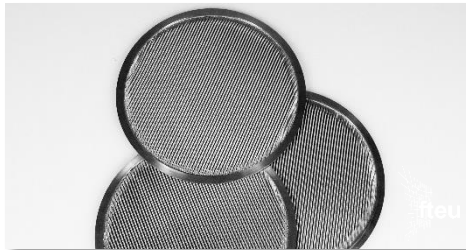
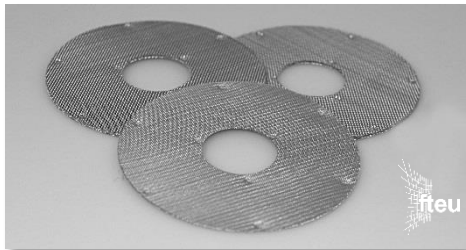


# Product presentation

## fteu® precision round screens



### Optimized filtration and dispersion

- **Types:** various shapes (round-, oval-, ring-shape) and types (welded, framed) available
- **Dimensions:** screens of various shape with diameter from 6mm up to 500mm
- **Material:** stainless steel metal mesh; aluminum frame

### Excellence in function

- **Filtration:** defined filtration fineness between 500µm and 1µm for each layer
- **Flow:** media of wire mesh (6 different weaving structures available) and/or metal fibre felt for optimized flow and dirt hold characteristics
- **Standard fit:** accuracy of  $\pm 0.3\text{mm}$
- **Seamless fit:** accuracy of  $\pm 0.07\text{mm}$  for optimized flow characteristics
- **Engineering:** customized design and fluid-based layer configuration for optimal filtration and dispersion
- **fteu® MicroPleats:** exploitation of filtration, flow, and pressure parameters with fteu® MicroPleats for up to triple the surface area

### Efficient production

- **Production:** state-of-the art technology for accurate manufacturing with and without tooling (i.e. plasma cutting) out of plants in Germany and China

Precision  
Technology

### Contact us today

Contact us:  
fteu® - Technical Sales  
verkauf@fteu.de  
+49 (0)2452 9760 60



Available in standard specs.  
(i.e. Nordson Kreyenborg)



Available as customized  
engineered elements



Available as  
series product

Fluid  
Filtration

Fluid  
Dispersion

Precision  
Assembly

Sound  
Absorption

Heat  
Absorption

Better Function in Metal Mesh

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# Precision overview

## fteu® precision round screens



Dimension [mm]	Type	Tolerance [mm]	Procedure	Unit cost	Tool cost
up to Ø120	fteu®-Standard fit	±0,3	Stamping	low	low
			Plasma-cutting	medium	-
	fteu®-Tailor fit	±0,2	Fine stamping	medium	medium
			Fine plasma-cutting	high	low
fteu®-Seamless fit	±0,07	Precision stamping	high	high	
Ø120-Ø300	fteu®-Standard fit	±0,5	Stamping	low	low
			Plasma-cutting	medium	-
	fteu®-Tailor fit	±0,3	Fine stamping	medium	medium
			Fine plasma-cutting	high	low
fteu®-Seamless fit	±0,15	Precision stamping	high	high	
Ø300-Ø500	fteu®-Standard fit	±0,5	Plasma-cutting	low	-
	fteu®-Tailor fit	±0,3	Fine plasma-cutting (max. 400)	medium	low

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Fluid  
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Dispersion

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Better Function in Metal Mesh

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