

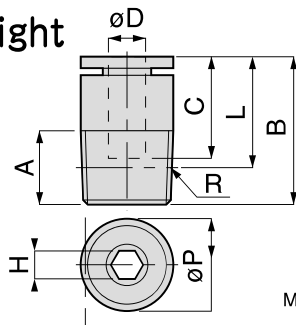


# Fitting Series



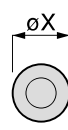
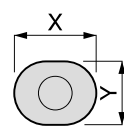
## Inner Hex. Straight

RoHS compliant



Metric or Unified thread type

Release-ring dimension



øD: 3, 4, 6, 1/8, 5/32, 1/4

øD: 1.8, 2

## ❖ NPT and UNF

unit: inch

| Model         | Tube O.D.<br>øD | R          | A                         | B    | L    | C    | Hex. | øP   | Orifice<br>φ(mm) | Wt.<br>(g) | CAD<br>file name |
|---------------|-----------------|------------|---------------------------|------|------|------|------|------|------------------|------------|------------------|
| POC1/8-U10MU  | 1/8             | 10-32UNF   | 0.12                      | 0.61 | 0.50 | 0.43 | 5/64 | 0.31 | 2.0              | 3.4        | POC1_8-U10MU     |
| POC5/32-U10MU | 5/32            | 10-32UNF   | 0.12                      | 0.61 | 0.50 | 0.43 | 3/32 | 0.31 | 2.5              | 3          | POC5_32-U10MU    |
| POC5/32-N1MU  | 5/32            | 1/8-27NPT  | 0.31                      | 0.62 | 0.46 | 0.43 | 3/32 | 0.39 | 2.5              | 6.6        | POC5_32-N1MU     |
| POC1/4-U10MU  | 1/4             | 10-32UNF   | 0.12                      | 0.63 | 0.52 | 0.45 | 3/32 | 0.39 | 2.5              | 3.2        | POC1_4-U10MU     |
| POC1/4-N0MU   | 1/4             | 1/16-27NPT | 0.31                      | 0.77 | 0.61 | 0.45 | 5/32 | 0.39 | 4.2              | 4.2        | POC1_4-N0MU      |
| POC1/4-N1MU   | 1/4             | 1/8-27NPT  | 0.31                      | 0.72 | 0.56 | 0.45 | 5/32 | 0.39 | 4.2              | 5.9        | POC1_4-N1MU      |
| POC3/16-U10MU | 3/16            | 10-32UNF   | Ask us for the dimensions |      |      |      |      |      |                  |            |                  |
| POC3/16-N1MU  | 3/16            | 1/8-27NPT  |                           |      |      |      |      |      |                  |            |                  |

Unit : mm

| Model code   | Tube O.D.<br>øD | R      | A                         | B    | L           | Tube end<br>C | Hex.<br>H | øP  | X<br>(øX) | Y   | Effective area<br>(mm²) | Weight<br>(g) | CAD<br>file name |
|--------------|-----------------|--------|---------------------------|------|-------------|---------------|-----------|-----|-----------|-----|-------------------------|---------------|------------------|
| POC180-M3M④  | 1.8             | M3×0.5 | 2.5 [2.2]                 | 12.1 | 9.6 [9.9]   | 8.4           | 1.3       | 5   | 4.8       | —   | 0.7                     | 0.9           | POC180-M3M       |
| POC3-M3M④    | 3               | M3×0.5 | 2.5 [2.2]                 | 15.1 | 12.6 [12.9] | 10.9          | 1.5       | 8   | 9.8       | 7.8 | 1.9                     | 2.3           | POC3-M3M         |
| POC3-M5M④    |                 | M5×0.8 | 3 [3.2]                   | 15.6 | 12.6 [12.4] |               | 2         |     |           |     | 2.8                     | 3.2           | POC3-M5M         |
| POC3-M6M④    |                 | M6×1   | 3.9                       | 18.2 | 14.3        | 12.5          | 3         |     |           |     | 3.5                     | POC3-M6M      |                  |
| POC4-M3M④    | 4               | M3×0.5 | 2.5 [2.2]                 | 15.1 | 12.6 [12.9] | 10.9          | 1.5       | 8   | 9.8       | 7.8 | 1.8                     | 2.2           | POC4-M3M         |
| POC4-M5M④    |                 | M5×0.8 | 3 [3.2]                   | 15.6 | 12.6 [12.4] |               | 2.5       |     |           |     | 5.1                     | 3             | POC4-M5M         |
| POC4-M6M④    |                 | M6×1   | 3.9                       | 16.6 | 12.7        |               | 3         |     |           |     | 7                       | 3.3           | POC4-M6M         |
| POC4-01M④    |                 | R1/8   | 8                         | 15.8 | 11.8        |               | 3         | 10  |           |     | 7.4                     | 6.2           | POC4-01M         |
| POC6-M5M④    | 6               | M5×0.8 | 3 [3.2]                   | 17.5 | 14.5 [14.3] | 11.7          | 2.5       | 9.8 | 11.8      | 9.8 | 5.2                     | 4.4           | POC6-M5M         |
| POC6-M6M④    |                 | M6×1   | 3.9                       | 18   | 14.1        |               | 3         |     |           |     | 7.1                     | 4.7           | POC6-M6M         |
| POC6-01M④    |                 | R1/8   | 8                         | 17.9 | 13.9        |               | 4         |     |           |     | 10                      | 13            | 5.6              |
| POC1/8-M3M④  | 1/8             | M3×0.5 | 2.5 [2.2]                 | 15.1 | 12.6 [12.9] | 10.9          | 1.5       | 8   | 9.8       | 7.8 | 1.8                     | 2.3           | POC1_8-M3M       |
| POC1/8-M5M④  |                 | M5×0.8 | 3 [3.2]                   | 15.6 | 12.6 [12.4] |               | 2         |     |           |     | 3.3                     | 3             | POC1_8-M5M       |
| POC1/8-M6M④  |                 | M6×1   | 3.9                       | 16.6 | 12.7        |               | 3         |     |           |     | 3.1                     | 3.6           | POC1_8-M6M       |
| POC5/32-M3M④ | 5/32            | M3×0.5 | 2.5 [2.2]                 | 15.1 | 12.6 [12.9] | 10.9          | 1.5       | 8   | 9.8       | 7.8 | 1.8                     | 2.2           | POC5_32-M3M      |
| POC5/32-M5M④ |                 | M5×0.8 | 3 [3.2]                   | 15.6 | 12.6 [12.4] |               | 2.5       |     |           |     | 5.1                     | 3             | POC5_32-M5M      |
| POC5/32-M6M④ |                 | M6×1   | 3.9                       | 16.6 |             |               | 3         |     |           |     | 7                       | 3.3           | POC5_32-M6M      |
| POC5/32-01M④ |                 | R1/8   | 8                         | 15.8 | 11.8        |               | 3         | 7.4 |           |     | 6.2                     | POC5_32-01M   |                  |
| POC1/4-M5M④  | 1/4             | M5×0.8 | 3 [3.2]                   | 17.1 | 14.1 [13.9] | 11.4          | 2.5       | 9.8 | 11.8      | 9.8 | 4.8                     | 3.8           | POC1_4-M5M       |
| POC1/4-M6M④  |                 | M6×1   | 4                         | 17.7 | 13.7        |               | 3         |     |           |     | 7.3                     | 4.1           | POC1_4-M6M       |
| POC1/4-01M④  |                 | R1/8   | 8                         |      |             |               | 4         |     |           |     | 10                      | 5.2           | 12               |
| POC1/4-M7M④  |                 | M7×1   | Ask us for the dimensions |      |             |               |           |     |           |     |                         |               |                  |
| POC1/8-M7M④  | 1/8             | M7×1   |                           |      |             |               |           |     |           |     |                         |               |                  |
| POC3/16-M5M④ | 3/16            | M5×0.8 |                           |      |             |               |           |     |           |     |                         |               |                  |
| POC2-M3M④    | 2               | M3×0.5 | 2.5 [2.2]                 | 12.1 | 9.6 [9.9]   | 8.4           | 1.3       | 5   | 4.8       | —   | 0.7                     | 0.9           | POC2-M3M         |

※ 1. ④ in Model code / Replaced with "W" for Light-gray color and/or "C" for Clean-room package

※ 2. "L" is a reference value for height dimension after tightening taper thread.

※ 3. Dimensions in [ ] are for clean-room package products