación de sus productos. La innovación en la perforación de chapa permite aplicar el producto en hogares, stands y locales, piezas de auto partes con medidas de ajuste milimétricas, como así en el diseño de muebles, diseño industrial y arquitectura generando diseños especiales y a medida para su óptima utilización y la mayor seguridad del producto.

# CHAPA PERFORADA TABLA DE PERFORACIONES REDONDAS ESTANDAR

## TRABADO DISPOSICION 60 GRADOS

● Sigla que representa la disponibilidad de perforaciones.

PERFORACION REDONDA	ENTRE CENTRO P	AREA LIBRE	▶ CALIBRES BWG / ESPESOR MM.													
			24 0.56	22 ▶ 0.71▶	20 0.89	1 1	18 1.25	1.5 1.50	16 1.60	14 2.0	12 2.50	3 3.0	1/8 3.20	4 4.0	3/16 4.75	1/4 6.35
● 0,75	1,8	16	●	●	●											
● 1	2	23	●	●	●	●										
● 1,25	2,25	28	●	●	●											
● 1,5	3	23	●	●	●	●	●	●								
● 1,75	3,2	27	●	●	●	●	●									
● 2	4	23	●	●	●	●	●	●	●	●						
● 2,25	4	29	●	●	●	●	●	●	●							
● 2,5	4	35	●	●	●	●	●	●	●							
● 2,75	4	43	●	●	●	●	●	●	●							
● 3	5	33		●	●	●	●	●	●	●						
● 3	6	23								●	●	●	●			
● 3,25	5	38		●	●	●	●	●	●	●						
● 3,5	5	44		●	●	●	●	●								
● 3,5	6	31		●	●	●	●	●								
● 3,75	6	35		●	●	●	●	●	●	●						
● 4	6	40		●	●	●	●	●	●	●						
● 4	7	29									●	●	●			
● 4,25	6	46		●	●	●	●	●	●							
● 4,5	6	51		●	●	●	●	●	●							
● 4,75	6	57		●	●	●	●	●	●							
● 5	7	46		●	●	●	●	●	●	●						
● 5	8	35									●	●	●	●		
● 5,25	7	51		●	●	●	●	●	●	●	●	●	●			
● 5,5	7	56		●	●	●	●	●	●	●		●	●			
● 5,75	7	61		●	●	●	●	●	●			●	●			
● 6	8	51		●	●	●	●	●	●	●						
● 6	9	40		●	●	●	●	●			●	●	●			
● 6	10	33												●	●	

## CHAPA PERFORADA TABLA DE PERFORACIONES REDONDAS ESTANDAR TRABADO DISPOSICION 60 GRADOS

● Sigla que representa la disponibilidad de perforaciones.

PERFORACION REDONDA	ENTRE CENTRO P	AREA LIBRE	CALIBRES BWG / ESPESOR MM.													
			24 0.56	22 0.71	20 0.89	1 1	18 1.25	1.5 1.50	16 1.60	14 2.0	12 2.50	3 3.0	1/8 3.20	4 4.0	3/16 4.75	1/4 6.35
● 6,5	16	15		●	●	●	●	●								
● 7	10	44								●	●	●	●			
● 7	9	55		●	●	●	●	●	●							
● 8	11	48		●	●	●	●	●	●	●	●	●	●			
● 8	13	34										●	●	●		
● 8	15	26										●	●	●	●	●
● 9	12	51		●	●	●	●	●	●	●	●	●	●			
● 9	14	37		●	●	●	●	●	●	●	●	●	●			
● 10	14	46		●	●	●	●	●	●	●	●	●	●			
● 10	16	35			●							●	●	●	●	●
● 11	16	43		●	●	●	●	●	●	●						
● 12	17	45		●	●	●	●	●	●	●	●	●	●	●		
● 12	18	40												●	●	●
● 13	18	47		●	●	●	●	●	●							
● 14	18	55		●	●	●	●	●	●							
● 15	18	63		●	●	●	●	●	●	●	●	●	●			
● 16	20	58		●	●	●	●	●		●	●	●	●			
● 18	27	40				●	●	●	●							
● 20	27	50				●	●	●	●	●	●	●	●			
● 22	28	56				●	●	●	●							
● 25	34	49				●	●	●	●	●	●	●	●			
● 28	35	58				●	●	●	●							
● 50	62	59				●	●	●	●	●		●	●			

## CHAPA PERFORADA TABLA DE PERFORACIONES ESTANDAR REDONDAS EN FILA

● ■ Sigla que representa la disponibilidad de perforaciones.

PERFORACION REDONDA	ENTRE CENTRO P	AREA LIBRE	CALIBRES BWG / ESPESOR MM.													
			24	22 ▶	20	1	18	1.5	16	14	12	3	1/8	4	3/16	1/4
			0.56	0.71▶	0.89	1	1.25	1.50	1.60	2.0	2.50	3.0	3.20	4.0	4.75	6.35
● 2	7	20	●	●	●	●	●	●	●							
● 3	9	28		●	●	●	●	●	●	●						
● 3	10	20								●	●	●	●			
● 4	10	35		●	●	●	●	●	●	●						
● 4	12	26									●	●	●			
● 5	12	40		●	●	●	●	●	●	●						
● 5	14	31								●	●	●	●			
● 6	14	44		●	●	●	●	●	●	●						
● 8	19	42		●	●	●	●	●	●	●	●	●	●			
● 8	22	30										●	●			
● 8	26	22										●	●	●	●	●
● 9	21	44		●	●	●	●	●	●	●	●	●	●			
● 10	24	40		●	●	●	●	●	●	●	●	●	●			
● 10	28	31			●							●	●	●	●	●
● 11	28	37		●	●	●	●	●	●							
● 12	29	39		●	●	●	●	●	●	●	●	●	●	●		

## CHAPA PERFORADA ESTANDAR CUADRADA EN FILA

■ 4	6	44		■	■	■	■	■	■							
■ 6	8	56		■	■	■	■									
■ 8	11	53		■	■	■	■	■	■							
■ 10	13	59		■	■	■	■									
■ 10	15	44		■	■	■	■	■	■	■						
■ 10	20	25		■	■	■	■	■	■	■						
■ 20	25	64			■	■	■	■	■	■						
■ 20	40	25			■	■	■	■	■	■						
■ 20	60	11			■	■	■	■	■	■						
■ 30	35	73			■	■	■	■	■	■						

