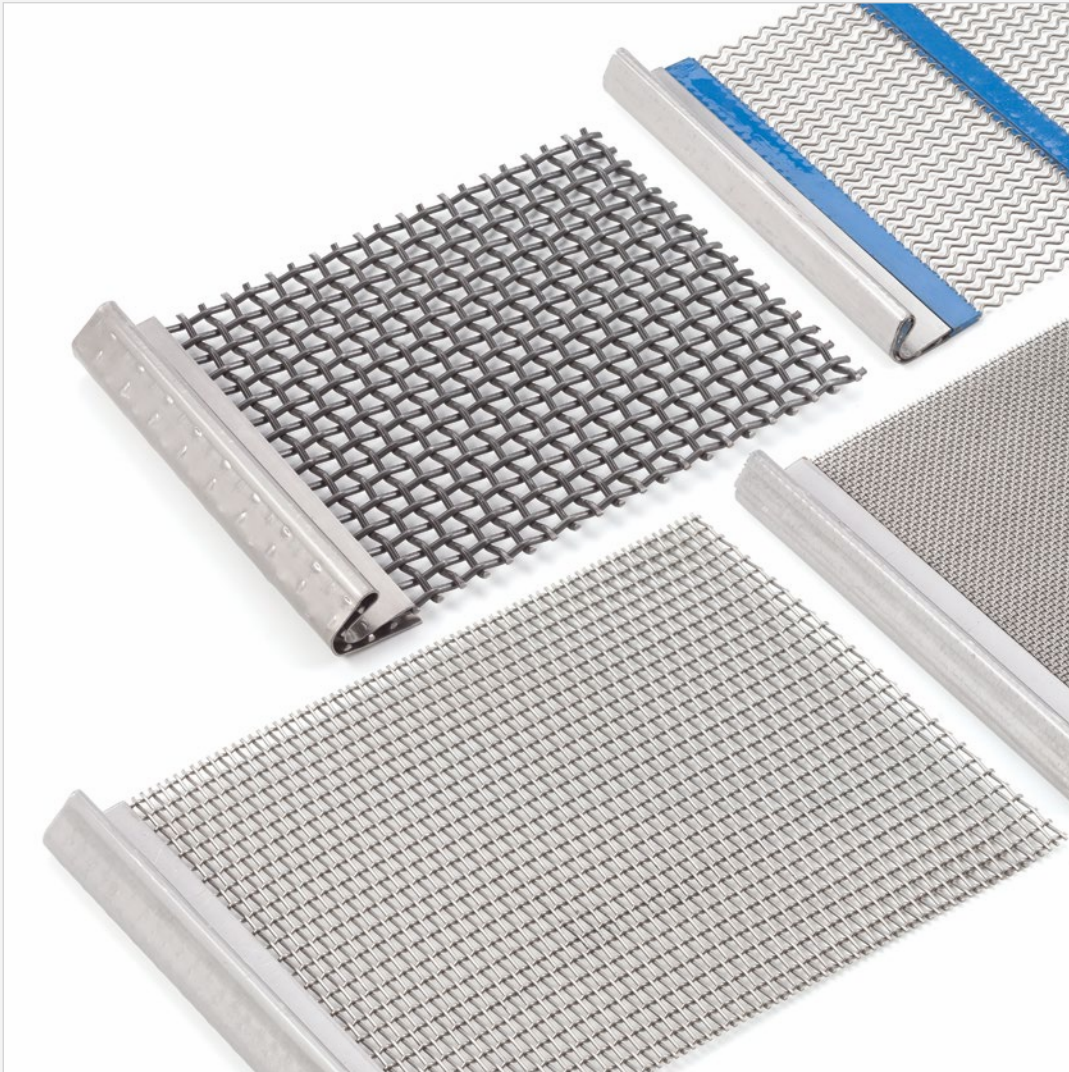




Wire Screens



www.productiva.net | Product Catalogue | Wire Screens | **BUILT TO LAST** - 111 Years of Productiva



PRODUCTIVA[®]
est. 1910



2



Table of Contents

111 years of Productiva	05
About us	06
Wire Screens - Basic Principals	09
Wire Mesh	10
Self-cleaning Screens	13
Fixing Systems	14
Rubber Screens	15
Perforated Plate Screens	17
Polyurethane Screens	18
Rollers	19
Piano Wire Screens	20
Accessories	21
Technical Advice	22





BUILT TO LAST

111 years of Produtiva



In the year in which it celebrates its one hundred and eleventh anniversary, Produtiva presents itself as a reference, in the national and international markets. A pioneer in its industry, it is the realization of an idea that, thanks to the effort and persistence that, even today, motivates a team of more than forty employees, led to the constitution of the first woven wire factory, in Portugal, in 1910.

Here, the keywords are Tradition, Experience, Innovation and Quality. The experience of more than a century allows a perfect combination of tradition and the know-how of employees, with the Innovation brought by new technologies. The result? A range of varied products of superior quality, which guarantee a leadership position and a path full of successes.

And what do these four factors have in common? Human commitment and dedication. In other words, human resources. Without a focused, hard-working and motivated team, Produtiva would not be where it is today. And that is why we want to take this opportunity to share with the world the value that our employees have for us. Follow us on this brief trip, which explains how an idea can become an international reference, if there is confidence, commitment and desire.

**Celebrating more than
a century with the best
clients in the world**

Tradition

Founded in 1910, Produtiva was the first woven wire cloths factory set up in Portugal. It has been leading the market for decades, and today it is a reference in the sector of woven wire cloths and screens for sieves.

Experience

On the basis of our success is the experience and quality in the processes, which allowed us to over time build trusting relationships in the various activity sectors with whom we usually collaborate.

Quality

During the more than 100 years of activity, quality was as a determining factor in the evolution of the company.

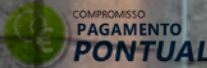
Innovation

We are continually adapting new technologies to market needs, having as main objective being able to present innovative solutions that meet the needs of our clients.



excelência 20

(SME EXCELLENCE AWARD)



(PROMPT PAYMENT COMMITMENT)



**More than
work is
passion.**

Wire screens - basic principals

1. OBJECTIVE - The basic principles here presented, reflect the required Technical Information necessary to assure and simplify the communication between producer and customer, by guarantying that the correct products is supplied.

2. STANDARDIZATION - These principles are guided by the World Federation of National Standardization Institutes, which was established in 1946 with head office in Genève - Switzerland. Presently with 164 countries as members, including UE + EFTA, this is the only Organization internationally recognized and globally respected due to its high technical level and patterns established concerning Standardization.

3. SPECIFICATION OF A SCREEN - The organized combination of these factors results in the specification of a wire screen.

Table 1

Factors	Elements	Symbol	Unit	Standard
Technical 1	1.1 Type of weave	a letter	-	ISO 4783-3
	1.2 Aperture - nominal	W	mm	ISO 2194
Material 2	2.1 Quality - High Carbon Steel - Stainless Steel	HC SS	mm mm	ISO 8458-2 ISO 16143-3
	2.2 Wire diameter	d	mm	ISO 4782
Dimensions 3	3.1 Height (size)	H	cm	
	3.2 Length (size)	L	m	
	3.3 Overlap	L + 0,04	m	
	3.4 Tensioning Types	H / Ho / Hi / Hm		ISO 14315

4. SHORT REFERENCE - It is recommended to use a short but complete specification as per table 1.

5. DEFINITIONS - Type of weave - it can be considered the most important element in the structure of a wire screen, because the type of weave indicates the combination of the following combined factors:

- a) The type of interlocking of the wires (It's symbolised by a letter, as per ISO 4783-3)
- b) The shape of weft and weave wires

6. TENSION OF INDUSTRIAL WIRE SCREEN - It's the tension of the screen surface (between wires)

7. MATERIAL - The wire of the screen must be made of: High Carbon Steel (HC) / Stainless Steel (SS) / Or other weavable metals

8. WIRE SCREEN PANELS

Can be manufactured:

Without Hooks: H

With Hooks:

Ho - Measures Outside Hooks

Hi - Measures Inside Hooks

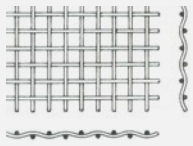
Hm - Inversed Hooks

9. TENSION HOOKS - Can be: Transversal Tension (Crosswise) | Longitudinal Tension (end tension)

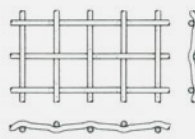
10. ENQUIRY / ORDER - SHORT SPECIFICATION:

As Per Table 1	Type of Weave	Aperture W (mm)	Grade	Material Quality	Size d- mm	Dimensions Height X Length (cm x m)	Hook Type	Overlap	Quantity
Example	E	W 12,5	1	HC	4	Ho. 135 X 1,46	N	With or Without	

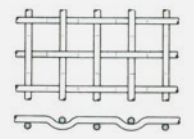
Wire Mesh



A TYPE
ISO 4783



D TYPE
ISO 4783



E TYPE
ISO 4783

APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	STEEL STAINLESS ISO 16143	WEIGHT Kg/m ²
1	0.63	38	✓		3.1
1.25	0.71	41	✓		3.3
	0.8	37		✓	4
1.6	0.8	44	✓	✓	3.4
	1	38		✓	4.9
2	1	44	✓	✓	4.1
2.5	1.25	44	✓	✓	5.3
	1.6	37	✓		7.9
3.15	1.6	44	✓	✓	6.8
3.55	2	41	✓		9.2
4	1.8	48		✓	7.1
	2	44	✓		8.5
4.5	2.24	45	✓		9.5
5	2	51		✓	7.3
	2.5	44	✓		10.6
5.6	3.15	38	✓		15.5
	2.5	48	✓		9.8
6.3	2	58	✓		6.1
	2.24	54		✓	7.5
6.3	2.8	48	✓		10.9
	3.15	44	✓		13.3
7.1	2	61	✓		5.6
	2.8	51	✓		10.1
8	3.15	48	✓		12.3
	2.5	58		✓	7.6
9	3.15	51	✓		11.3
	4	44	✓		16.9
10	3.15	55	✓		10.4
	3.15	58		✓	9.6
11.2	4	51	✓		14.5
	4	54	✓		13.4
12.5	2.5	69	✓		5.3
	4	57	✓		12.3
14	2.5	72	✓		4.8
	4	60	✓		11.3
16	2.5	75	✓		4.3
	4	64	✓		10.2
25	4	74	✓		7.0

- Sieving Efficiency
- Apertures precision
- Excellence in granulometric accuracy
- High Resistance



APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
18	5	61	✓	14.2
20	5	64	✓	13.1
22.4	5	67	✓	11.9
25	6.3	64	✓	16.6
28	6.3	67	✓	15.1
31.5	6.3	69	✓	13.7
31.5	8	67	✓	19.2
37.5	8	68	✓	18.4
40	8	69	✓	17.4
45	8	72	✓	15.8
50	8	74	✓	14.4
56	8	77	✓	13.1
63	8	79	✓	11.8
71	8	81	✓	10.6
80	10	79	✓	14.5
90	10	81	✓	13.1
100	10	83	✓	11.9

- Sieving Efficiency
- Apertures precision
- Excellence in granulometric accuracy
- Enhanced resistance



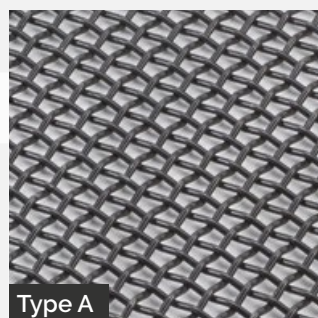
APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
12.5	5	51	✓	18.4
14	5	54	✓	16.7
16	5	58	✓	15.1
18	6.3	55	✓	20.7
20	6.3	58	✓	19.2
22.4	6.3	61	✓	17.6
25	8	57	✓	24.6
26.5	8	59	✓	23.2
28	8	60	✓	22.6
31.5	8	64	✓	20.6
35.5	8	67	✓	18.7
40	8	69	✓	16.9
	10	64	✓	25.4
45	8	72	✓	15.3
	10	67	✓	23.1
50	10	69	✓	21.2
56	10	72	✓	19.2
63	10	74	✓	17.4
71	12.5	70	✓	26.3
	10	77	✓	15.7
80	12.5	72	✓	23.8
	10	79	✓	14.1
90	12.5	75	✓	21.5
	12.5	77	✓	19.4
100	12.5	79	✓	17.6

- Flat work surface
- Improved precision in larger apertures
- Granulometric accuracy
- Incremented life time

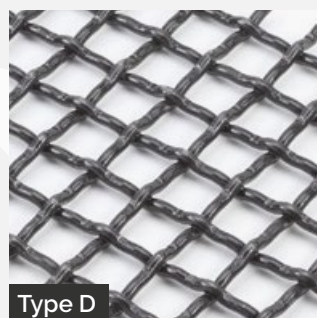


SOME WIRE SCREENS TYPES

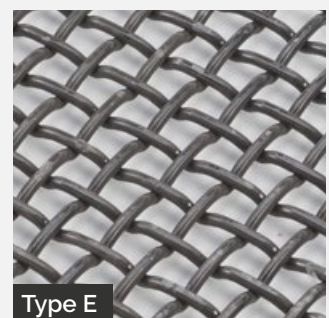
Possibility to produce other combinations of "W" and "d" by special request.



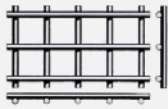
Type A



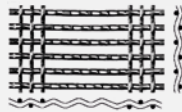
Type D



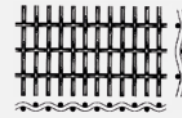
Type E



F TYPE
ISO 4783



H TYPE
DIN 4185/3



R TYPE
DIN 4583/3

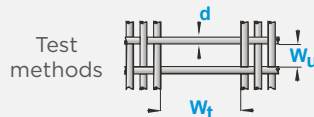
APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
106	12	81	✓	15.2
112	12	82	✓	14.5
125	12	83	✓	13.1
140	16	81	✓	20.4
160	16	83	✓	18.1
180	16	84	✓	16.3
200	16	86	✓	14.8
250	12	91	✓	6.8
360	12	94	✓	4.8
400	12	94	✓	4.4

- Improved precision in larger apertures
- Granulometric accuracy
- Incremented life time
- Recommended for larger weaves and thicker wires
- Welded wires

APERTURE Wt x Wu mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
48 x 16	1	58	✓	2.9
50 x 2	1.25	58	✓	3.8
60 x 2.5	1.6	57	✓	4.9
60 x 3.15	1.6	62	✓	4.4
77 x 4	2	62	✓	5.4
80 x 5	2.5	62	✓	6.9
97 x 6.3	2.8	64	✓	7.2
107 x 71	2.8	67	✓	6.7
118 x 8	3.15	67	✓	7.5
125 x 10	4	66	✓	10

- Anti-clogging products with great plasticity
- Maximization of cubic products sieving
- Dual-use: flow and against flow
- Larger open area
- Production Increase
- Sieving of moist products
- Cleaning of lamellar or agglomerated products
- Fines removal

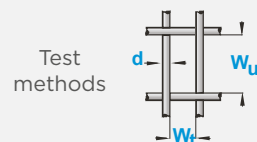
We can also produce in stainless steel



APERTURE Wt x Wu mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
16 x 4.5	1	50	✓	3.6
2 x 6	1	57	✓	3.0
25 x 75	1.25	57	✓	3.8
315 x 10	1.6	57	✓	4.8
4 x 12	2	57	✓	6.0
5 x 15	2.5	57	✓	7.6
6.8 x 19	2.8	62	✓	7.7
71 x 224	2.8	64	✓	7.2
8 x 24	3.15	63	✓	8.2
10 x 30	4	63	✓	10.6
12.5 x 40	4	69	✓	8.7
14 x 40	4	71	✓	8.2
16 x 50	4	74	✓	7.2
18 x 55	5	72	✓	9.8
20 x 60	6.3	69	✓	13.8
20 x 100	8	66	✓	18.8
224 x 71	6.3	72	✓	12.4
224 x 120	8	69	✓	17.0
25 x 50	6.3	71	✓	12.9
25 x 120	8	71	✓	16.0
28 x 120	8	73	✓	14.9
315 x 120	8	75	✓	13.9

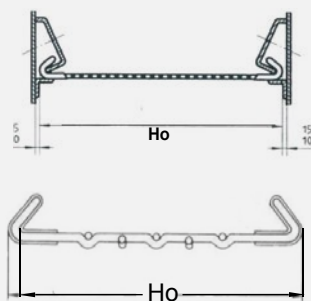
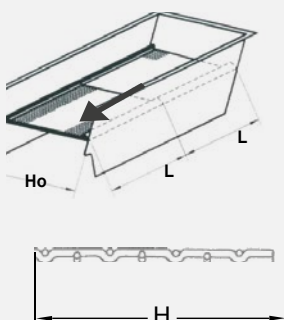
- Maximization of cubic products sieving
- Dual-use: flow and against flow
- Larger open area
- Production Increase
- Sieving of moist products
- Cleaning of lamellar or agglomerated products
- Fines removal

We can also produce in stainless steel

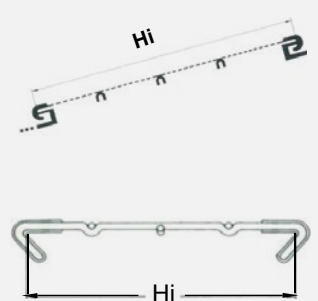
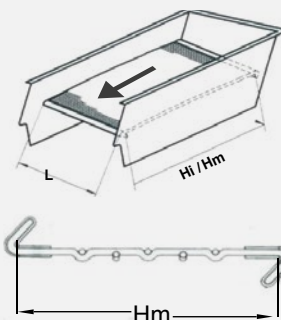


Tensioning Systems

SIDE

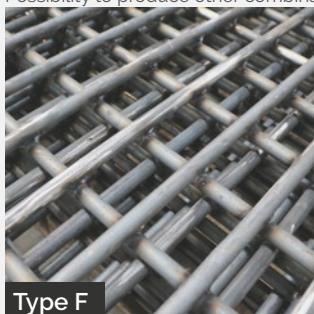


END

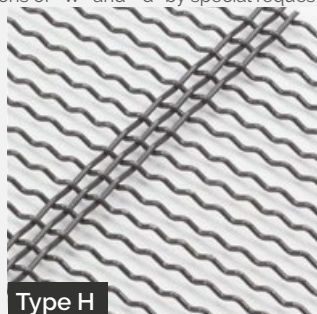


SOME WIRE SCREENS TYPES

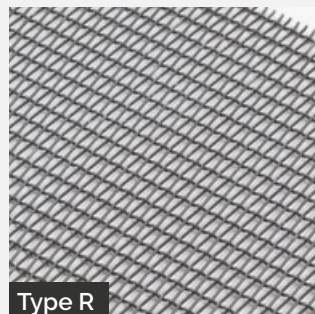
Possibility to produce other combinations of "W" and "d" by special request.



Type F



Type H



Type R

Wire screen Panels can be manufactured:

Without Hooks: H

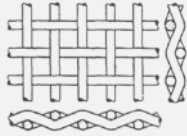
With Hooks:

Ho - Measures Outside Hooks

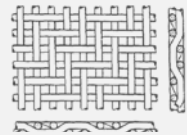
Hi - Measures Inside Hooks

Hm - Inverted Hooks

APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	WEIGHT Kg/m ²	STAINLESS STEEL ISO 16143	GALVA- NIZED STEEL ISO 16120-3
32	0.028	28	0.17	✓	
40	0.032	31	0.18	✓	
50	0.036	34	0.19	✓	
63	0.045	34	0.24	✓	
80	0.05	38	0.24	✓	
100	0.063	38	0.31	✓	
125	0.08	37	0.40	✓	
160	0.1	38	0.49	✓	
200	0.125	38	0.61	✓	
250	0.215	41	0.64	✓	
315	0.16	44	0.69	✓	
400	0.2	48	0.71	✓	
500	0.25	48	0.88	✓	
630	0.25	51	0.90		✓
	0.315	51	0.90	✓	
800	0.28	55	0.92		✓
	0.315	55	0.92	✓	
1	0.315	58	0.96		✓
	0.4	51	1.45	✓	
1.12	0.4	54	1.31	✓	
1.25	0.355	61	1.00		✓
	0.4	57	1.23	✓	
1.4	0.25	72	0.48	✓	✓
	0.5	54	1.68	✓	
	0.4	64	1.02		✓
1.6	0.5	58	1.51	✓	
	0.8	44	3.40	✓	
1.8	0.5	61	1.38	✓	
	0.45	67	1.06		✓
2	0.63	58	1.92	✓	
	1	44	4.20	✓	
2.24	0.63	61	1.76	✓	
	0.5	69	1.06		✓
2.5	0.71	61	1.99	✓	
	1.25	44	5.30	✓	
2.8	0.71	64	1.82	✓	
	0.56	72	1.07		✓
3.15	0.8	64	2.05	✓	
	1.6	44	6.80	✓	
3.55	0.8	67	2.31	✓	
	0.63	75	1.00		✓
4	1	64	2.54	✓	
	1.8	48	7.10	✓	
4.5	1	67	2.31	✓	
	0.71	77	1.12		✓
5	1.12	67	2.62	✓	
	2	51	7.30	✓	
5.6	1.12	69	2.37	✓	
	0.8	79	1.14		✓
6.3	1.25	70	2.65	✓	
	2.24	54	7.50	✓	
7.1	1.25	72	2.38	✓	
	1	79	1.41		✓
8	1.25	75	2.15	✓	
	2.5	58	7.60	✓	
	1.25	75	1.77		✓
10	1.6	74	2.82	✓	
	3.15	58	9.60	✓	



A TYPE
ISO 4783



S TYPE
ISO 4783



Test
methods

Aperture (W)
ISO 2194-1991

Dimensions

Iqual or greadther than 1 mm - expressed in mm
Less than 1 mm - expressed in microns (mic)

Wire Diam. (d)

ISO 4782
Based ISO 3

OBS:

The value of W, for apertures/inches, it's indicative.

To exactly calculate the value of the apertures (W), use the following formulas:

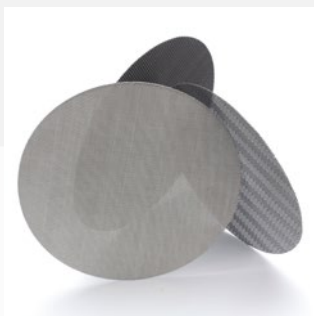
IMPERIAL INCH = 25.4 mm

$$W = \frac{25.4}{\text{MESH}} - d$$

FRENCH INCH = 27.78 mm

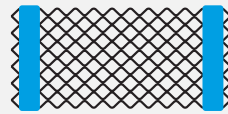
$$W = \frac{27.78}{\text{NR}} - d$$

SOME WOVEN WIRE CLOTHS AND FILTERS IMAGES

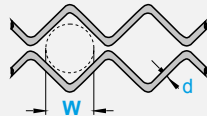


Self-cleaning Screens

APERTURE W mm	WIRE DIAM. d mm	OPEN AREA %	HIGH CARBON STEEL ISO 8458	WEIGHT Kg/m ²
2	1	44	✓	4.5
2.5	1.25	44	✓	5.3
3.15	1.4	48	✓	5.5
4	1.8	48	✓	7.2
4.5	1.4	58	✓	4.25
5	2	51	✓	7.3
6.3	2.24	54	✓	7.4
7.1	2.24	58	✓	6.7
8	2.5	58	✓	7.6
9	2.5	66	✓	10
10	2.8	61	✓	7.9
11.2	2.8	64	✓	7.5
12.5	2.8	67	✓	6.5
14	3.15	67	✓	7.6
16	3.15	70	✓	6.6
18	4	67	✓	9.2
20	4	69	✓	8.5
22.4	4	72	✓	7.7
25	5	69	✓	10.6
28	6	68	✓	13.5
31.5	6	71	✓	12.2
40	6	76	✓	9.9
45	6	78	✓	9.0

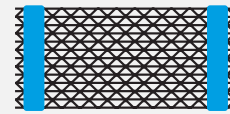


Q TYPE
DIN 4185/3

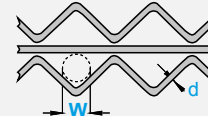


Test
methods

- Flat surface
- Excellent level of production and duration
- Accuracy in Product Classification



D TYPE
DIN 4185/3

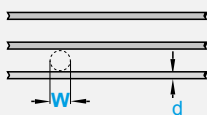


Test
methods

- Flat surface
- Recommended for clogging products
- Extraordinary classification precision
- Recommended for heavy or large materials



L TYPE
DIN 4185/3

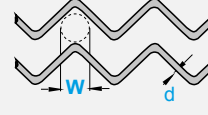


Test
methods

- Flat surface
- Recommended for clogging products
- Excellent production level



Z TYPE
DIN 4185/3

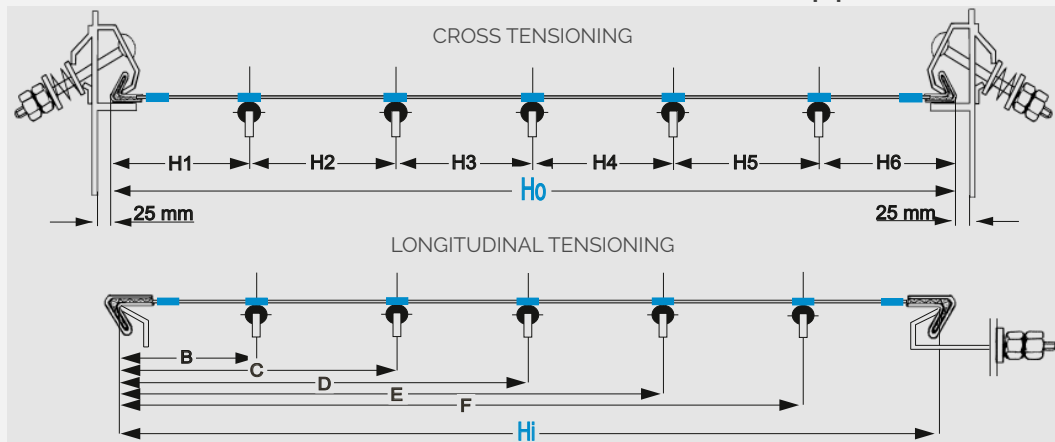


Test
methods

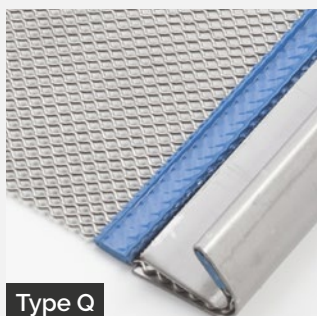
- Flat surface
- Recommended for small or sticky products
- Large percentage of open area

We can also produce in stainless steel

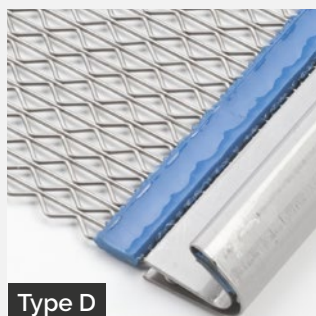
Distances between centers of the screen supports



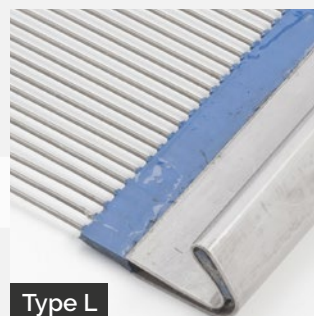
SOME SELF-CLEANING SCREENS IMAGES



Type Q



Type D

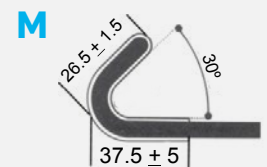
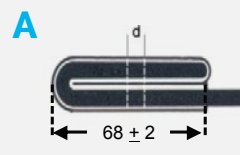
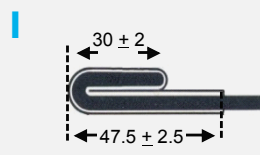
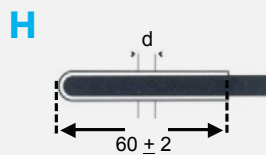
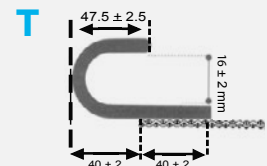
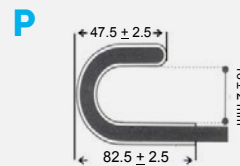
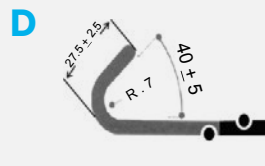
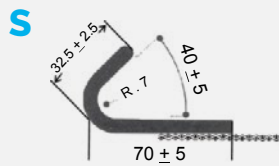
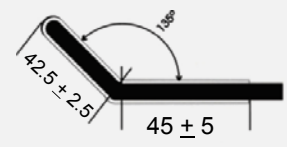
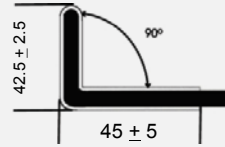
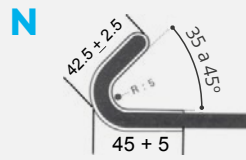
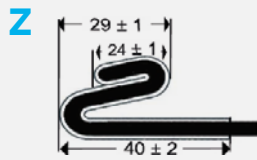


Type L

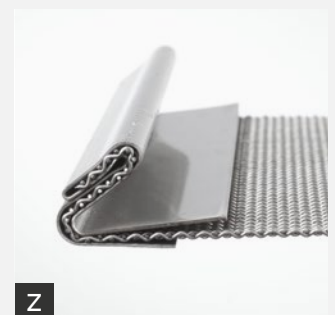
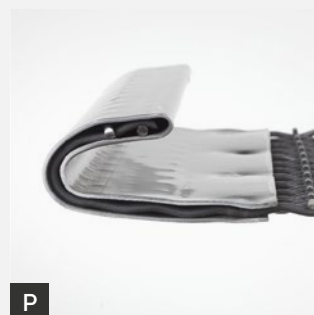
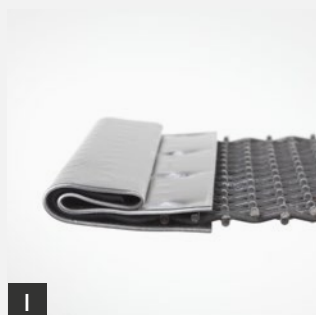
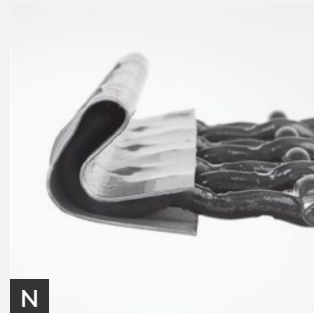


Type Z

Fixing Systems



SOME TYPES OF HOOK



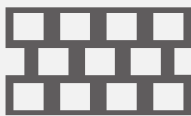


Rubber Screens



C - U
TYPE
ISO 7806

APERTURE W mm	PITCH mm	THICKNESS mm	OPEN AREA %
35	53	20	44
38	55	20	47
40	58	20	48
42	62	20	46
45	65	20	48
48	68	20	50
50	70	25	51
55	77	25	51
60	85	25	50
65	90	30	52
70	100	30	49
75	105	35	51
80	110	35	53
85	120	35	51
90	130	40	48
95	135	40	50
100	140	50	51
110	160	50	47
120	170	60	50
130	190	60	47
140	200	60	49
150	225	60	44
170	245	60	48
180	260	60	48
200	290	60	48



C - Z
TYPE
ISO 7806

APERTURE W mm	PITCH mm	THICKNESS mm	OPEN AREA %
5	9	6	31
6	11	6	30
7	12	6	34
8	14	8	33
10	16	8	39
12	18	10	44
15	23	10	43
18	30	12	36
20	32	12	39
22	35	12	40
25	40	15	39
28	43	15	42
30	45	15	44
32	50	15	41



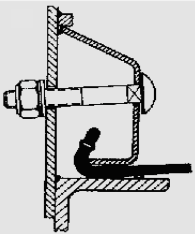
R - T
TYPE
ISO 7806

APERTURE W mm	PITCH mm	THICKNESS mm	OPEN AREA %
8	12	8	40
10	17	8	31
12	18	10	40
15	23	10	40
18	28	12	37
20	31	12	38
22	34	12	38
25	37	15	41
30	42	15	46
35	49	20	46
38	53	20	47
40	55	20	48
45	60	20	51
50	68	25	49
55	74	25	50
60	80	25	51
62	85	25	48
65	90	30	47
68	95	30	46
70	100	30	44
75	105	35	46
80	112	35	46
85	120	35	46
90	125	40	47
95	130	40	48
100	135	50	50
110	160	50	43
120	162	60	50
130	175	60	50
140	188	60	50
150	200	60	51

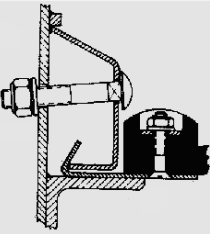
Larger apertures by inquiry

Tensioning Methods

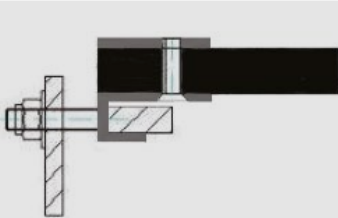
TYPE K



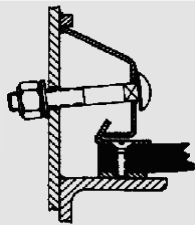
TYPE N

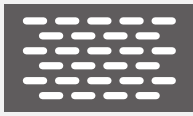


TYPE P



TYPE R

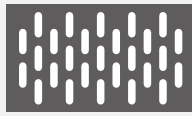




LR - T

TYPE
ISO 7806

APERTURE W mm	PITCH mm	THICKNESS mm	OPEN AREA %
2x25	7x30	6	24,0%
3x25	8x30	6	31,6%
4x25	9x31	6	36,2%
5x25	10x31	6	40,8%
6x25	11x32	6	43,1%
7x30	13x42	6	39,2%
9x13	15x19,3	6	40,9%
12x20	18x29,8	10	45,5%
15x28	23x40	10	46,6%
15x45	25x60	10	46,1%
20x30	33x45	12	41,5%
20x40	33x53	12	46,9%
20x50	33x65	12	47,9%
25x40	40x58	15	44,5%
25x60	40x85	15	45,9%
25x70	40x100	15	45,7%
30x75	45,5x105	15	49,3%
30x90	45,5x130	15	48,2%
33x70	52x100	20	46,6%
38x72	56x102	20	50,2%
40x60	59x90	20	47,4%
70x100	100x140	30	53,6%
45x60	65x90	20	48,5%
100x150	140x225	50	53,2%
120x150	170x225	60	53,1%



LR - P

TYPE
ISO 7806

APERTURE W mm	PITCH mm	THICKNESS mm	OPEN AREA %
2x25	7x30	6	24,0%
3x25	8x30	6	31,6%
4x25	9x31	6	36,2%
5x25	10x31	6	40,8%
6x25	11x32	6	43,1%
7x30	13x42	6	39,2%
9x13	15x19,3	6	40,9%
12x20	18x29,8	10	45,5%
15x28	23x40	10	46,6%
15x45	25x60	10	46,1%
20x30	33x45	12	41,5%
20x40	33x53	12	46,9%
20x50	33x65	12	47,9%
25x40	40x58	15	44,5%
25x60	40x85	15	45,9%
25x70	40x100	15	45,7%
30x75	45,5x105	15	49,3%
30x90	45,5x130	15	48,2%
33x70	52x100	20	46,6%
38x72	56x102	20	50,2%
40x60	59x90	20	47,4%
70x100	100x140	30	53,6%
45x60	65x90	20	48,5%
100x150	140x225	50	53,2%
120x150	170x225	60	53,1%

Usage

Rubber screens are particularly suitable for:

- Noise Reduction
- Use with wet or dry materials
- Thick and/or heavy materials
- Pre-screeners

Characteristics

Anti-abrasive rubber

- Hardness: 65°/85° Shore "A"
- Inner Fabric in polyester EP-160
- Possibility of assembly with tensioning hooks or internal metal structure

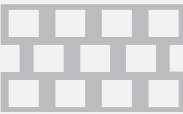
SOME RUBBER SCREENS IMAGES



Perforated Plate Screens



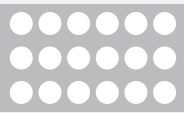
C - U
TYPE
ISO 7806



C - Z
TYPE
ISO 7806



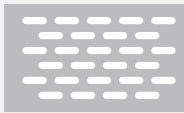
CD - M
TYPE
ISO 7806



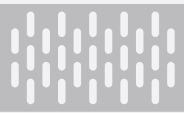
R - U
TYPE
ISO 7806



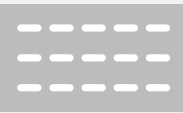
R - T
TYPE
ISO 7806



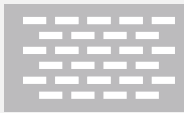
LR - Z
TYPE
ISO 7806



LR - P
TYPE
ISO 7806



LR - U
TYPE
ISO 7806



LC - Z
TYPE
ISO 7806



LC - U
TYPE
ISO 7806



H - T
TYPE
ISO 7806

Usage

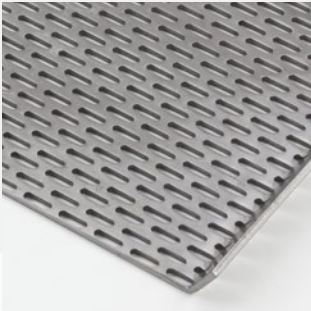
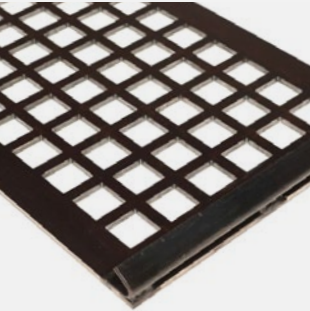
- Perforated Plate screens are particularly suitable for:
- Assembly at pre-screensers due to its resistance to impact
 - Materials with a high degree of abrasiveness
 - Large and/or heavy materials
 - Use at Trommel and Watermills

Characteristics

- Steel ST37/S235JR
- Hardox 450
- Assembly with tensioning hooks
- Bended for use in watermills
- Curved for use in Trommel

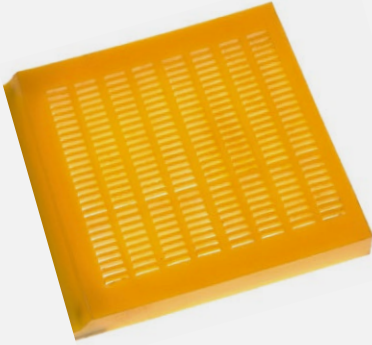
Quality	Ref. ^a	Hardness HB	Resistance N/mm ²	Performance	
				Wear	Impact
Mild steel S235JR	AM	100 - 140	340 - 470	High	Weak
Hard steel	AD	220 - 270	750 - 910	Medium	Medium
Wear resistant steel	AR	425 - 475	1150 - 1350	Weak	High

SOME PERFORATED PLATE SCREENS IMAGES



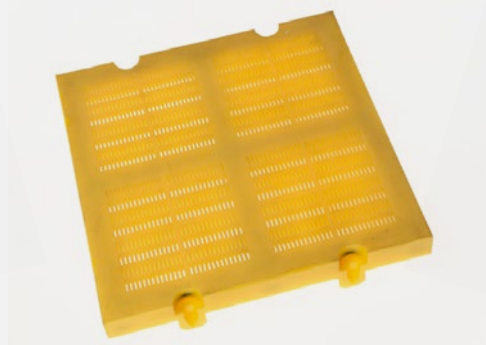
Polyurethane Screens

SLOTTED



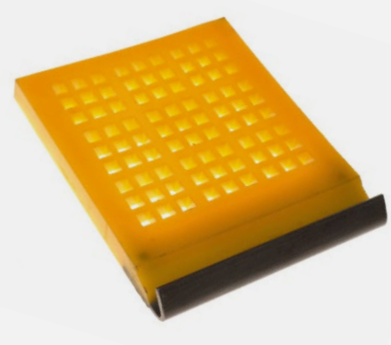
- Smooth surface
- Assembly - frames
- Recommended for the screening of small and medium sized products

MODULES



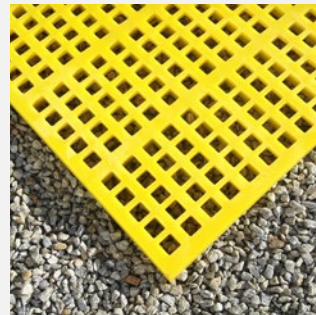
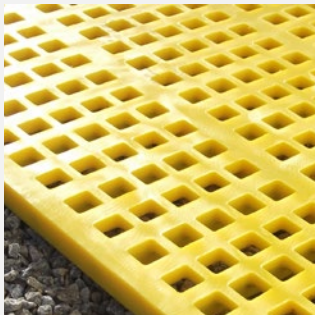
- Smooth surface
- Assembly - modules
- Recommended for the screening of small and medium sized products

TENSIONED



- Smooth surface
- Assembly with tensioning hooks
- Recommended for the screening of large size products

SOME POLYURETHANE SCREENS IMAGES



Rollers

PLAIN ROLLERS



IMPACT ROLLERS



CLEANING - STRAIGHT



CLEANING - SPIRAL

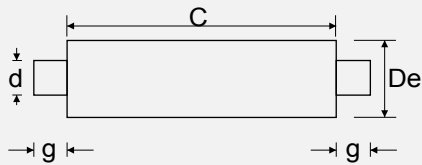


- Reduced energy consumption
- Radial labyrinth structure, with angles prevent incoming of particles and fluids, and tend to keep them out
- Greater adherence to the conveyor belt
- Lower maintenance costs
- Easy replacement, handling and storage

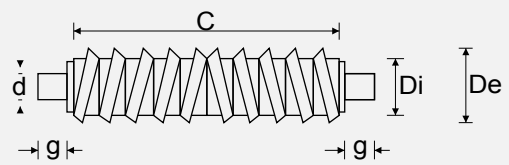
Available Diameters 63 mm / 75 mm / 89 mm / 108 mm / 133 mm / 159 mm / Others on request

Rollers Types

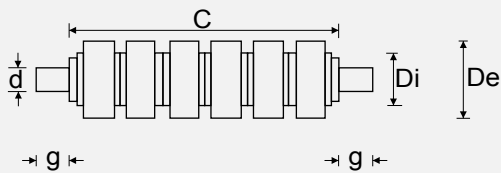
PLAIN (LS)



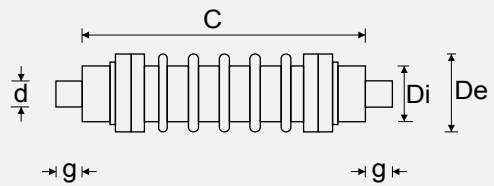
CLEANING - SPIRAL (LH)



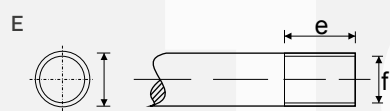
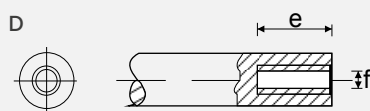
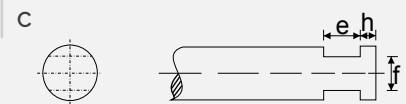
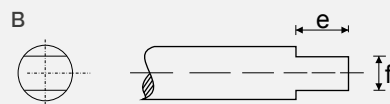
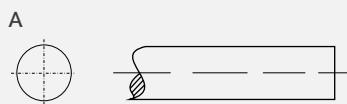
IMPACT (AM)



CLEANING - STRAIGHT (LR)



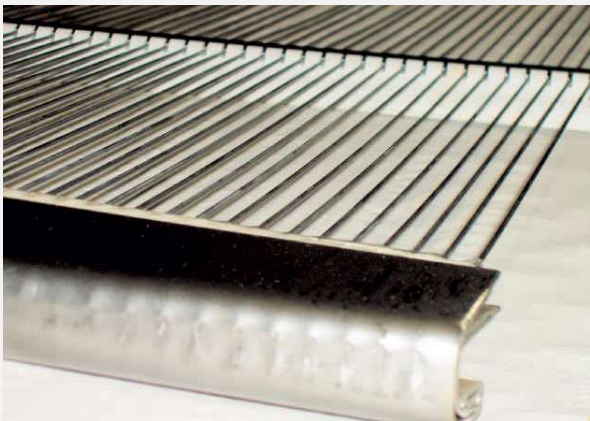
Shaft Options



F (others)



Piano Wire Screens



■ Characteristics

- APPLICATION FOR MOBILE SCREENS
- HIGH PRODUCTIONS
- ELIMINATE CLOGGING PROBLEMS

APERTURE		WIRE DIAMETER					
W (mm)	0.8	1	1.25	1.6	2	3.15	
2	●						
3.15		●			●		
4		●			●		
5		●			●		
6.3			●		●		
8				●	●		
10				●	●		
12.5					●		
14						●	
16						●	
18						●	
20						●	

STEEL PIANO WIRE AND STAINLESS STEEL – EN-10088 – NR 14301 (AISI 304).
Other combinations Aperture/Wire upon request

Accessories

Tension Plates

LENGTH - mm
1250
1500
1525



Other dimensions on request

Bolts

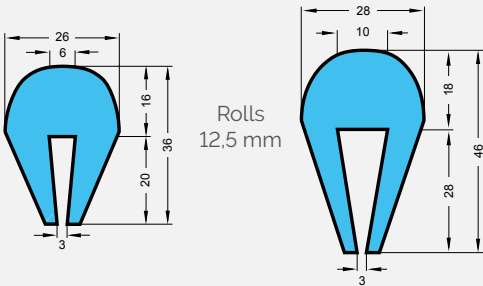
L	100	120	130	140
d 16	●	●		●
18		●	●	■
20	●	●		



● ROUNDED HEAD BOLT

■ HAMMER HEAD BOLT

Rubber Screen Protection



Rolls
12,5 mm



Spray Nozzle



Ø - 4 / 5 / 7 / 9

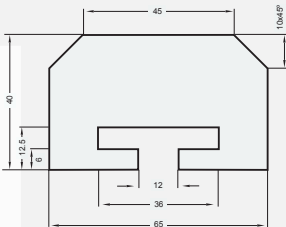
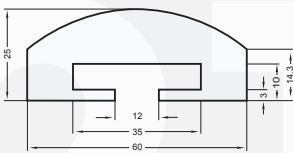
Conv. Belts / Accessories



Springs



Rubber Screens - Fixing Bars



Technical Advice

■ Instalations instructions

Before fitting a new screen, carefully check:

- / If the support bars and protective covering are not worn, twilled or brittle;
- / If the tensioning bolts are in good condition;
- / Make sure that the screencloth edge is not jammed against tensioning plate or bottom plate and can move easily when tension is applied



- / Tension each side evenly throughout, to such an extent that lies on all support members and is not lifted from the machine by the vibration;
- / Avoid overtensioning;
- / Run screens empty for short period and recheck for loose bolts, uneven tensioning and setting in of the screencloth;
- / Check newly installed screencloths after 8 hours. If necessary retension in order to be sure that it firmly lies on all support during operation;
- / Screens without hooks must be attached to the support points, of in such way that they are don't vibration.

FOR MORE INFORMATION PLEASE CONTACT OUR TECHNICAL ADVISOR

■ How to increase the screencloth's life

- / Check the sieve deck regularly for wear and tear;
- / Check regularly and retension in time to prevent wire breakage. This only occurs by inefficient tensioning;
- / Small damaged areas must be repaired immediately by tying on pieces of mesh, etc;
- / Screencloth's, made of tensile spring steel wire must not be welded;
- / After a normal wear in certain parts of the screencloth section, turn it, or replace to extending wear life;
- / When screening moist and difficult products, it is advisable to regularly clean the meshes from the clogging material.
- / This operation increases throughput;
- / Avoid fall of large size products (to be eliminated by using pre-screening screen);
- / Feed material along full width of screening;
- / Reduce drop height of the material onto screen to a minimum, easing feed as close as possible to screencloth.

DO NOT WAIT UNTIL WIRES BREAKUP. THIS MAY CAUSE TOTAL SHUTDOWN OF THE FACILITY. REPLACE WORN SIEVES



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23



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