

# Series KS/KX

## Male connector: KSH (Standard)

<M5, M6>



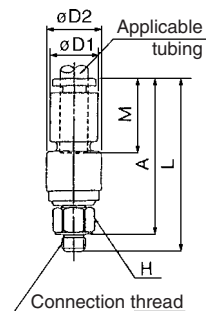
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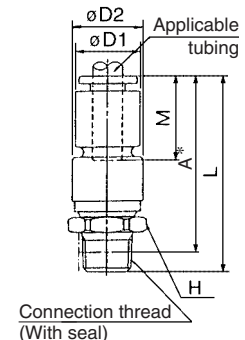
| Applicable tubing O.D. (mm) | Connection thread R | Model     | H (width across flats) | D1   | D2 | L    | A    | M    | Min. port size | Effective area (mm <sup>2</sup> ) |          | Weight (g) |
|-----------------------------|---------------------|-----------|------------------------|------|----|------|------|------|----------------|-----------------------------------|----------|------------|
|                             |                     |           |                        |      |    |      |      |      |                | Nylon                             | Urethane |            |
| 4                           | M5 x 0.8            | KSH04-M5  | 8                      | 10.4 | 12 | 36.5 | 33   | 16   | 2.5            | 4.0                               | 4.0      | 9          |
|                             | M6 x 1              | KSH04-M6  | 12                     |      |    | 37   | 34   |      |                |                                   |          | 14         |
|                             | 1/8                 | KSH04-01S | 12                     |      |    | 38   | 34   |      |                |                                   |          | 14         |
| 6                           | M5 x 0.8            | KSH06-M5  | 8                      | 12.8 | 14 | 37.5 | 33.5 | 17   | 2.5            | 4.0                               | 4.0      | 12         |
|                             | M6 x 1              | KSH06-M6  | 14                     |      |    | 38   | 34   |      |                |                                   |          | 17         |
|                             | 1/8                 | KSH06-01S | 14                     |      |    | 39.5 | 35.5 |      |                |                                   |          | 23         |
|                             | 1/4                 | KSH06-02S | 14                     |      |    | 42.5 | 36.5 |      |                |                                   |          | 23         |
|                             | 1/8                 | KSH08-01S | 17                     |      |    | 44   | 40   |      |                |                                   |          | 29         |
| 8                           | 1/4                 | KSH08-02S | 17                     | 15.2 | 17 | 47   | 41   | 18.5 | 6              | 26.1                              | 18.0     | 37         |
|                             | 3/8                 | KSH08-03S | 17                     |      |    | 48   | 41.5 |      |                |                                   |          | 55         |
|                             | 1/4                 | KSH10-02S | 22                     |      |    | 54   | 48   |      |                |                                   |          | 63         |
| 10                          | 3/8                 | KSH10-03S | 22                     | 18.5 | 22 | 55   | 48.5 | 21   | 7              | 36.3                              | 29.5     | 81         |
|                             | 1/2                 | KSH10-04S | 24                     |      |    | 57.5 | 49.5 |      |                |                                   |          | 75         |
|                             | 3/8                 | KSH12-03S | 24                     |      |    | 57   | 50.5 |      |                |                                   |          | 92         |
| 12                          | 1/2                 | KSH12-04S | 24                     | 20.9 | 24 | 60   | 52   | 22   | 8              | 46.1                              | 16.1     | 92         |
|                             | 1/2                 | KSH12-04S | 24                     |      |    | 60   | 52   |      |                |                                   |          | 92         |

\* Reference dimensions after R thread installation.

<M5, M6>



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## Male Connector: KXH (High speed)

<M5, M6>



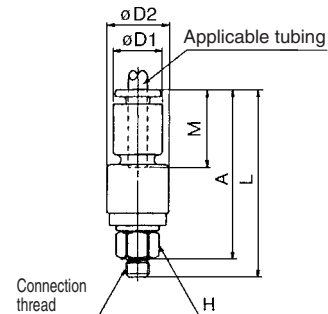
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| Applicable tubing O.D. (mm) | Connection thread R | Model     | H (width across flats) | D1   | D2   | L    | A  | M    | Min. port size | Effective area (mm <sup>2</sup> ) |          | Weight (g) |
|-----------------------------|---------------------|-----------|------------------------|------|------|------|----|------|----------------|-----------------------------------|----------|------------|
|                             |                     |           |                        |      |      |      |    |      |                | Nylon                             | Urethane |            |
| 4                           | M5 x 0.8            | KXH04-M5  | 8                      | 10.4 | 13   | 38.5 | 35 | 16   | 2.5            | 4.0                               | 4.0      | 11         |
|                             | M6 x 1              | KXH04-M6  | 12                     |      |      | 39   | 36 |      |                |                                   |          | 16         |
|                             | 1/8                 | KXH04-01S | 12                     |      |      | 40   | 36 |      |                |                                   |          | 16         |
| 6                           | M5 x 0.8            | KXH06-M5  | 8                      | 12.8 | 15   | 39.5 | 36 | 17   | 2.5            | 4.0                               | 4.0      | 15         |
|                             | M6 x 1              | KXH06-M6  | 14                     |      |      | 40   | 36 |      |                |                                   |          | 20         |
|                             | 1/8                 | KXH06-01S | 14                     |      |      | 42   | 38 |      |                |                                   |          | 26         |
|                             | 1/4                 | KXH06-02S | 14                     |      |      | 45   | 39 |      |                |                                   |          | 28         |
|                             | 1/8                 | KXH08-01S | 17                     |      |      | 46   | 42 |      |                |                                   |          | 34         |
| 8                           | 1/4                 | KXH08-02S | 17                     | 15.2 | 18   | 49   | 43 | 18.5 | 6              | 26.1                              | 18.0     | 42         |
|                             | 3/8                 | KXH08-03S | 17                     |      |      | 50   | 44 |      |                |                                   |          | 68         |
|                             | 1/4                 | KXH10-02S | 22                     |      |      | 58   | 52 |      |                |                                   |          | 76         |
| 10                          | 3/8                 | KXH10-03S | 22                     | 18.5 | 23.5 | 59   | 52 | 21   | 7              | 36.3                              | 29.5     | 94         |
|                             | 1/2                 | KXH10-04S | 24                     |      |      | 62   | 53 |      |                |                                   |          | 88         |
|                             | 3/8                 | KXH12-03S | 24                     |      |      | 60   | 54 |      |                |                                   |          | 105        |
| 12                          | 1/2                 | KXH12-04S | 24                     | 20.9 | 26   | 63   | 55 | 22   | 8              | 46.1                              | 46.1     | 105        |
|                             | 1/2                 | KXH12-04S | 24                     |      |      | 63   | 55 |      |                |                                   |          | 105        |

\* Reference dimensions after R thread installation.

<M5, M6>



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