

SMC

# Male Run Tee: KQ2Y (Sealant)



| Applicable tubing O.D.<br>[inch] | Connection thread<br>NPT | Model       | H<br>(Width across flats) | Note)<br>øD1 | øD2 | L1   | L2   | L3   | A*   | M    | Effective area<br>[mm <sup>2</sup> ] |          | Min. port size | Weight [g] |
|----------------------------------|--------------------------|-------------|---------------------------|--------------|-----|------|------|------|------|------|--------------------------------------|----------|----------------|------------|
|                                  |                          |             |                           |              |     |      |      |      |      |      | Nylon                                | Urethane |                |            |
| ø1/8                             | 1/16                     | KQ2Y01-33□S | 11.11                     | 7.1          | 10  | 14.9 | 24.2 | 14.9 | 35.1 | 13.3 | 3.4                                  | 2.9      | 2.5            | 9.8        |
|                                  | 1/8                      | KQ2Y01-34□S | 11.11                     | 7.1          | 10  | 14.9 | 16.6 | 14.9 | 28.4 | 13.3 | 3.4                                  | 2.9      | 2.5            | 6.1        |
|                                  | 1/4                      | KQ2Y01-35□S | 14.29                     | 7.1          | 10  | 14.9 | 21   | 14.9 | 31.6 | 13.3 | 3.4                                  | 2.9      | 2.5            | 15.6       |
| ø5/32                            | 1/16                     | KQ2Y03-33□S | 11.11                     | 8.2          | 10  | 15.3 | 23.8 | 15.3 | 35   | 13.3 | 6.4                                  | 4.4      | 3              | 10.1       |
|                                  | 1/8                      | KQ2Y03-34□S | 11.11                     | 8.2          | 10  | 15.3 | 16.2 | 15.3 | 28.3 | 13.3 | 6.4                                  | 4.4      | 3              | 6.4        |
|                                  | 1/4                      | KQ2Y03-35□S | 14.29                     | 8.2          | 10  | 15.3 | 21.6 | 15.3 | 32.5 | 13.3 | 6.4                                  | 4.4      | 3              | 15.9       |
| ø3/16                            | 1/8                      | KQ2Y05-34□S | 11.11                     | 9.1          | 10  | 15.7 | 16.7 | 15.7 | 29.2 | 13.3 | 8.4                                  | 7        | 3.5            | 6.7        |
|                                  | 1/4                      | KQ2Y05-35□S | 14.29                     | 9.1          | 10  | 15.7 | 22.1 | 15.7 | 33.4 | 13.3 | 8.4                                  | 7        | 3.5            | 16.3       |
|                                  | 1/16                     | KQ2Y07-33□S | 11.11                     | 11.1         | 10  | 16.5 | 25.3 | 16.5 | 37.7 | 13.3 | 8.5                                  | 8.5      | 3.5            | 11         |
| ø1/4                             | 1/8                      | KQ2Y07-34□S | 11.11                     | 11.1         | 10  | 16.5 | 17.7 | 16.5 | 31   | 13.3 | 14                                   | 12.4     | 4.5            | 7.3        |
|                                  | 1/4                      | KQ2Y07-35□S | 14.29                     | 11.1         | 10  | 16.5 | 23.1 | 16.5 | 35.2 | 13.3 | 14                                   | 12.4     | 4.5            | 16.9       |
|                                  | 3/8                      | KQ2Y07-36□S | 17.46                     | 11.1         | 10  | 16.5 | 24.5 | 16.5 | 36.3 | 13.3 | 14                                   | 12.4     | 4.5            | 29.2       |
| ø5/16                            | 1/8                      | KQ2Y09-34□S | 11.11                     | 13.2         | 10  | 18.2 | 18.7 | 18.2 | 33.7 | 14.2 | 14                                   | 14       | 4.5            | 8.8        |
|                                  | 1/4                      | KQ2Y09-35□S | 14.29                     | 13.2         | 12  | 18.2 | 24.1 | 18.2 | 37.9 | 14.2 | 25.6                                 | 17.7     | 6              | 16         |
|                                  | 3/8                      | KQ2Y09-36□S | 17.46                     | 13.2         | 12  | 18.2 | 25.5 | 18.2 | 39   | 14.2 | 25.6                                 | 17.7     | 6              | 28         |
| ø3/8                             | 1/4                      | KQ2Y11-35□S | 17.46                     | 15.4         | 17  | 20.4 | 28.5 | 20.4 | 44.5 | 15.6 | 28.8                                 | 23.8     | 7.5            | 24.3       |
|                                  | 3/8                      | KQ2Y11-36□S | 17.46                     | 15.4         | 17  | 20.4 | 29.1 | 20.4 | 44.8 | 15.6 | 28.8                                 | 23.8     | 7.5            | 22.3       |
|                                  | 1/2                      | KQ2Y11-37□S | 22.23                     | 15.4         | 17  | 20.4 | 33.3 | 20.4 | 47.3 | 15.6 | 28.8                                 | 23.8     | 7.5            | 48.8       |
| ø1/2                             | 1/4                      | KQ2Y13-35□S | 17.46                     | 19.3         | 17  | 23.4 | 30.4 | 23.4 | 49.4 | 17   | 57.3                                 | 50.6     | 9              | 28.5       |
|                                  | 3/8                      | KQ2Y13-36□S | 17.46                     | 19.3         | 17  | 23.4 | 26.2 | 23.4 | 44.9 | 17   | 63.8                                 | 50.6     | 9.5            | 24.7       |
|                                  | 1/2                      | KQ2Y13-37□S | 22.23                     | 19.3         | 17  | 23.4 | 30.4 | 23.4 | 47.4 | 17   | 63.8                                 | 50.6     | 9.5            | 50.7       |

□/A: Brass, N: Brass + Electroless nickel plated

\* Reference dimensions after installation of NPT thread

Note) øD1 is maximum diameter.

