

# Od Series Burner Nozzle

## Product Introduction

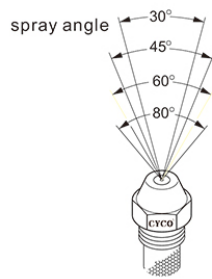
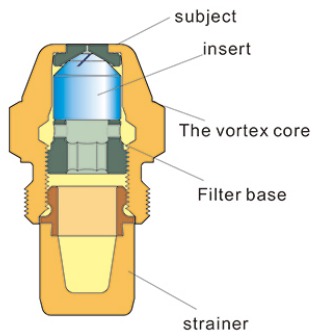
OD fuel nozzle is a single fluid high-pressure atomizing burner nozzle, which is suitable for atomizing burning of light oil and heavy oil. This series have four different angles 45°, 30° to 60°, 80°, and 3 kinds of spraying pattern: solid (S) and half solid cone(B), hollow(H), the flow parameter is from 0.5 us gal to 35 us gal.

### Features:

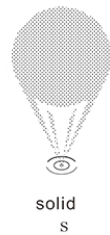
1. Light oil, heavy oil atomizing
2. Flow range is from 0.5 usgal to 35 usgal
3. 100% capacity test before packing

### Order Reference

CYCO	OD	1.75	60°	S	
Brand	Serial No.	Model No.	Spray angle	Spray Pattern	



Sprayed Strokes

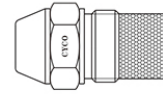


spray pattern

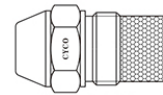
hollow  
H

solid  
S

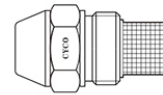
semi solid  
B



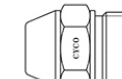
0.5usgal—0.85usgal



1.0usgal—1.75usgal



2.0usgal—11.0usgal



12.0usgal

### Torque After Installed

Nozzle mounting button	
Recommend installed torque	15-20Nm
Max. installed torque	25Nm

model	spray angle				rate of flow (10bar) kg/h
	30°	45°	60°	80°	
0.50	H S	H S	H S	H S	1.87
0.55	H S	H S	H S	H S	2.11
0.60	H S	H S	H S	H S	2.37
0.65	H S B	H S B	H S B	H S B	2.67
0.70	H S B	H S B	H S B	H S B	2.94
0.85	H S B	H S B	H S B	H S B	3.31
1.00	H S B	H S B	H S B	H S B	3.72
1.10	H S	H S	H S	H S	4.24
1.20	H S	H S	H S	H S	4.45
1.25	H S B	H S B	H S B	H S B	4.71
1.35	H S B	H S B	H S B	H S B	5.17
1.50	H S B	H S B	H S B	H S B	5.84
1.65	H S	H S	H S	H S	6.08
1.75	H S	H S	H S	H S	6.55
2.00	H S B	H S B	H S B	H S B	7.42
2.25	H S B	H S B	H S B	H S B	8.35
2.50	H S B	H S B	H S B	H S B	9.29
2.75	H S B	H S B	H S B	H S B	10.5
3.00	H S B	H S B	H S B	H S B	11.6
3.50	S	S	S	S	12.9
3.75	B	S B	S B	S B	13.8
4.00	S	S	S	S	14.2
4.50	S B	S B	S B	S B	16.1
5.00	S B	S B	S B	S B	18.5
5.50	S B	S B	S B	S B	20.9
6.00	S B	S B	S B	S B	23.4
6.50	B	B	B	B	26.1
7.00	S	S	S	S	27.9
7.50	B	B	B	B	29.8
8.00	S	S	S	S	31.5
8.50	B	B	B	B	33.1
9.00	S	S	S	S	35.4
10.00	B	B	B	B	37.7
11.00	B	B	B	B	42.5
12.00	B	B	B	B	47.7
13.50	B	B	B	B	54.3
15.00	B	B	B	B	60.4
17.00	B	B	B	B	67.4
19.50	B	B	B	B	76.2
22.00	B	B	B	B	86.4
25.00	B	B	B	B	96.7
28.00	B	B	B	B	109.5
31.50	B	B	B	B	122.5
35.00	B	B	B	B	133.5

