
















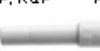


## One-touch Fitting Series **KQ2**

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <p>Hexagon socket head universal male elbow<br/>KQ2VS P. 45</p>  | <p>Hex. on the top allows thread connection by using an allen wrench for confined spaces.</p>                                     | <p>Triple branch universal male elbow<br/>KQ2ZT P. 48</p>  | <p>Use to six-branch line at right angles from female thread. Three individual parts rotate 360°.</p> | <p>Different dia. union "Y"<br/>KQ2U P. 54</p>  | <p>Use to branch line with size down in the same direction.</p>                                 |
| <p>Male branch connector<br/>KQ2LU P. 44</p>                     | <p>Use to branch piping at right angles to female thread.</p>   | <p>Branch union elbow<br/>KQ2LU P. 49</p>                  | <p>Use to branch line at right angles.</p>  | <p>Plug-in "Y"<br/>KQ2U P. 55</p>               | <p>Use to branch line in the same direction from One-touch fittings.</p>                        |
| <p>Universal female elbow<br/>KQ2VF P. 45</p>                    | <p>Use to branch line in the same direction or at the right angles from male or female thread. Multiplex connection possible.</p> | <p>Extended plug-in elbow<br/>KQ2W P. 49</p>               | <p>When the elbow extends over a standard elbow for ease of connection/disconnection of tube.</p>     | <p>Branch "Y"<br/>KQ2U P. 53</p>                | <p>Use to branch line in the same direction from female thread.</p>                             |
| <p>Female elbow<br/>KQ2LF P. 45</p>                              | <p>Use to pipe at right angles to male thread.</p>  | <p>Male delta union<br/>KQ2D P. 53</p>                     | <p>Use to branch line in 90° direction from female thread.</p>  | <p>Plug-in reducer<br/>KQ2R P. 56</p>           | <p>Use to change size of One-touch fittings.</p>  |
| <p>Double universal male elbow<br/>KQ2VD P. 46</p>              | <p>Use to branch line at right angles to female thread. Two individual parts rotate 360°.</p>                                     | <p>Delta union<br/>KQ2D P. 53</p>                         | <p>Use to branch in triple 90° direction.</p>   | <p>Bulkhead male elbow<br/>KQ2LE P. 56</p>     | <p>Use to connect tubes through a panel, changing by 90° in a tube fetching direction.</p>      |
| <p>Triple universal male elbow<br/>KQ2VT P. 47</p>             | <p>Use to three-branch line at right angles from female thread. Three individual parts rotate 360°.</p>                           | <p>Delta branch<br/>KQ2UD P. 54</p>                      | <p>Use to four-branch line in the same direction from female thread.</p>                              | <p>Adaptor<br/>KQ2N P. 57</p>                 | <p>Use to connect fitting and R female thread.</p>  |
| <p>Branch universal male elbow<br/>KQ2Z P. 47</p>              | <p>Hexagonal head allows thread connection by using a box wrench. Use for branch connection.</p>                                  | <p>Different dia. double union "Y"<br/>KQ2UD P. 54</p>   | <p>Use to four-branch line in the same direction with size down.</p>                                  | <p>Tube cap<br/>KQ2C P. 57</p>                | <p>Use to plug unused tube.</p>   |
| <p>Branch universal female elbow<br/>KQ2ZF P. 47</p>           | <p>Use to branch line in the same direction or at right angles from male or female thread. Multiplex connection possible.</p>     | <p>Different diameter plug-in "Y"<br/>KQ2X P. 55</p>     | <p>Use to branch line from One-touch fitting with size down.</p>                                      | <p>Color cap<br/>KQ2C P. 57</p>               | <p>Mounted on the release button corresponding to its applications. Distinguished by color.</p> |
| <p>Double branch universal male elbow<br/>KQ2ZD P. 48</p>      | <p>Use to four-branch line at right angles from female thread. Two individual parts rotate 360°.</p>                              | <p>Double plug-in "Y"<br/>KQ2XD P. 55</p>                | <p>Use to four-branch line from One-touch fitting.</p>  | <p>Plug<br/>KQ2P, KQP P. 57</p>               | <p>Use to plug unused One-touch fittings. KQP (Blue) KQ2P (White)</p>                           |
| <p>Male run tee<br/>KQ2Y P. 52</p>                             | <p>Use to branch line in the same direction from female thread and in 90° direction.</p>  | <p>Union "Y"<br/>KQ2U P. 54</p>                          | <p>Use to branch line in the same direction.</p>  |  |   |

- K
- M
- H
- KK
- D
- MS
- LQ
- MQR
- T

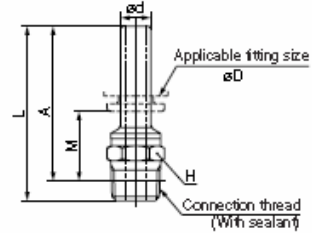
# One-touch Fitting Series KQ2

## Adaptor: KQ2N



| Applicable fitting size $\phi D$ | Connection thread R | Model      | H (width across flats) | L    | $\Delta^*$ | M    | $\phi d$ | Mass (g) |
|----------------------------------|---------------------|------------|------------------------|------|------------|------|----------|----------|
| 4                                | M5 x 0.8            | KQ2N04-M5  | 7                      | 32   | 29         | 13   | 2.5      | 2        |
|                                  | 1/8                 | KQ2N04-01S | 10                     | 33.1 | 30         | 14   |          | 6        |
| 6                                | M5 x 0.8            | KQ2N06-M5  | 7                      | 33   | 30         | 13   | 4.5      | 2.5      |
|                                  | 1/8                 | KQ2N06-01S | 10                     | 34.1 | 31         | 14   |          | 5        |
|                                  | 1/4                 | KQ2N06-02S | 14                     | 37   | 31.5       | 14.5 |          | 14       |
| 8                                | 1/4                 | KQ2N08-02S | 14                     | 38.5 | 33         | 14.5 | 6        | 17       |
|                                  | 3/8                 | KQ2N08-03S | 17                     | 39.9 | 34.5       | 16   |          | 30       |
| 10                               | 3/8                 | KQ2N10-03S | 17                     | 44.9 | 39.5       | 18.5 | 7.5      | 31       |

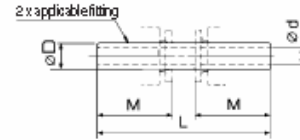
\* Reference dimensions after R thread is screwed in.



## Nipple: KQ2N



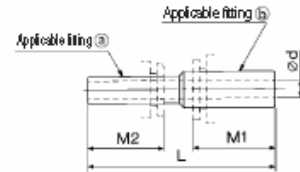
| Applicable fitting $\phi D$ | Model     | L  | M    | $\phi d$ | Mass (g) |
|-----------------------------|-----------|----|------|----------|----------|
| 4                           | KQ2N04-99 | 37 | 16   | 2.5      | 1        |
| 6                           | KQ2N06-99 | 39 | 17   | 4        | 2        |
| 8                           | KQ2N08-99 | 43 | 18.5 | 6        | 2        |
| 10                          | KQ2N10-99 | 49 | 21   | 7.5      | 4        |
| 12                          | KQ2N12-99 | 52 | 22   | 9        | 20.6     |
| 16                          | KQ2N16-99 | 57 | 25   | 13       | 31       |



## Reducer Nipple: KQ2N



| Applicable fitting |     | Model     | L  | M1   | M2   | $\phi d$ | Mass (g) |
|--------------------|-----|-----------|----|------|------|----------|----------|
| (a)                | (b) |           |    |      |      |          |          |
| 4                  | 6   | KQ2N04-06 | 38 | 17   | 16   | 2.5      | 2        |
| 6                  | 8   | KQ2N06-08 | 42 | 18.5 | 17   | 4        | 2        |
| 8                  | 10  | KQ2N08-10 | 47 | 21   | 18.5 | 6        | 2        |
| 10                 | 12  | KQ2N10-12 | 51 | 22   | 21   | 8        | 18.2     |
| 12                 | 16  | KQ2N12-16 | 55 | 25   | 22   | 9        | 29       |

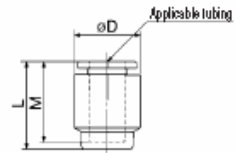


## Tube Cap: KQ2C

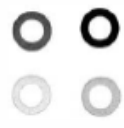


| Applicable tubing O.D. (mm) | Model     | H <sub>0</sub> (mm) | L    | M    | Mass (g) |
|-----------------------------|-----------|---------------------|------|------|----------|
| 4                           | KQ2C04-00 | 10.4                | 17   | 16   | 3        |
| 6                           | KQ2C06-00 | 12.9                | 18.5 | 17   | 3        |
| 8                           | KQ2C08-00 | 15.2                | 20.5 | 18.5 | 4        |
| 10                          | KQ2C10-00 | 18.5                | 23   | 21   | 6        |
| 12                          | KQ2C12-00 | 20.9                | 24   | 22   | 9        |
| 16                          | KQ2C16-00 | 26.5                | 28   | 25   | 13       |

Note)  $\phi D$ : Max. diameter

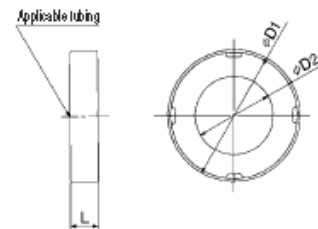


## Color Cap: KQ2C



| Applicable tubing O.D. (mm) | Model      | $\phi D1$ | $\phi D2$ | L   | Mass (g) | Application  |
|-----------------------------|------------|-----------|-----------|-----|----------|--|
| 4                           | KQ2C-04□   | 10.1      | 5.2       | 2.9 | 0.1      | KQH, KQ2H04-M5, M6<br>KCS, KCBS04-M5, M6<br>KQL, KQBL04-M5, M6<br>KQT, KQ2T04-M5, M6<br>KQV, KQ2V04-M5, M6 |
| 4                           | KQ2C-04A-□ | 8.5       | 5         | 2.2 | 0.1      |  |
| 4                           | KQ2C-04B-□ | 9.7       | 5         | 2.2 | 0.1      |  |
| 6                           | KQ2C-06□   | 12.1      | 7.2       | 2.9 | 0.1      | KQH, KQ2H06-M5, M6<br>KCS, KCBS06-M5, M6<br>KQL, KQBL06-M5, M6<br>KQT, KQ2T06-M5, M6<br>KQV, KQ2V06-M5, M6 |
| 6                           | KQ2C-06A-□ | 10.5      | 7         | 2.2 | 0.1      |  |
| 6                           | KQ2C-06B-□ | 12.0      | 7         | 2.2 | 0.1      |  |
| 8                           | KQ2C-08□   | 14.1      | 9.2       |     | 0.1      | KQH, KQ2H08-M5, M6<br>KCS, KCBS08-M5, M6<br>KQL, KQBL08-M5, M6<br>KQT, KQ2T08-M5, M6<br>KQV, KQ2V08-M5, M6 |
| 10                          | KQ2C-10□   | 17.1      | 11.2      | 2.9 | 0.2      |  |
| 12                          | KQ2C-12□   | 19.1      | 13.2      |     | 0.2      |  |
| 16                          | KQ2C-16□   | 26.2      | 17.2      | 3.9 | 0.3      |  |

□ → B (Black), R (Red), YR (Orange), BR (Brown), Y (Yellow), G (Green), CB (Sky blue), GR (Gray), W (White), BU (Blue)

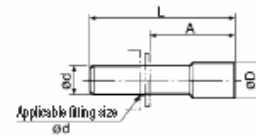


## Plug: KQ2P, KQP



| Applicable fitting size $\phi d$ | Model (M#) |        | $\phi D$ | L    | A    | Mass (g) |
|----------------------------------|------------|--------|----------|------|------|----------|
| 3.2                              | KQ2P-23    | KQP-23 | 5        | 31.5 | 16   | 1        |
| 4                                | KQ2P-04    | KQP-04 | 6        | 32   | 16   | 1        |
| 6                                | KQ2P-06    | KQP-06 | 8        | 35   | 18   | 1        |
| 8                                | KQ2P-08    | KQP-08 | 10       | 39   | 20.5 | 2        |
| 10                               | KQ2P-10    | KQP-10 | 12       | 43   | 22   | 3.5      |
| 12                               | KQ2P-12    | KQP-12 | 14       | 45.5 | 24   | 5        |
| 16                               | KQ2P-16    | KQP-16 | 20.9     | 47   | 22   | 8        |

Note) KQ2P (White), KQP (Blue)



- K
- M
- H
- KK
- D
- MS
- LQ
- MQR
- T