

# 安平县海兴网业有限公司



ANPING HAIXING WIRE MESH CO.,LTD

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## About us

Haixing company can manufacture water well screen. The water well screen can be widely used in the sand control industry of oil, gas and water wells. The use in water well industry is especially visible. We own the world advanced techniques and equipments, and the screens can meet requirement of various drillers. Our well screen have been recognized and got good reputation in drilling industry.

The world's best designed water wells use Haixing well screen. The best drillers and most demanding customers in the world know the quality of our products, backed by more than 25 years of experience.

Today, this revolutionary technology is being continuously advanced and improved upon, providing the best well screen for municipal, industrial, commercial, agricultural, domestic and environmental applications.

For over 25 years, Haixing well Screens has continuously produced metal products for customers seeking a competitive advantage in their industry. Haixing well Screens is an ISO-9001:2008 registered company. Through a flexible network of qualified agents and partners, We achieved a leading position in the international market. We are committed to producing quality products which meet or exceed both customer and industry standard. The majority of our products are exported to original equipment manufacturers of 35 countries of Europe, America, Africa, and Asia.

## 1. Well screen

Haixing company well screens are welded structures with the support profiles being rods in the axial direction of the tube and surface profiles spirally wound around the support profiles.

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## Specification:

Slot size (mm):0.10,0.15,0.2,0.25,0.30-6,also achieved upon customer request.

Open area up to 60%.

Material : Low Carbon ,Low Carbon Galvanized steel (LCG),, steel treated with plastic spraying,Stainless Steel( 304,etc.)

Lengths up to 6 meters.

Diameter ranging from 25 mm to800 mm

### ·wire profile (mm)

PROFILE WIRE									
WIDTH(mm)	1.00	1.50	1.50	2.30	2.30	1.80	3.00	3.70	3.30
HEIGHT(m m)	2.00	2.20	2.50	2.70	3.60	4.30	4.70	5.60	6.30

### support bar (mm)

SUPPORT ROD						
WIDTH(mm)	2.30	2.30	3.00	3.70	3.30	ROUND Ø2.5--Ø5mm
HEIGHT(mm)	2.70	3.60	4.70	5.60	6.30	----

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## Well screen diameter

Screen Size		Inside Diameter		Outside Diameter		OD of Female Threaded End	
in	mm	In	mm	in	mm	In	mm
2	51	2	51	25/8	67	23/4	70
3	76	3	76	35/8	92	33/4	95
4	102	4	102	45/8	117	43/4	121
5	127	5	127	55/8	143	53/4	146
6	152	6	152	65/8	168	7	178
8	203	8	203	85/8	219	91/4	235
10	254	10	254	103/4	273	113/8	289
12	305	12	305	123/4	324	133/8	340
14	356	131/8	333	14	356	—	—
16	406	15	381	16	406	—	—
20	508	18 3/4	476	20	508	—	—

### A Haixing well screen provides the following advantages to your well:

Stop sand production

Avoid pump damage

Improve well efficiency

Improve pumping efficiency

Maximize water flow rate into the well

Reduce well maintenance

Increase well life

Flow rates are three times higher than bridge-slot screens and nine times higher than slotted casing

corrosion-resistant alloys are available for adverse conditions.



**Applications:**

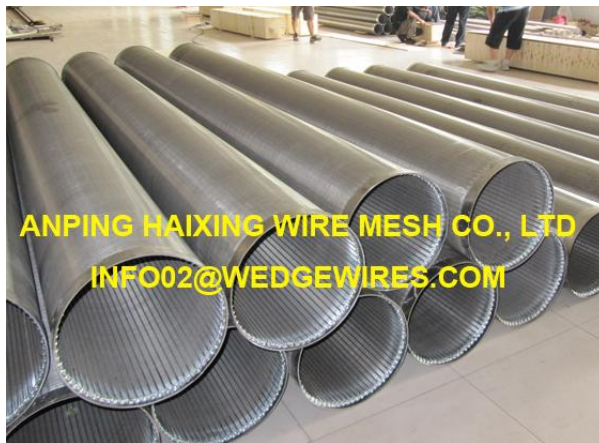
Gravel-packing in cased-hole completions of vertical wells, directional wells and open-hole completions.

Solid / liquid separation

Sizing and screening

Dewatering

Media retention



**2. Pipe-Based Screen**

The Pipe-based screen is a perfect combination of a high performance profile wire screen and a strong internal pipe. It utilizes a very accurate V-shaped wire welded onto supporting rods to form a jacket that is assembled onto the perforated pipe –

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making them ideally suited to deep wells.

The very close slot control tolerances prevent sand migration.

Most importantly, the V-shaped continuous slot opening ensures better flow performances and is specially designed for very severe conditions.

As standard, 304 stainless steel is used in the manufacture of the jacket, and J55 or K55 for the pipe base. The standard external screen open area is 21%, although other percentage open areas are available.

## • Feature:

- 1、 High flow capacity.
- 2、 Perfect integral strength and strong anti-deformation ability
- 3、 Slot with high density, low flow resistance .Slot density are 3~5 times as traditional slotted screen, with low flow resistance. It is conducive to increase production of oil or gas.
- 4、 Good manufacturability makes high efficiency, low cost, and large-scale production achievable.

## • Specification

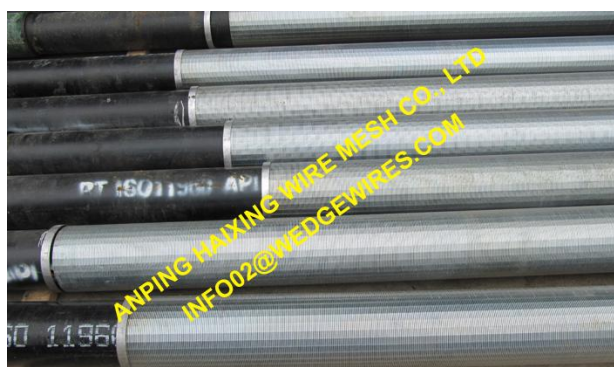
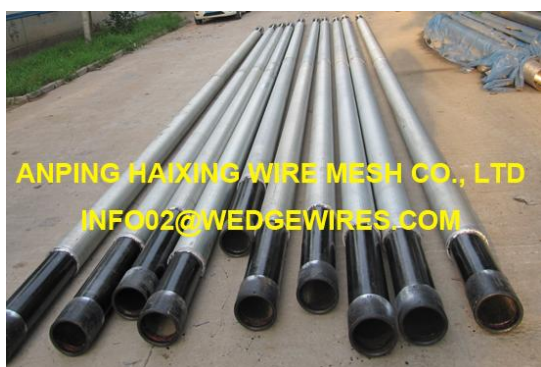
Nominal Diameter	Pipe OD (mm)	Weight lb/ft W.T [mm]	Hole size In.	Holes per foot	Total Area of holes in2/ft	Screen OD (in)	Open area of screen in2/ft			
							SLOT			
							0.008"	0.012"	0.015"	0.020"
2-3/8	60	4.6 [4.83]	3/8	96	10.60	2.86	12.68	17.96	21.56	26.95
2-7/8	73	6.4 [5.51]	3/8	108	11.93	3.38	14.99	21.23	25.48	31.85
3-1/2	88.9	9.2 [6.45]	1/2	108	21.21	4.06	18.00	25.50	30.61	38.26
4	101.6	9.5 [5.74]	1/2	120	23.56	4.55	20.18	28.58	34.30	42.88
4-1/2	114.3	11.6 [6.35]	1/2	144	28.27	5.08	15.63	22.53	27.35	34.82

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5	127	13 [6.43]	1/2	156	30.63	5.62	17.29	24.92	30.26	38.52
5-1/2	139.7	15.5 [6.99]	1/2	168	32.99	6.08	18.71	26.96	32.74	41.67
6-5/8	168.3	24 [8.94]	1/2	180	35.34	7.12	21.91	31.57	38.34	48.80
7	177.8	23 [8.05]	5/8	136	42.16	7.58	23.32	33.61	40.82	51.95
7-5/8	194	26.4 [8.33]	5/8	148	45.88	8.20	25.23	36.36	44.16	56.20
8-5/8	219	32 [8.94]	5/8	168	51.08	9.24	28.43	40.98	49.76	63.33
9-5/8	244.5	36 [8.94]	5/8	188	58.28	10.18	31.32	45.15	54.82	69.77
10-3/4	273	45.5 [10.16]	5/8	209	64.79	11.36	34.95	50.38	61.18	77.86
13-3/8	339.7	54.5 [9.65]	5/8	260	80.60	14.04	37.80	54.93	66.87	85.17



### 3. Pre-packed well screen

The pre-packed screen have a double layer of high performance screen, having a very accurate V-shaped wire welded to support rods and a slot opening for the outer screen, which is selected to retain the formation sand, and an inner screen to retain the media pack.

The pre-racked screens simplify the contractor's work, improve the odds for successful development and offer long-term benefits for the owner.

For the contractor, the pre-packed screen eliminates the need for a larger borehole. It shortens the amount of time required to drill a well, and speeds development time.

It uses ceramic beads as the filter media. This unique concept provides a filter pack





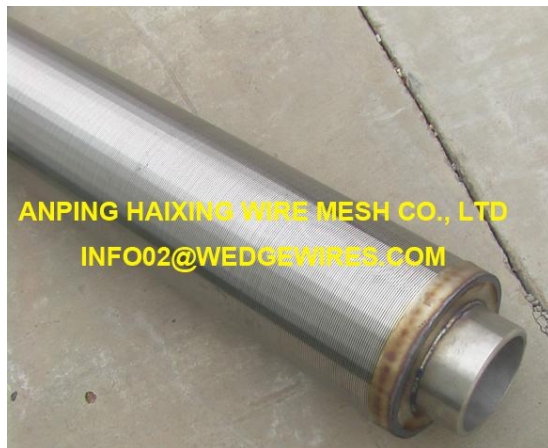
that is less likely to get fouled with biofilm and encrustation. It also uses calibrated sand, either with or without epoxy resin, which is contained within the annulus of two concentric screens.

Close control of slot tolerances, designed to prevent sand migration.

It also lowers overall maintenance costs for the owner.

• **Applications:**

Gravel-packing in cased-hole completions of vertical wells, directional wells and open-hole completions.



#### 4. Precise Punched Slot Screen

Precise punched slotted Screen is a new product which is composed of Pipe-based, precise punched slotted Screen jacket and stainless steel ring.

Machining range of punching aperture is from 0.20mm to 1.00mm. Machining error scope can be controlled within 0.015mm which can guarantee requirements of filtering precision. It adopts high-density punching technique.

Effective opening slot length is three to five times of length of ordinary slotted tube and two to three times of length of ordinary caulking screen.

Precise punched slotted Screen jacket can adopt line seam welding along axial direction of tube or helical welding mode to enhance strength of filtering sleeve greatly.

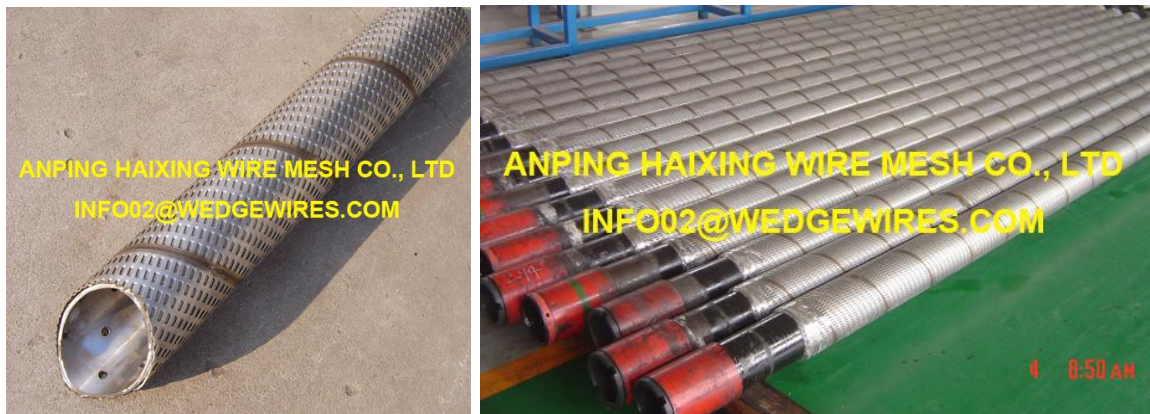


Pipe-based adopts helical perforation form to reduce aperture area of cross section of tube and retain strength of pipe-based as much as possible on basis of guarantee of integral area of passage of tube.

Pipe-based adopts API standard casing or oil tube. Precise punched slotted screen jacket adopts stainless steel 304.

Pipe-based can adopt anti-corrosive casing or oil tube according to special requirements of high concentration Cl-well containing H<sub>2</sub>S, CO<sub>2</sub>. Screen shall be resistant to acid, alkaline and salt corrosion.

PPS screen can be used for casing completion and liner completion of vertical wells, inclined wells and horizontal wells etc. And it can be used for various oil wells, gas wells and water wells. It can be used as sand control colonnade individually and it can be used in gravel packing.



## 5.Slotted Liner Screens

The slotted liner is a robust and cost-effective solution for long completions or low productivity wells.

The slotted liner is manufactured with the fastest multi-spindle slotting equipment available worldwide.

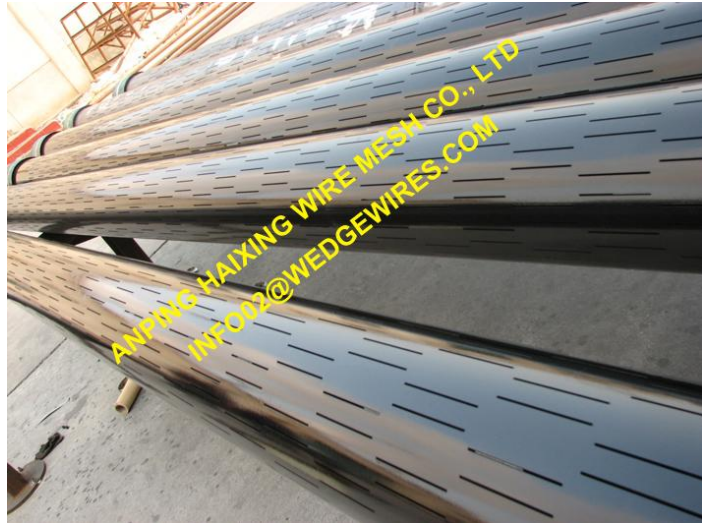
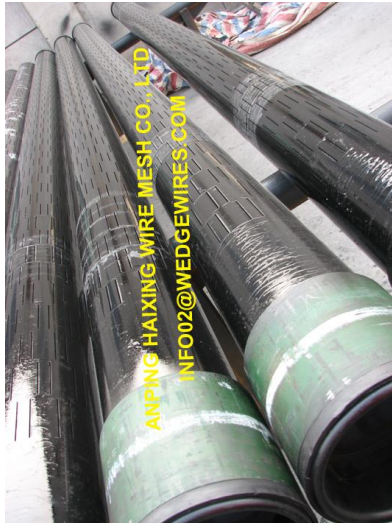
We can offer straight and keystone slotted variants in a wide range of slotting patterns to create the required open area.





Every joint slotted is debarred internally and then drift tested according to API standards.

Every slot is visually inspected and cleaned of sward. All threads and couplings are thoroughly cleaned and lubricated.



## 6. Bridge water well screen

Great water entering capacity Bridge water well screen is bridge punched proportional spacing on a pipe. It has the features of even flow rates and high entering capacity.

### Advantage:

1. Great Sand control efficiency. The traditional slotted liner is usually with 10-20mm slot and the sand easily enters into together with the water. If with wire mesh around, then the wire mesh will be easily broken and rust which will result to the outer material into the screen. The more worse result is that the well disused. Then the bridge water well screen can be punched based on different material to 0.5-2.5mm slot.

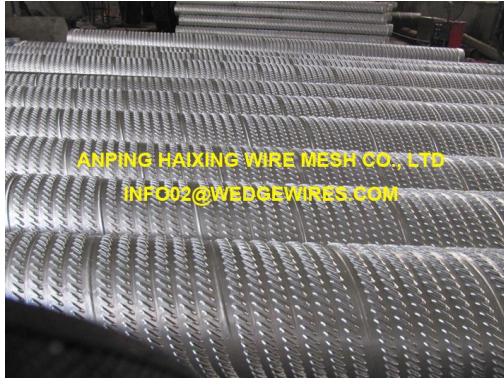
2. Long using life. We can buildup high corrosion resistance with doing embalmment on the surface of the bridge water well screen. Then make the well using life longer

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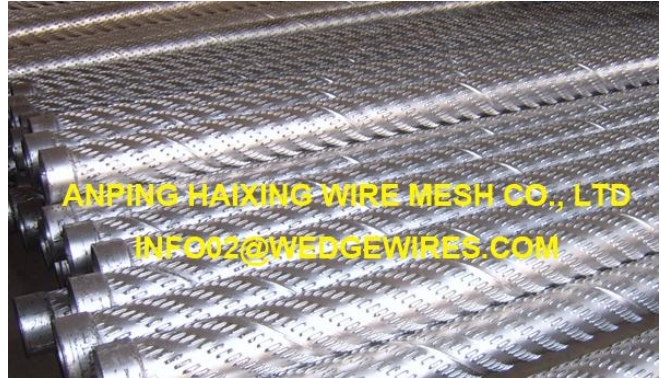


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3.Easy installation. Compare to other screens, the bridge water well screen is less weight, easy connection, convenient operation and so on.



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