

# Od Series Burner Nozzle

## Product Introduction

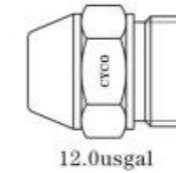
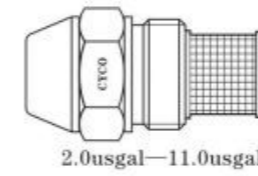
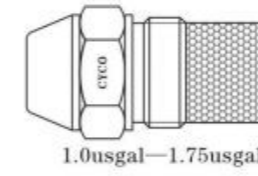
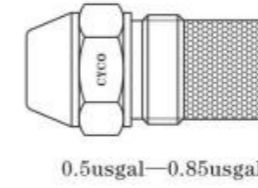
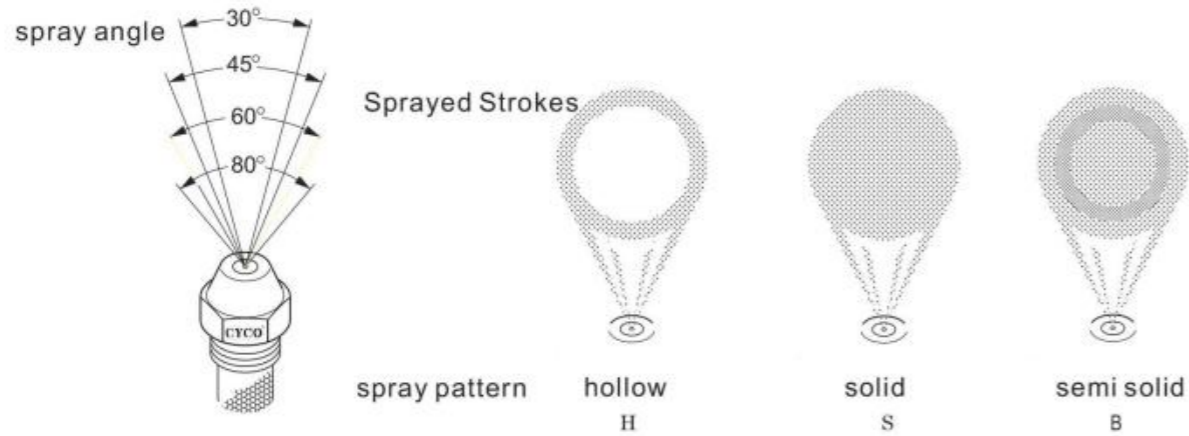
OD fuel nozzle is a single fluid high-pressure atomizing burner nozzle, which is suitable for atomizing burning of light oil and heavy oil. This series have four different angles 45°, 30° to 60°, 80°, and 3 kinds of spraying pattern: solid (S) and half solid cone(B), hollow(H), the flow parameter is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



## 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     | 14.2                      |
| 4.50  |             | S B   | S B   | S B   | 16.1                      |
| 5.00  |             | S B   | S B   | S B   | 18.5                      |
| 5.50  |             | S B   | S B   | S B   | 20.9                      |
| 6.00  |             | S B   | S B   | S B   | 23.4                      |
| 6.50  |             | B     | B     | B     | 26.1                      |
| 7.00  |             |       | S     |       | 27.9                      |
| 7.50  |             | B     | B     | B     | 29.8                      |
| 8.00  |             |       | S     |       | 31.5                      |
| 8.50  |             | B     | B     | B     | 33.1                      |
| 9.00  |             |       | S     |       | 35.4                      |
| 10.00 |             | B     | B     | B     | 37.7                      |
| 11.00 |             | B     | B     | B     | 42.5                      |
| 12.00 |             | B     | B     | B     | 47.7                      |
| 13.50 |             | B     | B     | B     | 54.3                      |
| 15.00 |             | B     | B     | B     | 60.4                      |
| 17.00 |             |       | B     | B     | 67.4                      |
| 19.50 |             |       | B     | B     | 76.2                      |
| 22.00 |             | B     | B     | B     | 86.4                      |
| 25.00 |             |       | B     | B     | 96.7                      |
| 28.00 |             |       | B     | B     | 109.5                     |
| 31.50 |             | B     | B     | B     | 122.5                     |
| 35.00 |             | B     |       |       | 133.5                     |

