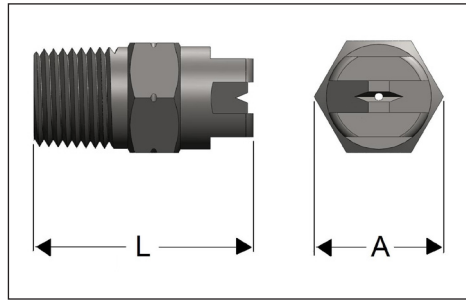
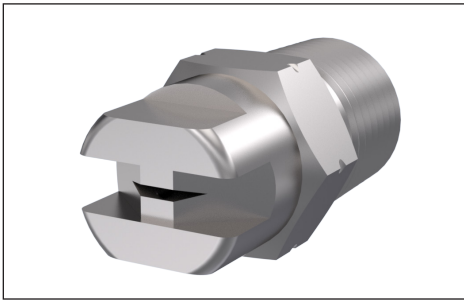




# FV25 SPRAY NOZZLE SPECIFI-

25 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED



*Spray angle not exactly as shown*

## SPRAY CHARACTERISTICS:

FV-Series low flowrate spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 0° to 110°. Spray density tapers off toward the edge of the pattern, to permit overlapping of spray patterns while maintaining uniform spray density. Suitable for a variety of washing and spraying applications.

## CONSTRUCTION:

The models listed are machined from bar stock and are one piece construction. Standard materials include Brass, 303 Stainless Steel, and 316 Stainless Steel.

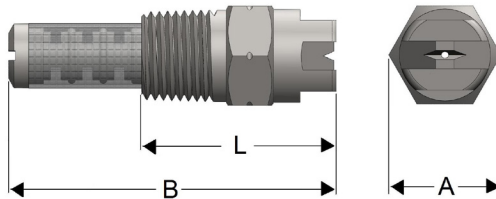
| PIPE SIZE (NPT) | Length L (inches) | Dim. A (inches) | Internal Thread | Dim. B (with strainer assy) (inches) |
|-----------------|-------------------|-----------------|-----------------|--------------------------------------|
| 1/8             | 13/16             | 7/16 HEX        | 1/4-28 UN F     | 1.34                                 |
| 1/4             | 15/16             | 9/16 HEX        | 3/8-24 UN F     | 1.68                                 |

## TYPICAL APPLICATIONS:

- Wetting
- Metal Washing
- Foam control
- Vehicle Washing
- Food Processing
- Fertilizer spraying

## ACCESSORY OPTION

Due to the extremely small orifice on this nozzle, it is typically sold with a strainer accessory, which helps to avoid clogs. Mesh sizes are available in 50, 100, and 200.



*FVL nozzles feature an internal thread for attaching a mesh strainer (L50, L100, or L200)*

| Model Number | Equiv. Orif. Dia. | Capacities at Various Pressures |         |         |       |         |       |       |       |       |       |        |        |        | Spray Angle at (degrees) |       |       |
|--------------|-------------------|---------------------------------|---------|---------|-------|---------|-------|-------|-------|-------|-------|--------|--------|--------|--------------------------|-------|-------|
|              |                   | 0.3 bar                         | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 5 bar | 7 bar | 10 bar | 20 bar | 30 bar | 1.5 bar                  | 3 bar | 5 bar |
| 1/8FV2501    | 0.64              | 0.125                           | 0.161   | 0.191   | 0.228 | 0.279   | 0.32  | 0.39  | 0.46  | 0.51  | 0.60  | 0.72   | 1.02   | 1.25   | 14                       | 25    | 34    |
| 1/4FV2501    | 0.64              | 0.125                           | 0.161   | 0.191   | 0.228 | 0.279   | 0.32  | 0.39  | 0.46  | 0.51  | 0.60  | 0.72   | 1.02   | 1.25   | 14                       | 25    | 34    |
| 1/8FV2502    | 0.86              | 0.250                           | 0.32    | 0.38    | 0.46  | 0.56    | 0.64  | 0.79  | 0.91  | 1.02  | 1.21  | 1.44   | 2.04   | 2.50   | 14                       | 25    | 33    |
| 1/4FV2502    | 0.86              | 0.250                           | 0.32    | 0.38    | 0.46  | 0.56    | 0.64  | 0.79  | 0.91  | 1.02  | 1.21  | 1.44   | 2.04   | 2.50   | 14                       | 25    | 33    |
| 1/8FV2503    | 1.09              | 0.37                            | 0.48    | 0.57    | 0.68  | 0.84    | 0.97  | 1.18  | 1.37  | 1.53  | 1.81  | 2.16   | 3.06   | 3.7    | 18                       | 25    | 30    |
| 1/4FV2503    | 1.09              | 0.37                            | 0.48    | 0.57    | 0.68  | 0.84    | 0.97  | 1.18  | 1.37  | 1.53  | 1.81  | 2.16   | 3.06   | 3.7    | 18                       | 25    | 30    |
| 1/8FV2505    | 1.42              | 0.62                            | 0.81    | 0.95    | 1.14  | 1.40    | 1.61  | 1.97  | 2.28  | 2.55  | 3.01  | 3.6    | 5.1    | 6.2    | 20                       | 25    | 31    |
| 1/4FV2505    | 1.42              | 0.62                            | 0.81    | 0.95    | 1.14  | 1.40    | 1.61  | 1.97  | 2.28  | 2.55  | 3.01  | 3.6    | 5.1    | 6.2    | 20                       | 25    | 31    |

\* TABLE CONTINUES ON FOLLOWING PAGE



FV 25 SPRAY NOZZLE SPECIFICATIONS  
25 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED CONNECTION

www.BEX.com

| Model Number | Equiv. Orif. Dia. | Capacities at Various Pressures |         |         |       |         |       |       |       |       |       |        |        |        | Spray Angle at (degrees) |       |       |
|--------------|-------------------|---------------------------------|---------|---------|-------|---------|-------|-------|-------|-------|-------|--------|--------|--------|--------------------------|-------|-------|
|              |                   | 0.3 bar                         | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 5 bar | 7 bar | 10 bar | 20 bar | 30 bar | 1.5 bar                  | 3 bar | 5 bar |
| 1/8FV2506    | 1.55              | 0.75                            | 0.97    | 1.14    | 1.37  | 1.67    | 1.93  | 2.37  | 2.73  | 3.06  | 3.6   | 4.3    | 6.1    | 7.5    | 17                       | 25    | 31    |
| 1/4FV2506    | 1.55              | 0.75                            | 0.97    | 1.14    | 1.37  | 1.67    | 1.93  | 2.37  | 2.73  | 3.06  | 3.6   | 4.3    | 6.1    | 7.5    | 17                       | 25    | 31    |
| 1/8FV2508    | 1.80              | 1.00                            | 1.29    | 1.53    | 1.82  | 2.23    | 2.58  | 3.16  | 3.6   | 4.1   | 4.8   | 5.8    | 8.2    | 10.0   | 16                       | 25    | 31    |
| 1/4FV2508    | 1.80              | 1.00                            | 1.29    | 1.53    | 1.82  | 2.23    | 2.58  | 3.16  | 3.6   | 4.1   | 4.8   | 5.8    | 8.2    | 10.0   | 16                       | 25    | 31    |