



## SINFTFILTER

HEBEI SINFT FILTER CO., LTD.

# NOTCH WIRE ELEMENT

LUBRICATING OIL STRAINER
FUEL OIL STRAINER

### HEBEI SINFT FILTER CO., LTD.

WANT TO FIND OUT MORE? GET IN TOUCH.

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WIN YOUR TRUST WITH OUR BEST

#### BRIEF INTRODUCTION OF ENTERPRISE

#### HISTORY

Sinft is located in Shijiazhuang City, Hebei Province, covering 26,658 m². We were established in 2007, now we have become an excellent manufacturer of brand-compatible spare parts in the industrial filtration with 16 years of experience accumulation and precipitation.

#### PRODUCT CATEGORY

- High Pressure Filter Elements
- Low Pressure Filter Elements
- Hydraulic Filter Elements
- Stainless Steel Filter Elements
- Pipeline Basket Strainer (simplex&Duplex)
- Paint Filters
- Replacement filter elements for over 200 brands INDUFIL, PALL, HYDAC, HILCO,BOLL&KIRTCH, MOATTL, FILTREC,INTERNORMAN,PARKER, SF, STAUFF, HIFI, MP, VICKERS, DONALDSON, ARGO,REXROTH,HY-PRO,EATON,TAISEIKOGYO,EPE, etc.

#### **VISION & MISSION**

SINFT vision: High-quality, future-proof products and solutions with customer service for any need at any time. Everything we do starts with a specific need which represents our true mission. It drives us to continuously improve and build trust with our customers.

#### PRODUCTION

SINFT produces high quality accessories and spare parts compatible with major brands in the world market with more competitive prices. We use advanced, professional, automated and precise equipment to escort the orders, and our professional quality department from the operator to the precise control system of the machine which all ensure the safety and reliability of the quality.

#### CERTIFICATION

SINFT certifications: ISO 9001:2015, CE, EPR and others.





#### WHAT IS NOTCH WIRE ELEMENT?

The notch wire element is manufactured by wrapping specially treated thin stainless steel wire around the cylindrical filter frame.

It has a simple structure and robust form, allowing very accurate setting of the filtering passage size.

In addition, because the element is not subject to corrosion or deterioration, and impurities adhered to the element can easily be eliminated by backwashing or air blowing, the element requires no replacement and has a semi-permanent service life.



A gap H1 formed at the height of the first notch between the laminated strips, and a gap H2 formed by the difference in height between the first notch and the second notch.

The flowing fluid or powder is filtered in two stages at the height of the gap H1 and the height of the gap H2.



#### **FEATURES AND STRUCTURE**

#### ROBUST ELEMENT

Notch wire element is very robust because a single notch wire is wound around a cylindrical filter frame. Notch wire element achieves strength with a single-layer structure.

#### PRECISE FILTRATION SIZE

Notch wire element is capable of achieving a precise filtration size. Which does not change even after the element is washed.

#### EASE OF WASHING

Because of the single-layer structure of the element, impurities adhered to the element can be easily eliminated by air blowing, and the cleaning effectiveness can be visually checked. For this advantage, many elements of this kind are used in the sanitary (food) industry.

#### LARGE PASSING AREA

The single-layer structure of notch wire element ensures a large passing area.

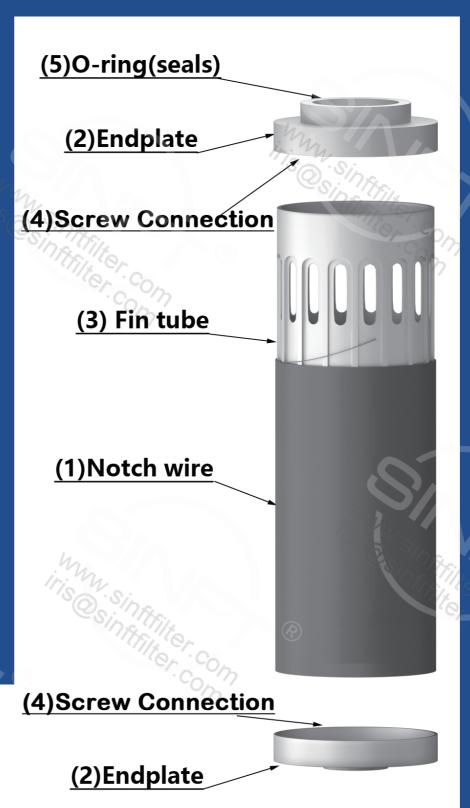
#### **DIVERSE USAGE**

The notch wire element is applicable to high viscosity fluid and the like under any specification conditions, including high temperature and high pressure.









#### 1) Notch wire

The notch wire is made from tightly-coiled stainless steel wire (SUS304).

#### 2) Endplate

The endplates are metal fittings above and below the element that are usually made from zinc-coated steel sheets (SECC). They come in a variety of shapes to match specific uses and filter shapes.

#### 3) Fin tube

The fin tube is an aluminum alloy tube (A6063) where notch wire is wrapped around to form a cylinder.

#### 4) Screw Connection

The screw connection better guarantees the resistance and service life of the filter element.

#### 5) O-ring(seals)

The O-ring is used as a seal between the upper end plate and the filter body.
O-ring and packing use is according to the filter model.

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#### **CLEANING METHOD OF NOTCH-WIRE ELEMENT**

- 1. Taking out unclean Notch-wire element. Things to prepare:
  - ·Container for cleaning
  - ·Cleaning oil (Kerosene etc.)
  - ·Cleaning Sponge·Air nozzle



2. Put the cleaning oil into the container and put the unclean elemen.



3. Wash the element by sponge



4. Then remove the extrameous material by using air nozzle.



5. After Washing.



**CONTRAST** 





#### SIZE LIST

It is constantly being updated, please contact us for the latest information.

OD	Technical diameters	Filtration rating
22.5mm OD	22.5*131.5mm	10 micron
	22.5*131.5mm	50 micron
24mmOD	24*137mm	30 micron
	24*80mm	10 micron
29mm OD	29*121mm	25 micron
29mm OD	29*121mm	50 micron
.00/1	15*29*221mm	10 micron
,	15*29*221mm	25 micron
	15*29*221mm	50 micron
32mm OD	32*187mm	50 micron
	32*187mm	10 micron
	20*32*183mm	50 micron
	32*183.5mm	10 micron
	32*228mm	50 micron
	32*278mm	50 micron
m.	32*287mm	10 micron
D'Sing	32*287mm 32*287mm 32*287mm	50 micron
Marille .	32*287mm	25 micron
Ter con	34*287mm	50 micron
on Singlifer Com	31*182mm	25 micron
	32.5*411mm	50 micron
Material	Stainless Steels 304, 304l, 316, 316land other exotic materials	
Filtration	10um, 20um, 25um, 40um, 50um, 80um, 100um, 150um, 180um,	
	200um and above	

If the above size is not what you need we are constantly updating.....

#### **PART NUMBER**

#### CHANGEABLE NOTCH WIRE ELEMENT

K8E series filter element are used for lubricating oil for main engine and the power generator. K8E allows reduction of running costs through improvement of back washing efficiency.

K8E3/K8E3R	K8E6/K8E6R	K8E7SNHS-40LEX
K8E3VH-W50X	K8E6SNH-W50LX	K8E7SNZS-40LE
K8E3V0-W50	K8E6SNH-S40LE	K8E7SNZ-W50LEX
K8E4/K8E4R	K8E6SNZ-S40LEX	K8E7XH-W50
K8E4RVO-W30X	K8E6SNZ-W50LX	K8E7XY-W50X
K8E4VZ-W50	K8E6SNZ-W50LEXB1/B2	K8E8/K8E8R
K8E4XH-W50X	K8E6SXN0S40LEX	K8E8SNO-S40LEX
K8E4Y-W50X	K8E6VH-W50X	K8E8SOT-S40LEX
K8E5/K8E5R	K8E6X0-W50X	K8E9/K8E9R
K8E5VH-W50X	K8E6Y-W50X	K8E9NOH-W50X
K8E5VZ-W50X	K8E7/K8E7R	K8E10/K8E10R
K8E5XH-W50	K8E7RVH-S40X	K8E10S0-S40LX
K8E5XH-W50X	K8E7RXY-W40X	K8E10VNO-S40LE-X
K8E5XH-W62X	K8E7SN0S-40LEX	K8E101SNO-S40LE-X



K8FE	K8FE22VZ-W10X	K8FE33AY-W50
K8FE1AY-W10X	K8FE22Y-W10/50	K8FE33AY-W50SX
K8FE1YW10	K8FE3	K8FE33RAZSS10S/50X
K8FE11VZSW10/42X	K8FE3AY-W50	K8FE33RLAZSS10LX
K8FE11YW10X	K8FE3RZS-S10	K8FE33VAZS-W10
K8FE11YW50X	K8FE3VAZ-W10LX	K8FE33VAZS-W20/35L
	K8FE3VAZ-W35X	K8FE33VAZS-W35
K8FE2	K8FE3VAZS-W10LX	K8FE33VAZS-W35X
K8FE2VAZS-W50X	K8FE3VAZS-W10SX	K8FE33VAZS-W42/50X
K8FE2Y-W30X	K8FE3VAZS-W20S	K8FE33VAZS-W50
K8FE2VAZS-W10	K8FE3VAZS-W25S	K8FE33VAZS-W50X
K8FE2VAZS-W10X	K8FE3VAZS-W30X	K8FE33VAZST-W10X
K8FE2VY-MIO	K8FE3VAZS-W50	K8FE33VAZST-W30LX
K8FE2VY-W10	K8FE3VZ-W10X	K8FE33VZ-W50X
K8FE2VZ-W10	K8FE3VZ-W10SX	K8FE33VZS-W50X
K8FE2VZ-W10X	K8FE3VZ-W30X	K8FE33VZT-W50SX
K8FE2VZS-W10X	K8FE3VZ-W50	K8FE33Y-W10
K8FE2Y-W10	K8FE3VZS-W10	K8FE33Y-W35X
K8FE2Y-W10X	K8FE3VZS-W10S	K8FE33Y-W50X
K8FE2Y-W30X	K8FE3VZS-W30X	K8FE33Y-W50S
K8FE2Y-W35	K8FE3VZS-W30S	K8FE33VAZ-W10LB1/B2
K8FE22VAZS-W10XB1	K8FE3Y-W10	K8FE33VAZS-W10L
K8FE22VAZS-W10	K8FE3Y-W10X	K8FE33VAZS-W50XB1
K8FE22VAZS-W10X	K8FE3Y-W35	K8FE4
K8FE22VAZS-W10/35	K8FE3Y-W50X	K8FE4S
K8FE22VAZS-W35	KBFE3VAZS-W50	K8FE4VY-W40X
K8FE22VAZS-W50	K8FE3VAZS-W50B1/B2	K8FE4VZ-W10S

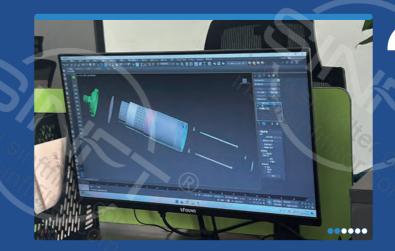


#### WHAT WE'RE ABOUT



#### Clean production environment

The 100,000-class dust-free workshop perfectly meets the production conditions of filter elements and has become the best from the very beginning.



#### Flexible Design & Manufacturing

We listen to your needs and work with you to provide filters element that are right for your specific application.



#### Advanced Media Technology

After being screened by high-quality suppliers, we use the most valuable filter media to serve every filter element and become a reliable factory.



#### Rapid Response

The flexibility in our manufacturing processes along with our extensive inventory of ready-to-ship filter elements allow us to respond to any situation with incredible speed. And in some cases like the event of any emergency or upset situation, we're even able to deliver your exact filter element in days to maximize your uptime and keep your plant running efficiently.



#### The Highest Quality

Engineered, manufactured and tested in our state of the art facilities.

The same quality goes into SINFT filter elements, eliminating any contamination challenge imaginable to provide our customers with the incredible results and peace of mind they deserve.



#### Excellent team

The knowledge and expertise of the Sinft team works alongside you to address your concerns.