

Data sheet

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.

Features:

- Light and heavy oil
- CSA certified nozzles from 0.4 to 2.0 USgal/h
- 100% test of capacity and performance

Identification

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



Stamped on the flats	
	Serial number for internal use
CSA	Certification marking
0.50	Capacity (USgal/h)
Specification point:	100 psi (7 bar), 37 SSU (3.4 cSt.), 6.84 lb/gal (820 kg/m ³)
60°	Spray angle
AH	Spray pattern: AH, OD-H = Hollow AS, OD-S = Solid AB, OD-B = Semi-solid

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.

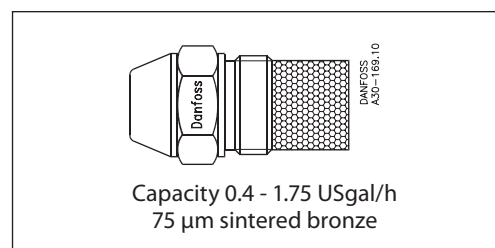
Recommended tightening torque

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

Maximum tightening torque

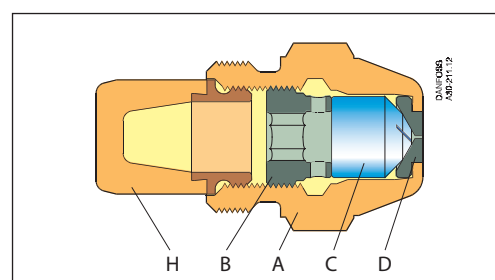
- 220 in-lbs (25 Nm)

Filters



Design

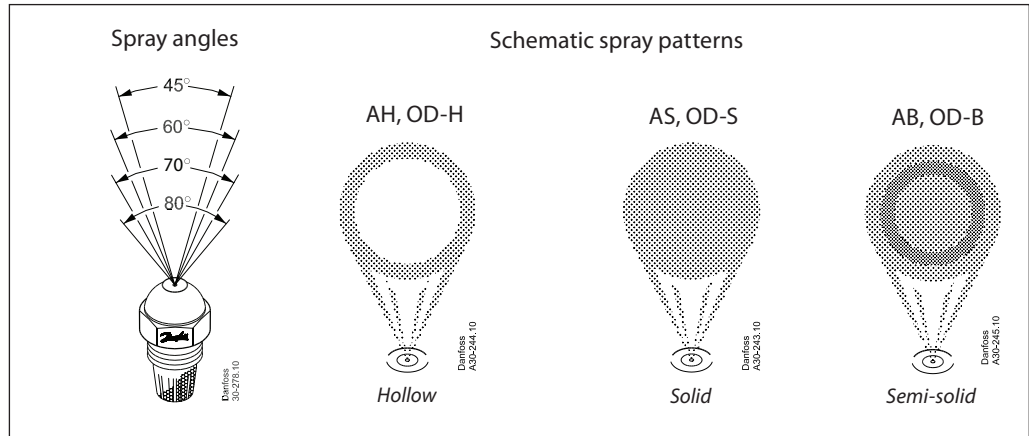
- A:** Nozzlehousing
- B:** Bottom screw
- C:** Nozzle cone
- D:** Orifice disc
- H:** Filter



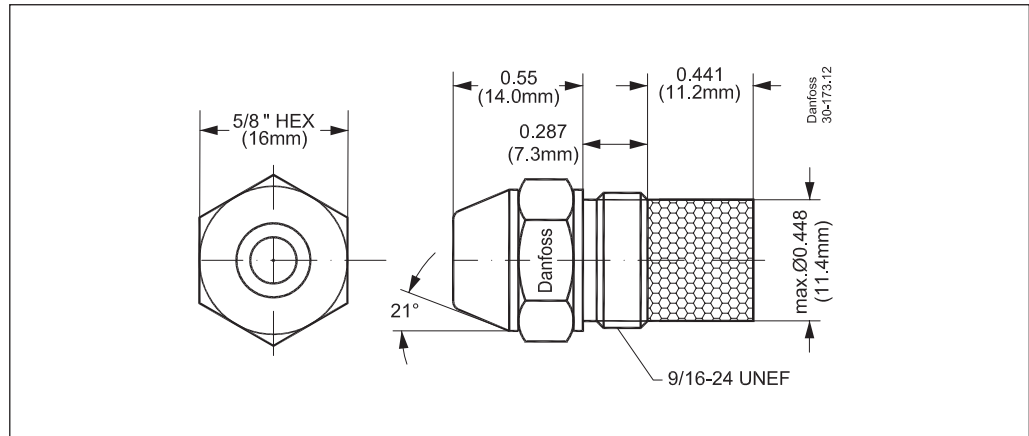
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Spray angles/patterns



Dimensions



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

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