



# WEDGE WIRE SCREENS

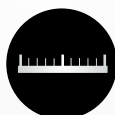
Screen areas consist of wedge shaped wires welded to crosswise profiled wires, which ensures the brilliant permeable properties. These screens are often used in the areas of dewatering, filtering, screening and blowdown.

The screen in technological devices (screen machines, drainage channels and chutes, decantation bottoms, fermentation reactors and others) is mounted in a couple of different ways, it is usually screwed or wedged onto the structure.



## Fields of application

Sandpits, mining, food processing, sewage tanks, sugar refineries, brewing industry, malt industry



## Dimensions supplied

Everything is custom made. Widths of slot delivered from 0.05 up to 10mm



## Materials supplied

Stainless steel of different quality levels

### WELDED WEDGE WIRE SCREENS

This screen consists of wedge shaped wires welded to crosswise profiled wires. They are characterized by keeping its slot width, perfectly smooth working area and stable construction. These screens can be additionally reinforced. Based on the nature and abrasiveness of sorted material, it is possible to change the shape of the wedge shaped wires, which affects the lifetime of the screen. In certain applications (paper industry) welded wedge wire screens can be produced with wedge shaped wires welded to the beam anglewise.

### LOOP WEDGE WIRE SCREENS

This screen consists of individual wedge wires with loop meshes on reinforced bars, which are unriveted at the ends and welded onto the side rods or supporting frame. These reinforced bars have a thread and a bolt cut at each end, or are riveted and welded onto the side beams or onto the whole perimeter of the supporting frame. Screens without the reinforcement can be additionally shaped.

### WEDGE WIRE CYLINDER SHAPED SCREENS

The shape variability of loop wedge wire screens as well as welded wedge wire screens allows the production of various wedge wire cylinders, baskets and other specially shaped wedge wired surfaces which are essential to dewatering processes, thickening, filtration and separation, according to the requirements of a specific technological applications.

**Perfectly smooth working area**

- **Longer lifetime**

- **The possibility to roll even to smaller diameters**

**robust construction resistant to heavy loads**

- **accurate width of the slot**

- **longer lifetime**

**solid construction**

- **high slot accuracy in the axial as well as radial direction**

- **internal or external working area**

