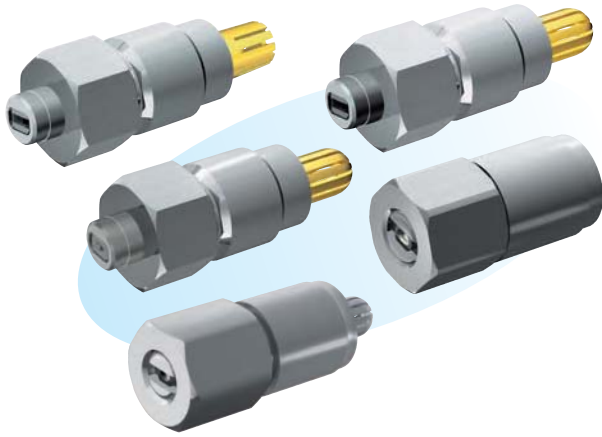


Descaling Nozzles



► Features

- Uniform impact force distribution.
- Excellent wear resistance.
- Consistent performance.

► Applications

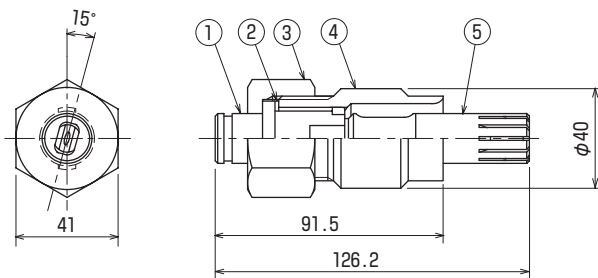
- Descaling

► Materials

- Nozzle tip : cemented carbide
- Nozzle case : stainless steel
- Cap : stainless steel
- Adapter : stainless steel
- Packing : copper
- Filter : brass or stainless steel

Shapes and dimensions

● DNX type



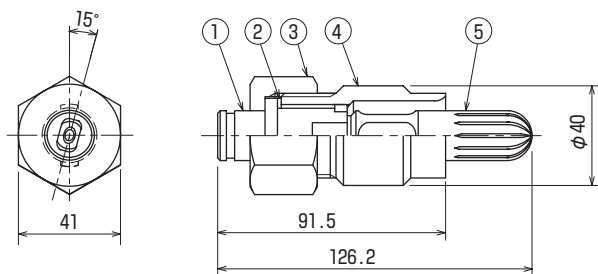
| Model | Weight (g) |
|-------|------------|
| DNX | 644 |

► Features

- Maximum service pressure: 25 MPa
- Up to 3 times higher scale removal over conventional DNH Model.

| No. | Part name |
|-----|-------------|
| ① | Nozzle body |
| ② | Packing |
| ③ | Cap |
| ④ | Adapter |
| ⑤ | Filter |

● DNH type

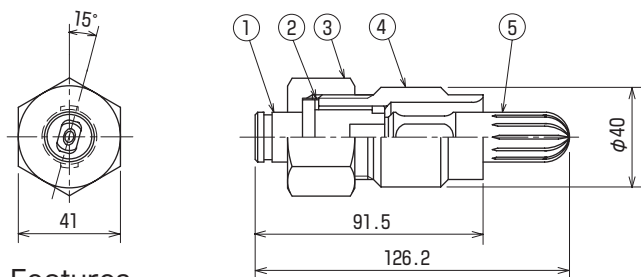


| Model | Weight (g) |
|-------|------------|
| DNH | 644 |

► Feature

- Maximum service pressure: 25 MPa

● DNR type

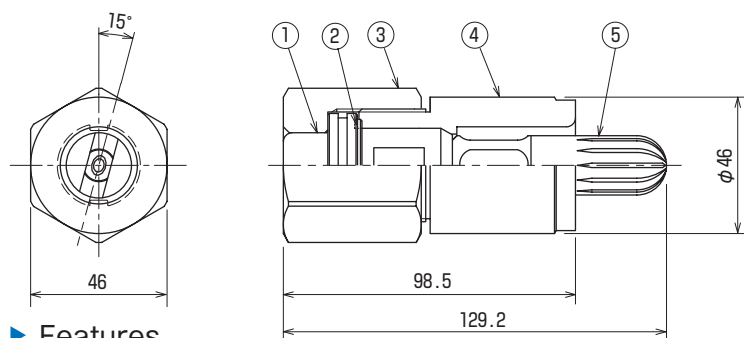


| Model | Weight (g) |
|-------|------------|
| DNR | 644 |

► Features

- Maximum service pressure: 30 MPa
- Nozzle tip material of high durability.

● DNK type

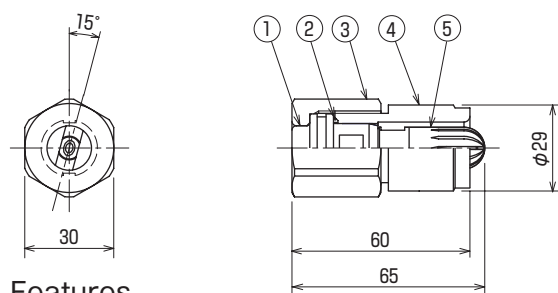


| Model | Weight (g) |
|-------|------------|
| DNK | 1180 |

► Features

- Maximum service pressure: 50 MPa
- Nozzle tip material of high durability.

● DNM type



| Model | Weight (g) |
|-------|------------|
| DNM | 271 |

► Features

- Maximum service pressure: 50 MPa
- Nozzle tip material of high durability.
- Compact design.

| No. | Part name |
|-----|-------------|
| ① | Nozzle body |
| ② | Packing |
| ③ | Cap |
| ④ | Adapter |
| ⑤ | Filter |

*Detailed catalog available.

● Model and Model Number representing

| | | |
|-------|--------------|---|
| DNH | 1 5 2 5 | L |
| | | |
| Model | Model number | Deviating direction of orifice |
| | | R or no symbol: 15° clockwise deviation |
| | | L : 15° counterclockwise deviation |
| | | F : no deviation |

● Standard type model number list

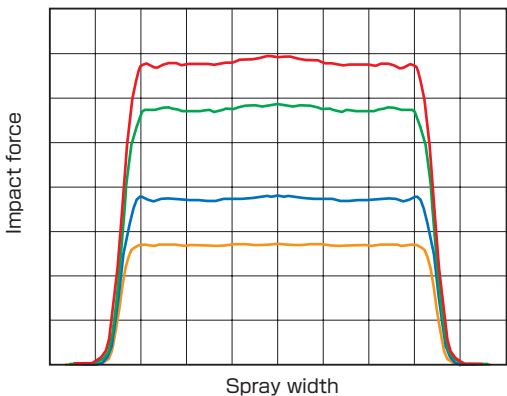
●: Model availability

| Model | | | | | Model number | Minimum orifice diameter (mm) | Flow rate (L/min) at following pressure (MPa) | | | | | | | | Spray angle at following pressure (MPa) | |
|-------|-----|-----|-----|-----|--------------|-------------------------------|---|------|------|------|------|------|------|------|---|-----|
| DNX | DNH | DNR | DNK | DNM | | | 1 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 15 | 50 |
| ● | ● | ● | ● | ● | 0325 | 1.5 | 5.7 | 18.0 | 22.0 | 25.5 | 28.5 | 31.2 | 36.0 | 40.2 | 27° | 28° |
| ● | ● | ● | ● | ● | 0332 | 1.4 | 5.7 | 18.0 | 22.0 | 25.5 | 28.5 | 31.2 | 36.0 | 40.2 | 35° | 36° |
| ● | ● | ● | ● | ● | 0340 | 1.3 | 5.7 | 18.0 | 22.0 | 25.5 | 28.5 | 31.2 | 36.0 | 40.2 | 43° | 44° |
| ● | ● | ● | ● | ● | 0425 | 1.7 | 7.6 | 24.0 | 29.4 | 33.9 | 37.9 | 41.6 | 48.0 | 53.7 | 27° | 28° |
| ● | ● | ● | ● | ● | 0432 | 1.6 | 7.6 | 24.0 | 29.4 | 33.9 | 37.9 | 41.6 | 48.0 | 53.7 | 35° | 36° |
| ● | ● | ● | ● | ● | 0440 | 1.5 | 7.6 | 24.0 | 29.4 | 33.9 | 37.9 | 41.6 | 48.0 | 53.7 | 43° | 44° |
| ● | ● | ● | ● | ● | 0525 | 1.9 | 9.5 | 30.0 | 36.7 | 42.4 | 47.4 | 52.0 | 60.0 | 67.1 | 27° | 28° |
| ● | ● | ● | ● | ● | 0532 | 1.8 | 9.5 | 30.0 | 36.7 | 42.4 | 47.4 | 52.0 | 60.0 | 67.1 | 35° | 36° |
| ● | ● | ● | ● | ● | 0540 | 1.7 | 9.5 | 30.0 | 36.7 | 42.4 | 47.4 | 52.0 | 60.0 | 67.1 | 43° | 44° |
| ● | ● | ● | ● | ● | 0625 | 2.1 | 11.4 | 36.0 | 44.1 | 50.9 | 56.9 | 62.4 | 72.0 | 80.5 | 27° | 28° |
| ● | ● | ● | ● | ● | 0632 | 2.0 | 11.4 | 36.0 | 44.1 | 50.9 | 56.9 | 62.4 | 72.0 | 80.5 | 35° | 36° |
| ● | ● | ● | ● | ● | 0640 | 1.9 | 11.4 | 36.0 | 44.1 | 50.9 | 56.9 | 62.4 | 72.0 | 80.5 | 43° | 44° |
| ● | ● | ● | ● | ● | 0725 | 2.3 | 13.3 | 42.0 | 51.4 | 59.4 | 66.4 | 72.7 | 84.0 | 93.9 | 27° | 28° |
| ● | ● | ● | ● | ● | 0732 | 2.2 | 13.3 | 42.0 | 51.4 | 59.4 | 66.4 | 72.7 | 84.0 | 93.9 | 35° | 36° |
| ● | ● | ● | ● | ● | 0740 | 2.1 | 13.3 | 42.0 | 51.4 | 59.4 | 66.4 | 72.7 | 84.0 | 93.9 | 43° | 44° |
| ● | ● | ● | ● | ● | 0825 | 2.5 | 14.3 | 45.3 | 55.5 | 64.1 | 71.6 | 78.5 | 90.6 | 101 | 27° | 28° |
| ● | ● | ● | ● | ● | 0832 | 2.3 | 14.3 | 45.3 | 55.5 | 64.1 | 71.6 | 78.5 | 90.6 | 101 | 35° | 36° |
| ● | ● | ● | ● | ● | 0840 | 2.2 | 14.3 | 45.3 | 55.5 | 64.1 | 71.6 | 78.5 | 90.6 | 101 | 43° | 44° |
| ● | ● | ● | ● | ● | 0925 | 2.6 | 17.1 | 54.0 | 66.1 | 76.4 | 85.4 | 93.5 | 108 | 121 | 27° | 28° |
| ● | ● | ● | ● | ● | 0932 | 2.5 | 17.1 | 54.0 | 66.1 | 76.4 | 85.4 | 93.5 | 108 | 121 | 35° | 36° |
| ● | ● | ● | ● | ● | 0940 | 2.4 | 17.1 | 54.0 | 66.1 | 76.4 | 85.4 | 93.5 | 108 | 121 | 43° | 44° |
| ● | ● | ● | ● | ● | 1125 | 3.1 | 21.4 | 67.7 | 82.9 | 95.7 | 107 | 117 | 135 | 151 | 27° | 28° |
| ● | ● | ● | ● | ● | 1132 | 2.8 | 21.4 | 67.7 | 82.9 | 95.7 | 107 | 117 | 135 | 151 | 35° | 36° |
| ● | ● | ● | ● | ● | 1140 | 2.7 | 21.4 | 67.7 | 82.9 | 95.7 | 107 | 117 | 135 | 151 | 43° | 44° |
| ● | ● | ● | ● | ● | 1325 | 3.2 | 24.5 | 77.5 | 94.9 | 110 | 123 | 134 | 155 | 173 | 27° | 28° |
| ● | ● | ● | ● | ● | 1332 | 3.1 | 24.5 | 77.5 | 94.9 | 110 | 123 | 134 | 155 | 173 | 35° | 36° |
| ● | ● | ● | ● | ● | 1340 | 2.9 | 24.5 | 77.5 | 94.9 | 110 | 123 | 134 | 155 | 173 | 43° | 44° |
| ● | ● | ● | ● | ● | 1525 | 3.5 | 28.6 | 90.5 | 111 | 128 | 143 | 157 | 181 | 202 | 27° | 28° |
| ● | ● | ● | ● | ● | 1532 | 3.3 | 28.6 | 90.5 | 111 | 128 | 143 | 157 | 181 | 202 | 35° | 36° |
| ● | ● | ● | ● | ● | 1540 | 3.2 | 28.6 | 90.5 | 111 | 128 | 143 | 157 | 181 | 202 | 43° | 44° |
| ● | ● | ● | ● | ● | 1825 | 3.8 | 34.2 | 108 | 132 | 153 | 171 | 187 | 216 | 241 | 27° | 28° |
| ● | ● | ● | ● | ● | 1832 | 3.6 | 34.2 | 108 | 132 | 153 | 171 | 187 | 216 | 241 | 35° | 36° |
| ● | ● | ● | ● | ● | 1840 | 3.4 | 34.2 | 108 | 132 | 153 | 171 | 187 | 216 | 241 | 43° | 44° |
| ● | ● | ● | ● | ● | 1925 | 3.9 | 35.7 | 113 | 138 | 160 | 179 | 196 | 226 | 253 | 27° | 28° |
| ● | ● | ● | ● | ● | 1932 | 3.7 | 35.7 | 113 | 138 | 160 | 179 | 196 | 226 | 253 | 35° | 36° |
| ● | ● | ● | ● | ● | 1940 | 3.6 | 35.7 | 113 | 138 | 160 | 179 | 196 | 226 | 253 | 43° | 44° |
| ● | ● | ● | ● | ● | 2325 | 4.3 | 43.0 | 136 | 167 | 192 | 215 | 236 | 272 | 304 | 27° | 28° |
| ● | ● | ● | ● | ● | 2332 | 4.1 | 43.0 | 136 | 167 | 192 | 215 | 236 | 272 | 304 | 35° | 36° |
| ● | ● | ● | ● | ● | 2340 | 3.9 | 43.0 | 136 | 167 | 192 | 215 | 236 | 272 | 304 | 43° | 44° |

● Performance data

Widthwise impact force distribution

Nozzle model number DNK1325
 Spray distance 300mm



Example of overlap spray pattern

