

## One-touch fittings---threaded type



### Specification

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Operating pressure range           | 0~9kgf/cm <sup>2</sup> (0~0.9MPa) |
| Negative pressure                  | -750mmHg(10Torr)                  |
| Proof pressure                     | 1.5MPa                            |
| Ambient and fluid temperature (°C) | 0~60                              |
| Applicable tubing                  | Soft nylon or polyurethane        |
| Color                              | Grey/black                        |

### Product feature

1. Variable models can be widely used in every kind of pneumatic systems.
2. High circulation performance: bear the same flow with the volume of the tubing inside diameter.
3. Connect tubing easily and conveniently. The tubing connection portion is safe and durable.
4. The threaded portion is covered with sealant and the M5 thread is attached with a sealing gasket to prevent air leakage over the connection thread portion.
5. The nickel plated body is anti-corrosion and anti-pollution, which allows a broader application.

Table for interface port and tube O.D.

| Product series | Thread type | Port size |       |        |     |     |
|----------------|-------------|-----------|-------|--------|-----|-----|
|                |             | Φ4        | Φ6    | Φ8     | Φ10 | Φ12 |
| PL             | M5          | ●         | ●     |        | ●   | ●   |
|                | 1/8"        | ●         | ●     | ●      | ●   | ●   |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   |     |
|                | 1/2"        |           | ●     | ●      | ●   | ●   |
| PLL            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       |        | ●   | ●   |
| PLF            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         |       |        |     | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
| PCF            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           | ●     | ●      | ●   | ●   |
| PMF            | M5          |           |       |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           | ●     | ●      | ●   | ●   |
| PH             | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      |     |     |
|                | 1/4"        |           | ●     | ●      | ●   |     |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
| PHW            | 1/8"        | ●         | ●     |        |     |     |
|                | 1/4"        |           | ●     | ●      | ●   |     |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
|                |             |           |       |        |     |     |
| PHF            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      |     |     |
|                | 1/4"        |           | ●     | ●      | ●   |     |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
| PEB            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
| PED            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         | ●     | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
| PYB            | M5          | ●         | ●     |        |     |     |
|                | 1/8"        | ●         | ●     | ●      | ●   |     |
|                | 1/4"        | ●         |       | ●      | ●   | ●   |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       |        | ●   | ●   |
| PZB            | 1/8"        |           | ●     | ●      |     |     |
|                | 1/4"        |           | ●     | ●      | ●   |     |
|                | 3/8"        |           | ●     | ●      | ●   | ●   |
|                | 1/2"        |           |       | ●      | ●   | ●   |
|                |             |           |       |        |     |     |
| Product series | Thread type | Port size |       |        |     |     |
|                |             | Φ6—Φ4     | Φ8—Φ6 | Φ10—Φ8 |     |     |
| PKD            | 1/8"        | ●         |       |        |     |     |
|                | 1/4"        |           | ●     |        |     |     |
|                | 3/8"        |           |       |        | ●   |     |

### Ordering code

Same diameter type fittings

PL 6 01

| Model                            | Thread type |
|----------------------------------|-------------|
| PHW: Double universal male elbow | Blank: PT   |
| PL: Male elbow                   |             |
| PHF: Universal female elbow      |             |
| PLL: Extended male elbow         |             |
| PEB: Male branch tee             |             |
| PLF: Female elbow                |             |
| PED: Male run tee                |             |
| PCF: Female connector            |             |
| PYB: Branch "Y"                  |             |
| PMF: Bulkhead connector          |             |
| PZB: Threaded cross              |             |
| PH: Universal male elbow         |             |

### Standard color

| Standard color | Specification                            |
|----------------|------------------------------------------|
| Blank: Gray    | PCF\PMF Release button: Gray             |
|                | Others Release button: Gray Body: Gray   |
| D: Black       | PCF\PMF Release button: Black            |
|                | Others Release button: Black Body: Black |

### Thread connection

| Thread connection | Adaptable port size |
|-------------------|---------------------|
| M5: M5 × 0.8      | Φ4\Φ6               |
| 01: 1/8"          | Φ4\Φ6               |
| 02: 1/4"          | Φ8\Φ10              |
| 03: 3/8"          | Φ12                 |
| 04: 1/2"          |                     |

### Port size

|           |
|-----------|
| 4: Φ4mm   |
| 6: Φ6mm   |
| 8: Φ8mm   |
| 10: Φ10mm |
| 12: Φ12mm |

Different diameter type fittings

PKD 6 - 4 01

| Model                           | Thread type |
|---------------------------------|-------------|
| PKD: Male reducer triple branch | Blank: PT   |

| Port size |
|-----------|
| 6: Φ6mm   |
| 8: Φ8mm   |
| 10: Φ10mm |

| Port size |
|-----------|
| 4: Φ4mm   |
| 6: Φ6mm   |
| 8: Φ8mm   |

### Standard color

| Standard color | Specification         |
|----------------|-----------------------|
| Blank: Gray    | Release button: Gray  |
|                | Body: Gray            |
| D: Black       | Release button: Black |
|                | Body: Black           |

### Thread connection

|          |
|----------|
| 01: 1/8" |
| 02: 1/4" |
| 03: 3/8" |

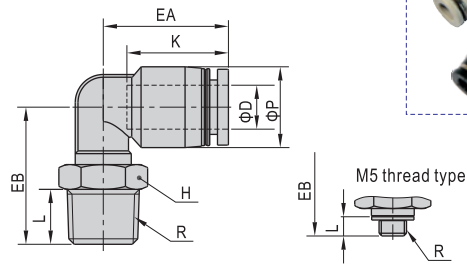


Tube fittings

## One-touch fittings---threaded type

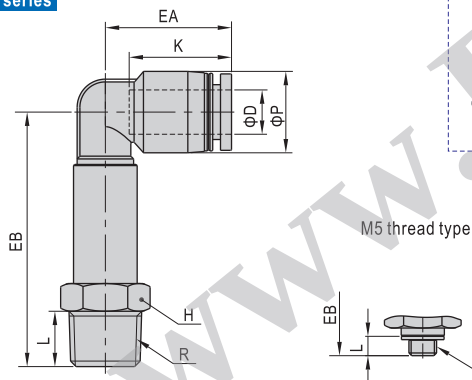
### ■ Dimensions

#### PL series



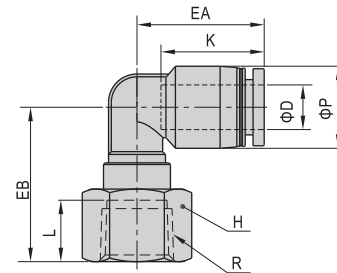
| Model\Item | ΦD | R      | ΦP   | L   | K    | EA   | EB   | H(Across flat) | Weight(g) |
|------------|----|--------|------|-----|------|------|------|----------------|-----------|
| PL4M5      | 4  | M5×0.8 | 9    | 3.5 | 14   | 17   | 15   | 8              | 3         |
| PL401      |    | 1/8"   | 9    | 7.5 | 14   | 17   | 18.5 | 10             | 4.5       |
| PL402      |    | 1/4"   | 9    | 10  | 14   | 17   | 22   | 14             | 12        |
| PL6M5      | 6  | M5×0.8 | 12.5 | 3.5 | 17   | 20   | 17   | 8              | 4.5       |
| PL601      |    | 1/8"   | 12.5 | 7.5 | 17   | 20   | 20.5 | 10             | 6         |
| PL602      |    | 1/4"   | 12.5 | 10  | 17   | 20   | 24   | 14             | 13.5      |
| PL603      |    | 3/8"   | 12.5 | 11  | 17   | 20   | 25.5 | 17             | 20.5      |
| PL604      |    | 1/2"   | 12.5 | 14  | 17   | 20   | 30.0 | 21             | 36        |
| PL801      | 8  | 1/8"   | 15   | 7.5 | 18.5 | 23   | 20.5 | 10             | 7.5       |
| PL802      |    | 1/4"   | 15   | 10  | 18.5 | 23   | 25   | 14             | 13        |
| PL803      |    | 3/8"   | 15   | 11  | 18.5 | 23   | 26.5 | 17             | 21        |
| PL804      |    | 1/2"   | 15   | 14  | 18.5 | 23   | 31   | 21             | 36        |
| PL1001     | 10 | 1/8"   | 18   | 7.5 | 21   | 25.5 | 25   | 17             | 16.5      |
| PL1002     |    | 1/4"   | 18   | 10  | 21   | 25.5 | 27   | 17             | 19        |
| PL1003     |    | 3/8"   | 18   | 11  | 21   | 25.5 | 28   | 17             | 21        |
| PL1004     |    | 1/2"   | 18   | 14  | 21   | 25.5 | 32.5 | 21             | 37        |
| PL1201     | 12 | 1/8"   | 21   | 7.5 | 23   | 28.5 | 26.5 | 17             | 19        |
| PL1202     |    | 1/4"   | 21   | 10  | 23   | 28.5 | 28.5 | 17             | 21.5      |
| PL1203     |    | 3/8"   | 21   | 11  | 23   | 29.5 | 33   | 17             | 25.5      |
| PL1204     |    | 1/2"   | 21   | 14  | 23   | 29.5 | 34   | 21             | 37        |

#### PLL series



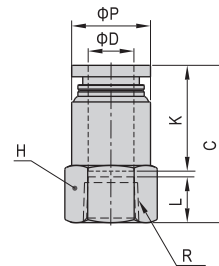
| Model\Item | ΦD | R      | ΦP   | L   | K    | EA   | EB   | H(Across flat) |
|------------|----|--------|------|-----|------|------|------|----------------|
| PLL4M5     | 4  | M5×0.8 | 9    | 3.5 | 14   | 17   | 32.5 | 8              |
| PLL401     |    | 1/8"   | 9    | 7.5 | 14   | 17   | 36   | 10             |
| PLL402     |    | 1/4"   | 9    | 10  | 14   | 17   | 39   | 14             |
| PLL6M5     | 6  | M5×0.8 | 12.5 | 3.5 | 17   | 20   | 35   | 8              |
| PLL601     |    | 1/8"   | 12.5 | 7.5 | 17   | 20   | 38   | 10             |
| PLL602     |    | 1/4"   | 12.5 | 10  | 17   | 20   | 41   | 14             |
| PLL603     |    | 3/8"   | 12.5 | 11  | 17   | 20   | 43.5 | 17             |
| PLL801     | 8  | 1/8"   | 15   | 7.5 | 18.5 | 23   | 43.5 | 10             |
| PLL802     |    | 1/4"   | 15   | 10  | 18.5 | 23   | 46   | 14             |
| PLL803     |    | 3/8"   | 15   | 11  | 18.5 | 23   | 48.5 | 17             |
| PLL1001    | 10 | 1/8"   | 18   | 7.5 | 21   | 25.5 | 51.5 | 15             |
| PLL1002    |    | 1/4"   | 18   | 10  | 21   | 25.5 | 54.5 | 15             |
| PLL1003    |    | 3/8"   | 18   | 11  | 21   | 25.5 | 55.5 | 17             |
| PLL1004    |    | 1/2"   | 18   | 14  | 21   | 25.5 | 60   | 21             |
| PLL1202    | 12 | 1/4"   | 21   | 10  | 23   | 28.5 | 56.5 | 15             |
| PLL1203    |    | 3/8"   | 21   | 11  | 23   | 29.5 | 61   | 17             |
| PLL1204    |    | 1/2"   | 21   | 14  | 23   | 29.5 | 64   | 21             |

#### PLF series



| Model\Item | ΦD | R      | ΦP   | L    | K    | EA   | EB   | H(Across flat) |
|------------|----|--------|------|------|------|------|------|----------------|
| PLF4M5     | 4  | M5×0.8 | 9    | 6    | 14   | 17   | 16   | 10             |
| PLF401     |    | 1/8"   | 9    | 8    | 14   | 17   | 21   | 14             |
| PLF402     |    | 1/4"   | 9    | 11   | 14   | 17   | 24   | 17             |
| PLF6M5     | 6  | M5×0.8 | 12.5 | 6    | 17   | 20   | 18.5 | 10             |
| PLF601     |    | 1/8"   | 12.5 | 8    | 17   | 20   | 23   | 14             |
| PLF602     |    | 1/4"   | 12.5 | 11   | 17   | 20   | 26   | 17             |
| PLF603     |    | 3/8"   | 12.5 | 12   | 17   | 20   | 27   | 21             |
| PLF801     | 8  | 1/8"   | 15   | 8    | 18.5 | 23   | 20   | 14             |
| PLF802     |    | 1/4"   | 15   | 11   | 18.5 | 23   | 27.5 | 17             |
| PLF803     |    | 3/8"   | 15   | 12   | 18.5 | 23   | 28.5 | 21             |
| PLF804     |    | 1/2"   | 15   | 13.5 | 18.5 | 23   | 30   | 25             |
| PLF1001    | 10 | 1/8"   | 18   | 8    | 21   | 25.5 | 24   | 17             |
| PLF1002    |    | 1/4"   | 18   | 11   | 21   | 25.5 | 26.5 | 17             |
| PLF1003    |    | 3/8"   | 18   | 12   | 21   | 25.5 | 30   | 21             |
| PLF1004    |    | 1/2"   | 18   | 13.5 | 21   | 25.5 | 31.5 | 25             |
| PLF1202    | 12 | 1/4"   | 21   | 11   | 23   | 28.5 | 28.5 | 17             |
| PLF1203    |    | 3/8"   | 21   | 12   | 23   | 29.5 | 32   | 21             |
| PLF1204    |    | 1/2"   | 21   | 13.5 | 23   | 29.5 | 33   | 25             |

#### PCF series

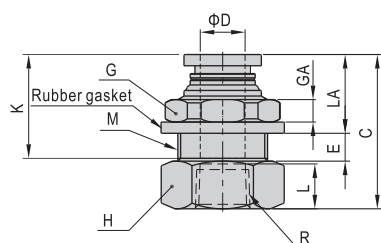


| Model\Item | ΦD | R      | ΦP   | L    | C    | K    | H(Across flat) |
|------------|----|--------|------|------|------|------|----------------|
| PCF4M5     | 4  | M5×0.8 | 9    | 6    | 21   | 14   | 10             |
| PCF401     |    | 1/8"   | 9.5  | 8    | 23   | 14   | 14             |
| PCF402     |    | 1/4"   | 9.5  | 11   | 26   | 14   | 17             |
| PCF6M5     | 6  | M5×0.8 | 12   | 6    | 21.5 | 16.5 | 12             |
| PCF601     |    | 1/8"   | 12.5 | 8    | 25.5 | 16.5 | 14             |
| PCF602     |    | 1/4"   | 12.5 | 11   | 28.5 | 16.5 | 17             |
| PCF603     |    | 3/8"   | 13   | 12   | 29.5 | 16.5 | 21             |
| PCF604     |    | 1/2"   | 13   | 13.5 | 31.0 | 16.5 | 25             |
| PCF801     | 8  | 1/8"   | 14   | 8    | 27.5 | 18.5 | 14             |
| PCF802     |    | 1/4"   | 14.5 | 11   | 30.5 | 18.5 | 17             |
| PCF803     |    | 3/8"   | 14.5 | 12   | 31.5 | 18.5 | 21             |
| PCF804     |    | 1/2"   | 14.5 | 13.5 | 33   | 18.5 | 25             |
| PCF1001    | 10 | 1/8"   | 17   | 8    | 29   | 21   | 17             |
| PCF1002    |    | 1/4"   | 17   | 11   | 33   | 21   | 17             |
| PCF1003    |    | 3/8"   | 18   | 12   | 34   | 21   | 21             |
| PCF1004    |    | 1/2"   | 18   | 13.5 | 35.5 | 21   | 25             |
| PCF1202    | 12 | 1/4"   | 21   | 11   | 33.5 | 23   | 21             |
| PCF1203    |    | 3/8"   | 21   | 12   | 35.5 | 23   | 21             |
| PCF1204    |    | 1/2"   | 21   | 13.5 | 37   | 23   | 25             |

# Accessories—One-Touch Fittings

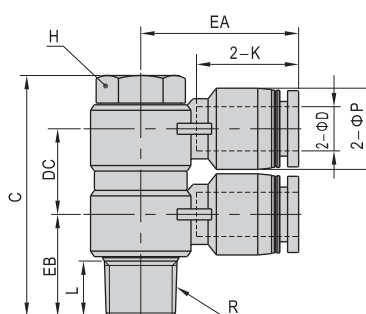
## One-touch fittings---threaded type

### PMF series



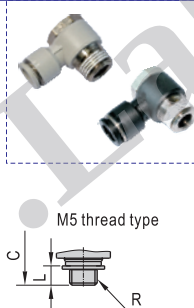
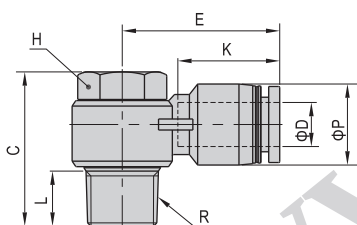
| Model\Item | ΦD | R    | M     | L    | C    | K    | LA   | E   | G(Across flat) | GA | H(Across flat) |
|------------|----|------|-------|------|------|------|------|-----|----------------|----|----------------|
| PMF401     | 4  | 1/8" | M12X1 | 8    | 25   | 14   | 12   | 4   | 14             | 4  | 14             |
| PMF402     |    | 1/4" | M12X1 | 11   | 29   | 14   | 12   | 4   | 14             | 4  | 17             |
| PMF601     | 6  | 1/8" | M14X1 | 8    | 25.5 | 16.5 | 12.5 | 5   | 17             | 4  | 17             |
| PMF602     |    | 1/4" | M14X1 | 11   | 30.5 | 16.5 | 12.5 | 5   | 17             | 4  | 17             |
| PMF603     |    | 3/8" | M14X1 | 12   | 31.5 | 16.5 | 12.5 | 5   | 17             | 4  | 21             |
| PMF801     | 8  | 1/8" | M16X1 | 8    | 27.5 | 18.5 | 13.5 | 5.5 | 19             | 4  | 19             |
| PMF802     |    | 1/4" | M16X1 | 11   | 32   | 18.5 | 13.5 | 5.5 | 19             | 4  | 19             |
| PMF803     |    | 3/8" | M16X1 | 12   | 33   | 18.5 | 13.5 | 5.5 | 19             | 4  | 21             |
| PMF804     |    | 1/2" | M16X1 | 13.5 | 34.5 | 18.5 | 13.5 | 5.5 | 19             | 4  | 25             |
| PMF1001    | 10 | 1/8" | M20X1 | 8    | 30   | 21   | 14.5 | 7.5 | 24             | 5  | 22             |
| PMF1002    |    | 1/4" | M20X1 | 11   | 35   | 21   | 14.5 | 7.5 | 24             | 5  | 22             |
| PMF1003    |    | 3/8" | M20X1 | 12   | 36   | 21   | 14.5 | 7.5 | 24             | 5  | 22             |
| PMF1004    |    | 1/2" | M20X1 | 13.5 | 37.5 | 21   | 14.5 | 7.5 | 24             | 5  | 25             |
| PMF1202    | 12 | 1/4" | M22X1 | 11   | 34.5 | 23   | 15.5 | 8   | 27             | 6  | 24             |
| PMF1203    |    | 3/8" | M22X1 | 12   | 37.5 | 23   | 15.5 | 8   | 27             | 6  | 24             |
| PMF1204    |    | 1/2" | M22X1 | 13.5 | 39   | 23   | 15.5 | 8   | 27             | 6  | 25             |

### PHW series



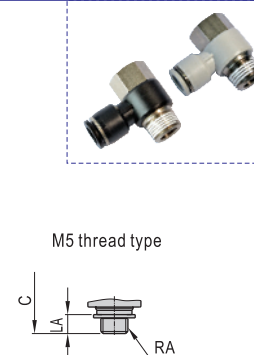
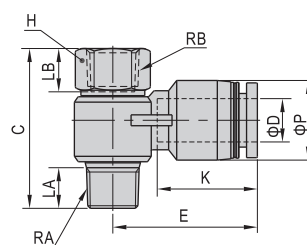
| Model\Item | ΦD | R    | ΦP   | L   | C    | K    | EA   | EB   | DC   | H(Across flat) |
|------------|----|------|------|-----|------|------|------|------|------|----------------|
| PHW401     | 4  | 1/8" | 9    | 7.5 | 38   | 14   | 20.5 | 14.5 | 13   | 11             |
| PHW601     | 6  | 1/8" | 12.5 | 7.5 | 38   | 16.5 | 23.0 | 15   | 13   | 11             |
| PHW602     |    | 1/4" | 12.5 | 10  | 43.5 | 16.5 | 25.0 | 17.5 | 15.5 | 14             |
| PHW603     |    | 3/8" | 12.5 | 11  | 50   | 16.5 | 27.0 | 20   | 16.5 | 19             |
| PHW801     | 8  | 1/8" | 15   | 7.5 | 40.5 | 18.5 | 26.5 | 16.5 | 15.5 | 11             |
| PHW802     |    | 1/4" | 15   | 10  | 43.5 | 18.5 | 28.5 | 18.5 | 15.5 | 14             |
| PHW803     |    | 3/8" | 15   | 11  | 50   | 18.5 | 29.5 | 20   | 16.5 | 19             |
| PHW804     |    | 1/2" | 15   | 14  | 61   | 18.5 | 32   | 24.5 | 22   | 24             |
| PHW1002    | 10 | 1/4" | 18   | 10  | 46.5 | 21   | 31   | 20   | 18.5 | 14             |
| PHW1003    |    | 3/8" | 18   | 11  | 55   | 21   | 33   | 21   | 22   | 19             |
| PHW1004    |    | 1/2" | 18   | 14  | 61   | 21   | 35.5 | 25   | 22   | 24             |
| PHW1203    | 12 | 3/8" | 21   | 11  | 55   | 23   | 36   | 23   | 22   | 19             |
| PHW1204    |    | 1/2" | 21   | 14  | 61   | 23   | 38   | 26.5 | 22   | 24             |

### PH series



| Model\Item | ΦD | R      | ΦP   | L   | C  | K    | E    | H(Across flat) |
|------------|----|--------|------|-----|----|------|------|----------------|
| PH4M5      | 4  | M5×0.8 | 9    | 3.5 | 17 | 14   | 19   | 8              |
| PH401      |    | 1/8"   | 9    | 7.5 | 25 | 14   | 20.5 | 11             |
| PH6M5      | 6  | M5×0.8 | 12.5 | 3.5 | 17 | 16.5 | 23.5 | 8              |
| PH601      |    | 1/8"   | 12.5 | 7.5 | 25 | 16.5 | 23   | 11             |
| PH602      |    | 1/4"   | 12.5 | 10  | 28 | 16.5 | 25   | 14             |
| PH603      |    | 3/8"   | 12.5 | 11  | 33 | 16.5 | 27   | 19             |
| PH801      | 8  | 1/8"   | 15   | 7.5 | 25 | 18.5 | 26.5 | 11             |
| PH802      |    | 1/4"   | 15   | 10  | 28 | 18.5 | 28.5 | 14             |
| PH803      |    | 3/8"   | 15   | 11  | 33 | 18.5 | 29.5 | 19             |
| PH804      |    | 1/2"   | 15   | 14  | 39 | 18.5 | 32   | 24             |
| PH1002     | 10 | 1/4"   | 18   | 10  | 28 | 21   | 31   | 14             |
| PH1003     |    | 3/8"   | 18   | 11  | 33 | 21   | 33   | 19             |
| PH1004     |    | 1/2"   | 18   | 14  | 39 | 21   | 35.5 | 24             |
| PH1203     | 12 | 3/8"   | 21   | 11  | 33 | 23   | 36   | 19             |
| PH1204     |    | 1/2"   | 21   | 14  | 39 | 23   | 38   | 24             |

### PHF series



| Model\Item | ΦD | RA     | RB     | ΦP   | LA  | LB   | C    | K    | E    | H(Across flat) |
|------------|----|--------|--------|------|-----|------|------|------|------|----------------|
| PHF4M5     | 4  | M5×0.8 | M5×0.8 | 9    | 3.5 | 6    | 20   | 14   | 19   | 8              |
| PHF401     |    | 1/8"   | 1/8"   | 9    | 7.5 | 8    | 29.5 | 14   | 20.5 | 12             |
| PHF6M5     | 6  | M5×0.8 | M5×0.8 | 12.5 | 3.5 | 6    | 20   | 16.5 | 23.5 | 8              |
| PHF601     |    | 1/8"   | 1/8"   | 12.5 | 7.5 | 8    | 29.5 | 16.5 | 23   | 12             |
| PHF602     |    | 1/4"   | 1/4"   | 12.5 | 10  | 11   | 35   | 16.5 | 25   | 17             |
| PHF603     |    | 3/8"   | 3/8"   | 12.5 | 11  | 12   | 40   | 16.5 | 27   | 19             |
| PHF801     | 8  | 1/8"   | 1/8"   | 15   | 7.5 | 8    | 29.5 | 18.5 | 26.5 | 12             |
| PHF802     |    | 1/4"   | 1/4"   | 15   | 10  | 11   | 35   | 18.5 | 28.5 | 17             |
| PHF803     |    | 3/8"   | 3/8"   | 15   | 11  | 12   | 40   | 18.5 | 29.5 | 19             |
| PHF804     |    | 1/2"   | 1/2"   | 15   | 14  | 13.5 | 47.5 | 18.5 | 32   | 24             |
| PHF1002    | 10 | 1/4"   | 1/4"   | 18   | 10  | 11   | 35   | 21   | 31   | 17             |
| PHF1003    |    | 3/8"   | 3/8"   | 18   | 11  | 12   | 40   | 21   | 33   | 19             |
| PHF1004    |    | 1/2"   | 1/2"   | 18   | 14  | 13.5 | 47.5 | 21   | 35.5 | 24             |
| PHF1203    | 12 | 3/8"   | 3/8"   | 21   | 11  | 12   | 40   | 23   | 36   | 19             |
| PHF1204    |    | 1/2"   | 1/2"   | 21   | 14  | 13.5 | 47.5 | 23   | 38   | 24             |

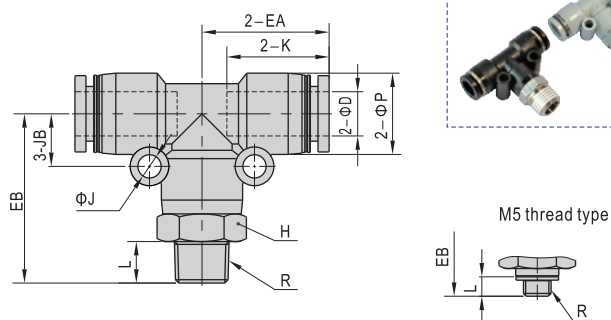


Tube fittings

# Accessories—One-Touch Fittings

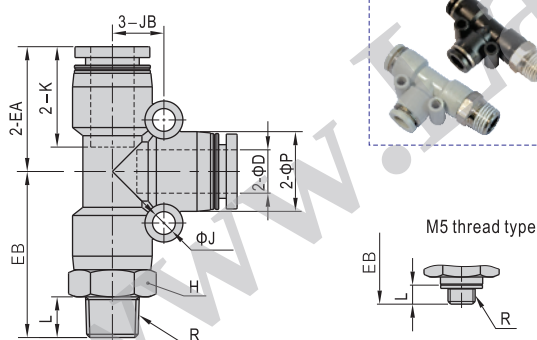
## One-touch fittings---threaded type

### PEB series



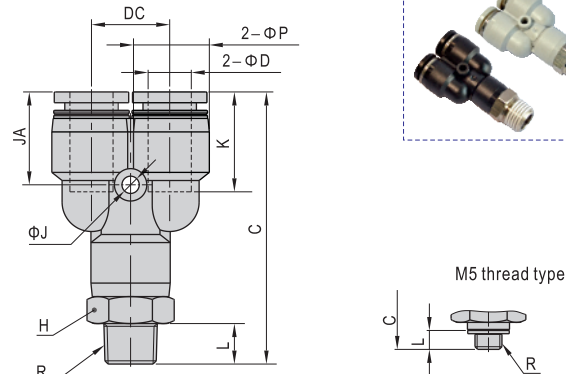
| Model\Item | ΦD | R      | ΦP   | L   | K    | EA   | EB   | ΦJ  | JB  | H(Across flat) |
|------------|----|--------|------|-----|------|------|------|-----|-----|----------------|
| PEB4M5     |    | M5×0.8 | 9    | 3.5 | 14   | 17   | 21   | 3.2 | 6.5 | 9              |
| PEB401     | 4  | 1/8"   | 9    | 7.5 | 14   | 17   | 25   | 3.2 | 6.5 | 10             |
| PEB402     |    | 1/4"   | 9    | 10  | 14   | 17   | 28   | 3.2 | 6.5 | 14             |
| PEB6M5     |    | M5×0.8 | 12.5 | 3.5 | 16.5 | 20   | 23.5 | 3.2 | 8   | 12             |
| PEB601     | 6  | 1/8"   | 12.5 | 7.5 | 16.5 | 20   | 27.5 | 3.2 | 8   | 12             |
| PEB602     |    | 1/4"   | 12.5 | 10  | 16.5 | 20   | 30.5 | 3.2 | 8   | 14             |
| PEB603     |    | 3/8"   | 12.5 | 11  | 16.5 | 20   | 32   | 3.2 | 8   | 17             |
| PEB801     | 8  | 1/8"   | 15   | 7.5 | 18.5 | 23   | 30.5 | 4.3 | 9.5 | 14             |
| PEB802     |    | 1/4"   | 15   | 10  | 18.5 | 23   | 33   | 4.3 | 9.5 | 14             |
| PEB803     |    | 3/8"   | 15   | 11  | 18.5 | 23   | 34.5 | 4.3 | 9.5 | 17             |
| PEB804     |    | 1/2"   | 15   | 14  | 18.5 | 23   | 38.5 | 4.3 | 9.5 | 21             |
| PEB1001    | 10 | 1/8"   | 18   | 7.5 | 21   | 26.5 | 34   | 4.3 | 11  | 17             |
| PEB1002    |    | 1/4"   | 18   | 10  | 21   | 26.5 | 36.5 | 4.3 | 11  | 17             |
| PEB1003    |    | 3/8"   | 18   | 11  | 21   | 26.5 | 37.5 | 4.3 | 11  | 17             |
| PEB1004    |    | 1/2"   | 18   | 14  | 21   | 26.5 | 41.5 | 4.3 | 11  | 21             |
| PEB1202    | 12 | 1/4"   | 21   | 10  | 23   | 30   | 41   | 4.3 | 13  | 21             |
| PEB1203    |    | 3/8"   | 21   | 11  | 23   | 30   | 42   | 4.3 | 13  | 21             |
| PEB1204    |    | 1/2"   | 21   | 14  | 23   | 30   | 45   | 4.3 | 13  | 21             |

### PED series



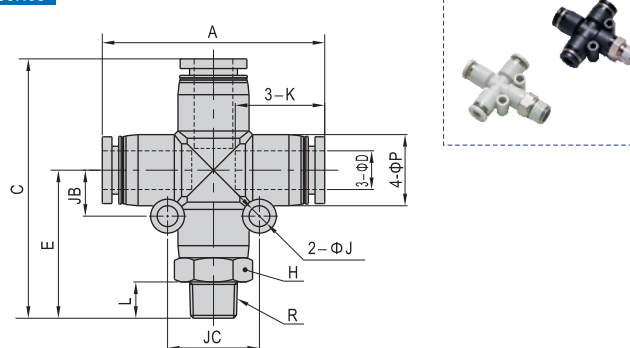
| Model\Item | ΦD | R      | ΦP   | L   | K    | EA   | EB   | ΦJ  | JB  | H(Across flat) |
|------------|----|--------|------|-----|------|------|------|-----|-----|----------------|
| PED4M5     |    | M5×0.8 | 9    | 3.5 | 14   | 17   | 21   | 3.2 | 6.5 | 9              |
| PED401     | 4  | 1/8"   | 9    | 7.5 | 14   | 17   | 25   | 3.2 | 6.5 | 10             |
| PED402     |    | 1/4"   | 9    | 10  | 14   | 17   | 28   | 3.2 | 6.5 | 14             |
| PED6M5     |    | M5×0.8 | 12.5 | 3.5 | 16.5 | 20   | 23.5 | 3.2 | 8   | 12             |
| PED601     | 6  | 1/8"   | 12.5 | 7.5 | 16.5 | 20   | 27.5 | 3.2 | 8   | 12             |
| PED602     |    | 1/4"   | 12.5 | 10  | 16.5 | 20   | 30.5 | 3.2 | 8   | 14             |
| PED603     |    | 3/8"   | 12.5 | 11  | 16.5 | 20   | 32   | 3.2 | 8   | 17             |
| PED801     | 8  | 1/8"   | 15   | 7.5 | 18.5 | 23   | 30.5 | 4.3 | 9.5 | 14             |
| PED802     |    | 1/4"   | 15   | 10  | 18.5 | 23   | 33   | 4.3 | 9.5 | 14             |
| PED803     |    | 3/8"   | 15   | 11  | 18.5 | 23   | 34.5 | 4.3 | 9.5 | 17             |
| PED804     |    | 1/2"   | 15   | 14  | 18.5 | 23   | 38.5 | 4.3 | 9.5 | 21             |
| PED1001    | 10 | 1/8"   | 18   | 7.5 | 21   | 26.5 | 34   | 4.3 | 11  | 17             |
| PED1002    |    | 1/4"   | 18   | 10  | 21   | 26.5 | 36.5 | 4.3 | 11  | 17             |
| PED1003    |    | 3/8"   | 18   | 11  | 21   | 26.5 | 37.5 | 4.3 | 11  | 17             |
| PED1004    |    | 1/2"   | 18   | 14  | 21   | 26.5 | 41.5 | 4.3 | 11  | 21             |
| PED1202    | 12 | 1/4"   | 21   | 10  | 23   | 30   | 41   | 4.3 | 13  | 21             |
| PED1203    |    | 3/8"   | 21   | 11  | 23   | 30   | 42   | 4.3 | 13  | 21             |
| PED1204    |    | 1/2"   | 21   | 14  | 23   | 30   | 45   | 4.3 | 13  | 21             |

### PYB series



| Model\Item | ΦD | R      | ΦP   | L   | C    | K    | ΦJ  | JA   | DC   | H(Across flat) |
|------------|----|--------|------|-----|------|------|-----|------|------|----------------|
| PYB4M5     |    | M5×0.8 | 9    | 3.5 | 35.5 | 14   | 3.2 | 13   | 10   | 9              |
| PYB401     | 4  | 1/8"   | 9    | 7.5 | 39.5 | 14   | 3.2 | 13   | 10   | 10             |
| PYB402     |    | 1/4"   | 9    | 10  | 42.5 | 14   | 3.2 | 13   | 10   | 14             |
| PYB6M5     |    | M5×0.8 | 12.5 | 3.5 | 40.5 | 16.5 | 3.2 | 15.5 | 12   | 12             |
| PYB601     | 6  | 1/8"   | 12.5 | 7.5 | 44.5 | 16.5 | 3.2 | 15.5 | 12   | 12             |
| PYB602     |    | 1/4"   | 12.5 | 10  | 47.5 | 16.5 | 3.2 | 15.5 | 12   | 14             |
| PYB603     |    | 3/8"   | 12.5 | 11  | 49.0 | 16.5 | 3.2 | 15.5 | 12   | 17             |
| PYB801     | 8  | 1/8"   | 15   | 7.5 | 50   | 18.5 | 3.2 | 17   | 14.5 | 14             |
| PYB802     |    | 1/4"   | 15   | 10  | 52.5 | 18.5 | 3.2 | 17   | 14.5 | 14             |
| PYB803     |    | 3/8"   | 15   | 11  | 54   | 18.5 | 3.2 | 17   | 14.5 | 17             |
| PYB804     |    | 1/2"   | 15   | 14  | 58   | 18.5 | 3.2 | 17   | 14.5 | 21             |
| PYB1001    | 10 | 1/8"   | 18   | 7.5 | 56.5 | 21   | 4.3 | 19.5 | 18   | 17             |
| PYB1002    |    | 1/4"   | 18   | 10  | 59   | 21   | 4.3 | 19.5 | 18   | 17             |
| PYB1003    |    | 3/8"   | 18   | 11  | 60   | 21   | 4.3 | 19.5 | 18   | 17             |
| PYB1004    |    | 1/2"   | 18   | 14  | 64   | 21   | 4.3 | 19.5 | 18   | 21             |
| PYB1202    | 12 | 1/4"   | 21   | 10  | 66   | 23   | 4.3 | 21   | 20.5 | 21             |
| PYB1203    |    | 3/8"   | 21   | 11  | 67   | 23   | 4.3 | 21   | 20.5 | 21             |
| PYB1204    |    | 1/2"   | 21   | 14  | 70   | 23   | 4.3 | 21   | 20.5 | 21             |

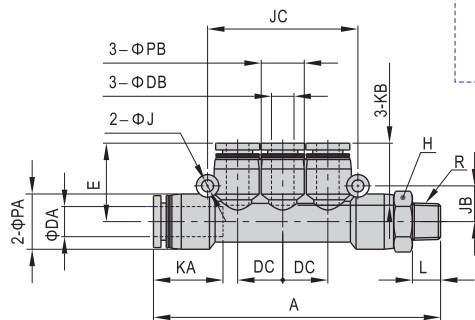
### PZB series



| Model\Item | ΦD | R    | L   | A    | E    | C    | ΦP   | K    | ΦJ  | JB  | JC | H(Across flat) |
|------------|----|------|-----|------|------|------|------|------|-----|-----|----|----------------|
| PZB601     |    | 1/8" | 7.5 |      | 27.5 | 47.5 |      |      |     |     |    | 12             |
| PZB602     | 6  | 1/4" | 10  | 39.5 | 30.5 | 50.5 | 12.5 | 16.5 | 3.2 | 8   | 16 | 14             |
| PZB603     |    | 3/8" | 11  |      | 32   | 52   |      |      |     |     |    | 17             |
| PZB801     | 8  | 1/8" | 7.5 |      | 30.5 | 53.5 |      |      |     |     |    | 14             |
| PZB802     |    | 1/4" | 10  | 46   | 33   | 56   | 15   | 18.5 | 4.3 | 9.5 | 19 | 14             |
| PZB803     |    | 3/8" | 11  |      | 34.5 | 57.5 |      |      |     |     |    | 17             |
| PZB804     |    | 1/2" | 14  |      | 38.5 | 61.5 |      |      |     |     |    | 21             |
| PZB1002    | 10 | 1/4" | 10  |      | 36.5 | 63   |      |      |     |     |    | 17             |
| PZB1003    |    | 3/8" | 11  | 52.5 | 37.5 | 64   | 18   | 21   | 4.3 | 11  | 22 | 17             |
| PZB1004    |    | 1/2" | 14  |      | 41.5 | 68   |      |      |     |     |    | 21             |
| PZB1203    | 12 | 3/8" | 11  | 59.5 | 42   | 72   | 21   | 23   | 4.3 | 13  | 26 | 21             |
| PZB1204    |    | 1/2" | 14  |      | 45   | 75   |      |      |     |     |    | 21             |

One-touch fittings---threaded type

PKD series

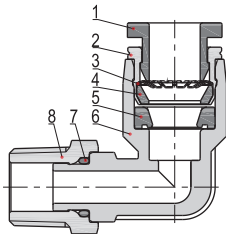


| Model\Item | $\Phi DA$ | $\Phi DB$ | R    | L   | A    | $\Phi PA$ | $\Phi PB$ |
|------------|-----------|-----------|------|-----|------|-----------|-----------|
| PKD6-401   | 6         | 4         | 1/8" | 7.5 | 66.5 | 12.5      | 9         |
| PKD8-602   | 8         | 6         | 1/4" | 10  | 79   | 15        | 12.5      |
| PKD10-803  | 10        | 8         | 3/8" | 11  | 91.5 | 18        | 15        |

| Model\Item | KA   | KB   | $\Phi J$ | JB  | JC | DC   | E    | H(Across flat) |
|------------|------|------|----------|-----|----|------|------|----------------|
| PKD6-401   | 16.5 | 14   | 3.2      | 8   | 34 | 10   | 17.5 | 12             |
| PKD8-602   | 18.5 | 16.5 | 3.2      | 9.5 | 40 | 12   | 21   | 14             |
| PKD10-803  | 21   | 18.5 | 4.3      | 11  | 48 | 14.5 | 24   | 17             |

Inner structure

Model: PL



| No. | Item           | Material        |
|-----|----------------|-----------------|
| 1   | Release button | POM             |
| 2   | Guide          | Aluminum alloy  |
| 3   | Spring gasket  | Stainless steel |
| 4   | Chuck          | POM             |
| 5   | O-ring         | NBR             |
| 6   | Body           | PBT             |
| 7   | O-ring         | NBR             |
| 8   | Stud           | Brass           |



Tube fittings