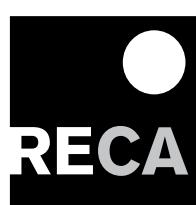
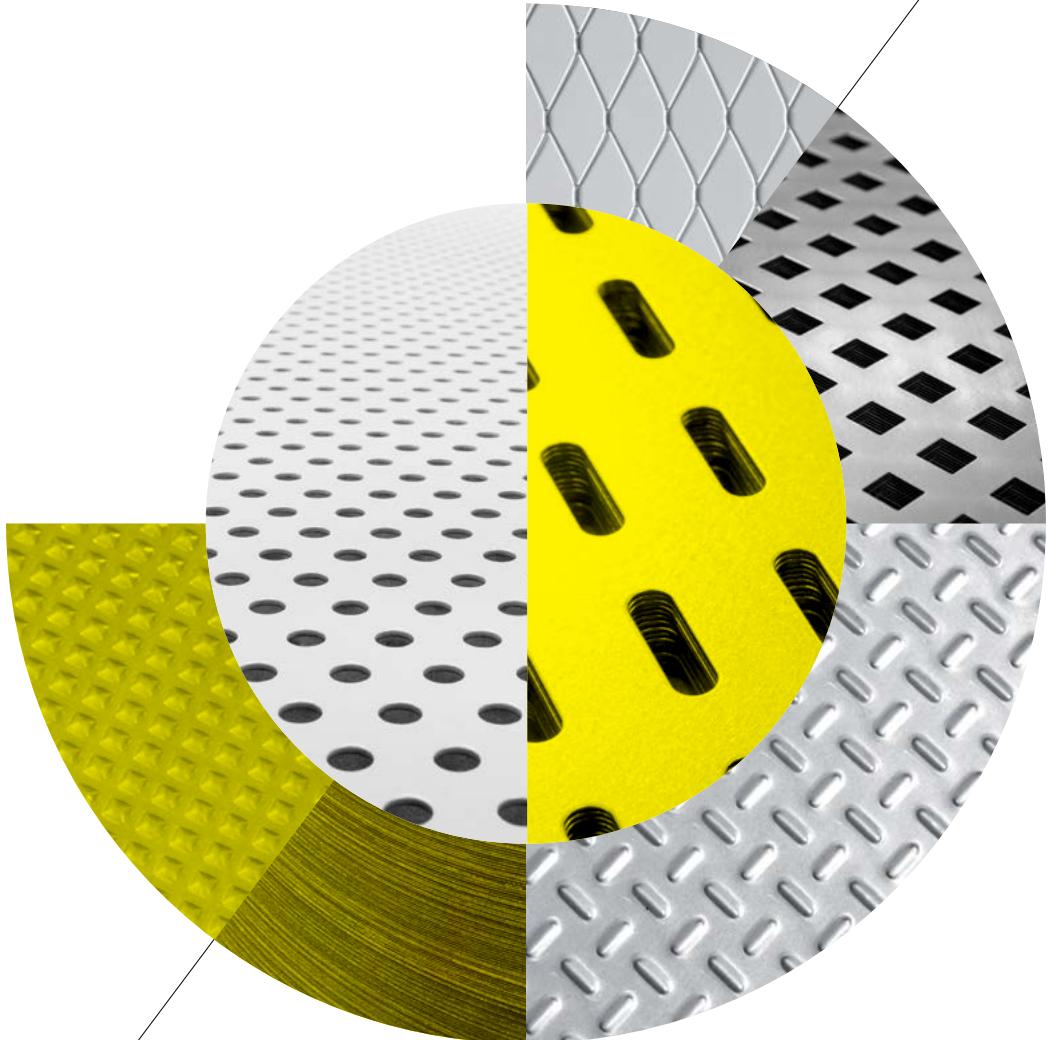


# CATÁLOGO DE PRODUCTOS

PRODUCT BROCHURE

CATALOGUE PRODUITS





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## CARTA DEL GERENTE

Apreciados colaboradores,

Desde la fundación de la compañía en 1951, nuestra misión ha sido siempre ofrecer las mejores soluciones a nuestros clientes, proveedores y demás miembros de nuestra organización. Diferenciándonos por ofrecer siempre la máxima calidad, los mejores precios, ajustados plazos de entrega y servicios de financiación a medida, hemos conseguido convertirnos en una empresa referente.

Con unas instalaciones en la Península Ibérica de más de 50.000 m<sup>2</sup>, RECA es actualmente líder de su sector en España, y se sitúa entre los tres primeros de Europa. Pero, ¿cómo conseguimos los mejores resultados día a día?

Por un lado, gracias a la estrecha colaboración que mantenemos con nuestros proveedores, mejorando la productividad, reduciendo costes y consiguiendo que nuestra materia prima sea competitiva en el mercado global.

Además, para lograr la máxima eficiencia, es necesario contar con fabricantes de maquinaria de gran prestigio que nos permitan disponer de las herramientas más modernas. Por ello, nuestra política de inversión en la última década ha sido la de reinvertir el 100% del cash flow.

Por otra parte, nuestros distribuidores consiguen que nuestros productos lleguen cada día más lejos y de la forma más segura, exportando a los cinco continentes y a más de 30 países.

Y por supuesto, también es fundamental nuestro equipo humano, que facilita las relaciones con los clientes, respondiendo a sus necesidades y encontrando las mejores soluciones.

Esperamos que sigan manteniendo la confianza en nuestro grupo y nos ayuden a ser cada día mejores.

Un fuerte abrazo,

**Jaime Palomé Bover**



## CHAIRMAN'S MESSAGE LETTRE DU PATRON

CARTA DEL GERENTE

Dear contributors,

Since our company was founded in 1951, our goal has always been to offer the best solutions to our customers, suppliers and other members of our organization.

Standing out for our high-quality products, best prices, tight delivery due dates and tailored credit facilities, we have become a model company.

Our facilities in Spain are over 50,000m<sup>2</sup> and we are one of the three market leaders of our sector in Spain. But how do we manage to achieve the best results?

On the one hand, it is so thanks to our close collaboration with our suppliers, enhancing our production and reducing costs, achieving very competitive raw materials in the global market. Furthermore, for the highest efficiency it is necessary to count on renowned manufacturers of machinery that provide us with the most cutting-edge tools. For this purpose, our policy of investment over the last decade has consisted in reinvesting 100% of our profits.

On the other hand, our distributors are expanding our products farther and farther and in the safest way, exporting to the five continents to more than 30 countries.

And last but not least, we count on a priceless human team which makes relationships with our customers easy, meeting their needs and finding the most suitable solutions.

We hope you will keep your trust in us and thus continue helping us to constantly improve.

Kind regards,

**Jaime Palomé Bover**

Chers collaborateurs,

Depuis la création de la société en 1951, notre mission a toujours été d'offrir les meilleures solutions à nos clients, fournisseurs et autres membres de notre organisation.

Nous nous sommes différenciés grâce à notre capacité à offrir une qualité optimale, les meilleurs prix, des délais de livraison serrés et un service de financement sur mesure, nous permettant ainsi de devenir une entreprise de référence. Avec des installations dans la Péninsule Ibérique de plus de 50.000m<sup>2</sup>, RECA est actuellement leader dans son secteur en Espagne et se situe parmi les trois premiers européens. Mais comment obtenons-nous les meilleurs résultats au quotidien?

Tout d'abord, grâce à l'étroite collaboration que nous maintenons avec nos fournisseurs, nous améliorons notre productivité et réduisons nos coûts, obtenant ainsi une matière première compétitive sur le marché global.

De plus, pour obtenir la meilleure efficience, il est nécessaire de s'appuyer sur des fabricants de machines de grand prestige nous permettant de disposer des outils les plus modernes. Pour cela, notre politique d'investissement durant la dernière décennie a consisté à réinvestir 100% de notre cash flow.

Nos distributeurs réussissent également à ce que nos produits arrivent de plus en plus loin et de façon sûre, en exportant sur les cinq continents et à plus de 30 pays.

Et bien entendu, notre équipe humaine est elle aussi fondamentale et facilite les relations avec nos clients, répondant à leurs besoins et trouvant les meilleures solutions.

Nous espérons que vous continuerez à nous accorder votre confiance et que vous nous aiderez chaque jour à devenir meilleurs.

Mes salutations les plus chaleureuses,

**Jaime Palomé Bover**



# RECA EL GRUPO

RECA THE GROUP | RECA LE GROUPE

Motivados por intentar satisfacer las necesidades de nuestros clientes, en **Grupo RECA** nos hemos mantenido en constante crecimiento y expansión, invirtiendo en nuevas instalaciones, en maquinaria de última tecnología y en personal especializado.

En **Riera Tutó** fabricamos chapas con perforación láser y servicio de punzonado y plegado, que nos permite ofrecer a nivel de grupo un servicio de acabado íntegro para nuestros productos de chapa perforada y estampada, pisos metálicos y metal deployé.

También disponemos de un servicio de tratamiento de superficies y lacado al horno a través de **Lacados Metal Color**, que nos da la posibilidad de obtener un producto totalmente terminado, listo para ser instalado directamente en obra o aplicación final.

En **Grupo RECA** trabajamos para poder ofrecer las mejores soluciones a nuestros clientes, garantizando la máxima calidad y el servicio más completo.



Driven by the constant needs of our customers, Rejillas Calibradas Ltd has recently completed its range of products and services by strengthening its participation in Riera Tuto Ltd investing in new facilities, state-of-the art machinery and qualified staff.

We produce sheets made from laser, punching and folding technology giving a complete finish to all our products: perforated and embossed sheets, metallic stairs and expanded metal.

Furthermore, through Lacados Metalcolor Ltd, the RECA group provides a service of surface treatment and powder coating, so that a finished product can be offered to be used directly in construction or final application.

At Reca, we are working to offer the best solutions to our clients in order to guarantee the best quality and the utmost complete service.

Motivés par la nécessité de satisfaire les besoins de nos clients, le Groupe Reca a su se maintenir en croissance constante et en expansion grâce à des investissements en nouvelles installations, en machinerie de dernière technologie et en personnel spécialisé.

Chez Riera Tutó nous fabriquons des tôles en perforation laser, service de poinçonnage et pliage, qui nous permet d'offrir au groupe un service de finitions intégré pour nos produits de tôles perforées et gaufrées, marches métalliques et métal déployé.

Nous disposons également d'un service de traitement de surface et de thermo laqueage via Lacados Metalcolor, qui nous donne la possibilité d'obtenir un produit totalement fini et prêt à être installé directement sur le chantier ou l'application finale.

Dans le Groupe Reca, nous travaillons pour pouvoir offrir les meilleures solutions à nos clients leur garantissant la meilleure qualité et le service le plus complet.



# RECA LA EMPRESA

RECA THE COMPANY | RECA LA SOCIÉTÉ

Actualmente RECA dispone de una superficie útil de 20.000m<sup>2</sup> en Martorelles (Barcelona), así como distintas delegaciones en la península ibérica.

Esta nueva etapa de RECA ha estado fundamentada desde sus inicios por la filosofía de reinversión año tras año, de su cash-flow en I+D, formación constante del personal y utilización de la tecnología más afín para la elaboración de chapa perforada y metal deployé.

Nuestra sensibilidad con el medio ambiente nos conduce a un reciclado exhaustivo de todos nuestros residuos. Es nuestro compromiso con el planeta.

Con todas las inversiones que RECA ha realizado en los últimos años, se ha logrado incrementar nuestra capacidad productiva hasta las 30.000 toneladas y 2.600.000m<sup>2</sup> anuales de chapa perforada.

RECA exporta el 65% de su producción a más de 30 países en todo el mundo.

Somos el nº1 en Europa en productividad, reciclaje de residuos, política de reinversión y política de seguridad.

Currently RECA has facilities of 20,000m<sup>2</sup> in Martorelles (Barcelona), as well as other branches in the country.

Since its beginnings, this new stage at RECA has been based on the philosophy of reinvestment every year, cash-flow in R&D, continuous training of the staff and usage of the most suitable technology to manufacture perforated sheets and expanded metal.

Our sensitivity to the environment leads us to exhaustive recycling of all our waste. Such is our commitment to the planet.

With the investment that RECA has made in the last years, we have increased our production capacity to 30,000 tons and 2,600,000m<sup>2</sup> of perforated sheet per year.

RECA exports 65% of its products to more than 30 countries worldwide.

We are Europe market leaders in production, waste recycling and reinvestment and safety policy.

Actuellement Reca dispose d'une superficie utile de 20000m<sup>2</sup> à Martorelles (Barcelone) ainsi que de plusieurs délégations dans la péninsule ibérique.

Cette nouvelle étape de Reca est fondée depuis ses débuts sur la philosophie de réinvestissement année après année de son cash flow en R+D, la formation constante du personnel et l'utilisation de la technologie la plus adéquate à l'élaboration de tôles perforées et de métal déployé. Notre sensibilité avec l'environnement nous conduit à un recyclage exhaustif de tous nos déchets. C'est notre engagement envers la planète.

Avec tous les investissements que Reca a réalisés durant les dernières années, nous avons réussi à augmenter notre capacité de production jusqu'à 30000 tonnes et 2.600.000 m<sup>2</sup> annuelles de tôles perforées.

Reca exporte 65% de sa production à plus de 30 pays dans le monde.

Nous sommes n°1 en Europe en productivité, recyclage de déchets, politique d'investissement et politique de sécurité.



# RECA CONTACTO

CONTACT | NOUS CONTACTER

## BARCELONA

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Fax: 93 570 09 78  
  
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reca@reca.es - www.reca.es

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Tel.: 91 614 90 00  
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madrid@reca.es  
www.reca.es

## JAÉN

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www.reca.es

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Fax: 98 530 89 92  
  
mchc@mchc.es  
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Tel.: 98 320 31 90  
Fax: 98 329 06 76  
  
faustinogonzalez@  
faustinogonzalez.es  
www.reca.es

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41500 Alcalá de Guadaira  
  
Tel.: 95 563 01 67  
  
rociomd@resian.es  
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## PORTUGAL

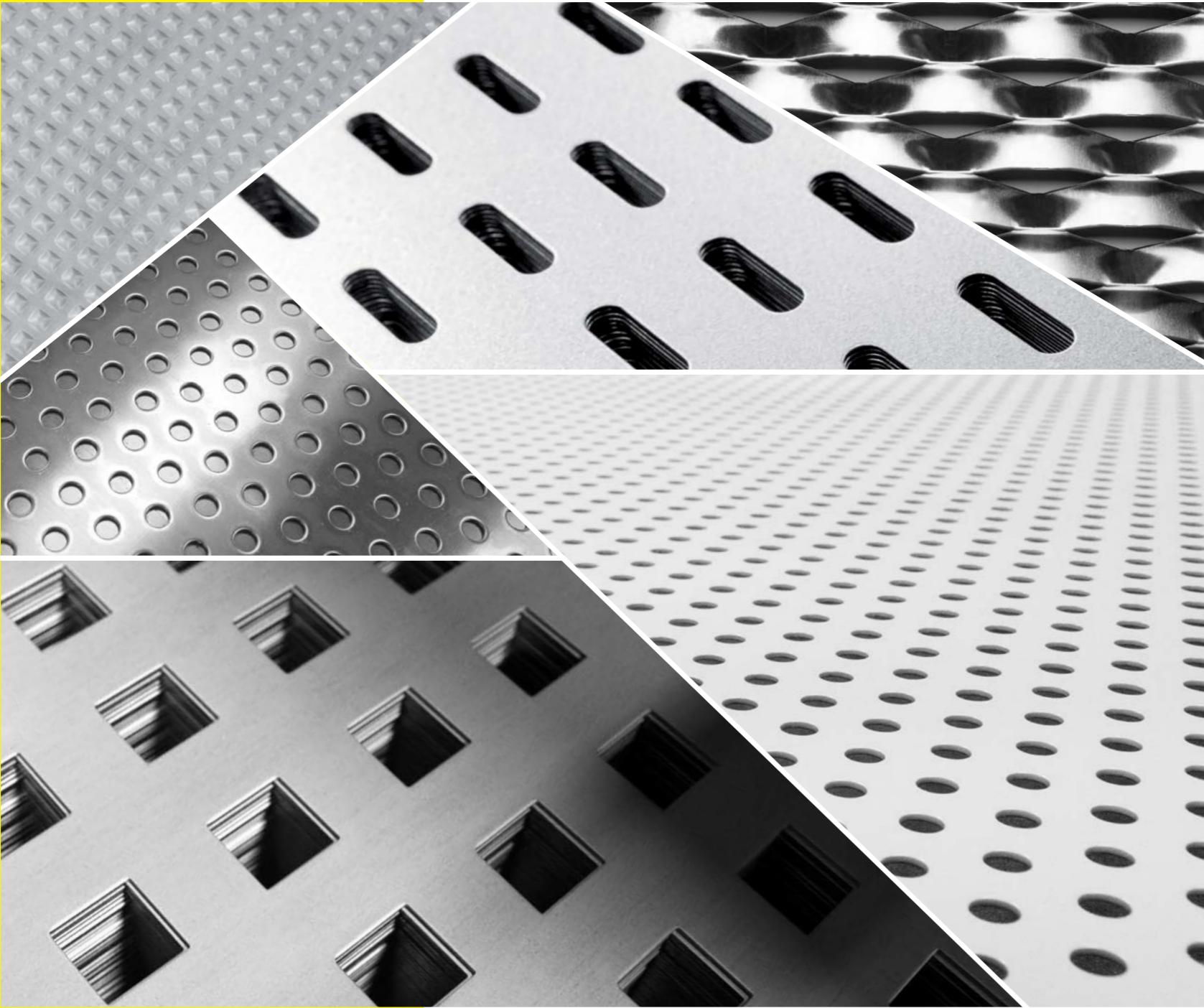
PERFOMETAL, Ltda.  
Avda. Irene Lisboa, 32-E  
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Tel.: +35 12 19 16 95 30  
Fax: +35 12 19 16 95 39  
  
geral@perfometal.pt  
www.perfometal.pt

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Fax: 039 330 58 39  
  
trentaquattro38@yahoo.it  
www.reca.es



# CATÁLOGO DE PRODUCTOS

PRODUCT BROCHURE | CATALOGUE PRODUITS

# LEYENDA COMPLETA

BROCHURE LEGEND | LÉGENDE COMPLÈTE

## CARACTERÍSTICAS

 CHAPA  
PERFORADA  
  
PERFORATED SHEET  
TÔLE PERFORÉE

 METAL  
DEPLOYÉ  
  
EXPANDED METAL  
MÉTAL DÉPLOYÉ

 CHAPA  
REPUEJADA  
  
EMBOSSSED SHEET  
TÔLE GAUFRÉE

 RECADECOR  
RECADECOR  
RECADECOR

 AGUJEROS  
REDONDOS  
  
ROUND HOLE  
TROUS RONDS

 AGUJEROS LARGOS  
REDONDOS  
  
SLOTTED HOLES  
TROUS OBLONGS

 AGUJEROS  
CUADRADOS  
  
SQUARE HOLES  
TROUS CARRÉS

 CHAPA  
DECORATIVA  
  
DECORATIVE SHEET  
TÔLE DÉCORATIVE

 AGUJEROS  
ABOCARDADOS  
  
EMBOSSSED HOLES  
TROUS EMBOUTIS

 PISOS  
METÁLICOS  
  
METALLIC STAIRS  
MARCHES MÉTALLIQUES

 ENTRAMADOS  
METÁLICOS  
  
GRATINGS  
CAILLEBOTIS MÉTALLIQUES

 MALLA  
  
MESH  
MAILLE

 GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ

 ACERO INOXIDABLE  
STAINLESS STEEL  
INOXYDABLE

 HIERRO  
MILD STEEL  
ACIER DOUX

 MATERIALES  
RAW MATERIAL  
MATIÈRE

 LARGO  
LENGTH  
LONGUEUR

 ANCHO  
WIDTH  
LARGUEUR

## CHARACTERISTICS | CARACTÉRISTIQUES

 C LADO DEL  
CUADRADO  
  
SQUARE DIMENSION  
CÔTÉ DU CARRÉ

 T U DISTANCIA  
ENTRE CENTROS  
  
PITCH  
ENTRAXE

 COEFICIENTE  
DE PERFORACIÓN  
  
OPEN AREA  
% DE VIDE

 R DIÁMETRO  
DEL AGUJERO  
  
HOLE DIAMETER  
DIAMÈTRE DU TROU

 U AGUJERO  
PARALELO  
  
SQUARE PITCH  
TROUS PARALLÈLES

 H HILO  
STRAND  
LANIÈRE

 DC DIAGONAL CORTA  
SHORT DIAGONAL  
  
DIAGONALE COURTE

 DL DIAGONAL LARGA  
LONG DIAGONAL  
  
DIAGONALE LONGUE

 LR LARGO REDONDO  
SLOTTED HOLES  
OBLONGS

 ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

 SEPARADOR (mm)  
CROSS-BAR (mm)  
SÉPARATEUR (mm)

 Z AGUJERO  
ALTERNO  
  
STAGGERED PITCH  
TROUS EN QUINCONCE

 FORMATO  
DIMENSION  
FORMAT

 I PARALELO AL  
LARGO DE LA CHAPA  
  
LONG SLOT PARALLEL TO  
LENGTH  
OBLONG PARALLÈLE À LA  
LONGUEUR

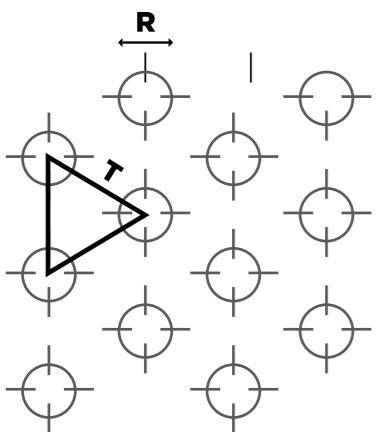
 II PARALELO AL  
ANCHO DE LA CHAPA  
  
LONG SLOT PARALLEL TO  
WIDTH  
OBLONG PARALLÈLE À LA  
LARGEUR

 PLETINA PORTANTE (mm)  
BEARING BAR (mm)  
PLAT PORTEUR (mm)

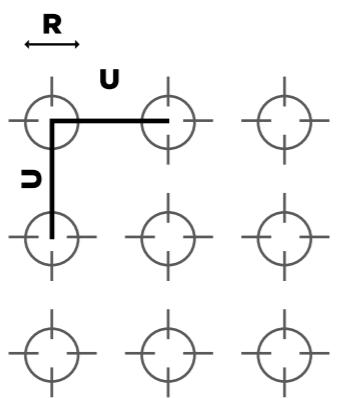
# SUPERFICIE LIBRE

OPEN AREA | % VIDE

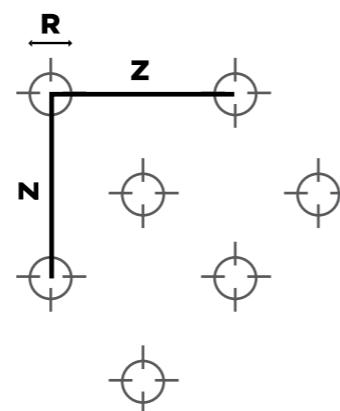
## FÓRMULAS



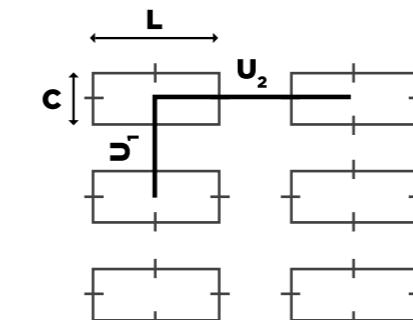
$$SL = 0,906 \times (R/T)^2$$



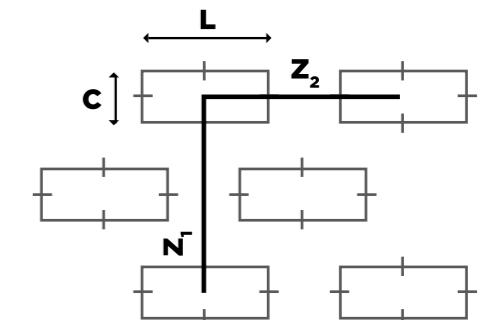
$$SL = 0,785 \times (R/U)^2$$



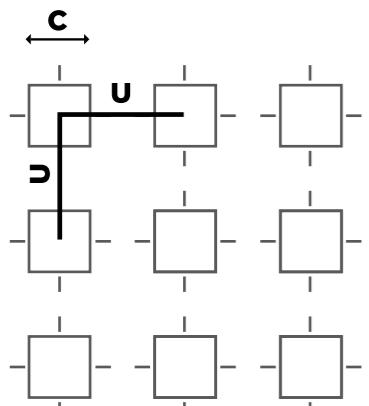
$$SL = 1,57 \times (R/Z)^2$$



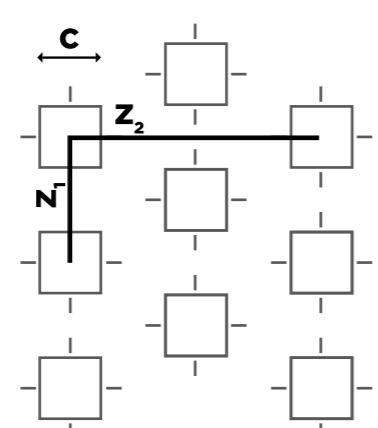
$$SL = \frac{CxL}{U_1 \times U_2}$$



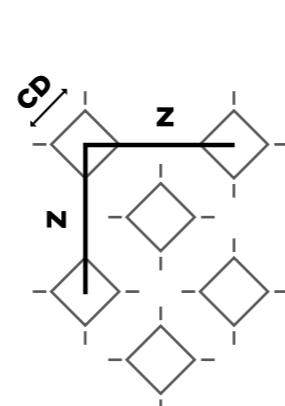
$$SL = 2 \frac{CxL}{Z_1 \times Z_2}$$



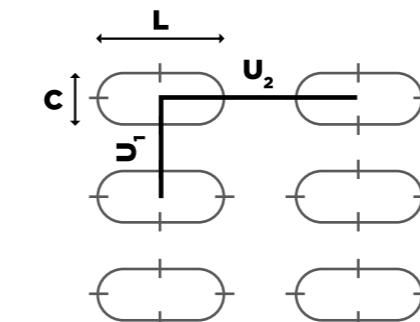
$$SL = (C/U)^2$$



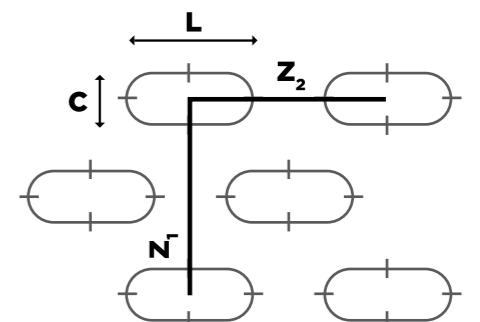
$$SL = 2C^2/Z_1Z_2$$



$$SL = 2 \times \left( \frac{CD}{Z} \right)^2$$

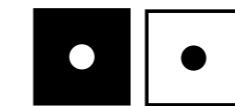
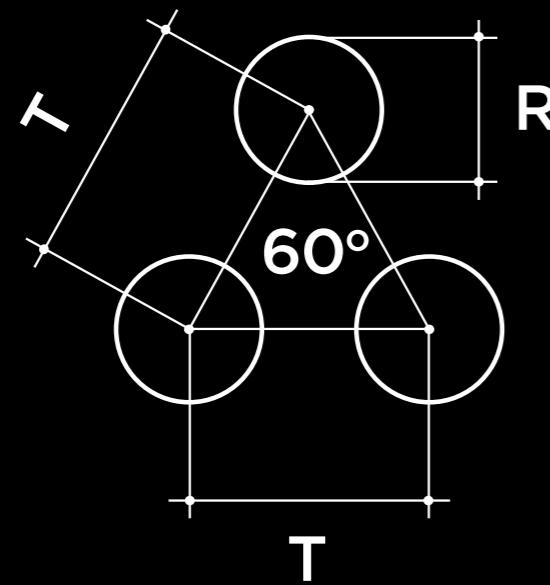


$$SL = \frac{CxL - 0,215 C^2}{U_1 \times U_2}$$



$$SL = 2 \frac{CxL - 0,43 C^2}{Z_1 \times Z_2}$$

FORMULA | FORMULES



## CHAPA PERFORADA AGUJEROS REDONDOS

ROUND HOLES PERFORATED SHEETS | TÔLES PERFORÉES TROUS RONDS

### AGUJERO

HOLE | TROU

 **R** DIÁMETRO  
DEL AGUJERO  
HOLE DIAMETER  
DIAMÈTRE DU TROU

 **T** DISTANCIA  
ENTRE CENTROS  
PITCH  
ENTRAXE

 **C** COEFICIENTE  
DE PERFORACIÓN  
OPEN AREA  
% DE VIDE

 **O** AGUJEROS  
ABOCARDADOS  
EMBOSSED HOLES  
TROUS EMBOUTIS

### CARACTERÍSTICAS

CHARACTERISTICS | CARACTÉRISTIQUES

 **M** MATERIALES  
RAW MATERIAL  
MATIÈRE

 **F** FORMATO  
DIMENSIONS  
FORMAT

 **E** ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

### MATERIALES

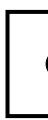
RAW MATERIAL | MATIÈRE

 **H** HIERRO  
MILD STEEL  
ACIER DOUX

 **G** GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ

 **I** INOXIDABLE  
STAINLESS STEEL  
INOXYDABLE





# AGUJEROS REDONDOS

ROUND HOLES | TROUS RONDS

**2500x1250mm**

R	T	Fe				G					Pg.
		1	1,5	2	3	1	1,5	2			
3	5	●	●	●					33	39	
5	7		●			●		●	46	42	
5	8		●	●				●	35	43	
6	10			●					33	44	
8	11		●						48	45	
8	12			●					40	45	
10	14		●				●		46	46	
10	15			●	●			●	40	47	
20	27			●					50	51	

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.

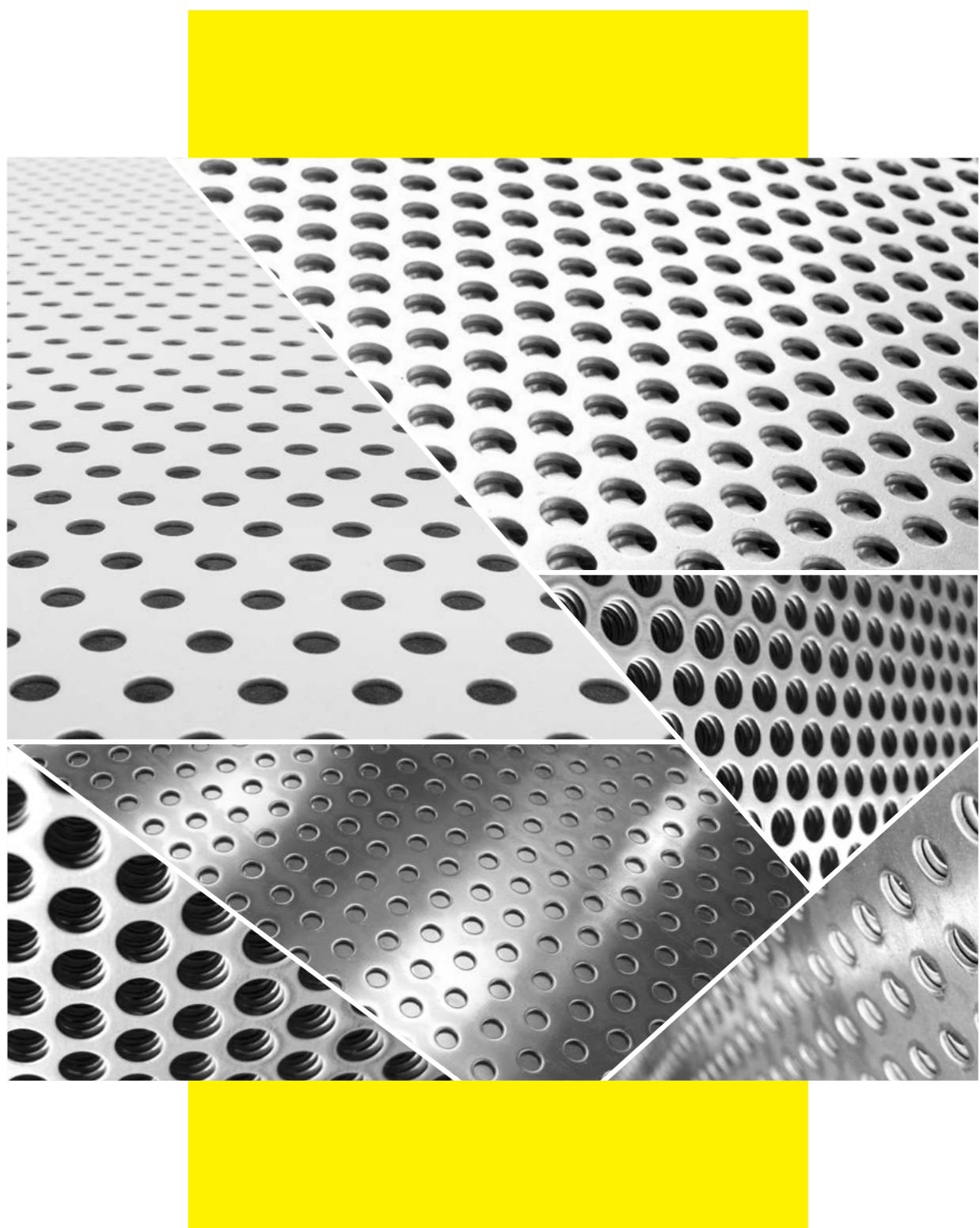
**3000x1500mm**

R	T	Fe				G					Pg.
		1,5	2	1,5	2	1,5	2	1,5	2		
3	5	●		●		●		●		33	39
4	6	●				●				40	40
4	7		●							30	41
5	7	●				●				46	42
5	8		●				●			35	43
6	8,5	●				●				45	43
6	10		●				●			33	44
8	11	●				●				48	45
8	12		●				●			40	45
10	14	●				●				46	46
10	15		●				●			40	47
20	27		●							50	51

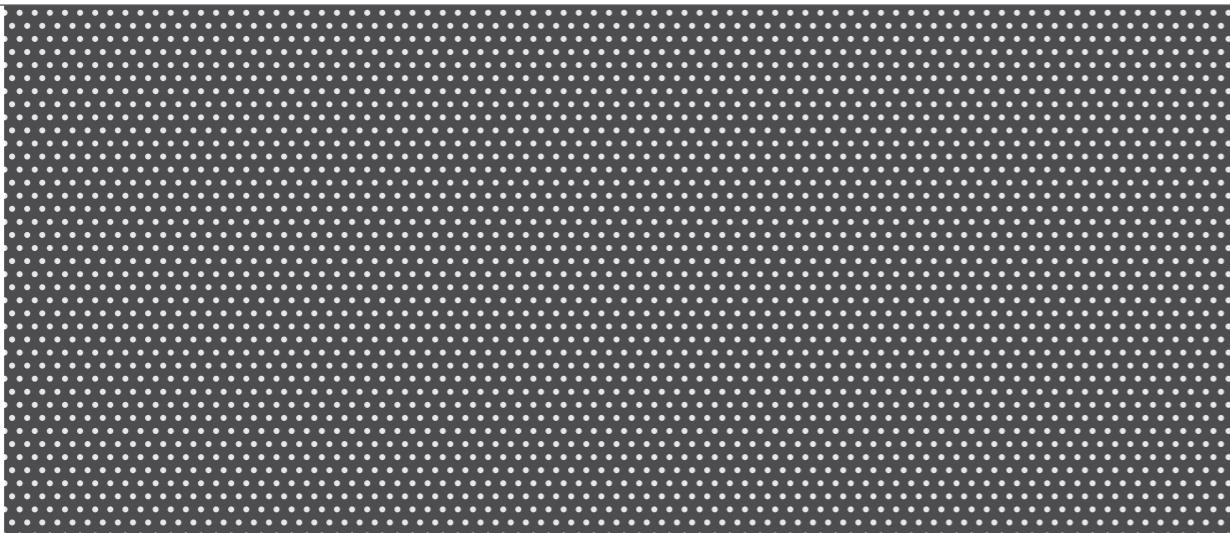
\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.



R  
0,8  
T  
2

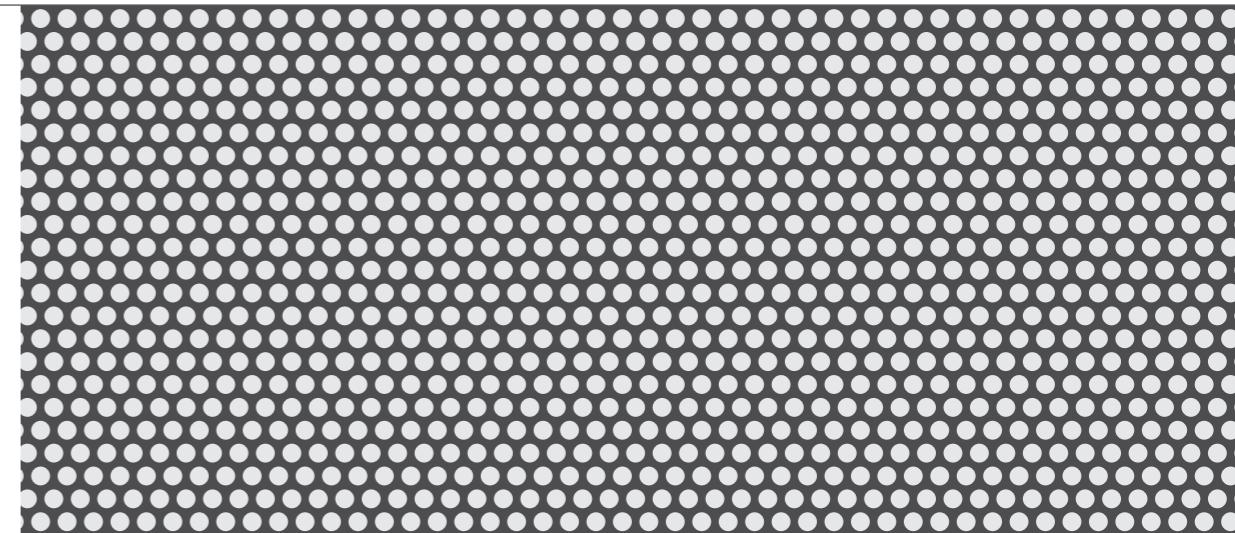


ESCALA | SCALE | ÉCHELLE 1:1

 R	0,8 mm
 T	2 mm
 I	14 %

		
Fe	2000x1000	0,5 - 0,8
I	A304L	2000x1000

R  
2,5  
T  
3,5

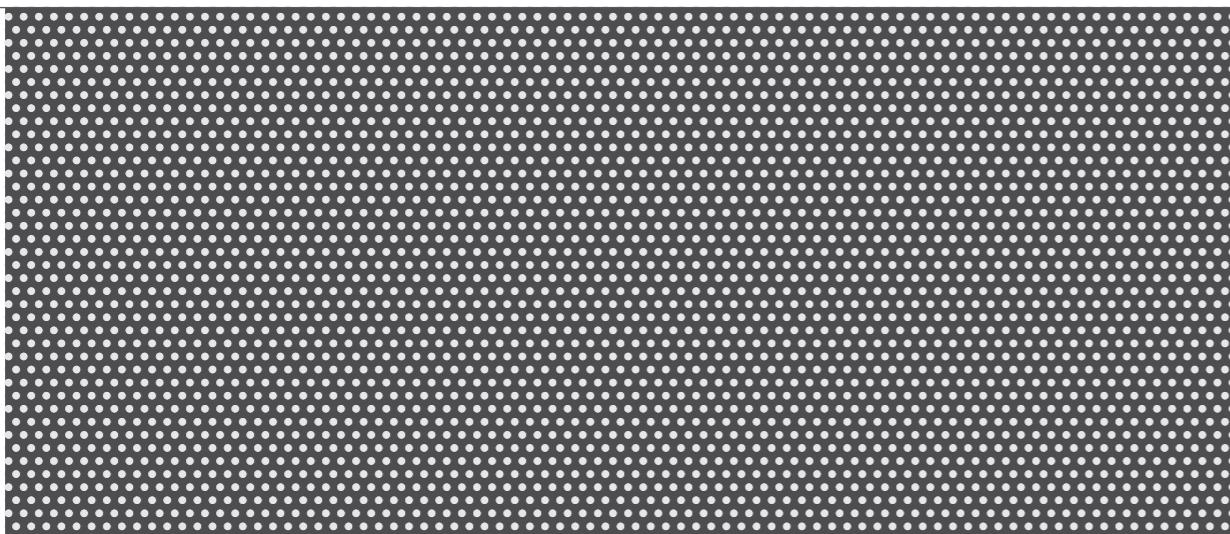


ESCALA | SCALE | ÉCHELLE 1:1

 R	2,5 mm
 T	3,5 mm
 I	46 %

		
Fe	2000x1000	1,5 - 2 - 2,5

R  
1  
T  
2

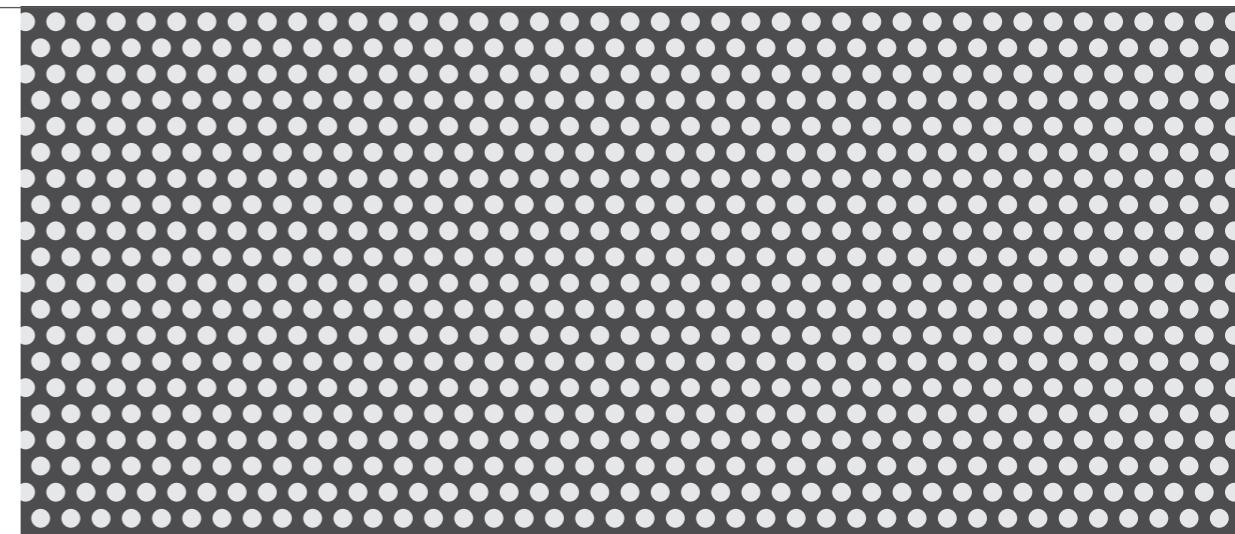


ESCALA | SCALE | ÉCHELLE 1:1

 R	1 mm
 T	2 mm
 I	23 %

		
Fe	2000x1000	0,5 - 0,8 - 1
I	A304L	2000x1000

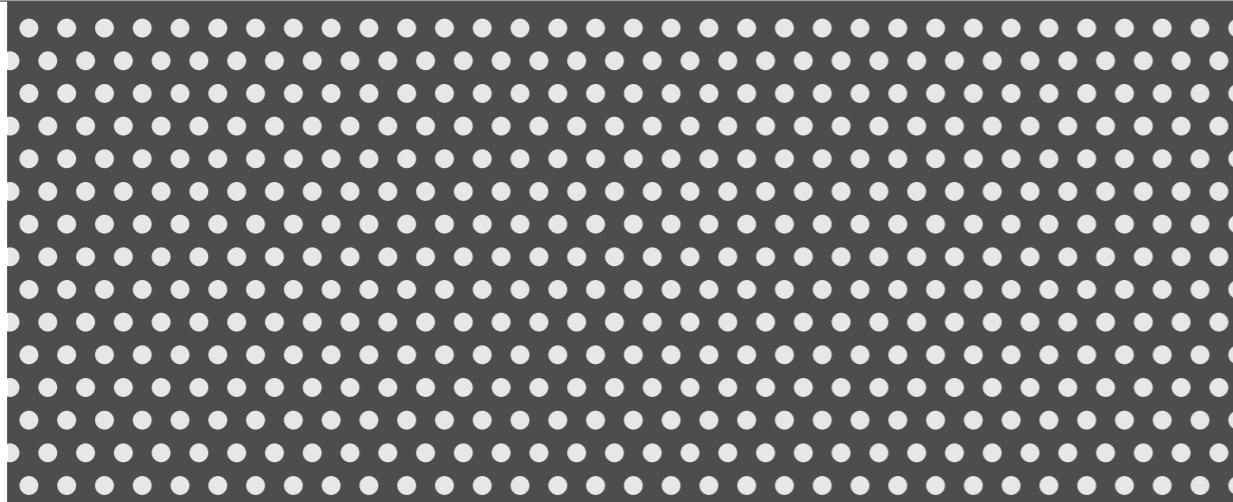
R  
2,5  
T  
4



ESCALA | SCALE | ÉCHELLE 1:1

		
Fe	2000x1000	1 - 1,5
I	A304L	2000x1000
I	A316L	2000x1000

R  
2,5  
T  
5



ESCALA | SCALE | ÉCHELLE 1:1

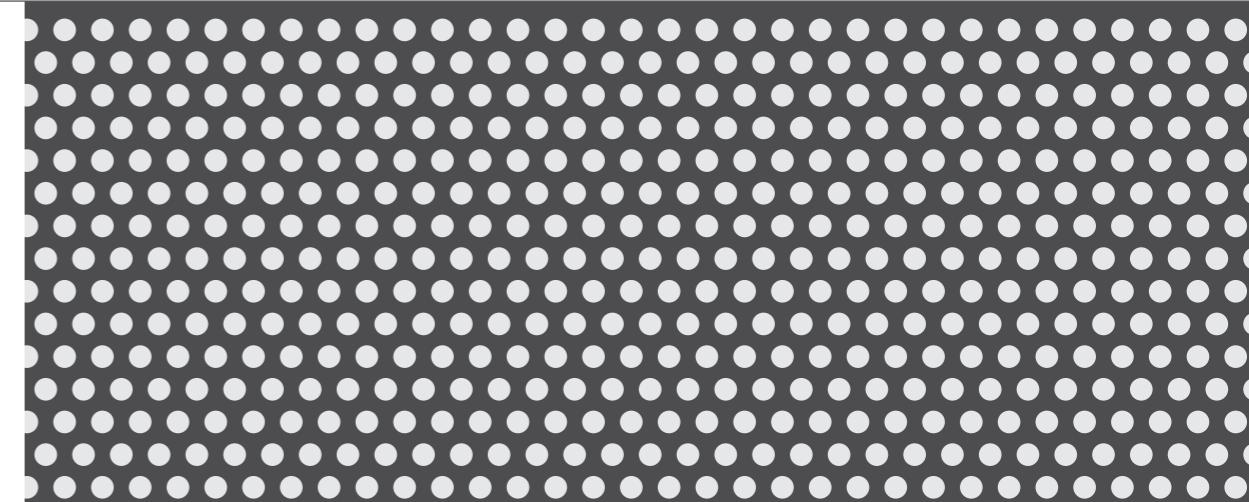
 **2,5 mm**

 **5 mm**

 **23 %**

		
<b>Fe</b>	2000x1000	2 - 2,5
<b>I</b>	A304L	2000x1000

R  
3  
T  
5



ESCALA | SCALE | ÉCHELLE 1:1

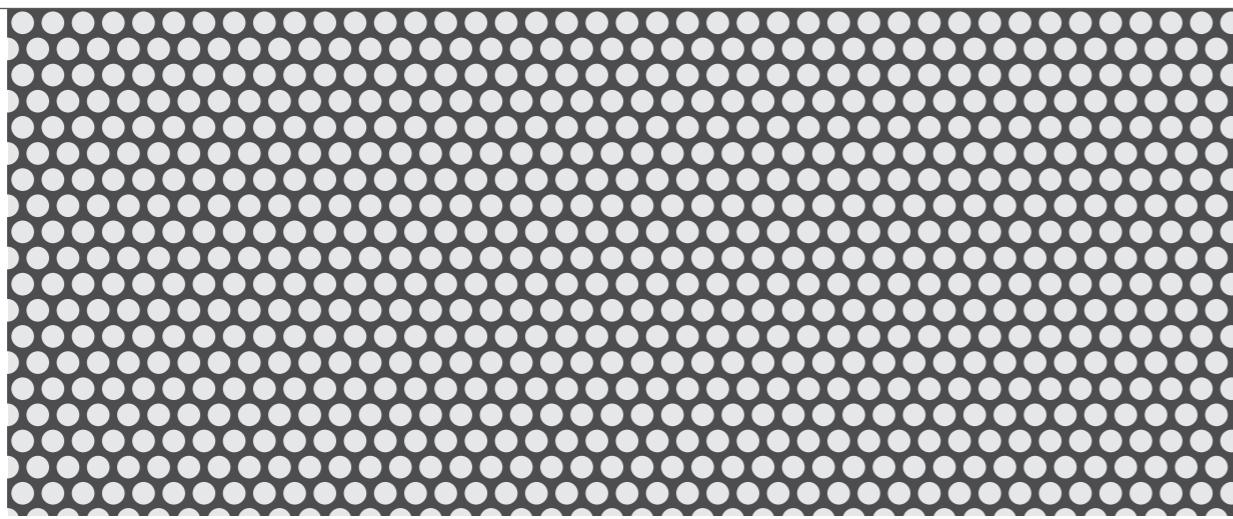
 **3 mm**

 **5 mm**

 **33 %**

		
<b>Fe</b>	2000x1000	0,5 - 0,8 - 1 - 1,5 - 2 - 3
<b>G</b>	2000x1000	0,8 - 1 - 1,5 - 2
<b>I</b>	A304L	2000x1000
<b>I</b>	A316L	2000x1000
<b>Fe</b> <b>G</b>	3000x1500	1,5 - 2
<b>F</b>	2500x1250	1 - 1,5 - 2

R  
3  
T  
4



ESCALA | SCALE | ÉCHELLE 1:1

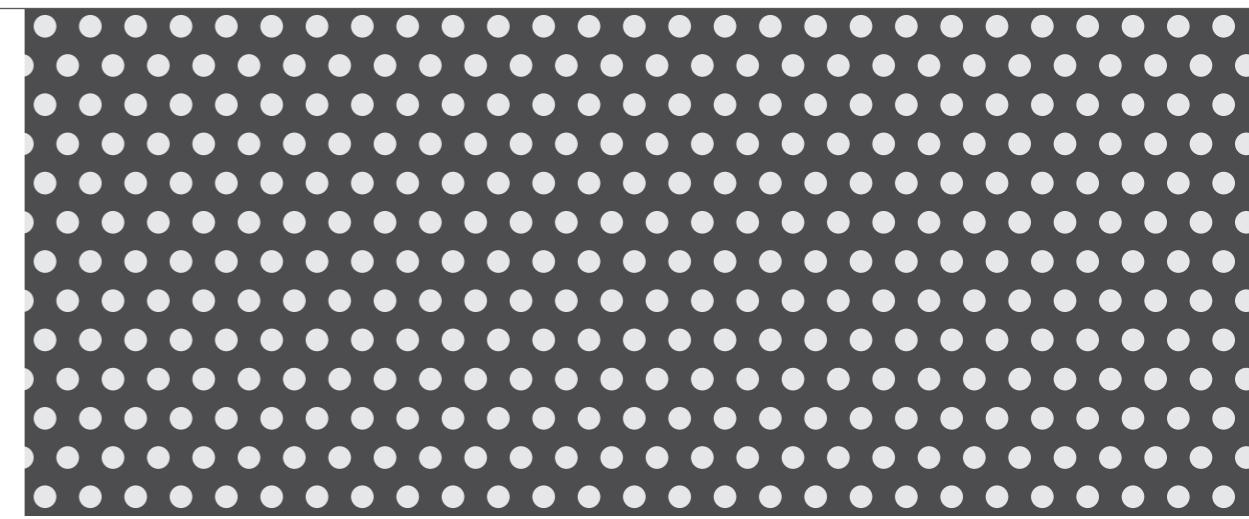
 **3 mm**

 **4 mm**

 **51 %**

		
<b>Fe</b>	2000x1000	1 - 1,5 - 2 - 2,5 - 3

R  
3  
T  
6



ESCALA | SCALE | ÉCHELLE 1:1

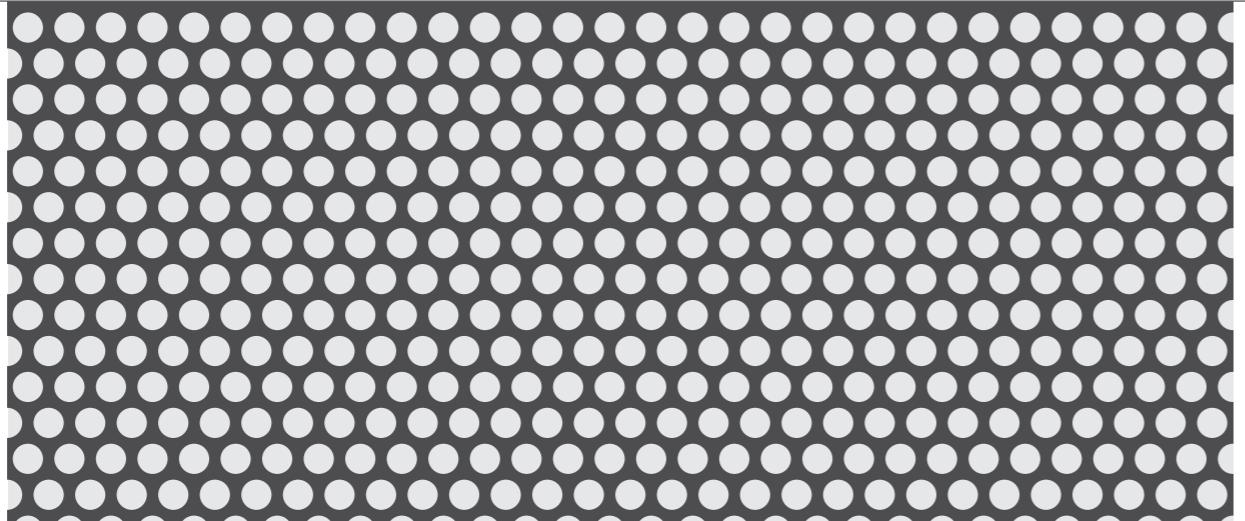
 **3 mm**

 **6 mm**

 **23 %**

		
<b>Fe</b>	2000x1000	3
<b>I</b>	A304L	2000x1000

# R 4 T 5,5

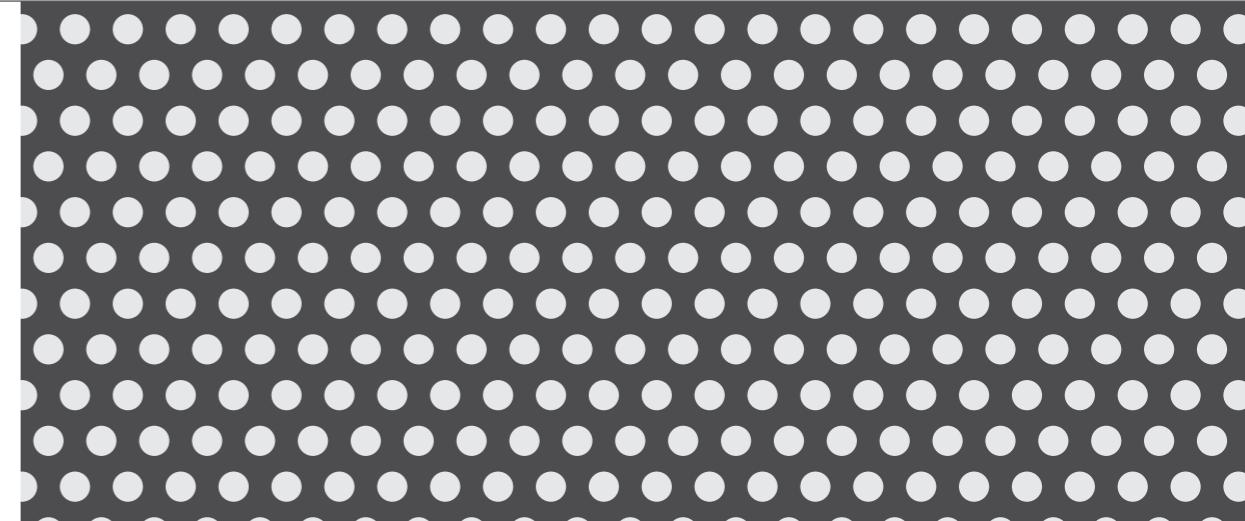


ESCALA | SCALE | ÉCHELLE 1:1

Fe	2000x1000	2 - 2,5 - 3	

- 4 mm
- 5,5 mm
- 48 %

# R 4 T 7

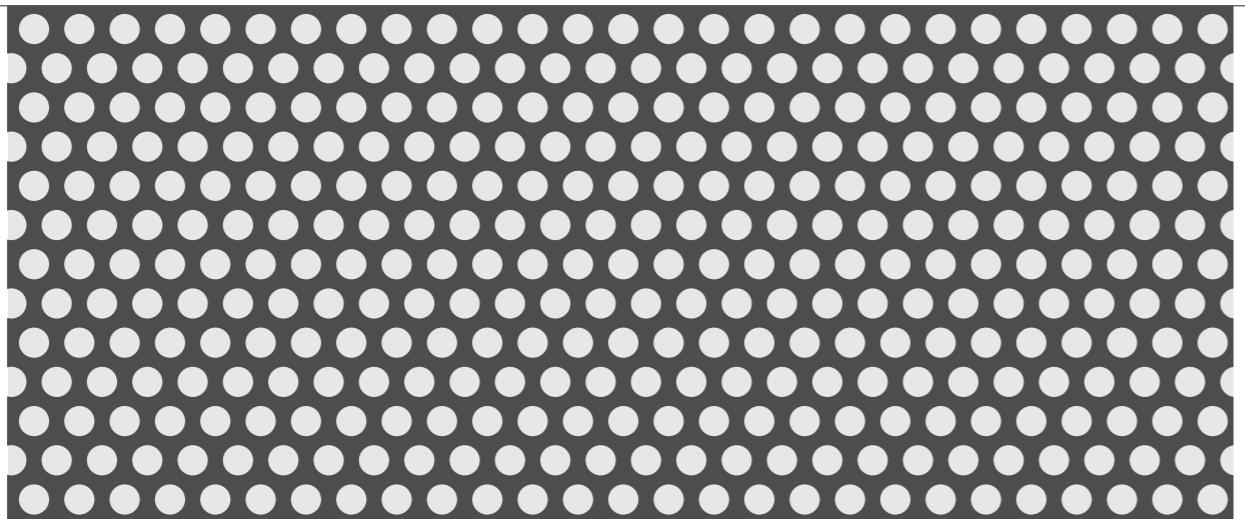


ESCALA | SCALE | ÉCHELLE 1:1

Fe	2000x1000	2 - 3 - 4	
I	A304L	2000x1000	1 - 1,5

- 4 mm
- 7 mm
- 30 %

# R 4 T 6

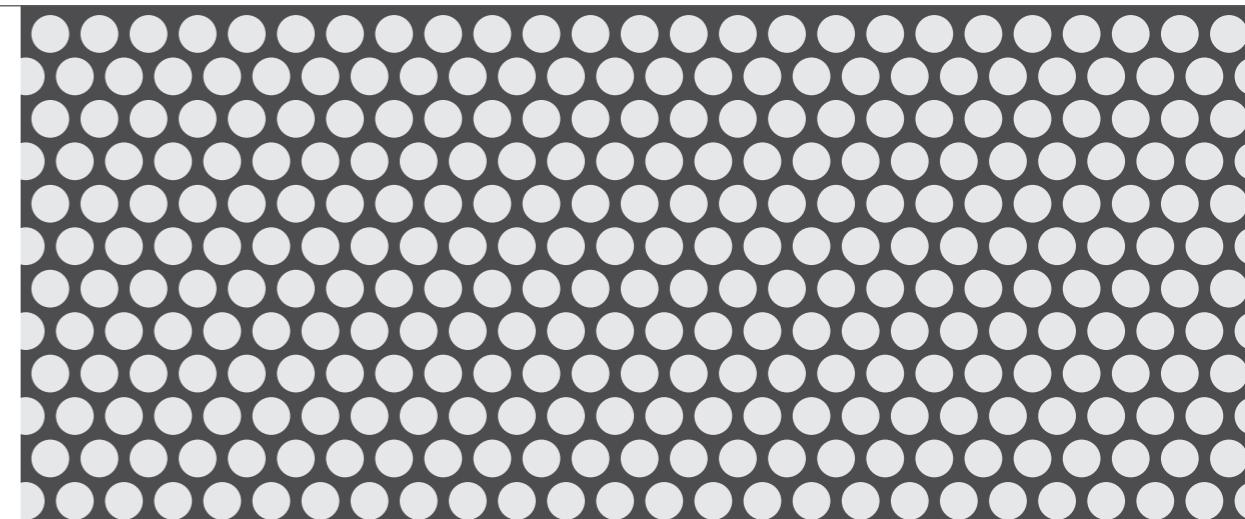


ESCALA | SCALE | ÉCHELLE 1:1

Fe	2000x1000	0,8 - 1 - 1,5 - 2 - 3	
G	2000x1000	1 - 1,5	
I	A304L	2000x1000	1 - 1,5
I	A316L	2000x1000	1 - 1,5
Fe	G	3000x1500	1,5

- 4 mm
- 6 mm
- 40 %

# R 5 T 6,5

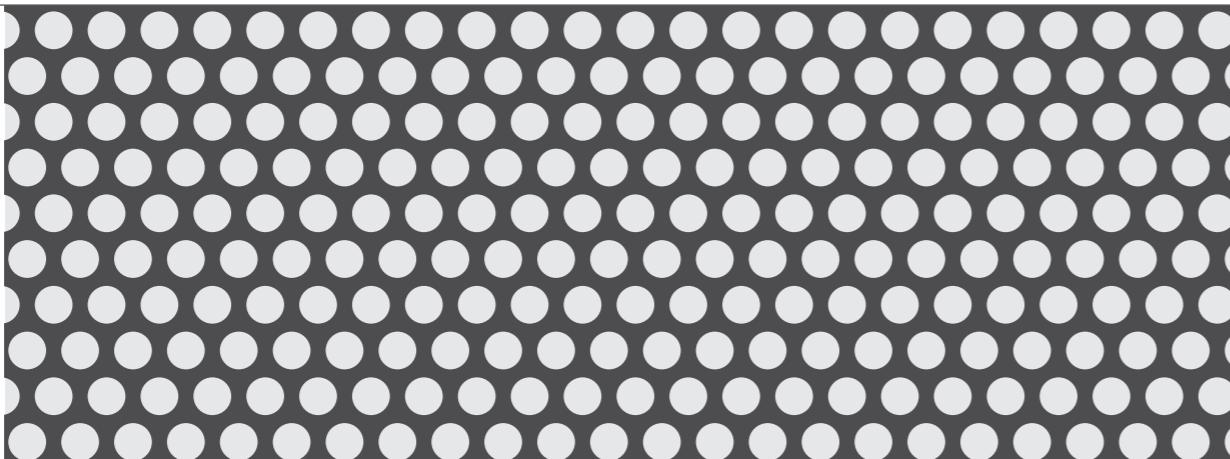


ESCALA | SCALE | ÉCHELLE 1:1

Fe	2000x1000	2 - 3	
I	A304L	2000x1000	1 - 1,5
I	A316L	2000x1000	1 - 1,5

- 5 mm
- 6,5 mm
- 54 %

R  
5  
T  
7

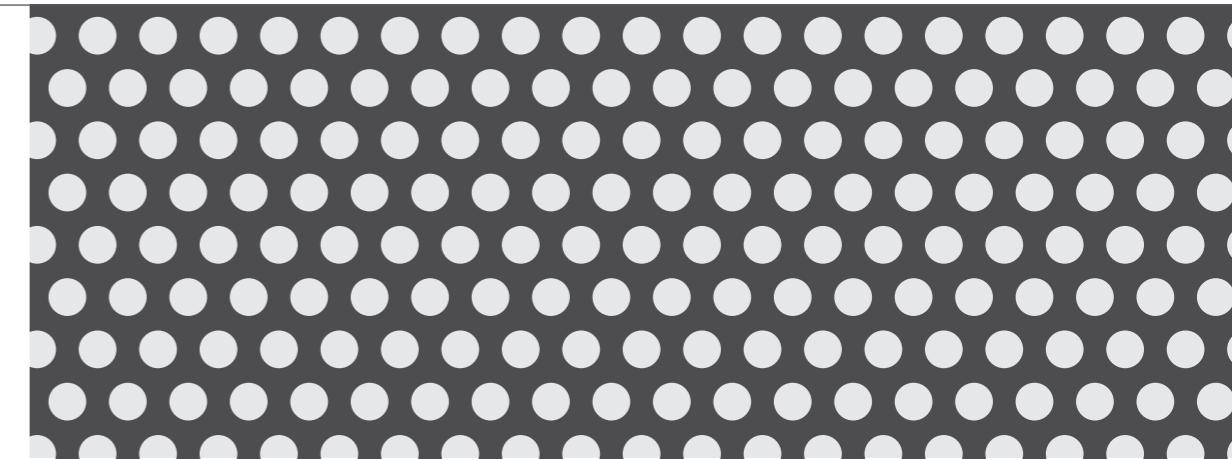


ESCALA | SCALE | ÉCHELLE 1:1

 5 mm  
 7 mm  
 46 %

			
<b>F</b>	2000x1000	0,5 - 0,8 - 1 - 1,5 - 3	
<b>G</b>	2000x1000	1 - 1,5	
<b>I</b>	A304L	2000x1000	1 - 1,5
<b>I</b>	A316L	2000x1000	1 - 1,5
<b>F</b> <b>G</b>	3000x1500	1,5	
<b>F</b>	2500x1250	1,5	
<b>G</b>	2500x1250	1 - 1,5	

R  
5  
T  
8

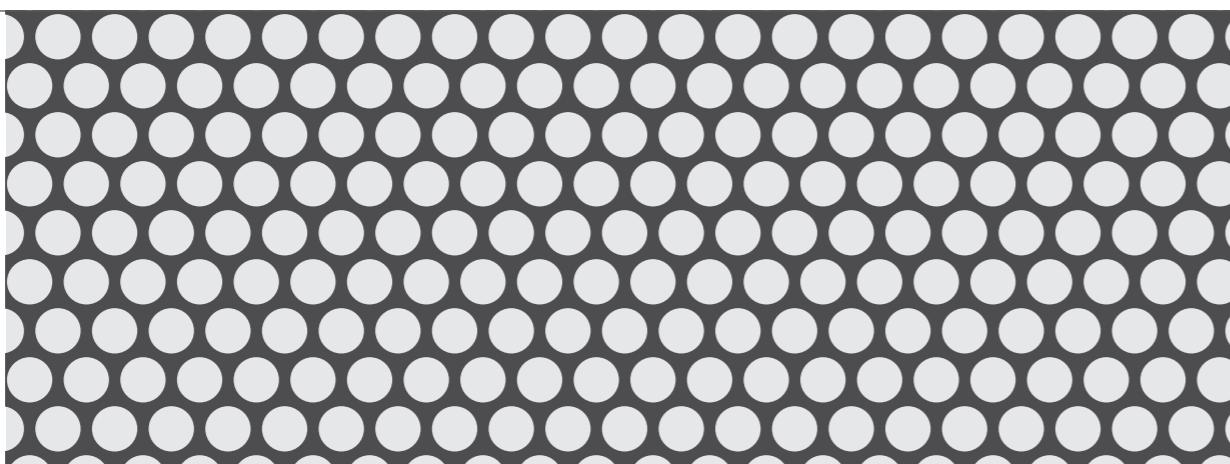


ESCALA | SCALE | ÉCHELLE 1:1

 5 mm  
 8 mm  
 35 %

			
<b>Fe</b>	2000x1000	1 - 1,5 - 2 - 3 - 4 - 5	
<b>G</b>	2000x1000	1 - 1,5 - 2	
<b>I</b>	A304L	2000x1000	2 - 3 - 4
<b>I</b>	A316L	2000x1000	1,5 - 2
<b>Fe</b> <b>G</b>	3000x1500	2	
<b>Fe</b>	2500x1250	1,5 - 2	
<b>G</b>	2500x1250	1,5	

R  
6  
T  
7,5

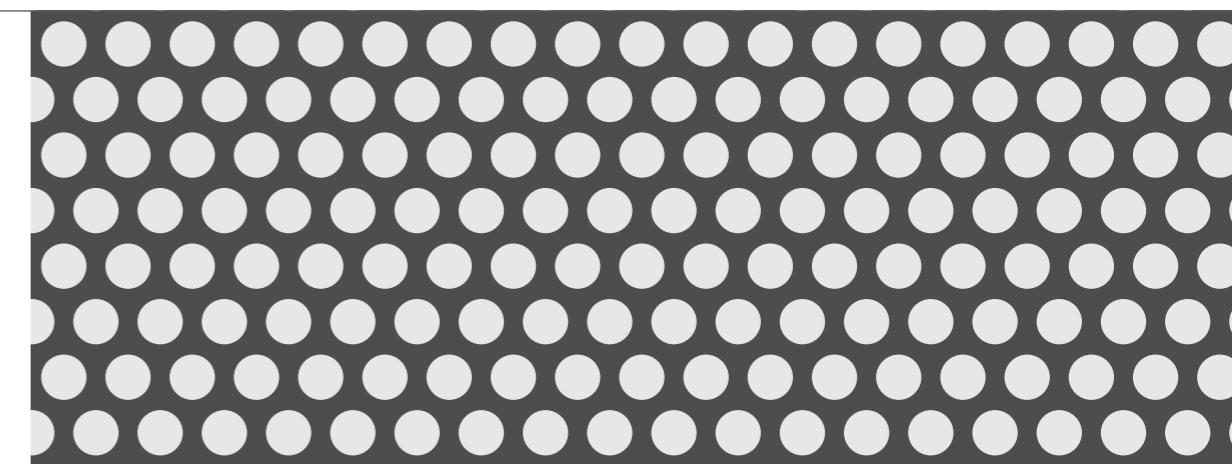


ESCALA | SCALE | ÉCHELLE 1:1

 6 mm  
 7,5 mm  
 58 %

			
<b>Fe</b>	2000x1000	2 - 3	

R  
6  
T  
8,5

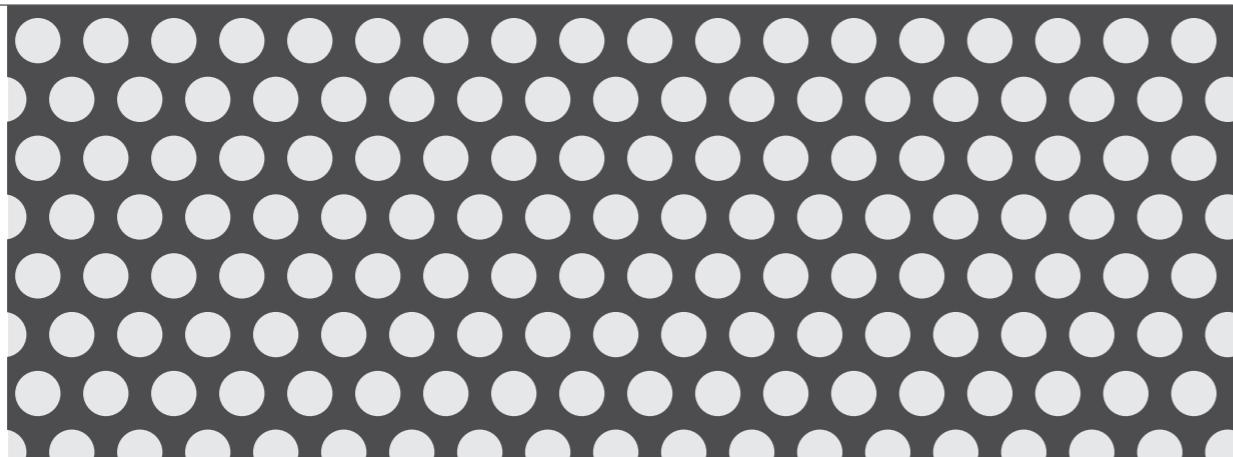


ESCALA | SCALE | ÉCHELLE 1:1

 6 mm  
 8,5 mm  
 45 %

			
<b>Fe</b>	2000x1000	1 - 1,5 - 2 - 3 - 4 - 5	
<b>G</b>	2000x1000	1,5	
<b>I</b>	A304L	2000x1000	1 - 1,5
<b>I</b>	A316L	2000x1000	1 - 1,5
<b>Fe</b> <b>G</b>	3000x1500	1,5	

# R 6 T 9

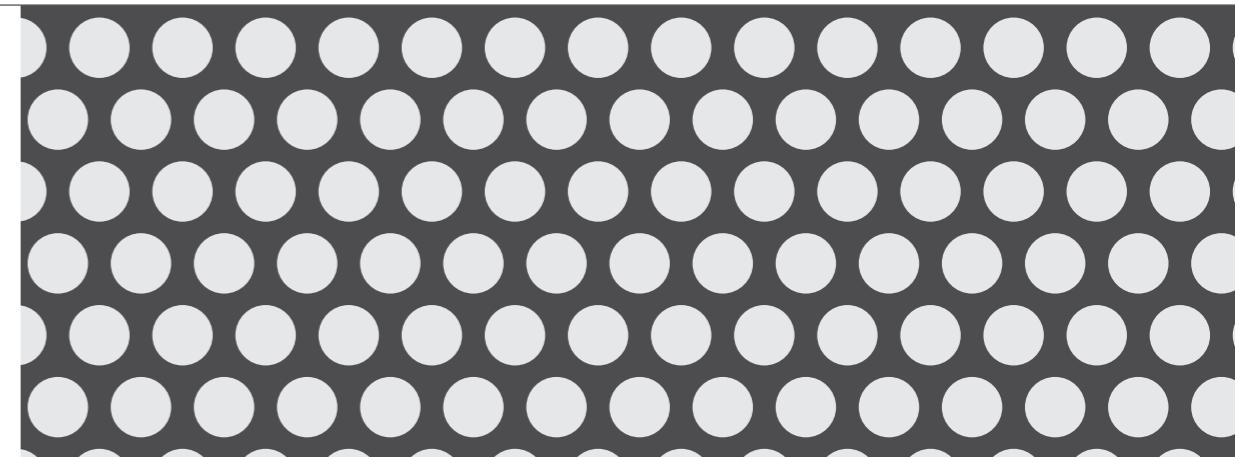


ESCALA | SCALE | ÉCHELLE 1:1

	6 mm
	9 mm
	40 %

Fe	2000x1000	1 - 1,5
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# R 8 T 11



ESCALA | SCALE | ÉCHELLE 1:1

	8 mm
	11 mm
	48 %

Fe	2000x1000	0,8 - 1 - 1,5 - 3
----	-----------	-------------------

G	2000x1000	0,8 - 1 - 1,5
---	-----------	---------------

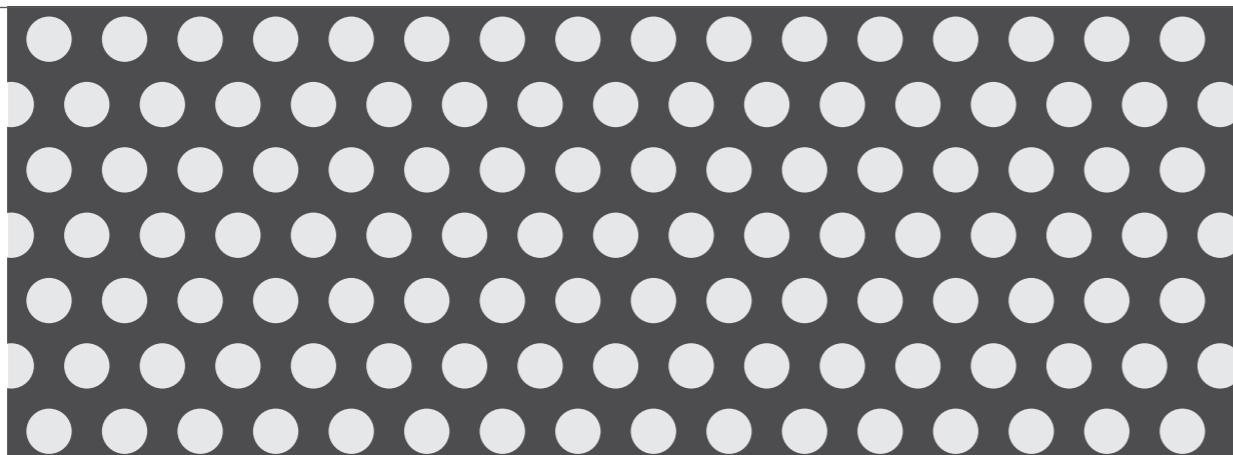
I A304L	2000x1000	1 - 1,5
---------	-----------	---------

I A316L	2000x1000	1 - 1,5
---------	-----------	---------

Fe G	3000x1500	1,5
------	-----------	-----

Fe	2500x1250	1,5
----	-----------	-----

# R 6 T 10



ESCALA | SCALE | ÉCHELLE 1:1

	6 mm
	10 mm
	33 %

Fe	2000x1000	2 - 3 - 4 - 5 - 6
----	-----------	-------------------

G	2000x1000	2
---	-----------	---

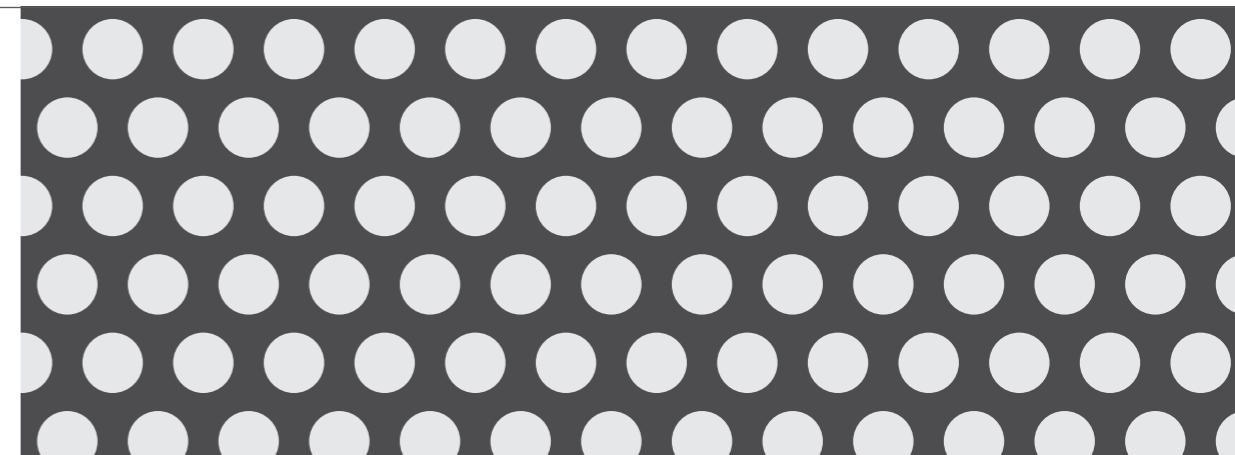
I A304L	2000x1000	2 - 3 - 4
---------	-----------	-----------

I A316L	2000x1000	2
---------	-----------	---

Fe G	3000x1500	2
------	-----------	---

Fe	2500x1250	2
----	-----------	---

# R 8 T 12



ESCALA | SCALE | ÉCHELLE 1:1

	8 mm
	12 mm
	40 %

Fe	2000x1000	1,5 - 2 - 3 - 4 - 5 - 6
----	-----------	-------------------------

G	2000x1000	1,5 - 2
---	-----------	---------

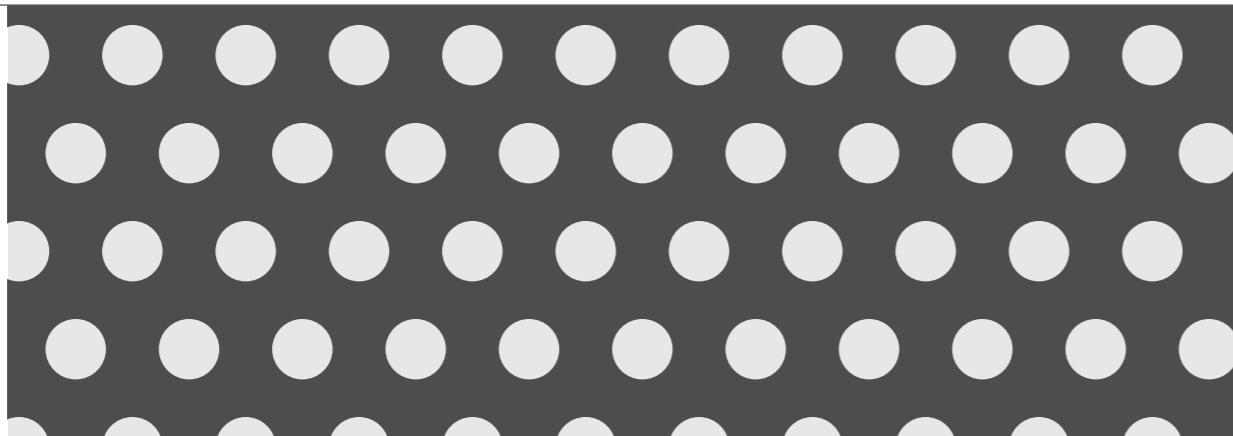
I A304L	2000x1000	1 - 2 - 3 - 4
---------	-----------	---------------

I A316L	2000x1000	1,5 - 2
---------	-----------	---------

Fe G	3000x1500	2
------	-----------	---

Fe	2500x1250	1,5
----	-----------	-----

**R  
8  
T  
15**

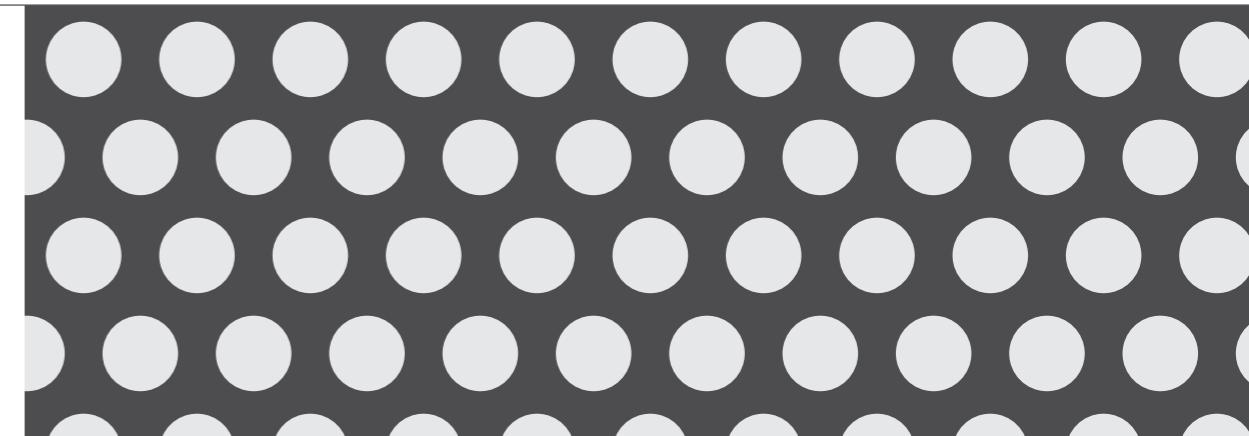


ESCALA | SCALE | ÉCHELLE 1:1

		
<b>Fe</b>	2000x1000	8

- R** 8 mm
- T** 15 mm
- I** 26 %

**R  
10  
T  
15**

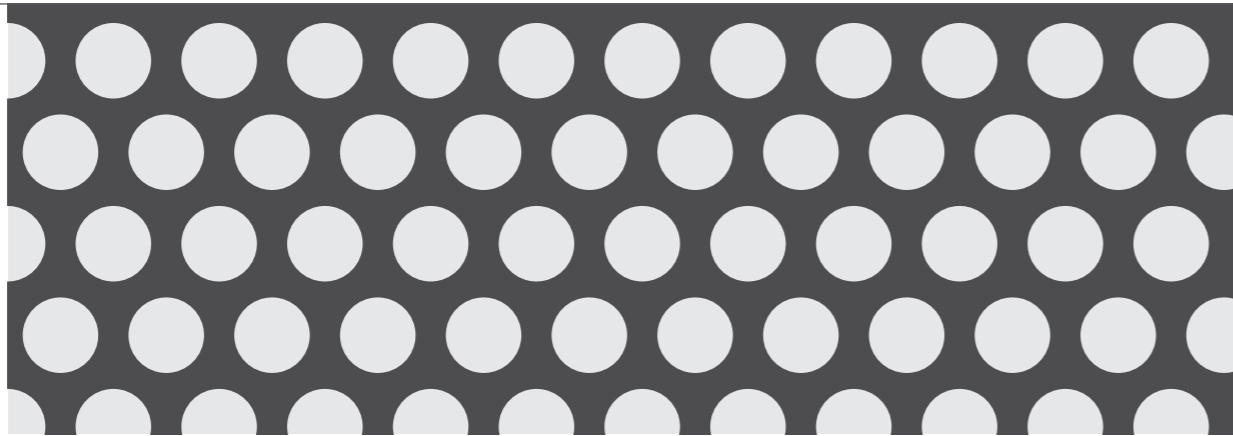


ESCALA | SCALE | ÉCHELLE 1:1

- R** 10 mm
- T** 15 mm
- I** 40 %

		
<b>Fe</b>	2000x1000	1,5 - 2 - 3 - 4 - 5 - 6
<b>G</b>	2000x1000	1,5 - 2
<b>I</b>	A304L	2000x1000
<b>I</b>	A316L	2000x1000
<b>Fe</b>	<b>G</b>	3000x1500
<b>Fe</b>		2500x1250
<b>G</b>		2500x1250

**R  
10  
T  
14**

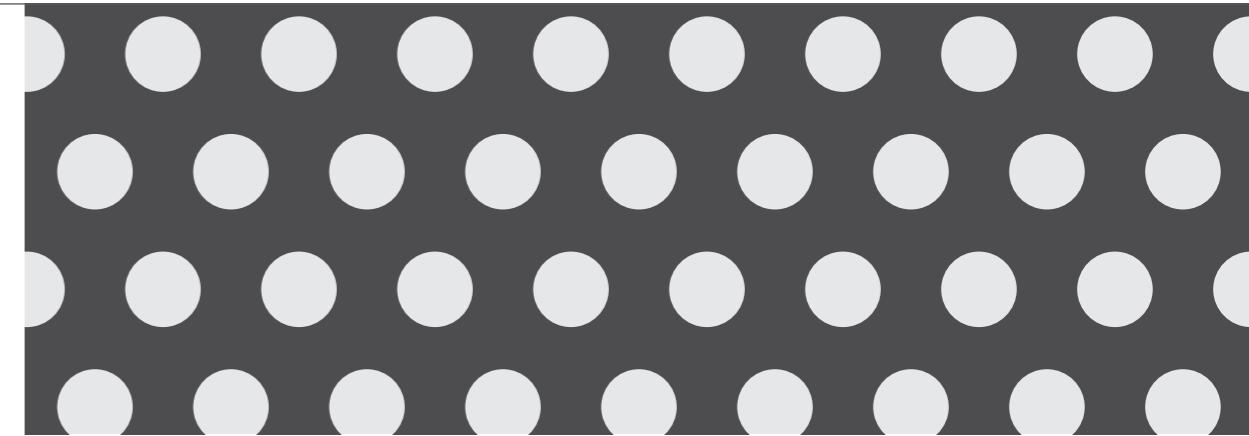


ESCALA | SCALE | ÉCHELLE 1:1

		
<b>Fe</b>	2000x1000	0,8 - 1 - 1,5 - 2
<b>G</b>	2000x1000	1 - 1,5 - 2
<b>I</b>	A304L	2000x1000
<b>I</b>	A316L	2000x1000
<b>Fe</b>	<b>G</b>	3000x1500
<b>Fe</b>	<b>G</b>	2500x1250

- R** 10 mm
- T** 14 mm
- I** 46 %

**R  
10  
T  
18**

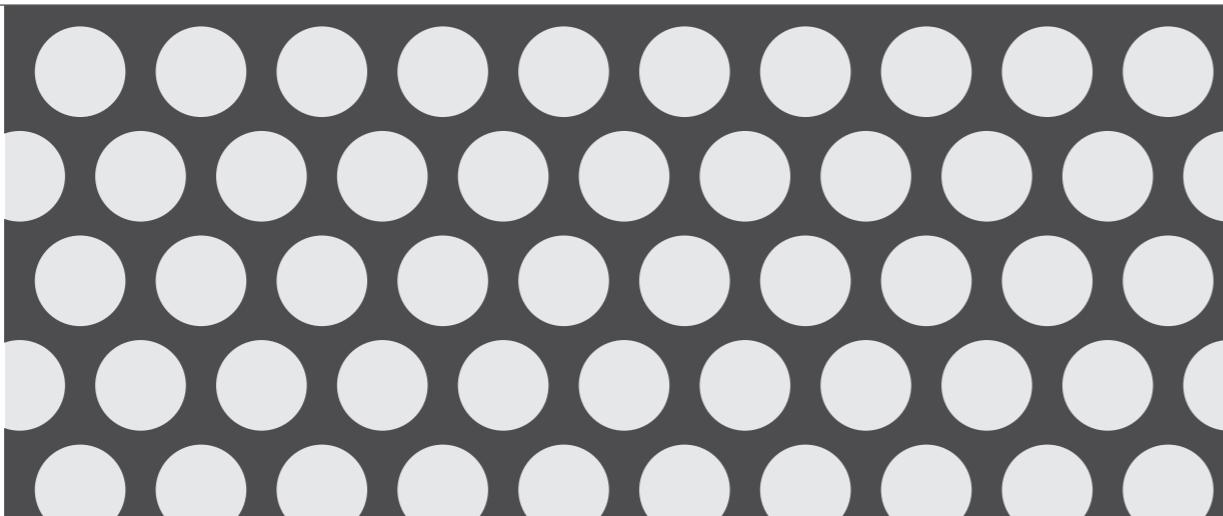


ESCALA | SCALE | ÉCHELLE 1:1

- R** 10 mm
- T** 18 mm
- I** 28 %

		
<b>Fe</b>	2000x1000	8 - 10

**R  
12  
T  
16**

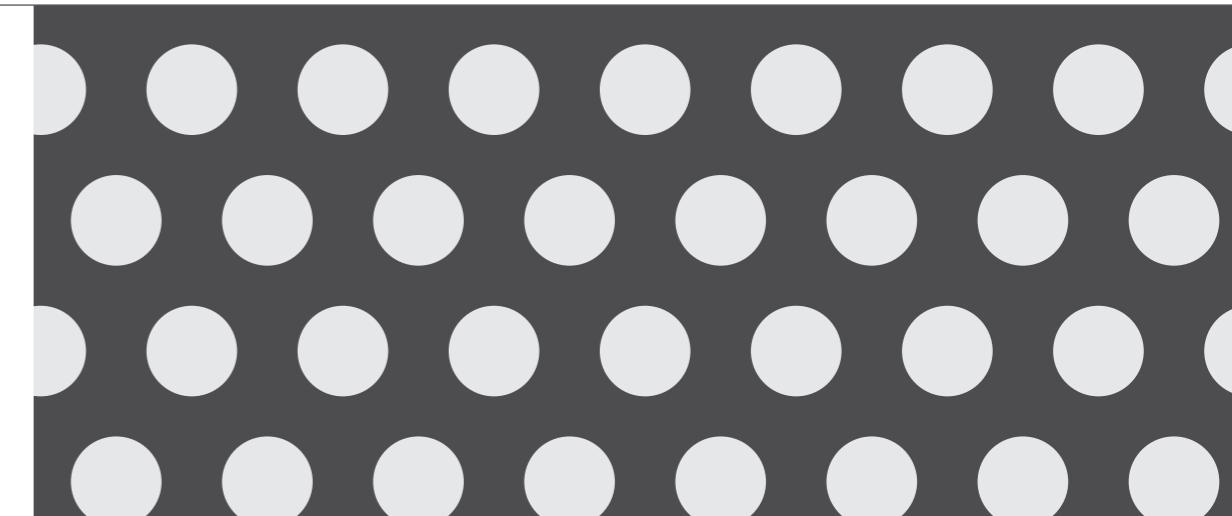


ESCALA | SCALE | ÉCHELLE 1:1

 R	12 mm
 T	16 mm
 51 %	

		
 Fe	2000x1000	1 - 1,5
 I	A304L	2000x1000

**R  
12  
T  
20**

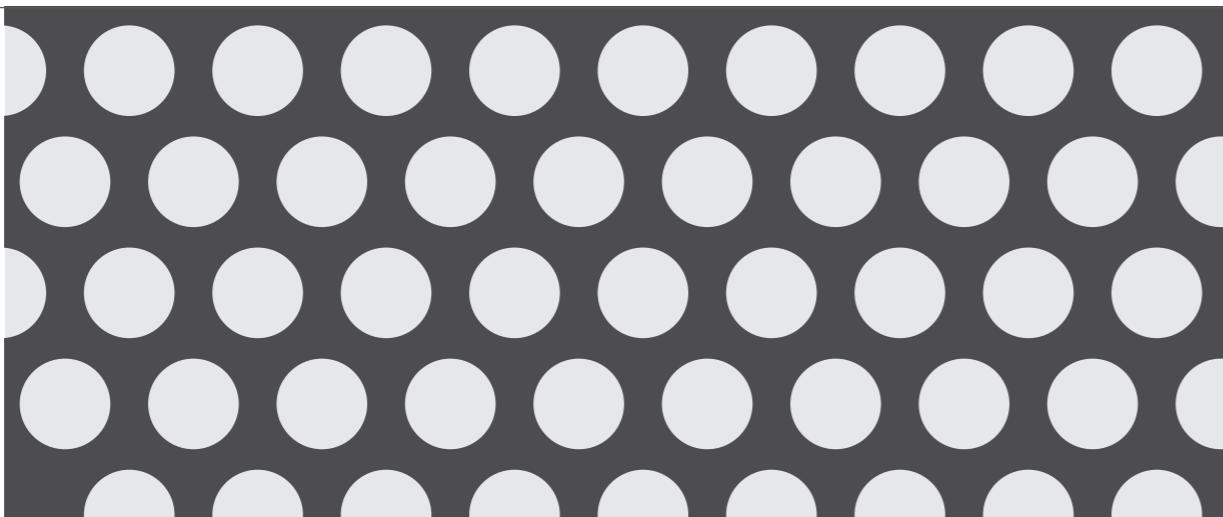


ESCALA | SCALE | ÉCHELLE 1:1

 R	12 mm
 T	20 mm
 33 %	

		
 Fe	2000x1000	8 - 10

**R  
12  
T  
17**

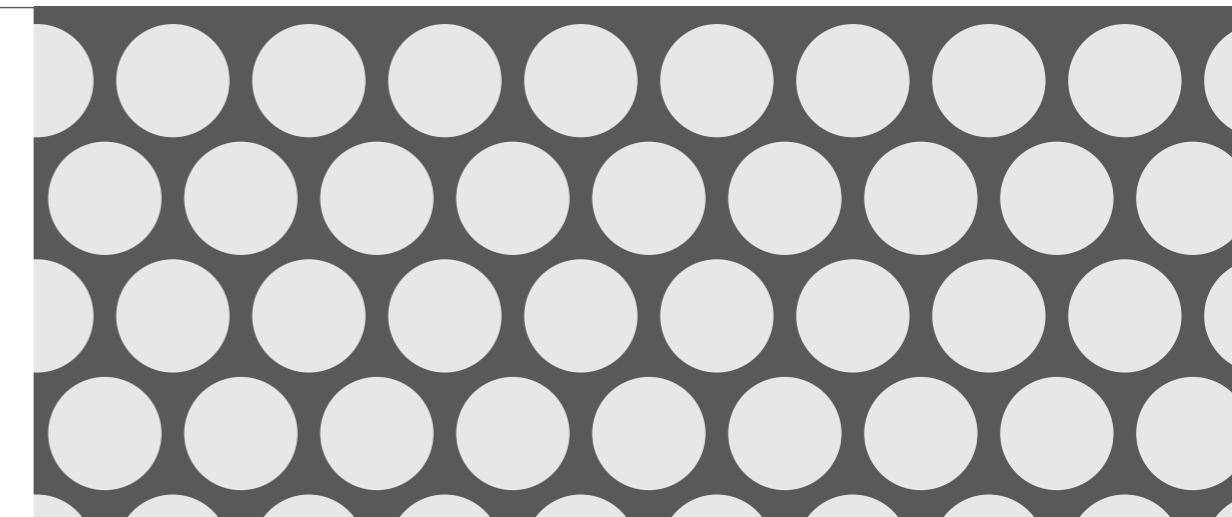


ESCALA | SCALE | ÉCHELLE 1:1

 R	12 mm
 T	17 mm
 45 %	

		
 Fe	2000x1000	2 - 3 - 4 - 5 - 6
 I	A304L	2000x1000

**R  
15  
T  
18**

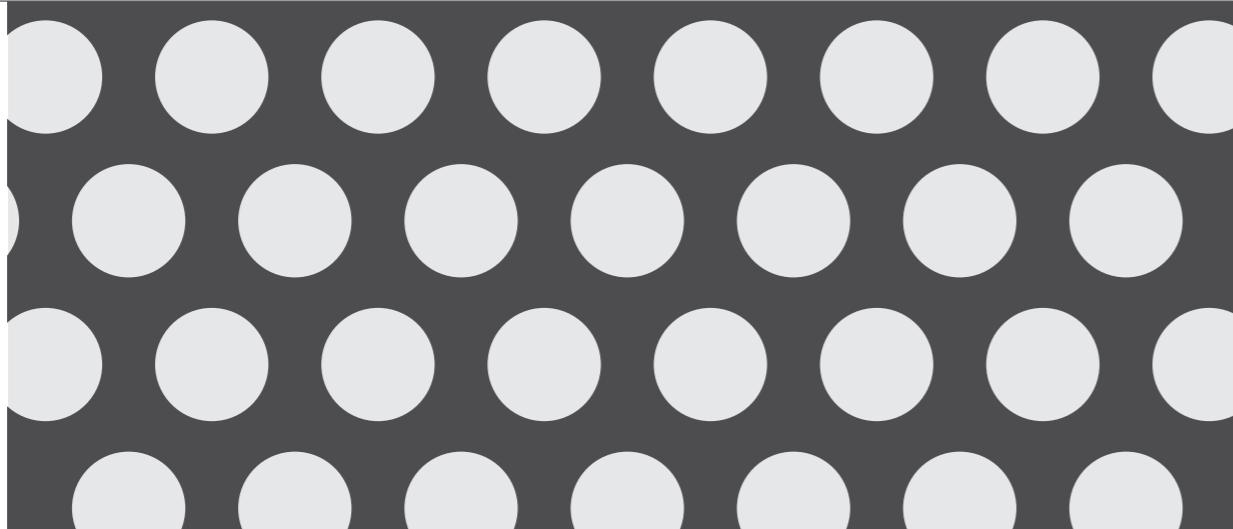


ESCALA | SCALE | ÉCHELLE 1:1

 R	15 mm
 T	18 mm
 63 %	

		
 Fe	2000x1000	1 - 1,5
 G	2000x1000	1,5
 I	A304L	2000x1000

**R  
15  
T  
22**

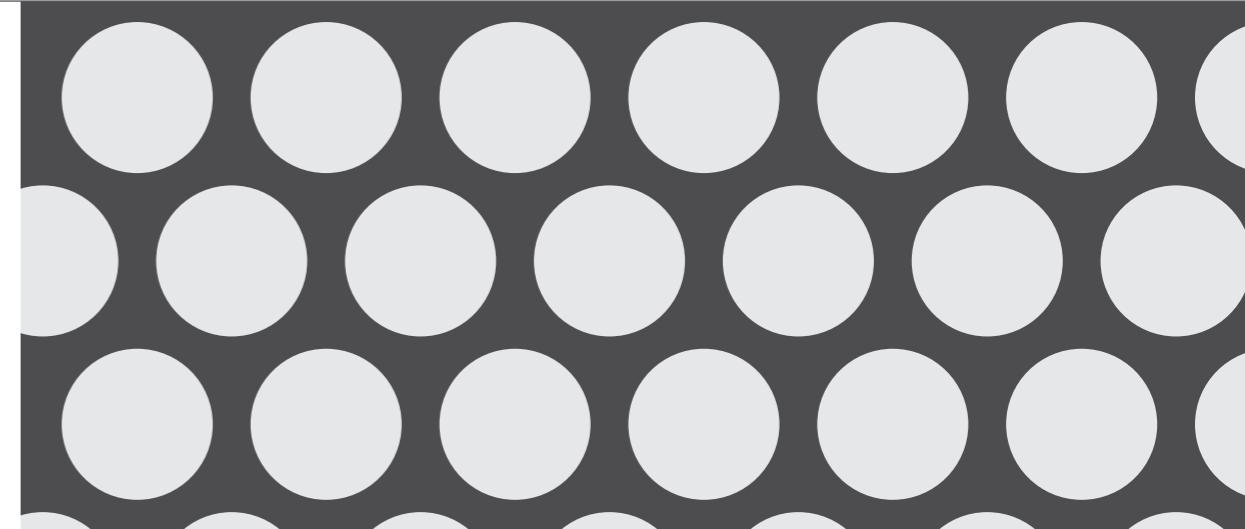


ESCALA | SCALE | ÉCHELLE 1:1

 R	15 mm
 T	22 mm
 I	51 %

		
Fe	2000x1000	2 - 3 - 4 - 5 - 6
G	2000x1000	2
I	A304L	2000x1000
		2 - 3

**R  
20  
T  
25**

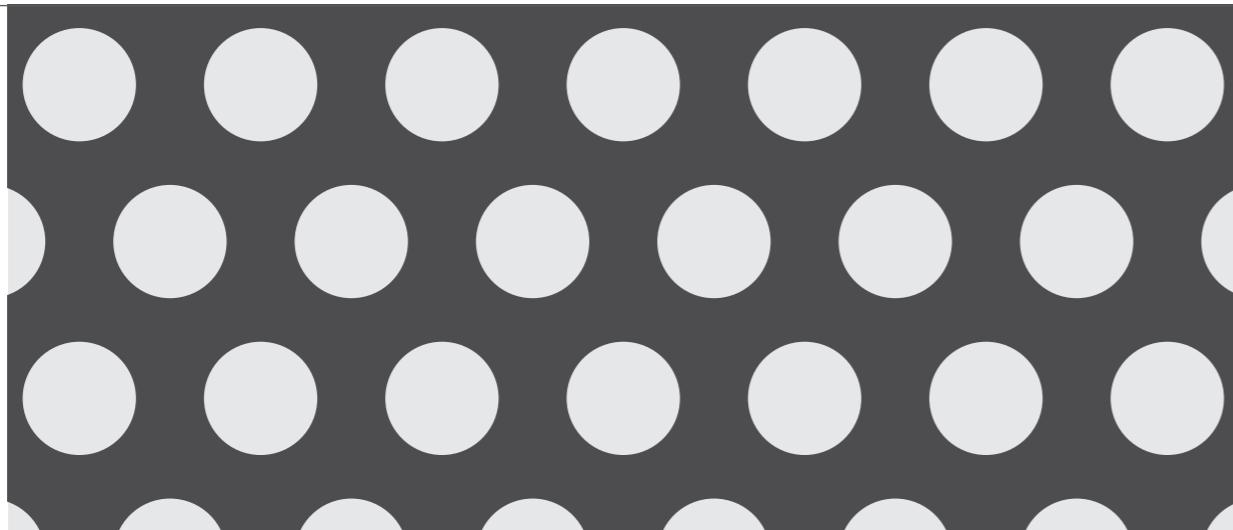


ESCALA | SCALE | ÉCHELLE 1:1

 R	20 mm
 T	25 mm
 I	58 %

		
Fe	2000x1000	8 - 10

**R  
15  
T  
24**

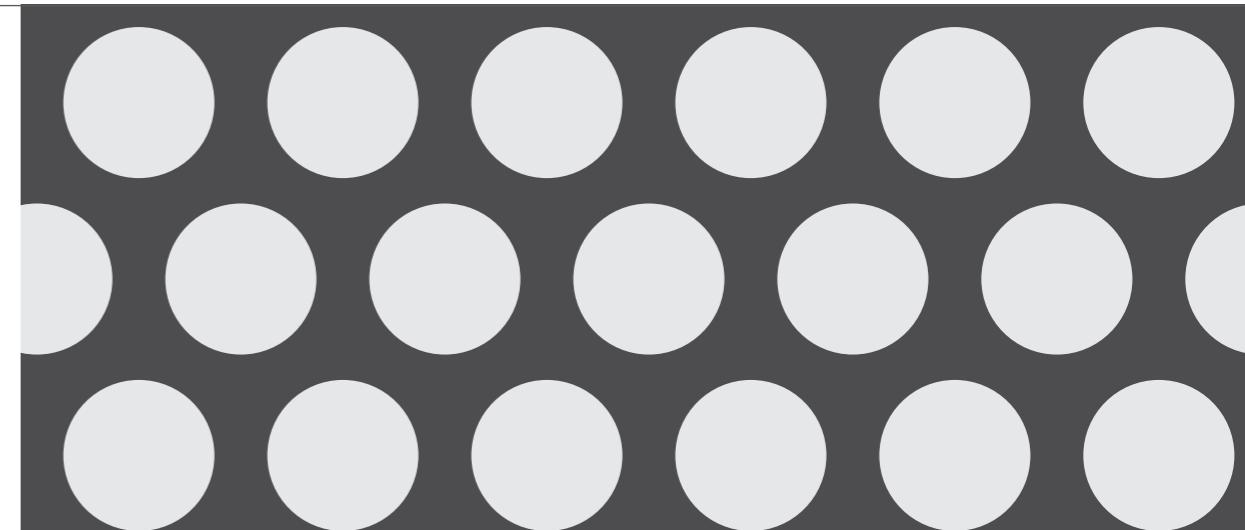


ESCALA | SCALE | ÉCHELLE 1:1

 R	15 mm
 T	24 mm
 I	35 %

		
Fe	2000x1000	10

**R  
20  
T  
27**

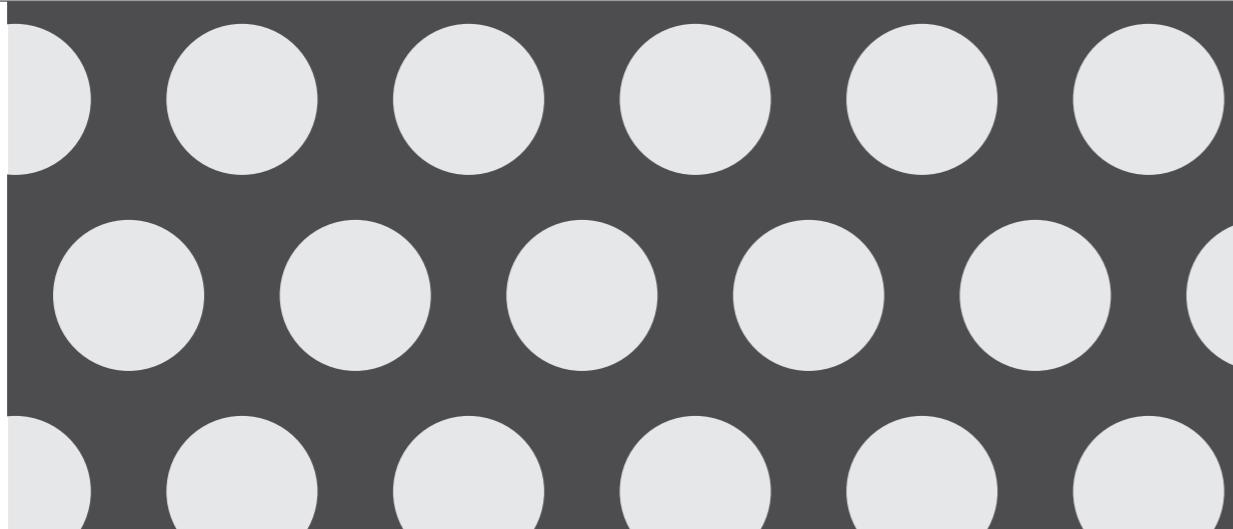


ESCALA | SCALE | ÉCHELLE 1:1

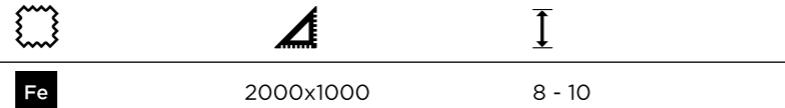
 R	20 mm
 T	27 mm
 I	50 %

		
Fe	2000x1000	2 - 3 - 4 - 5 - 6
I	2000x1000	2
Fe	3000x1500	2
Fe	2500x1250	2

**R  
20  
T  
30**



ESCALA | SCALE | ÉCHELLE 1:1

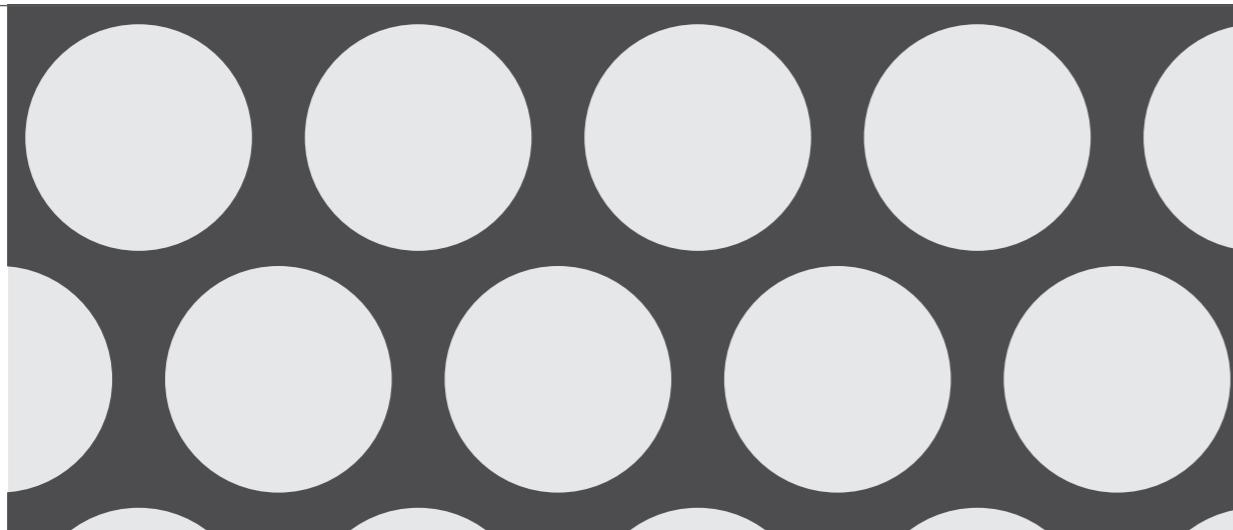


Fe 2000x1000

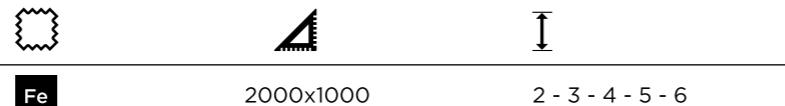
8 - 10

- R 20 mm
- T 30 mm
- 💡 40 %

**R  
30  
T  
37**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 2000x1000

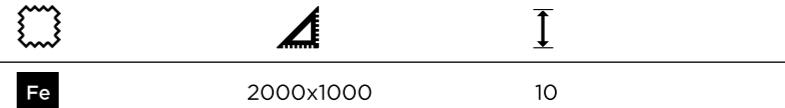
2 - 3 - 4 - 5 - 6

- R 30 mm
- T 37 mm
- 💡 60 %

**R  
30  
T  
40**



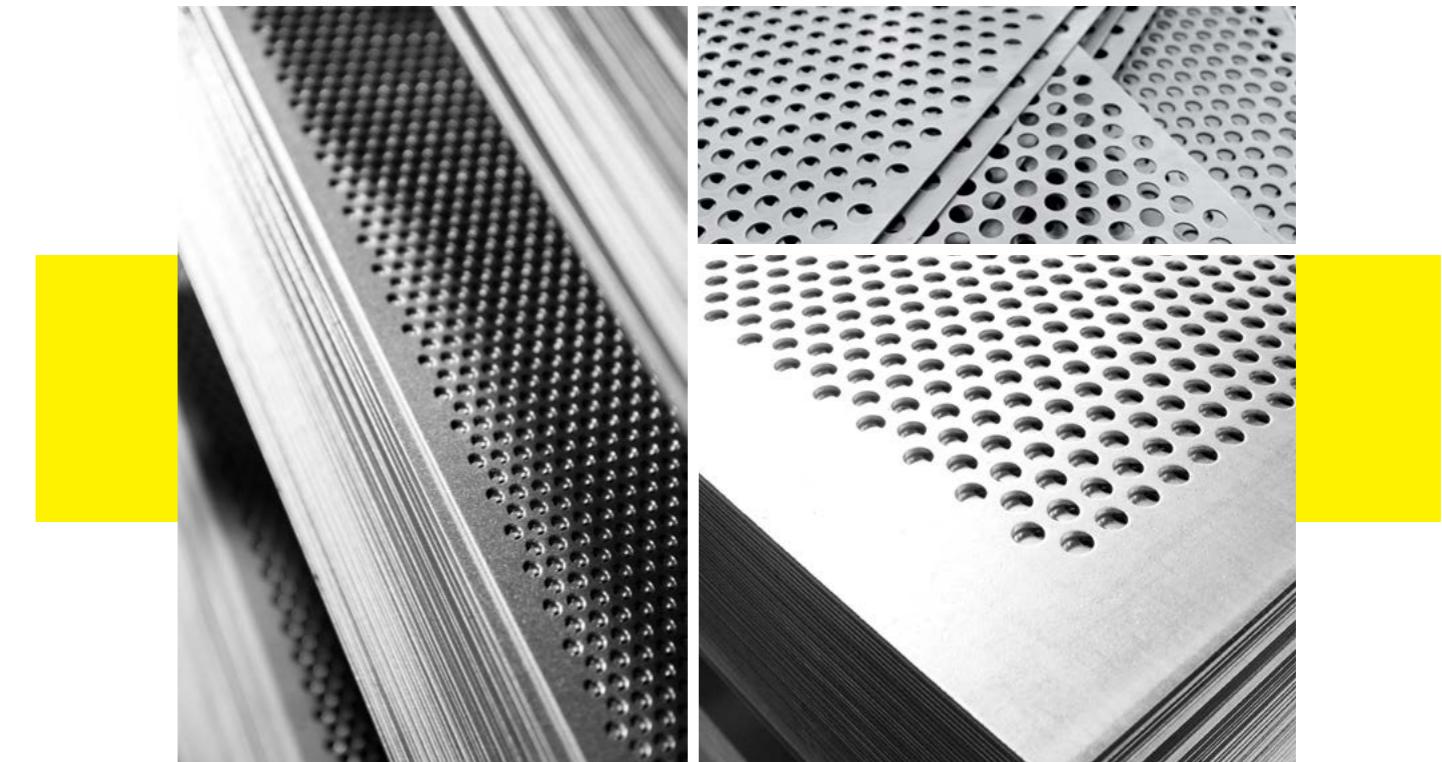
ESCALA | SCALE | ÉCHELLE 1:1

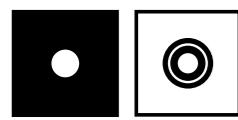


Fe 2000x1000

10

- R 30 mm
- T 40 mm
- 💡 51 %





## AGUJEROS ABOCARDADOS

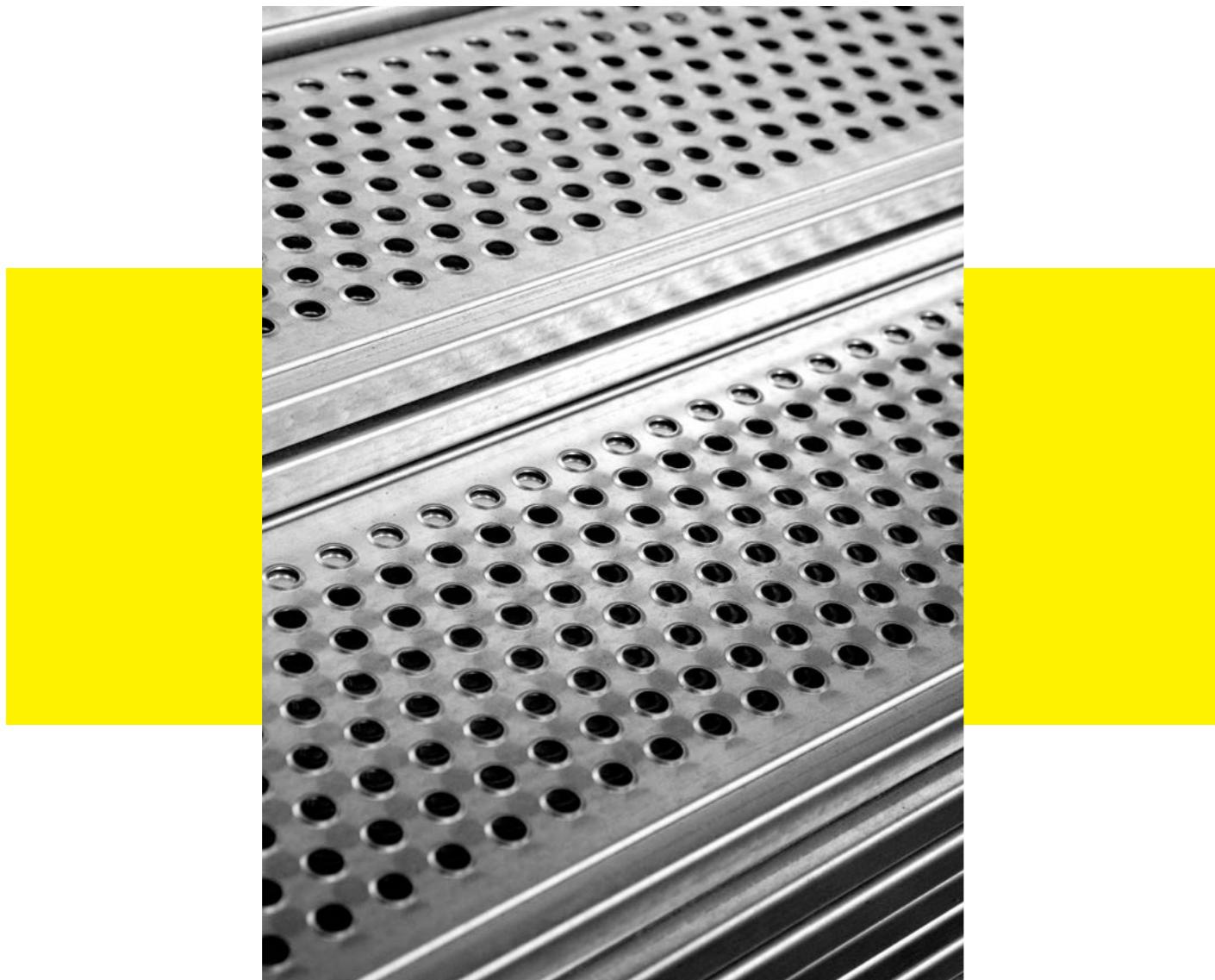
EMBOSSED HOLES | TROUS EMBOUTIS



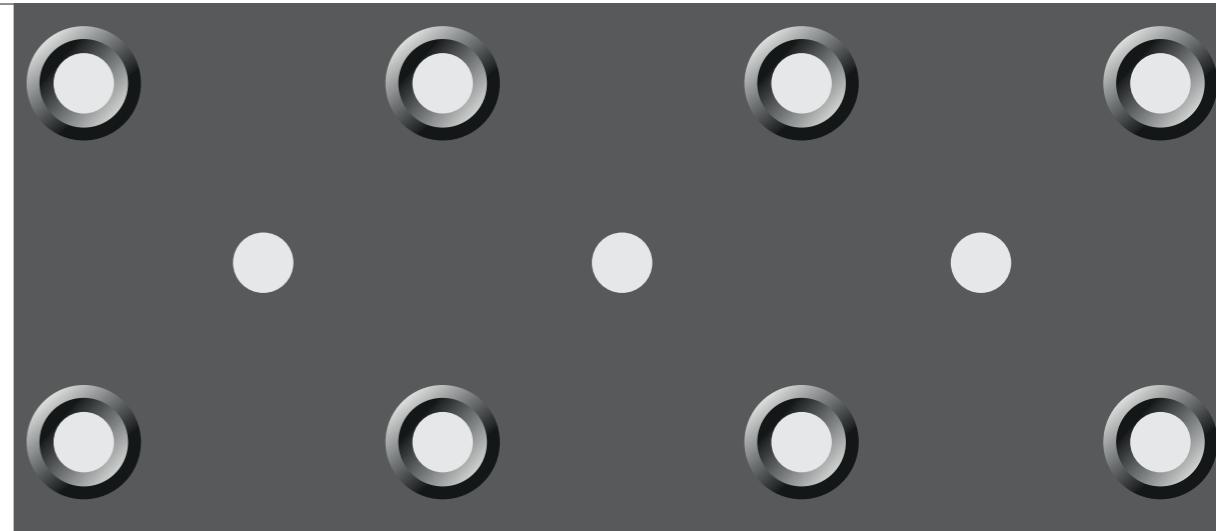
SUELO ANTIDESLIZANTE

NON-SLIP FLOOR

SOLS ANTI-DÉRAPANTS



R  
8



ESCALA | SCALE | ÉCHELLE 1:1

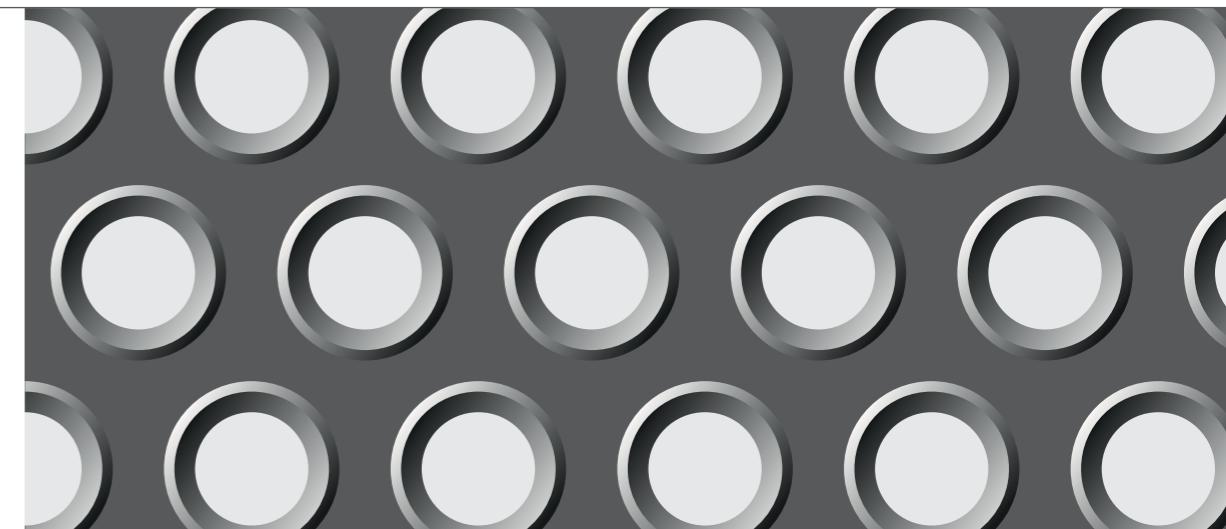
R 8 mm

G 5 %

Recanorm

	Fe	2000x1000
	G	2000x1000
	I A304L	2000x1000

R  
15



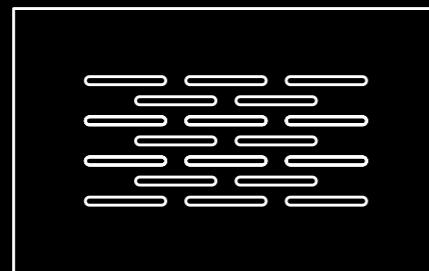
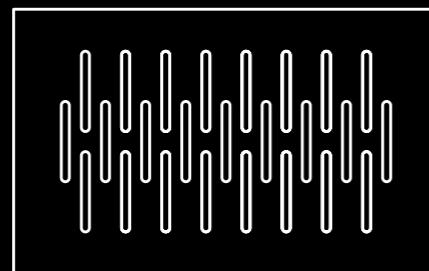
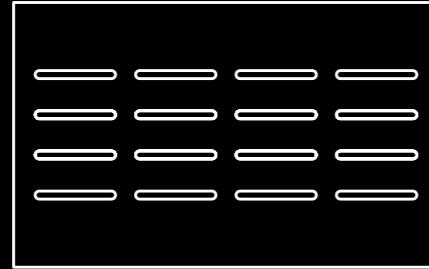
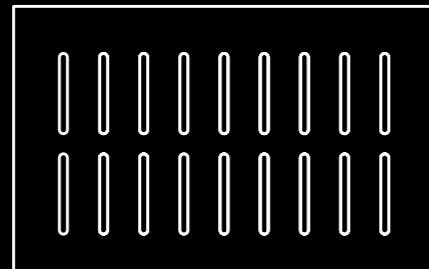
ESCALA | SCALE | ÉCHELLE 1:1

R 15 mm

G 23 %

Recalight

	Fe	2000x1000
	G	2000x1000
	I A304L	2000x1000

**LR Z I****LR Z II****LR U I****LR U II**

## CHAPA PERFORADA **AGUJEROS LARGOS REDONDOS**

SLOT HOLES PERFORATED SHEETS | TÔLES PERFORÉES TROUS OBLONGS

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### AGUJERO

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HOLE | TROU


**LARGO  
REDONDO**  
SLOTTED HOLES  
OBLONGS

**AGUJERO  
ALTERNO**  
STAGGERED PITCH  
TROUS EN QUINCONCE

**AGUJERO  
PARALELO**  
SQUARE PITCH  
TROUS PARALLÈLES

**COEFICIENTE  
DE PERFORACIÓN**  
OPEN AREA  
% DE VIDE

**PARALELO AL LARGO  
DE LA CHAPA**  
LONG SLOT PARELLE TO  
LENGTH  
OBLONG PARALLÈLE À LA  
LONGUEUR

**PARALELO AL ANCHO  
DE LA CHAPA**  
LONG SLOT PARELLE TO  
WIDTH  
OBLONG PARALLÈLE À LA  
LARGEUR

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### CARACTERÍSTICAS

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CHARACTERISTICS | CARACTÉRISTIQUES


**MATERIALES**  
RAW MATERIAL  
MATIÈRE

**FORMATO**  
DIMENSION  
FORMAT

**ESPESOR (mm)**  
THICKNESS (mm)  
ÉPAISSEUR (mm)

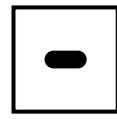
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### MATERIALES

---

RAW MATERIALS | MATIÈRE


**HIERRO**  
MILD STEEL  
ACIER DOUX



## AGUJEROS LARGOS REDONDOS

SLOT HOLES | TROUS OBLONGS

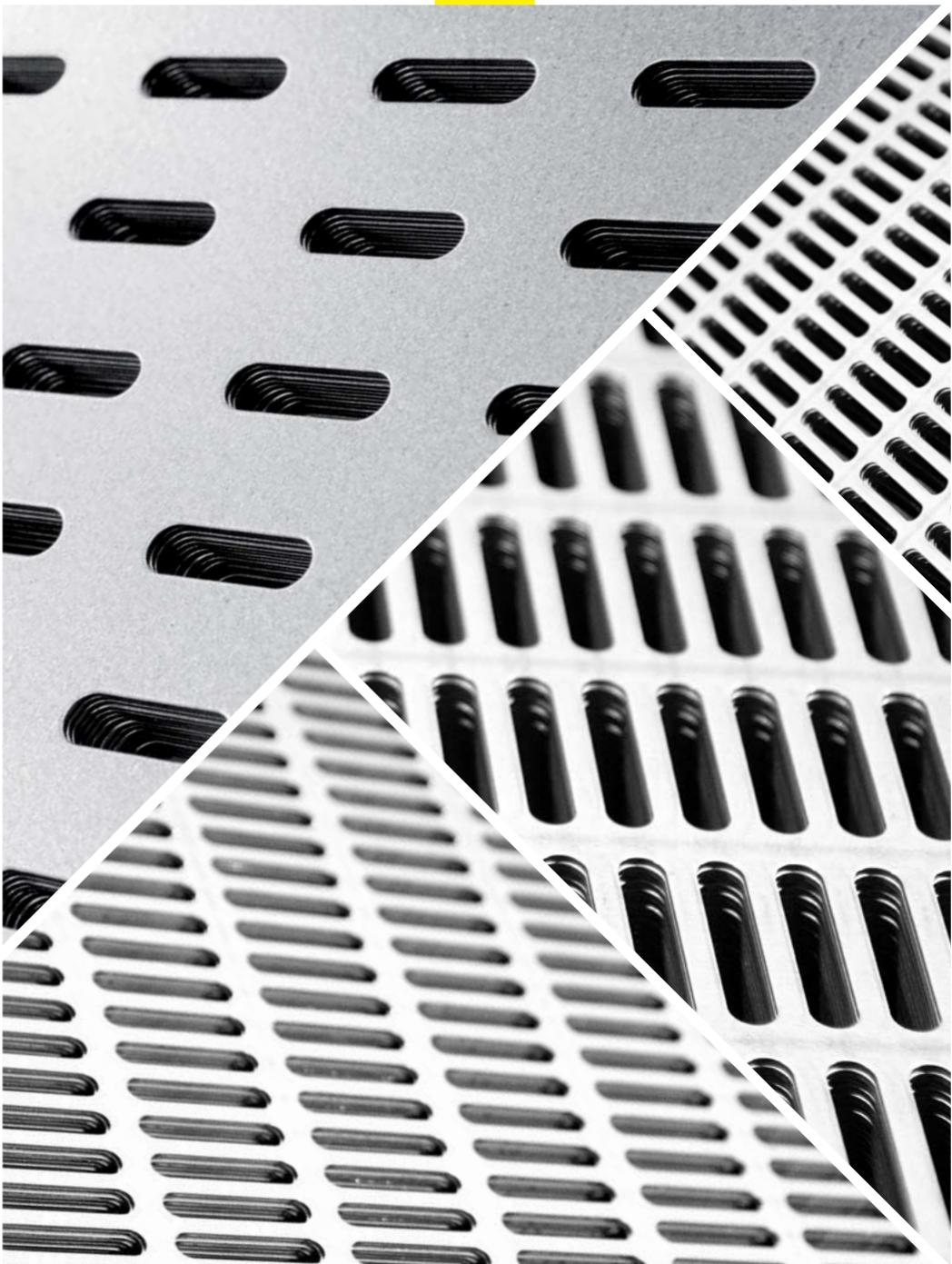
2000x1000mm

	1	1,5	2	💡	Pg.
	Fe	Fe	Fe	Fe	Fe
LR2x20Z10x25I		●	●	15,31	-
LR3x20U6x26II	●			37,2	60
LR4x20U8x25II	●			38,2	61
LR4x20Z16x25I		●	●	38,2	60
LR5x20U10x25II		●		37,8	-
LR5x20Z20x25I		●	●	37,8	-
LR6x20U11x25II	●			40,8	61
LR8x40U13x47,5II		●		49,5	62

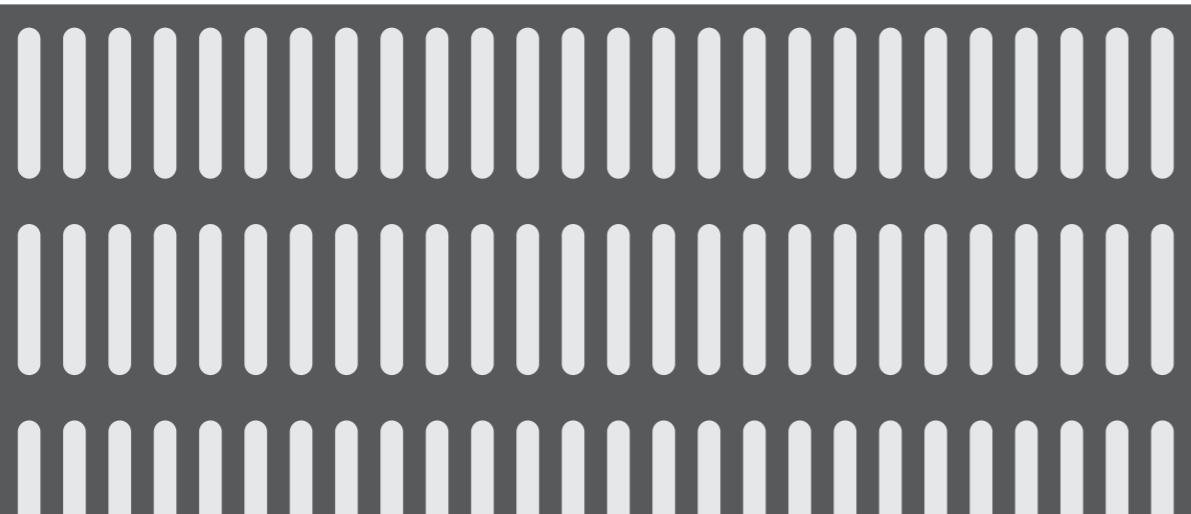
\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

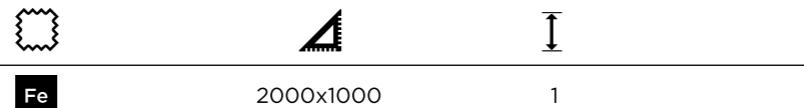
\*En stock. Autres dimensions sur demande.



**LR3  
x20  
U6  
x26II**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 2000x1000

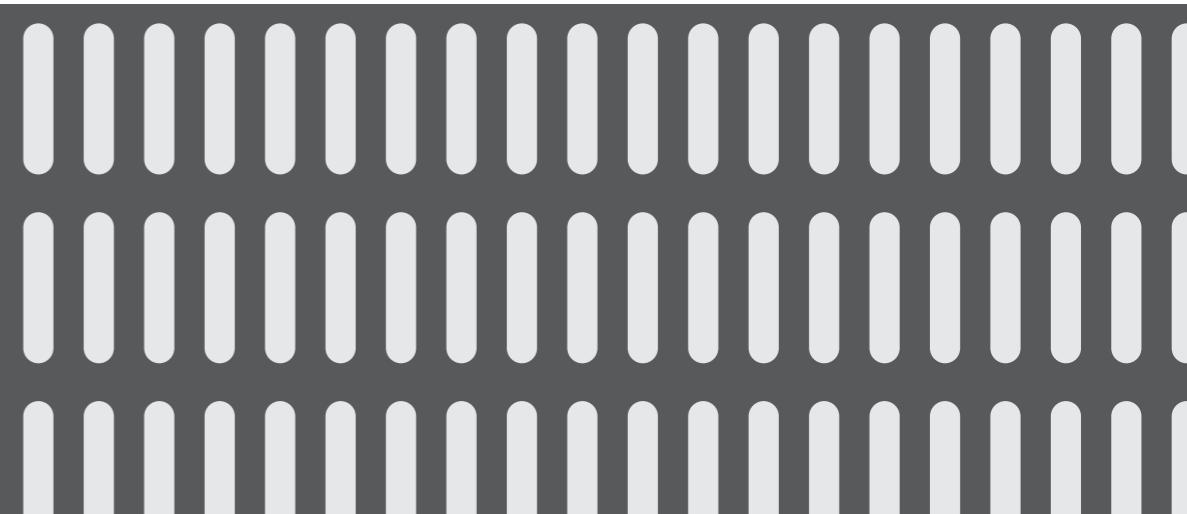
1

LR 3x20

U 60x26II

37,2 %

**LR4  
x20  
U8  
x25II**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 2000x1000

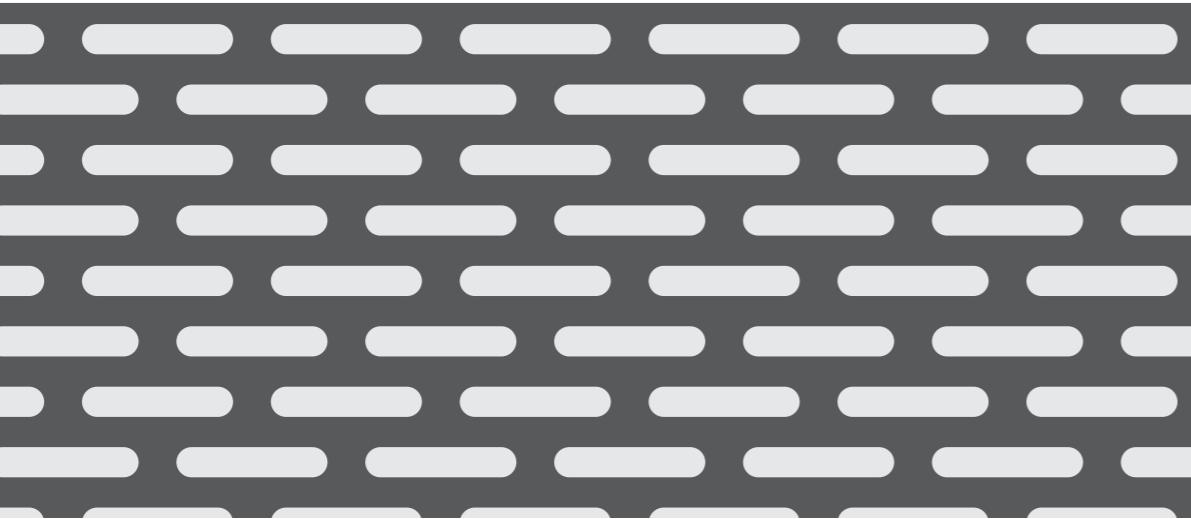
1

LR 4x20

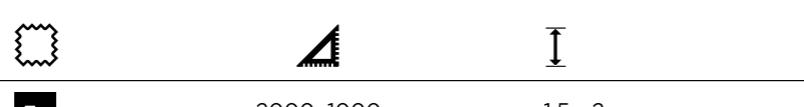
U 8x25II

38,2 %

**LR4  
x20  
Z16  
x25I**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 2000x1000

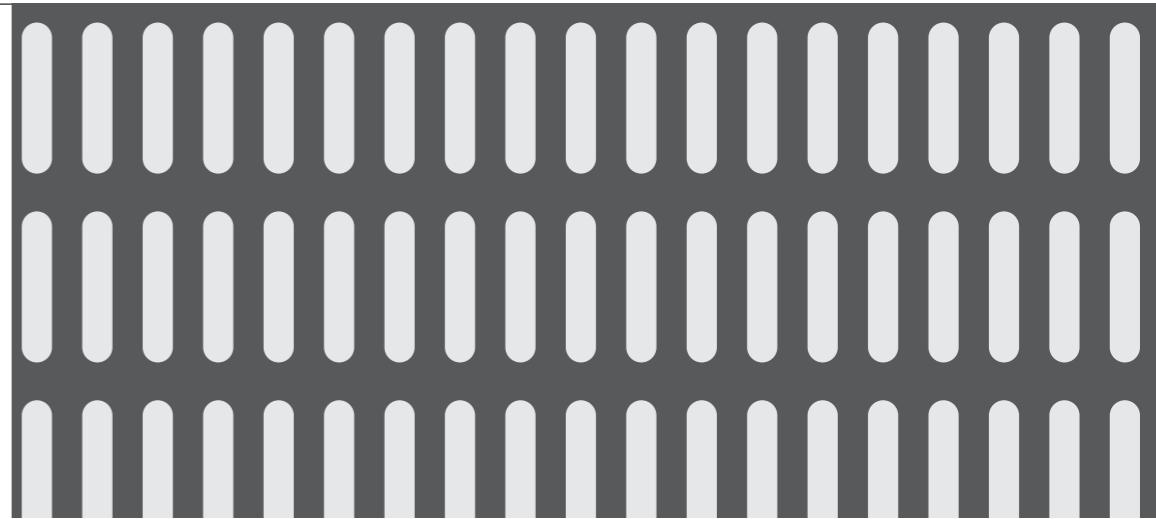
1,5 - 2

LR 4x20

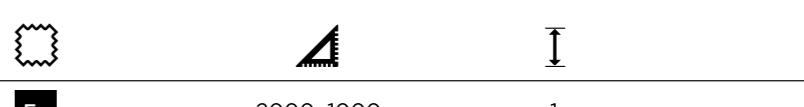
Z 16x25I

38,2 %

**LR6  
x20  
U11  
x25II**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 2000x1000

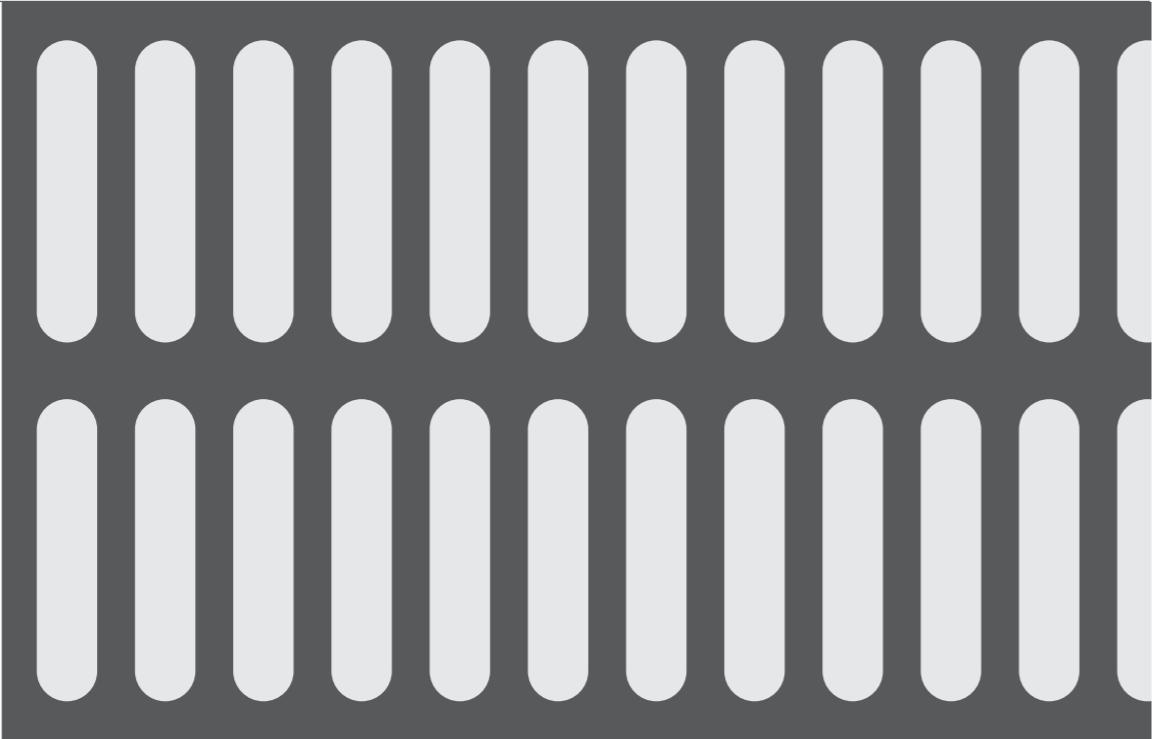
1

LR 6x20

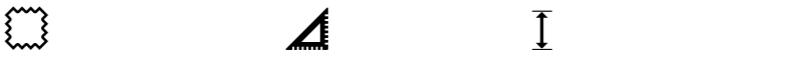
U 11x25II

40,8 %

LR8  
x40  
U13  
x47,5II



ESCALA | SCALE | ÉCHELLE 1:1



Fe

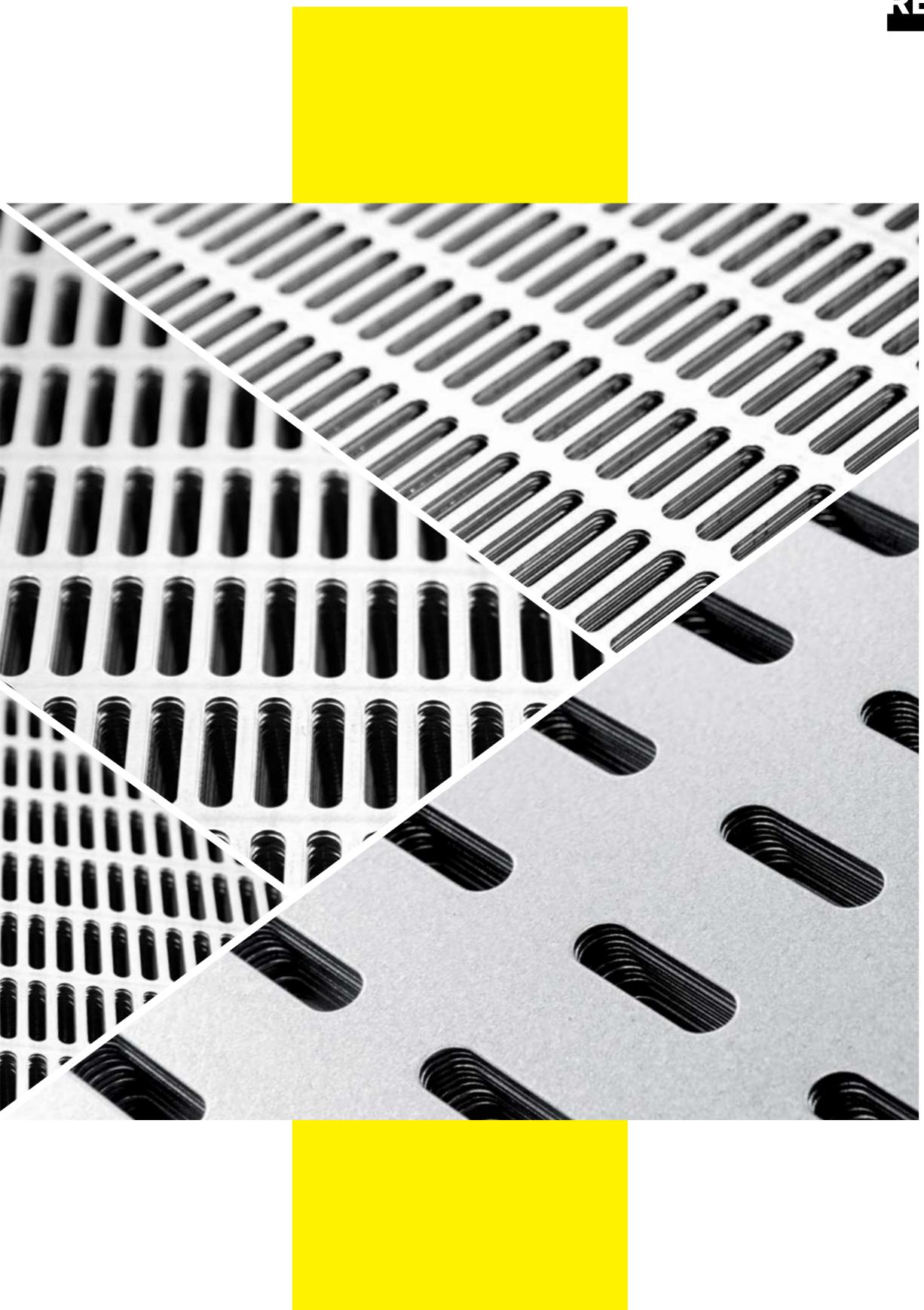
2000x1000

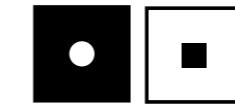
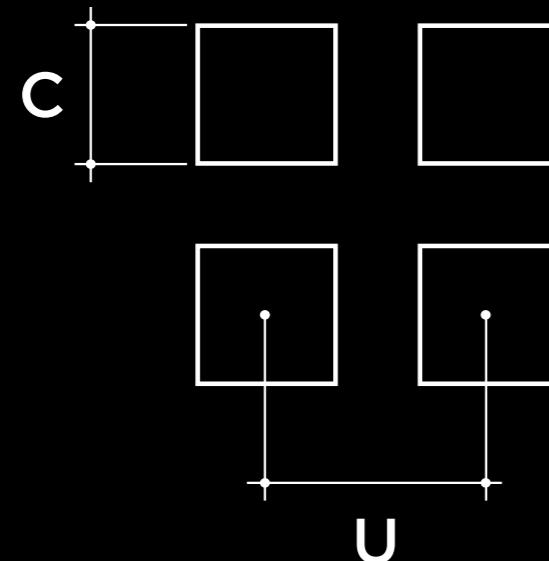
1,5

LR 8x40

Z 13x47,5II

38,2 %





## CHAPA PERFORADA AGUJEROS CUADRADOS

SQUARE HOLES PERFORATED SHEETS | TÔLES PERFORÉES TROUS CARRÉS

---

### AGUJERO

---

**C** LADO DEL  
CUADRADO  
SQUARE DIMENSION  
CÔTÉ DU CARRÉ

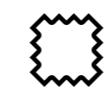
**U** DISTANCIA  
ENTRE CENTROS  
PITCH  
ENTRAXE

 COEFICIENTE  
DE PERFORACIÓN  
OPEN AREA  
% DE VIDE

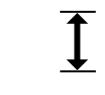
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### CARACTERÍSTICAS

---

 MATERIALES  
RAW MATERIAL  
MATIÈRE

 FORMATO  
DIMENSION  
FORMAT

 ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

---

### MATERIALES

---

**Fe** HIERRO  
MILD STEEL  
ACIER DOUX

**G** GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ

**I** INOXIDABLE  
STAINLESS STEEL  
INOXYDABLE

# ■ AGUJEROS CUADRADOS

SQUARE HOLES | TROUS CARRÉS

**2000x1000mm**

C	U	Fe				G	I	A304L	Pg.
		1	1,5	2	3				
3	5	●						36	68
5	7,5	●						44	69
5	8	●	●	●				39	68
8	11	●	●	●				53	69
8	12	●	●	●				44	-
10	12	●	●					69	70
10	13	●	●	●				59	70
10	15	●	●	●	●	●	●	44	71
10	20	●	●	●	●	●		25	71
15	20	●	●	●	●			56	72
15	30	●	●					25	72
20	25	●	●	●	●			64	73
20	40	●	●	●	●	●	●	25	73
25	50	●	●	●				25	-
30	35	●						73	74
30	60	●	●	●	●	●		25	76
40	50	●	●	●	●			64	75
40	80	●	●	●	●	●		25	77
50	100	●	●	●	●	●		25	-

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.

**2500x1250mm**

C	U	Fe		Pg.
		1,5	2	
10	15	●	●	44

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.

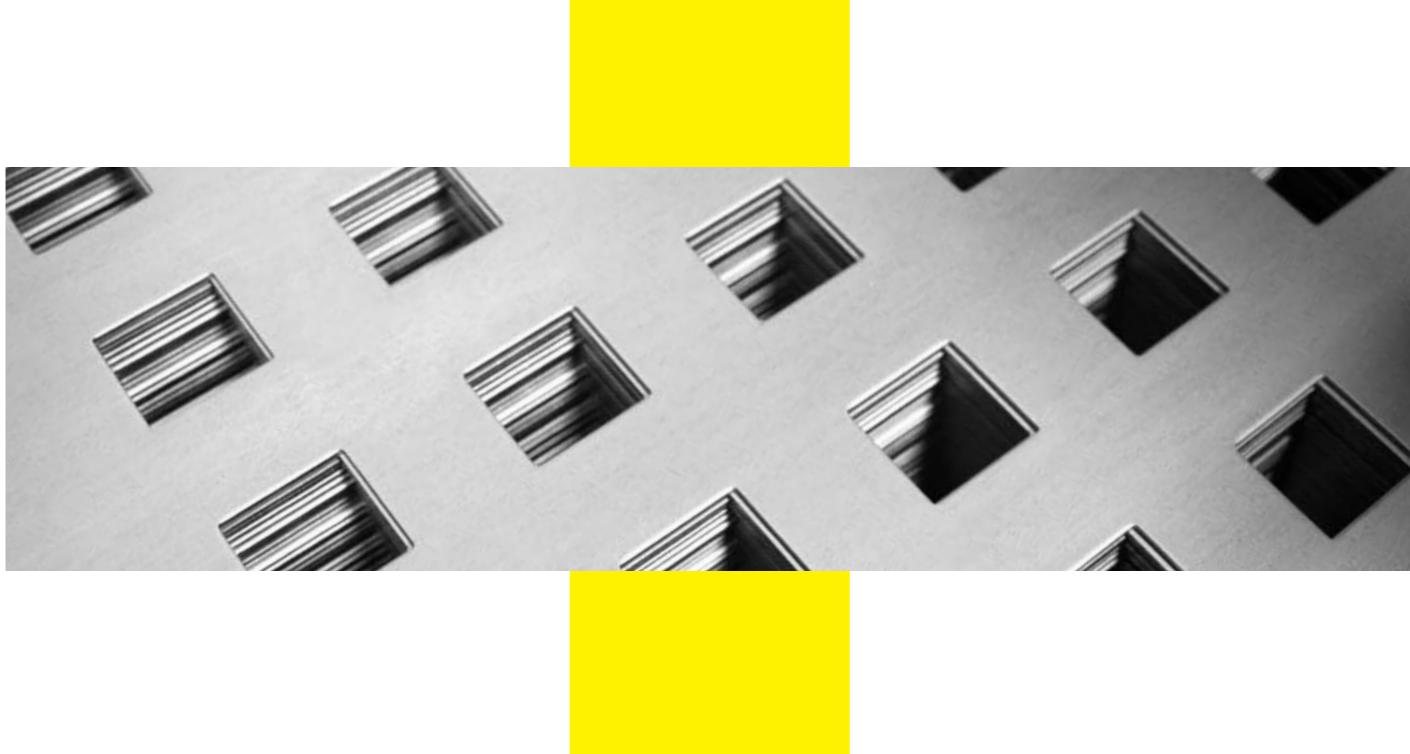
**3000x1500mm**

C	U	Fe				G	I	A304L	Pg.
		1,5	2	1,5	2				
10	15	●	●	●	●	●	●	●	44
10	20	●	●	●	●	●	●	●	25
20	40	●	●	●	●	●	●	●	25
30	60	●	●	●	●	●	●	●	25
40	80	●	●	●	●	●	●	●	25

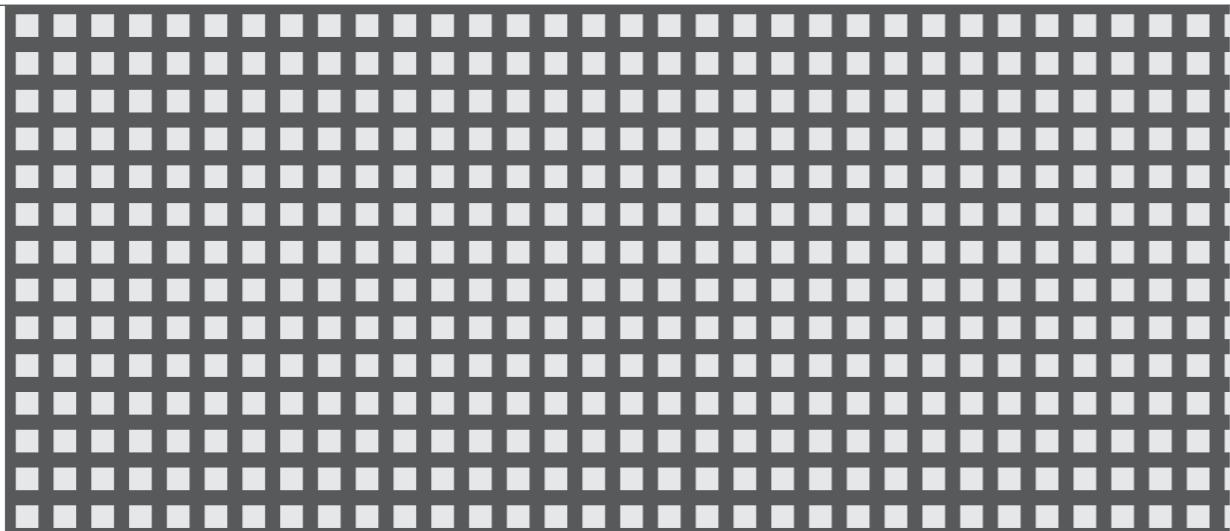
\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

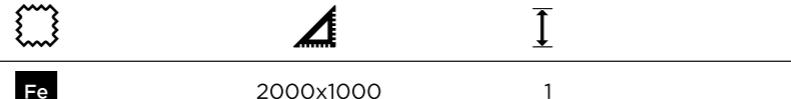
\*En stock. Autres dimensions sur demande.



C  
3  
U  
5

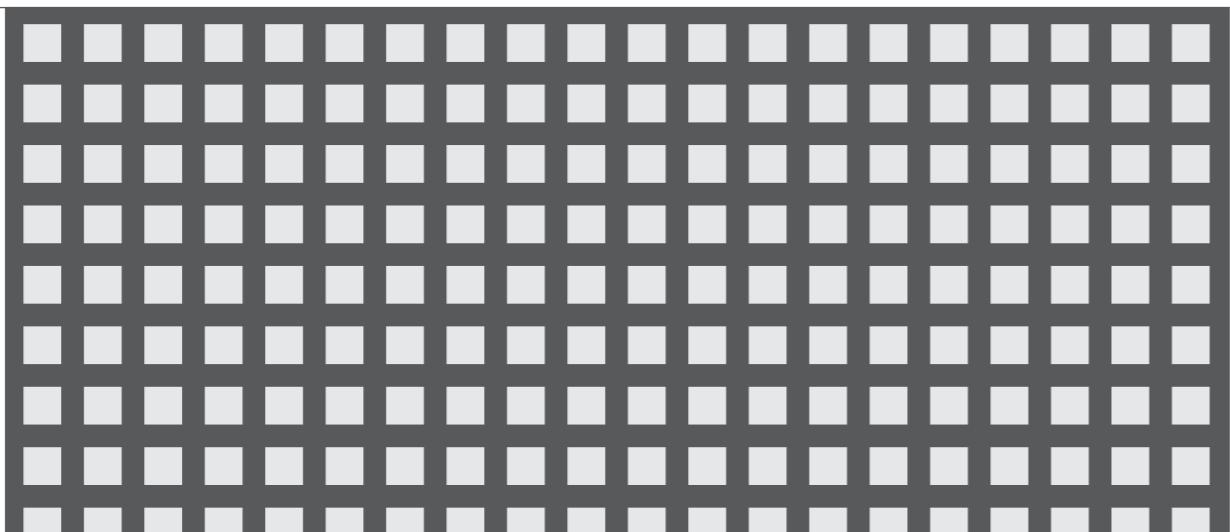


ESCALA | SCALE | ÉCHELLE 1:1

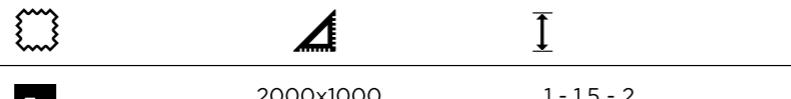


-  3 mm
-  5 mm
-  36 %

C  
5  
U  
8

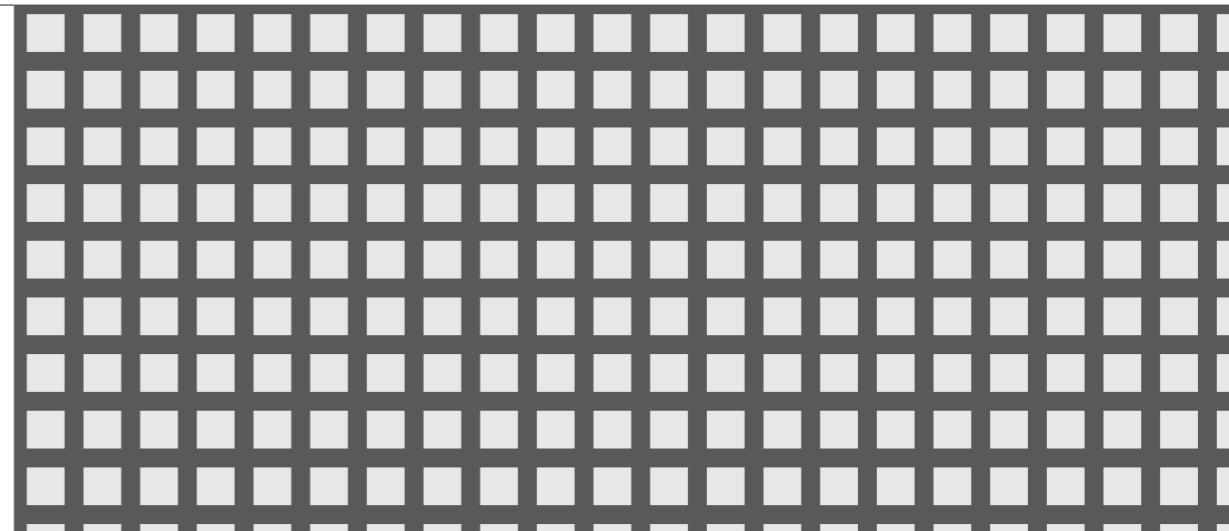


ESCALA | SCALE | ÉCHELLE 1:1

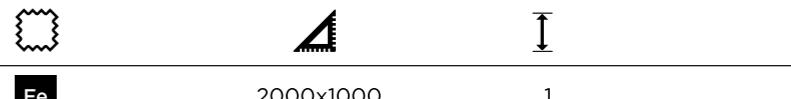


-  5 mm
-  8 mm
-  39 %

C  
5  
U  
7,5

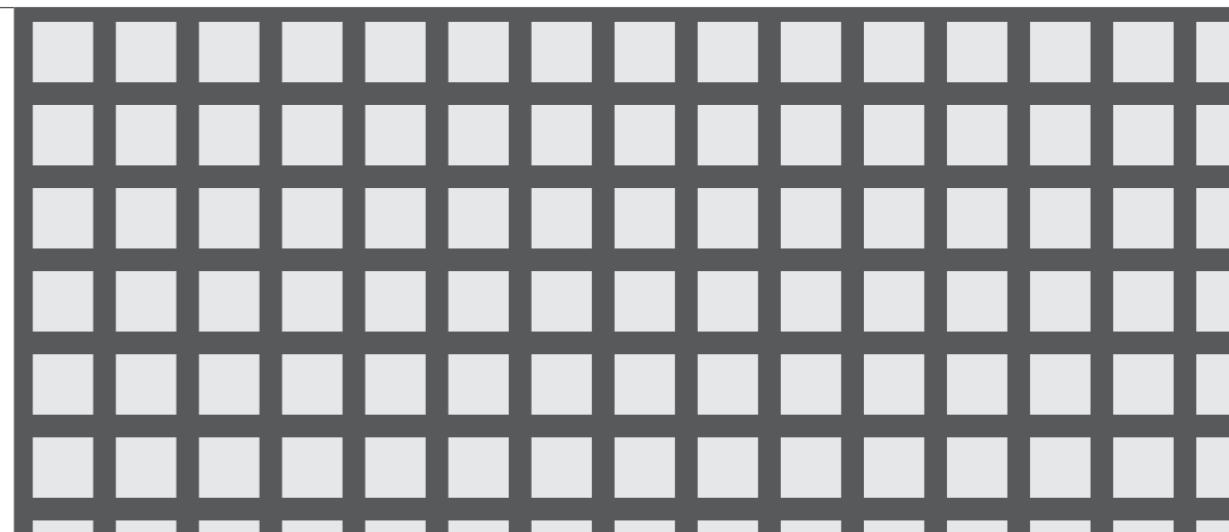


ESCALA | SCALE | ÉCHELLE 1:1



-  5 mm
-  7,5 mm
-  44 %

C  
8  
U  
11

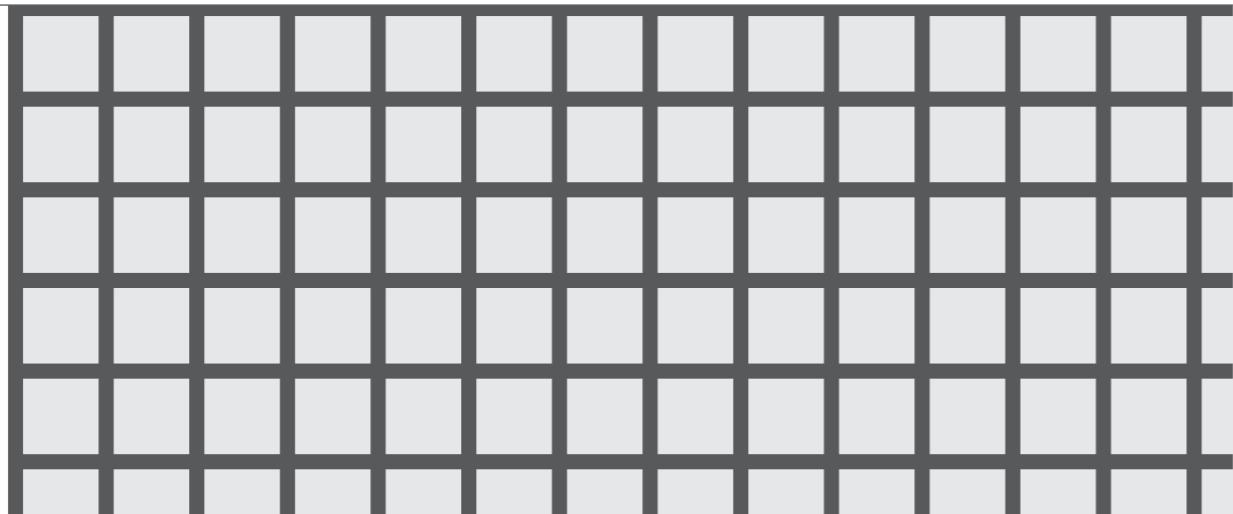


ESCALA | SCALE | ÉCHELLE 1:1

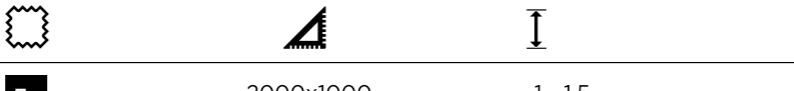


-  8 mm
-  11 mm
-  53 %

# C 10 U 12

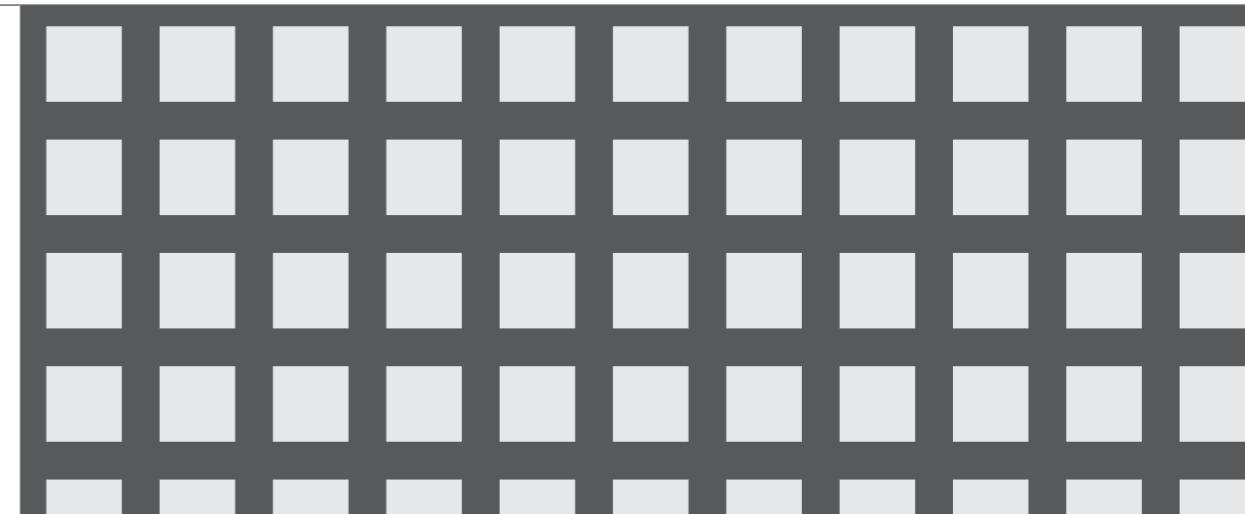


ESCALA | SCALE | ÉCHELLE 1:1



<b>C</b>	10 mm
<b>U</b>	12 mm
	69 %

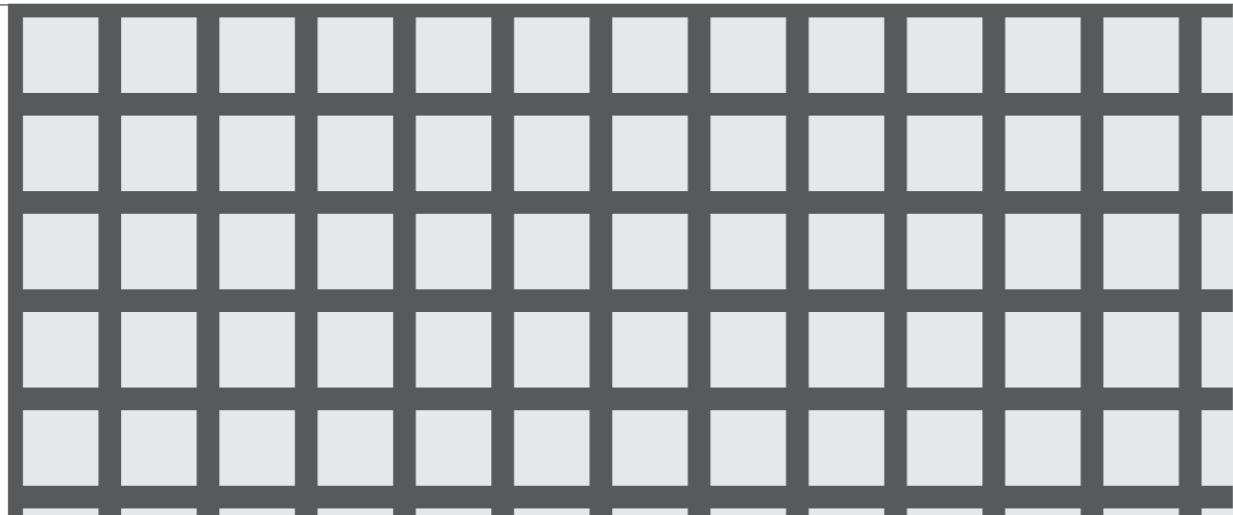
# C 10 U 15



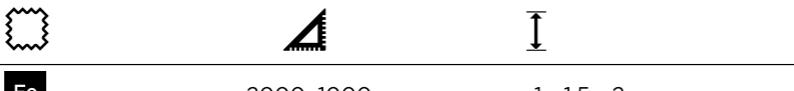
ESCALA | SCALE | ÉCHELLE 1:1

<b>C</b>	10 mm	2000x1000	1 - 1,5 - 2 - 3
<b>U</b>	15 mm	2000x1000	1,5 - 2
	44 %	A304L	2000x1000
<b>G</b>		2500x1250	1,5 - 2
<b>Fe</b>	<b>G</b>	3000x1500	1,5 - 2

# C 10 U 13

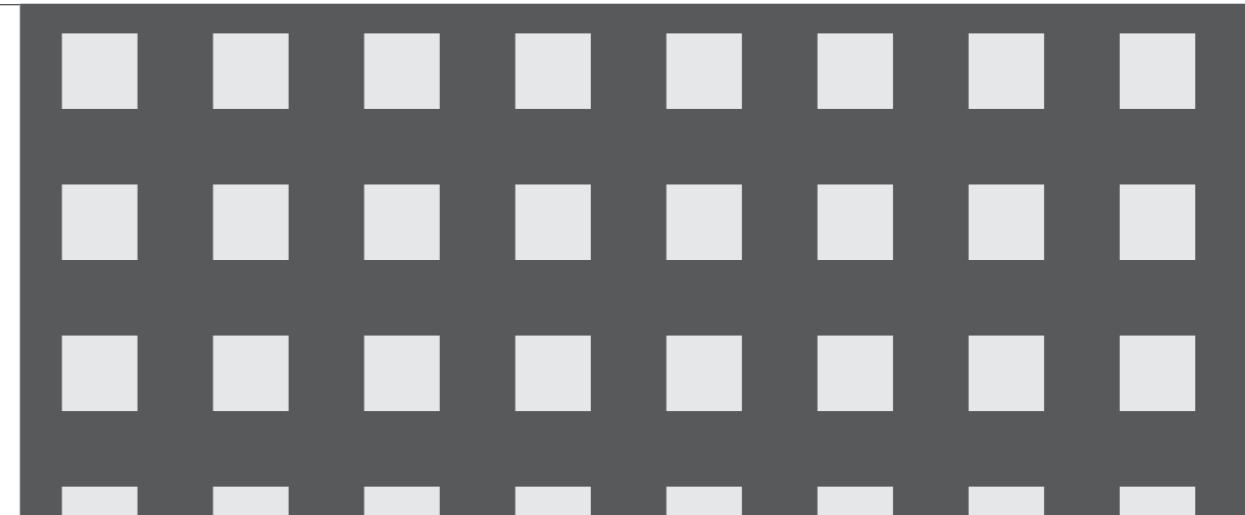


ESCALA | SCALE | ÉCHELLE 1:1



<b>C</b>	10 mm
<b>U</b>	13 mm
	59 %

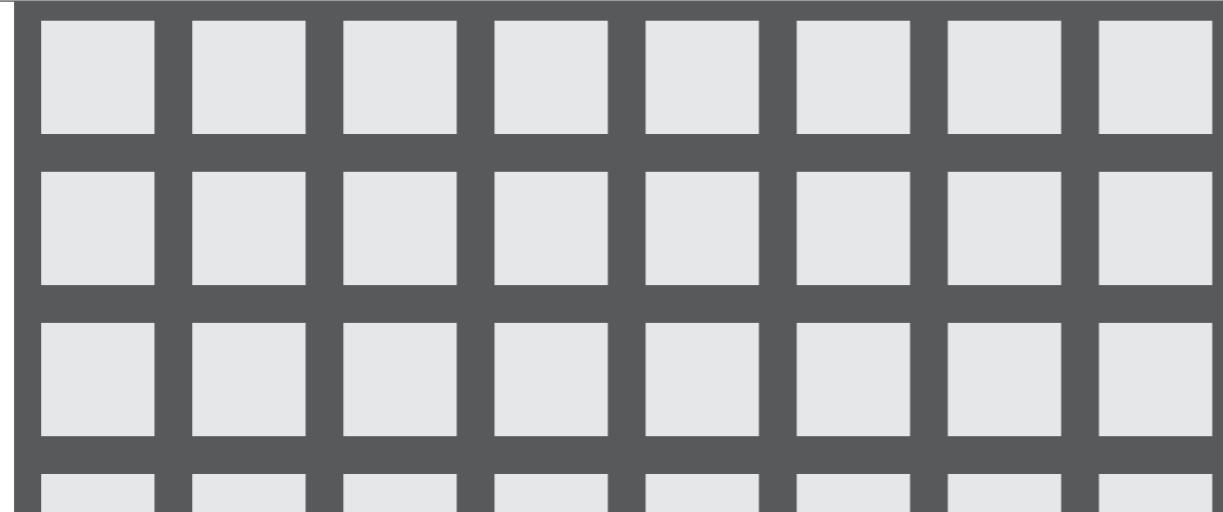
# C 10 U 20



ESCALA | SCALE | ÉCHELLE 1:1

<b>C</b>	10 mm	2000x1000	1 - 1,5 - 2 - 3
<b>U</b>	20 mm	2000x1000	1,5 - 2
	25 %	Fe	3000x1500
<b>G</b>		3000x1500	1,5 - 2
<b>Fe</b>		3000x1500	1,5

**C  
15  
U  
20**



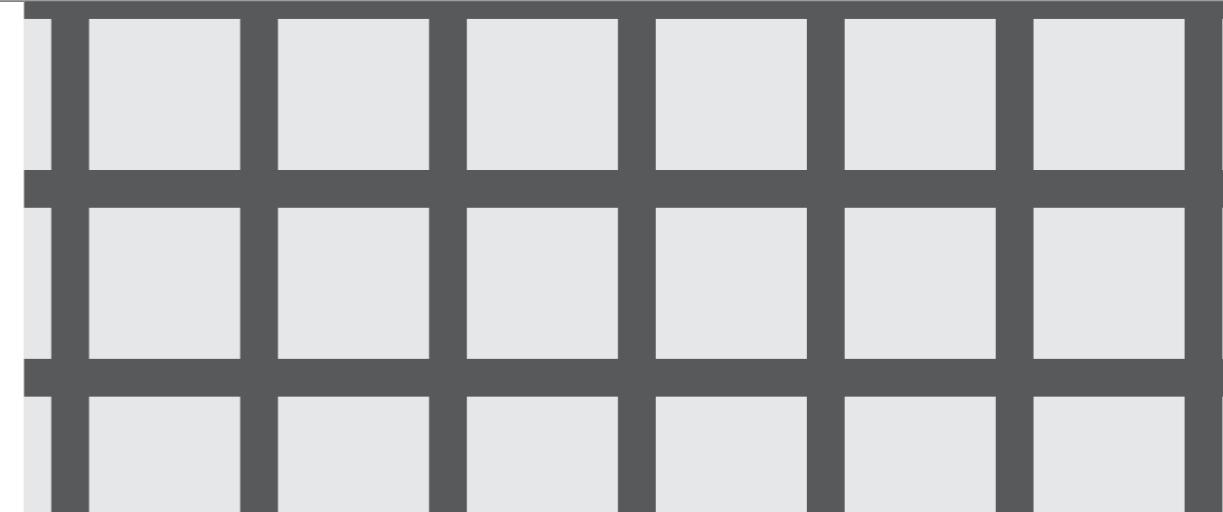
ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 2000x1000 1 - 1,5 - 2 - 3

- C** 15 mm
- U** 20 mm
- 💡** 56 %

**C  
20  
U  
25**



ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 2000x1000 1,5 - 2 - 3

- C** 20 mm
- U** 25 mm
- 💡** 64 %

**C  
15  
U  
30**



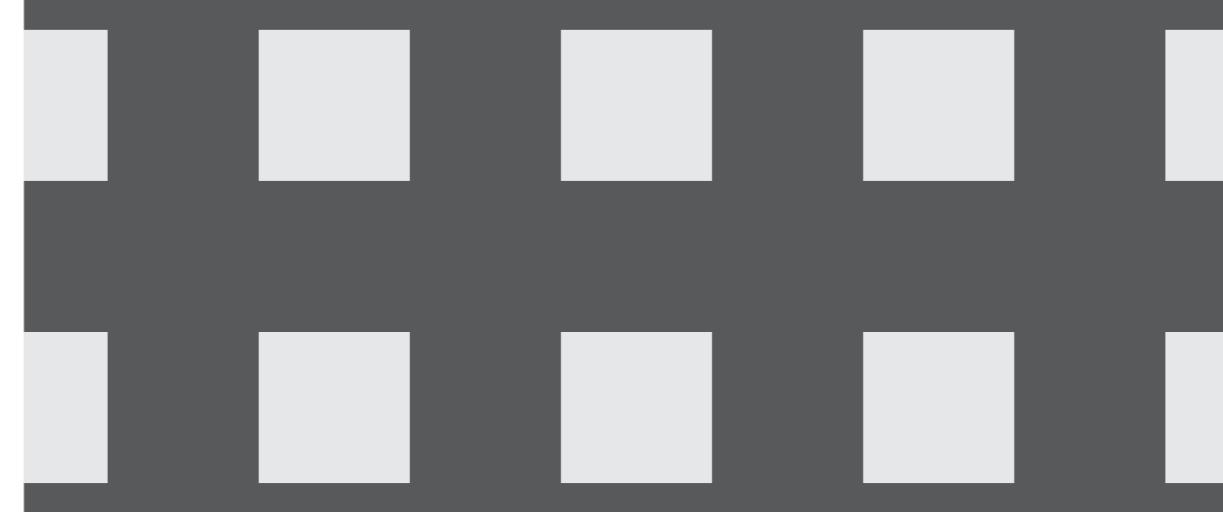
ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 2000x1000 1,5 - 2

- C** 15 mm
- U** 30 mm
- 💡** 25 %

**C  
20  
U  
40**



ESCALA | SCALE | ÉCHELLE 1:1

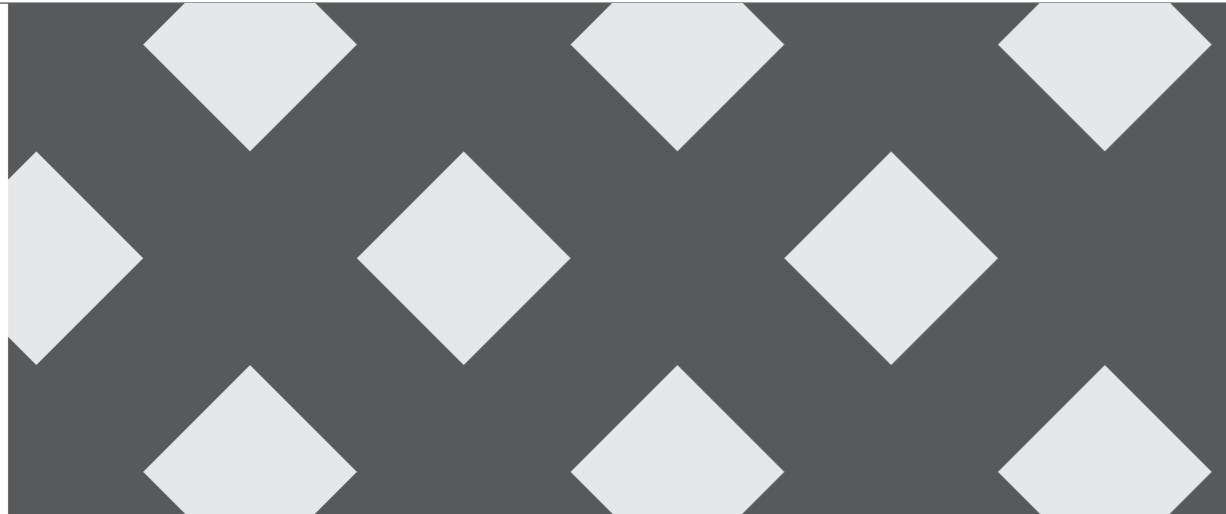


**Fe** 2000x1000 1 - 1,5 - 2 - 3

- C** 20 mm
- U** 40 mm
- 💡** 25 %

	<b>Fe</b>	2000x1000	1 - 1,5 - 2 - 3
	<b>G</b>	2000x1000	1,5 - 2
	<b>Fe</b> <b>G</b>	3000x1500	1,5 - 2

**CD  
20  
U  
40**

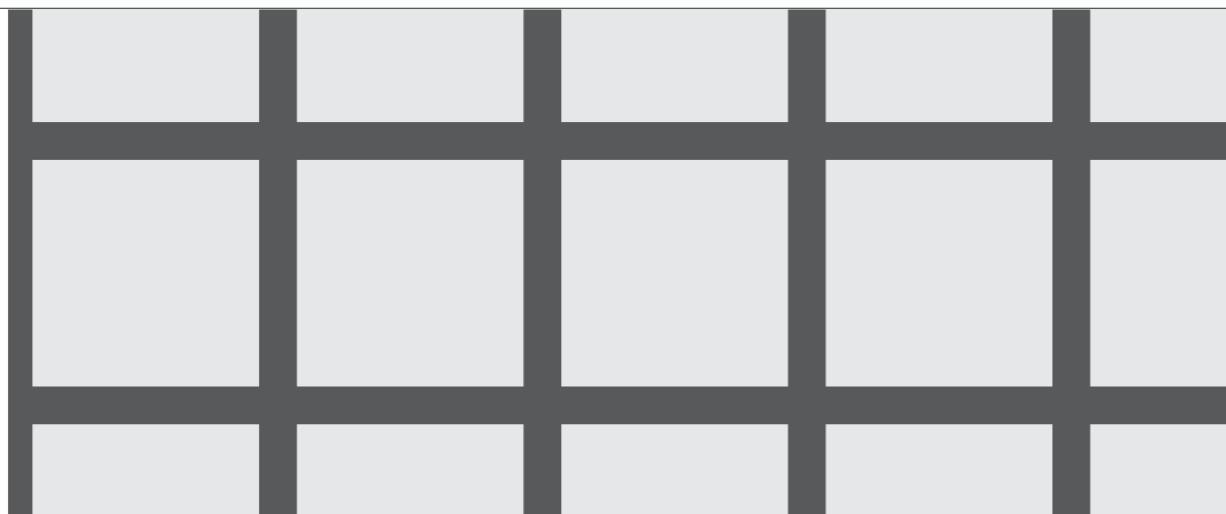


ESCALA | SCALE | ÉCHELLE 1:1

    
**Fe** **G**      2000x1000      1,5

-  20 mm
-  40 mm
-  25 %

**C  
30  
U  
35**

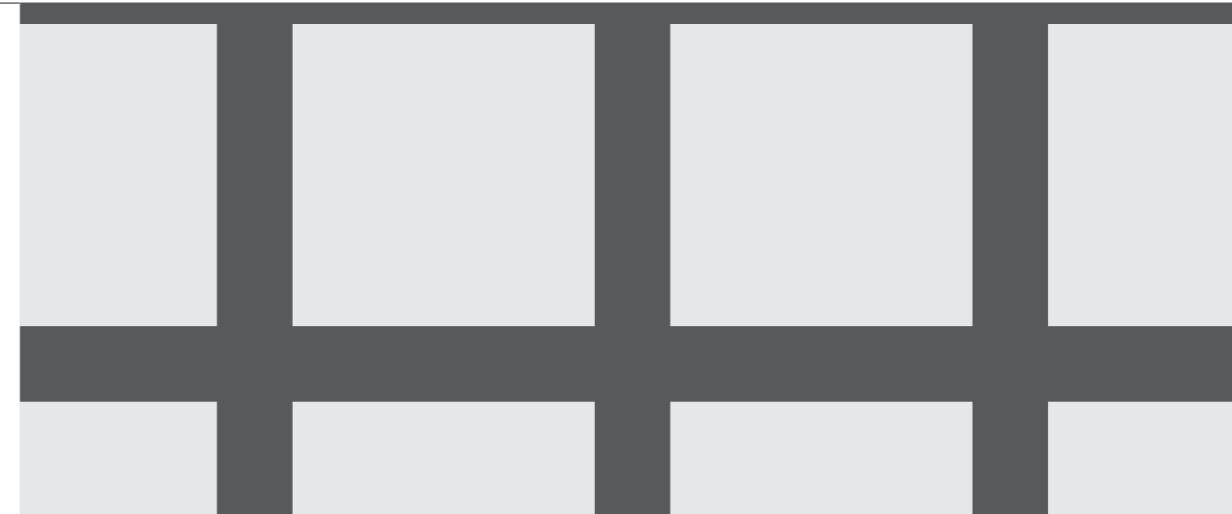


ESCALA | SCALE | ÉCHELLE 1:1

    
**Fe**      2000x1000      2

-  30 mm
-  35 mm
-  73 %

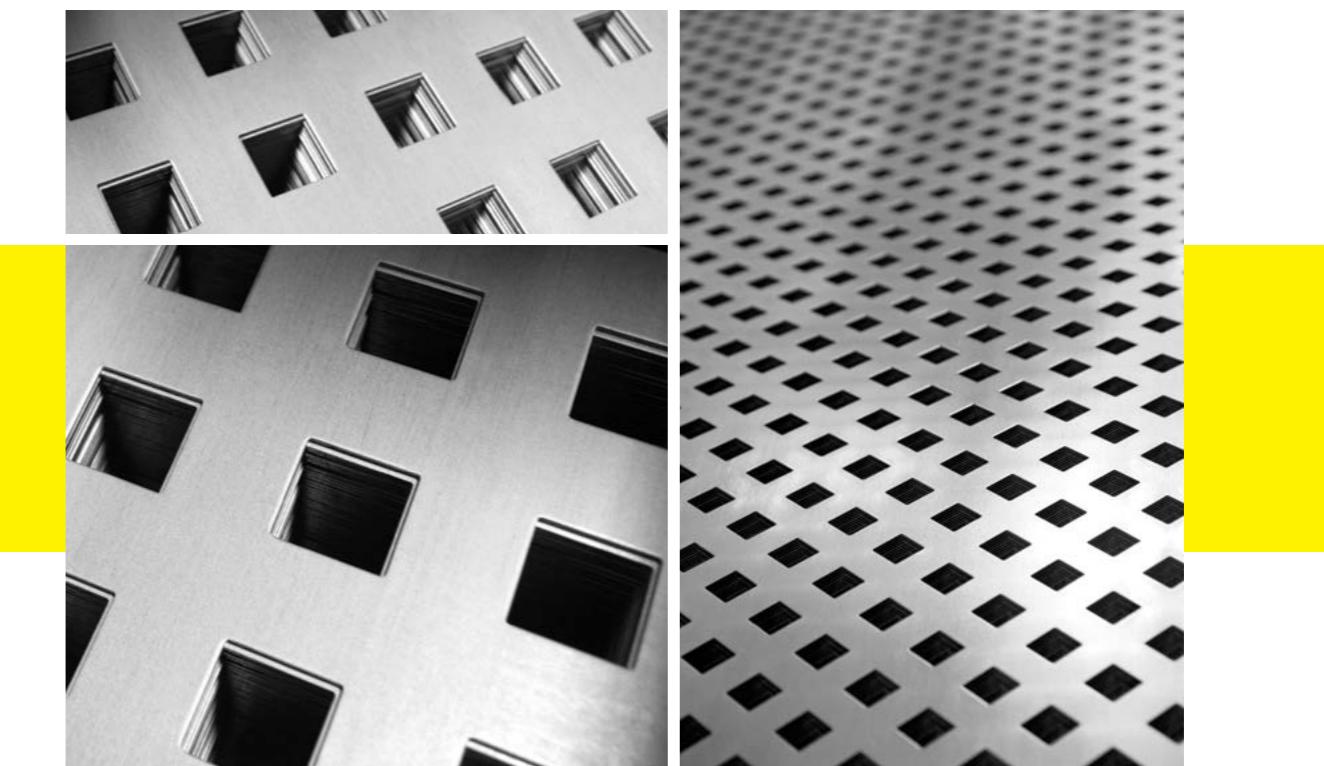
**C  
40  
U  
50**



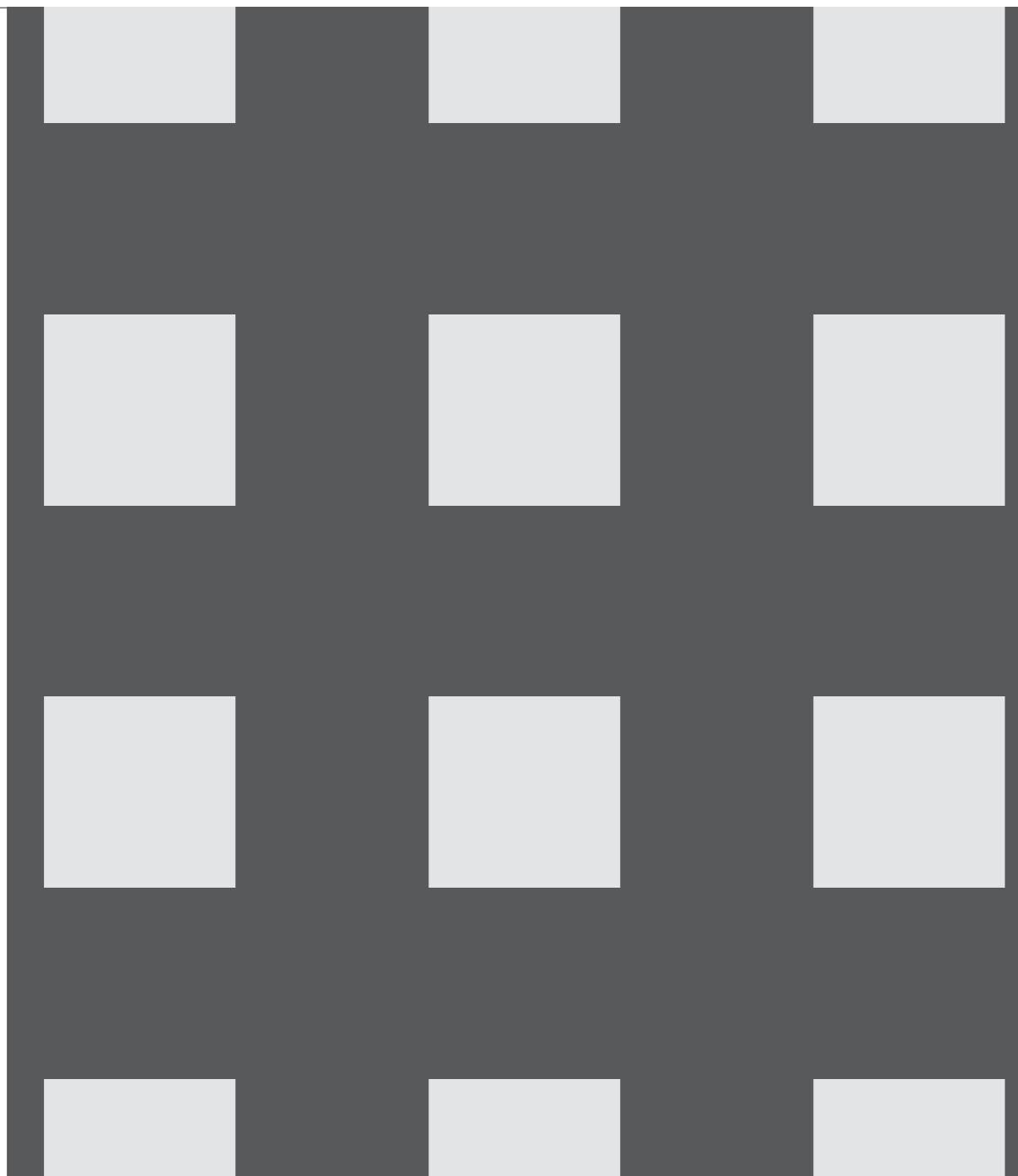
ESCALA | SCALE | ÉCHELLE 1:1

    
**Fe**      2000x1000      1,5 - 2 - 3

-  40 mm
-  50 mm
-  64 %



C  
30  
U  
60



ESCALA | SCALE | ÉCHELLE 1:1

 C 30 mm

 U 60 mm

 25 %

		
Fe	2000x1000	1 - 1,5 - 2 - 3
G	2000x1000	1,5 - 2
Fe G	3000x1500	1,5 - 2

C  
40  
U  
80



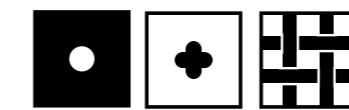
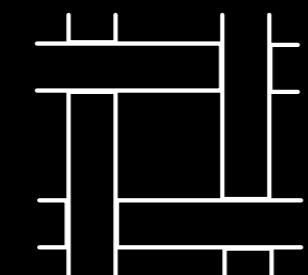
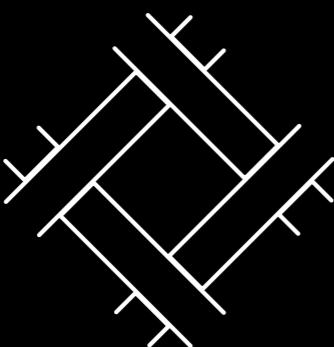
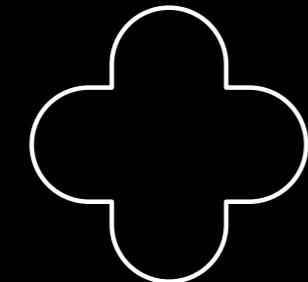
ESCALA | SCALE | ÉCHELLE 1:1

 C 40 mm

 U 80 mm

 25 %

		
Fe	2000x1000	1 - 1,5 - 2 - 3
G	2000x1000	1,5 - 2
Fe G	3000x1500	1,5 - 2



## CHAPA PERFORADA DECORATIVA

DECORATIVE PATTERN PERFORATED SHEETS | TÔLES PERFORÉES DÉCORATIVES

---

### AGUJERO

---

**C** LADO DEL CUADRADO  
SQUARE DIMENSION  
CÔTÉ DU CARRÉ

**U** DISTANCIA ENTRE CENTROS  
PITCH ENTRAXE

 COEFICIENTE DE PERFORACIÓN  
OPEN AREA % DE VIDE

**D** DECORATIVA  
DECORATIVE  
DÉCORATIVE

---

### CARACTERÍSTICAS

---

 MATERIALES  
RAW MATERIAL  
MATIÈRE

 FORMATO  
DIMENSION  
FORMAT

 ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

---

### MATERIALES

---

**Fe** HIERRO  
MILD STEEL  
ACIER DOUX

**G** GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ

RAW MATERIAL | MATIÈRE



## CHAPA DECORATIVA

DECORATIVE SHEETS | TÔLES DÉCORATIVES

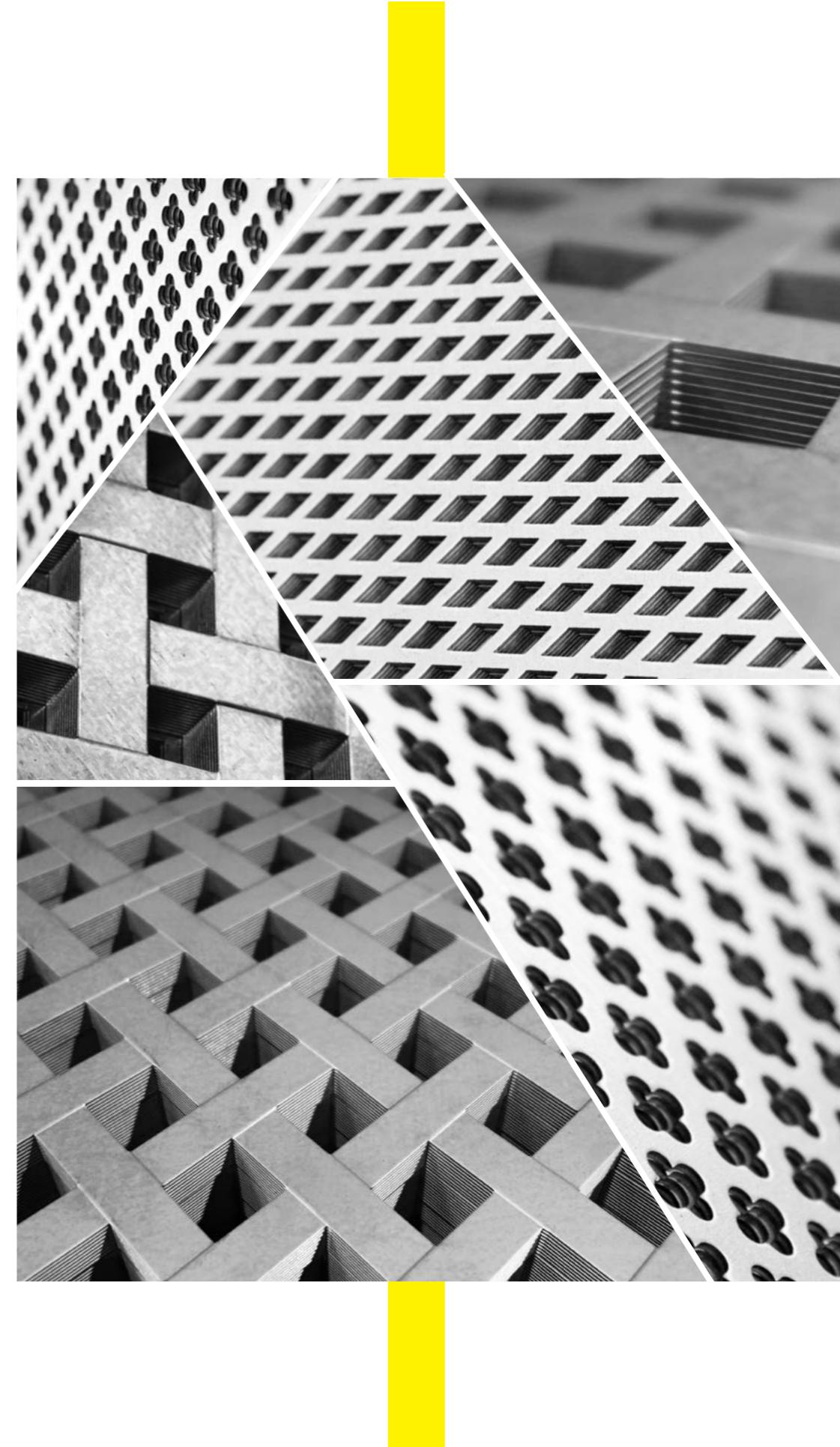
2000x1000mm

	Fe	I		Pg.
	0,8	1	1,5	
D501	●	●	●	82
D504			●	84
D505	●	●	●	83
D508		●		84
D513	●	●	●	83
D561	●	●	●	82

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.



## CHAPA DECORATIVA RECADECOR

DECORATIVE SHEETS (RECADECOR) | TÔLES DÉCORATIVES (RECADECOR)

2000x1000mm

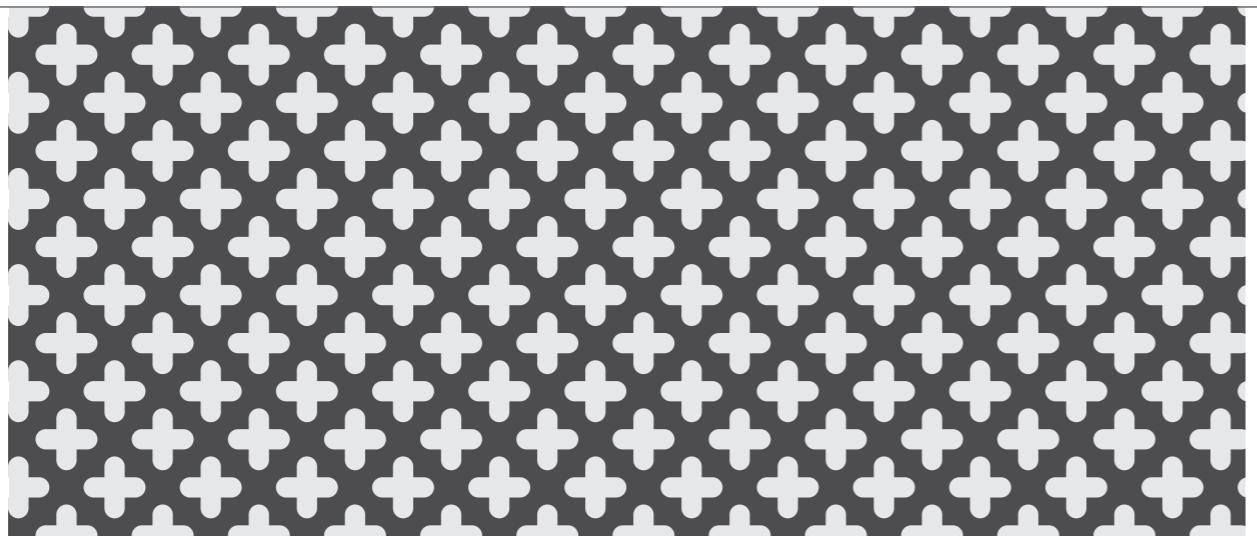
	Fe	G				Pg.
			I			
C	U	1,5	2	1,5	💡	
20	40	●		●	25	84
30	50	●			36	84
40	60	●			44	-

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

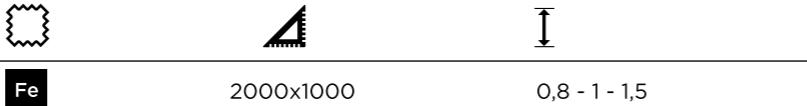
\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.

D  
501



ESCALA | SCALE | ÉCHELLE 1:1

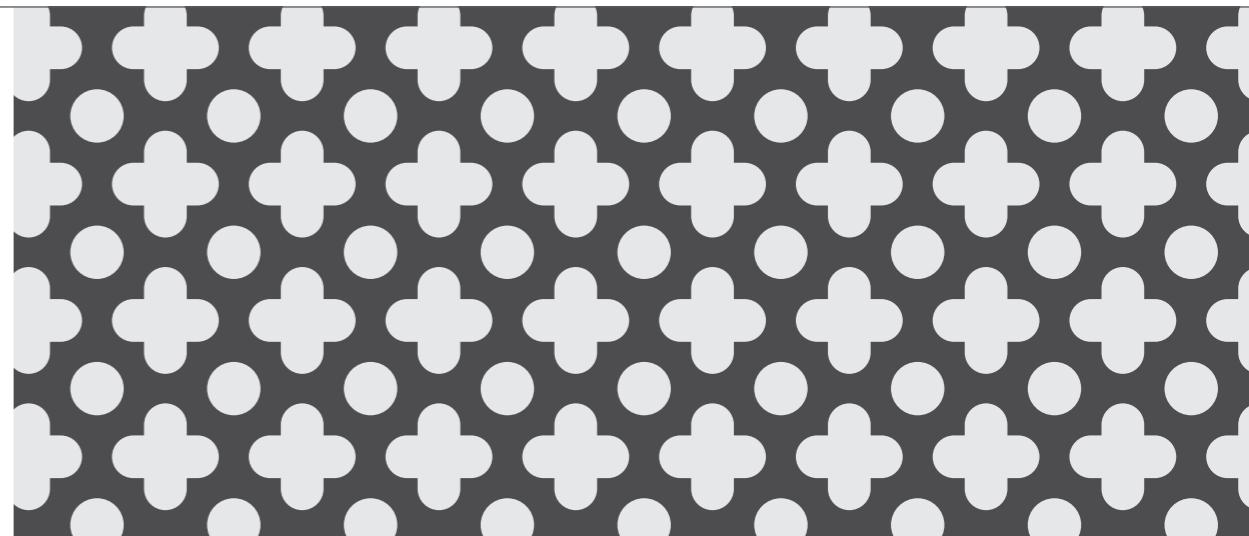


Fe

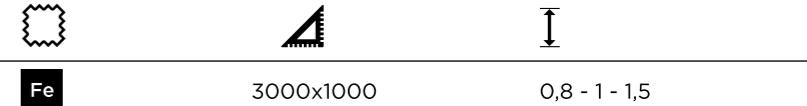
2000x1000

0,8 - 1 - 1,5

D  
505



ESCALA | SCALE | ÉCHELLE 1:1

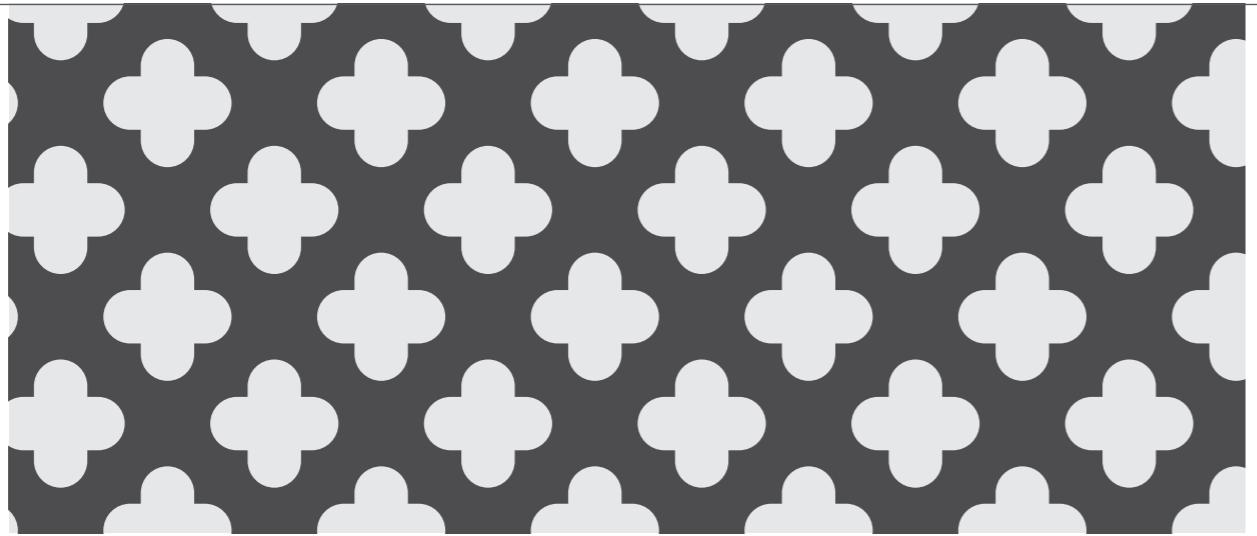


Fe

3000x1000

0,8 - 1 - 1,5

D  
561



ESCALA | SCALE | ÉCHELLE 1:1

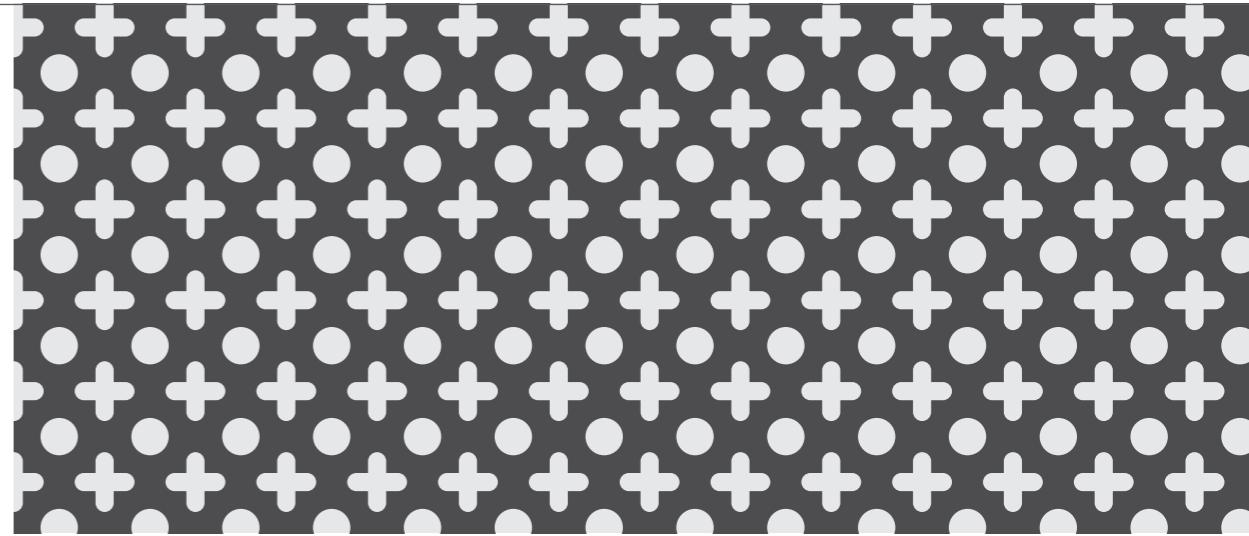


Fe

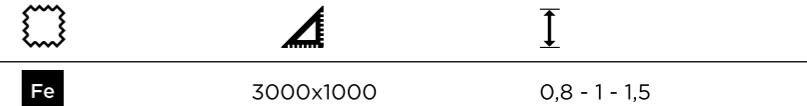
2000x1000

0,8 - 1 - 1,5

D  
513



ESCALA | SCALE | ÉCHELLE 1:1

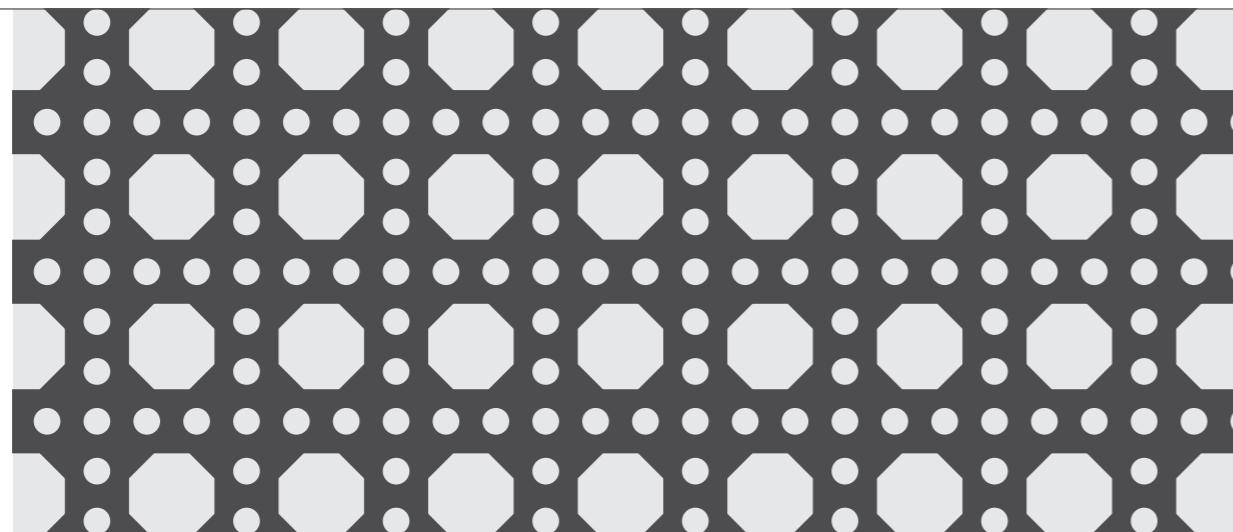


Fe

3000x1000

0,8 - 1 - 1,5

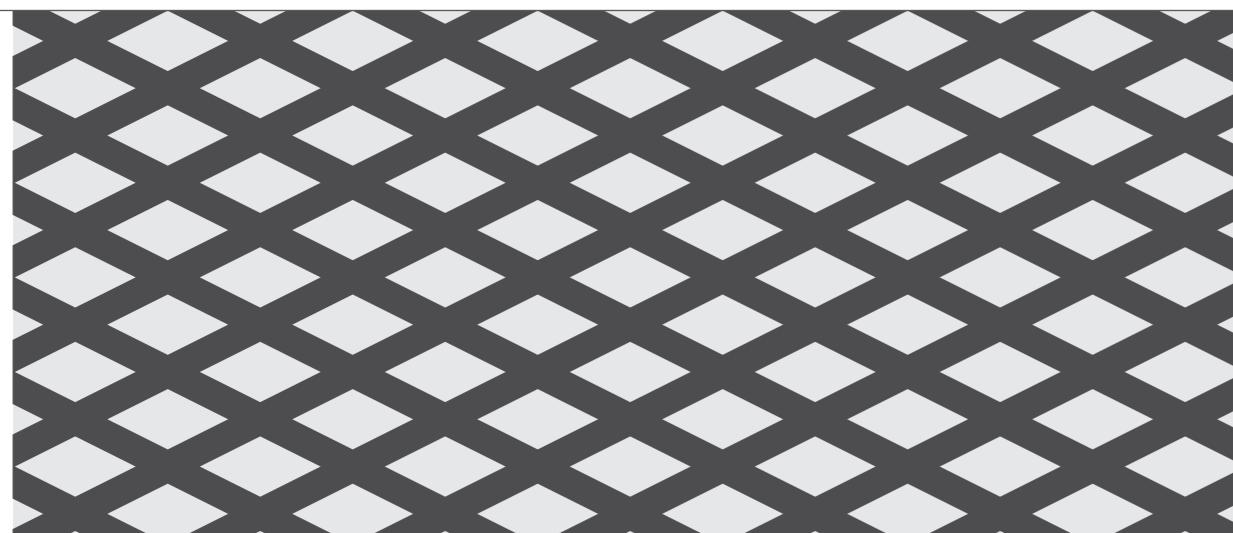
D  
508



ESCALA | SCALE | ÉCHELLE 1:1

    
Fe 2000x1000 1

D  
504



ESCALA | SCALE | ÉCHELLE 1:1

    
Fe 2000x1000 1,5

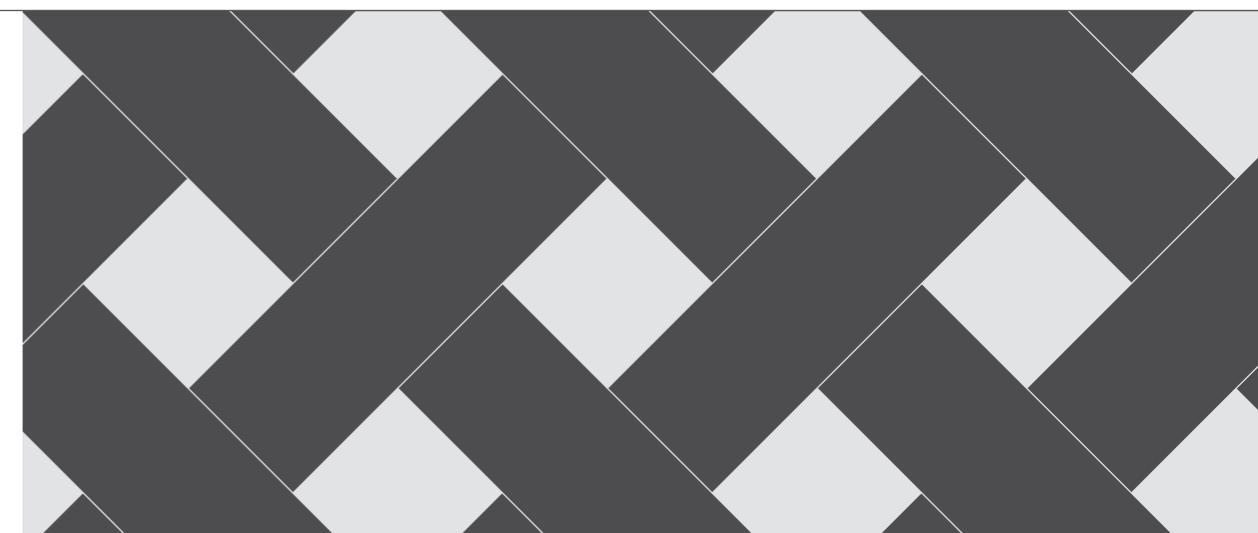
C  
30  
U  
50



ESCALA | SCALE | ÉCHELLE 1:1

    
Fe 2000x1000 0,8 - 1 - 1,5

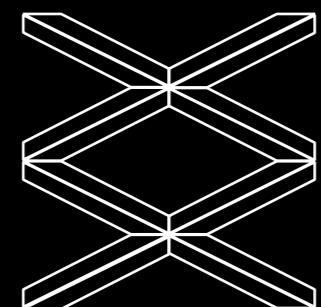
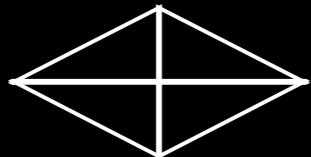
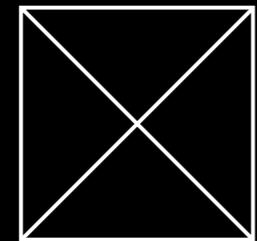
C  
20  
U  
40



ESCALA | SCALE | ÉCHELLE 1:1

    
Fe 2000x1000 1,5  
G 2000x1000 1,5

-  20 mm
-  40mm
-  25 %



## CHAPA REPUEJADA

EMBORESSED SHEETS | TÔLES GAUFRÉES

---

### CARACTERÍSTICAS



MATERIALES  
RAW MATERIAL  
MATIÈRE



FORMATO  
DIMENSION  
FORMAT



ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

---

### MATERIALES



HIERRO  
MILD STEEL  
ACIER DOUX



GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ



INOXIDABLE  
STAINLESS STEEL  
INOXYDABLE

RAW MATERIAL | MATIÈRE

CHARACTERISTICS | CARACTÉRISTIQUES



## CHAPA REPUJADA

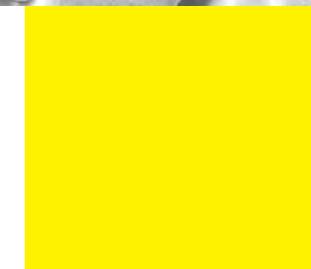
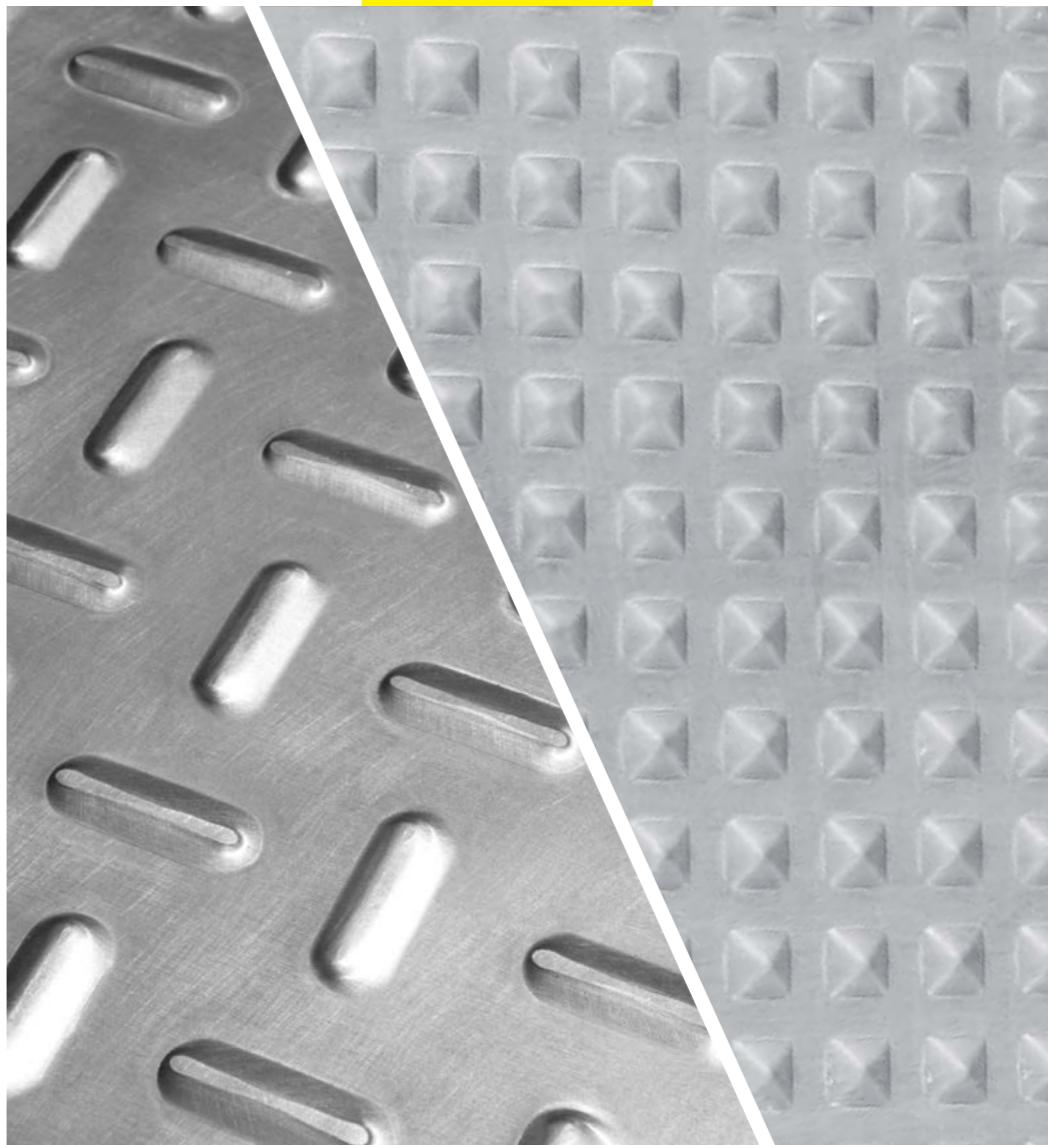
EMBOSS SHEETS | TÔLES GAUFRÉES

2000x1000mm

	<b>F</b> e		<b>G</b>		<b>I</b>	A304L	
	<b>T</b>						
	1,5	2	3	4	1,5	2	2
MOD B	●	●			●	●	
MOD C	●	●	●	●		●	●
					Pg.		
						91	
						92	

\*En Stock. Posibilidad de fabricación a medida bajo pedido.  
Modelos A, D, E y F bajo demanda.

Types A, D, E and F upon request.  
Modèles A, D, E et F sur demande.



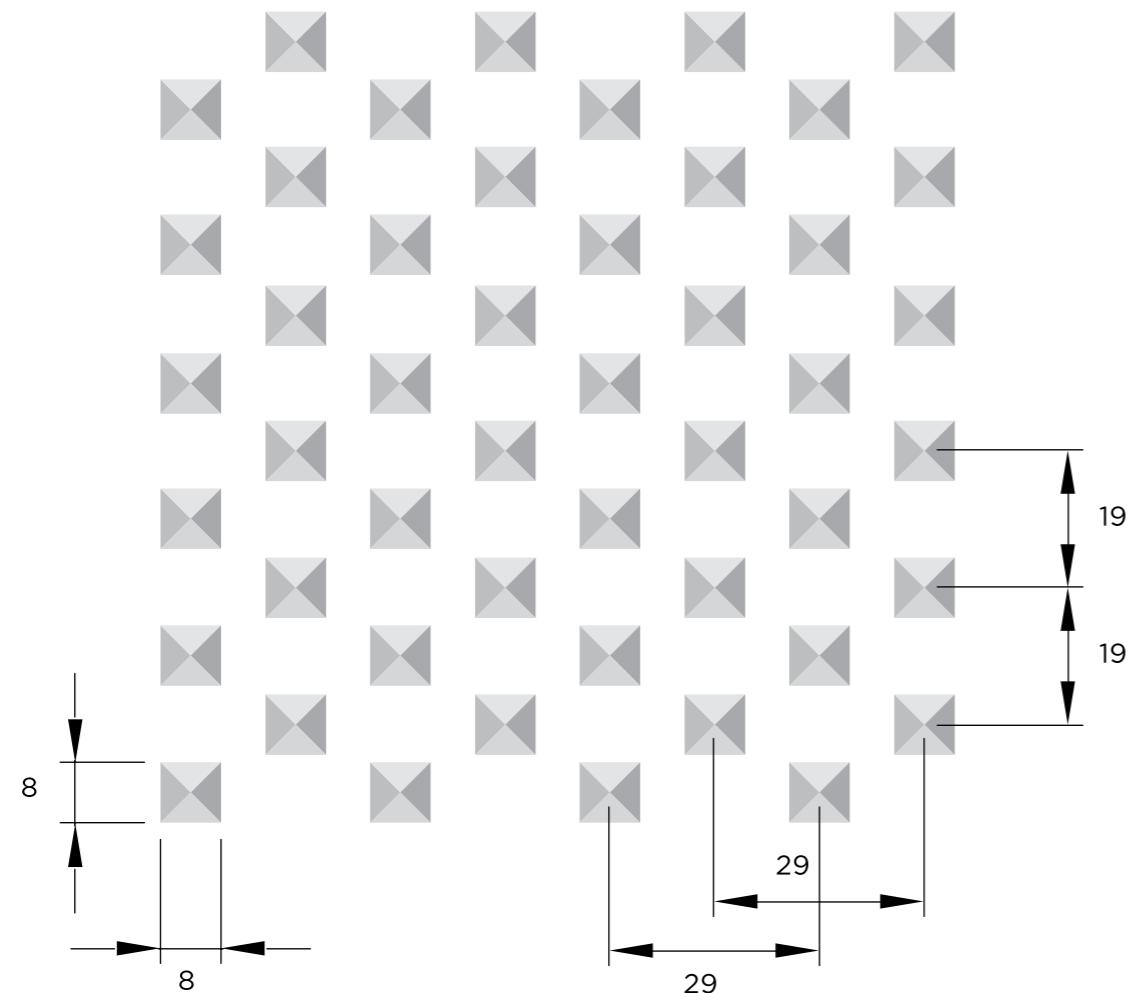


# CHAPA REPUJADA

EMBOSSSED SHEETS | TÔLES GAUFRÉES

## MODELO A

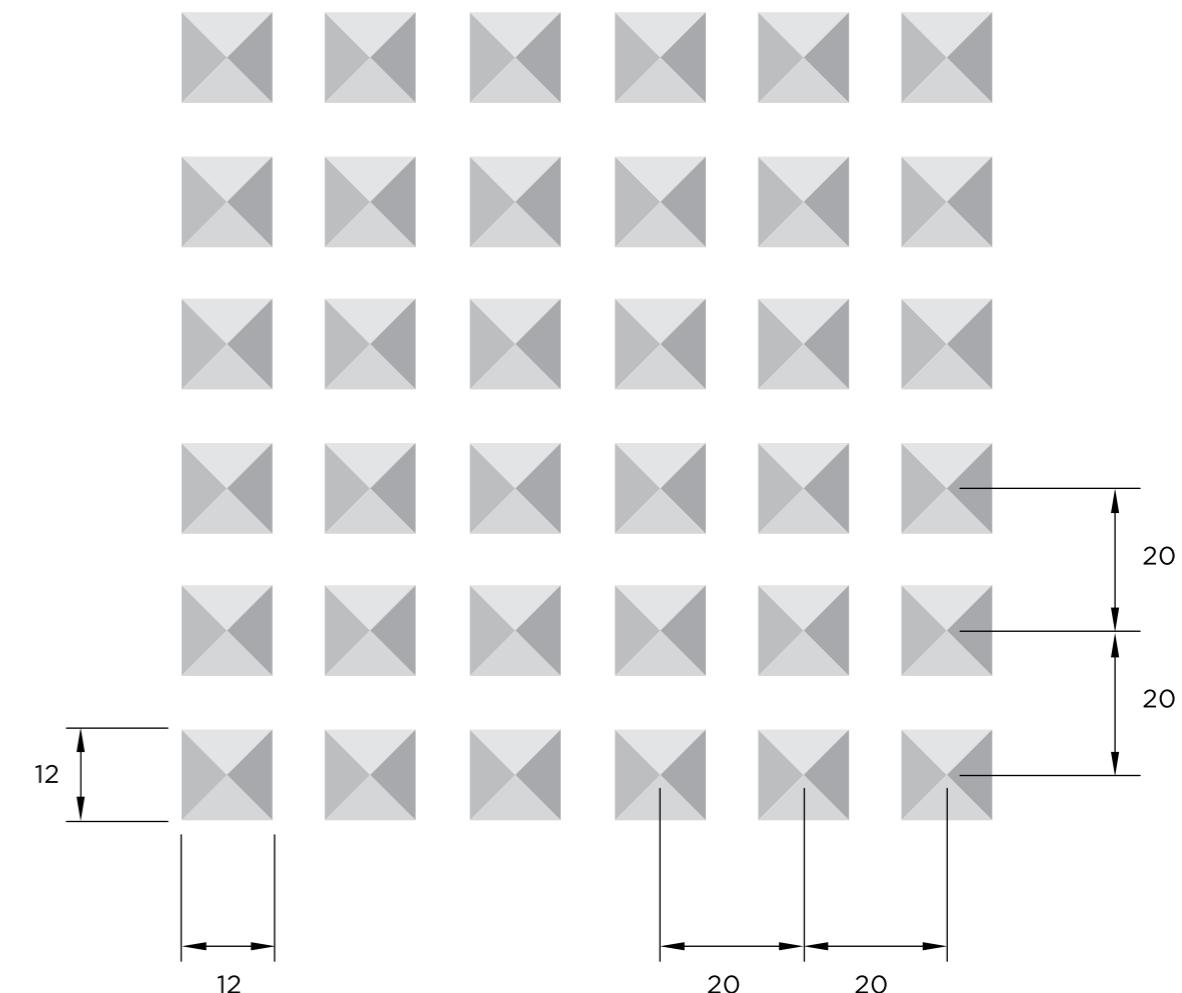
ESCALA | SCALE | ÉCHELLE 1:1



## MODEL A | MODÈLE A

## MODELO B (STOCK)

ESCALA | SCALE | ÉCHELLE 1:1



## MODEL B | MODÈLE B

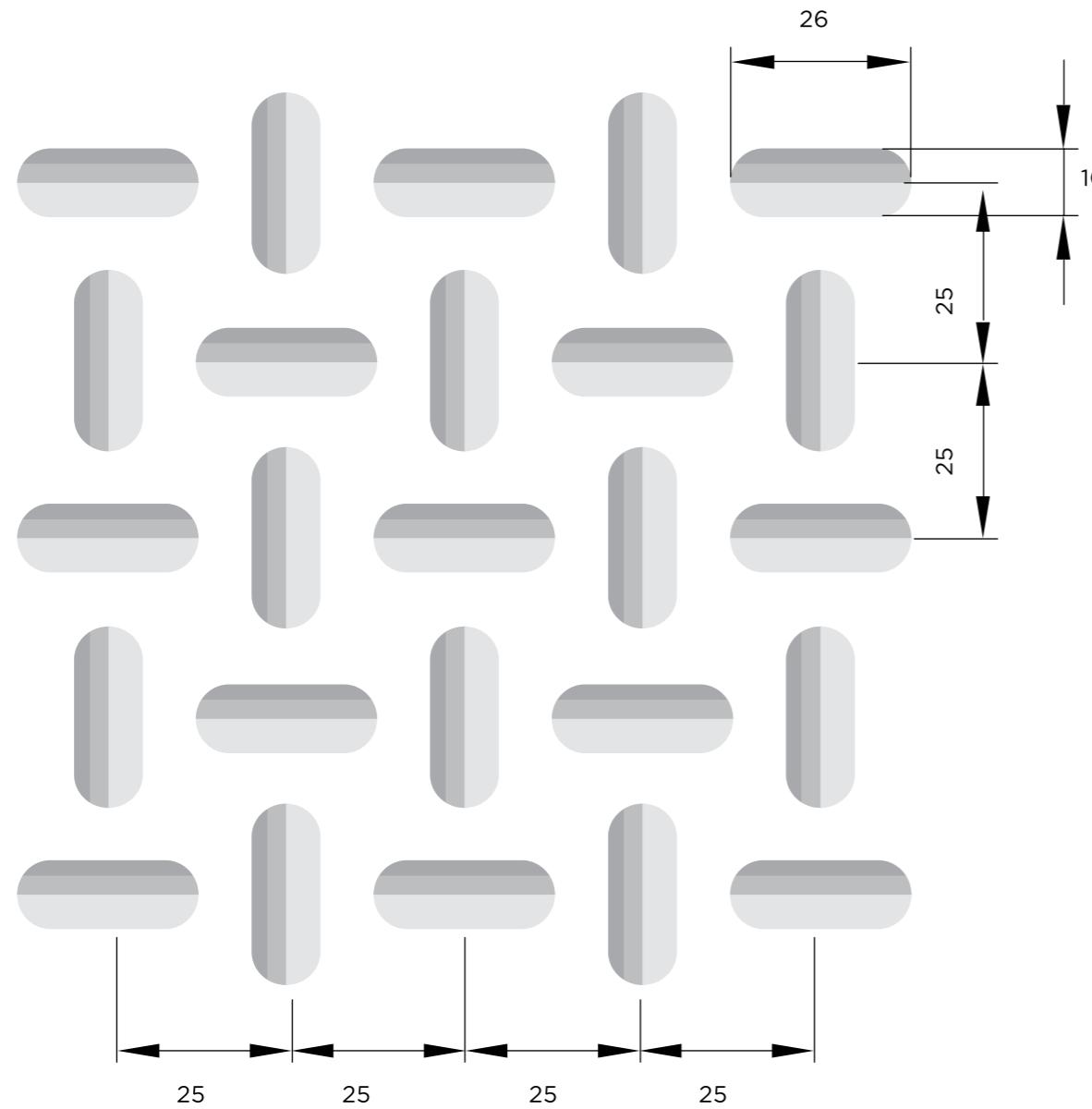


# CHAPA REPUJADA

EMBOSSSED SHEETS | TÔLES GAUFRÉES

## MODELO C (STOCK)

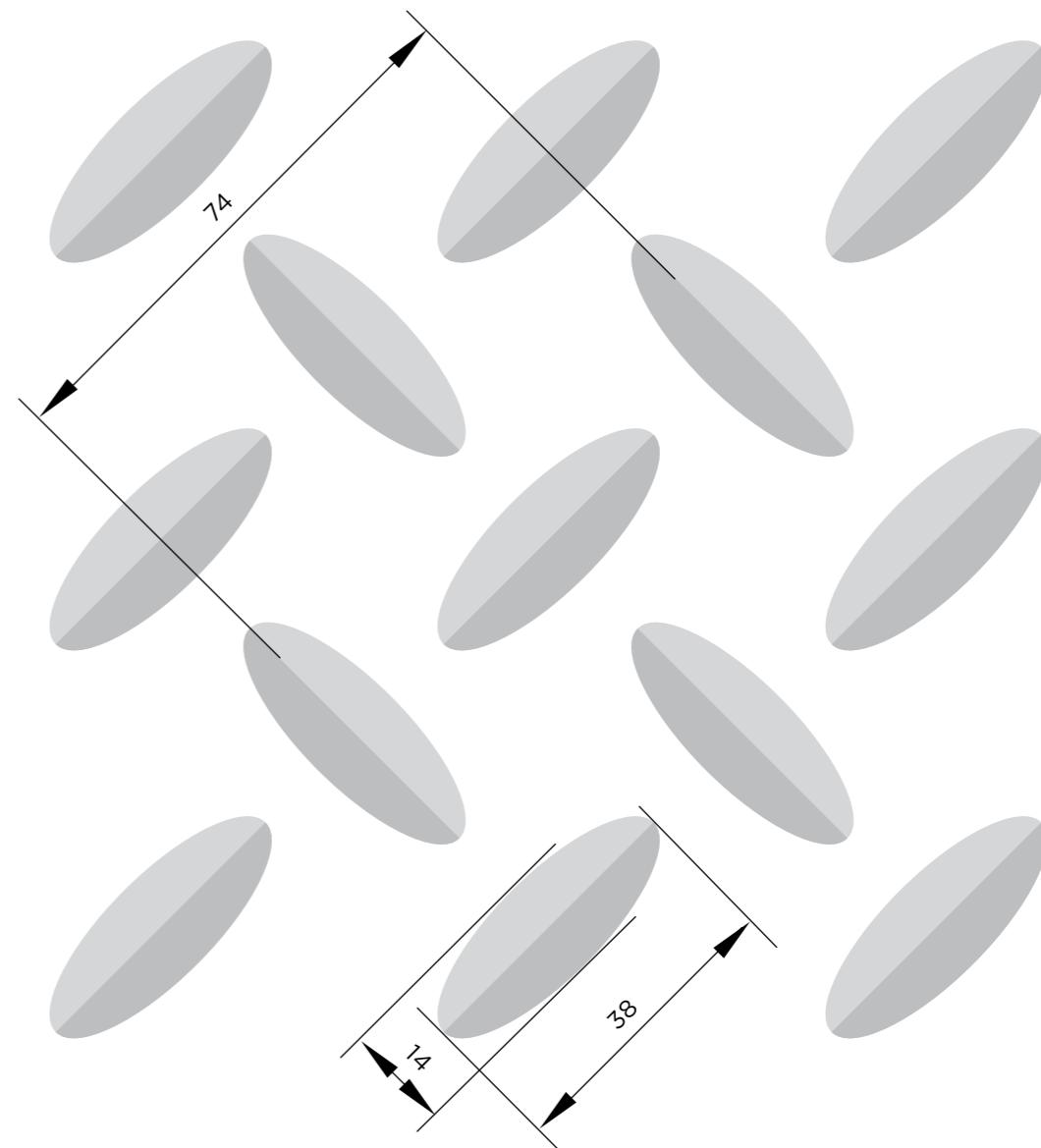
ESCALA | SCALE | ÉCHELLE 1:1



MODEL C | MODÈLE C

## MODELO D

ESCALA | SCALE | ÉCHELLE 1:1



MODEL D | MODÈLE D



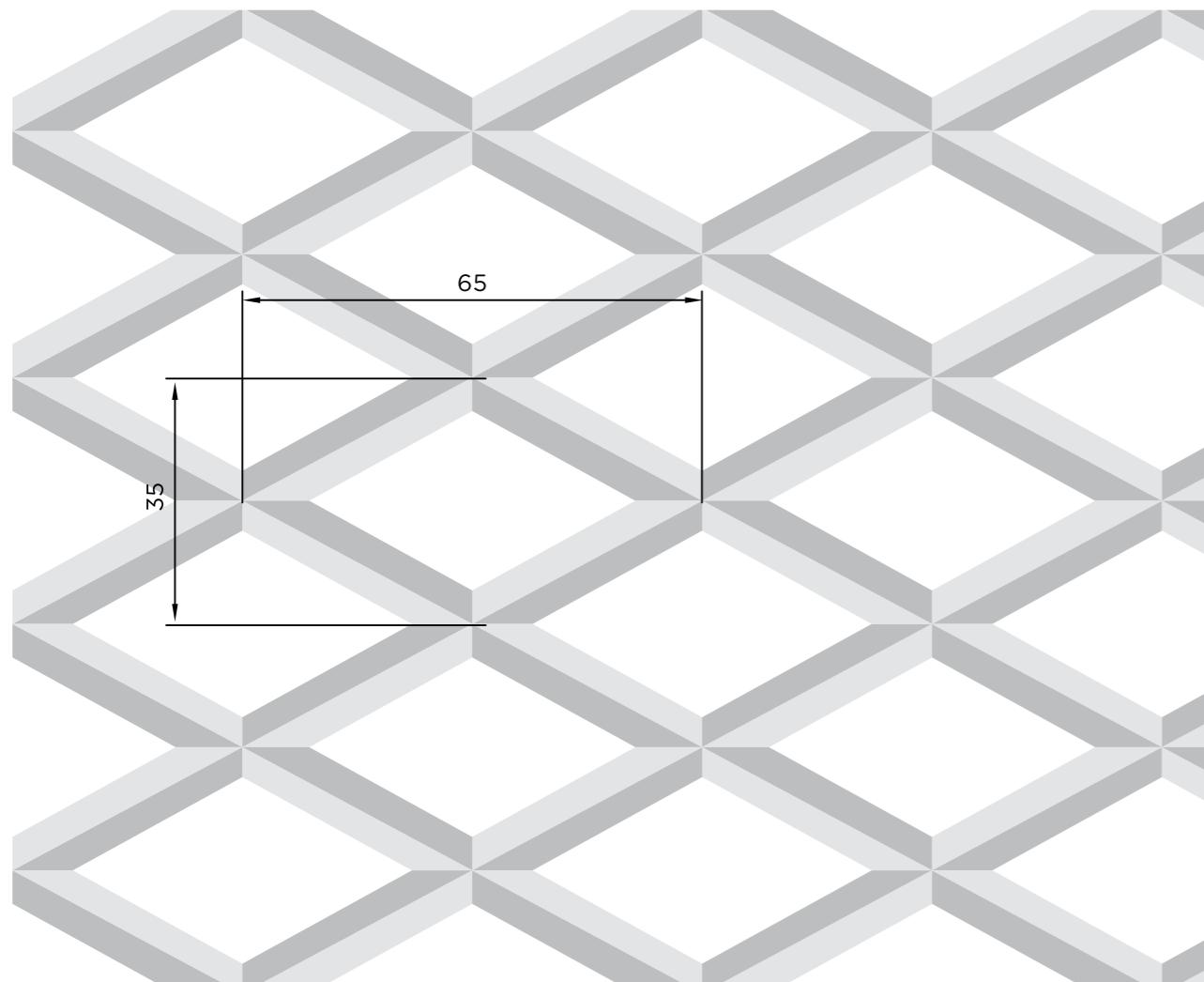
# CHAPA REPUJADA

EMBOSSED SHEETS | TÔLES GAUFRÉES

## MODELO E

MODEL E | MODÈLE E

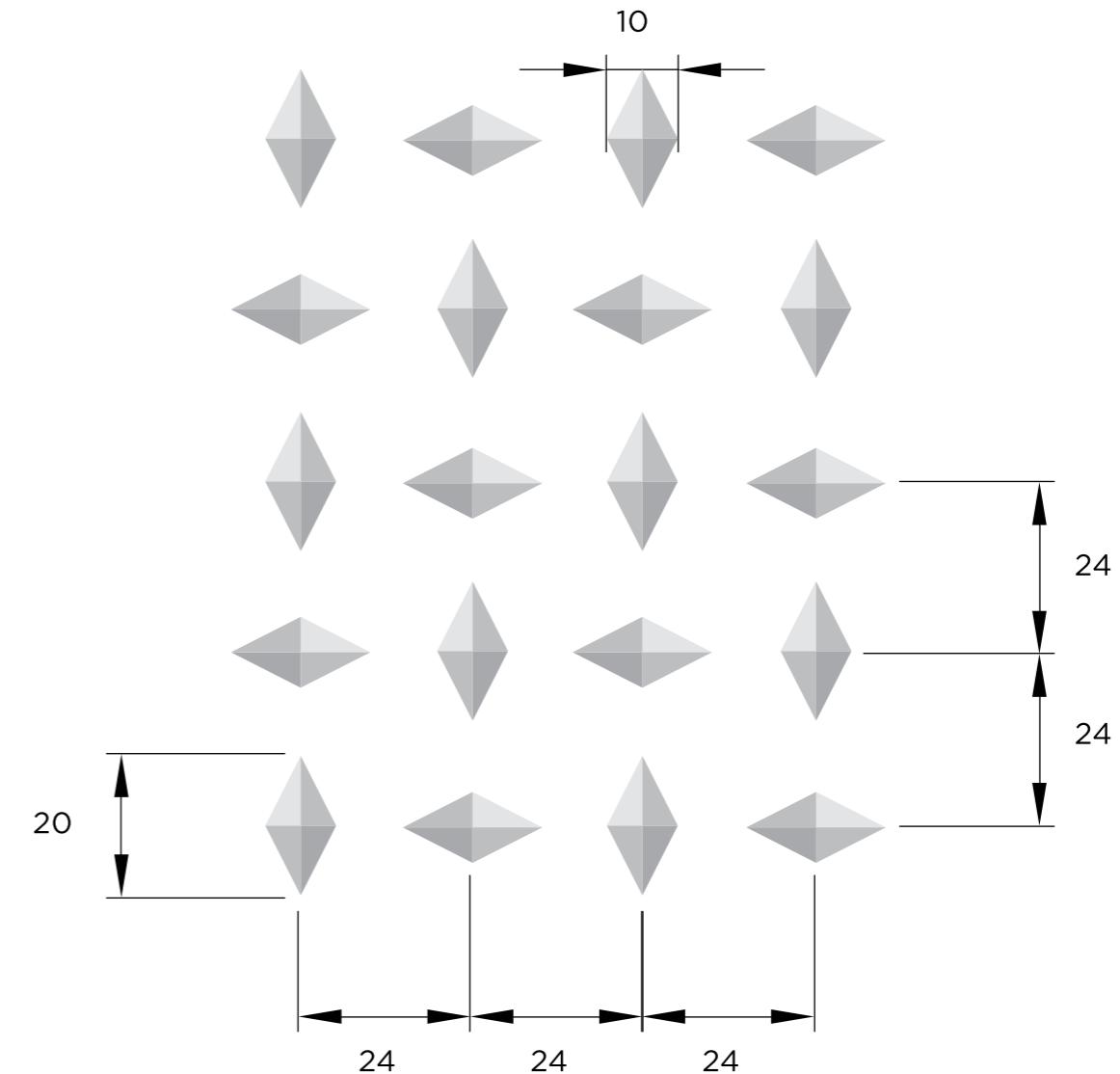
ESCALA | SCALE | ÉCHELLE 1:1

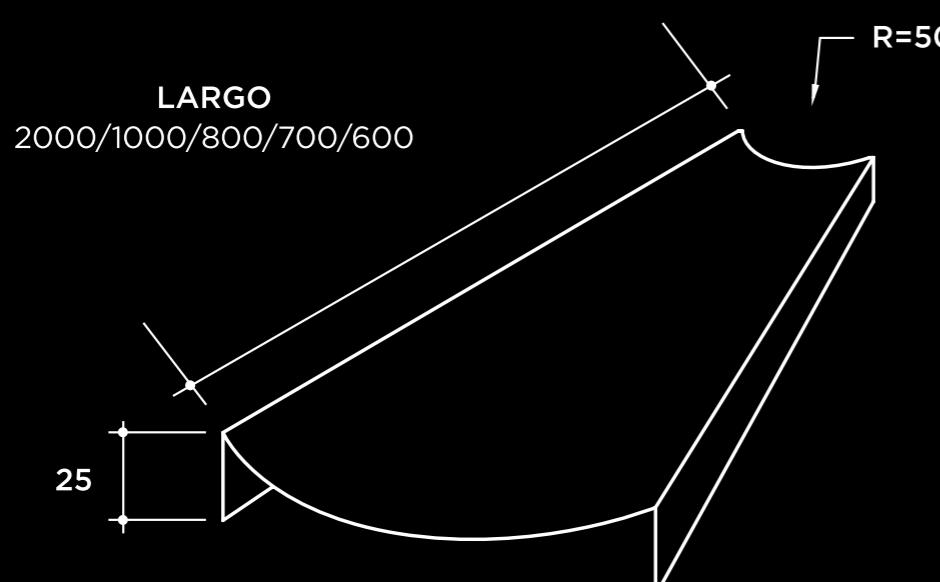
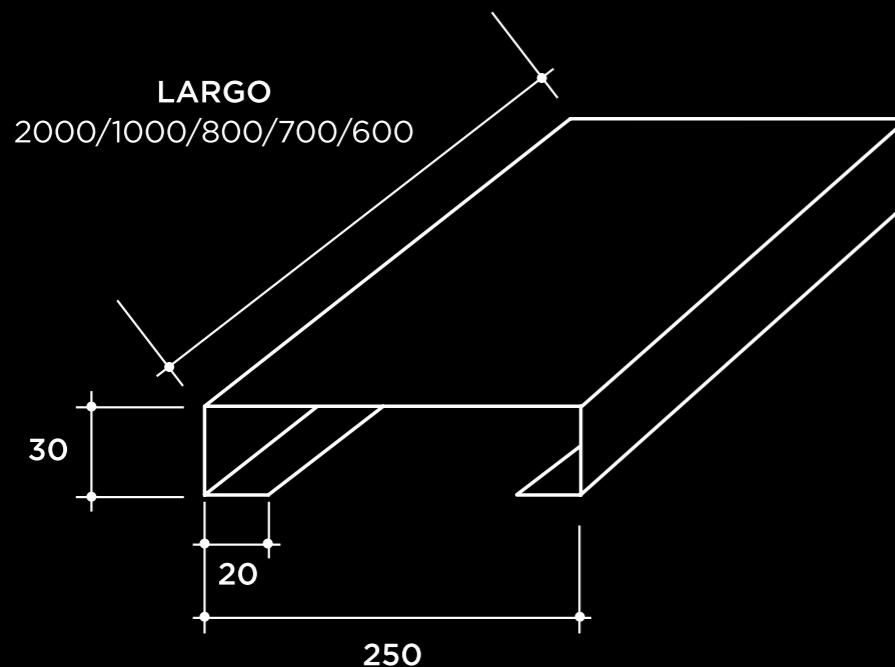


## MODELO F

MODEL F | MODÈLE F

ESCALA | SCALE | ÉCHELLE 1:1





# PISOS METÁLICOS

METALLIC STAIRS | MARCHES MÉTALLIQUES

---

## MODELO



RECABLOCK



RECALIGHT



RECANORM



RECABLOCK  
CARACOL

SPIRAL RECABLOCK  
RECABLOCK COLIMAÇON



RECALIGHT  
CARACOL

SPIRAL RECALIGHT  
RECALIGHT COLIMAÇON

---

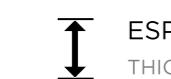
## CARACTERÍSTICAS



LARGO  
LENGTH | LONGUEUR



ANCHO  
WIDTH | LARGEUR



ESPESOR (mm)  
THICKNESS | ÉPAISSEUR

---

## MATERIALES



MATERIALES  
RAW MATERIAL  
MATIÈRE



HIERRO  
MILD STEEL  
ACIER DOUX



GALVANIZADO  
PRE-GALVANIZED  
GALVANISÉ

HOLE | TROU

CHARACTERISTICS | CARACTÉRISTIQUES

RAW MATERIAL | MATIÈRE



# PISOS METÁLICOS

METALLIC STAIRS | MARCHES MÉTALLIQUES

## PISOS METÁLICOS

METALLIC STAIRS | MARCHES MÉTALLIQUES

MOD.	I	B	I		Pg.
			Fe	G	
RECABLOCK	600	250	●	●	100
RECABLOCK	700	250	●	●	100
RECABLOCK	800	250	●	●	100
RECABLOCK	900	250	●	●	100
RECABLOCK	1000	250	●	●	100
RECABLOCK	2000	250	●	●	100
RECABLOCK CARACOL	600		●	●	100
RECABLOCK CARACOL	700		●	●	100
RECABLOCK CARACOL	800		●	●	100
RECALIGHT	600	250	●	●	101
RECALIGHT	700	250	●	●	101
RECALIGHT	800	250	●	●	101
RECALIGHT	900	250	●	●	101
RECALIGHT	1000	250	●	●	101
RECALIGHT	2000	250	●	●	101
RECALIGHT CARACOL	600		●	●	101
RECALIGHT CARACOL	700		●	●	101
RECALIGHT CARACOL	800		●	●	101
RECANORM	600	250	●	●	101
RECANORM	700	250	●	●	101
RECANORM	800	250	●	●	101
RECANORM	1000	250	●	●	101
RECANORM	2000	250	●	●	101

\*En Stock. Posibilidad de fabricación a medida bajo pedido.

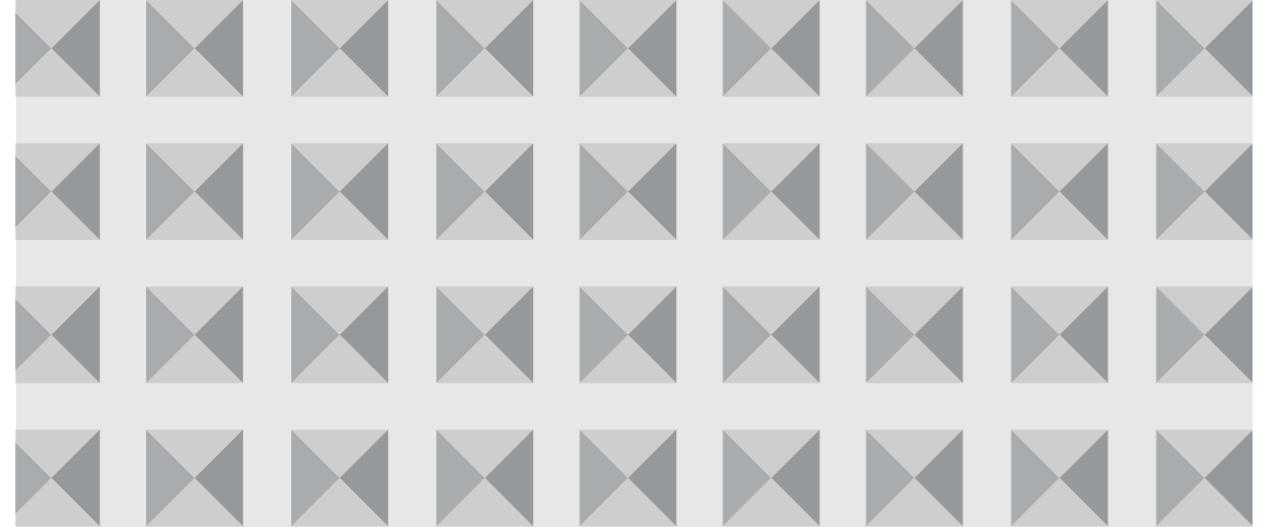
\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.



RECABLOCK MODELO B

RECABLOCK MODEL B | RECABLOCK MODÈLE B



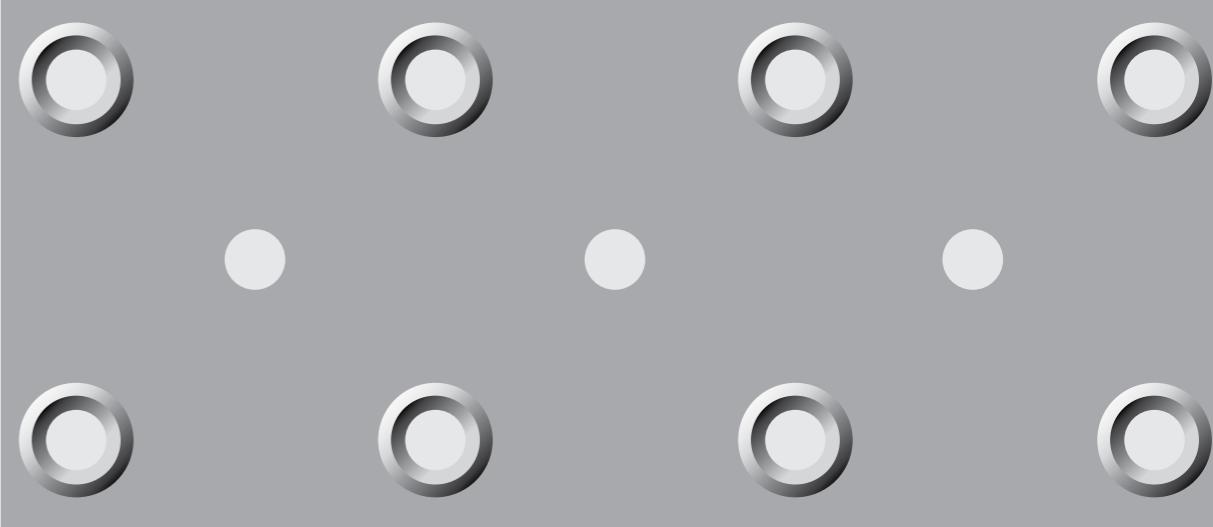
ESCALA | SCALE | ÉCHELLE 1:1

RECABLOCK CARACOL MODELO C RECABLOCK SPIRAL MODEL C | RECABLOCK COLIMANÇON MODÈLE C



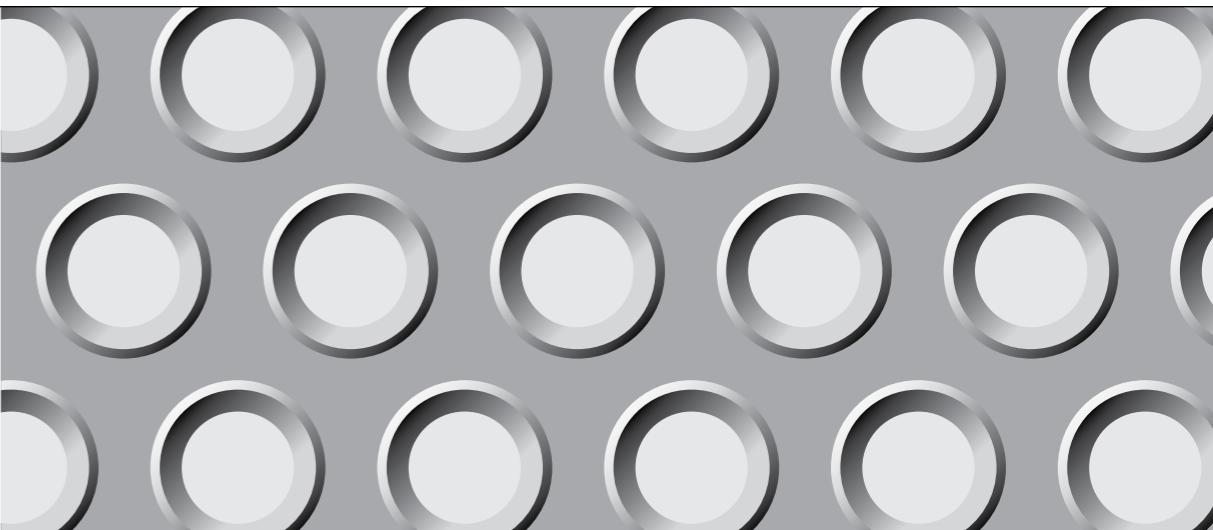
ESCALA | SCALE | ÉCHELLE 1:1

RECANORM R8

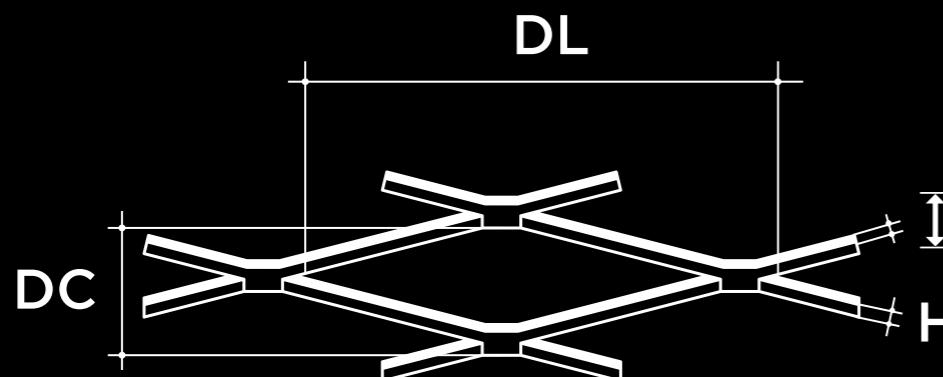


ESCALA | SCALE | ÉCHELLE 1:1

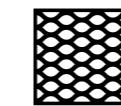
RECALIGHT R15



ESCALA | SCALE | ÉCHELLE 1:1



$$\frac{DC}{2 \times HILO} = X \quad \left| \quad \frac{100}{X} = Y \quad \right| \quad Y - 100 = \text{SUPERFICIE LIBRE}$$



## METAL DEPLOYÉ

EXPANDED METAL | METAL DEPLOYÉ

AGUJERO

HOLE | TROU



DIAGONAL LARGA  
LONG DIAGONAL  
DIAGONALE LONGUE



DIAGONAL CORTA  
SHORT DIAGONAL  
DIAGONALE COURTE



HILO  
STRAND  
LANIÈRE

### CARACTERÍSTICAS

CHARACTERISTICS | CARACTÉRISTIQUES



MATERIALES  
RAW MATERIAL  
MATIÈRE



FORMATO  
DIMENSION  
FORMATS



ESPESOR (mm)  
THICKNESS (mm)  
ÉPAISSEUR (mm)

### MATERIALES

RAW MATERIAL | MATIÈRE



HIERRO  
MILD STEEL  
ACIER DOUX



GALVANIZADO  
GALVANIZED  
GALVANISÉ



INOXIDABLE  
STAINLESS STEEL  
INOXYDABLE

# METAL DEPLOYÉ

EXPANDED METAL | METAL DEPLOYÉ

## STOCK

	Fe							
	$\frac{t}{mm}$							
	0,5	0,8	1	1,5	2	2,5	3	Pg.
M5x10 H1	●	●	●					-
M8x16 H1	●	●	●					112
M8x16 H1,2			●					-
M10x20 H1			●					-
M10x20 H1,5			●	●				-
M12x40 H1,5			●	●				-
M12x40 H2		●	●					108
M12x40 H2,5			●					-
M13x30 H1		●						-
M13x30 H1,5		●	●					-
M13x30 H2		●	●					107
M13x30 H2,5			●					-
M22x50 H2			●					108
M22x50 H2,5			●					-
M22x50 H3				●	●	●		-
M22x50 H4						●		-
M22x50 H6						●		-
M25x60 H2		●						106
M25x60 H2,5		●						-
M25x60 H3			●	●	●			-
M25x60 H4						●		-
M25x60 H5						●		-
M25x60 H6						●		-
M28x75 H2,5		●						107
M28x75 H3			●	●	●			-
M28x75 H4		●	●					-
M40x114 H2		●	●					106
M40x114 H3			●	●	●			-
M40x114 H4						●		-
M40x114 H6						●		-

## STOCK ARQUITECTURA

ARCHITECTURE | ARCHITECTURE

	Fe							
	$\frac{t}{mm}$							
	0,5	0,8	1	1,5	2	2,5	3	Pg.
M50x114 H20				●	●			111
M50x114 H24							●	-

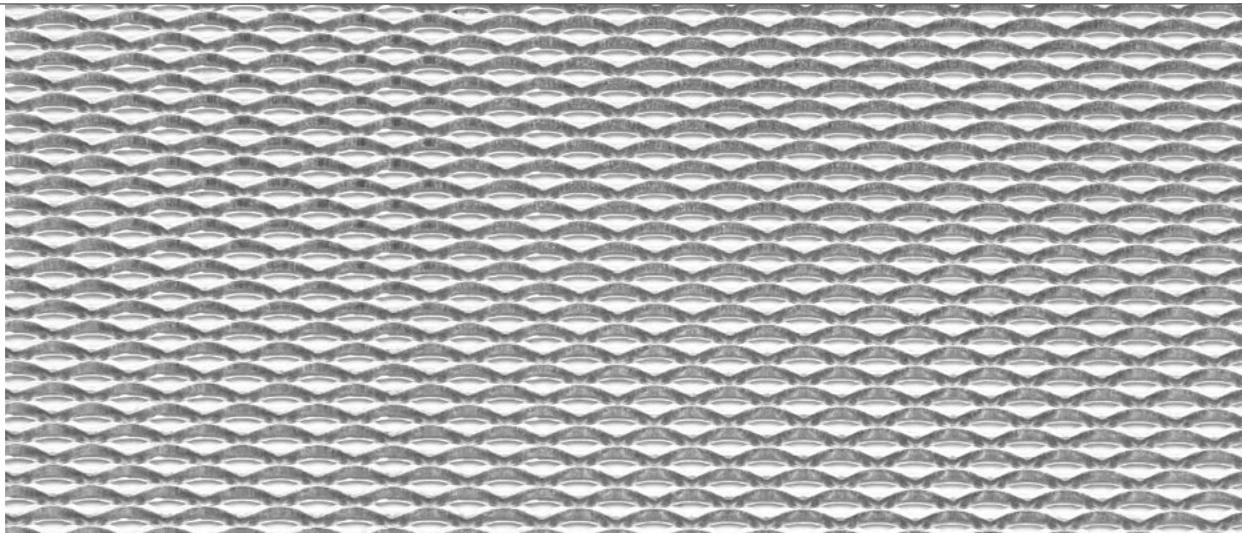
\*En Stock. Posibilidad de fabricación a medida bajo pedido.

\*In stock. Special dimensions upon request.

\*En stock. Autres dimensions sur demande.



**DC  
5  
DL  
10  
H2**

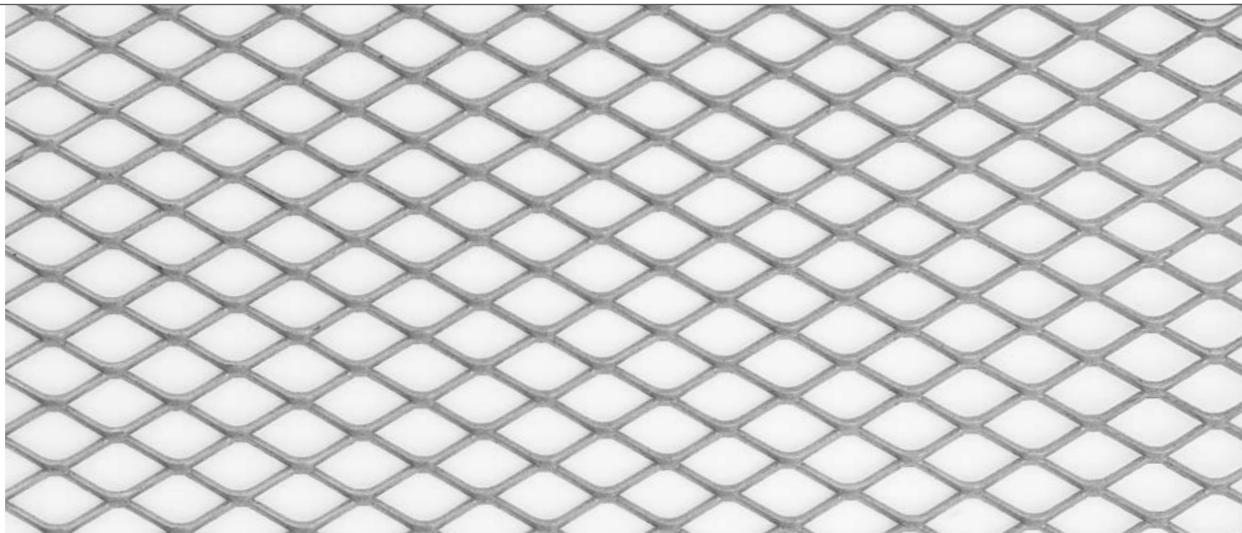


ESCALA | SCALE | ÉCHELLE 1:1

-  DC 5 mm
-  20 %
-  DL 10 mm
-  H 2 mm



**DC  
8  
DL  
16  
H1**

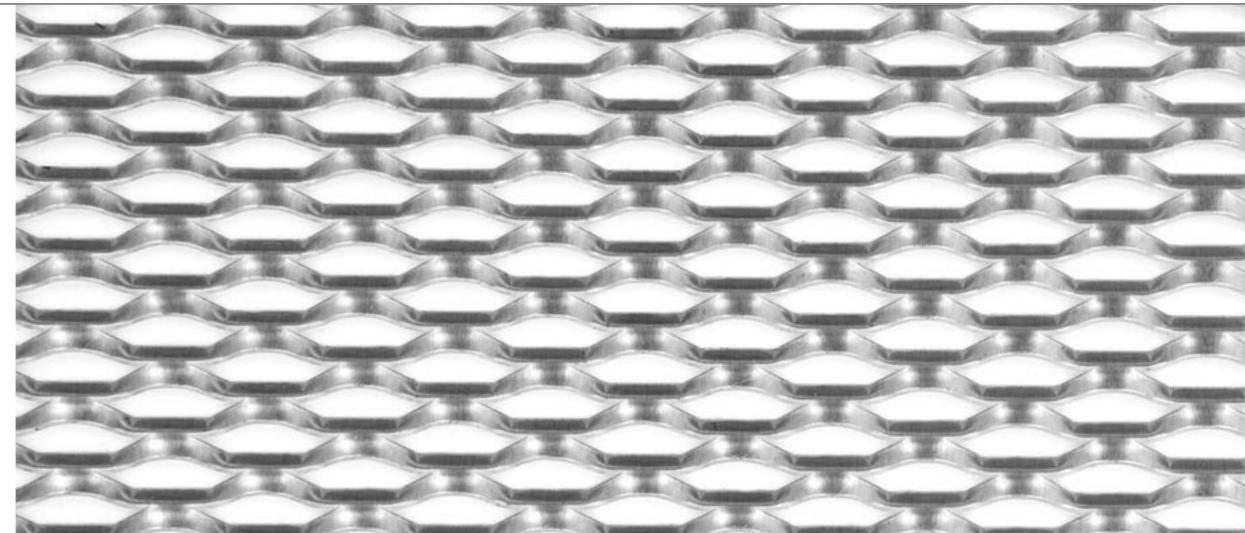


ESCALA | SCALE | ÉCHELLE 1:1

-  DC 8 mm
-  75 %
-  DL 16 mm
-  H 1 mm



**DC  
9  
DL  
25  
H4**

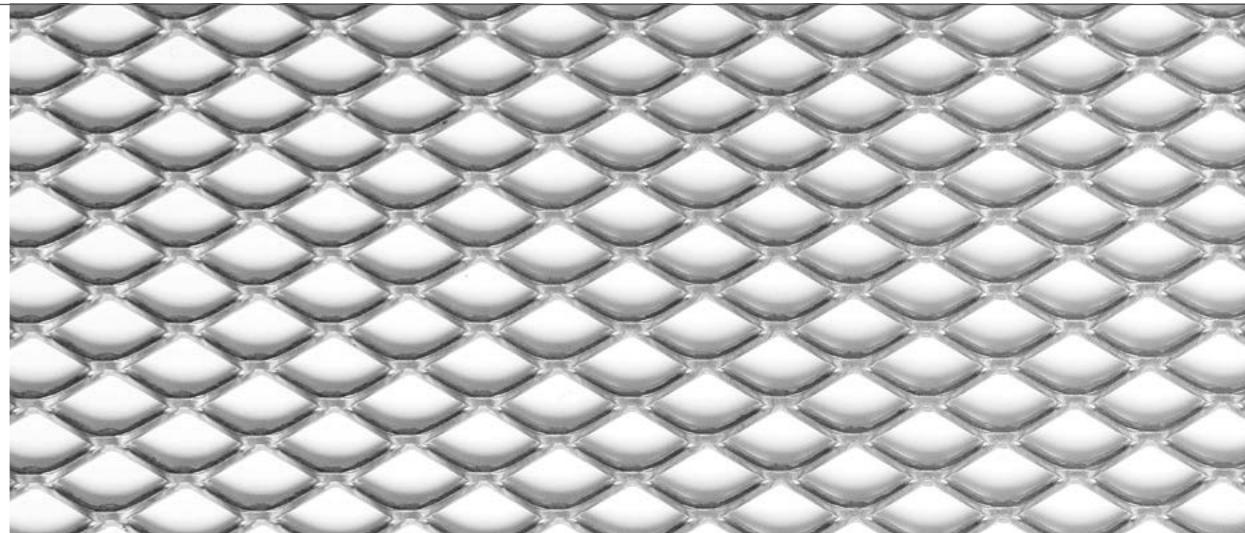


ESCALA | SCALE | ÉCHELLE 1:1

-  DC 9 mm
-  11 %
-  DL 25 mm
-  H 4 mm



**DC  
10  
DL  
20  
H2**

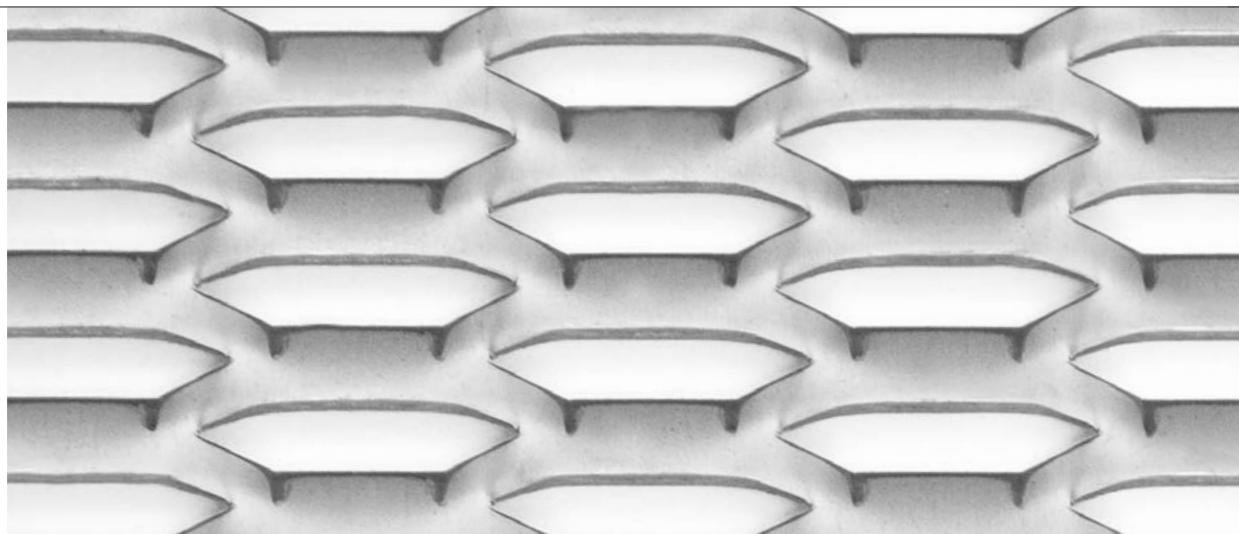


ESCALA | SCALE | ÉCHELLE 1:1

-  DC 10 mm
-  60 %
-  DL 20 mm
-  H 2 mm



**DC  
10  
DL  
44  
H4**



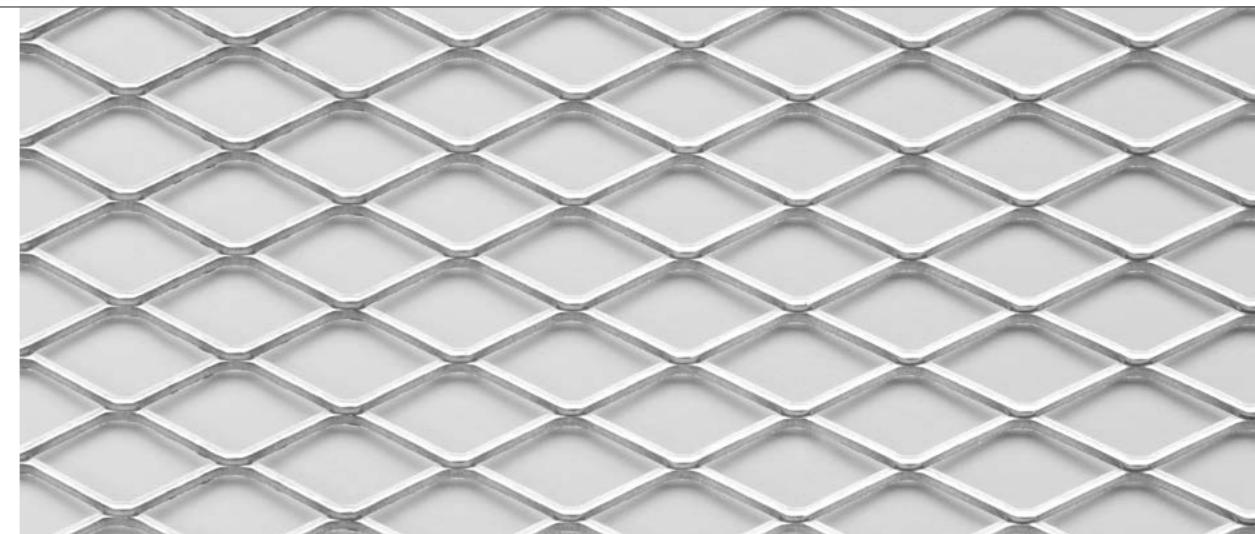
ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 1,5 - 2

**DC** 10 mm    **DL** 44 mm    **H** 4 mm

**DC  
13  
DL  
30  
H2**



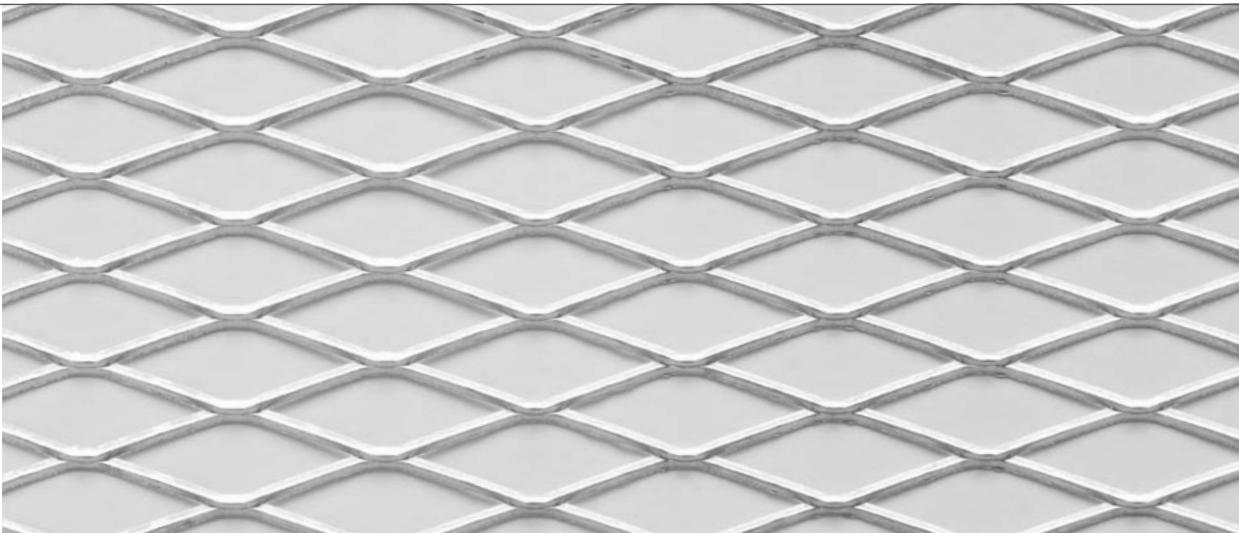
ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 1 - 1,5 - 2

**DC** 13 mm    **DL** 30 mm    **H** 2 mm

**DC  
12  
DL  
40  
H2**



ESCALA | SCALE | ÉCHELLE 1:1



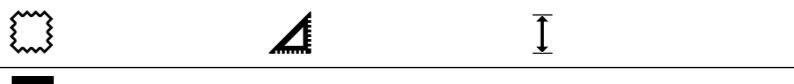
**Fe** 1 - 1,5 - 2

**DC** 12 mm    **DL** 40 mm    **H** 2 mm

**DC  
22  
DL  
50  
H2**



ESCALA | SCALE | ÉCHELLE 1:1



**Fe** 1 - 1,5 - 2

**DC** 22 mm    **DL** 50 mm    **H** 2 mm

**DC  
25  
DL  
60  
H2**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 1 - 1,5 - 2

- DC** 25 mm  84 %
- DL** 60 mm
- H** 2 mm

**DC  
30  
DL  
62  
H2**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 1 - 1,5 - 2

- DC** 30 mm  87 %
- DL** 62 mm
- H** 2 mm

**DC  
28  
DL  
75  
H2.5**



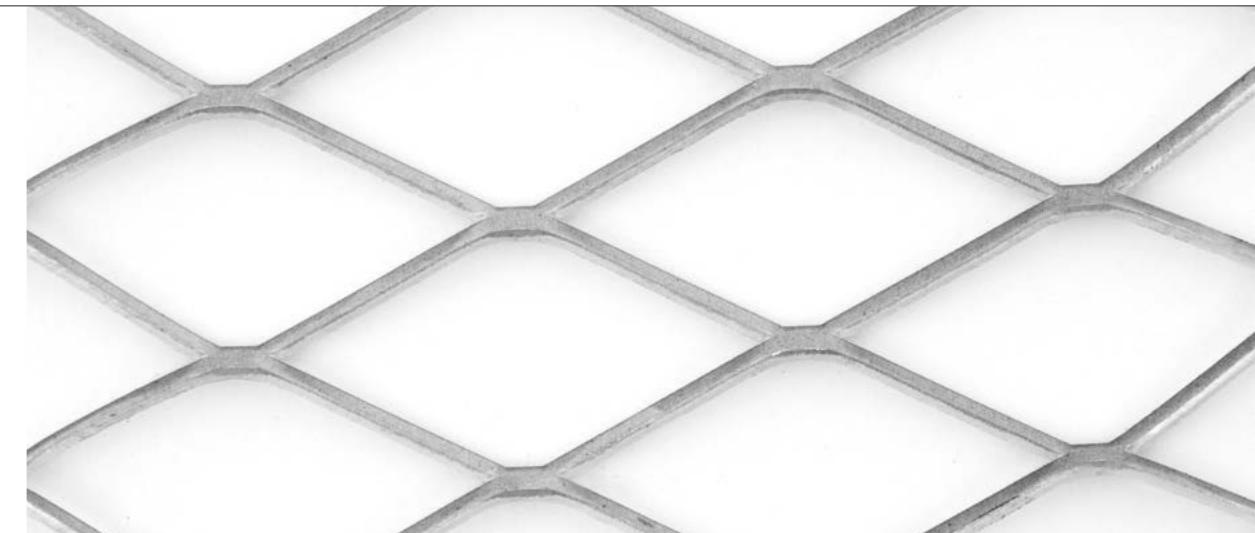
ESCALA | SCALE | ÉCHELLE 1:1



Fe 1 - 1,5 - 2

- DC** 28 mm  80 %
- DL** 75 mm
- H** 2.5 mm

**DC  
33  
DL  
75  
H4**



ESCALA | SCALE | ÉCHELLE 1:1



Fe 1,5 - 2

- DC** 33 mm  20 %
- DL** 75 mm
- H** 4 mm

**DC  
40  
DL  
114  
H2**

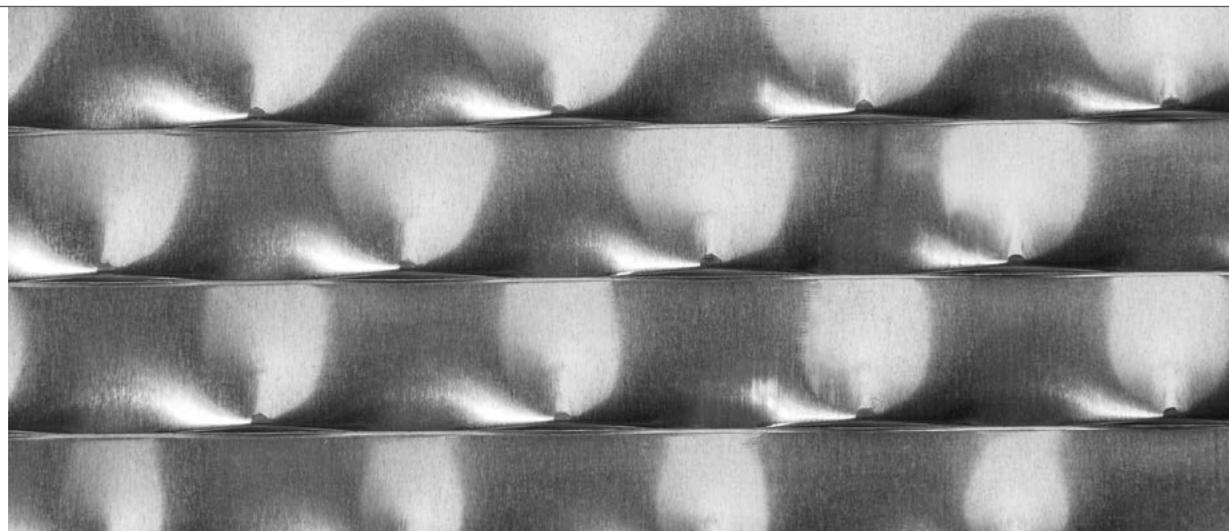


ESCALA | SCALE | ÉCHELLE 1:1



<b>DC</b>	40 mm	<b>Fe</b>	1 - 1,5 - 2
<b>DL</b>	114 mm		
<b>H</b>	2 mm		

**DC  
40  
DL  
40  
H20**

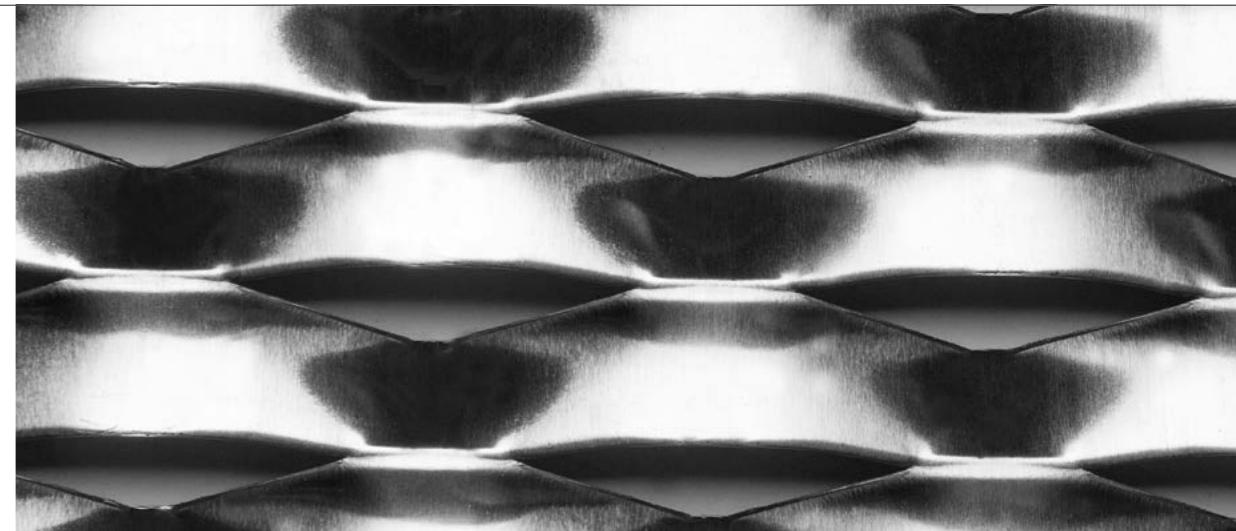


ESCALA | SCALE | ÉCHELLE 1:1



<b>DC</b>	40 mm	<b>Fe</b>	1,5 - 2
<b>DL</b>	40 mm		
<b>H</b>	20 mm		

**DC  
46  
DL  
75  
H20**

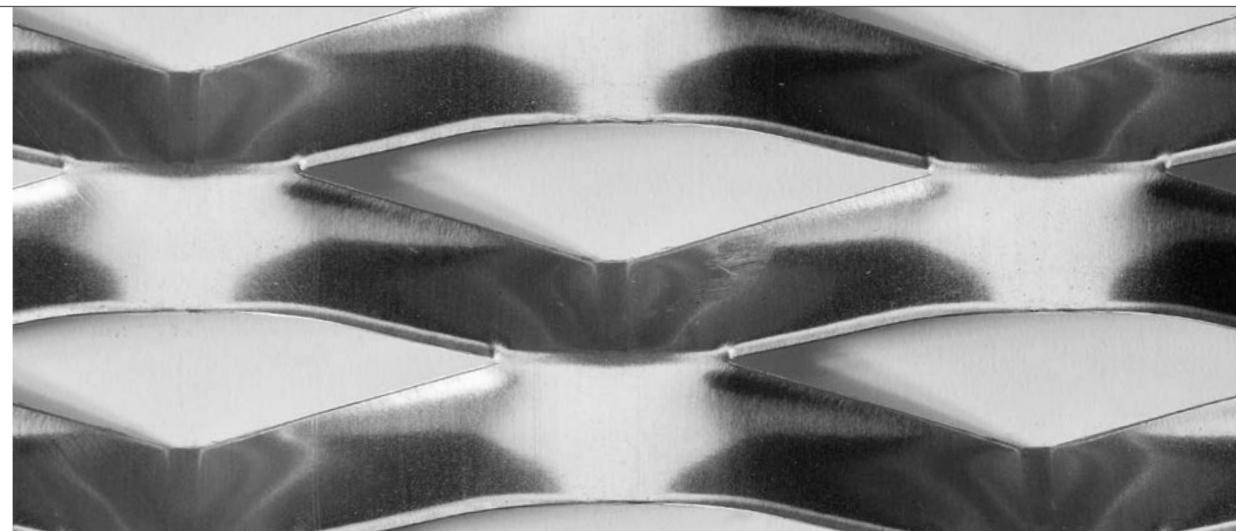


ESCALA | SCALE | ÉCHELLE 1:1



<b>DC</b>	46 mm	<b>Fe</b>	1,5 - 2
<b>DL</b>	75 mm		
<b>H</b>	20 mm		

**DC  
50  
DL  
114  
H20**

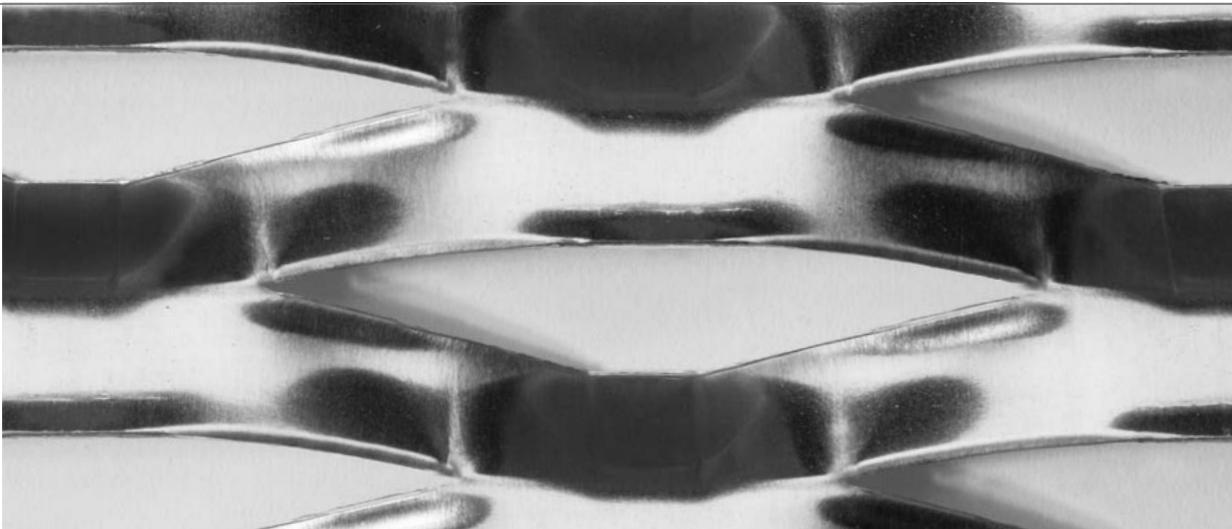


ESCALA | SCALE | ÉCHELLE 1:1

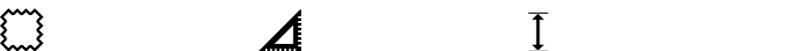


<b>DC</b>	50 mm	<b>Fe</b>	1,5 - 2
<b>DL</b>	114 mm		
<b>H</b>	20 mm		

**DC  
50  
DL  
150  
H20**



ESCALA | SCALE | ÉCHELLE 1:1



**DC** 50 mm **DL** 150 mm **H** 20 mm



1,5 - 2

**DL** 150 mm

**H** 20 mm

## OTRAS REFERENCIAS DISPONIBLES

OTHER AVAILABLE REFERENCES | AUTRES RÉFÉRENCES DISPONIBLES

6X10mm

9X25mm

10x44mm

15X43mm

20X43mm

20X60mm

30X62mm

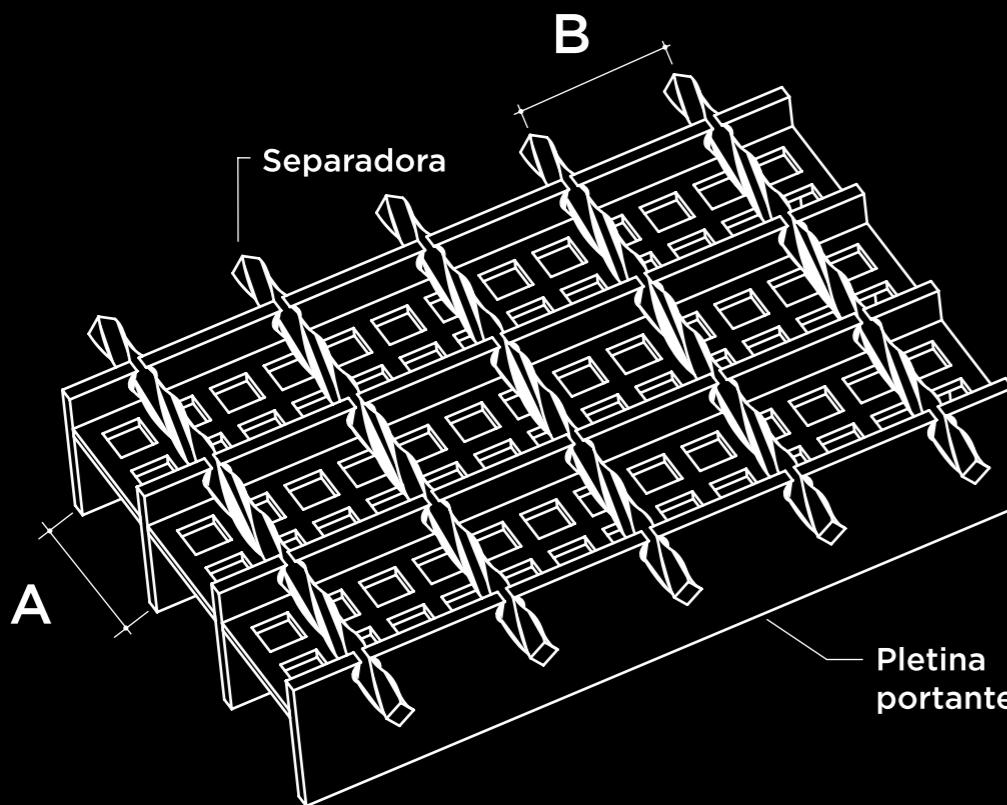
75X200mm

83X200mm

100X250mm

120X300mm





## ENTRAMADOS METÁLICOS

GRATINGS | CAILLEBOTIS MÉTALLIQUES

### CARACTERÍSTICAS

### CHARACTERISTICS | CARACTÉRISTIQUES



MATERIALES  
RAW MATERIAL  
MATIÈRE



FORMATO  
DIMENSION  
FORMAT



SEPARADOR (mm)  
CROSS-BAR (mm)  
SÉPARATEUR (mm)



MALLA  
MESH | MAILLE



LARGO  
LENGTH | LONGUEUR



ANCHO  
WIDTH | LARGEUR



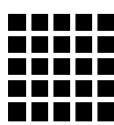
PLETINA PORTANTE (mm)  
BEARING BAR (mm)  
PLAT PORTEUR (mm)

### MATERIALES

### MATERIALS | MATIÈRE



GALVANIZADO EN CALIENTE  
HOT DIP GALVANIZED  
GALVANISÉ À CHAUD



# ENTRAMADOS METÁLICOS

GRATINGS | CAILLEBOTIS MÉTALLIQUES

## ENTRAMADOS RECASOLD

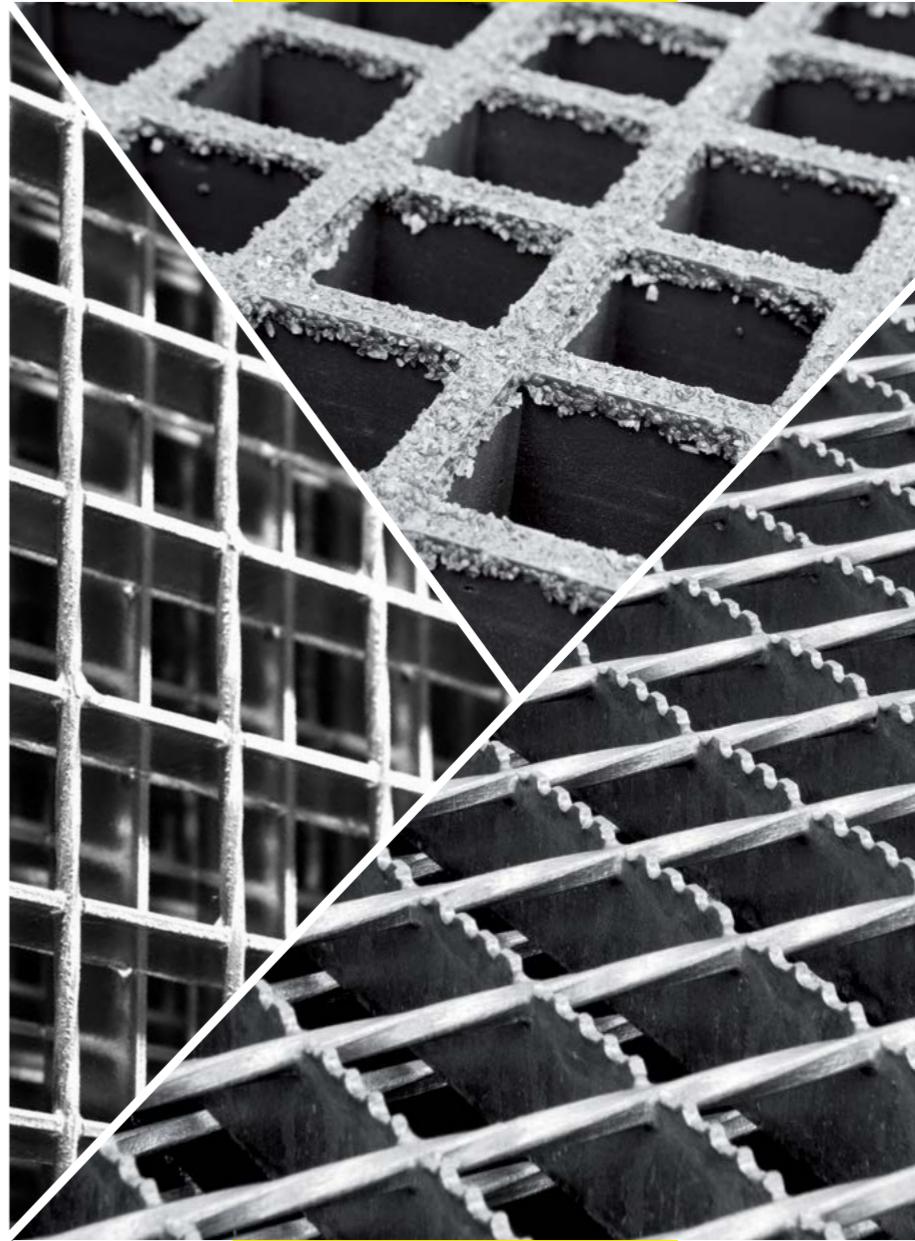
GRATINGS RECASOLD | CAILLEBOTIS RECASOLD

					Pg.
30X30	25X2	Ø 5 MM.	2000X1000	G	122
30X30	30X2	Ø 5 MM.	200X1000	G	122
30X30	30X2	Ø 5 MM.	250X1000	G	122
30X30	30X2	Ø 5 MM.	300X1000	G	122
30X30	30X2	Ø 5 MM.	400X1000	G	122
30X30	30X2	Ø 5 MM.	500X1000	G	122
30X30	30X2	Ø 5 MM.	600X1000	G	122
30X30	30X2	Ø 5 MM.	700X1000	G	122
30X30	30X2	Ø 5 MM.	800X1000	G	122
30X30	30X2	Ø 5 MM.	900X1000	G	122
30X30	30X2	Ø 5 MM.	1000X1000	G	122
30X30	30X2	Ø 5 MM.	1200X1000	G	122
30X30	30X2	Ø 5 MM.	1500X1000	G	122
30X30	30X2	Ø 5 MM.	2000X1000	G	122
30X30	30X2	Ø 5 MM.	2500X1000	G	122
30X30	30X2	Ø 5 MM.	3000X1000	G	122
30X30	30X3	Ø 5 MM.	250X1000	G	122
30X30	30X3	Ø 5 MM.	300X1000	G	122
30X30	30X3	Ø 5 MM.	400X1000	G	122
30X30	30X3	Ø 5 MM.	1000X1000	G	122
30X30	30X3	Ø 5 MM.	1200X1000	G	122
30X30	30X3	Ø 5 MM.	1500X1000	G	122
30X30	30X3	Ø 5 MM.	2000X1000	G	122
30X30	30X3	Ø 5 MM.	3000X1000	G	122
30X30	40X3	Ø 5 MM.	2000X1000	G	122

\*En Stock. La primera medida indica el sentido de la pletina portante. Posibilidad de fabricación a medida bajo pedido.

\*In stock. The first measurement indicates the bearing bar direction. Special dimensions upon request.

\*En stock. La première mesure indique le sens du plat porteur. Autres dimensions sur demande





# ENTRAMADOS METÁLICOS

GRATINGS | CAILLEBOTIS MÉTALLIQUES

## PELDAÑOS RECASOLD

RECASOLD STAIRS | MARCHES RECASOLD

					Pg.
30x30	30x2	Ø 5 mm.	600X240		122
30x30	30x2	Ø 5 mm.	700X240		122
30x30	30x2	Ø 5 mm.	700X270		122
30x30	30x2	Ø 5 mm.	800X240		122
30x30	30x2	Ø 5 mm.	800X270		122
30x30	30x3	Ø 5 mm.	900X270		122
30x30	30x3	Ø 5 mm.	1000X270		122
30x30	30x3	Ø 5 mm.	1000X300		122
30x30	30x3	Ø 5 mm.	1200X300		122

## ENTRAMADOS RECASOLD CON MALLA DE SEGURIDAD

SECURITY MESH RECASOLD GRATINGS | CAILLEBOTIS RECASOLD AVEC MAILLE DE SÉCURITÉ

					Pg.
30x30	30x2	Ø 5 mm.	500X1000		122
30x30	30x2	Ø 5 mm.	600X1000		122
30x30	30x2	Ø 5 mm.	700X1000		122
30x30	30x2	Ø 5 mm.	800X1000		122
30x30	30x2	Ø 5 mm.	1000X1000		122
30x30	30x2	Ø 5 mm.	2000X1000		122
30x30	30x3	Ø 5 mm.	1000X1000		122
30x30	30x3	Ø 5 mm.	1200X1000		122
30x30	30x3	Ø 5 mm.	1500X1000		122
30x30	30x3	Ø 5 mm.	2000X1000		122

\*En Stock. La primera medida indica el sentido de la pletina portante. Posibilidad de fabricación a medida bajo pedido.

\*In stock. The first measurement indicates the bearing bar direction. Special dimensions upon request.

\*En stock. La première mesure indique le sens du plat porteur. Autres dimensions sur demande

## PELDAÑOS RECASOLD DE SEGURIDAD

SECURITY MESH RECASOLD STAIRS | MARCHES RECASOLD AVEC MAILLE DE SÉCURITÉ

					Pg.
30x30	30x2	Ø 5 mm.	800X240		122
30x30	30x3	Ø 5 mm.	900X270		122
			1000X270		122
			1000X300		122

## ENTRAMADOS RECASOLD DENTADO

SERRATED RECASOLD GRATINGS | CAILLEBOTIS RECASOLD CRANTÉS

					Pg.
30x30	30x2 dentada	Ø 5 mm.	2000x1000		123

## ENTRAMADOS RECA

RECA GRATINGS | CAILLEBOTIS RECA

					Pg.
30x30	25x2	10x2	500x1000		123
			1000x1000		123
			2000x1000		123
30x30	30x2	10x2	1000x1000		123
			2000x1000		123
			3000x1000		123
30x30	30x2	30x2	2000x1000		124
30x30	30x3	30x3	2000x1000		124

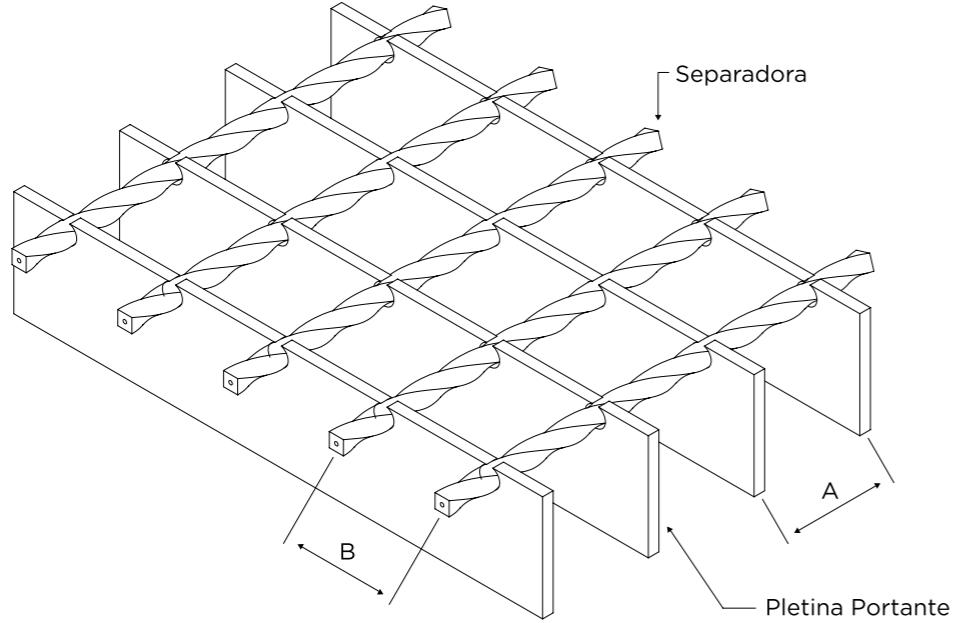
\*En Stock. La primera medida indica el sentido de la pletina portante. Posibilidad de fabricación a medida bajo pedido.

\*In stock. The first measurement indicates the bearing bar direction. Special dimensions upon request.

\*En stock. La première mesure indique le sens du plat porteur. Autres dimensions sur demande

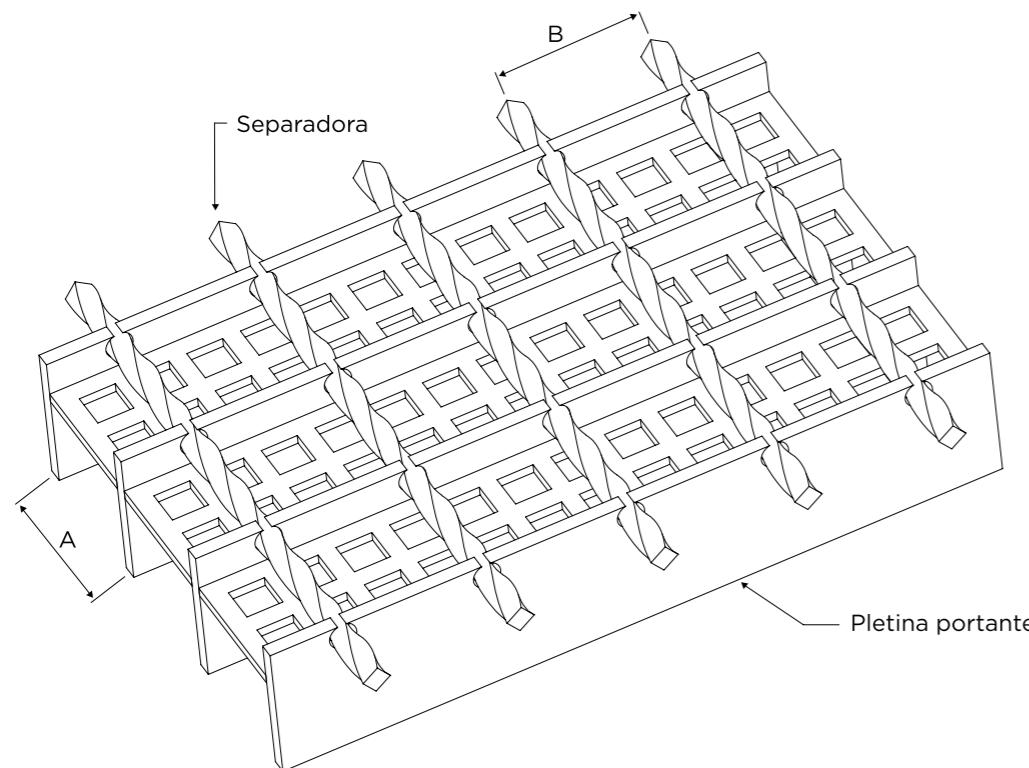
## ENTRAMADO RECASOLD PLETINA + VARILLA

ELECTRO-WELDED GRATINGS | CAILLEBOTIS ÉLECTROFORGÉS



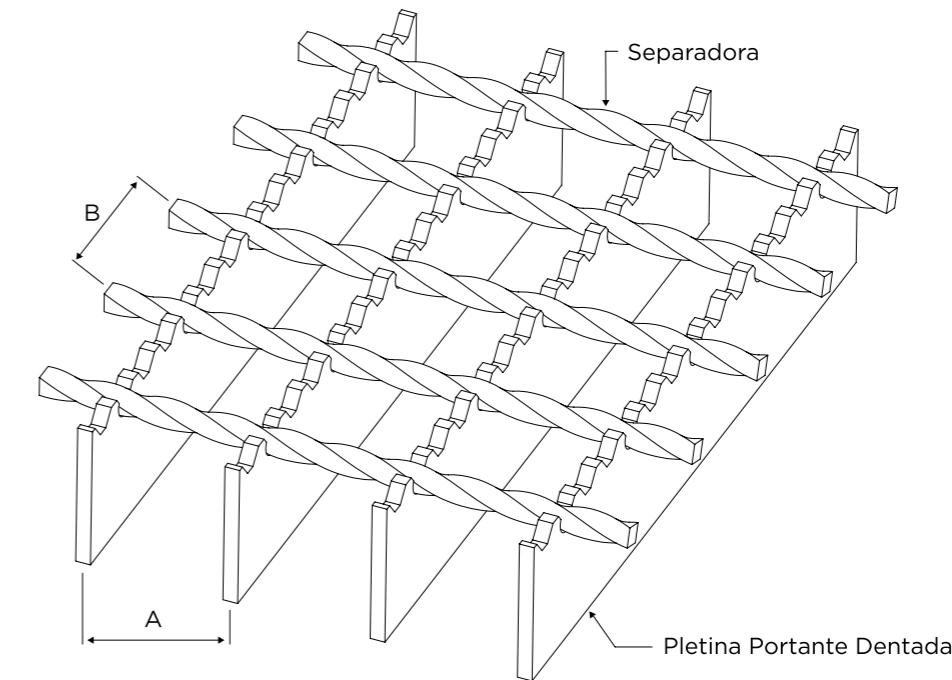
## ENTRAMADO RECASOLD PLETINA + VARILLA + MALLA SEGURIDAD

SECURITY MESH RECASOLD GRATINGS | CAILLEBOTIS RECASOLD AVEC MAILLE DE SECURITÉ.



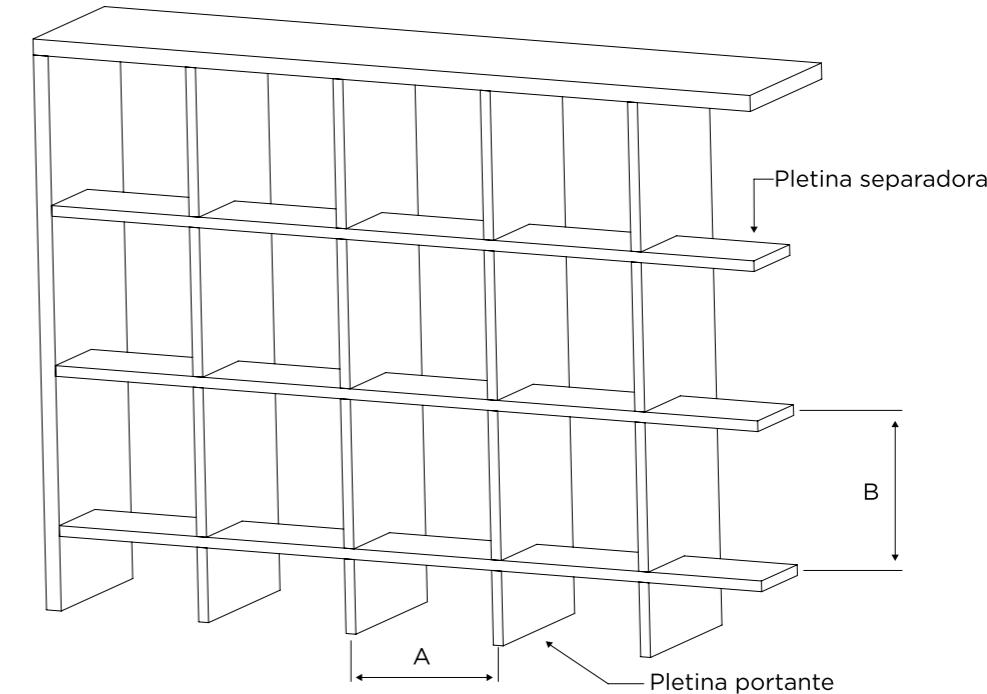
## ENTRAMADO RECASOLD PLETINA DENTADA + VARILLA

SERRATED RECASOLD GRATINGS | CAILLEBOTIS RECASOLD CRANTÉS



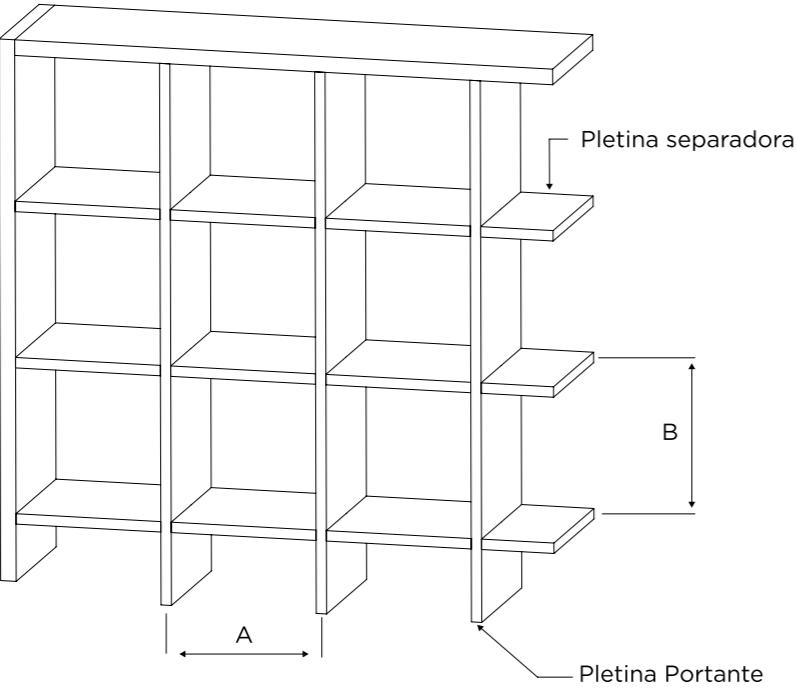
## ENTRAMADO RECA PLETINA + SEMI PLETINA

BEARING BAR + HALF FILLER BAR RECA GRATINGS | CAILLEBOTIS RECA PORTANTE + DEMI-BARRE



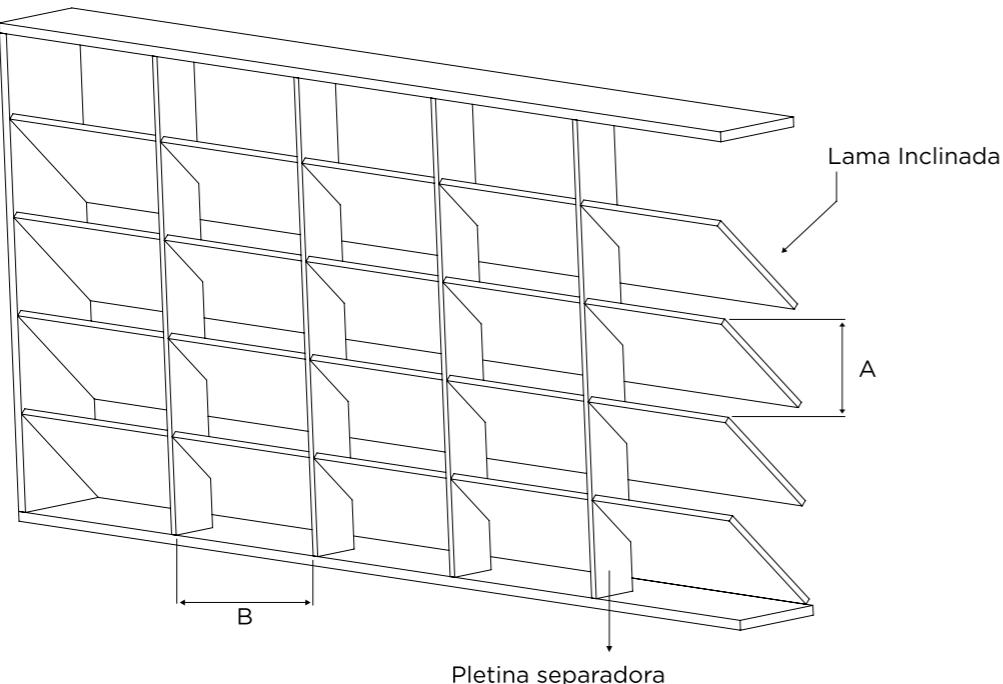
## ENTRAMADO RECA DOBLE PLETINA

FULL RECA GRATINGS | CAILLEBOTIS RECA DOUBLE BARRE



## ENTRAMADO RECA TIPO PERSIANA

RECA "LOUVRE" GRATINGS | CAILLEBOTIS RECA À LAMES INCLINÉES



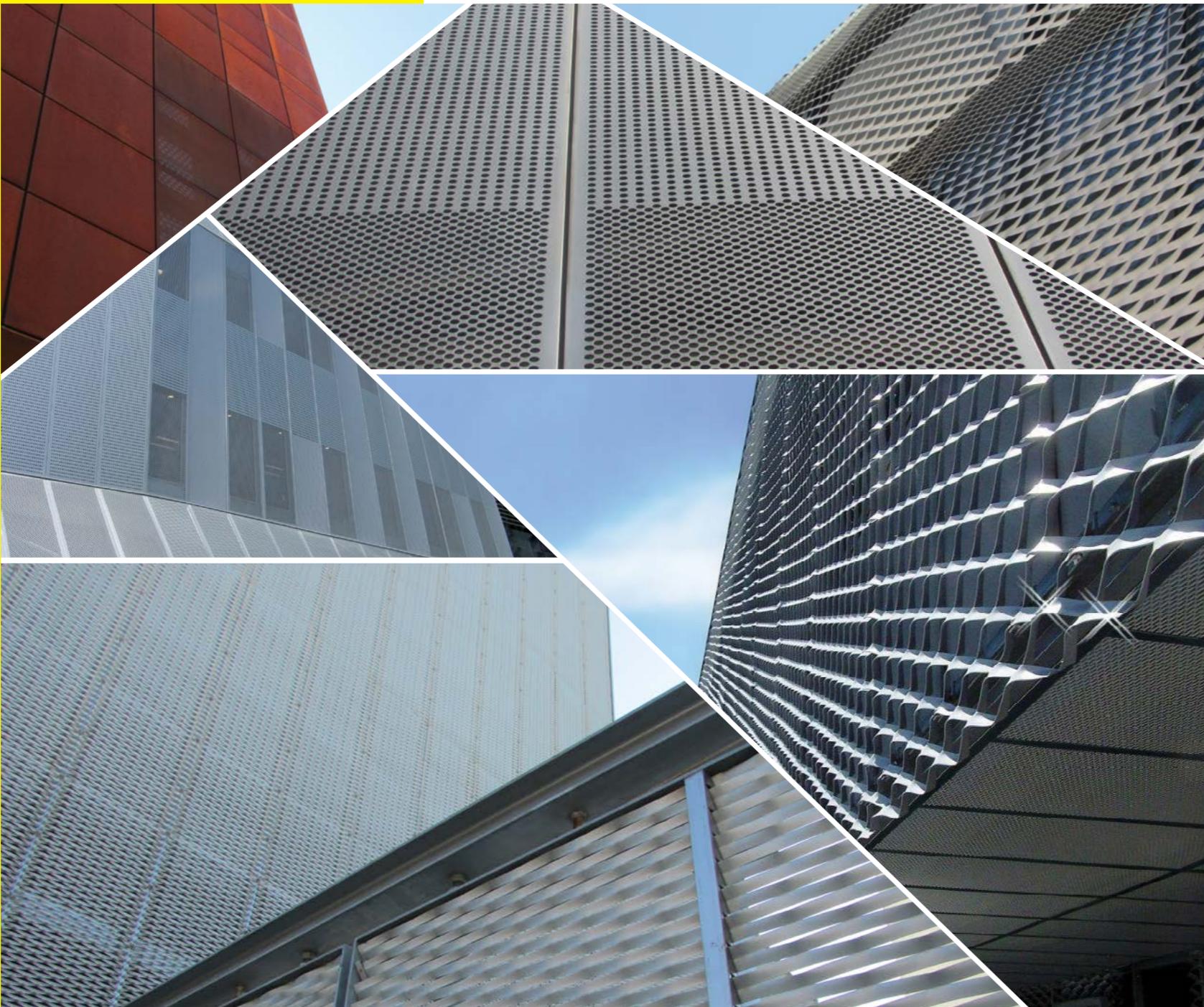
## TABLA DE CARGAS 30x30 | LOADING TABLE 30X30 | TABLEAU DES CHARGES 30X30

DISTANCIA ENTRE APOYOS	DIMENSIONES DE LAS PLETINAS PORTANTES EN mm.									BEARING BAR SIZE   DIMENSION PORTANTE	
		20x3	25x2	25x3	30x2	30x3	40x3	40x4	50x3	50x4	
500	$F_v$	2983	3110	4665	4478	6717	11942	15922	18659	24879	
	$F_p$	257	267	401	382	573	1002	1336	1542	2056	
600	$F_v$	2071	2160	3239	3110	4665	8293	11057	12958	17277	
	$F_p$	205	214	321	306	459	802	1069	1234	1645	
700	$F_v$	1522	1587	2380	2285	3427	6093	8124	9520	12693	
	$F_p$	171	178	267	255	382	668	891	1028	1371	
800	$F_v$	1165	1215	1822	1749	2624	4665	6220	7289	9718	
	$F_p$	147	153	229	218	328	573	764	881	1175	
900	$F_v$	921	960	1440	1382	2073	3686	4914	5759	7679	
	$F_p$	128	134	201	191	287	501	668	771	1028	
1000	$F_v$		777	1166	1120	1679	2985	3981	4665	6220	
	$F_p$		119	178	170	255	445	594	685	914	
1100	$F_v$		643	964	925	1388	2467	3290	3855	5140	
	$F_p$		107	160	153	229	401	535	617	822	
1200	$F_v$		540	810	777	1166	2073	2764	3239	4319	
	$F_p$		97	146	139	208	364	486	561	748	
1300	$F_v$		460	690	662	994	1767	2355	2760	3680	
	$F_p$		89	134	127	191	334	445	514	685	
1400	$F_v$		397	595	571	857	1523	2031	2380	3173	
	$F_p$		82	123	118	176	308	411	475	633	
1500	$F_v$		346	518	498	746	1327	1769	2073	2764	
	$F_p$		76	115	109	164	286	382	441	587	
1600	$F_v$		304	456	437	656	1166	1555	1822	2430	
	$F_p$		71	107	102	153	267	356	411	548	
1700	$F_v$		269	404	387	581	1033	1377	1614	2152	
	$F_p$		67	100	96	143	251	334	386	514	
1800	$F_v$		240	360	346	518	921	1229	1440	1920	
	$F_p$		63	94	90	135	236	314	363	484	
1900	$F_v$		215	323	310	465	827	1103	1292	1723	
	$F_p$		59	89	85	127	223	297	343	457	
2000	$F_v$		194	292	280	420	746	995	1166	1555	
	$F_p$		56	84	80	121	211	281	325	433	

**Fv:** Carga uniformemente repartida en kg/m<sup>2</sup>. Value of constant load in kg/m<sup>2</sup>. | Valeurs pour charge uniformément répartie en kg/m<sup>2</sup>.

**Fp:** Carga en kgs. concentrada sobre una superficie de 200x200 mm. Value of the load concentrated in kg. on a surface of 200x200 mm. | Valeurs pour charge concentrée pour un impact de 200x200 mm (en kg)

**Apto para paso de peatones.** Suitable for foot traffic | Apté pour passage de piétons



# BOOK DE APLICACIONES

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