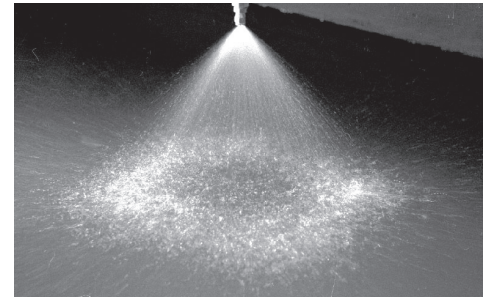
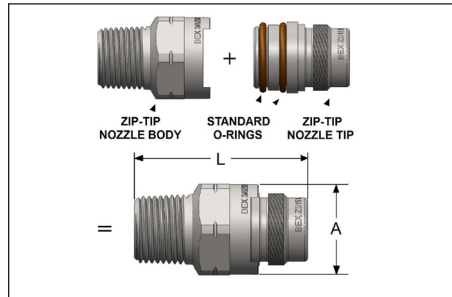
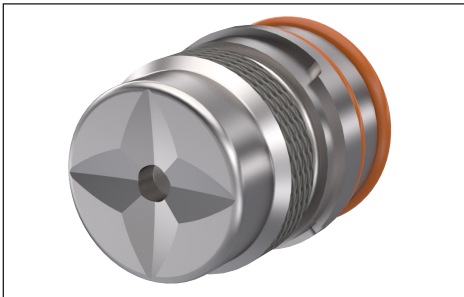




# ZSQ SPRAY NOZZLE SPECIFICATIONS

FULL CONE • ZIP-TIP CONNECTION • ONE-PIECE CONSTRUCTION



## SPRAY CHARACTERISTICS:

Full cone spray pattern, with uniform distribution throughout the approximately square cone.

## TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting

## CONSTRUCTION:

One peice body + non- removable insert. Uniform distribution throughout the approximately square cone. Standard materials are brass, 303 and 316 stainless steel. Some models are also stocked in other materials.

| NOZZLE PIPE SIZE | Length 'L' (in) | Dim. 'A' (in) |
|------------------|-----------------|---------------|
| 1/8ZSQ           | 1.60            | 0.97          |
| 1/4ZSQ           | 1.70            | 0.97          |
| 3/8ZSQ           | 1.73            | 0.97          |
| 1/2ZSQ           | 1.80            | 0.97          |
| 1/2ZLSQ          | 2.11            | 1.25          |
| 3/4ZLSQ          | 2.19            | 1.25          |

| Model ID | Capacity |         |         |         |         |       |       |       |       |       |       | Spray Angle |         |       |
|----------|----------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------------|---------|-------|
|          | 0.3 bar  | 0.5 bar | 0.7 bar | 1.0 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 5 bar | 6 bar | 8 bar | 0.5 bar     | 1.5 bar | 5 bar |
| ZS3.6SQ  | 0.90     | 1.16    | 1.37    | 1.64    | 2.01    | 2.32  | 2.84  | 3.3   | 3.7   | 4.0   | 4.6   | 42          | 55      | 50    |
| ZS4.8SQ  | 1.20     | 1.55    | 1.83    | 2.19    | 2.68    | 3.09  | 3.8   | 4.4   | 4.9   | 5.4   | 6.2   | 50          | 65      | 60    |
| ZS6SQ    | 1.50     | 1.93    | 2.29    | 2.73    | 3.3     | 3.9   | 4.7   | 5.5   | 6.1   | 6.7   | 7.7   | 30          | 65      | 60    |
| ZS10SQ   | 2.50     | 3.2     | 3.8     | 4.6     | 5.6     | 6.4   | 7.9   | 9.1   | 10.2  | 11.2  | 12.9  | 61          | 67      | 60    |
| ZS12SQ   | 3.00     | 3.9     | 4.6     | 5.5     | 6.7     | 7.7   | 9.5   | 10.9  | 12.2  | 13.4  | 15.5  | 71          | 76      | 69    |
| ZS14SQ   | 3.5      | 4.5     | 5.3     | 6.4     | 7.8     | 9.0   | 11.1  | 12.8  | 14.3  | 15.6  | 18.0  | 78          | 85      | 75    |
| ZS18SQ   | 4.5      | 5.8     | 6.9     | 8.2     | 10.0    | 11.6  | 14.2  | 16.4  | 18.3  | 20.1  | 23.2  | 70          | 75      | 68    |
| ZLS29SQ  | 7.2      | 9.3     | 11.1    | 13.2    | 16.2    | 18.7  | 22.9  | 26.4  | 29.6  | 32    | 37    | 70          | 75      | 68    |
| ZLS36SQ  | 9.0      | 11.6    | 13.7    | 16.4    | 20.1    | 23.2  | 28.4  | 33    | 37    | 40    | 46    | 80          | 85      | 77    |

