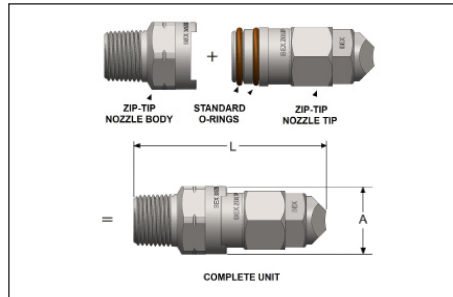
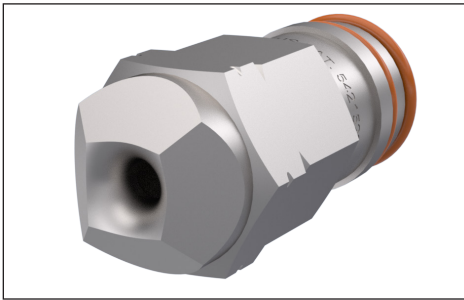




# ZGSWSQ SERIES SPRAY NOZZLES

FULL CONE • ZIP-TIP CONNECTION • TWO-PIECE



## SPRAY CHARACTERISTICS:

Full square spray pattern with uniform distribution throughout the spray body.

## TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting
- Foam Breaking

## CONSTRUCTION:

Two piece body + removable insert. The nozzle contains a patented insert with larger flow passages, and is less susceptible to clogging.



| NOZZLE<br>NPT<br>PIPE SIZE | Length L<br>(in) | Dim. A<br>(in) |
|----------------------------|------------------|----------------|
| 1/8" ZGSWSQ                | 1.98             | 0.97           |
| 1/4" ZGSWSQ                | 2.12             | 0.97           |
| 3/8" ZGSWSQ                | 2.56             | 0.97           |
| 1/2" ZGSWSQ                | 2.63             | 0.97           |
| 1/2" ZLGSWSQ               | 2.79             | 1.25           |
| 3/4" ZLGSWSQ               | 2.87             | 1.25           |

| Model #   | Capacity |          |          |           |           |           |           |           |           |           |            |            | Spray Angle |           |           |
|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-------------|-----------|-----------|
|           | 3<br>psi | 5<br>psi | 7<br>psi | 10<br>psi | 15<br>psi | 20<br>psi | 30<br>psi | 40<br>psi | 60<br>psi | 80<br>psi | 100<br>psi | 150<br>psi | 7<br>psi    | 20<br>psi | 80<br>psi |
| ZGS14WSQ  | 0.77     | 0.99     | 1.17     | 1.40      | 1.71      | 1.98      | 2.42      | 2.80      | 3.4       | 4.0       | 4.4        | 5.4        | 102°        | 98°       | 84°       |
| ZGS17WSQ  | 0.93     | 1.20     | 1.42     | 1.70      | 2.08      | 2.40      | 2.94      | 3.4       | 4.2       | 4.8       | 5.4        | 6.6        | 50°         | 94°       | 82°       |
| ZGS20WSQ  | 1.10     | 1.41     | 1.67     | 2.00      | 2.45      | 2.83      | 3.5       | 4.0       | 4.9       | 5.7       | 6.3        | 7.7        | 60°         | 102°      | 86°       |
| ZGS24WSQ  | 1.31     | 1.70     | 2.01     | 2.40      | 2.94      | 3.4       | 4.2       | 4.8       | 5.9       | 6.8       | 7.6        | 9.3        | 104°        | 102°      | 86°       |
| ZGS27WSQ  | 1.48     | 1.91     | 2.26     | 2.70      | 3.3       | 3.8       | 4.7       | 5.4       | 6.6       | 7.6       | 8.5        | 10.5       | 104°        | 102°      | 87°       |
| ZLGS30WSQ | 1.64     | 2.12     | 2.51     | 3.00      | 3.7       | 4.2       | 5.2       | 6.0       | 7.3       | 8.5       | 9.5        | 11.6       | 100°        | 96°       | 85°       |
| ZLGS35WSQ | 1.92     | 2.47     | 2.93     | 3.5       | 4.3       | 4.9       | 6.1       | 7.0       | 8.6       | 9.9       | 11.1       | 13.6       | 104°        | 99°       | 88°       |
| ZLGS40WSQ | 2.19     | 2.83     | 3.3      | 4.0       | 4.9       | 5.7       | 6.9       | 8.0       | 9.8       | 11.3      | 12.6       | 15.5       | 106°        | 104°      | 90°       |
| ZLGS45WSQ | 2.46     | 3.2      | 3.8      | 4.5       | 5.5       | 6.4       | 7.8       | 9.0       | 11.0      | 12.7      | 14.2       | 17.4       | 106°        | 104°      | 94°       |
| ZLGS50WSQ | 2.74     | 3.5      | 4.2      | 5.0       | 6.1       | 7.1       | 8.7       | 10.0      | 12.2      | 14.1      | 15.8       | 19.4       | 108°        | 102°      | 97°       |

