Optimal solutions for your success.

Industriefabrik Schneider

Industrial strainers & sieves

www.industriefabrik.com
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Basket strainer
Type SKF

High pressure strainer
Type SKF-H
Basket type strainers or special filters – we manufacture to your specifications.

Basket type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants. They are used in:

- Power stations, water / wastewater resources management, food industry, district heating, tire, rubber, oil, gas and chemical industry.

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.

Optional: differential pressure display, emptying flange, quick lock by eye bolts, variant as Corner strainer 90°

Basket strainer DN400 Type SKF
Stainless steel 1.4571

Basket strainer Type SKF
DN150 with cap-lift- and swivel-unit

Basket strainer with 3-point pedestals
Basket strainer Type SKF

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

» clean liquid, viscous and gaseous media
» protection pipe systems, fittings and industrial systems
» extensive accessories and technical equipment
» easy cleaning of filter elements
» various surface coating and special materials
» welded connections according to DIN EN 12627 / ANSI
» design according to Pressure Equipment Directive 2014/68/EU
» design, mesh size for filter inserts to customer specifications

Standard Type SKF

Body: Steel (blue, RAL5010) / Stainless steel (pickled, passivated)
Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm
Vent socket in the cap, drain socket in the dished end
Temperature range: -10 ... +50 °C

Applications

» wastewater, spray nozzle systems, protection of heat exchangers, food industry, descaling systems, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

N. diameter: DN50 ... DN1200 more on request
N. pressure: PN16 (PN06, PN10) more on request
PN40, PN63 – more on request
Body: Steel P235GH (1.0345) Stainless steel 1.4571
Flange: Steel P250GH (1.0460) Stainless steel 1.4571
Gasket: Graphite-Carrier sheet more on request
Basket: Stainless steel 1.4301
Fine sieve: Stainless steel 1.4401
Temperature: -10 °C ... +50 °C on request -200 °C ... 450 °C
Face-to-face: according to EN 558-1 customer specifications
Mesh size: 0,01 mm ... 10 mm more on request
Optional: Special material (Monell, Hastelloy, Duplex, ...), quick lock, pedestal, supporting bracket, cap-lift- and swivel-unit, mounted valves, heating jacket, various certificates and approvals

Mounted valves for Type SKF

Shut off and regulating media stream:
» ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

Security and monitoring of the media:
» bursting disks, magnet bars, differential pressure display, analogue / digital thermometers

more brand name valves and accessories under:
www.industriefabrik.com
High pressure strainer Type SKF-H

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

» clean liquid, viscous and gaseous media
» protection pipe systems, fittings and industrial systems
» variants for high nominal pressure to PN400
» with tongue and groove in the sealing surface
» vent socket in the cap, drain socket in the dished end
» design according to Pressure Equipment Directive 2014/68/EU

<table>
<thead>
<tr>
<th>N. diameter:</th>
<th>DN50 ... DN500, more on request</th>
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</thead>
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<tr>
<td>N. pressure:</td>
<td>up to PN400 (according DIN EN 1333)</td>
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<tr>
<td>Body:</td>
<td>Steel P235GH (1.0345) / Stainless steel 1.4571</td>
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<tr>
<td>Flange:</td>
<td>Steel P250GH (1.0460) / Stainless steel 1.4571</td>
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<tr>
<td>Gasket:</td>
<td>Cam-profile gaskets, more on request</td>
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<tr>
<td>Basket:</td>
<td>Stainless steel 1.4301</td>
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<tr>
<td>Fine sieve:</td>
<td>Stainless steel 1.4401</td>
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<tr>
<td>Temperature:</td>
<td>-10 °C .. +50 °C; on request -200 °C .. 450 °C</td>
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<tr>
<td>Face-to-face:</td>
<td>according to EN 558-1 / customer specifications</td>
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<tr>
<td>Mesh size:</td>
<td>0.01 mm .. 10 mm, more on request</td>
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<tr>
<td>Optional:</td>
<td>Special material, quick lock, pedestal, supporting bracket, cap-lift- and swivel-unit, mounted valves, heating jacket, various certificates and approvals</td>
</tr>
</tbody>
</table>

High pressure strainer Type SKF-H, Steel, PN100

Basket strainer DN500 in special length

Basket strainer DN700 for district heating

Basket strainer 16” / 4” acc. ANSI 150 RF

SKF DN50
Duplex steel 1.4462

SKF in special construction
Simplex strainer
Type EF

Tank truck filter
Type TWF
Simplex strainers – versatile industrial strainers.

Simplex type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants. Simplex type strainers are widespread and versatile industrial filters. They are used in:

**Power stations, water / wastewater resources management, food industry, district heating, tire, rubber, oil, gas and chemical industry.**

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.
Simplex strainer Type EF

**welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01**

- clean liquid, viscous and gaseous media
- protection pipe systems, fittings and industrial systems
- extensive accessories and technical equipment
- easy cleaning of filter elements
- various surface coating and special materials
- welded connections according to DIN EN 12627 / ANSI
- design according to Pressure Equipment Directive 2014/68/EU
- design, mesh size for filter inserts to customer specifications

**Standard Type EF**

| **Body:** Steel (blue, RAL5010) / Stainless steel (pickled, passivated) |  |
| **Basket:** Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm |  |
| **Flange:** Steel P235GH (1.0345) | Stainless steel 1.4571 |
| **Gasket:** Graphite-Carrier sheet | more on request |
| **Temperature:** -10 °C ... +50 °C |  |

**Applications**

- wastewater, spray nozzle systems, protection of heat exchangers, food industry, descaling systems, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

| **N. diameter:** | DN50 ... DN500 | more on request |
| **N. pressure:** | PN16 (PN06, PN10) | PN40, PN63 – more on request |
| **Body:** | Steel P235GH (1.0345) | Stainless steel 1.4571 |
| **Basket:** | Stainless steel (1.4301) |  |
| **Vent socket in the cap,** | | |
| **drain socket in the dished end** |  |
| **Temperature range:** | -10 °C ... +50 °C | on request -200 °C ... 450 °C |

**Mounted valves for Type EF**

**Shut off and regulating media stream:**

- ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

**Security and monitoring of the media:**

- bursting disks, magnet bars, differential pressure display, analogue / digital thermometers

more brand name valves and accessories under: www.industriefabrik.com
Tank truck filter Type TWF

welded design, filter element standing curved, dairy pipe connection according DIN 11851

» filtration of coarse components from the media stream
» protection of pipelines, storage tanks and pumps
» corrosion resistant by stainless steel components
» time savings through body quick lock by eye bolts
» filter change without tools
» drain plug on bottom

N. diameter: main pipe DN200
N. pressure: 2 bar; more on request
Connection: DN100, 130 mm × 1/4" acc. DIN 11851, Stainless steel
Body: Stainless steel 1.4571
Filter element: Stainless steel 1.4301
Mesh size: 10 mm, square perforation Qg 10-15; more on request
Temperature: -10 °C ... +50 °C; more on request
Face-to-face: Ø = 300 mm, H = 524 mm; customer specifications
Volume: approx. 16 l
Optional: ball valves for quick venting and emptying, pedestal, quick couplings

Simplex type strainer
Stainless steel, DN200, variant with outlet in the bottom, prefilter for coarse ingredients

Tank truck filter Type TWF
Variant with 3-point pedestals and ball valve emptying, connection pipe with quick coupling

Simplex type strainer
Steel, DN80, oil filter for waste oil, welding ends, quick lock
Duplex strainer
Type DF
Duplex type strainers – uninterrupted production process.

Duplex type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants.

The cleaning of the sieve inserts can be done during production. By manual or automatic switching of the filter unit does not interrupt the production process.

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.
**Duplex strainer Type DF – Butterfly valves**

**welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01**

- clean liquid, viscous and gaseous media
- protection pipe systems, fittings and industrial systems
- butterfly valves for uninterrupted production process by manual switchable filter unit
- easy cleaning of filter elements
- extensive accessories and technical equipment
- welded connections according to DIN EN 12627 / ANSI
- various surface coating and special materials
- design, mesh size for filter inserts to customer specifications
- design according to Pressure Equipment Directive 2014/68/EU

**Standard Butterfly valves**

- Body: Steel (blue, RAL5010) / Stainless steel (pickled, passivated)
- Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm
- Vent socket in the cap, drain socket in the dished end
- Manual switching unit with 4 butterfly valves
- Angle stand with mounting holes

**Duplex strainer Type DF – Ball valves**

**welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01**

- clean liquid, viscous and gaseous media
- protection pipe systems, fittings and industrial systems
- 2-way ball valves for uninterrupted production process by manual switchable filter unit
- variants with 3-way ball valves for compact design
- extensive accessories and technical equipment
- easy cleaning of filter elements
- welded connections according to DIN EN 12627 / ANSI
- various surface coating and special materials
- design, mesh size for filter inserts to customer specifications
- design according to Pressure Equipment Directive 2014/68/EU

**Standard Ball valves**

- Body: Steel (blue, RAL5010) / Stainless steel (pickled, passivated)
- Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm
- Vent socket in the cap, drain socket in the dished end
- Manual switching unit with 4 2-way or 2 3-way ball valves
- Angle stand with mounting holes
Duplex strainer Type DF – Automated

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

» clean liquid, viscous and gaseous media
» protection pipe systems, fittings and industrial systems
» pneumatic rotary actuator with butterfly valves for uninterrupted production process by automated switchable filter unit
» analogue / digital differential pressure displays and thermometers for automated control and regulation of filtration processes
» welded connections according DIN EN 12627 / ANSI
» design according to Pressure Equipment Directive 2014/68/EU

Applications

» filtration of media in automated production processes, wastewater, protection of heat exchangers, food industry, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

N. diameter: DN50 ... DN150
N. pressure: PN16 (PN06, PN10) – PN40, PN63 – more on request
Body: Steel P235GH (1.0345) – Stainless steel 1.4571
Flange: Steel P250GH (1.0460) – Stainless steel 1.4571
Gasket: Graphite-Carrier sheet – more on request
Basket: Stainless steel 1.4301
Fine sieve: Stainless steel 1.4401
Temperature: -10 °C ... +50 °C – on request -200 °C ... 450 °C
Face-to-face: according to EN 558-1 – customer specifications
Mesh size: 0.01 mm ... 10 mm – more on request
Optional: Special material (Monell, Hastelloy, Duplex, ...), quick lock, supporting bracket, cap-lift- and swivel-unit, 3-point pedestals, mounted valves, heating jacket, various certificates and approvals

Mounted valves for Type DF

Shut off and regulating media stream:
» ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

Security and monitoring of the media:
» bursting disks, magnet bars, differential pressure display, analogue / digital thermometers

more brand name valves and accessories under:
www.industriefabrik.com
Pot type strainer
Type PSA / PSB
**Pot type strainers made of stainless steel – a cost effective alternative.**

Pot type strainers are a cost-efficient alternative to the traditional strainers. They are also available in small mesh sizes (from DN15) and can be directly integrated into the pipeline systems. Potholders are made entirely of stainless steel, are resistant to the corrosion and are suitable for aggressive media. The standard version consists of a deep-drawn stainless steel housing and has a vent socket in the lid, drain socket in the dished end.

Pot type strainers Type PSA do **not need a tool for changing the sieve inserts**. A clamp connection with a wing nut according to the DIN 32676 closes the housing up to the pressure stage PN10.

Pot type strainers Type PSB have a **quick-release housing** (clamp ring with 2 screws) and can be used up to the pressure level PN16.
Pot type strainer Type PSA / PSB

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 B

» clean liquid and gaseous media
» resistant to corrosion by stainless steel components
» easy cleaning and maintenance
» compact design and low weight
» mounting position standing or hanging
» design according to Pressure Equipment Directive 2014/68/EU
» mesh size for filter elements individually according to customers

Standard Type PSA

<table>
<thead>
<tr>
<th>Body:</th>
<th>Stainless steel (pickled, passivated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basket:</td>
<td>Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 0,5 mm</td>
</tr>
<tr>
<td>Aseptic clamp connection with wing nut according DIN 32676</td>
<td></td>
</tr>
<tr>
<td>Vent socket in the cap, drain socket in the dished end</td>
<td></td>
</tr>
</tbody>
</table>

Standard Type PSB

<table>
<thead>
<tr>
<th>Body:</th>
<th>Stainless steel (pickled, passivated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basket:</td>
<td>Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 0,5 mm</td>
</tr>
<tr>
<td>Body quick lock (clamp ring with 2 screws)</td>
<td></td>
</tr>
<tr>
<td>Vent socket in the cap, drain socket in the dished end</td>
<td></td>
</tr>
</tbody>
</table>

Applications

» protection fittings and industrial systems, filtration processes with aggressive media, for direct integration into pipe systems, time savings for filter cleaning by body quick lock, lowcost alternative even in small nominal sizes

N. diameter: DN15 ... DN100
N. pressure: Type PSA: PN10, Type PSB: PN16
Body: Type PSA: Stainless steel 1.4404, Type PSB: Stainless steel 1.4404, deep draw
Flange: Stainless steel 1.4571
Gasket: EPDM more on request
Basket: Stainless steel 1.4301 screwed
Fine sieve: Stainless steel 1.4401
Temperature: -30 ... 150 °C, depending on pressure / media
Face-to-face: according EN 558 special size possible
Mesh size: 0,02 mm ... 10 mm more on request
Optional: Butt weld ends according to DIN EN ISO 1127, External thread according to DIN EN 10226-1 / DIN EN ISO 228-1, ANSI-flange CL150 according to ASME B16.5, NPT-screwed sockets according to ASME B16.11

Mounted valves for Type PSA / PSB

Shut off and monitoring media stream:
» ball valves for quick venting and emptying, differential pressure display, analogue / digital thermometer
more brand name valves and accessories under: www.industriefabrik.com
from our portfolio:

Heating jackets for industrial valves

» Basket strainers
» Simplex strainer
» Y-type strainers
» T-type strainers

» Stop valves
» Control valves
» Angle seat valves
» Regulating valves

» 2-, 3-way ball valves
» 2-, 3-piece ball valves
» Automated ball valves
T-type strainer
Type TF

Y-type strainer
Type YF
**T-type strainers – direct integration in piping systems.**

T-type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They serve to protect downstream plant components such as fittings, pumps, storage tanks and pipelines. This design allows them to be integrated directly into piping systems. A cover pivot mechanism with hinge facilitates the removal of the mesh plate for cleaning and maintenance work.

The Industriefabrik Schneider GmhH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.
T-type strainer Type TF

welded design, mesh plate with fine sieve,
standard with flange according DIN EN 1092-1 / 01

» clean liquid, viscous and gaseous media
» collision protection or permanent protection of pipes, pumps and valves
» easy removal and cleaning of the mesh plate
» design for vertical and horizontal position of installation
» welded connections according DIN EN 12627 / ANSI
» design according to Pressure Equipment Directive 2014/68/EU
» various surface coatings and special materials
» design, mesh size for filter inserts / mesh plate to customer specifications

Standard Type TF

Body: Steel (blue, RAL5010) / Stainless steel (pickled, passivated)
Filter element: Mesh plate stainless steel with round perforation, Mesh size 2 mm
Vent socket / vent flange in the case cover
Cover with handles

Applications

» water / waste water, irrigation systems, paper industry, protection of industrial plants, raw oil filtration, lube oil systems,
by construction T-shaped direct integration into pipeline systems, etc.

| N. diameter: | DN100 ... DN1000 | more on request |
| N. pressure:  | up to 600 lbs      | more on request |
| Body:         | Steel P235GH (1.0345); Stainless steel 1.4571 |
| Filter element: | Stainless steel 1.4404, mesh size 1 ... 10 mm |
| Temperature:  | -10 °C ... 400 °C   |
| Face-to-face: | according EN 558-1   | customer specifications |
| Optional:     | cover pivot mechanism with hinge, handles, body quick look, differential pressure display, analogue / digital thermometer, heating jacket, welded connections, different designs |

T-type strainer Type TF

DN350, differential pressure display
Y-strainer Type YF

in different versions and variants,
basket with fine sieve

» clean liquid, viscous and gaseous media
» protection of pipes, pressure vessels, pumps and valves
» design according to Pressure Equipment Directive 2014/68/EU

| N. diameter: | DN10 ... DN500, more on request |
| Body: | Steel / Stainless steel / Cast iron, more on request |
| Connections: | Flange / Welding ends / Thread |
| Basket: | Stainless steel |
| Face-to-face: | according EN 558, EN12982, special length |
| Mesh size: | 0,01 mm ... 10 mm, more on request |
| Optional: | differential pressure gauge, heating jacket, drain / vent plug, butt weld ends, different sizes |

Modifikations Y-strainers

» construct and replacement of filter inserts
» changing of seals (also of third-party suppliers)
» installation of differential pressure gauge, venting, emptying, custom fittings connections

numerous Y-strainers renowned manufacturers at the shop under: order.industriefabrik.com

from our portfolio

Automated valves
and accessories for Actuators

» Couplings
» Mounting brackets
» Special adapters
» Spindle extensions

» Butterfly valves
» Ball valves
» Shut-off valves
with electrical or pneumatic actuator
Hat screen
Type H
Plug-in sieve
Type S
Filter inserts
Type A / B
Hat screen Type H

welded design, to install between standard flanges according to DIN EN 1092-1 Form B1 / ANSI B 16.5, Stainless steel

- clean liquid, viscous and gaseous media
- temporary protection during commissioning of industrial plants
- permanent protection downstream valves and pipes
- long life time and low pressure loss
- incident flow from inside to outside
- customized overall length and mesh size

Technical specifications Type H

<table>
<thead>
<tr>
<th>N. diameter:</th>
<th>DN25 ... DN300; more on request</th>
</tr>
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<tbody>
<tr>
<td>N. pressure:</td>
<td>PN10 ... PN40</td>
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<tr>
<td>Sieve ring:</td>
<td>Stainless steel 1.4571, S = 3 mm</td>
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<tr>
<td>Perforated sheets 1.4571:</td>
<td>DN025 ... DN125: perforation Rv 5/8 × 1</td>
</tr>
<tr>
<td>Wire mesh 1.4401:</td>
<td>DN025 ... DN125: mesh size 1,0 mm</td>
</tr>
</tbody>
</table>

| Optional: | incident flow from outside to inside, individual design / perforated sheets, material thickness |

![Incident flow from inside to outside](image1) ![Incident flow from outside to inside](image2)

<table>
<thead>
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</tbody>
</table>
Plug-in sieve Type S

welded design, to install between standard flanges according to DIN EN 1092-1 Form B1 / ANSI B 16.5, Stainless steel

» clean liquid, viscous and gaseous media
» temporary protection during commissioning of industrial plants
» permanent protection downstream valves and pipes
» long life time and low pressure loss
» due to the thin construction depth faster installation, expansion and cleaning
» for horizontal and vertical mounting position

Technical specifications Type S

<table>
<thead>
<tr>
<th>N. diameter:</th>
<th>DN25 ... DN300; more on request</th>
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<tbody>
<tr>
<td>N. pressure:</td>
<td>PN10 ... PN40</td>
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<tr>
<td>Sieve ring:</td>
<td>Stainless steel 1.4571; S = 3 mm</td>
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<tr>
<td>Wire mesh:</td>
<td>Stainless steel 1.4301; internally, mesh size 1 mm</td>
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<tr>
<td>Optional:</td>
<td>individual design / perforated sheets, different material thickness</td>
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<td>398</td>
<td>415</td>
</tr>
</tbody>
</table>
**Filter inserts Type A / B**

welded design, replacement screens for basket / simplex / duplex strainers, with O-ring-gasket (A) oder clamps / handle (B)

» clean liquid, viscous and gaseous media
» temporary or permanent protection of valves or industrial systems
» long life time and low pressure loss
» high differential pressure resistance
» pleated sieve inserts
» design, perforation and mesh size individually according to customer requirements

<table>
<thead>
<tr>
<th>N. diameter:</th>
<th>DN25 ... DN500; more on request</th>
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<tbody>
<tr>
<td>Perforated sheets:</td>
<td>Stainless steel 1.4301 / 1.4571; more on request</td>
</tr>
<tr>
<td>Wire mesh:</td>
<td>Stainless steel 1.4401; mesh size up to 20 µm</td>
</tr>
<tr>
<td>Optional:</td>
<td>magnetic bars, individual design, perforated sheets</td>
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</tbody>
</table>

**Filter inserts for Y-strainers**

Replacement screens / Modifikations of Y-strainers

» construct and replacement of filter inserts
» changing of seals (also of third-party suppliers)
» installation of differential pressure gauge, venting / emptying
» perforation and mesh size individually according to customer requirements
custom made Industrial filters & sieves for

» industrial plants for the chemical, oil and gas industry

» food areas

» filtration systems

» washing facilities

» water management

Variants of filter inserts

Variants of perforated sheets

Perforated sheets (l4)
Perforated sheets with fine sieve (l2)
Basket (Qg 12-10) with fine sieve (l1)
Wire mesh with support ring (l5)
more from our production areas

**Industrial plants & Pressure vessels**

- Modular process skids
  - Steam packages for the tire industry
  - Compressor units for industrial systems
  - Pumping stations for water management
  - Dosing systems for the chemical industry
  - Valve skid units for the oil and gas industry

- Vessels & Tanks
  - High pressure vessel
  - Dry and wet separators
  - Heat exchangers, oil coolers
  - Buffer tanks for gasoline, chemicals
  - Storage containers for oil, gas, water
  - Pulsation dampers, melting tanks, …

more from our filter productions

**Industrial strainers & Special filters**

- Tubular filters
- Gap type filters
- Pot type strainers
- Tee type strainers
- Simplex, duplex strainers
- High pressure strainers
- Industrial sieves, …

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