

## Separator element Type 60...

The fuel flows from the coalescer element and enters the separator element from outside to inside. The separator element is manufactured from hydrophobic material and is designed to repel small water droplet that may be carried over from the coalescer element. These small water droplets are retained on the separator element surface until they combine with other droplets and become large enough to fall under gravity into the water collection sump.



SEPARATOR ELEMENT

### Standard design

Permanent Reusable (Version /D <sup>1&amp;2</sup> )	
Effective water barrier	
Tested and approved to spec.	EI 1581, 5th. Edition Category C, Type S & S-LW EI 1581, 3rd. Edition Group II Class A, B and C
Material of end caps	Polyamid/reinforced glass fibre
Labeling of end caps	acc. to EI specification (date of manufacturing, ID-number, etc.)
Admissible operating temperature	-30°C - +80°C
Flow direction	out to in
Separator screen	/D = Teflon® coated stainless steel mesh /P = Treated fine screen synthetic mesh
Seals	NBR (Perbunan)

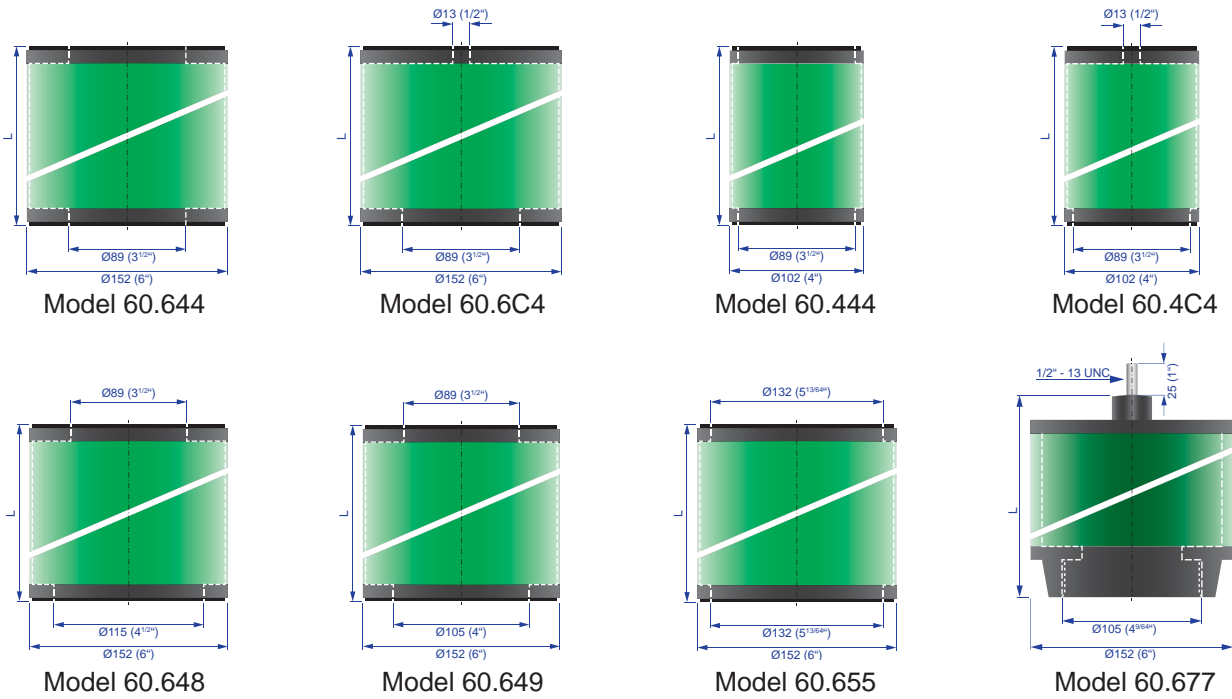
<sup>1</sup> Depending regular cleaning and inspection on each replacement of 1st stage elements!  
Please see our datasheet „handling separators“ for further information.

<sup>2</sup> Small defects on the screen could repair with our Separator Repair Kit. Please see datasheet „DS-Z-15.1 for further information.

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## Separator element Type 60...



Sample of marking:

**60.644-565/D**

- Type
  - 60 for aviation fuels
- Durchmesser
  - 4 Outer Ø 4" (100 mm)
  - 6 Outer Ø 6" (152 mm)
- End cap top (marked)
  - 3 Inner Ø 40,5 mm
  - 4 Inner Ø 89 mm
  - 5 Inner Ø 132 mm
  - 7 closed with bolt 1/2" UNC
  - C closed with hole Ø 13 mm

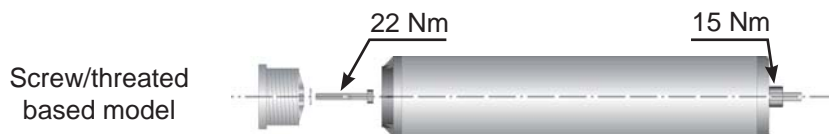
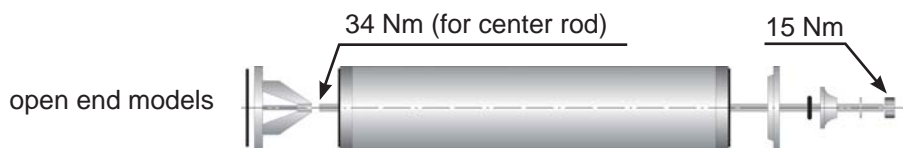
- Additions
  - D teflonized stainless steel mesh
  - P Synthetic mesh (plastic)

Length L in mm

179	235	279	300	362	407	430	526	565
600	626	700	727	756	820	842	900	965
1012	1093	1130	1204	1226	1244	1422		

- End cap bottom
  - 3 Inner Ø 40,5 mm
  - 4 Inner Ø 89 mm
  - 5 Inner Ø 132 mm
  - 7 Screw thread
  - 8 Inner Ø 115 mm
  - 9 Inner Ø 105 mm

### Torques



Conversion table			
ft/lbs	inch/lbs	kg/m	Nm
11	128	1,50	15
16	193	2,25	22
25	300	3,50	34

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# Separator Element Type 60... (MIL)

The fuel flows from the coalescer element and enters the separator element from outside to inside. The separator element is manufactured with hydrophobic material and is designed to repel small water droplet that may be carried over from the coalescer element. These small water droplets are retained on the separator element surface until they combine with other droplets and become large enough to fall under gravity into the water collection sump.



SEPARATOR ELEMENTS

## Standard Design

Permanent Reusable <sup>1&amp;2</sup>	
Effective water barrier	
Tested and approved to spec.	EI 1581, 5th. Edition Category M, Type S
Material of end caps	Polyamid/reinforced glass fibre
Labeling of end caps	acc. to EI specification (date of manufacturing, ID-number, etc.)
Admissible operating temperature	-30°C - +80°C
Flow direction	out to in
Separator screen	Teflon® coated stainless steel mesh
Seals	NBR (Perbunan)

<sup>1</sup> Depending regular cleaning and inspection on each replacement of 1st stage elements!  
Please see our datasheet „handling separators“ for further information.

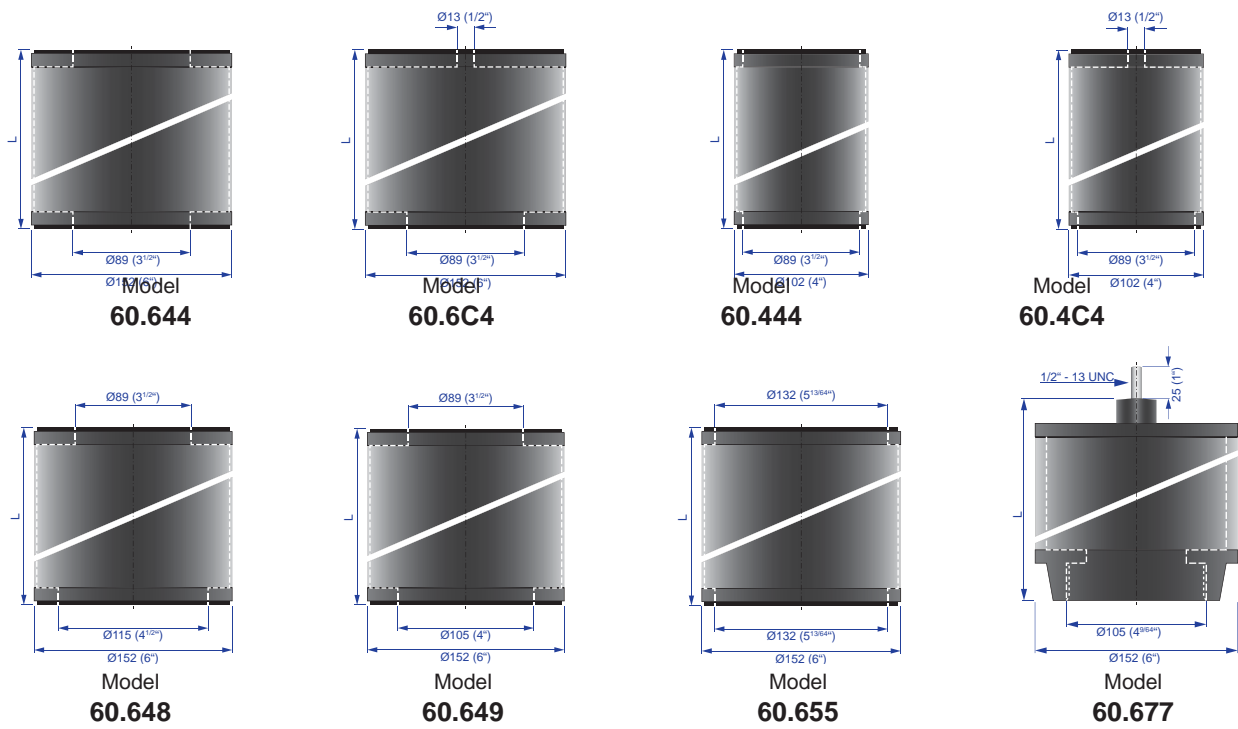
<sup>2</sup> Small defects on the screen could repair with our Separator Repair Kit. Please see datasheet „DS-Z-15.1 for further information.

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# Separator Element Type 60... (MIL)

## Sample of Marking



Article description: **60.644-565/DM**

Typ \_\_\_\_\_  
 60 for aviation fuels

Durchmesser \_\_\_\_\_  
 4 Outer Ø 4" (100 mm)  
 6 Outer Ø 6" (152 mm)

End cap top (marked) \_\_\_\_\_  
 3 Inner Ø 40,5 mm  
 4 Inner Ø 89 mm  
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 7 closed with bolt 1/2" UNC  
 C closed with hole Ø 13 mm

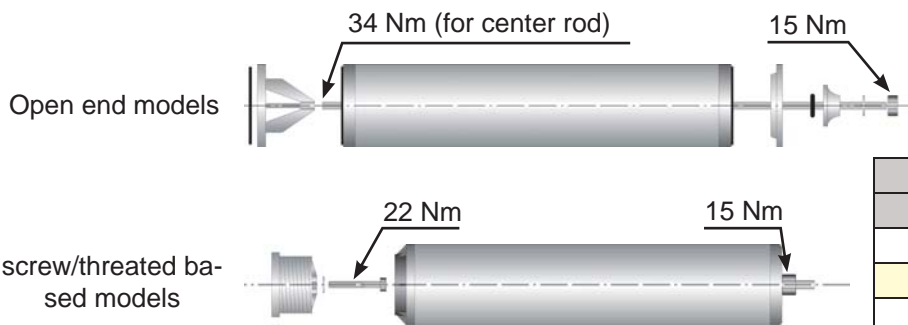
Additions \_\_\_\_\_  
 M for military applications

Length L in mm \_\_\_\_\_

179	235	279	300	362	407	430	526	565
600	626	700	727	756	820	842	900	965
1012	1093	1130	1204	1226	1244	1422		

End cap bottom \_\_\_\_\_  
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