Identification
The nozzle is marked with the following information:

<table>
<thead>
<tr>
<th>OFTEC-specification</th>
<th>Specified capacity (kg/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.80</td>
<td>OFTEC Kerosene certification</td>
</tr>
<tr>
<td>OK</td>
<td>Serial number for internal use</td>
</tr>
<tr>
<td>0.60</td>
<td>Reference capacity (USgal/h)</td>
</tr>
</tbody>
</table>

Reference specification point:
- 700 kPa (7 bar), 3.4 cSt., 820 kg/m³

60° ES Spray angle & pattern
- (EH = Hollow)
- (ES = Solid)

Oil nozzles type EH and ES are designed for domestic high-pressure oil burners operating with kerosene. They are available with 2 different spray angles and sizes from 0.4 to 1.10 USgal/h.

The nozzles are equipped with sintered bronze filters.

Our existing oil nozzles e.g. 60°S and 80°H can directly be replaced by our new 60°ES – 80°EH.

Application and Features
- Kerosene
- OFTEC certification (OFS E100)
- 100% test of capacity and performance

Design

Sizes 0.40-0.60 USgal/h with O-ring sealing

Sizes 0.65-1.10 USgal/h with bottom screw

Spray angles

Spray patterns

The kerosene nozzle series meets the requirements of the OFTEC kerosene nozzle standard OFS E100

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Technical Data

Filters

Capacity 0.40-0.85 USgal/h:
45 μm sintered bronze

Capacity 1.00-1.10 USgal/h:
75 μm sintered bronze

Spray angles/Specified
Reference capacity
USgal/h 60° 80° kg/h

- 0.40 EH EH EH 1.20
- 0.45 EH EH EH 1.35
- 0.50 EH EH EH 1.50
- 0.55 EH EH EH 1.65
- 0.60 EH EH EH 1.80
- 0.65 EH EH EH 1.95
- 0.75 EH EH EH 2.25
- 0.85 EH EH EH 2.55
- 1.00 EH EH EH 3.00
- 1.10 EH EH EH 3.30

Tightening torques

| Recommended tightening torque | 15 to 20 Nm (1.5 to 2.0 kpm) |
| Max. tightening torque         | 25 Nm (2.5 kpm)               |

Dimensions

Nozzle holder

Additional documentation on burner components is available on http://heating.danfoss.com/or https://store.danfoss.com/