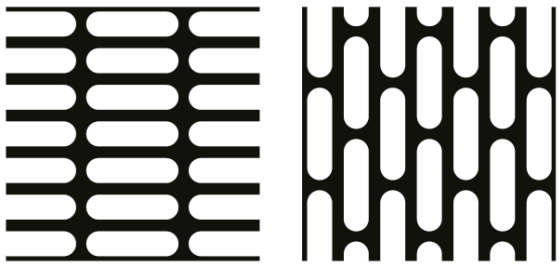
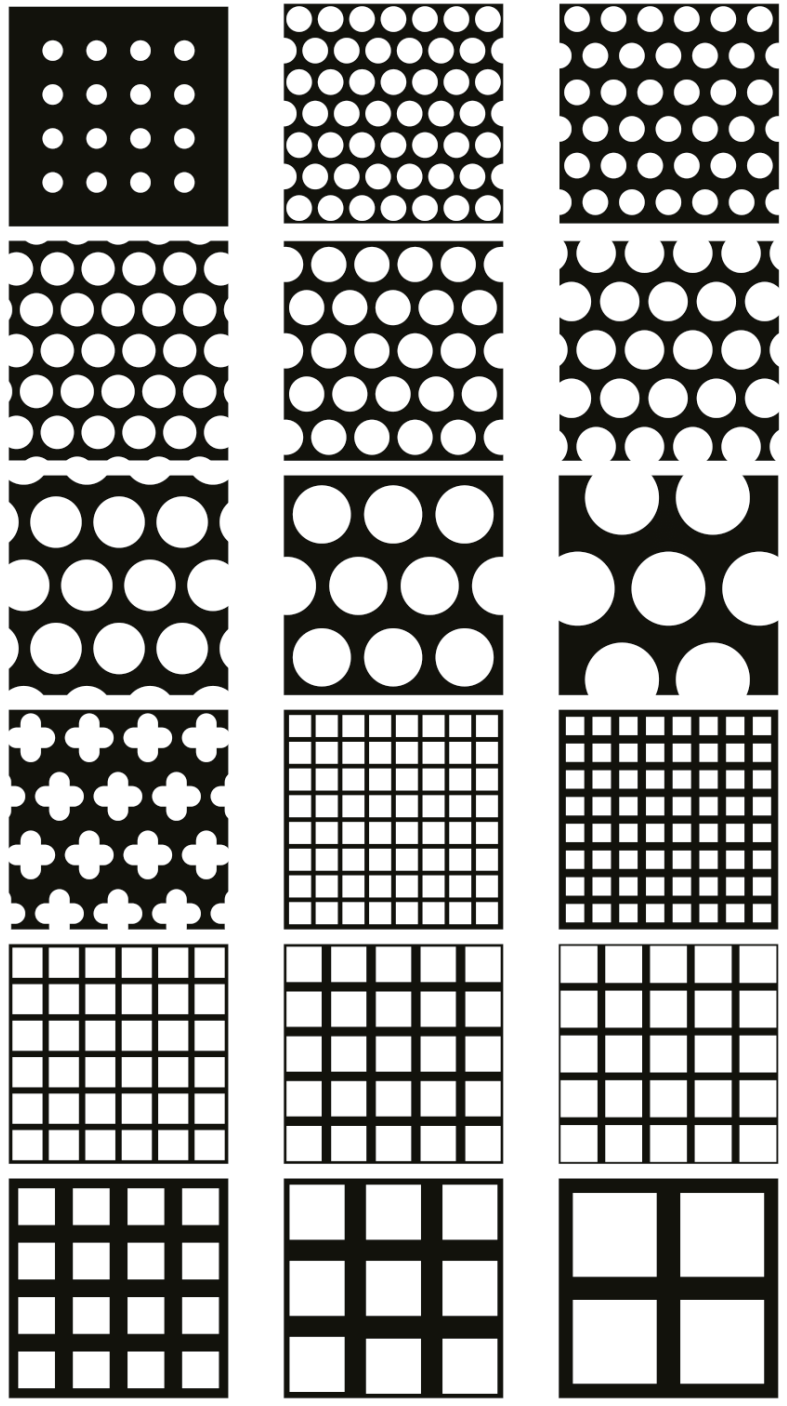


# Chapas Perforadas Hierro, Galvanizadas, Aluminio e inox.

R	T	%	Espesores																		
			0,5	0,8	1	1,5	2	2,5	3	4	5	6	8	10							
0,5	1,25	14,5	•																		
0,5	1,5	10	•																		
0,8	1,60	22,5	•																		
0,8	1,75	19	•																		
0,8	2	26	•	•																	
1	2	23	•	•	•																
1,2	2,25	26																			
1,5	3	23	•	•	•	•															
1,8	3	33	•																		
2	3,5	30	•	•	▲	•															
2	4	23				•	•														
2,5	4	35	•	•	•	•	•														
2,5	5	23					•	•													
3	5	33	•	▲	▲	▲	▲	▲													
3	6	23																			
3,5	5	44	•	•	•	•															
3,5	6	31					•														
4	6	40	•	•	▲	▲	▲	▲													
4	7	30					▲	▲													
5	7	46	•	•	▲	▲	▲	▲													
5	8	35			▲	▲	▲	▲	▲												
6	8,5	44	•	•	▲	▲	▲	▲													
6	9	40				•															
6	10	33					▲	▲													
7	10	44				•	•														
7	11	37					•														
8	11	48	•	▲	▲	▲	▲	▲													
8	12	40				▲	▲	▲													
8	13	34																		•	
8	15	26																			•
8	Aboc	4,5					▲	▲													
9	13	45	•		•	•															
9	14	37					•														
10	14	46	•	•	▲	▲	▲	▲													
10	15	40				•	▲	▲	▲												
10	18	28																		•	•
12	16	51			▲	▲															
12	17	45					▲	▲													
12	20	32																		•	•
14	19	49			•	•															
14	20	44																		•	•
15	18	63			•	▲															
15	22	42					▲	▲													
15	24	35																			•
15	Aboc	22,5					▲	▲													
16	20	58			•	•	•														
16	24	40																			•
18	22,5	56			•	•															
18	25	47					•														
18	27	40																		•	•
20	25	58	•	▲																	
20	27	49					•	•													
20	30	40																		•	•
22	28	56					•														
25	34	49			•	•	•														
28	35	58					•														
30	37	60			•	•	•														
30	40	51																		•	•
35	46	52					•														
40	50	58					•														
45	60	51																			
50	62	59					•														
60	75	58																			
70	84	58																			
80	96	62																			
90	112	58																			
100	124	58																			



ØC	U	%	Espesores				
			0,8	1	1,5	2	3
3	5	36		•	•		
5	7,5	44	•	•	•		
5	8	39		•	•	•	
8	11	53	•	•	•	•	
10	12	69		•	•		
10	13	59		•	•	•	
10	15	44		•	•	•	•
10	20	25		•	•	•	
15	20	56		•	•	•	•
15	30	25			•	•	•
20	25	64		•	•	•	•
20	40	25		•	•	•	•
22	44	25		•	•	•	•
25	50	25			•	•	•
30	35	73		•	•	•	•
30	60	25		•	•	•	•
40	50	64			•	•	•
40	80	25			•	•	•
50	100	25			•	•	•

# 01

## REDONDOS (R) AL TRESBOLILLO 60° (T) ROUNDS (R) 60° TRIANGULAR PITCH (T)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor →													
	0,5	0,8	1	1,5	2	2,5	3	4	5	6	7	8	9	10
1	2 23%	2 15%	2 15%											
1,2		2,3 24,7%	2,3 24,7%											
1,3	2,25 30%	2,25 30%	2,25 30%											
1,5	3 23%	3 23%	3 23%	3 23%										
1,8		3 33%	3 33%	5 12%	5 12%									
2	3 40%	3 40%	3 40%	3 40%	3 40%									
2	3,33 33%	3,33 33%	3,33 33%	3,33 33%	3,33 33%	3,33 33%								
2	3,5 30%	3,5 30%	3,5 30%											
2	4 23%	4 23%	4 23%	4 23%	4 23%									
2,5	3,5 46%	3,5 46%	3,5 46%	3,5 46%	3,5 46%	3,5 46%								
2,5	4 35%	4 35%	4 35%	4 35%	4 35%	4 35%								
2,5	4,5 28%	4,5 28%	4,5 28%	4,5 28%	4,5 28%	4,5 28%								
2,5		5 28%	5 28%	5 28%	5 28%	5 28%								
2,75		4 43%	4 43%											
3	4 51%	4 51%	4 51%	4 51%	4 51%	4 51%	4 51%							
3					4,75 36%	4,75 36%	4,75 36%							
3	5 33%	5 33%	5 33%	5 33%	5 33%	5 33%	5 33%							
3				5,5 27%	5,5 27%									
3	6 23%	6 23%	6 23%	6 23%	6 23%	6 23%	6 23%							
3,5	6 31%	6 31%	6 31%	6 31%	6 31%	6 31%	6 31%							
3,5					6,25 28,4%	6,25 28,4%	6,25 28,4%							
4	5 58%	5 58%	5 58%	5 58%	5 58%	5 58%	5 58%							
4		5,75 44%	5,75 44%				5,75 44%	5,75 44%						
4	6 40,3%	6 40,3%	6 40,3%	6 40,3%	6 40,3%	6 40,3%	6 40,3%	6 40,3%						
4	6,5 34,3%	6,5 34,3%	6,5 34,3%	6,5 34,3%	6,5 34,3%	6,5 34,3%	6,5 34,3%	6,5 34,3%						
4			7 29,6%	7 29,6%	7 29,6%	7 29,6%	7 29,6%	7 29,6%						
4,5		6 51%	6 51%				6 51%	6 51%						
5		6 63%	6 63%	6 63%	6 63%									
5		6,5 54%	6,5 54%			6,5 54%	6,5 54%							
5		7 46%	7 46%	7 46%	7 46%	7 46%	7 46%	7 46%						

Consultar diámetros superiores. Consult for larger diameters.

# 01b

Size - Medida

Thickness - Espesor 

Size	0,5	0,8	1	1,5	2	2,5	3	4	5	6	7	8	9	10
5	7,5 40%	7,5 40%	7,5 40%	7,5 40%	7,5 40%	7,5 40%	7,5 40%							
5	8 35,4%	8 35,4%	8 35,4%	8 35,4%	8 35,4%	8 35,4%	8 35,4%	8 35,4%	8 35,4%					
5				8,5 31,4%	8,5 31,4%	8,5 31,4%	8,5 31,4%	8,5 31,4%	8,5 31,4%					
5		9 28%	9 28%	9 28%	9 28%	9 28%	9 28%	9 28%	9 28%					
5				10 23%	10 23%	10 23%	10 23%	10 23%	10 23%	10 23%				
6	9 40%	9 40%	9 40%	9 40%	9 40%	9 40%	9 40%	9 40%	9 40%					
6			10 33%	10 33%	10 33%	10 33%	10 33%	10 33%	10 33%	10 33%				
6				10 33%	10 33%	10 33%	10 33%	10 33%	10 33%	10 33%	10 33%			
6,5		7,9 61%	7,9 61%											
7			9 55%	9 55%	9 55%									
7	10 44%	10 44%	10 44%	10 44%	10 44%	10 44%	10 44%	10 44%	10 44%					
7				12 34%		11 37%	11 37%	12 34%	12 34%	12 34%	12 34%			
8	11 48%	11 48%	11 48%	11 48%	11 48%	11 40%	11 40%	11 40%						
8								12 22%	12 22%	15 12%		15 12%		
9		13 43%	13 43%	12,5 47%	12,5 47%									
10	14 46%	14 46%	14 46%	14 46%	14 46%	14 40%	14 40%	14 40%	15 40%	15 40%		15 40%		18 28%
12		16 51%	16 51%	16 51%	16 51%	16 51%	16 51%	16 51%	16 51%	16 51%				
12				18 40%	18 40%	18 40%	18 40%	18 40%	18 40%	18 40%	18 40%	18 40%	18 40%	22 27%
14					20 44%	20 44%	20 44%	20 44%	20 44%	20 44%	20 44%	20 44%	20 44%	
15		20 51%	20 51%	20 51%	20 51%	20 51%	20 51%	20 51%						
15				22 42%	22 42%	22 42%	22 42%	22 42%	22 42%	22 42%	22 42%	22 42%	22 42%	22 42%
16				20 58%	20 58%	20 58%	19 64%		22 48%		20 58%	20 58%		
18		23 55,5%	23 55,5%	23 55,5%	23 55,5%	23 55,5%	23 55,5%	26 43,5%	26 43,5%	26 43,5%	26 43,5%	26 43,5%	26 43,5%	26 43,5%
20	27 50%			27 50%	27 50%	27 50%	27 50%	27 50%	27 50%					
20	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%	30 40%
22							30 49%	30 49%	30 49%					
25		34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%	34 49%
30	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%	40 51%
35				46 53%	46 53%	46 53%	46 53%	46 53%	46 53%	46 53%		46 53%		
40	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%	54 50%

Consultar diámetros superiores. Consult for larger diameters.

# 02

## REDONDOS (R) DE ALTO RENDIMIENTO TRESBOLILLO 60° (T) ROUNDS (R) HIGH PERFORMANCE 60° STAGGERED PATTERN (T)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor →							
	0,5	0,8	1	1,5	2	2,5	3	4
2	3 40%	3 40%	3 40%	3 40%	3 40%			
2,5				3,5 46%	3,5 46%	3,5 46%		
3	4 51%	4 51%	4 51%	4 51%	4 51%	4 51%	4 51%	
3,5					4,5 55%	4,5 55%	4,5 55%	
4	5 58%	5 58%	5 58%	5 58%	5 58%	5 58%	5 58%	6 40,3%
4,5		6 51%	6 51%			6 51%	6 51%	
5		6 63%	6 63%	6 63%	6 63%			
5		6,5 54%	6,5 54%			6,5 54%	6,5 54%	
5		7 46%	7 46%	7 46%	7 46%	7 46%	7 46%	7 46%
6				7,5 58%	7,5 58%	7,5 58%	7,5 58%	9 40,31%

# 03

## REDONDOS (R) EN PARALELO (U) ROUNDS (R) RECTANGULAR PATTERN (U)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor →					
	0,5	0,8	1	1,5	2	2,5
1	3,5 6%					
1			2,2x3,75 9,5%			
1,2	1,75 37%					
1,2	3,5 9,2%					
1,3	4 8%	4 8%	4 8%	4 8%	4 8%	4 8%
1,5	2,8 23%					
1,5	4 11%	4 11%	4 11%			
1,5	5,2 7%	5,2 7%	5,2 7%	5,2 7%	5,2 7%	5,2 7%
2	5 13%	5 13%	5 13%	5,3 11%	5,3 11%	
2	5,2 11,6%	5,2 11,6%	5,2 11,6%	5,2 11,6%	5,2 11,6%	
2	6 9%	6 9%	6 9%	6 9%		
2	7 6,4%	7 6,4%	7 6,4%	7 6,4%	7 6,4%	
2,5	5,5 16%	5,5 16%	5,5 16%			
2,5	6 14%	6 14%	6 14%			
2,5	7 10%	7 10%	7 10%	7 10%	7 10%	7 10%
3	4 44%	4 44%	4 44%			
3	7 14%	7 14%	7 14%	7 14%	7 14%	7 14%

Size - Medida	Thickness - Espesor →					
	0,5	0,8	1	1,5	2	2,5
3,5	6 27%	6 27%	6 27%			
4	8,8 16%	8,8 16%	8,8 16%	8,8 16%	8,8 16%	
4	15 6%	15 6%	15 6%	15 6%		
4	20 3%	20 3%	20 3%	20 3%		
4,5	6 44%	6 44%	6 44%			
5	8,5 27%	8,5 27%	8,5 27%			
5	10 20%	10 20%	10 20%			
6	10 28%	10 28%	10 28%			
6	16 11%	16 11%	16 11%	16 11%	16 11%	
6		25 5%	25 5%			
7			26 6%	26 6%		
8	19 14%	19 14%	19 14%	19 14%	19 14%	
10	24,2 13%	24,2 13%	24,2 13%	24,2 13%	24,2 13%	
12	28 14%	28 14%	28 14%	28 14%	28 14%	
15	35 14%	35 14%	35 14%	35 14%	35 14%	
20			46,8 14%	46,8 14%	46,8 14%	
25				60 14%	60 14%	

Consultar diámetros superiores. Consult for larger diameters.

# 04

## CUADRADOS (CD) EN DIAGONAL 45° (M) SQUARES (CD) 45° DIAGONAL PATTERN (M)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor					
	0,5	0,8	1	1,5	2	3
10	15 31%	15 31%	15 31%	15 31%	16,97 25%	
15				30 18%		30 18%
20	35 23%	25 23%	35 23%	35 23%	35 23%	35 23%
22			36 26%		36 26%	36 26%
25	40 28%	40 28%	40 28%	40 28%	40 28%	40 28%
27			45 25%			
30			50 25%	50 25%	50 25%	50 25%
33					50 31%	
35			55 29%	55 29%	55 29%	

Size - Medida	Thickness - Espesor					
	0,5	0,8	1	1,5	2	3
40	60 31%			60 31%	60 31%	60 31%
40	80 18%			80 18%	80 18%	80 18%
50				100 18%	100 18%	100 18%
55				100 31%		
60				90 31%		90 31%
60				120 18%		120 18%
70			90 43%	90 43%	90 43%	
70			140 18%	90 18%	90 18%	

# 05

## CUADRADOS (C) EN PARALELO (U) SQUARES (C) RECTANGULAR PITCH (U)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor									
	0,5	0,8	1	1,5	2	3	4	5	6	8
3	6 25%	6 25%	6 25%		6 25%					
3	7 18%									
4	6 44%	6 44%	6 44%							
4			8 25%							
5				6,9 52%	6,9 52%					
5	8 39%	8 39%	8 39%	9 39%	9 39%	9 39%				
5	9 31%	9 31%	9 31%	9 31%	9 31%	9 31%				
5,5	8 46%	8 46%	8 46%							
6				9 44%	9 44%	10 35%				
7			10 49%	10 49%						
7			12,5 31%							
8	10 64%	10 64%	10 64%							
8	10,5 58%	10,5 58%	10,5 58%	10,5 58%						
8				11 53%	11 53%					
8			12 44%	12 44%	12 44%					
10	13 59%	13 59%	13 59%	13 59%	13 59%					
10	14 51%	14 51%	14 51%	14 51%						
10	15 44%	15 44%	15 44%	15 44%	15 44%	15 44%	15 44%	15 44%		
10	20 25%	20 25%	20 25%	20 25%	20 25%	20 25%				
12				15 64%	15 64%		18 44%	18 44%	18 44%	19 39%
12				16 55%	16 55%	16 55%				
14				28 25%	28 25%	28 25%				
15				20 55%	20 55%	20 55%				

Size - Medida	Thickness - Espesor									
	0,5	0,8	1	1,5	2	3	4	5	6	8
15			30 25%	30 25%	30 25%	30 25%				
16				20 64%	20 64%					
18	26 47%	26 47%	26 47%	26 47%						
20	24 69%	24 69%	24 69%	24 69%	24 69%					
20	25 64%	25 64%	25 64%	25 64%	25 64%					
20	30 44%	30 44%	30 44%	30 44%	30 44%	30 44%				
20	40 25%	40 25%	40 25%	40 25%	40 25%	40 25%				
22			30 53%	30 53%						
25	32 60%	32 60%	32 60%	32 60%	32 60%	32 60%	34 54%	34 54%		
27			34 63%							
30	38 62%	38 62%	38 62%	38 62%	40 56%	40 56%				
30	48 38%	48 38%	48 39%	48 39%	48 39%	48 39%	48 39%			
30			60 25%	60 25%	60 25%	60 25%				
33					66 25%					
35			70 25%		70 25%	70 25%				
40	50 64%	50 64%	50 64%	50 64%	50 64%	50 64%				
40	80 25%	80 25%	80 25%	80 25%	80 25%	80 25%				
45						100 20%				100 20%
60				100 25%	100 25%	100 25%				
55				110 25%						
60				120 25%	120 25%	120 25%				
70			140 25%	140 25%	140 25%					
80				120 44%	120 44%	120 44%				

Consultar diámetros superiores. Consult for larger diameters.

# 06

**LARGOS REDONDEADOS (LR) PARALELO (U) ORIENTACIÓN (L)**  
**ROUND END SLOTS (LR) RECTANGULAR (U) ORIENTATION (L)**

**Distancia entre centros / % Área Perforada**  
**Distance between centres / % Perforated Area**

Size - Medida	Thickness - Espesor →							
	1	1,5	2	2,5	3	4	5	6
1,5x10	4,25x20,25 17%							
1,8x20			6,25x37,5 15%	6,25x37,5 15%	6,25x37,5 15%			
2x15	5x28,5 20,5%	5x28,5 20,5%	5x28,5 20,5%	5x28,5 20,5%				
2x20		5x37,5 21%	5x37,5 21%	5x37,5 21%				
3x12	8x15 28,4%	8x15 28,4%	8x15 28,4%					
3x12	16 13,3%	16 13,3%	16 13,3%					
3x20		7x39 21,27%	7x39 21,27%	7x39 21,27%	7x39 21,27%	7x39 21,27%	7x39 21,27%	
4x19							8x34,5 26,29%	8x34,5 26,29%
4,75x20		8,5x25 42,42%	8,5x25 42,42%	8,5x25 42,42%	8,5x25 42,42%			
4,75x20		8,5x36 29,5%	8,5x36 29,5%	8,5x36 29,5%	8,5x36 29,5%			
5x14	10x15 43%	10x15 43%	10x15 43%	10x15 43%	10x15 43%	10x15 43%	10x15 43%	
5x14	20 16,16%	20 16,16%	20 16,16%	20 16,16%	20 16,16%	20 16,16%	20 16,16%	

# 07

**LARGOS REDONDEADOS (LR) ALTERNOS (Z) ORIENTACION (L)**  
**ROUND END SLOTS (LR) STAGGERED PATTERN (Z) ORIENTATION (L)**

**Distancia entre centros / % Área Perforada**  
**Distance between centres / % Perforated Area**

Size - Medida	Thickness - Espesor →							
	1	1,5	2	2,5	3	4	5	6
1x5	8,5x13,5 25%							
1,8x20			12,5x25 23%	12,5x25 23%	12,5x25 23%			
2x15	10x19 31%	10x19 31%	10x19 31%					
2x20		10x25 31%	10x25 31%	10x25 31%				
3x12	16x20 21%	16x20 21%	16x20 21%					
3x20		14x26 32%	14x26 32%	14x26 32%	14x26 32%	14x26 32%	14x26 32%	
4x19							16x23 39%	16x23 39%
4,75x20		16,8x24 45%	16,8x24 45%					
4,75x20		17x24 44%	17x24 44%	17x24 44%	17x24 44%			
4,75x20		17x50 21%	17x50 21%	17x50 21%	17x50 21%			
5x14	20x20 32%	20x20 32%	20x20 32%	20x20 32%	20x20 32%	20x20 32%	20x20 32%	
5x20							20x25 38%	20x25 38%
5x20	20x26 36%							
5x20		22x30 29%				22x30 29%	22x30 29%	22x30 29%
6x30	22,5x36 42,5%	22,5x36 42,5%	22,5x36 42,5%	22,5x36 42,5%	22,5x36 42,5%	22,5x36 42,5%		
7x20		24x26 41,5%	24x26 41,5%					

Consultar diámetros superiores. Consult for larger diameters.

# 08

## LARGOS REDONDEADOS (LR) PARALELO (U) ORIENTACIÓN (A) ROUND END SLOTS (LR) RECTANGULAR (U) ORIENTATION (A)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor →											
	0,5	0,8	1	1,5	2	2,5	3	4	5	6	8	10
0,7x6	7x1,8 32,5%	7x1,8 32,5%	7x1,8 32,5%									
0,7x6	7x2,16 27%	7x2,16 27%	7x2,16 27%									
0,7x6	7x2,7 22%	7x2,7 22%	7x2,7 22%									
1,05x12,6			15,88 5%									
1,05x12,5				17,3 6,1%	17,3 6,1%							
1,5x20			25 5%	25 5%	25 5%							
1,6x6				11 7,5%	11 7,5%							
1,8x15							20 6,6%	20 6,6%				
1,8x20			25 6%	25 6%	25 6%	25 6%						
2x10	14,3 9,4%			14,3 9,4%	14,3 9,4%							
2x20	25 6,3%		25 6,3%	25 6,3%	25 6,3%							
2,5x24								37x4 39,6%	37x4 39,6%			
2,5x24								37x4,8 33%	37x4,8 33%			
2,5x24								37x6 26,4%	37x6 26,4%			
3x15			20 11%									
3x15				25,35x5 46%	25,35x5 46%							
3x20				26 8,6%	26 8,6%							
4x20							25 12,25%	25 12,25%	25 12,25%	25 12,25%		
4x60									69 5%	69 5%		
4,4x16						25 11%	25 11%					
4,75x20	24 16%		24 16%	24 16%	24 16%	24 16%	24 16%					
6x30				36 13,3%	36 13,3%		36 13,3%	36 13,3%	36 13,3%	36 13,3%		
6x35								41 12,3%	41 12,3%			
6x60			70 7,2%	70 7,2%	70 7,2%							
7x20				26 19,15%	26 19,15%							
8x40			47,5 13,6%	47,5 13,6%	47,5 13,6%							
10x30				40 17,5%	40 17,5%							
10x40											48 16,5%	48 16,5%
10x50						68 10,35%	68 10,35%					

Consultar diámetros superiores. Consult for larger diameters.

# 09

## LARGOS REDONDEADOS (LR) ALTERNOS (Z) Y ORIENTACION (A) ROUND END SLOTS (LR) STAGGERED PATTERN (Z) ORIENTATION (A)

Distancia entre centros / % Área Perforada  
Distance between centres / % Perforated Area

Size - Medida	Thickness - Espesor →									
	0,5	0,8	1	1,5	2	2,5	3	4	5	6
0,7x6		14x1,66 35,2%								
0,7x6		14x1,96 30%								
0,7x6		14x2,4 24,3%								
1,5x12,5				17,3x4,2 50%	17,3x4,2 50%					
1,5x20			25x3,38 70%	25x3,38 70%	25x3,38 70%					
1,5x20			25x4 59%	25x4 59%	25x4 59%					
1,5x20		25x4,89 48%	25x4,89 48%	25x4,89 48%	25x4,89 48%					
1,5x20			25x6,29 37,5%	25x6,29 37,5%	25x6,29 37,5%					
1,5x20			25x8,8 27%	25x8,8 27%	25x8,8 27%					
1,6x6				11x5,4 30,5%	11x5,4 30,5%					
1,8x15							20x4,06 65%	20x4,06 65%		
1,8x15							20x4,6 57%	20x4,6 57%		
1,8x15							20x5,34 49,5%	20x5,34 49,5%		
1,8x15							20x6,27 42%	20x6,27 42%		
1,8x20			25x4,17 68%	25x4,17 68%	25x4,17 68%	25x4,17 68%				
1,8x20			25x4,81 59%	25x4,81 59%	25x4,81 59%	25x4,81 59%				
1,8x20			25x5,68 50%	25x5,68 50%	25x5,68 50%	25x5,68 50%				
1,8x20			25x6,94 41%	25x6,94 41%	25x6,94 41%	25x6,94 41%				
2x10	14,3x5,4 50%			14,3x5,4 50%	14,3x5,4 50%					
2x10	14,3x9 30%			14,3x9 30%	14,3x9 30%					



# 09b

Size - Medida	Thickness - Espesor →												
	0,5	0,8	1	1,5	2	2,5	3	4	5	6	8	10	12
2x20			25x4,55 69%	25x4,55 69%	25x4,55 69%								
2x20				25x6 52%	25x6 52%								
2x20			25x10 31,31%	25x10 31,31%	25x10 31,31%								
2,5x24								74x5,33 30%	74x5,33 30%				
3x20				26x8,4 53%	26x8,4 53%								
3x20				50,7x10 23%	50,7x10 23%								
4x20									25x12 51%	25x12 51%			
4x20							25x20 31%	25x20 31%	25x20 31%	25x20 31%			
4,4x16						25x15 35%	25x15 35%						
4,4x22						25x15 49,4%	25x15 49,4%						
4,75x20	24x16,75 45%		24x16,75 45%										
4,75x20				24x17 44%	24x17 44%								
6x30				36x14,4 66,46%	36x14,4 66,46%		36x14,4 66,46%	36x14,4 66,46%	36x14,4 66,46%	36x14,4 66,46%			
6x30				36x24 40%	36x24 40%		36x24 40%	36x24 40%	36x24 40%	36x24 40%			
6x35								41x20 49,33%	41x20 49,33%				
7x20				26x24 41,5%	26x24 41,5%								
10x30				40x40 35%	40x40 35%								
10x40											48x32 49%	48x32 49%	48x32 49%
10x50						68x52 27%	68x52 27%						

Consultar diámetros superiores. Consult for larger diameters.

# 10

## LARGOS RECTANGULARES (LC) SQUARE END SLOTS (LC)

(LC) RECTANGULAR (U) ORIENTACION (A)  
(LC) SQUARE PATTERN (U) ORIENTACION (A)

Distancia entre centros /  
% Área Perforada  
Distance between centres /  
% Perforated Area

Size - Medida	Thickness - Espesor				
	0,5	0,8	1	1,5	2
4x20		26 12%	26 12%	42x12 15%	42x12 15%
5x60	73 6%				
8x16			18x10 71%	18x10 71%	18x10 71%
8x16				18x15 47%	18x15 47%
8x16			18x20 36%		
8x16				18x30 24%	18x30 24%
8x16			36 10%	36 10%	36 10%
30x50	60 41,67%				

(LC) PARALELO (U) ORIENTACION (L)  
(LC) PARALLEL (U) ORIENTATION (L)

Size - Medida	Thickness - Espesor				
	2	2,5	3	4	5
5x25	11x31 37%	11x31 37%	11x31 37%	11x31 37%	11x31 37%
20x48		60x60 27%	60x60 27%		

Size - Medida	Thickness - Espesor				
	0,5	0,8	1	1,5	2
4x20		M18,38/26 17%	M18,38/26 17%		
5x60	M51,62/73 8%				
8x16				Z36x20 35,56%	Z36x20 35,56%
8x16			36x40 17,78%		
8x16				Z36x60 12%	Z36x60 12%

(LC) PARALELO (Z)  
ORIENTACION (A)  
(LC) RECTANGULAR  
(Z) ORIENTACION (A)

Size - Medida	Thickness - Espesor				
	2	2,5	3	4	5
5x25	Z22X62 18%	Z22X62 18%	Z22X62 18%	Z22X62 18%	Z22X62 18%
20x48		M42,43/60 37,70%	M42,43/60 37,70%		

(LC) ALTERNOS (Z)  
ORIENTACION (L)  
(LC) STAGGERED (Z)  
ORIENTACION (L)

Otros LC pueden fabricarse tanto en "Z" como en "U". Y paralelos al largo "L" y al ancho "A" en espesores hasta 3 mm. Consultar "entre centros":

10x2	10x4	12x0,8	15x5	8x16	18,25x3	19x1
20x3,9	30x4,4	30x5	30x12	32x25	36,6x7,8	40x10
40x15	40x20	50x5	50x8	40x8	76,8x25,5	

Other Rectangle can be made in both "Z" and "U" pattern. And parallel to the length "L" and the width "A" in thicknesses up to 3 mm. Ask for "Center to center distance".

Consultar diámetros superiores. Consult for larger diameters.

# 11

## ABOCARDADOS (RAD RAS) DIMPLED (RAD RAS)

Distancia entre centros  
Distance between centre

### REDONDOS ABOCARDADOS (RAD/RAS) DIMPLED HOLES (RAD/RAS)

Thickness - Espesor →

SIZE MEDIDA	DISPOSITION DISPOSICIÓN	RAD	RAS	0,5	0,8	1	1,5	2	2,5	3	4
4,5	U-Z		X			X	X	X			
5	M-T-U	X					X	X			
6	M-T-U-Z	X						X	X	X	
6	T-U		X			X	X	X			
7	M-T-U	X					X	X	X		
7	M-U		X					X	X	X	
8	T-U		X	X	X	X	X	X	X	X	
9	M-U-Z	X						X	X		
10	T-U		X	X	X	X	X	X	X	X	
10,5	M-U		X				X	X			
15	T-U		X				X	X	X	X	X
20	M-T-U	X		X	X	X	X	X	X	X	
24	M-T-U	X					X	X			

### ABOCARDADO + REDONDO (RAS + R) FLARED HOLES + ROUNDS (RAS + R)

Thickness - Espesor →

SIZE MEDIDA	DISPOSITION DISPOSICIÓN	1,5	2	2,5	3	4	5	6
6x6	M-T-U		X	X				
8x8	M-U-Z	X	X	X	X	X		
9x5	M-U	X	X	X	X	X		
10,5x5	M-U	X	X					
15x15	U-Z	X	X		X	X	X	X
20x20	U		X	X				

### LARGOS REDONDEADOS ABOCARDADO (LRAD) FLARED ROUND END SLOTS (LRAD)

Thickness - Espesor →

SIZE MEDIDA	ORIENTATION ORIENTACIÓN	DISPOSITION DISPOSICIÓN	1,5	2	2,5	3	4
17x45,5	A	M	X	X	X	X	X
22x50	A	M-T-U			X	X	

Consultar diámetros superiores. Consult for larger diameters.