



## Wire Wound Screen

- Since the beginning of the nineties two of the most traditional and experienced manufacturers, JOHNSON Filtration Systems and STÜWA Konrad Stükerjürgen GmbH have been working and researching as partners conquering the market with the Original JOHNSON wire wound screen.
- Its construction supplies an excellent prerequisite for the well development (jetting, piston pumping). The kinetic energy of the water pouring out is increased by the nozzle effect of the conical slots. Thus this special construction of the slots widening up to the inner part avoids clogging caused by particles in the water.
- Wire wound screens were invented in the US approximately ninety years ago. The construction allows a precise adoption of slot sizes according to the very small tolerances within the grain size distribution curve. You might consequently be in the position to achieve an optimum development result without any gravel pack.

### Production Range

Diameter:

from ND 50 mm(2") to 1,400 mm (60")

Material:

stainless steel according to DIN 1.4301, 1.4306, 1.4404 (AISI 304, 304L, 316L), galvanizing is also possible.

Production standard:

DIN 4935 (part 1-3)

Slots:

from 0.10 to 3.00 mm, bigger ones are also possible

Open area:

because of the circumferential slotting a high performance up to 40 per cent preferably ZSM push fit/spring lock couplings for stainless steel and

Couplings:

coated casings, round threads (acc. to DIN or work standards) and API threads for stainless steel casings, trapezoidal thread for couplings with PVC casings acc. to DIN 4925, flange or weld-collars for major diameters



wire wound piling screen system



wire wound screen with base pipe