

Wedge Wire Screen Nozzle for Liquid/Solid Separation

This screen nozzle is designed for liquid/solid or gas/solid separation, as well as media retention. It is constructed with a wedge wire element in a slot tube design, closed on one side and featuring a threaded fitting on the other.



Product Overview

Industrial Filtration Solution

These wedge wire screen nozzles are designed for high-efficiency liquid/solid or gas/solid separation processes. Featuring a robust slot tube construction, they are engineered for optimal flow distribution and media retention, such as sand, catalysts, or resin. The nozzles are typically mounted on support plates within vessels, providing reliable performance in down-flow reactor applications.

Technical Specifications

Standard Diameter	50 mm
Flow Direction	Out to in (FOTI)
Construction	Wedge wire slot tube with threaded fitting

Applications

Primary Applications

- Liquid/solid separation
- Gas/solid separation
- Media retention (sand, catalyst, resin)
- Down-flow reactors

Key Features	Minimal pressure drop, Customizable distribution, High durability, Optimized flow
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