

Mining Screen Catalogue

Hebei Jizhuang Technology Co., Ltd.



JIZHUANG

冀壮科技

MINING SCREEN WITH HOOK

- High durability
- High precision
- High impact resistance
- High abrasion resistance

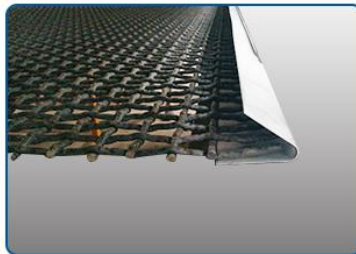
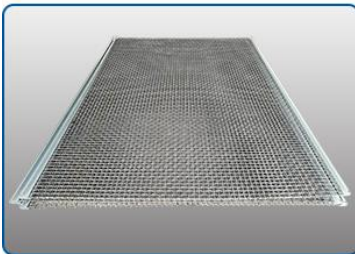
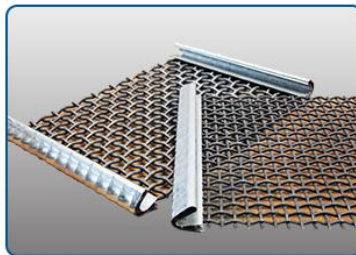
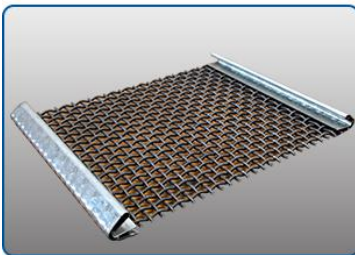
More



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QUALITY BACKBONE, EXTRAORDINARY ACHIEVEMENTS



Product Center

Double Crimp Screen

Flat Top Screen

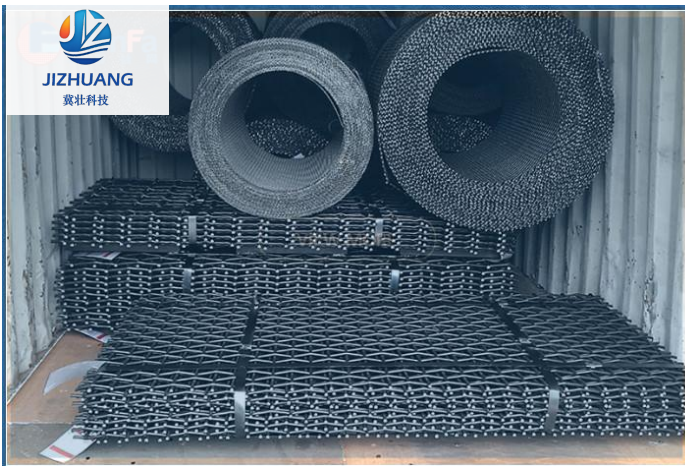
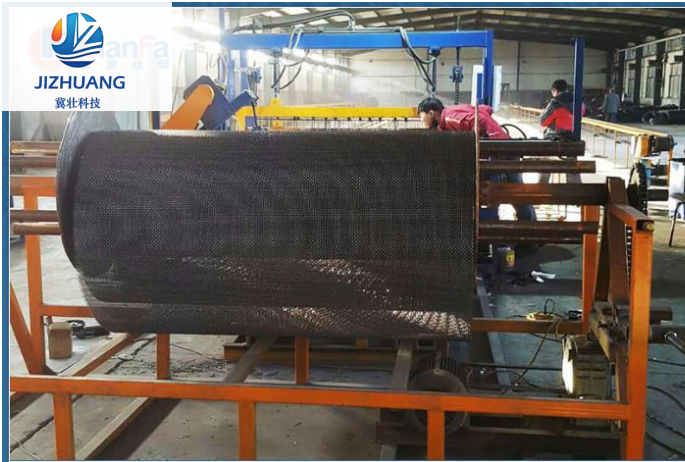
Lock Crimp Screen

Rectangular Screen

Slot Screen

Self-Clean Mesh

Polyurethane Screen Mesh

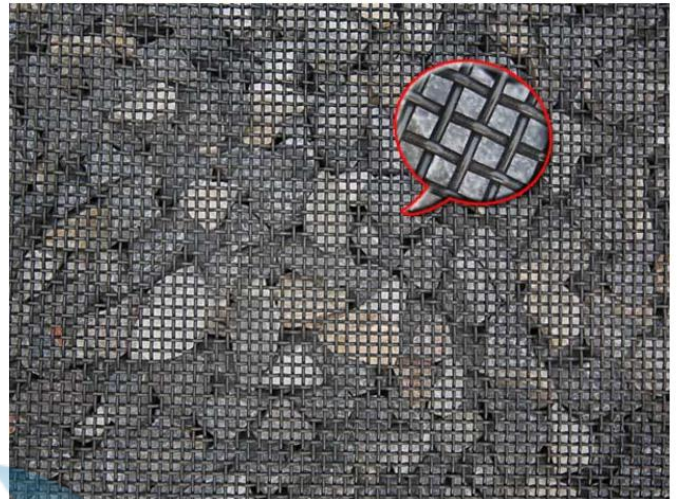
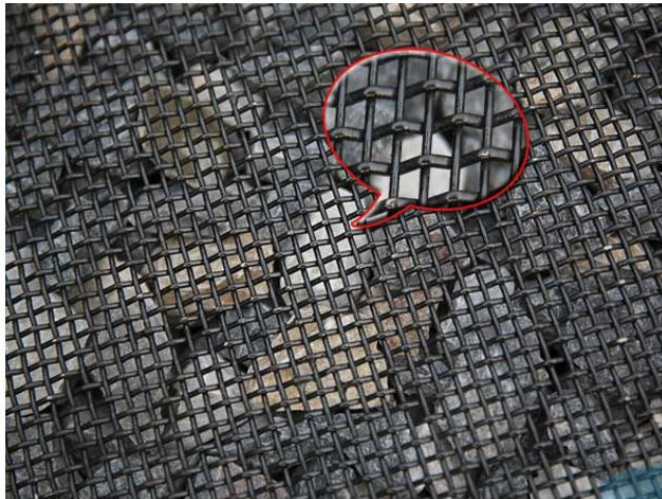


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PRODUCT CENTER

Double Crimp Screen

Double Crimp Screen

Double Crimp Screens are produced by weaving previously crimped wires into one another. The mesh width and wire diameter determine the number of crimps within a mesh width.



Description

Double Crimp Screens are produced by weaving previously crimped wires into one another. The mesh width and wire diameter determine the number of crimps within a mesh width. In some cases it is possible to produce grids with identical mesh width and differing numbers of crimps. The number of crimps set by us guarantees the highest possible mesh stability.

Material: highly abrasion-resistant spring steel or stainless spring steel.

Opening size: 2.0 - 80.0 mm

Wire diameter: 0.8 - 8 mm

Supplied dimensions: as required by customer, in rolls or formats.

Installation instructions:

The screen is installed with using of tensioning metallic bars into a separator over different types of hook strips, further with using of side bars and wedges, possibly is fastened into a frame.

Features

1. Varied lengths
2. Require less maintenance
3. Sturdy construction

Application

The **Double Crimp Screen** can be used in the following fields as:

- Safety grids (e.g. car industry, mechanical engineering, building industry)
- Filling elements for gates and fences in buildings and gardens
- Booth construction
- Plant breeding
- Pigeon barriers
- Noise protection

Flat Top Screen

Flat Top Screen

Mainly used as screen mesh, it is widely used in many industries, such as mining screen, quarrying screen, the screen deck, screen wire for stone crusher, Classifying Trommel;

Description

Flat Top Screen Material: black wire, spring steel wire, manganese steel wire and stainless steel wire.

Surface treatment: galvanized or painted.

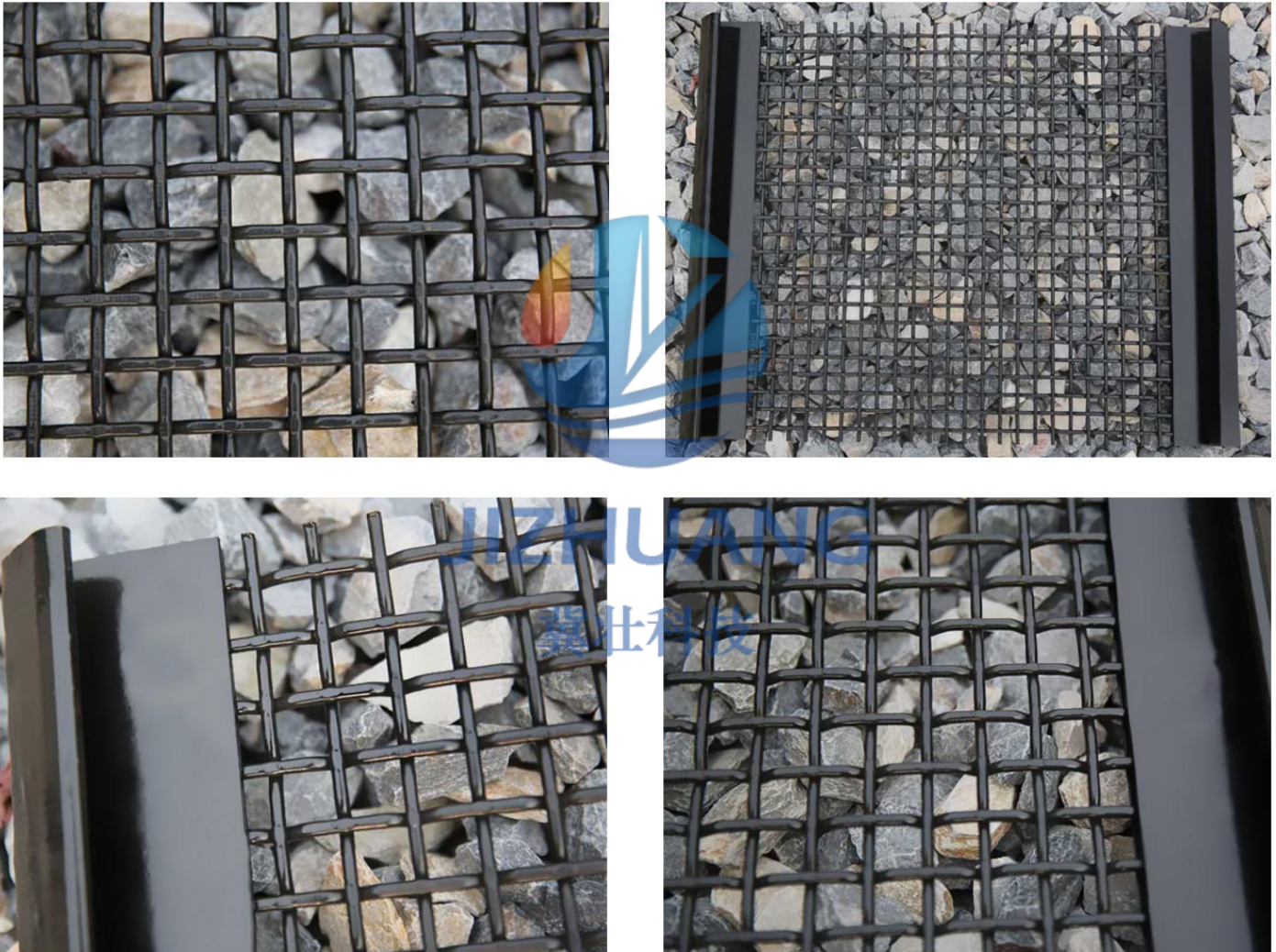
Wire diameter: 0.71mm - 12.5mm.

Mesh size: 1mm - 100mm.

Hole type: square, rectangular and long slot.

Specification

1. Width of the grid: up to 2.200 mm
2. Length of the grid: up to 5.000 mm or in roll form up to 50 m
3. Dimensional tolerances in length and width: -0 mm /+1 mesh width (customary)
4. On request fixed measures with tolerances of +/-2 mm in length and width



Weaving type

1. Plain weave.
2. Pre-crimped.
3. Flat top.
4. Intermediate crimped.
5. Lock crimped.

Lock Crimp Screen

The Lock Crimp Mesh is produced via the pre-crimp technique. The warp and Shute wires are both crimped at their points of intersection and ensures that there is no wire movement in the mesh.

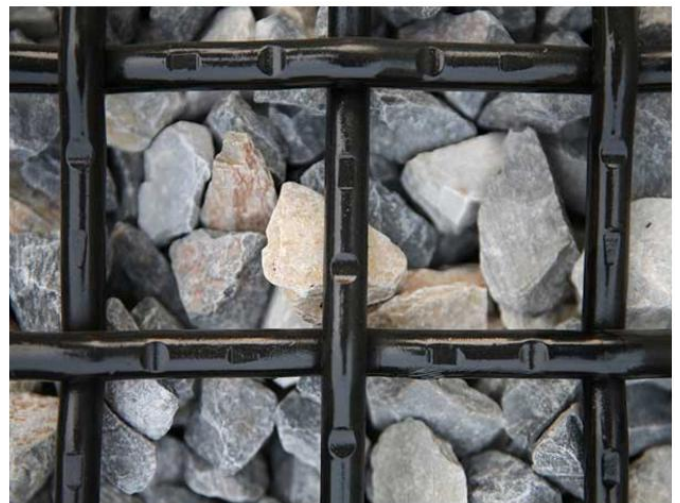
Description

The Lock Crimp Mesh is produced via the pre-crimp technique. The warp and Shute wires are both crimped at their points of intersection and ensures that there is no wire movement in the mesh. This makes the lock crimp wire cloth a very hearty stainless steel screen mesh.

Lock Crimped Mesh is characterized by straight sections of wire connected by a well defined bump at the wire intersections, such a manner to actually lock the wires together, offering further assurance of no wire movement. Our lock crimp wire mesh is good in quality and competitive at price.

Weave Type

Single intermediate crimp screen, double intermediate crimp screen, lock crimp screen, flat top screen, pressure welded screen.



Hook type

1. Bending.
2. Welding.
3. Metal sheet hook. (C type or U type).

Rectangular Screen

Rectangular Screen Crimped before weave, double-direction, ripples flections, tight lock flections, flattop flections, double-direction flections, list-direction separate ripples flections.



Description

Material: black wire, spring steel wire, manganese steel wire and stainless steel wire.

Surface treatment: galvanized or painted.

Wire diameter: 0.71mm - 12.5mm.

Mesh size: 1mm - 100mm.

Hole type: square, rectangular and long slot.

Type of weaving

Crimped before weave, double-direction, ripples flections, tight lock flections, flattop flections, double-direction flections, list-direction separate ripples flections.

Features

Rectangular Screen is substantially woven, firm structure, uniform cells, enduring, graceful, uniform surface, corrosion-resisting, etc.

Slot Screen

Slot Screen is packed Inside with moisture-proof paper and other materials which doesn't affect the quality of product's surface, outside with wooden cases or wooden pallets.



Description

Wire Diameter: 0.3mm~14mm

Aperture: 0.1-3m

Weight: 1.45-20kg/m²

Crimping: Double crimped, Inter crimped, Lock crimped etc.

Opening: 3mm to 150mm with wires 1.4mm to 12.7mm thick;

Specification: width up to 2.2m, no length limitation.

Edge: Raw Edge, plated sheathed, hooked, inner plated welded etc.

Weave Method: before before curly curls, weaving, one-way crimp, crimp and intermediate crimp lock.

Features

1. More open area than tandard square woven wire screens

2. Reduce blinding screening, sizing
3. Actually aperture size
4. Stable structure
5. Wear and abrasion resistant

Self-Clean Mesh

All products available in oil tempered, Tufflex and stainless steel wire. Can be hooked with any edge style to fit all screening equipment, stationary or portable.

Description

Clean Screens are high-quality, non-blinding screening surfaces made from crimped wire. The wires in these screens vibrate independently of each other. They're an ideal choice when you need to greatly reduce pegging, plugging and blinding and still maintain sizing.

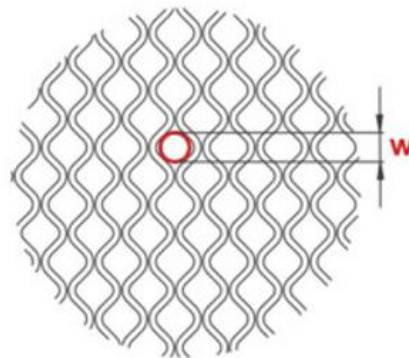
All types deliver higher production rates by combining high percentages of open area (compared to square opening wire mesh) with the action of vibrating wires.

All products available in oil tempered, Tufflex and stainless steel wire. Can be hooked with any edge style to fit all screening equipment, stationary or portable.

Separates flakes and slivers from finished product while greatly reducing problems like plugging and blinding.

Depending on the placement of the wavy wires and their connection type we can divide harp screens into following categories:

Progress Harp Type K



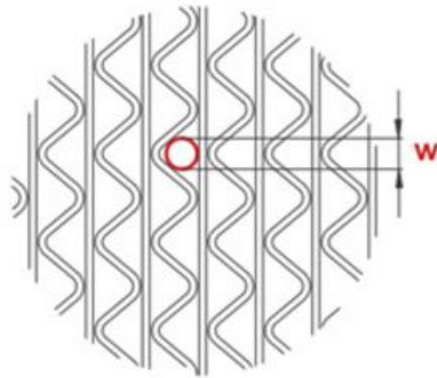
K TYPE

This type of screens is made of round wavy, wires, curved in the horizontal working plain. Angle between the arms equals 90.

Working size of W opening is created by diameter of the circle written into this opening. Wires placed one next to another create openings similar to a square. Working wires are buckled together with transverse wires using polyurethane, rubber or wires inside plastic cover.

Opening sizes: 1,5 - 35 mm

Ø Wire: 0,8 - 6,3 mm

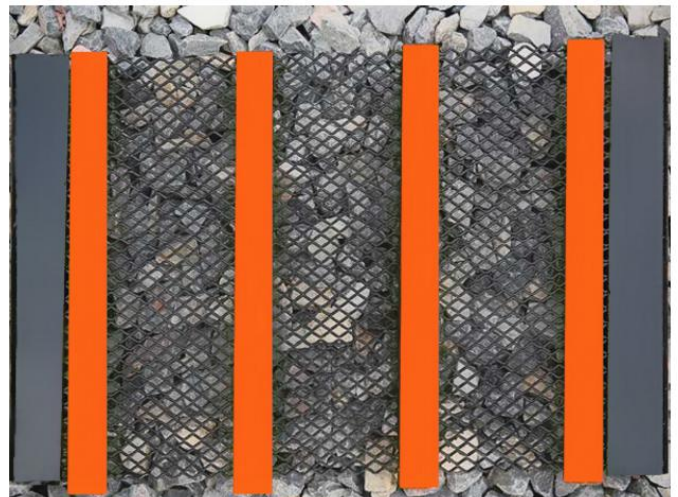
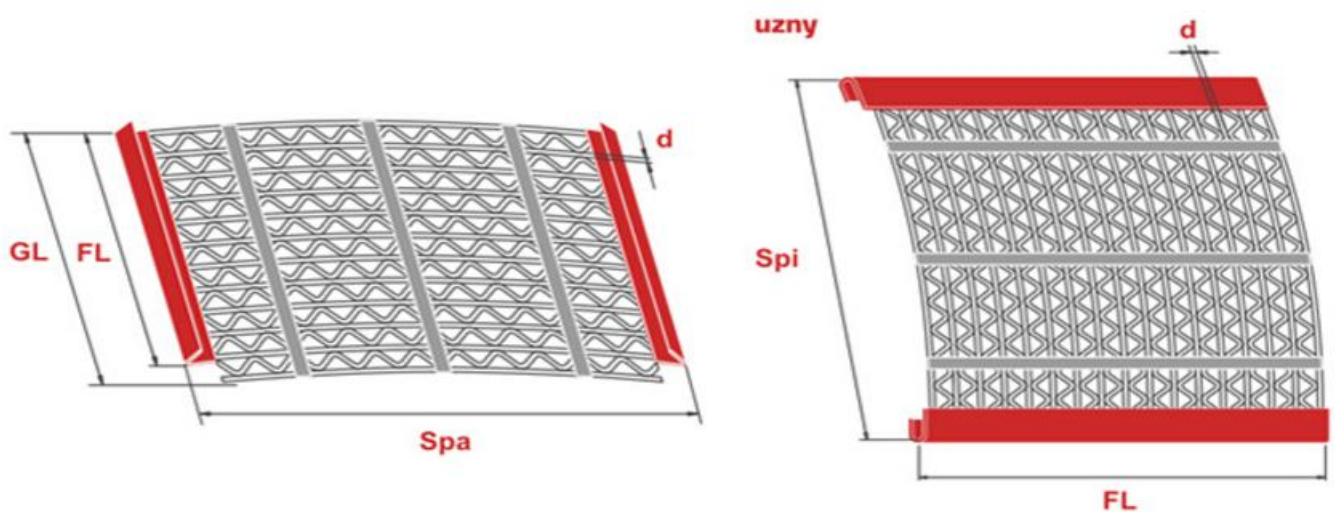


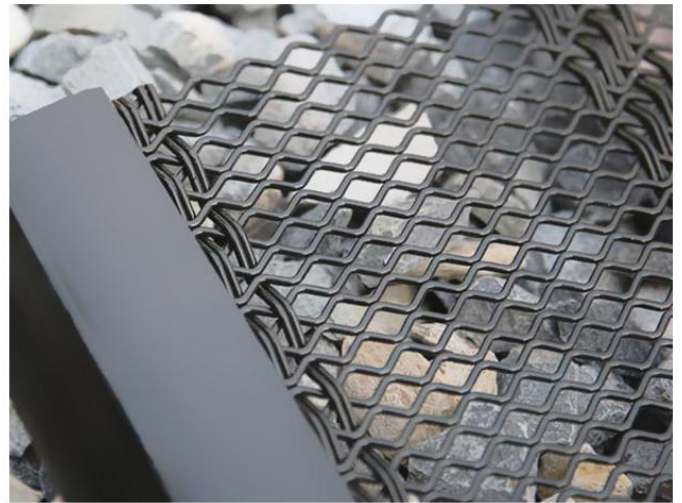
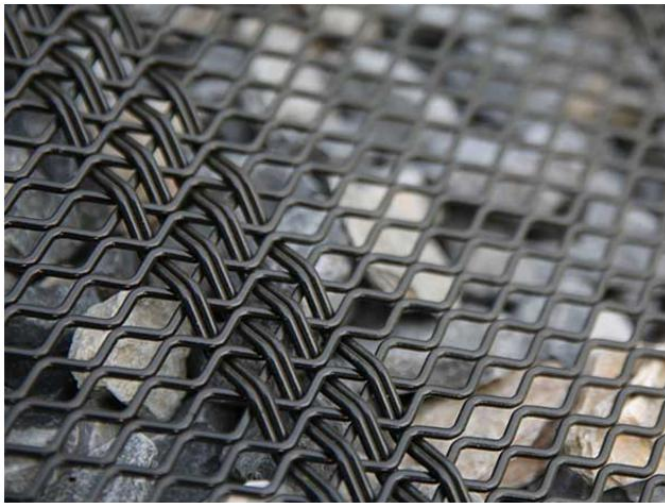
T TYPE

They are produced with wires of round diameter – straight and wavy placed alternately on the horizontal working surface. Wave spread span equals 90 or 60°. Working size of W opening is created by the diameter of the circle written into this opening. Straight, round wires have a slightly larger diameter than wavy ones. This series of screens characterizes with high ability to withstand heavy loads (owing to very well stretched straight wires) and good self-cleaning effect, obtained by self-oscillation of wavy wires. Wires in this series of screens can be connected with each other using wire knots, polyurethane, rubber or transverse wires inside plastic cover.

Opening sizes: 1,2 - 14 mm

Ø Wire: 1 - 4 mm





Polyurethane Screen Mesh

Polyurethane screens, similarly to rubber screens, are an alternative for metal screens. They are abrasion-resistant and lack of corrosion. Self-cleaning effect and cone-shaped mesh allows increased effectiveness and noise reduction make work more comfortable.



Description

Polyurethane screens, similarly to rubber screens, are an alternative for metal screens. They are abrasion-resistant and lack of corrosion. Self-cleaning effect and cone-shaped mesh allows increased effectiveness and noise reduction make work more comfortable. They are specially recommended for "wet" work types.

Material Polyurethane elastomer Type-A and Type-B; hardness 45-95Sh, additional steel reinforcement. Mesh 0,25-160,0 mm (square or longitudinal, regular and passed system) Thickness 30-60 mm Dimensions Standard for internal modules 300 x 1000 mm, for external ones according to sorting machine's size.

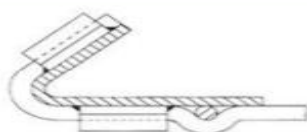
Features

1. Embedded steel frame for high tensile strength.
2. Metallic hooks for easy replacement.
3. Wear resistance.
4. Age resistance and long service life.
5. High efficiency.
6. Various openings for accurate separating.
7. Lightweight and easy to install and replace.
8. Low noise.

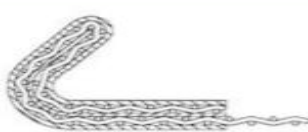
Because the polyurethane screen mesh has many advantages, so they are widely used in various industry. mainly used in Chemical industry, Abrasive material and ceramic industry, Paper making industry, Metallurgy and mining industry, Mechanical industry.



Edge Types



TYPE OF EDGE
001



TYPE OF EDGE
002



TYPE OF EDGE
003



TYPE OF EDGE
004



TYPE OF EDGE
005



TYPE OF EDGE
006



TYPE OF EDGE
007



TYPE OF EDGE
008



TYPE OF EDGE
009



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