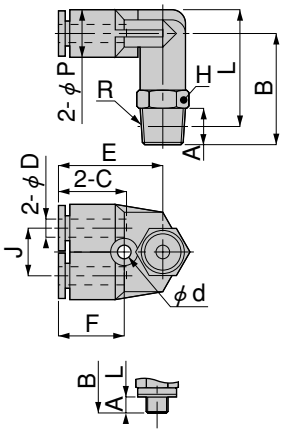
## Dimensions (mm)

### Branch elbow Y
### TBLY

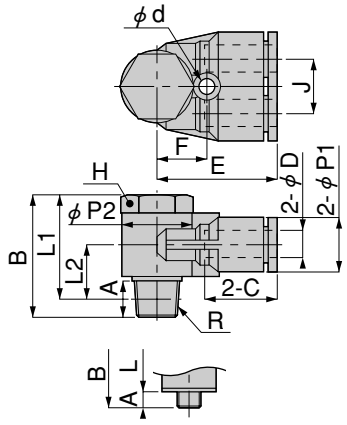



Metric thread type

| Model | Tube outer diameter φD | R | A | B | L Note | φP | C | J | E | Width across flats H | φd | F | Effective area (mm²) | Mass (g) [oz.] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TBLY4-M5** | 4 | M5X0.8 | 3 | 21.7 | 23.7 | 10 | 14.9 | 11 | 22.7 | 10 | 3.2 | 14.2 | 2.2 | 12 [0.42] |
| **TBLY4-M6** | | M6X1 | 4 | 22.7 | | | | | | | | | 2.5 | |
| **TBLY4-01** | | R1/8 | 8 | 24.7 | 25.7 | | | | | | | | 2.7 | 15 [0.53] |
| **TBLY4-02** | | R1/4 | 11 | 27.7 | 26.7 | | | | | 14 | | | 2.5 | 24 [0.85] |
| **TBLY6-M5** | 6 | M5X0.8 | 3 | 25 | 28.3 | 12.5 | 17 | 12 | 26.2 | 12 | 4.2 | 15.5 | 2.2 | 17 [0.60] |
| **TBLY6-M6** | | M6X1 | 4 | 26 | | | | | | | | | 6.4 | 18 [0.63] |
| **TBLY6-01** | | R1/8 | 8 | 28 | 30.3 | | | | | | | | 6.9 | 19 [0.67] |
| **TBLY6-02** | | R1/4 | 11 | 31 | 31.2 | | | | | 14 | | | 6.6 | 27 [0.95] |
| **TBLY6-03** | | R3/8 | 12 | 32.8 | 32.7 | | | | | 17 | | | 6.8 | 40 [1.41] |
| **TBLY8-01** | 8 | R1/8 | 8 | 31 | 34.3 | 14.5 | 18.1 | 14 | 29.4 | 14 | 4.2 | 16.9 | 14.6 | 25 [0.88] |
| **TBLY8-02** | | R1/4 | 11 | 34 | 35.2 | | | | | | | | 14.5 | 31 [1.09] |
| **TBLY8-03** | | R3/8 | 12 | 35.8 | 36.7 | | | | | 17 | | | 15 | 44 [1.55] |
| **TBLY10-02** | 10 | R1/4 | 11 | 37 | 39.7 | 17.5 | 20.2 | 18 | 33.5 | 17 | 4.2 | 18.5 | 26.1 | 46 [1.62] |
| **TBLY10-03** | | R3/8 | 12 | 38 | 40.4 | | | | | | | | 27.2 | 54 [1.90] |
| **TBLY10-04** | | R1/2 | 15 | 41 | 41.6 | | | | | 21 | | | 29.9 | 76 [2.68] |
| **TBLY12-02** | 12 | R1/4 | 11 | 41.2 | 45.7 | 21 | 23.4 | 20 | 35.2 | 21 | 4.2 | 20.7 | 38.2 | 67 [2.36] |
| **TBLY12-03** | | R3/8 | 12 | 42.2 | 46.4 | | | | | | | | 43.1 | 68 [2.40] |
| **TBLY12-04** | | R1/2 | 15 | 45.2 | 47.5 | | | | | | | | 42.1 | 83 [2.93] |

Note: The L dimensions for the tapered thread type are the reference dimensions after the fittings are assembled.

### Swing elbow Y
### SLY

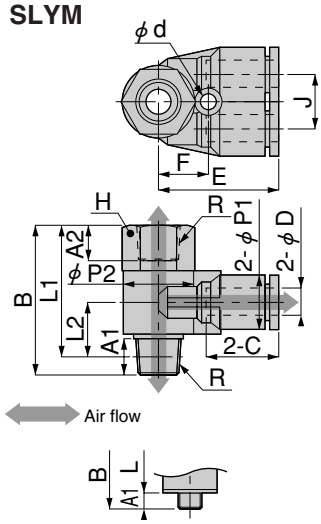



Metric thread type

| Model | Tube outer diameter φD | R | A | B | L1 Note | L2 Note | φP1 | φP2 | C | J | E | φd | F | Width across flats H | Effective area (mm²) | Mass (g) [oz.] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SLY4-M5** | 4 | M5X0.8 | 3 | 17.2 | 14.2 | 6.2 | 10 | 9.8 | 14.9 | 10 | 20.2 | — | — | 8 | 1.9 | 9.6 [0.339] |
| **SLY6-01** | 6 | R1/8 | 8 | 27 | 23 | 12 | 12.4 | 15.4 | 17 | 12 | 26.2 | 3.5 | 10.7 | 14 | 8.3 | 25 [0.88] |
| **SLY8-02** | 8 | R1/4 | 11 | 31.5 | 25.5 | 13.5 | 14.4 | 19 | 18.2 | 14 | 29.1 | 3.2 | 12.5 | 17 | 15.5 | 42 [1.48] |
| **SLY10-03** | 10 | R3/8 | 12 | 36 | 29.7 | 15.7 | 17.6 | 23 | 20.7 | 17 | 33.5 | 4.2 | 15 | 21 | 25.2 | 70 [2.47] |
| **SLY12-04** | 12 | R1/2 | 13 | 40.2 | 32 | 16.5 | 21 | 27 | 23.4 | 20 | 37.4 | 4.2 | 17 | 24 | 39.7 | 106 [3.74] |

Note: The L1 and L2 dimensions for the tapered thread type are the reference dimensions after the fittings are assembled.

### Female swing elbow Y
### SLYM




Metric thread type

| Model | Tube outer diameter φD | R Note1 | A1 | A2 | B | L1 Note2 | L2 Note2 | φP1 | φP2 | C | J | E | φd | F | Width across flats H | Effective area (mm²) | Mass (g) [oz.] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SLYM4-M5** | 4 | M5X0.8 | 3 | 5 | 20.2 | 17.2 | 6.2 | 10 | 9.8 | 14.9 | 10 | 20.2 | — | — | 8 | 1.7 | 11 [0.39] |
| **SLYM6-01** | 6 | ※1/8 | 8 | 8 | 32.5 | 28.5 | 12 | 12.4 | 15.4 | 17 | 12 | 26.2 | 3.5 | 10.7 | 14 | 7 | 27 [0.95] |
| **SLYM8-02** | 8 | ※1/4 | 11 | 11 | 38.5 | 32.5 | 13.5 | 14.4 | 19 | 18.2 | 14 | 29.1 | 3.2 | 12.5 | 17 | 13.8 | 44 [1.55] |
| **SLYM10-03** | 10 | ※3/8 | 12 | 12 | 44.5 | 38.2 | 15.7 | 17.6 | 23 | 20.7 | 17 | 33.5 | 4.2 | 15 | 21 | 21.9 | 73 [2.57] |
| **SLYM12-04** | 12 | ※1/2 | 13 | 15 | 52.2 | 44 | 16.5 | 21 | 27 | 23.4 | 20 | 37.4 | 4.2 | 17 | 24 | 39.2 | 111 [3.92] |

Notes: 1. For the female thread, Rc lies in the ※ area, while for male thread, R is in the ※ area (excluding metric thread type).
2. The L1 and L2 dimensions for the tapered thread type are the reference dimensions after the fittings are assembled.