Oil Nozzles Types AH, AS, AB and OD

Application

Oil nozzles type AH, AS, AB and OD are designed for residential high-pressure oil burners. AH, AS and AB are available with 4 different spray angles and sizes from 0.4 to 3 USgal/h. For other sizes, please request our standard OD program, which covers from 0.30 to 35 USgal/h. Nozzle sizes up through 1.75 USgal/h are equipped with sintered bronze filters. Larger sizes have monel strainers.

Identification

The nozzles are marked with the following information (example shows type AH):

<table>
<thead>
<tr>
<th>Stamped on the flats</th>
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<tbody>
<tr>
<td>1:1</td>
</tr>
<tr>
<td>CSA</td>
</tr>
<tr>
<td>0.50</td>
</tr>
<tr>
<td>Specification point:</td>
</tr>
<tr>
<td>60°</td>
</tr>
<tr>
<td>AH</td>
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Technical Data

Program

For sizes available please refer to nozzle matrix in Product Overview, Oil Burner Nozzles Series - Brass. Please also refer to our program of Hago Steel Nozzles, Oil Burner Nozzles Series - Steel.

Recommended tightening torque

- 130 - 180 in-lbs (15 to 20 Nm)

Maximum tightening torque

- 220 in-lbs (25 Nm)

Filters

Capacity 0.4 - 1.75 USgal/h
75 μm sintered bronze

Design

A: Nozzle housing
B: Bottom screw
C: Nozzle cone
D: Orifice disc
H: Filter
Data sheet  Oil Nozzles Types AH, AS, AB and OD

Spray angles/patterns

Spray angles

Schematic spray patterns

AH, OD-H

AS, OD-S

AB, OD-B

Hollow

Solid

Semi-solid

Dimensions

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