

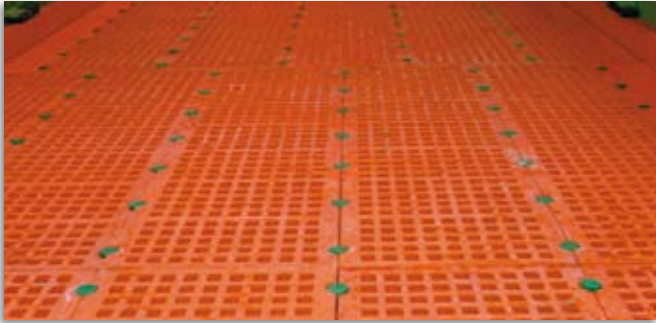
# Sieves.

## Delivery Program

 **STEINHAUS**

# Polyurethane Screen Panels

## KOMBIPLAST System Screen Deck



**KOMBIPLAST system screen modules** of highly wear resistant polyurethane in standardized sizes, with full screening area or blind. Modules in width of 150 and 300 mm and lengths from 300 up to 1200 mm. With the same aperture range as the other STEINHAUS polyurethane screen panels. Fixing to the substructure bars is by the well proven peg anchoring system.

**KOMBIPLAST-IM** completely injection molded modules in standard dimensions.

**KOMBIFLEX-W** whipping (Flip Flop) screen modules for difficult to screen material.

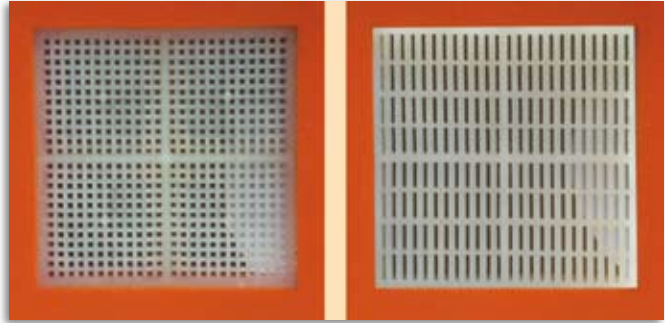
**KOMBIPLAST-LB** modules with punched plates in special steel grades.

## UNI 2000 System Screen Deck



**UNI 2000 - system screen modules** are fixed to the substructure bars by means of adapter slats, thus making it compatible to other types of modular systems. There are system units with standard widths of 150 and 300 mm and flexible lengths of up to 1200 mm, all made of highly wear resistant polyurethane.

## FORSIPLAST / SPALTOFLEX in conventional panel execution



### FORSIPLAST

- Characteristics** : Screen panels consisting of individual injection moulded units, connected by welding and / or cast moulded polyurethane
- Apertures** : 0,63 to 30 mm square
- Panel thickness** : 2 to 19 mm in the hole area
- Material** : Highly wear resistant polyurethane, precise cutting, self cleaning, product protecting, extremely long standing time, noise reducing
- Application** : Classifying abrasive bulk materials

### SPALTOFLEX

- Characteristics** : Same as for FORSIPLAST
- Slot widths** : 0,1 to 11,2 mm
- Panel thickness** : 2,5 to 18 mm in the slot area
- Material** : Same as for FORSIPLAST
- Application** : Dewatering, deslurrying, pulp recovery, classifying, filtration, environmental applications

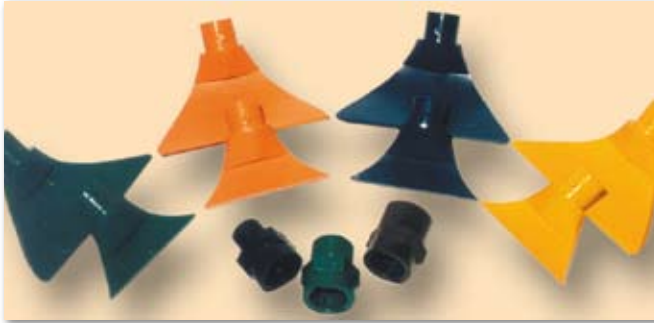
## LOSIPLAST in conventional panel execution



- Characteristics** : Completely cast moulded screen panels in standard executions, but available in different hardnesses of 35, 45, 63 and 85 Shore-A
- Apertures** : 3,15 to 125 mm both in square and rectangular holes
- Panel thickness** : 25 to 130 mm
- Material** : Highly wear resistant polyurethane, precise cutting, self cleaning, product protecting, extremely long standing time, noise reducing
- Application** : Classifying abrasive bulk materials.

# Accessories

## AQUAPLAST - Fan Spray Nozzles



**Aquaplast-Fan Spray Nozzles**, of corrosion and wear resistant polyurethane, virtually eliminates blockages even with particles up to 3 mm in the water. Well proven for washing / rinsing on screening machines, with an even, fan shaped water curtain using pressures of 0,5 to 3,5 bar.

### Available as:

<b>PD 4</b>	with 4 mm-hole	(colour code green)
<b>PD 5</b>	with 5 mm-hole	(colour code orange)
<b>PD 7</b>	with 7 mm-hole	(colour code blue)
<b>PD 9</b>	with 9 mm-hole	(colour code yellow)

All the above nozzles are also available as mini nozzles type "PM".

### Quick release couplings:

<b>R 3/4 "</b>	male	(colour code green)
<b>R 1/2 "</b>	male	(colour code black)
<b>R 3/4 "</b>	female	(colour code grey)

## ACCESSORIES



**STEINHAUS screen deck accessories**, of polyurethane / steel, to supplement the STEINHAUS Polyurethane screen decks.

### For example:

- side fixing slats
- wedge slats
- bolt head protection discs
- central fixing slats
- tensioning rails
- and many more

# Woven Wire Screen Cloths

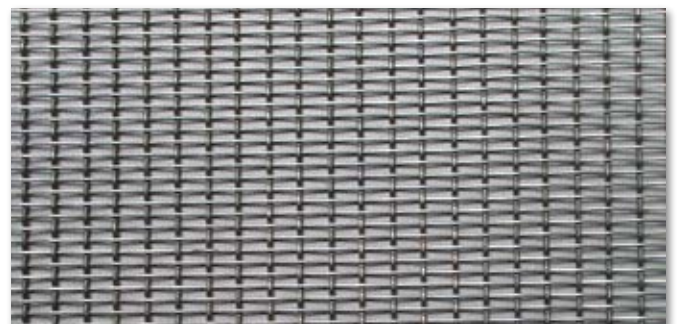
## REKORD



- Features** : Woven sieves with square meshes with or without tensioning clips
- Mesh sizes** : 0,25 to 50,0 mm
- Wire thickness** : 0,125 to 6,3 mm
- Material** : Spring steel to EN 10270-1, other qualities on request
- Application** : Sieving bulk materials on screening machines, in trommel screens and on screening chutes.

The information and illustrations in this product information are non-binding and only represent an approximate description. The properties are not guaranteed.

## REKORD-REKTAN



- Features** : Woven sieves with rectangular meshes, with or without tensioning clips
- Mesh sizes** : 0,25 x 0,75 mm to 10 x 30 mm
- Wire thickness** : 0,14 / 0,125 mm to 2,0 / 3,2 mm
- Material** : Spring steel to EN 10270-1, other qualities on request
- Application** : Sieving bulk materials on screening machines, in trommel screens and on screening chutes.

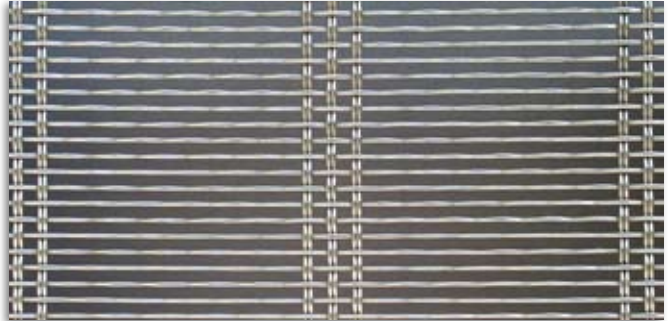
# Woven Wire Screen Cloths

## ONDULA - Thinwire / - Rektan



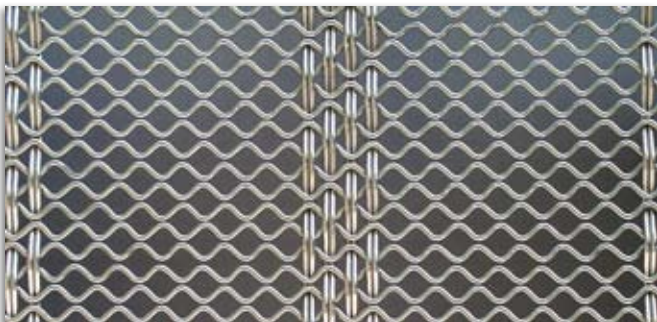
- Features** : Woven-type sieves from undulated wire with square, rectangular or slotted meshes, with or without tensioning clips
- Mesh sizes** : Square mesh : 3,15 to 31,5 mm  
Rectangular mesh : 2,0 x 6,3 to 10 x 31,5 mm  
Slotted mesh : 1,0 x 14 to 16 x 80 mm
- Wire thickness** : 0,63 to 3,6 mm
- Material** : Spring steel to EN 10270-1, chrome steel, chrome nickel steel
- Application** : Sieving bulk materials on screening machines. Rectangular and slotted mesh types especially suitable for damp and hard-to-sieve materials.

## HARFE HARFEPLAST



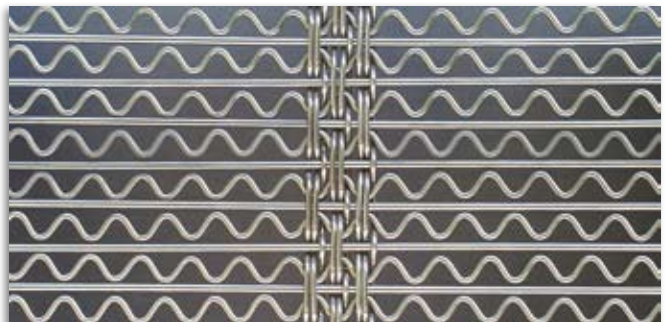
- Features** : Woven-type sieves from round wire, smooth or vertically undulated with long or slotted meshes, with or without tensioning clips
- Slot width** : 0,1 to 16 mm
- Slot length** : 60 to 150 mm
- Wire thickness** : 0,71 to 2,5 mm
- Material** : Spring steel, chrome steel and chrome nickel steel; cross-connections of HARFEPLAST made of polyurethane
- Application** : Sieving damp, hard-to-sieve materials on screening machines.

## SERPENTI SERPENTIPLAST



- Features** : Woven-type sieves from round or flat wires, undulated within the panel surface, with diagonally square meshes, with or without tensioning clips
- Mesh opening** : 2 to 25 mm
- Wire thickness** : round wire : 0,9 to 4,5 mm  
flat wire : 1,6 x 3,2 to 4,5 x 9,0 mm
- Material** : Spring steel, chrome steel and chrome nickel steel; cross-connections of SERPENTIPLAST made of polyurethane
- Application** : Sieving damp, hard-to-sieve materials on screening machines.

## TRIA TRIAPLAST



- Features** : Woven-type sieves from alternately straight and undulated round or flat wires, with or without tensioning clips
- Mesh opening** : 2,0 to 22,4 mm
- Wire thickness** : round wire : 1,25 to 5,0 mm  
flat wire : 2,2 x 4,4 to 4,5 x 9,0 mm
- Material** : Spring steel, chrome steel and chrome nickel steel; cross-connections of TRIAPLAST made of polyurethane
- Application** : Sieving damp, hard-to-sieve materials, (self-cleaning sieves) on screening machines and screen drums.

# Slotted Screen Components

## OPTIMA

- Features** : Wedge wire sieves, profile wires and crossrods welded, with throughgoing slots and smooth surface
- Slot width** : 0,1 to 28 mm
- Profiles** : 1,5 to 10 mm head width and 4 to 20 mm profile height, profile shape depending on application
- Crossrod pitch** : 25 to 100 mm
- Material** : Mild steel, MnS, chrome steel and chrome nickel steel
- Application** : Classifying, filtering, dewatering, deslurrying, pulp recovery, cooling, drying, centrifuge baskets, environmental protection.

**OPTIMA system modules fit on the KOMBIPLAST Support Construction.**



## OPTIMA-SPIRAL

- Features** : Cylinders of welded wedge wire, crossrods and profile wires resistance welded. Continuous slots, smooth screening surface
- Slot width** : 0,05 to above 20 mm, also infinitely variable within one OPTIMA Spiral cylinder
- Profiles** : 1 - 3 mm head width, 2 - 8 mm profile height
- Crossrod pitch** : Depending on the diameter from 10 mm upwards
- Material** : Mild steel, MnS, chrome steel, chrome nickel steel and weldable non-ferrous metals
- Application** : Filtering, classifying, dewatering, deslurrying, pulp recovery, cooling, drying, pusher centrifuge baskets, environmental protection.



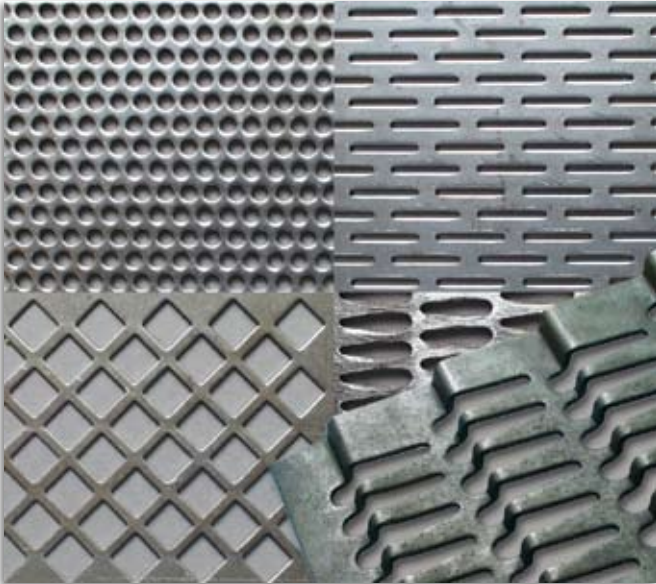
## PRÄZISSA / CADETTA

- Features** : Wedge wire sieves from looped and pressed wires, positioned on round-wire crossrods
- Slot width** : 0,05 to 10 mm
- Profiles** : 1 to 4,6 mm head width and 2 to 8,5 mm profile height, profile shape depending on application
- Crossrod pitch** : 45 to max. 120 mm
- Material** : Mild steel, chrome steel and chrome nickel steel, non ferrous metals on application
- Application** : Classifying, filtering, dewatering, deslurrying, pulp recovery, cooling, drying, centrifuge baskets, environmental protection.



# Punched Plates and Grids

## PERFORATED PLATES



### Perforated plates with round holes:

0,5 to 125 mm, DIN 24041

### Perforated plates with square holes:

2,0 to 125 mm, DIN 24042

### Perforated plates with rectangular holes:

1,0 to 40 mm aperture width and  
10 to 80 mm aperture length, DIN 24043

### Perforated plates with special holes:

such as drop- or pear shaped

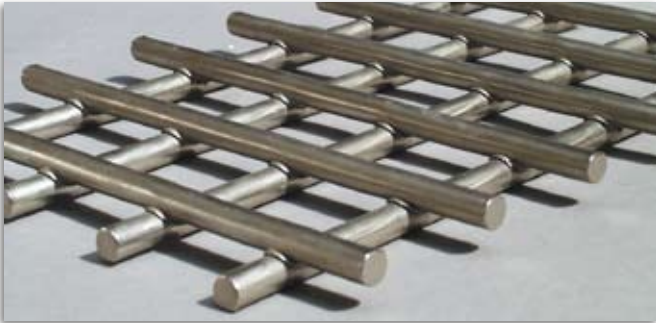
### STUFIX-Perforated plates:

with openings stepwise, widening in the direction of flow

### Mikro-perforated plates:

with holes, down to 0,04 mm, from soft or hard nickel, on application with special surface finish.

## SOLIDA



**Features** : Grids, pressure welded, from plain, round wire, with square and rectangular meshes, with or without tensioning clips

**Mesh sizes** : 10 to 200 mm

**Wire thickness** : 4 to 20 mm

**Material** : MnS, chrome nickel steel

**Application** : Sieving coarse materials (coke, coal, ore, gravel, hard rock) on screening machines and in trommel screens

## LONGVITA



**Features** : Grids, smooth on one side, from round or profile wires with square or rectangular meshes, with or without tensioning clips

**Mesh sizes** : 5,0 to 100 mm

**Wire thickness** : round wire : 2,5 to 16 mm  
profile wire : H 4 to H 15

**Werkstoff** : mild steel : 2,5 to 8,0 Ø  
MnS : 2,5 to 16,0 Ø  
spring steel to

EN 10270-1 : 2,5 to 12,5 Ø  
chrome and chrome nickel steel on application;  
profile wire only in MnS

**Application** : Sieving coarse materials (coke, gravel, ore, chippings) on screening machines and in trommel screens.

# Progress with Tradition



STEINHAUS GMBH is a forward looking group of companies employing more than 1.500 people in worldwide activities.

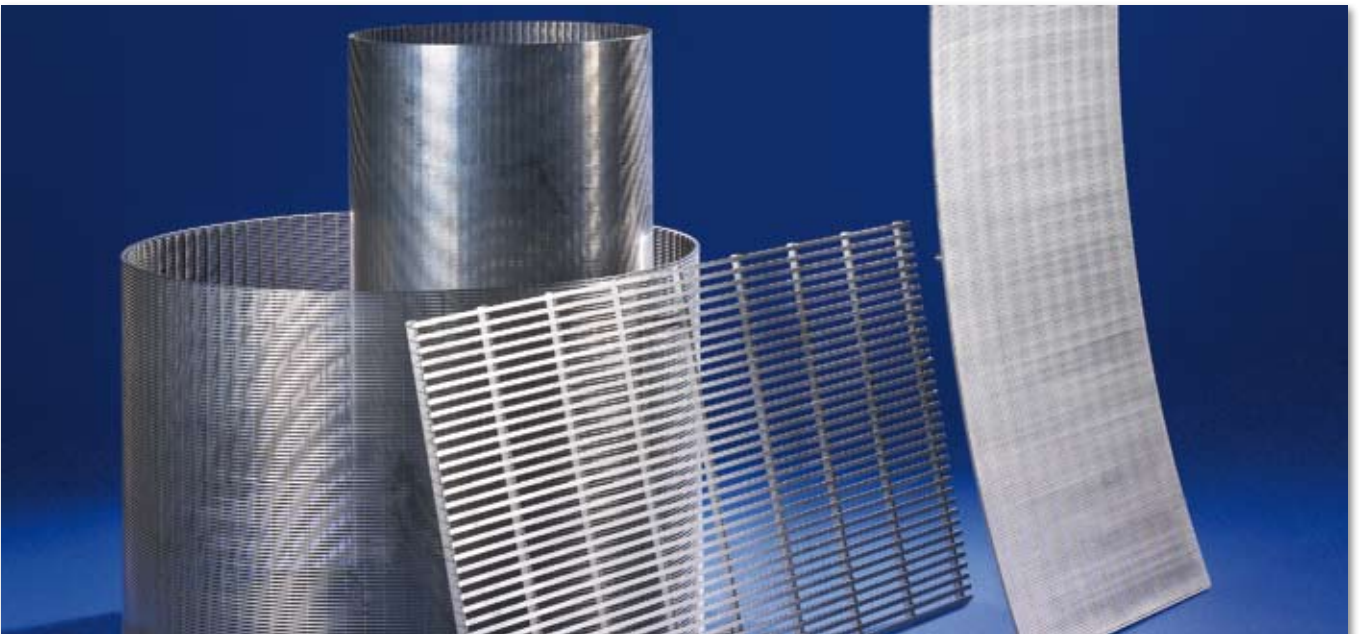
Modern workshop facilities and production methods and our own development department are backed by a strong team of dedicated salesmen and engineers. This combined with numerous national and international partners are our guarantee for reliable, quality products and expertly advise.

STEINHAUS screen panels are available in various executions, from wear and corrosion resistant steel grades to steel reinforced polyurethane, with appropriate apertures.

They are used for separating solid mineral raw materials, such as sand and gravel, hard rock, coal and ores, chemicals, foods and many others, on screening machines, in centrifuges and filters.

Various accessories, wear resistant linings and fan spray nozzles complete the sieve programme.

The total STEINHAUS delivery program offers wire meshes and grids, punched plate, wire mesh conveyor belts, textile filter cloths, filter hoses and bags, form filters and filtercloths made of metals and synthetics, foil articles and flexible housings.





### Screen Panels

Screen panels made of steel and polyurethane, system screen segments, wire cloth, perforated plates



### Slotted Screen Panels

Slotted screen panels made of wear resistant, alloyed, corrosion resistant steel grades, with and without reinforcement, in welded and looped execution.



### Wire Conveyor Belts

Wire conveyor belts, woven and braided, belt tracking device



### Filter Media

Filter cloth, hoses, bags made of textile fibres, form filters and filter fabrics made of metals and synthetics, high precision filter tubes

