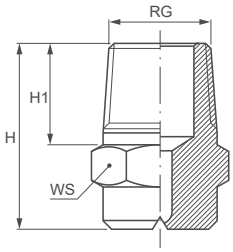


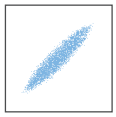

## STANDARD CAPACITY FLAT FAN NOZZLES

Standard flat fan nozzles are available in a wide range of different capacities, spray angles, thread sizes and materials. Used in several industrial applications, they produce a mist spray and supply an appropriate force of impact.

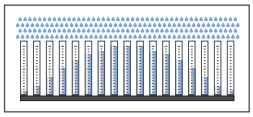
- **Typical applications**

**Washing**: parts cleaning, food cleaning, filter cloth cleaning
**Spray**: spray of chemicals, disinfectant and lubricating fluids
**Cooling**: metal parts and vehicles cooling
**Other applications**: water curtain for toxic gases separation, cleaning systems
In steelworks they are used in the pickling process to remove surface oxides layers formed during the hot metalwork.

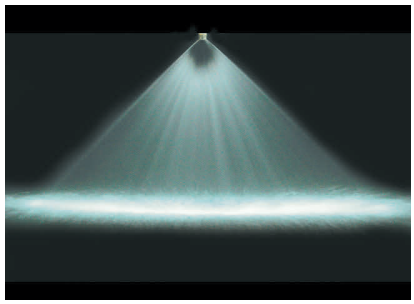
- **Thread specification**: BSPT, NPT



*Spray section*



*Convex distribution*



*Spray angle codes*

| | |
|---|---|
| JxA | 0° |
| JxC | 20° |
| JxF | 30° |
| JxM | 45° |
| JxQ | 60° |
| JxU | 90° |
| JxW | 120° |

*Thread size codes (RG)*

| | |
|---|---|
| JA | 1/8" |
| JB | 1/4" |
| JC | 3/8" |

| | JAA 1/8" | JBA 1/4" | JCA 3/8" | Capacity code | D mm | Capacity at different pressure values (l/min) (bar) 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

*DIMENSIONS AND WEIGHTS*

| Code | Size (RG) | H | H1 | WS | W |
|---|---|---|---|---|---|
| unit | inch | mm | mm | mm | gram |
| JA | 1/8" | 19.5 | 11 | 12 | 9 |
| JB | 1/4" | 22.0 | 12 | 14 | 18 |
| JC | 3/8" | 25.0 | 14 | 17 | 34 |

**IMPORTANT**: the nozzle Jxx 0780 B31 is made with “low capacity” body, while when it’s fabricated with other materials is made with “standard capacity” body.

HOW TO MAKE UP THE NOZZLE CODE

EX.: JAA 1153 B1

J A A 1153 xx

- NOZZLE TYPE
- CONNECTION: • A - 1/8" • B - 1/4" • C - 3/8"
- SPRAY ANGLE: • A - 0° • C - 20° • F - 30° • M - 45° • Q - 60° • U - 90° • W - 120°
- CAPACITY
- MATERIAL: • B1 - AISI 303 Stainless steel • B31 - AISI 316L Stainless steel • T1 - Brass ○ D1 - PVC (optional) ○ E1 - PTFE (optional)

| | JAC 1/8" | JBC 1/4" | JCC 3/8" | Capecity code | D mm | Capacity at different pressure values (l/min) (bar) 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

| | JAF | JBF | JCF | Code | D | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

| | JAM | JBM | JCM | Code | D | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

*Spray angle codes*

| | |
|---|---|
| JxA | 0° |
| JxC | 20° |
| JxF | 30° |
| JxM | 45° |
| JxQ | 60° |
| JxU | 90° |
| JxW | 120° |

*Thread size codes (RG)*

| | |
|---|---|
| JA | 1/8” |
| JB | 1/4” |
| JC | 3/8” |

**IMPORTANT**: the nozzle Jxx 0780 B31 is made with “low capacity” body, while when it’s fabricated with other materials is made with “standard capacity” body.



HOW TO MAKE UP THE NOZZLE CODE

EX.: JAC 1153 B1

J A C 1153 xx

- NOZZLE TYPE: J
- CONNECTION: A
  - • A - 1/8"
  - • B - 1/4"
  - • C - 3/8"
- SPRAY ANGLE: C
  - • A - 0°
  - • C - 20°
  - • F - 30°
  - • M - 45°
  - • Q - 60°
  - • U - 90°
  - • W - 120°
- CAPACITY: 1153
- MATERIAL: xx
  - • B1 - AISI 303 Stainless steel
  - • B31 - AISI 316L Stainless steel
  - • T1 - Brass
  - ○ D1 - PVC (optional)
  - ○ E1 - PTFE (optional)

# J ( STANDARD CAPACITY FLAT FAN NOZZLES )



***Spray angle codes***

| | |
|---|---|
| JxA | 0° |
| JxC | 20° |
| JxF | 30° |
| JxM | 45° |
| JxQ | 60° |
| JxU | 90° |
| JxW | 120° |

***Thread size codes (RG)***

| | |
|---|---|
| JA | 1/8” |
| JB | 1/4” |
| JC | 3/8” |

**IMPORTANT**: the nozzle Jxx 0780 B31 is made with “low capacity” body, while when it’s fabricated with other materials is made with “standard capacity” body.

| | JAQ 1/8" | JBQ 1/4" | JCQ 3/8" | Capacity code | D mm | Capacity at different pressure values (l/min) (bar) 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

| | JAU | JBU | JCU | Codice | D | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

| | JAW | JBW | JCW | Codice | D | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120° | • | • | | 0780 | 0.91 | 0.32 | 0.45 | 0.64 | 0.78 | 0.90 | 1.01 | 1.19 | 1.42 | 2.01 |
| | • | • | | 1120 | 1.10 | 0.49 | 0.69 | 0.98 | 1.20 | 1.39 | 1.55 | 1.83 | 2.19 | 3.10 |
| | • | • | | 1160 | 1.30 | 0.65 | 0.92 | 1.31 | 1.60 | 1.85 | 2.07 | 2.44 | 2.92 | 4.13 |
| | • | • | | 1190 | 1.30 | 0.78 | 1.10 | 1.55 | 1.90 | 2.19 | 2.45 | 2.90 | 3.47 | 4.91 |
| | • | • | | 1233 | 1.50 | 0.95 | 1.35 | 1.90 | 2.33 | 2.69 | 3.01 | 3.56 | 4.25 | 6.02 |
| | • | • | | 1310 | 1.70 | 1.27 | 1.79 | 2.53 | 3.10 | 3.58 | 4.00 | 4.74 | 5.66 | 8.00 |
| | • | • | | 1385 | 1.80 | 1.57 | 2.22 | 3.14 | 3.85 | 4.45 | 4.97 | 5.88 | 7.03 | 9.94 |
| | • | • | | 1490 | 2.10 | 2.00 | 2.83 | 4.00 | 4.90 | 5.66 | 6.33 | 7.48 | 8.95 | 12.7 |
| | • | • | | 1581 | 2.30 | 2.37 | 3.35 | 4.74 | 5.81 | 6.71 | 7.50 | 8.87 | 10.6 | 15.0 |
| | • | • | • | 1780 | 2.70 | 3.18 | 4.50 | 6.37 | 7.80 | 9.01 | 10.1 | 11.9 | 14.2 | 20.1 |
| | • | • | • | 1980 | 3.00 | 4.00 | 5.66 | 8.00 | 9.80 | 11.3 | 12.7 | 15.0 | 17.9 | 25.3 |
| | • | • | • | 2124 | 3.40 | 5.06 | 7.16 | 10.1 | 12.4 | 14.3 | 16.0 | 18.9 | 22.6 | 32.0 |
| | • | • | • | 2153 | 3.80 | 6.25 | 8.83 | 12.5 | 15.3 | 17.7 | 19.8 | 23.4 | 27.9 | 39.5 |
| | | • | • | 2195 | 4.30 | 7.96 | 11.3 | 15.9 | 19.5 | 22.5 | 25.2 | 29.8 | 35.6 | 50.3 |
| | | • | • | 2245 | 4.80 | 10.0 | 14.1 | 20.0 | 24.5 | 28.3 | 31.6 | 37.4 | 44.7 | 63.3 |
| | | • | • | 2274 | 5.20 | 11.2 | 15.8 | 22.4 | 27.4 | 31.6 | 35.4 | 41.9 | 50.0 | 70.7 |
| | | • | • | 2310 | 5.40 | 12.7 | 17.9 | 25.3 | 31.0 | 35.8 | 40.0 | 47.4 | 56.6 | 80.0 |
| | | • | • | 2390 | 6.00 | 15.9 | 22.5 | 31.8 | 39.0 | 45.0 | 50.3 | 59.6 | 71.2 | 101 |
| | | • | • | 2470 | 6.20 | 19.2 | 27.1 | 38.4 | 47.0 | 54.3 | 60.7 | 71.8 | 85.8 | 121 |

**HOW TO MAKE UP THE NOZZLE CODE**

EX.: JAQ 1153 B1