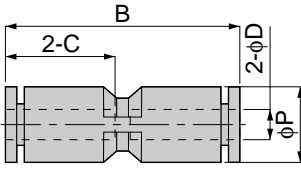


# Tube Fitting Series SUS303 Type

## SPU SUS303

Union Straight



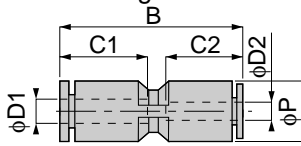
| Model  | Tube dia. $\phi D$ | B  | $\phi P$ | C    | Mass (g) | Orifice ( $\phi$ mm) | Eff. a. ( $\text{mm}^2$ ) |
|--------|--------------------|----|----------|------|----------|----------------------|---------------------------|
| SPU 4  | 4                  | 31 | 10       | 15   | 5        | 3.8                  | 5.3                       |
| SPU 6  | 6                  | 35 | 12.5     | 17   | 6.5      | 5.5                  | 12.5                      |
| SPU 8  | 8                  | 38 | 14.5     | 18   | 9.5      | 7                    | 20                        |
| SPU 10 | 10                 | 44 | 17.5     | 20   | 16       | 9                    | 35                        |
| SPU 12 | 12                 | 48 | 21       | 23.5 | 22       | 11                   | 59                        |
| SPU 16 | 16                 | 50 | 25       | 24.5 | 25       | 13                   | 147.6                     |

unit:mm

New

## SPG SUS303

Different Diam. Union Straight



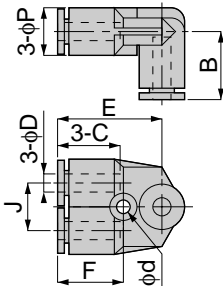
| Model     | Tube dia. $\phi D1$ | Tube dia. $\phi D2$ | B    | $\phi P$ | C1   | C2   | Mass (g) | Orifice ( $\phi$ mm) | Eff. a. ( $\text{mm}^2$ ) |
|-----------|---------------------|---------------------|------|----------|------|------|----------|----------------------|---------------------------|
| SPG 6-4   | 6                   | 4                   | 34.5 | 12.5     | 17   | 15   | 6.5      | 3                    | 5.3                       |
| SPG 8-6   | 8                   | 6                   | 38.5 | 14.5     | 18   | 17   | 9        | 5.5                  | 12.5                      |
| SPG 10-8  | 10                  | 8                   | 44   | 17.5     | 20   | 18   | 14.5     | 7                    | 20                        |
| SPG 12-10 | 12                  | 10                  | 53.5 | 21       | 23.5 | 20   | 22.5     | 9                    | 35                        |
| SPG 16-12 | 16                  | 12                  | 49.5 | 25       | 24.5 | 23.5 | 26.5     | 10                   | 88.6                      |

unit:mm

New

## SPAU SUS303

Union A



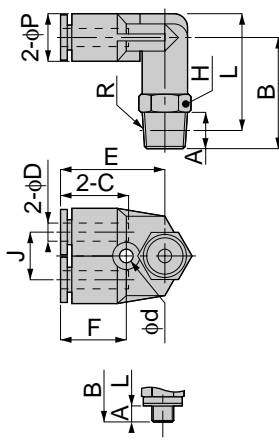
| Model   | Tube dia. $\phi D$ | B    | $\phi P$ | C    | J  | E    | $\phi d$ | F    | Mass (g) | Orifice ( $\phi$ mm) | Eff. a. ( $\text{mm}^2$ ) |
|---------|--------------------|------|----------|------|----|------|----------|------|----------|----------------------|---------------------------|
| SPAU 4  | 4                  | 17   | 10       | 15   | 11 | 23   | 3.2      | 14.5 | 8        | 3                    | 2.5                       |
| SPAU 6  | 6                  | 20   | 12.5     | 17   | 12 | 26.5 | 4.2      | 15.5 | 11.5     | 4.6                  | 7.2                       |
| SPAU 8  | 8                  | 23   | 14.5     | 18   | 14 | 29.5 | 4.2      | 17   | 16.5     | 6                    | 16.3                      |
| SPAU 10 | 10                 | 25.5 | 18       | 20   | 18 | 34   | 4.2      | 19   | 27       | 8                    | 27.9                      |
| SPAU 12 | 12                 | 29.5 | 21.5     | 23.5 | 20 | 35.5 | 4.2      | 20.5 | 39       | 10                   | 40                        |

unit:mm

New

## SPAX SUS303

Branch Elbow



Metric thread type



| Model      | Tube dia. $\phi D$ | R      | A  | B    | L    | $\phi P$ | C    | J   | E    | H    | $\phi d$ | F    | Mass (g) | Orifice ( $\phi$ mm) | Eff. a. ( $\text{mm}^2$ ) |
|------------|--------------------|--------|----|------|------|----------|------|-----|------|------|----------|------|----------|----------------------|---------------------------|
| SPAX 4-M5  | 4                  | M5×0.8 | 3  | 21.5 | 23.5 | 10       | 15   | 11  | 18   | 10   | 3.2      | 14.5 | 12.5     | 1.8                  | 2.2                       |
| SPAX 4-M6  |                    | M6×1   | 4  | 22.5 |      |          |      |     | 20   |      |          |      | 2.5      |                      |                           |
| SPAX 4-01  |                    | R1/8   | 8  | 24.5 | 25.5 |          |      |     | 23   | 14   |          |      | 15.5     | 3                    | 2.7                       |
| SPAX 4-02  |                    | R1/4   | 11 | 27.5 | 26.5 |          |      |     | 24   | 24   |          |      | 17       | 2.5                  |                           |
| SPAX 6-M5  | 6                  | M5×0.8 | 3  | 25   | 28   | 12.5     | 17   | 12  | 20.5 | 12   | 4.2      | 15.5 | 17       | 1.8                  | 2.2                       |
| SPAX 6-M6  |                    | M6×1   | 4  | 26   |      |          |      |     | 26.5 |      |          |      | 14       |                      | 17.5                      |
| SPAX 6-01  |                    | R1/8   | 8  | 28   | 30   |          |      |     | 26.5 | 14   |          |      | 18.5     | 4.6                  | 6.9                       |
| SPAX 6-02  |                    | R1/4   | 11 | 31   | 31   |          |      |     | 17   | 26.5 |          |      | 26.5     | 4.6                  | 6.6                       |
| SPAX 6-03  | R3/8               | 12     | 33 | 32.5 | 17   | 39.5     | 17   | 6.8 |      |      |          |      |          |                      |                           |
| SPAX 8-01  | 8                  | R1/8   | 8  | 31   | 34   | 14.5     | 18   | 14  | 29.5 | 14   | 4.2      | 17   | 25       | 6                    | 14.6                      |
| SPAX 8-02  |                    | R1/4   | 11 | 34   | 35   |          |      |     |      | 17   |          |      | 30.5     |                      | 14.5                      |
| SPAX 8-03  |                    | R3/8   | 12 | 36   | 36.5 |          |      |     |      | 17   |          |      | 44       |                      | 15                        |
| SPAX 10-01 | 10                 | R1/8   | 8  | 34   | 39   | 18       | 20   | 18  | 34   | 17   | 4.2      | 19   | 44       | 8                    | 15                        |
| SPAX 10-02 |                    | R1/4   | 11 | 37   | 40   |          |      |     |      |      |          |      | 21       |                      | 45                        |
| SPAX 10-03 |                    | R3/8   | 12 | 38   | 40.5 |          |      |     |      | 21   |          |      | 53.5     |                      | 27.2                      |
| SPAX 10-04 |                    | R1/2   | 15 | 41   | 42   |          |      |     |      | 21   |          |      | 75.5     |                      | 29.9                      |
| SPAX 12-02 | 12                 | R1/4   | 11 | 41   | 45.5 | 21.5     | 23.5 | 20  | 35.5 | 21   | 4.2      | 20.5 | 66       | 10                   | 38.2                      |
| SPAX 12-03 |                    | R3/8   | 12 | 42   | 46   |          |      |     |      |      |          |      | 67       |                      | 43.1                      |
| SPAX 12-04 |                    | R1/2   | 15 | 45   | 47.5 |          |      |     |      |      |          |      | 83       |                      | 42.1                      |

unit:mm