Separator Element
60-TYPE

QUALIFIED TO SPECIFICATION EI 1581 7TH EDITION, CATEGORY C

Separator elements are used as the second stage of a high-performance separation in filter/water separators. After emergence from the coalescer, aviation fuels pass through the pores of the separator element while water droplets are repelled by the hydrophobic separator surface. Water droplets settle into the filter/water separator sump to be drained off.
FAUDI Aviation 60-Type separator elements are available with a Teflon®-coated screen or synthetic mesh. Separator elements with a Teflon®-coated screen can be reused after a cleaning during coalescer element changeouts. Small areas of damage can be temporarily repaired. It is recommended that separator elements with a synthetic mesh are replaced during coalescer changeouts.

APPLICATION AREA

- Mobile and stationary refuelling equipment
- Tank farms
- Ships and loading terminals
- Refineries

TECHNICAL DATA

- Flow direction: Out-to-in
- Service time (max.): 10 years[1)3)] / 3 years[2) 3)]
- Storage time (max.): 5 years[4)]
- Operating temperature: Min. -30°C (-22°F) / Max. 80°C (176°F)

[1)] Separator with a Teflon® coated screen
[2)] Separator with synthetic mesh
[3)] Manufacturer recommendation
[4)] Manufacturer recommendation: 20°C and max. 50% humidity after date of shipment out of stock of FAUDI Aviation GmbH

STANDARD DESIGN

- Outside diameter: See page 2
- Center tube: Epoxy-coated steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, glass fibre reinforced / Epoxy-coated steel
- Labeling on end caps: According to EI specification

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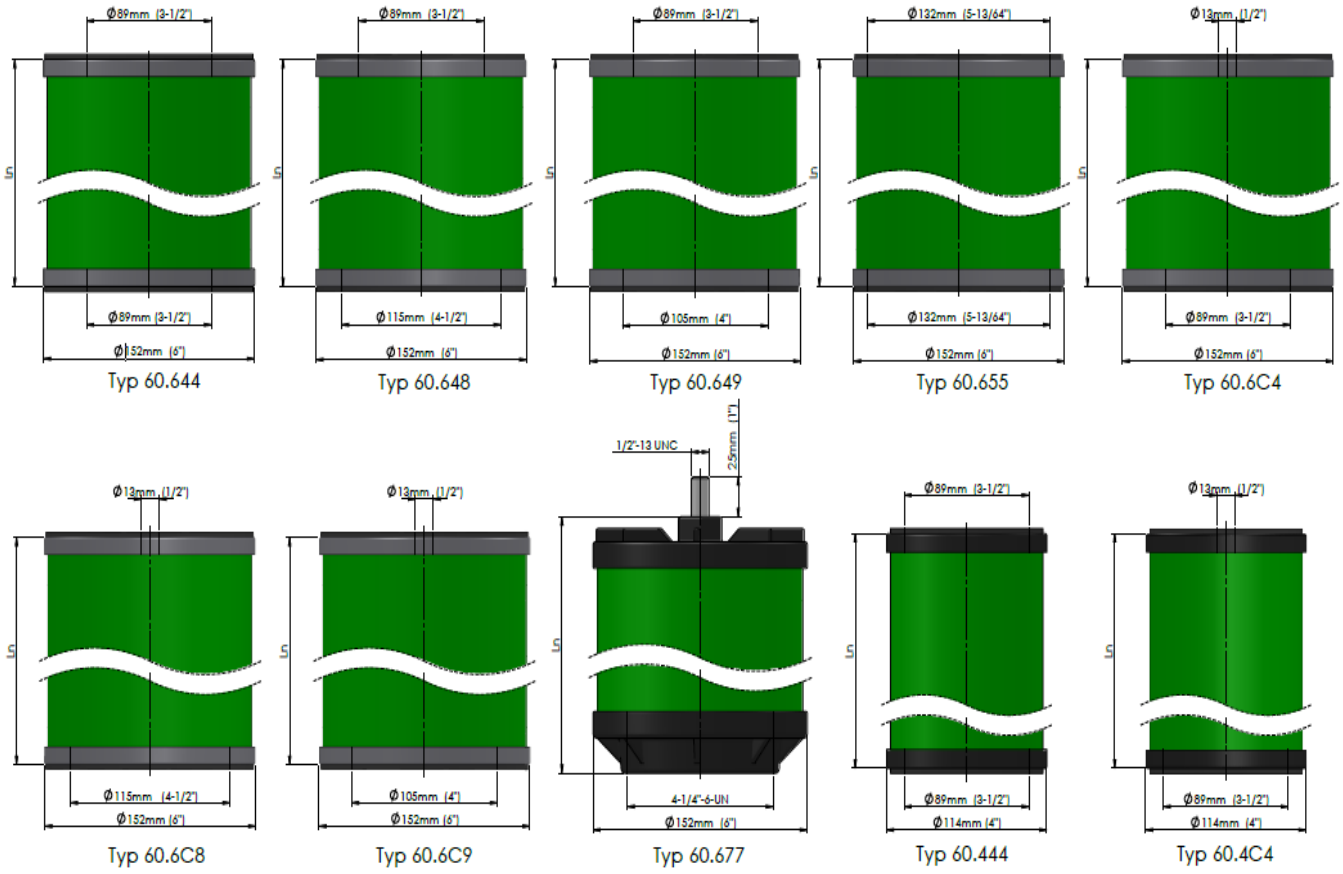
ELEMENT CODE

60.644-565-D

- Element Type
- Outside Diameter
- End Cap Design Top
- End Cap Design Bottom
- Separator Screen
- Nominal Length in mm



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ELEMENT SELECTION

Type	Outside Diameter		End Cap Design Top		End Cap Design Bottom		Separator Screen	
60.	3	Ø 78 mm (3″)	4	Inner Ø 89 mm	1	Inner Ø 50 mm	D	Teflon® coated stainless steel screen
60.	4	Ø 144 mm (4″)	5	Inner Ø 132 mm	3	Inner Ø 40,5 mm	P	Synthetic mesh
60.	6	Ø 152 mm (6″)	7	Closed (with tread bolt 1/2″ UNC)	4	Inner Ø 89 mm	DV	Teflon® coated stainless steel screen, variable hole pattern
			C	Closed (with 13 mm hole)	5	Inner Ø 132 mm		
					7	Screw / thread bolt		
					8	Inner Ø 115 mm		
					9	Inner Ø 105 mm		

Nominal Length L in mm[1]								
179	235	279	300	362	407	430	526	565
600	626	700	727	754	756	820	842	900
965	1012	1093	1130	1188	1204	1226	1244	1290
1422								

1) The table is for illustrative purposes. These and other lengths are available. Please inquire.

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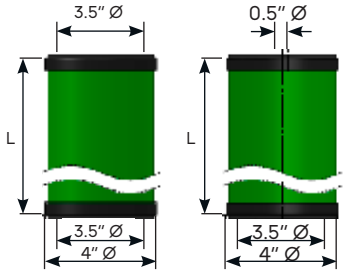
ELEMENT CODE USA

ASP-644-TB

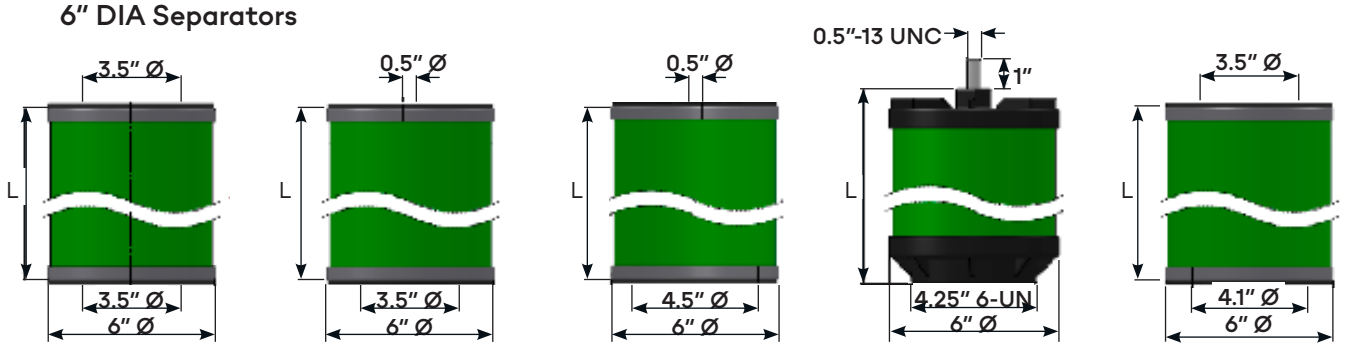
- Element Type: Aviation Separator Qualified to EI 1587 7th Edition
- PTFE Coated Stainless Steel Screen
- Special Configuration Default Blank
- Nominal Length in inches
- Overall Diameter in inches

4" DIA Separators



Standard Type C

6" DIA Separators



Standard Type C Type J Type TB Type H

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ELEMENT SELECTION USA

Available diameters (in)	Available lengths (in)	Separator Screen/Special Configuration	
4,6	9 14 22 24 29 30 33 36 38 40 44 46 48	Standard	Open both side ID: 3.5 in
		03	Variable holes core
		C	Top: Closed (w/ 0.5" UNC bolt hole) Bottom: ID: 3.5 in
		TB[4)]	Threaded Base Top: Closed (w/ thread bolt 0.5" UNC) Bottom: 4.25"-6-UN
		J	Top: Closed (w/ 0.5" UNC bolt hole) Bottom: ID: 4.5 in
		H	Top: ID: 3.5 in Bottom: ID: 4.1 in

[4)] Not available for 4" DIA separators.
Other lengths and configurations available upon request.

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