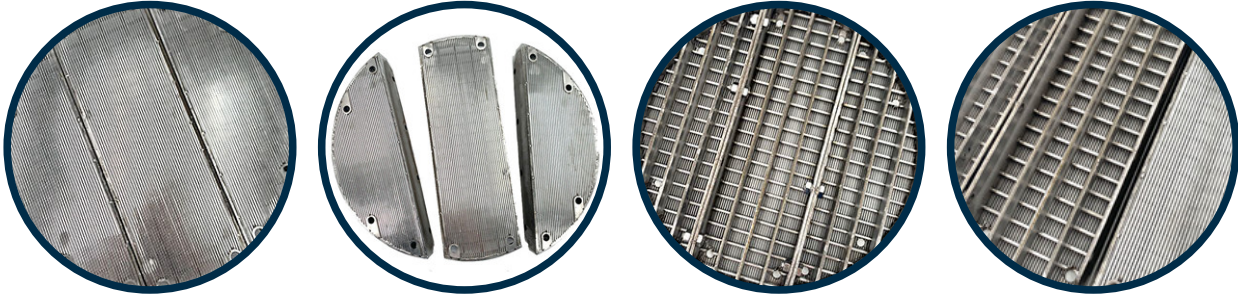


## SUPPORT GRID

## Customized



Flat Support grids are available in single one piece construction. Typical Designs are fabricated in sections to allow installation through a mainway. Sections are fitted with flange support frames. During installation the sections will be laid flat on an existing vessel support structure. Sections will be bolted together creating a single complete support grid. With each application loading requirements change. Support grids are available with many different wire configurations to achieve the most demanding loads. Additional supports are often utilized to accommodate extreme load conditions.

**Materials:** SS 304, SS 304L, SS 316, SS 316L, SS 321, Duplex, Hastelloy, etc.

**Diameter Range :** 200 mm to 2500 mm (Customized)

**Slot Size:** 0.5 mm, 0.6 mm, 0.7 mm, 0.8 mm, 1.0 mm, customized

**Vee Wire:** 1 × 2 mm, 2 × 3 mm, 3 × 5 mm, 4 × 7 mm and so on.

**Support rod:** 2 × 3 mm, 3 × 5 mm, 4 × 7 mm and so on.

**Sections & Shape:** Integral, 2 PCS, 3 PCS, 4 PCS, 6 PCS, 8 PCS, customized.

### **Benefit:**

Not prone to media blockage or intrusion, offering good self-support

Suitable for environments with internal and external pressure differences, easy to clean clogged materials

Smooth surface providing a high open area

In low flow or medium gas flow applications, the support grid can also serve as a compression grate

Easy to disassemble, can be installed through maintenance holes

Exceptional resistance to collapsing and buckling

### **Application:**

Catalyst bed support grid for petrochemical and refining industries

Wedge wire false bottom used in beer brewing

Reactor internals for carbon filters

Hydrogenation reactors

Desulfurization reactors

Mash tuns in the brewing industry