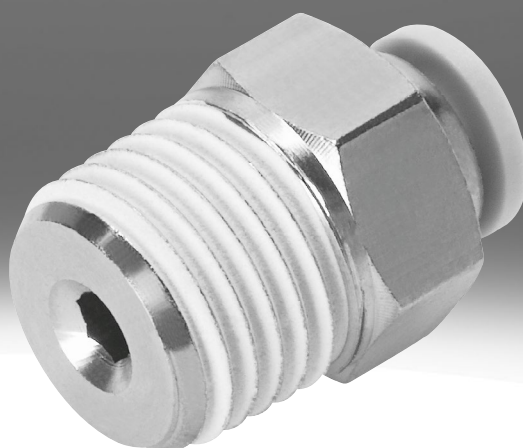


**Push-in fitting, inches QB**

**FESTO**



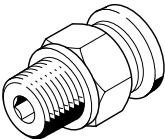
Characteristics

At a glance

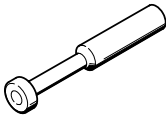
- Standard series for pneumatic tubing with dimensions in inches.
- Pneumatic connection via R, NPT, UNF, metric thread or push-in socket
  - PBT and nickel-plated brass
  - Operating medium: compressed air, vacuum

Design

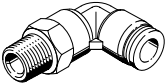
[ ] Straight shape



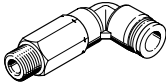
[C] Blanking plug



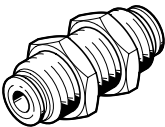
[L] L-shape



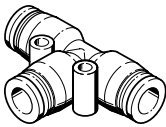
[LL] L-shape, long version



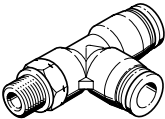
[S] Push-in bulkhead connector



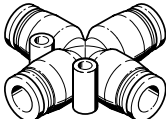
[T] T-shape



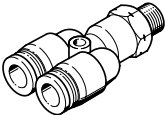
[TL] T-shape, additional push-in connector, lengthwise



[X] X-shape



[Y] Y-shape



## Type code

| 001  | Series                |  |
|------|-----------------------|--|
| QBLF | Push-in fitting, inch |  |
| QBY  | Push-in fitting, inch |  |
| QBM  | Push-in fitting, inch |  |
| QBX  | Push-in fitting, inch |  |
| QBS  | Push-in fitting, inch |  |
| QBT  | Push-in fitting, inch |  |
| QBL  | Push-in fitting, inch |  |
| QBLH | Push-in fitting, inch |  |
| QBF  | Push-in fitting, inch |  |
| QBT  | Push-in fitting, inch |  |
| QBC  | Push-in fitting, inch |  |
| QBLV | Push-in fitting, inch |  |

| 002 | Design         |  |
|-----|----------------|--|
|     | Straight shape |  |
| H   | Bulkhead       |  |
| L   | L-shape        |  |
| T   | T-shape        |  |
| X   | X-shape        |  |
| Y   | Y-shape        |  |

| 003       | Pneumatic connection 1 [inch] |  |
|-----------|-------------------------------|--|
| 3/8       | 3/8 NPT                       |  |
| 1/8       | 1/8 NPT                       |  |
| 1/4       | 1/4 NPT                       |  |
| 1/2       | 1/2 NPT                       |  |
| 10-32-UNF | 10/32 UNF                     |  |
| 5/32T     | Push-in connector 5/32"       |  |
| 5/16T     | Push-in connector 5/16"       |  |
| 3/16T     | Push-in connector 3/16"       |  |
| 3/8T      | Push-in connector 3/8"        |  |
| 1/8T      | Push-in connector 1/8"        |  |
| 1/4T      | Push-in connector 1/4"        |  |
| 1/2T      | Push-in connector 1/2"        |  |
| 5/32H     | Push-in sleeve 5/32"          |  |
| 5/16H     | Push-in sleeve 5/16"          |  |
| 3/16H     | Push-in sleeve 3/16"          |  |
| 3/8H      | Push-in sleeve 3/8"           |  |
| 1/4H      | Push-in sleeve 1/4"           |  |
| 1/2H      | Push-in sleeve 1/2"           |  |
| M5        | M5                            |  |

| 004  | Pneumatic connection 2 [inch]                         |  |
|------|-------------------------------------------------------|--|
|      | Same size push-in connector as pneumatic connection 1 |  |
| 1/2  | Push-in connector 1/2"                                |  |
| 1/4  | Push-in connector 1/4"                                |  |
| 1/8  | Push-in connector 1/8"                                |  |
| 3/8  | Push-in connector 3/8"                                |  |
| 3/16 | Push-in connector 3/16"                               |  |
| 5/16 | Push-in connector 5/16"                               |  |
| 5/32 | Push-in connector 5/32"                               |  |

| 005 | Mounting method  |  |
|-----|------------------|--|
|     | Standard         |  |
| I   | Internal hexagon |  |

| 006 | System of units |  |
|-----|-----------------|--|
| U   | Imperial        |  |

| 007 | Version           |  |
|-----|-------------------|--|
|     | Standard          |  |
| M   | Hybrid connection |  |

## Datasheet

## General technical data – M5 thread

| Design                       | L-shape        | T-shape | Straight design |
|------------------------------|----------------|---------|-----------------|
| Pneumatic connection, port 1 | Male thread M5 |         |                 |
| Type of seal on screwed plug | Sealing ring   |         |                 |
| Nominal torque               | 0.5 Nm         |         |                 |

## General technical data – R thread, NPT thread

| Design                       | L-shape             | L-shape, long | T-shape, additional push-in connector, lengthwise | T-shape | Y-shape | Straight design |
|------------------------------|---------------------|---------------|---------------------------------------------------|---------|---------|-----------------|
| Design                       | Push-pull principle |               |                                                   |         |         |                 |
| Mounting position            | optional            |               |                                                   |         |         |                 |
| Type of seal on screwed plug | Coating             |               |                                                   |         |         |                 |

## General technical data – UNF thread

| Design                       | L-shape             | T-shape, additional push-in connector, lengthwise | T-shape | Y-shape |
|------------------------------|---------------------|---------------------------------------------------|---------|---------|
| Design                       | Push-pull principle |                                                   |         |         |
| Mounting position            | optional            |                                                   |         |         |
| Type of seal on screwed plug | Sealing ring        |                                                   |         |         |

## General technical data – Blanking plugs, Push-in sleeves, Push-in caps, plug connectors

| Design            | Blanking plug       | L-shape | Bulkhead | T-shape | X-shape | Y-shape | Straight design |
|-------------------|---------------------|---------|----------|---------|---------|---------|-----------------|
| Design            | Push-pull principle |         |          |         |         |         |                 |
| Mounting position | optional            |         |          |         |         |         |                 |

## Operating and environmental conditions

|                                               |                                          |
|-----------------------------------------------|------------------------------------------|
| Operating pressure complete temperature range | 0.095 ... 1 MPa                          |
| Operating pressure complete temperature range | 0.95 ... 10 bar                          |
| Operating pressure complete temperature range | 13.775 ... 145 psi                       |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:::] |
| Note on operating and pilot medium            | Lubricated operation possible            |
| Ambient temperature                           | 0 ... 60°C                               |
| Ambient temperature                           | 32 ... 140°F                             |
| Corrosion resistance class CRC <sup>1)</sup>  | 1 - Low corrosion stress                 |
| Maritime classification <sup>2)</sup>         | See certificate                          |

1) More information: [www.festo.com/x/topic/crc](http://www.festo.com/x/topic/crc)

2) More information [www.festo.com/catalogue/qs](http://www.festo.com/catalogue/qs) → Support/Downloads.

## Materials

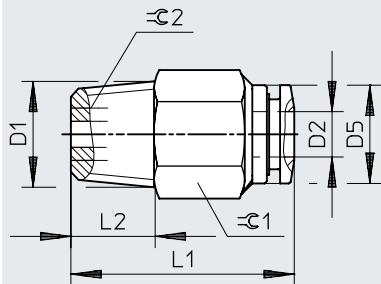
| Short type code                 | QB                         | QBF                  | QBH | QBL                      | QBLF | QBLL | QBLV | QBS                  | QBT                      | QBTL | QBX | QBY                      |
|---------------------------------|----------------------------|----------------------|-----|--------------------------|------|------|------|----------------------|--------------------------|------|-----|--------------------------|
| Material housing                | Brass, nickel-plated PBT   | Brass, nickel-plated | PBT | Brass, nickel-plated PBT |      |      |      | Brass, nickel-plated | Brass, nickel-plated PBT |      | PBT | Brass, nickel-plated PBT |
| Material release ring           | POM                        |                      |     |                          |      |      |      |                      |                          |      |     |                          |
| Colour of release ring          | grey                       |                      |     |                          |      |      |      |                      |                          |      |     |                          |
| Material tubing seal            | NBR                        |                      |     |                          |      |      |      |                      |                          |      |     |                          |
| Material tubing clamp component | High-alloy stainless steel |                      |     |                          |      |      |      |                      |                          |      |     |                          |
| Note on materials               | RoHS-compliant             |                      |     |                          |      |      |      |                      |                          |      |     |                          |
| LABS (PWIS) conformity          | VDMA24364 zone III         |                      |     |                          |      |      |      |                      |                          |      |     |                          |

Datasheet

| Materials – Blanking plug QBC |                    |
|-------------------------------|--------------------|
| Short type code               | QBC                |
| Material housing              | POM                |
| Note on materials             | RoHS-compliant     |
| LABS (PWIS) conformity        | VDMA24364 zone III |

## Dimensions

Dimensions – Push-in fitting QB

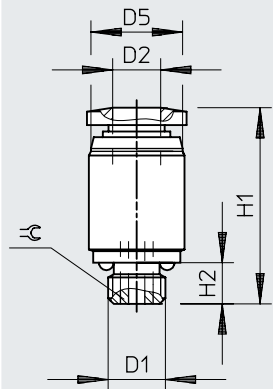
Download CAD data [www.festo.com](http://www.festo.com)

|                     | D1        | D2   | D5<br>ø | L1    | L2    | $\varnothing 1$ | $\varnothing 2$ |
|---------------------|-----------|------|---------|-------|-------|-----------------|-----------------|
| QB-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,413   | 0,882 | 0,161 | 7/16            | 3/32            |
| QB-10-32-UNF-3/16-U |           | 3/16 | 0,433   | 0,890 | 0,161 | 7/16            | 3/32            |
| QB-10-32-UNF-1/4-U  |           | 1/4  | 0,500   | 0,945 | 0,161 | 1/2             | 3/32            |
| QB-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,764 | 0,335 | 7/16            | 1/8             |
| QB-1/8-3/16-U       |           | 3/16 | 0,433   | 0,909 | 0,335 | 7/16            | 1/8             |
| QB-1/8-1/4-U        |           | 1/4  | 0,500   | 0,945 | 0,335 | 1/2             | 3/16            |
| QB-1/8-5/16-U       |           | 5/16 | 0,551   | 1,126 | 0,335 | 9/16            | 3/16            |
| QB-1/8-3/8-U        | NPT1/4-18 | 3/8  | 0,657   | 1,177 | 0,335 | 1 1/16          | 3/16            |
| QB-1/4-5/32-U       |           | 5/32 | 0,413   | 0,862 | 0,413 | 9/16            | 1/8             |
| QB-1/4-3/16-U       |           | 3/16 | 0,433   | 0,909 | 0,413 | 9/16            | 1/8             |
| QB-1/4-1/4-U        |           | 1/4  | 0,500   | 0,921 | 0,413 | 9/16            | 3/16            |
| QB-1/4-5/16-U       |           | 5/16 | 0,551   | 1,039 | 0,413 | 9/16            | 1/4             |
| QB-1/4-3/8-U        |           | 3/8  | 0,657   | 1,217 | 0,413 | 1 1/16          | 1/4             |
| QB-1/4-1/2-U        | NPT3/8-18 | 1/2  | 0,819   | 1,390 | 0,413 | 7/8             | 1/4             |
| QB-3/8-1/4-U        |           | 1/4  | 0,500   | 0,961 | 0,453 | 1 1/16          | 3/16            |
| QB-3/8-5/16-U       |           | 5/16 | 0,551   | 0,961 | 0,453 | 1 1/16          | 1/4             |
| QB-3/8-3/8-U        |           | 3/8  | 0,657   | 1,087 | 0,453 | 1 1/16          | 5/16            |
| QB-3/8-1/2-U        | NPT1/2-14 | 1/2  | 0,819   | 1,252 | 0,453 | 7/8             | 3/8             |
| QB-1/2-5/16-U       |           | 5/16 | 0,551   | 1,079 | 0,571 | 7/8             | 1/4             |
| QB-1/2-3/8-U        |           | 3/8  | 0,657   | 1,106 | 0,571 | 7/8             | 5/16            |
| QB-1/2-1/2-U        |           | 1/2  | 0,819   | 1,232 | 0,571 | 7/8             | 3/8             |

Dimensions

Dimensions – Push-in fitting QB-...-I, UNF thread

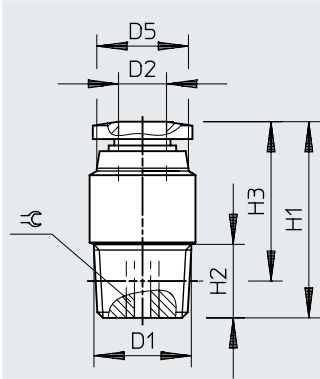
Download CAD data [www.festo.com](http://www.festo.com)



|                       | D1       | D2   | D5<br>ø | H1    | H2    | ≡    |
|-----------------------|----------|------|---------|-------|-------|------|
| QB-10-32-UNF-3/16-I-U | UNF10-32 | 3/16 | 0,433   | 0,898 | 0,161 | 3/32 |
| QB-10-32-UNF-1/4-I-U  |          | 1/4  | 0,512   | 0,953 | 0,161 | 3/32 |

Dimensions

Dimensions – Push-in fitting QB-...-I, NPT thread Download CAD data [www.festo.com](http://www.festo.com)

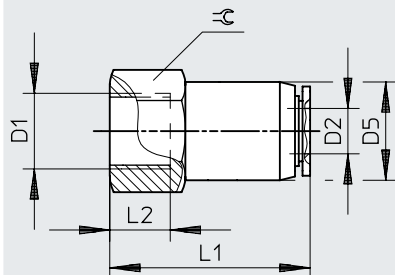


|                 | D1        | D2   | D5<br>Ø | H1    | H2    | H3    | ≡C   |
|-----------------|-----------|------|---------|-------|-------|-------|------|
| QB-1/8-5/32-I-U | NPT1/8-27 | 5/32 | 0,433   | 0,827 | 0,335 | 0,665 | 1/8  |
| QB-1/8-3/16-I-U |           | 3/16 | 0,472   | 0,898 | 0,335 | 0,736 | 1/8  |
| QB-1/8-1/4-I-U  |           | 1/4  | 0,512   | 0,933 | 0,335 | 0,772 | 3/16 |
| QB-1/8-5/16-I-U |           | 5/16 | 0,551   | 1,130 | 0,335 | 0,969 | 3/16 |
| QB-1/4-1/4-I-U  | NPT1/4-18 | 1/4  | 0,551   | 0,941 | 0,413 | 0,713 | 3/16 |
| QB-1/4-5/16-I-U |           | 5/16 | 0,551   | 1,043 | 0,413 | 0,815 | 1/4  |
| QB-1/4-3/8-I-U  |           | 3/8  | 0,709   | 1,110 | 0,413 | 0,882 | 1/4  |
| QB-3/8-5/16-I-U | NPT3/8-18 | 5/16 | 0,709   | 0,984 | 0,453 | 0,744 | 1/4  |
| QB-3/8-3/8-I-U  |           | 3/8  | 0,709   | 1,110 | 0,453 | 0,870 | 5/16 |
| QB-3/8-1/2-I-U  |           | 1/2  | 0,827   | 1,295 | 0,453 | 1,055 | 3/8  |
| QB-1/2-1/2-I-U  | NPT1/2-14 | 1/2  | 0,866   | 1,299 | 0,571 | 0,980 | 3/8  |



## Dimensions

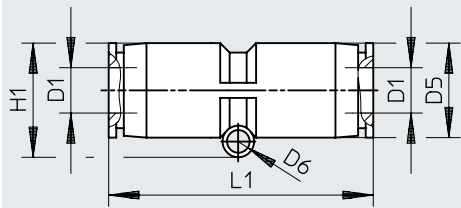
## Dimensions – Push-in fitting QBF

Download CAD data [www.festo.com](http://www.festo.com)

|                | D1        | D2   | D5<br>ø | L1    | L2    | ≡      |
|----------------|-----------|------|---------|-------|-------|--------|
| QBF-1/8-5/32-U | NPT1/8-27 | 5/32 | 0,394   | 1,063 | 0,374 | 9/16   |
| QBF-1/8-3/16-U |           | 3/16 | 0,437   | 1,106 | 0,374 | 9/16   |
| QBF-1/8-1/4-U  |           | 1/4  | 0,512   | 1,134 | 0,374 | 9/16   |
| QBF-1/8-5/16-U |           | 5/16 | 0,551   | 1,157 | 0,374 | 9/16   |
| QBF-1/8-3/8-U  |           | 3/8  | 0,657   | 1,299 | 0,374 | 1 1/16 |
| QBF-1/4-5/32-U | NPT1/4-18 | 5/32 | 0,394   | 1,161 | 0,453 | 1 1/16 |
| QBF-1/4-3/16-U |           | 3/16 | 0,437   | 1,185 | 0,453 | 1 1/16 |
| QBF-1/4-1/4-U  |           | 1/4  | 0,512   | 1,213 | 0,453 | 1 1/16 |
| QBF-1/4-5/16-U |           | 5/16 | 0,551   | 1,256 | 0,453 | 1 1/16 |
| QBF-1/4-3/8-U  |           | 3/8  | 0,657   | 1,299 | 0,453 | 1 1/16 |
| QBF-1/4-1/2-U  |           | 1/2  | 0,819   | 1,472 | 0,453 | 7/8    |
| QBF-3/8-1/4-U  | NPT3/8-18 | 1/4  | 0,512   | 1,291 | 0,492 | 7/8    |
| QBF-3/8-5/16-U |           | 5/16 | 0,551   | 1,276 | 0,492 | 7/8    |
| QBF-3/8-3/8-U  |           | 3/8  | 0,657   | 1,339 | 0,492 | 7/8    |
| QBF-3/8-1/2-U  |           | 1/2  | 0,819   | 1,472 | 0,492 | 7/8    |
| QBF-1/2-5/16-U | NPT1/2-14 | 5/16 | 0,551   | 1,354 | 0,571 | 1 5/16 |
| QBF-1/2-3/8-U  |           | 3/8  | 0,657   | 1,441 | 0,571 | 1 5/16 |

Dimensions

Dimensions – Push-in connector QB-...T Download CAD data [www.festo.com](http://www.festo.com)

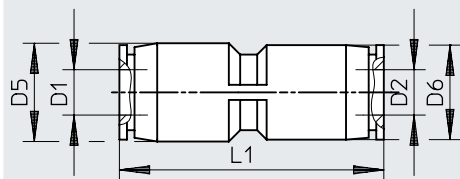


|            | D1   | D5<br>ø | D6<br>ø | H1    | L1    |
|------------|------|---------|---------|-------|-------|
| QB-5/32T-U | 5/32 | 0,413   | 0,130   | 0,500 | 1,350 |
| QB-3/16T-U | 3/16 | 0,453   | 0,138   | 0,594 | 1,409 |
| QB-1/4T-U  | 1/4  | 0,512   | 0,138   | 0,638 | 1,449 |
| QB-5/16T-U | 5/16 | 0,571   | 0,169   | 0,693 | 1,579 |
| QB-3/8T-U  | 3/8  | 0,689   | 0,177   | 0,846 | 1,669 |
| QB-1/2T-U  | 1/2  | 0,827   | 0,177   | 0,965 | 1,925 |

## Dimensions

Dimensions – Push-in connector, QB-...T, reducing

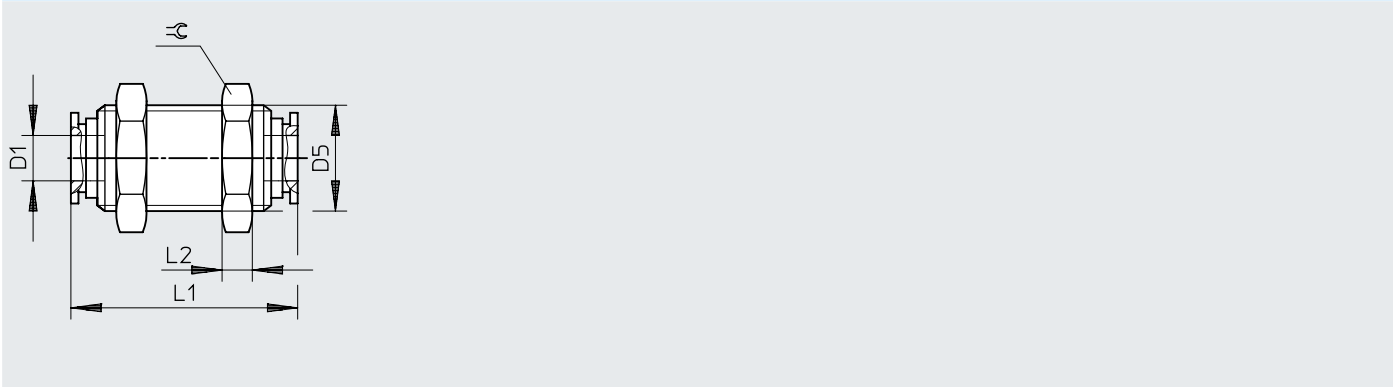
Download CAD data [www.festo.com](http://www.festo.com)



|                 | D1   | D2   | D5<br>ø | D6<br>ø | L1    |
|-----------------|------|------|---------|---------|-------|
| QB-3/16T-5/32-U | 3/16 | 5/32 | 0,453   | 0,413   | 1,378 |
| QB-1/4T-5/32-U  | 1/4  | 5/32 | 0,512   | 0,413   | 1,398 |
| QB-1/4T-3/16-U  |      | 3/16 | 0,512   | 0,453   | 1,429 |
| QB-5/16T-5/32-U | 5/16 | 5/32 | 0,583   | 0,413   | 1,524 |
| QB-5/16T-1/4-U  |      | 1/4  | 0,571   | 0,512   | 1,512 |
| QB-3/8T-1/4-U   | 3/8  | 1/4  | 0,689   | 0,512   | 1,563 |
| QB-3/8T-5/16-U  |      | 5/16 | 0,689   | 0,571   | 1,626 |
| QB-1/2T-3/8-U   | 1/2  | 3/8  | 0,827   | 0,689   | 1,780 |

Dimensions

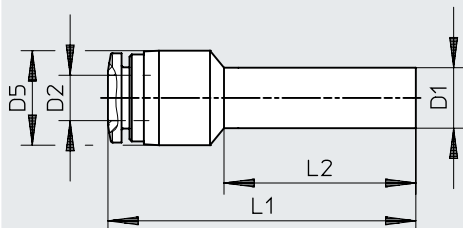
Dimensions – Push-in bulkhead connector QBS-...T Download CAD data [www.festo.com](http://www.festo.com)



|             | D1   | D5<br>ø | L1    | L2    | ☞     |
|-------------|------|---------|-------|-------|-------|
| QBS-5/32T-U | 5/32 | M12x1   | 1,398 | 0,157 | 0,551 |
| QBS-3/16T-U | 3/16 | M14x1   | 1,441 | 0,157 | 0,669 |
| QBS-1/4T-U  | 1/4  | M14x1   | 1,535 | 0,157 | 0,669 |
| QBS-5/16T-U | 5/16 | M16x1   | 1,661 | 0,197 | 0,748 |
| QBS-3/8T-U  | 3/8  | M20x1   | 1,693 | 0,197 | 0,945 |
| QBS-1/2T-U  | 1/2  | M22x1   | 1,949 | 0,197 | 1,024 |

## Dimensions

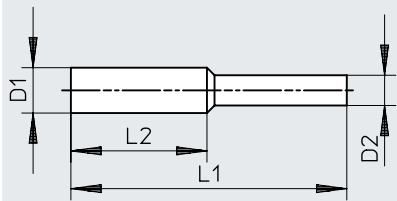
### Dimensions – Push-in connector QB-...H

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|                 | D1   | D2   | D5<br>Ø | L1    | L2    |
|-----------------|------|------|---------|-------|-------|
| QB-1/8H-1/4-U   | 1/8  | 1/4  | 0,512   | 1,488 | 0,728 |
| QB-5/32H-1/8-U  | 5/32 | 1/8  | 0,299   | 1,197 | 0,709 |
| QB-5/32H-1/4-U  |      | 1/4  | 0,512   | 1,488 | 0,728 |
| QB-1/4H-1/8-U   | 1/4  | 1/8  | 0,299   | 1,260 | 0,850 |
| QB-1/4H-5/32-U  |      | 5/32 | 0,413   | 1,587 | 0,890 |
| QB-5/16H-5/32-U | 5/16 | 5/32 | 0,413   | 1,567 | 0,972 |
| QB-5/16H-1/4-U  |      | 1/4  | 0,512   | 1,890 | 1,130 |
| QB-3/8H-1/4-U   | 3/8  | 1/4  | 0,512   | 1,890 | 1,228 |
| QB-3/8H-5/16-U  |      | 5/16 | 0,583   | 1,772 | 0,957 |
| QB-1/2H-3/8-U   | 1/2  | 3/8  | 0,689   | 2,039 | 1,205 |

Dimensions

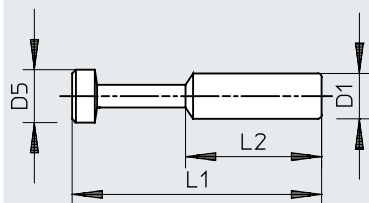
Dimensions – Push-in sleeve QBH [Download CAD data](http://www.festo.com) [www.festo.com](http://www.festo.com)



|                 | D1   | D2   | L1    | L2    |
|-----------------|------|------|-------|-------|
| QBH-3/16-5/32-U | 3/16 | 5/32 | 1,575 | 0,787 |
| QBH-1/4-5/32-U  | 1/4  | 5/32 | 1,614 | 0,827 |
| QBH-1/4-3/16-U  |      | 3/16 | 1,614 | 0,827 |
| QBH-5/16-1/4-U  | 5/16 | 1/4  | 1,693 | 0,866 |
| QBH-3/8-1/4-U   | 3/8  | 1/4  | 1,772 | 0,906 |
| QBH-3/8-5/16-U  |      | 5/16 | 1,772 | 0,906 |
| QBH-1/2-3/8-U   | 1/2  | 3/8  | 1,890 | 0,984 |

## Dimensions

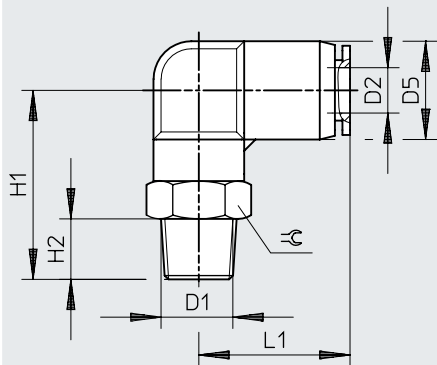
### Dimensions – Blanking plug QBC-...H

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|             | D1   | D5<br>ø | L1    | L2    |
|-------------|------|---------|-------|-------|
| QBC-5/32H-U | 5/32 | 5/32    | 1,181 | 0,709 |
| QBC-3/16H-U | 3/16 | 3/16    | 1,299 | 0,748 |
| QBC-1/4H-U  | 1/4  | 1/4     | 1,339 | 0,787 |
| QBC-5/16H-U | 5/16 | 5/16    | 1,496 | 0,866 |
| QBC-3/8H-U  | 3/8  | 3/8     | 1,654 | 0,984 |
| QBC-1/2H-U  | 1/2  | 1/2     | 1,811 | 1,102 |

## Dimensions

Dimensions – Push-in L-fitting QBL

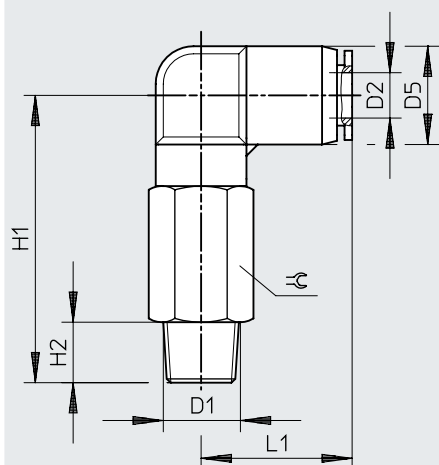
Download CAD data [www.festo.com](http://www.festo.com)

|                      | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ⌀      |
|----------------------|-----------|------|---------|-------|-------|-------|--------|
| QBL-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,413   | 0,841 | 0,142 | 0,722 | 7/16   |
| QBL-10-32-UNF-3/16-U |           | 3/16 | 0,453   | 0,841 | 0,142 | 0,726 | 7/16   |
| QBL-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 1,020 | 0,142 | 0,787 | 1/2    |
| QBL-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,982 | 0,335 | 0,722 | 7/16   |
| QBL-1/8-3/16-U       |           | 3/16 | 0,453   | 0,982 | 0,335 | 0,726 | 7/16   |
| QBL-1/8-1/4-U        |           | 1/4  | 0,512   | 1,094 | 0,335 | 0,787 | 1/2    |
| QBL-1/8-5/16-U       |           | 5/16 | 0,583   | 1,161 | 0,335 | 0,902 | 9/16   |
| QBL-1/8-3/8-U        | NPT1/4-18 | 3/8  | 0,689   | 1,179 | 0,335 | 0,927 | 1 1/16 |
| QBL-1/4-5/32-U       |           | 5/32 | 0,413   | 1,100 | 0,413 | 0,722 | 9/16   |
| QBL-1/4-3/16-U       |           | 3/16 | 0,453   | 1,100 | 0,413 | 0,726 | 9/16   |
| QBL-1/4-1/4-U        |           | 1/4  | 0,512   | 1,201 | 0,413 | 0,787 | 9/16   |
| QBL-1/4-5/16-U       |           | 5/16 | 0,583   | 1,240 | 0,413 | 0,902 | 9/16   |
| QBL-1/4-3/8-U        |           | 3/8  | 0,689   | 1,258 | 0,413 | 0,927 | 1 1/16 |
| QBL-1/4-1/2-U        | NPT3/8-18 | 1/2  | 0,827   | 1,398 | 0,413 | 1,075 | 3/4    |
| QBL-3/8-3/16-U       |           | 3/16 | 0,453   | 1,140 | 0,453 | 0,726 | 1 1/16 |
| QBL-3/8-1/4-U        |           | 1/4  | 0,512   | 1,240 | 0,453 | 0,787 | 1 1/16 |
| QBL-3/8-5/16-U       |           | 5/16 | 0,583   | 1,280 | 0,453 | 0,902 | 1 1/16 |
| QBL-3/8-3/8-U        |           | 3/8  | 0,689   | 1,297 | 0,453 | 0,927 | 1 1/16 |
| QBL-3/8-1/2-U        | NPT1/2-14 | 1/2  | 0,827   | 1,437 | 0,453 | 1,075 | 3/4    |
| QBL-1/2-3/8-U        |           | 3/8  | 0,689   | 1,415 | 0,571 | 0,927 | 7/8    |
| QBL-1/2-1/2-U        |           | 1/2  | 0,827   | 1,555 | 0,571 | 1,075 | 7/8    |



## Dimensions

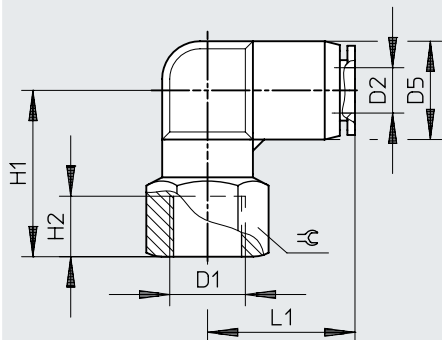
Dimensions – Push-in L-fitting (long) QBLL

Download CAD data [www.festo.com](http://www.festo.com)

|                 | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ≅      |
|-----------------|-----------|------|---------|-------|-------|-------|--------|
| QBLL-1/8-5/32-U | NPT1/8-27 | 5/32 | 0,413   | 1,415 | 0,335 | 0,726 | 7/16   |
| QBLL-1/8-3/16-U |           | 3/16 | 0,453   | 1,415 | 0,335 | 0,726 | 7/16   |
| QBLL-1/8-1/4-U  |           | 1/4  | 0,512   | 1,614 | 0,335 | 0,787 | 1/2    |
| QBLL-1/8-5/16-U |           | 5/16 | 0,583   | 1,751 | 0,335 | 0,894 | 9/16   |
| QBLL-1/4-5/32-U | NPT1/4-18 | 5/32 | 0,413   | 1,474 | 0,413 | 0,726 | 9/16   |
| QBLL-1/4-3/16-U |           | 3/16 | 0,453   | 1,474 | 0,413 | 0,726 | 9/16   |
| QBLL-1/4-1/4-U  |           | 1/4  | 0,512   | 1,732 | 0,413 | 0,787 | 9/16   |
| QBLL-1/4-5/16-U |           | 5/16 | 0,583   | 1,831 | 0,413 | 0,894 | 9/16   |
| QBLL-1/4-3/8-U  |           | 3/8  | 0,689   | 1,967 | 0,413 | 0,928 | 1 1/16 |
| QBLL-1/4-1/2-U  |           | 1/2  | 0,827   | 2,263 | 0,413 | 1,075 | 3/4    |
| QBLL-3/8-3/16-U | NPT3/8-18 | 3/16 | 0,453   | 1,534 | 0,453 | 0,726 | 1 1/16 |
| QBLL-3/8-1/4-U  |           | 1/4  | 0,512   | 1,772 | 0,453 | 0,787 | 1 1/16 |
| QBLL-3/8-5/16-U |           | 5/16 | 0,583   | 1,989 | 0,453 | 0,894 | 1 1/16 |
| QBLL-3/8-3/8-U  |           | 3/8  | 0,689   | 2,006 | 0,453 | 0,928 | 1 1/16 |
| QBLL-3/8-1/2-U  |           | 1/2  | 0,827   | 2,303 | 0,453 | 1,075 | 3/4    |
| QBLL-1/2-3/8-U  | NPT1/2-14 | 3/8  | 0,689   | 2,125 | 0,571 | 0,928 | 7/8    |
| QBLL-1/2-1/2-U  |           | 1/2  | 0,827   | 2,422 | 0,571 | 1,075 | 7/8    |

## Dimensions

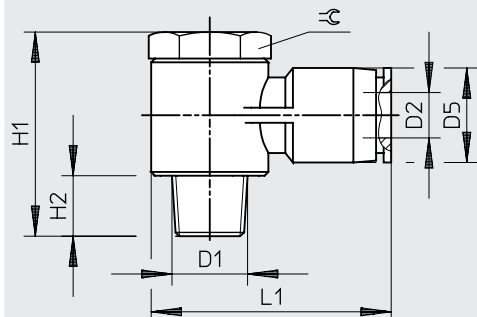
Dimensions – Push-in L-fitting QBLF

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|                       | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ⌀      |
|-----------------------|-----------|------|---------|-------|-------|-------|--------|
| QBLF-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,413   | 0,845 | 0,276 | 0,727 | 7/16   |
| QBLF-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 0,827 | 0,197 | 0,787 | 1/2    |
| QBLF-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,885 | 0,354 | 0,727 | 9/16   |
| QBLF-1/8-3/16-U       |           | 3/16 | 0,453   | 0,884 | 0,354 | 0,727 | 9/16   |
| QBLF-1/8-1/4-U        |           | 1/4  | 0,512   | 0,984 | 0,354 | 0,787 | 9/16   |
| QBLF-1/8-5/16-U       |           | 5/16 | 0,583   | 1,024 | 0,354 | 0,894 | 9/16   |
| QBLF-1/4-5/32-U       | NPT1/4-18 | 5/32 | 0,413   | 0,885 | 0,433 | 0,727 | 1 1/16 |
| QBLF-1/4-3/16-U       |           | 3/16 | 0,453   | 0,963 | 0,433 | 0,727 | 1 1/16 |
| QBLF-1/4-1/4-U        |           | 1/4  | 0,512   | 1,083 | 0,433 | 0,787 | 1 1/16 |
| QBLF-1/4-5/16-U       |           | 5/16 | 0,583   | 1,102 | 0,433 | 0,894 | 1 1/16 |
| QBLF-1/4-3/8-U        | NPT3/8-18 | 3/8  | 0,689   | 1,121 | 0,433 | 0,928 | 1 1/16 |
| QBLF-3/8-1/4-U        |           | 1/4  | 0,512   | 1,102 | 0,472 | 0,787 | 7/8    |
| QBLF-3/8-5/16-U       |           | 5/16 | 0,583   | 1,141 | 0,472 | 0,894 | 7/8    |
| QBLF-3/8-3/8-U        |           | 3/8  | 0,689   | 1,160 | 0,472 | 0,928 | 7/8    |
| QBLF-3/8-1/2-U        | NPT1/2-14 | 1/2  | 0,827   | 1,300 | 0,472 | 1,075 | 7/8    |
| QBLF-1/2-3/8-U        |           | 3/8  | 0,689   | 1,239 | 0,571 | 0,928 | 1 5/16 |
| QBLF-1/2-1/2-U        |           | 1/2  | 0,827   | 1,378 | 0,571 | 1,075 | 1 5/16 |

## Dimensions

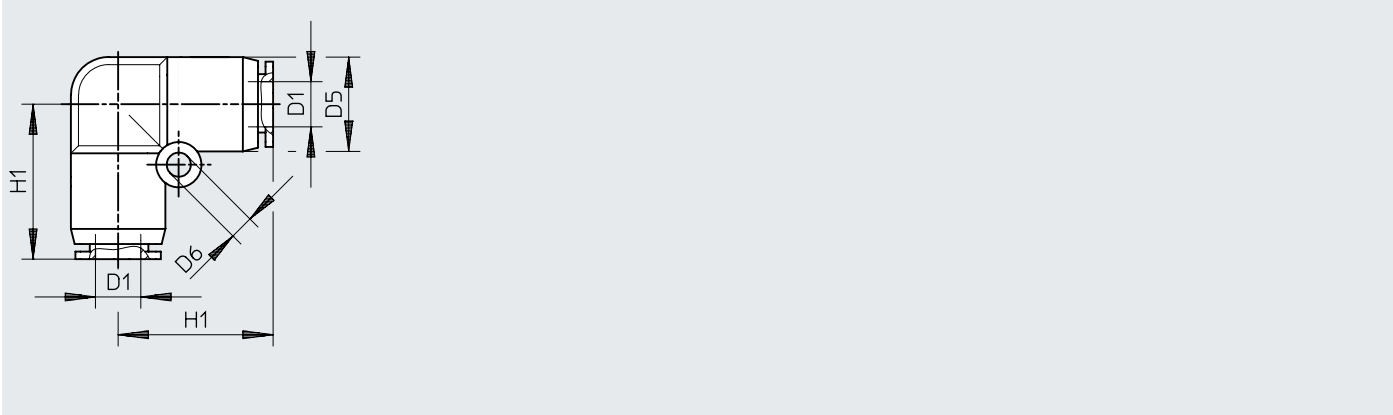
Dimensions – Push-in L-fitting QBLV

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|                       | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ⌀     |
|-----------------------|-----------|------|---------|-------|-------|-------|-------|
| QBLV-10-32-UNF-1/8-U  | UNF10-32  | 1/8  | 0,307   | 0,717 | 0,142 | 0,846 | 5/16  |
| QBLV-10-32-UNF-5/32-U |           | 5/32 | 0,413   | 0,717 | 0,142 | 1,039 | 5/16  |
| QBLV-10-32-UNF-3/16-U |           | 3/16 | 0,453   | 0,717 | 0,142 | 1,051 | 5/16  |
| QBLV-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 0,717 | 0,142 | 1,130 | 5/16  |
| QBLV-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,984 | 0,295 | 1,209 | 7/16  |
| QBLV-1/8-3/16-U       |           | 3/16 | 0,453   | 0,984 | 0,295 | 1,240 | 7/16  |
| QBLV-1/8-1/4-U        |           | 1/4  | 0,512   | 0,984 | 0,295 | 1,260 | 7/16  |
| QBLV-1/8-5/16-U       |           | 5/16 | 0,571   | 0,984 | 0,295 | 1,323 | 7/16  |
| QBLV-1/4-5/32-U       | NPT1/4-18 | 5/32 | 0,413   | 1,134 | 0,394 | 1,362 | 5/16  |
| QBLV-1/4-3/16-U       |           | 3/16 | 0,453   | 1,134 | 0,394 | 1,394 | 19/32 |
| QBLV-1/4-1/4-U        |           | 1/4  | 0,512   | 1,134 | 0,394 | 1,413 | 19/32 |
| QBLV-1/4-5/16-U       |           | 5/16 | 0,571   | 1,134 | 0,394 | 1,476 | 19/32 |
| QBLV-1/4-3/8-U        | NPT3/8-18 | 3/8  | 0,689   | 1,134 | 0,394 | 1,575 | 19/32 |
| QBLV-3/8-3/16-U       |           | 3/16 | 0,453   | 1,327 | 0,476 | 1,539 | 3/4   |
| QBLV-3/8-1/4-U        |           | 1/4  | 0,512   | 1,327 | 0,476 | 1,559 | 3/4   |
| QBLV-3/8-5/16-U       |           | 5/16 | 0,571   | 1,327 | 0,476 | 1,606 | 3/4   |
| QBLV-3/8-3/8-U        | NPT1/2-14 | 3/8  | 0,689   | 1,327 | 0,476 | 1,650 | 3/4   |
| QBLV-3/8-1/2-U        |           | 1/2  | 0,819   | 1,327 | 0,476 | 1,780 | 3/4   |
| QBLV-1/2-5/16-U       |           | 5/16 | 0,571   | 1,551 | 0,579 | 1,823 | 15/16 |
| QBLV-1/2-3/8-U        |           | 3/8  | 0,689   | 1,551 | 0,579 | 1,858 | 15/16 |
| QBLV-1/2-1/2-U        |           | 1/2  | 0,819   | 1,551 | 0,579 | 1,984 | 15/16 |

Dimensions

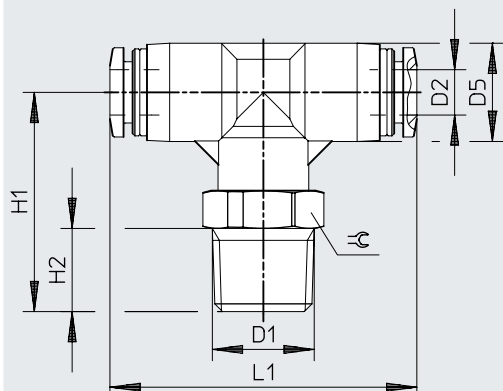
Dimensions – Push-in L-connector QBL-...T Download CAD data [www.festo.com](http://www.festo.com)



|             | D1   | D5<br>Ø | D6<br>Ø | H1    |
|-------------|------|---------|---------|-------|
| QBL-5/32T-U | 5/32 | 0,413   | 0,130   | 0,742 |
| QBL-3/16T-U | 3/16 | 0,453   | 0,138   | 0,782 |
| QBL-1/4T-U  | 1/4  | 0,512   | 0,138   | 0,838 |
| QBL-5/16T-U | 5/16 | 0,571   | 0,169   | 0,947 |
| QBL-3/8T-U  | 3/8  | 0,689   | 0,177   | 1,010 |
| QBL-1/2T-U  | 1/2  | 0,827   | 0,177   | 1,189 |

## Dimensions

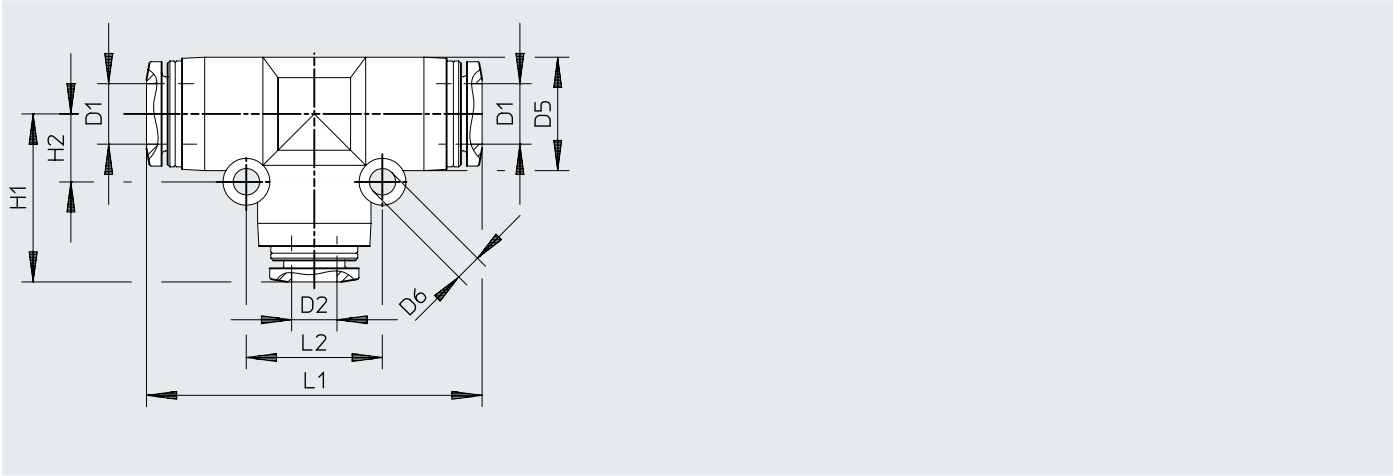
### Dimensions – Push-in T-fitting QBT

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|                      | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ⌀      |
|----------------------|-----------|------|---------|-------|-------|-------|--------|
| QBT-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,413   | 0,841 | 0,142 | 1,469 | 7/16   |
| QBT-10-32-UNF-3/16-U |           | 3/16 | 0,453   | 0,841 | 0,142 | 1,512 | 7/16   |
| QBT-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 1,020 | 0,142 | 1,614 | 1/2    |
| QBT-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,983 | 0,335 | 1,469 | 7/16   |
| QBT-1/8-3/16-U       |           | 3/16 | 0,453   | 0,983 | 0,335 | 1,512 | 7/16   |
| QBT-1/8-1/4-U        |           | 1/4  | 0,512   | 1,094 | 0,335 | 1,614 | 1/2    |
| QBT-1/8-5/16-U       |           | 5/16 | 0,583   | 1,154 | 0,335 | 1,776 | 9/16   |
| QBT-1/8-3/8-U        | NPT1/4-18 | 3/8  | 0,689   | 1,180 | 0,335 | 1,866 | 1 1/16 |
| QBT-1/4-5/32-U       |           | 5/32 | 0,413   | 1,101 | 0,413 | 1,469 | 9/16   |
| QBT-1/4-3/16-U       |           | 3/16 | 0,453   | 1,101 | 0,413 | 1,512 | 9/16   |
| QBT-1/4-1/4-U        |           | 1/4  | 0,512   | 1,201 | 0,413 | 1,614 | 9/16   |
| QBT-1/4-5/16-U       |           | 5/16 | 0,583   | 1,233 | 0,413 | 1,776 | 9/16   |
| QBT-1/4-3/8-U        |           | 3/8  | 0,689   | 1,258 | 0,413 | 1,866 | 1 1/16 |
| QBT-1/4-1/2-U        | NPT3/8-18 | 1/2  | 0,827   | 1,398 | 0,413 | 2,224 | 3/4    |
| QBT-3/8-3/16-U       |           | 3/16 | 0,453   | 1,140 | 0,453 | 1,512 | 1 1/16 |
| QBT-3/8-1/4-U        |           | 1/4  | 0,512   | 1,240 | 0,453 | 1,614 | 1 1/16 |
| QBT-3/8-5/16-U       |           | 5/16 | 0,583   | 1,272 | 0,453 | 1,776 | 1 1/16 |
| QBT-3/8-3/8-U        |           | 3/8  | 0,689   | 1,298 | 0,453 | 1,866 | 1 1/16 |
| QBT-3/8-1/2-U        |           | 1/2  | 0,827   | 1,437 | 0,453 | 2,224 | 3/4    |
| QBT-1/2-3/8-U        | NPT1/2-14 | 3/8  | 0,689   | 1,416 | 0,571 | 1,866 | 7/8    |
| QBT-1/2-1/2-U        |           | 1/2  | 0,827   | 1,556 | 0,571 | 2,224 | 7/8    |

Dimensions

Dimensions – Push-in T-connector QBT-...T Download CAD data [www.festo.com](http://www.festo.com)

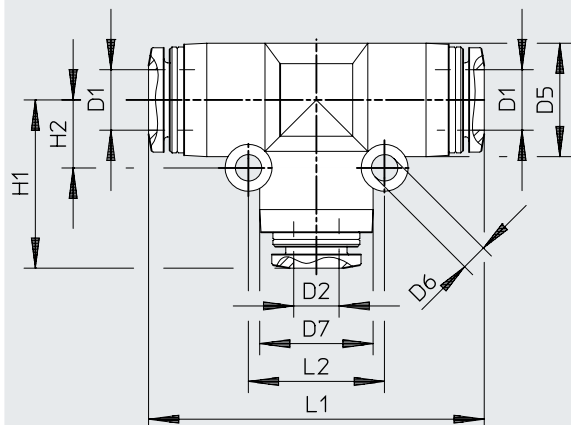


|             | D1   | D2   | D5<br>Ø | D6<br>Ø | H1    | H2    | L1    | L2    |
|-------------|------|------|---------|---------|-------|-------|-------|-------|
| QBT-5/32T-U | 5/32 | 5/32 | 0,413   | 0,130   | 0,739 | 0,248 | 1,429 | 0,496 |
| QBT-3/16T-U | 3/16 | 3/16 | 0,453   | 0,138   | 0,782 | 0,295 | 1,567 | 0,591 |
| QBT-1/4T-U  | 1/4  | 1/4  | 0,512   | 0,138   | 0,838 | 0,323 | 1,677 | 0,650 |
| QBT-5/16T-U | 5/16 | 5/16 | 0,571   | 0,169   | 0,935 | 0,350 | 1,795 | 0,701 |
| QBT-3/8T-U  | 3/8  | 3/8  | 0,689   | 0,177   | 1,010 | 0,433 | 2,024 | 0,866 |
| QBT-1/2T-U  | 1/2  | 1/2  | 0,827   | 0,177   | 1,189 | 0,500 | 2,382 | 1,004 |

## Dimensions

Dimensions – Push-in T-connector QBT-...T, reducing

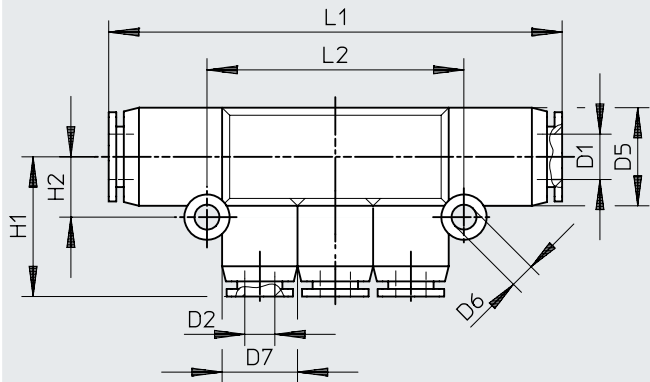
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|                 | D1   | D2   | D5<br>ø | D6<br>ø | D7    | H1    | H2    | L1    | L2    |
|-----------------|------|------|---------|---------|-------|-------|-------|-------|-------|
| QBT-1/4T-5/32-U | 1/4  | 5/32 | 0,126   | 0,512   | 0,169 | 0,413 | 0,787 | 0,323 | 1,589 |
| QBT-5/16T-1/4-U | 5/16 | 1/4  | 0,197   | 0,583   | 0,177 | 0,512 | 0,890 | 0,382 | 1,815 |
| QBT-3/8T-1/4-U  | 3/8  | 1/4  | 0,197   | 0,689   | 0,177 | 0,512 | 0,920 | 0,433 | 1,906 |
| QBT-3/8T-5/16-U |      | 5/16 | 0,256   | 0,689   | 0,169 | 0,571 | 0,991 | 0,429 | 1,945 |
| QBT-1/2T-3/8-U  | 1/2  | 3/8  | 0,315   | 0,827   | 0,177 | 0,689 | 1,032 | 0,500 | 2,303 |

Dimensions

Dimensions – Multiple distributor QBT3-...T Download CAD data [www.festo.com](http://www.festo.com)

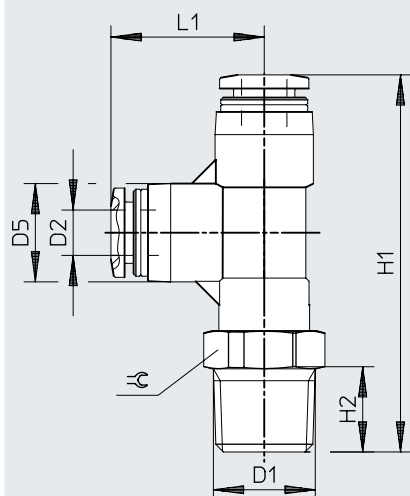


|                   | D1   | D2   | D5<br>ø | D6<br>ø | D7<br>ø | H1    | H2    | L1    | L2    |
|-------------------|------|------|---------|---------|---------|-------|-------|-------|-------|
| QBT3-3/16T-5/32-U | 3/16 | 5/32 | 0,453   | 0,177   | 0,413   | 0,809 | 0,315 | 2,386 | 1,417 |
| QBT3-1/4T-5/32-U  | 1/4  | 5/32 | 0,512   | 0,177   | 0,413   | 0,807 | 0,343 | 2,425 | 1,417 |
| QBT3-5/16T-5/32-U | 5/16 | 5/32 | 0,571   | 0,169   | 0,413   | 0,821 | 0,358 | 2,614 | 1,370 |
| QBT3-5/16T-3/16-U |      | 3/16 | 0,571   | 0,177   | 0,453   | 0,853 | 0,382 | 2,705 | 1,535 |
| QBT3-5/16T-1/4-U  |      | 1/4  | 0,571   | 0,177   | 0,512   | 0,892 | 0,382 | 2,862 | 1,713 |
| QBT3-3/8T-1/4-U   | 3/8  | 1/4  | 0,689   | 0,177   | 0,512   | 0,920 | 0,433 | 2,913 | 1,713 |
| QBT3-3/8T-5/16-U  |      | 5/16 | 0,689   | 0,169   | 0,571   | 1,026 | 0,374 | 3,291 | 1,850 |



## Dimensions

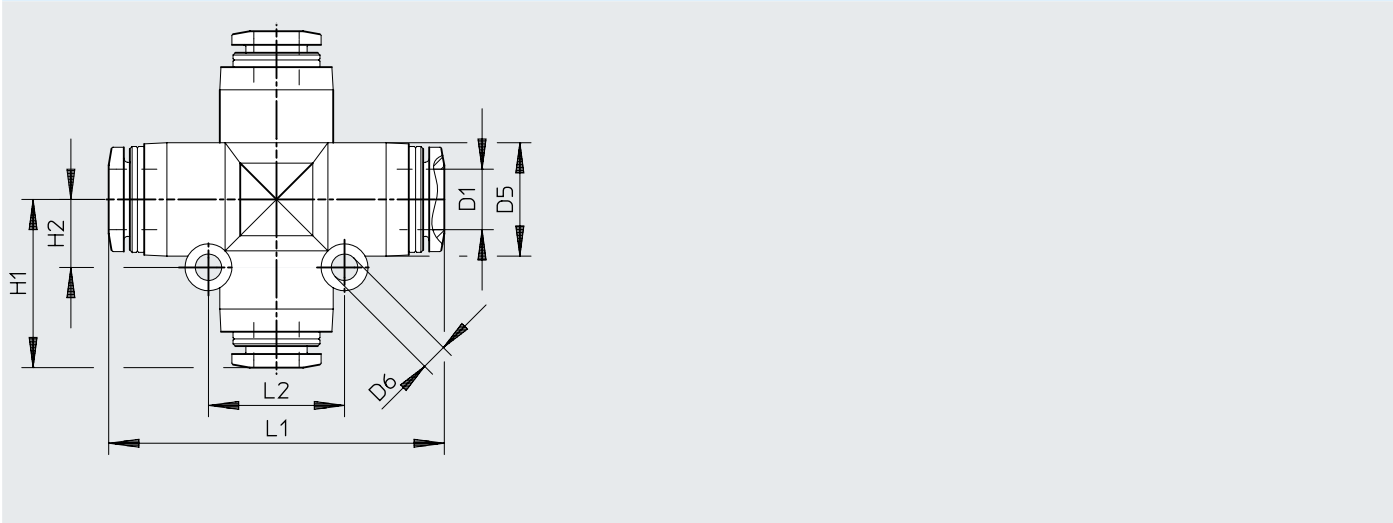
Dimensions – Push-in T-fitting QBTL

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|                       | D1        | D2   | D5<br>ø | H1    | H2    | L1    | ⌀      |
|-----------------------|-----------|------|---------|-------|-------|-------|--------|
| QBTL-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,417   | 1,654 | 0,142 | 0,772 | 7/16   |
| QBTL-10-32-UNF-3/16-U |           | 3/16 | 0,453   | 1,638 | 0,142 | 0,794 | 7/16   |
| QBTL-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 1,866 | 0,142 | 0,846 | 1/2    |
| QBTL-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,417   | 1,831 | 0,335 | 0,772 | 7/16   |
| QBTL-1/8-3/16-U       |           | 3/16 | 0,453   | 1,780 | 0,335 | 0,794 | 7/16   |
| QBTL-1/8-1/4-U        |           | 1/4  | 0,512   | 1,941 | 0,335 | 0,846 | 1/2    |
| QBTL-1/8-5/16-U       |           | 5/16 | 0,591   | 2,126 | 0,335 | 0,937 | 9/16   |
| QBTL-1/8-3/8-U        | NPT1/4-18 | 3/8  | 0,689   | 2,252 | 0,335 | 1,010 | 1 1/16 |
| QBTL-1/4-5/32-U       |           | 5/32 | 0,417   | 1,913 | 0,413 | 0,772 | 9/16   |
| QBTL-1/4-3/16-U       |           | 3/16 | 0,453   | 1,898 | 0,413 | 0,794 | 9/16   |
| QBTL-1/4-1/4-U        |           | 1/4  | 0,512   | 2,047 | 0,413 | 0,846 | 9/16   |
| QBTL-1/4-5/16-U       |           | 5/16 | 0,591   | 2,205 | 0,413 | 0,937 | 9/16   |
| QBTL-1/4-3/8-U        |           | 3/8  | 0,689   | 2,331 | 0,413 | 1,010 | 1 1/16 |
| QBTL-1/4-1/2-U        | NPT3/8-18 | 1/2  | 0,827   | 2,587 | 0,413 | 1,189 | 3/4    |
| QBTL-3/8-3/16-U       |           | 3/16 | 0,453   | 1,937 | 0,453 | 0,794 | 1 1/16 |
| QBTL-3/8-1/4-U        |           | 1/4  | 0,512   | 2,087 | 0,453 | 0,846 | 1 1/16 |
| QBTL-3/8-5/16-U       |           | 5/16 | 0,591   | 2,244 | 0,453 | 0,937 | 1 1/16 |
| QBTL-3/8-3/8-U        |           | 3/8  | 0,689   | 2,370 | 0,453 | 1,010 | 1 1/16 |
| QBTL-3/8-1/2-U        |           | 1/2  | 0,827   | 2,626 | 0,453 | 1,189 | 3/4    |
| QBTL-1/2-3/8-U        | NPT1/2-14 | 3/8  | 0,689   | 2,480 | 0,571 | 1,010 | 7/8    |
| QBTL-1/2-1/2-U        |           | 1/2  | 0,827   | 2,744 | 0,571 | 1,189 | 7/8    |

Dimensions

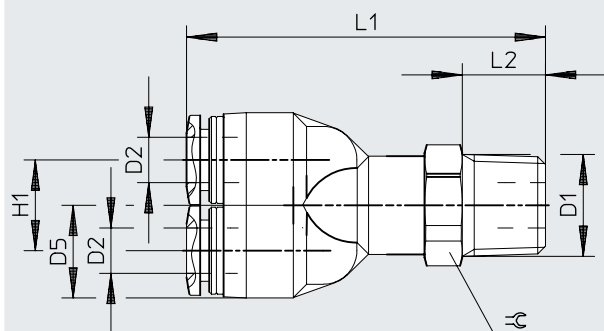
Dimensions – Push-in X connector QBX-...T Download CAD data [www.festo.com](http://www.festo.com)



|             | D1   | D5<br>ø | D6<br>ø | H1    | L1    | L2    |
|-------------|------|---------|---------|-------|-------|-------|
| QBX-5/32T-U | 5/32 | 0,413   | 0,130   | 0,707 | 1,413 | 0,500 |
| QBX-3/16T-U | 3/16 | 0,453   | 0,138   | 0,782 | 1,567 | 0,591 |
| QBX-1/4T-U  | 1/4  | 0,512   | 0,130   | 0,838 | 1,677 | 0,642 |
| QBX-5/16T-U | 5/16 | 0,571   | 0,165   | 0,896 | 1,795 | 0,717 |
| QBX-3/8T-U  | 3/8  | 0,689   | 0,169   | 0,951 | 1,906 | 0,799 |
| QBX-1/2T-U  | 1/2  | 0,827   | 0,169   | 1,189 | 2,382 | 0,996 |

## Dimensions

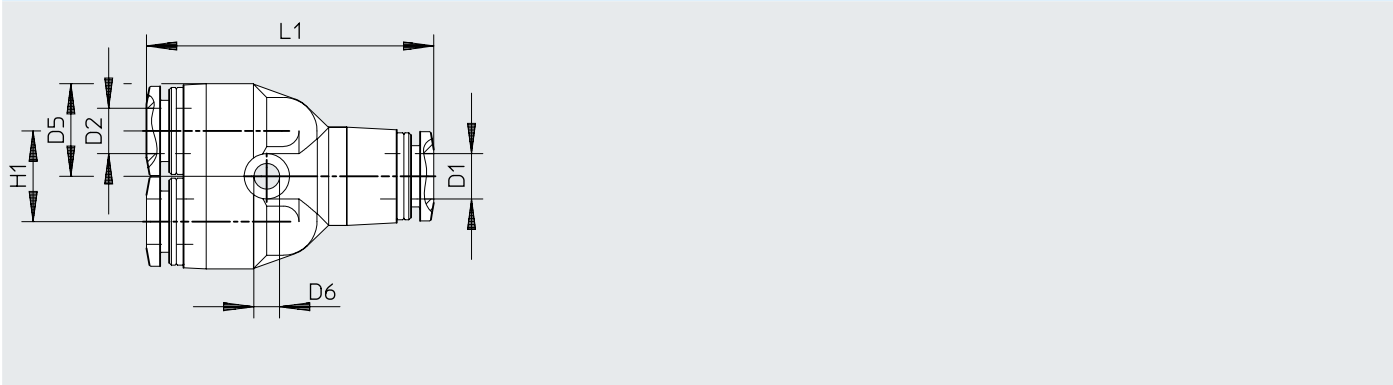
Dimensions – Push-in Y-fitting, QBY

Download CAD data [www.festo.com](http://www.festo.com)

|                      | D1        | D2   | D5<br>ø | H1    | L1    | L2    | ≡      |
|----------------------|-----------|------|---------|-------|-------|-------|--------|
| QBY-10-32-UNF-5/32-U | UNF10-32  | 5/32 | 0,413   | 0,413 | 1,591 | 0,142 | 7/16   |
| QBY-10-32-UNF-3/16-U |           | 3/16 | 0,453   | 0,453 | 1,650 | 0,142 | 7/16   |
| QBY-10-32-UNF-1/4-U  |           | 1/4  | 0,512   | 0,512 | 1,803 | 0,142 | 1/2    |
| QBY-1/8-5/32-U       | NPT1/8-27 | 5/32 | 0,413   | 0,413 | 1,732 | 0,335 | 7/16   |
| QBY-1/8-3/16-U       |           | 3/16 | 0,453   | 0,453 | 1,791 | 0,335 | 7/16   |
| QBY-1/8-1/4-U        |           | 1/4  | 0,512   | 0,512 | 1,878 | 0,335 | 1/2    |
| QBY-1/8-5/16-U       |           | 5/16 | 0,571   | 0,571 | 1,941 | 0,335 | 9/16   |
| QBY-1/8-3/8-U        |           | 3/8  | 0,693   | 0,693 | 2,071 | 0,335 | 1 1/16 |
| QBY-1/4-5/32-U       | NPT1/4-18 | 5/32 | 0,413   | 0,413 | 1,850 | 0,413 | 9/16   |
| QBY-1/4-3/16-U       |           | 3/16 | 0,453   | 0,453 | 1,909 | 0,413 | 9/16   |
| QBY-1/4-1/4-U        |           | 1/4  | 0,512   | 0,512 | 1,984 | 0,413 | 9/16   |
| QBY-1/4-5/16-U       |           | 5/16 | 0,571   | 0,571 | 2,020 | 0,413 | 9/16   |
| QBY-1/4-3/8-U        |           | 3/8  | 0,693   | 0,693 | 2,150 | 0,413 | 1 1/16 |
| QBY-1/4-1/2-U        |           | 1/2  | 0,827   | 0,827 | 2,539 | 0,413 | 3/4    |
| QBY-3/8-3/16-U       | NPT3/8-18 | 3/16 | 0,453   | 0,453 | 1,949 | 0,453 | 1 1/16 |
| QBY-3/8-1/4-U        |           | 1/4  | 0,512   | 0,512 | 2,024 | 0,453 | 1 1/16 |
| QBY-3/8-5/16-U       |           | 5/16 | 0,571   | 0,571 | 2,059 | 0,453 | 1 1/16 |
| QBY-3/8-3/8-U        |           | 3/8  | 0,693   | 0,693 | 2,189 | 0,453 | 1 1/16 |
| QBY-3/8-1/2-U        |           | 1/2  | 0,827   | 0,827 | 2,579 | 0,453 | 3/4    |
| QBY-1/2-5/16-U       | NPT1/2-14 | 5/16 | 0,571   | 0,571 | 2,177 | 0,571 | 7/8    |
| QBY-1/2-3/8-U        |           | 3/8  | 0,693   | 0,693 | 2,307 | 0,571 | 7/8    |
| QBY-1/2-1/2-U        |           | 1/2  | 0,827   | 0,827 | 2,697 | 0,571 | 7/8    |

Dimensions

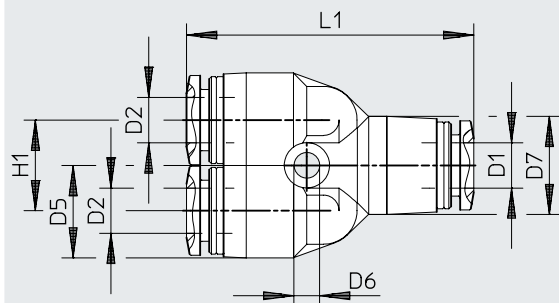
Dimensions – Push-in Y-connector QBY-...T [Download CAD data](#) [www.festo.com](http://www.festo.com)



|             | D1   | D2   | D5<br>ø | D6<br>ø | H1    | L1    |
|-------------|------|------|---------|---------|-------|-------|
| QBY-5/32T-U | 5/32 | 5/32 | 0,413   | 0,130   | 0,413 | 1,429 |
| QBY-3/16T-U | 3/16 | 3/16 | 0,453   | 0,130   | 0,453 | 1,472 |
| QBY-1/4T-U  | 1/4  | 1/4  | 0,512   | 0,130   | 0,512 | 1,567 |
| QBY-5/16T-U | 5/16 | 5/16 | 0,575   | 0,169   | 0,575 | 1,736 |
| QBY-3/8T-U  | 3/8  | 3/8  | 0,689   | 0,177   | 0,689 | 1,846 |
| QBY-1/2T-U  | 1/2  | 1/2  | 0,827   | 0,177   | 0,827 | 2,146 |

## Dimensions

**Dimensions – Push-in Y-connector QBY-...T, reducing**

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|                  | D1   | D2   | D5<br>ø | D6<br>ø | D7<br>ø | H1    | L1    |
|------------------|------|------|---------|---------|---------|-------|-------|
| QBY-3/16T-5/32-U | 3/16 | 5/32 | 0,413   | 0,130   | 0,453   | 0,413 | 1,457 |
| QBY-1/4T-5/32-U  | 1/4  | 5/32 | 0,413   | 0,130   | 0,512   | 0,413 | 1,496 |
| QBY-1/4T-3/16-U  |      | 3/16 | 0,453   | 0,130   | 0,512   | 0,453 | 1,528 |
| QBY-5/16T-5/32-U | 5/16 | 5/32 | 0,413   | 0,130   | 0,583   | 0,413 | 1,563 |
| QBY-5/16T-1/4-U  |      | 1/4  | 0,512   | 0,130   | 0,583   | 0,512 | 1,669 |
| QBY-3/8T-1/4-U   | 3/8  | 1/4  | 0,512   | 0,130   | 0,689   | 0,512 | 1,697 |
| QBY-3/8T-5/16-U  |      | 5/16 | 0,575   | 0,169   | 0,689   | 0,575 | 1,764 |
| QBY-1/2T-5/16-U  | 1/2  | 5/16 | 0,583   | 0,130   | 0,827   | 0,575 | 1,890 |
| QBY-1/2T-3/8-U   |      | 3/8  | 0,689   | 0,177   | 0,827   | 0,689 | 1,996 |

## Ordering data

| Ordering data – Push-in fitting QB                                               |                              |                                      |              |              |          |                       |
|----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                  |
|  | Male thread M5               | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533210   | QB-M5-5/32-U-M        |
|                                                                                  |                              | For tubing outside diameter of 3/16" |              |              | 533211   | QB-M5-3/16-U-M        |
|                                                                                  |                              | For tubing outside diameter of 1/4"  |              |              | 533212   | QB-M5-1/4-U-M         |
|                                                                                  | Male thread R1/8             | For tubing outside diameter of 5/32" | 0.118 in     |              | 533214   | QB-1/8-5/32-U-M       |
|                                                                                  |                              | For tubing outside diameter of 3/16" |              |              | 533215   | QB-1/8-3/16-U-M       |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.197 in     |              | 533216   | QB-1/8-1/4-U-M        |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533217   | QB-1/8-5/16-U-M       |
|                                                                                  | Male thread R1/4             | For tubing outside diameter of 3/16" | 0.118 in     |              | 533218   | QB-1/4-3/16-U-M       |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.197 in     |              | 533219   | QB-1/4-1/4-U-M        |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.276 in     |              | 533220   | QB-1/4-5/16-U-M       |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.236 in     |              | 533221   | QB-1/4-3/8-U-M        |
|                                                                                  | Male thread R3/8             | For tubing outside diameter of 1/4"  | 0.197 in     |              | 533222   | QB-3/8-1/4-U-M        |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.276 in     |              | 533223   | QB-3/8-5/16-U-M       |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 533224   | QB-3/8-3/8-U-M        |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.394 in     |              | 533225   | QB-3/8-1/2-U-M        |
|                                                                                  | Male thread R1/2             | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533226   | QB-1/2-3/8-U-M        |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.394 in     |              | 533227   | QB-1/2-1/2-U-M        |
|                                                                                  | Male thread 10-32 UNF-2A     | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533267   | QB-10-32-UNF-5/32-U   |
|                                                                                  |                              | For tubing outside diameter of 3/16" | 0.094 in     |              | 572313   | QB-10-32-UNF-3/16-I-U |
|                                                                                  |                              |                                      | 0.098 in     |              | 533268   | QB-10-32-UNF-3/16-U   |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.094 in     |              | 572316   | QB-10-32-UNF-1/4-I-U  |

## Ordering data

| Ordering data – Push-in fitting QB                                                |                                       |                                       |                                       |              |                 |                    |                |
|-----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------|-----------------|--------------------|----------------|
|                                                                                   | Pneumatic connection, port 1          | Pneumatic connection, port 2          | Nominal size                          | Size of pack | Part no.        | Type               |                |
|  | Male thread 10-32 UNF-2A              | For tubing outside diameter of 1/4“   | 0.098 in                              | 10           | 533269          | QB-10-32-UNF-1/4-U |                |
|                                                                                   | Male thread 1/8 NPT                   | For tubing outside diameter of 5/32“  | 0.126 in                              |              | 533271          | QB-1/8-5/32-U      |                |
|                                                                                   |                                       | For tubing outside diameter of 3/16“  |                                       |              | 572317          | QB-1/8-5/32-I-U    |                |
|                                                                                   |                                       | For tubing outside diameter of 1/4“   | 0.189 in                              |              | 533272          | QB-1/8-3/16-U      |                |
|                                                                                   |                                       | For tubing outside diameter of 5/16“  |                                       |              | 572315          | QB-1/8-3/16-I-U    |                |
|                                                                                   |                                       | For tubing outside diameter of 3/8“   |                                       |              | 572318          | QB-1/8-1/4-I-U     |                |
|                                                                                   |                                       | Male thread 1/4 NPT                   | For tubing outside diameter of 5/32“  |              | 0.126 in        | 533273             | QB-1/8-1/4-U   |
|                                                                                   |                                       |                                       | For tubing outside diameter of 3/16“  |              |                 | 533274             | QB-1/8-5/16-U  |
|                                                                                   | For tubing outside diameter of 1/4“   |                                       | 0.189 in                              |              | 572319          | QB-1/8-5/16-I-U    |                |
|                                                                                   | For tubing outside diameter of 5/16“  |                                       |                                       |              | 567773          | QB-1/8-3/8-U       |                |
|                                                                                   | Male thread 3/8 NPT                   |                                       | For tubing outside diameter of 1/4“   |              | 0.126 in        | 567772             | QB-1/4-5/32-U  |
|                                                                                   |                                       |                                       | For tubing outside diameter of 3/8“   |              |                 | 533275             | QB-1/4-3/16-U  |
|                                                                                   |                                       | For tubing outside diameter of 1/2“   | 0.189 in                              |              | 572320          | QB-1/4-1/4-I-U     |                |
|                                                                                   |                                       | For tubing outside diameter of 5/16“  |                                       |              | 533276          | QB-1/4-1/4-U       |                |
|                                                                                   |                                       | Male thread 1/2 NPT                   | For tubing outside diameter of 3/8“   | 0.252 in     | 533277          | QB-1/4-5/16-U      |                |
|                                                                                   |                                       |                                       | For tubing outside diameter of 1/2“   |              | 572321          | QB-1/4-5/16-I-U    |                |
|                                                                                   | For tubing outside diameter of 5/16“  |                                       | 0.315 in                              | 533278       | QB-1/4-3/8-U    |                    |                |
|                                                                                   | For tubing outside diameter of 3/4“   |                                       |                                       | 572322       | QB-1/4-3/8-I-U  |                    |                |
|                                                                                   | Male thread 3/4 NPT                   |                                       | For tubing outside diameter of 1/2“   | 0.252 in     | 567771          | QB-1/4-1/2-U       |                |
|                                                                                   |                                       |                                       | For tubing outside diameter of 3/4“   |              | 533279          | QB-3/8-1/4-U       |                |
|                                                                                   |                                       | For tubing outside diameter of 1 1/8“ | 0.189 in                              | 533280       | QB-3/8-5/16-U   |                    |                |
|                                                                                   |                                       | For tubing outside diameter of 1 1/4“ |                                       | 572323       | QB-3/8-5/16-I-U |                    |                |
|                                                                                   |                                       | Male thread 1 NPT                     | For tubing outside diameter of 3/4“   | 0.315 in     | 5               | 533281             | QB-3/8-3/8-U   |
|                                                                                   |                                       |                                       | For tubing outside diameter of 1 1/4“ |              | 10              | 572324             | QB-3/8-3/8-I-U |
|                                                                                   | For tubing outside diameter of 1 1/2“ |                                       | 0.374 in                              | 5            | 533282          | QB-3/8-1/2-U       |                |
|                                                                                   | For tubing outside diameter of 1 3/4“ |                                       |                                       | 10           | 572325          | QB-3/8-1/2-I-U     |                |
|                                                                                   | Male thread 1 1/2 NPT                 |                                       | For tubing outside diameter of 1 1/2“ | 0.252 in     | 567770          | QB-1/2-5/16-U      |                |
| For tubing outside diameter of 1 3/4“                                             |                                       |                                       | 533283                                |              | QB-1/2-3/8-U    |                    |                |
| For tubing outside diameter of 1 7/8“                                             |                                       | 0.315 in                              | 5                                     | 533284       | QB-1/2-1/2-U    |                    |                |
| For tubing outside diameter of 2“                                                 |                                       |                                       | 10                                    | 572326       | QB-1/2-1/2-I-U  |                    |                |

## Ordering data

| Ordering data – Push-in connector QB                                             |                                      |                                      |                                      |              |           |                 |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------|-----------|-----------------|
|                                                                                  | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size                         | Size of pack | Part no.  | Type            |
|  | Push-in sleeve Ø 1/8"                | For tubing outside diameter of 1/4"  | 0.051 in                             | 10           | 564810    | QB-1/8H-1/4-U   |
|                                                                                  | Push-in sleeve Ø 5/32"               | For tubing O.D. 1/8"                 | 0.079 in                             |              | 564811    | QB-5/32H-1/8-U  |
|                                                                                  |                                      | For tubing outside diameter of 1/4"  |                                      |              | 564812    | QB-5/32H-1/4-U  |
|                                                                                  | Push-in sleeve diameter 1/4"         | For tubing outside diameter of 5/32" | 0.134 in                             |              | 564814    | QB-1/4H-5/32-U  |
|                                                                                  |                                      | For tubing O.D. 1/8"                 | 0.098 in                             |              | 564813    | QB-1/4H-1/8-U   |
|                                                                                  | Push-in sleeve diameter 5/16"        | For tubing outside diameter of 5/32" | 0.197 in                             |              | 564815    | QB-5/16H-5/32-U |
|                                                                                  |                                      | For tubing outside diameter of 1/4"  | 0.157 in                             |              | 564816    | QB-5/16H-1/4-U  |
|                                                                                  | Push-in sleeve diameter 3/8"         | For tubing outside diameter of 1/4"  | 0.22 in                              |              | 564817    | QB-3/8H-1/4-U   |
|                                                                                  |                                      | For tubing outside diameter of 5/16" | 0.256 in                             |              | 567779    | QB-3/8H-5/16-U  |
|                                                                                  | Push-in sleeve Ø 1/2"                | For tubing outside diameter of 3/8"  | 0.315 in                             |              | 567780    | QB-1/2H-3/8-U   |
|                                                                                  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.118 in                             |              | 564754    | QB-5/32T-U      |
|                                                                                  |                                      |                                      | 0.126 in                             |              | 564797    | QB-3/16T-5/32-U |
|                                                                                  | For tubing outside diameter of 3/16" | For tubing outside diameter of 3/16" | 0.138 in                             |              | 564755    | QB-3/16T-U      |
|                                                                                  |                                      |                                      |                                      |              |           |                 |
|                                                                                  | For tubing O.D. 1/4"                 | For tubing outside diameter of 5/32" | 0.126 in                             |              | 564798    | QB-1/4T-5/32-U  |
|                                                                                  |                                      | For tubing outside diameter of 3/16" | 0.15 in                              |              | 564799    | QB-1/4T-3/16-U  |
|                                                                                  |                                      | For tubing outside diameter of 1/4"  | 0.189 in                             |              | 564756    | QB-1/4T-U       |
|                                                                                  |                                      | For tubing outside diameter of 5/16" | 0.197 in                             |              | 564801    | QB-5/16T-1/4-U  |
|                                                                                  |                                      | For tubing outside diameter of 3/8"  |                                      |              | 564802    | QB-3/8T-1/4-U   |
|                                                                                  | For tubing O.D. 5/16"                | For tubing outside diameter of 5/32" | 0.126 in                             |              | 564800    | QB-5/16T-5/32-U |
|                                                                                  |                                      | For tubing outside diameter of 5/16" | 0.256 in                             |              | 564757    | QB-5/16T-U      |
|                                                                                  | For tubing outer diameter of 3/8"    |                                      | For tubing outside diameter of 5/16" |              | 0.276 in  | 564803          |
|                                                                                  |                                      | For tubing O.D. 1/2"                 | For tubing outside diameter of 3/8"  | 0.315 in     | 564758    | QB-3/8T-U       |
|                                                                                  |                                      |                                      | For tubing outside diameter of 1/2"  | 0.354 in     | 564804    | QB-1/2T-3/8-U   |
|                                                                                  |                                      |                                      | 5                                    | 564759       | QB-1/2T-U |                 |



## Ordering data

| Ordering data – Blanking plug QBC....H                                            |                               |              |          |             |  |
|-----------------------------------------------------------------------------------|-------------------------------|--------------|----------|-------------|--|
|                                                                                   | Pneumatic connection, port 1  | Size of pack | Part no. | Type        |  |
|  | Push-in sleeve Ø 3/16"        | 10           | 564785   | QBC-3/16H-U |  |
|                                                                                   | Push-in sleeve Ø 5/32"        |              | 564784   | QBC-5/32H-U |  |
|                                                                                   | Push-in sleeve diameter 1/4"  |              | 564786   | QBC-1/4H-U  |  |
|                                                                                   | Push-in sleeve diameter 5/16" |              | 564787   | QBC-5/16H-U |  |
|                                                                                   | Push-in sleeve diameter 3/8"  |              | 564788   | QBC-3/8H-U  |  |
|                                                                                   | Push-in sleeve Ø 1/2"         |              | 564789   | QBC-1/2H-U  |  |

| Ordering data – Push-in fitting QBF                                               |                              |                                      |              |              |          |                |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|----------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type           |
|  | Male thread 3/8 NPT          | For tubing outside diameter of 5/16" | 0.236 in     | 10           | 567774   | QBF-3/8-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 5/32" | 0.138 in     |              | 564636   | QBF-1/8-5/32-U |
|                                                                                   | Female thread 1/8 NPT        | For tubing outside diameter of 3/16" | 0.157 in     |              | 564637   | QBF-1/8-3/16-U |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564638   | QBF-1/8-1/4-U  |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564639   | QBF-1/8-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 564640   | QBF-1/8-3/8-U  |
|                                                                                   | Female thread 1/4 NPT        | For tubing outside diameter of 5/32" | 0.138 in     | 10           | 564642   | QBF-1/4-5/32-U |
|                                                                                   |                              | For tubing outside diameter of 3/16" | 0.157 in     |              | 564643   | QBF-1/4-3/16-U |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564644   | QBF-1/4-1/4-U  |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564645   | QBF-1/4-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 564646   | QBF-1/4-3/8-U  |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.394 in     | 5            | 564647   | QBF-1/4-1/2-U  |
|                                                                                   | Female thread 3/8 NPT        | For tubing outside diameter of 1/4"  | 0.197 in     | 10           | 564648   | QBF-3/8-1/4-U  |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 564649   | QBF-3/8-3/8-U  |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.394 in     | 5            | 564650   | QBF-3/8-1/2-U  |
|                                                                                   | Female thread 1/2 NPT        | For tubing outside diameter of 5/16" | 0.236 in     | 10           | 564651   | QBF-1/2-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 564652   | QBF-1/2-3/8-U  |

## Ordering data

Ordering data – Push-in sleeve QBH

|                                                                                  | Pneumatic connection, port 1  | Pneumatic connection, port 2 | Nominal size | Size of pack | Part no.       | Type            |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------|--------------|--------------|----------------|-----------------|
|  | Push-in sleeve Ø 3/16"        | Push-in sleeve Ø 5/32"       | 0.079 in     | 10           | 567781         | QBH-3/16-5/32-U |
|                                                                                  | Push-in sleeve diameter 1/4"  |                              | 0.11 in      |              | 567761         | QBH-1/4-5/32-U  |
|                                                                                  |                               | 567782                       |              |              | QBH-1/4-3/16-U |                 |
|                                                                                  | Push-in sleeve diameter 5/16" | Push-in sleeve Ø 1/4"        | 0.157 in     |              | 567783         | QBH-5/16-1/4-U  |
|                                                                                  | Push-in sleeve diameter 3/8"  | Push-in sleeve Ø 5/16"       | 0.197 in     |              | 567762         | QBH-3/8-1/4-U   |
|                                                                                  |                               |                              |              |              | 567784         | QBH-3/8-5/16-U  |
|                                                                                  | Push-in sleeve Ø 1/2"         | Push-in sleeve Ø 3/8"        | 0.256 in     |              | 567785         | QBH-1/2-3/8-U   |

Ordering data – Push-in L-fitting QBL

|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type             |
|----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|------------------|
|  | Male thread M5               | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533229   | QBL-M5-5/32-U-M  |
|                                                                                  |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 533230   | QBL-M5-3/16-U-M  |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.098 in     |              | 533231   | QBL-M5-1/4-U-M   |
|                                                                                  | Male thread R1/8             | For tubing outside diameter of 5/32" | 0.118 in     |              | 533233   | QBL-1/8-5/32-U-M |
|                                                                                  |                              | For tubing outside diameter of 3/16" |              |              | 533234   | QBL-1/8-3/16-U-M |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533235   | QBL-1/8-1/4-U-M  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533236   | QBL-1/8-5/16-U-M |
|                                                                                  |                              | For tubing outside diameter of 3/8"  |              | 5            | 562578   | QBL-1/8-3/8-U-M  |
|                                                                                  | Male thread R1/4             | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 533237   | QBL-1/4-3/16-U-M |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533238   | QBL-1/4-1/4-U-M  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533239   | QBL-1/4-5/16-U-M |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 533240   | QBL-1/4-3/8-U-M  |
|                                                                                  | Male thread R3/8             | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533241   | QBL-3/8-1/4-U-M  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533242   | QBL-3/8-5/16-U-M |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533243   | QBL-3/8-3/8-U-M  |

## Ordering data

| Ordering data – Push-in L-fitting QBL                                             |                              |                                      |              |              |          |                      |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|----------------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                 |
|  | Male thread R3/8             | For tubing outside diameter of 1/2"  | 0.394 in     | 5            | 533244   | QBL-3/8-1/2-U-M      |
|                                                                                   | Male thread R1/2             | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533245   | QBL-1/2-3/8-U-M      |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.394 in     |              | 533246   | QBL-1/2-1/2-U-M      |
|                                                                                   | Male thread 10-32 UNF-2A     | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533286   | QBL-10-32-UNF-5/32-U |
|                                                                                   |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 533287   | QBL-10-32-UNF-3/16-U |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.098 in     |              | 533288   | QBL-10-32-UNF-1/4-U  |
|                                                                                   | Male thread 1/8 NPT          | For tubing outside diameter of 5/32" | 0.118 in     |              | 533290   | QBL-1/8-5/32-U       |
|                                                                                   |                              | For tubing outside diameter of 3/16" |              |              | 533291   | QBL-1/8-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533292   | QBL-1/8-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533293   | QBL-1/8-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.197 in     |              | 567777   | QBL-1/8-3/8-U        |
|                                                                                   | Male thread 1/4 NPT          | For tubing outside diameter of 5/32" | 0.118 in     |              | 567776   | QBL-1/4-5/32-U       |
|                                                                                   |                              | For tubing outside diameter of 3/16" |              |              | 533294   | QBL-1/4-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533295   | QBL-1/4-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533296   | QBL-1/4-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 533297   | QBL-1/4-3/8-U        |
|                                                                                   |                              | For tubing outside diameter of 1/2"  |              |              | 567775   | QBL-1/4-1/2-U        |
|                                                                                   | Male thread 3/8 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 567763   | QBL-3/8-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     | 5            | 533298   | QBL-3/8-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533299   | QBL-3/8-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533300   | QBL-3/8-3/8-U        |

## Ordering data

| Ordering data – Push-in L-fitting QBL                                            |                              |                                     |              |              |          |               |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|--------------|----------|---------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Nominal size | Size of pack | Part no. | Type          |
|  | Male thread 3/8 NPT          | For tubing outside diameter of 1/2" | 0.394 in     | 5            | 533301   | QBL-3/8-1/2-U |
|                                                                                  | Male thread 1/2 NPT          | For tubing outside diameter of 3/8" | 0.315 in     |              | 533302   | QBL-1/2-3/8-U |
|                                                                                  |                              | For tubing outside diameter of 1/2" | 0.394 in     |              | 533303   | QBL-1/2-1/2-U |

| Ordering data – Push-in L-connector QBL                                          |                                      |                                      |              |              |          |             |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------|--------------|----------|-------------|
|                                                                                  | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type        |
|  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 564760   | QBL-5/32T-U |
|                                                                                  | For tubing outside diameter of 3/16" | For tubing outside diameter of 3/16" | 0.138 in     |              | 564761   | QBL-3/16T-U |
|                                                                                  | For tubing O.D. 1/4"                 | For tubing outside diameter of 1/4"  | 0.189 in     |              | 564762   | QBL-1/4T-U  |
|                                                                                  | For tubing O.D. 5/16"                | For tubing outside diameter of 5/16" | 0.276 in     |              | 564763   | QBL-5/16T-U |
|                                                                                  | For tubing outer diameter of 3/8"    | For tubing outside diameter of 3/8"  | 0.315 in     |              | 564764   | QBL-3/8T-U  |
|                                                                                  | For tubing O.D. 1/2"                 | For tubing outside diameter of 1/2"  | 0.354 in     | 5            | 564765   | QBL-1/2T-U  |

| Ordering data – Push-in L-fitting QBLF                                             |                              |                                      |              |              |          |                       |
|------------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                  |
|  | Female thread 10-32 UNF-2B   | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 567765   | QBLF-10-32-UNF-5/32-U |
|                                                                                    |                              | For tubing outside diameter of 1/4"  | 0.118 in     |              | 567764   | QBLF-10-32-UNF-1/4-U  |
|                                                                                    | Female thread 1/8 NPT        | For tubing outside diameter of 5/32" | 0.098 in     |              | 564653   | QBLF-1/8-5/32-U       |
|                                                                                    |                              | For tubing outside diameter of 1/4"  | 0.157 in     |              | 564655   | QBLF-1/8-1/4-U        |
|                                                                                    |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564656   | QBLF-1/8-5/16-U       |
|                                                                                    | Female thread 1/4 NPT        | For tubing outside diameter of 5/32" | 0.098 in     |              | 564657   | QBLF-1/4-5/32-U       |
|                                                                                    |                              | For tubing outside diameter of 3/16" |              |              | 564658   | QBLF-1/4-3/16-U       |
|                                                                                    |                              | For tubing outside diameter of 1/4"  | 0.157 in     |              | 564659   | QBLF-1/4-1/4-U        |

## Ordering data

| Ordering data – Push-in L-fitting QBLF                                            |                              |                                      |              |              |          |                 |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type            |
|  | Female thread 1/4 NPT        | For tubing outside diameter of 5/16" | 0.236 in     | 5            | 564660   | QBLF-1/4-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.276 in     |              | 564661   | QBLF-1/4-3/8-U  |
|                                                                                   | Female thread 3/8 NPT        | For tubing outside diameter of 3/16" | 0.098 in     | 10           | 564654   | QBLF-1/8-3/16-U |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.157 in     |              | 564662   | QBLF-3/8-1/4-U  |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     | 5            | 564663   | QBLF-3/8-5/16-U |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.276 in     |              | 564664   | QBLF-3/8-3/8-U  |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.354 in     |              | 564665   | QBLF-3/8-1/2-U  |
|                                                                                   | Female thread 1/2 NPT        | For tubing outside diameter of 3/8"  | 0.276 in     |              | 564666   | QBLF-1/2-3/8-U  |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.354 in     |              | 564667   | QBLF-1/2-1/2-U  |

| Ordering data – Push-in L-fitting, long QBLL                                        |                              |                                      |              |              |          |                   |
|-------------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-------------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type              |
|  | Male thread R1/8             | For tubing outside diameter of 1/4“  | 0.157 in     | 10           | 576049   | QBLL-1/8-1/4-U-M  |
|                                                                                     |                              | For tubing outside diameter of 5/16“ | 0.236 in     |              | 576050   | QBLL-1/8-5/16-U-M |
|                                                                                     | Male thread R1/4             | For tubing outside diameter of 1/4“  | 0.157 in     |              | 576051   | QBLL-1/4-1/4-U-M  |
|                                                                                     |                              | For tubing outside diameter of 5/16“ | 0.236 in     |              | 576052   | QBLL-1/4-5/16-U-M |
|                                                                                     |                              | For tubing outside diameter of 3/8“  | 0.315 in     |              | 576053   | QBLL-1/4-3/8-U-M  |
|                                                                                     | Male thread 1/8 NPT          | For tubing outside diameter of 5/32“ | 0.118 in     |              | 564668   | QBLL-1/8-5/32-U   |
|                                                                                     |                              | For tubing outside diameter of 3/16“ |              |              | 564669   | QBLL-1/8-3/16-U   |
|                                                                                     |                              | For tubing outside diameter of 1/4“  | 0.177 in     |              | 564670   | QBLL-1/8-1/4-U    |
|                                                                                     |                              | For tubing outside diameter of 5/16“ | 0.236 in     |              | 564671   | QBLL-1/8-5/16-U   |
|                                                                                     | Male thread 1/4 NPT          | For tubing outside diameter of 5/32“ | 0.118 in     |              | 564672   | QBLL-1/4-5/32-U   |

## Ordering data

## Ordering data – Push-in L-fitting, long QBLL

|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type            |
|----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------|
|  | Male thread 1/4 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 564673   | QBLL-1/4-3/16-U |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564674   | QBLL-1/4-1/4-U  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564675   | QBLL-1/4-5/16-U |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564676   | QBLL-1/4-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.315 in     |              | 564677   | QBLL-1/4-1/2-U  |
|                                                                                  | Male thread 3/8 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 567766   | QBLL-3/8-3/16-U |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564678   | QBLL-3/8-1/4-U  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564679   | QBLL-3/8-5/16-U |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564680   | QBLL-3/8-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.354 in     |              | 564681   | QBLL-3/8-1/2-U  |
|                                                                                  | Male thread 1/2 NPT          | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564682   | QBLL-1/2-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.354 in     |              | 564683   | QBLL-1/2-1/2-U  |

## Ordering data – Push-in bulkhead connector QBS

|                                                                                    | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type        |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------|--------------|----------|-------------|
|  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 564748   | QBS-5/32T-U |
|                                                                                    | For tubing outside diameter of 3/16" | For tubing outside diameter of 3/16" | 0.157 in     |              | 564749   | QBS-3/16T-U |
|                                                                                    | For tubing O.D. 1/4"                 | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564750   | QBS-1/4T-U  |
|                                                                                    | For tubing O.D. 5/16"                | For tubing outside diameter of 5/16" | 0.276 in     |              | 564751   | QBS-5/16T-U |
|                                                                                    | For tubing outer diameter of 3/8"    | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 564752   | QBS-3/8T-U  |
|                                                                                    | For tubing O.D. 1/2"                 | For tubing outside diameter of 1/2"  | 0.433 in     |              | 564753   | QBS-1/2T-U  |

## Ordering data

| Ordering data – Push-in T-fitting QBT                                             |                              |                                      |              |              |          |                      |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|----------------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                 |
|  | Male thread M5               | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533248   | QBT-M5-5/32-U-M      |
|                                                                                   |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 533249   | QBT-M5-3/16-U-M      |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.098 in     |              | 533250   | QBT-M5-1/4-U-M       |
|                                                                                   | Male thread R1/8             | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 533252   | QBT-1/8-5/32-U-M     |
|                                                                                   |                              | For tubing outside diameter of 3/16" |              |              | 533253   | QBT-1/8-3/16-U-M     |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 533254   | QBT-1/8-1/4-U-M      |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     | 5            | 533255   | QBT-1/8-5/16-U-M     |
|                                                                                   |                              | For tubing outside diameter of 3/8"  |              |              | 562579   | QBT-1/8-3/8-U-M      |
|                                                                                   | Male thread R1/4             | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 533256   | QBT-1/4-3/16-U-M     |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     | 5            | 533257   | QBT-1/4-1/4-U-M      |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533258   | QBT-1/4-5/16-U-M     |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533259   | QBT-1/4-3/8-U-M      |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     | 10           | 533260   | QBT-3/8-1/4-U-M      |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 533261   | QBT-3/8-5/16-U-M     |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.315 in     |              | 533262   | QBT-3/8-3/8-U-M      |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.394 in     | 1            | 533263   | QBT-3/8-1/2-U-M      |
|                                                                                   | Male thread R1/2             | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 533264   | QBT-1/2-3/8-U-M      |
|                                                                                   |                              | For tubing outside diameter of 1/2"  | 0.394 in     | 1            | 533265   | QBT-1/2-1/2-U-M      |
|                                                                                   | Male thread 10-32 UNF-2A     | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 533305   | QBT-10-32-UNF-5/32-U |
|                                                                                   |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 533306   | QBT-10-32-UNF-3/16-U |

## Ordering data

| Ordering data – Push-in T-fitting QBT                                            |                              |                                      |                                     |              |                |                     |
|----------------------------------------------------------------------------------|------------------------------|--------------------------------------|-------------------------------------|--------------|----------------|---------------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size                        | Size of pack | Part no.       | Type                |
|  | Male thread 10-32 UNF-2A     | For tubing outside diameter of 1/4"  | 0.098 in                            | 10           | 533307         | QBT-10-32-UNF-1/4-U |
|                                                                                  | Male thread 1/8 NPT          | For tubing outside diameter of 5/32" | 0.118 in                            | 5            | 533309         | QBT-1/8-5/32-U      |
|                                                                                  |                              | For tubing outside diameter of 3/16" |                                     |              | 533310         | QBT-1/8-3/16-U      |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 533311                              |              | QBT-1/8-1/4-U  |                     |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in                            |              | 533312         | QBT-1/8-5/16-U      |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.197 in                            |              | 567767         | QBT-1/8-3/8-U       |
|                                                                                  | Male thread 1/4 NPT          | For tubing outside diameter of 5/32" | 0.118 in                            | 10           | 567778         | QBT-1/4-5/32-U      |
|                                                                                  |                              | For tubing outside diameter of 3/16" |                                     |              | 533313         | QBT-1/4-3/16-U      |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 5                                   | 533314       | QBT-1/4-1/4-U  |                     |
|                                                                                  |                              | For tubing outside diameter of 5/16" |                                     | 533315       | QBT-1/4-5/16-U |                     |
|                                                                                  |                              | For tubing outside diameter of 3/8"  |                                     | 533316       | QBT-1/4-3/8-U  |                     |
|                                                                                  |                              | For tubing outside diameter of 1/2"  |                                     | 567768       | QBT-1/4-1/2-U  |                     |
|                                                                                  | Male thread 3/8 NPT          | For tubing outside diameter of 3/16" | 0.118 in                            | 10           | 567769         | QBT-3/8-3/16-U      |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in                            | 5            | 533317         | QBT-3/8-1/4-U       |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in                            |              | 533318         | QBT-3/8-5/16-U      |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.315 in                            |              | 533319         | QBT-3/8-3/8-U       |
|                                                                                  |                              |                                      | For tubing outside diameter of 1/2" | 0.394 in     | 1              | 533320              |
|                                                                                  | Male thread 1/2 NPT          | For tubing outside diameter of 3/8"  | 0.315 in                            | 5            | 533321         | QBT-1/2-3/8-U       |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.394 in                            | 1            | 533322         | QBT-1/2-1/2-U       |



## Ordering data

## Ordering data – Push-in T-connector QBT

|                                                                                   | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no.   | Type            |
|-----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------|--------------|------------|-----------------|
|  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 564766     | QBT-5/32T-U     |
|                                                                                   | For tubing outside diameter of 3/16" | For tubing outside diameter of 3/16" | 0.138 in     |              | 564767     | QBT-3/16T-U     |
|                                                                                   | For tubing O.D. 1/4"                 | For tubing outside diameter of 5/32" | 0.126 in     |              | 564805     | QBT-1/4T-5/32-U |
|                                                                                   |                                      | For tubing outside diameter of 1/4"  | 0.189 in     |              | 564768     | QBT-1/4T-U      |
|                                                                                   | For tubing O.D. 5/16"                | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564806     | QBT-5/16T-1/4-U |
|                                                                                   |                                      | For tubing outside diameter of 5/16" | 0.256 in     |              | 564769     | QBT-5/16T-U     |
|                                                                                   | For tubing outer diameter of 3/8"    | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564807     | QBT-3/8T-1/4-U  |
|                                                                                   |                                      | For tubing outside diameter of 5/16" | 0.256 in     |              | 564808     | QBT-3/8T-5/16-U |
|                                                                                   | For tubing O.D. 1/2"                 | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 564770     | QBT-3/8T-U      |
|                                                                                   |                                      |                                      |              |              | 564809     | QBT-1/2T-3/8-U  |
|                                                                                   |                                      | For tubing outside diameter of 1/2"  | 0.354 in     | 564771       | QBT-1/2T-U |                 |

## Ordering data – Push-in T-fitting QBTL

|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                  |
|-------------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------------|
|  | Male thread 10-32 UNF-2A     | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 564706   | QBTL-10-32-UNF-5/32-U |
|                                                                                     |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 564707   | QBTL-10-32-UNF-3/16-U |
|                                                                                     |                              | For tubing outside diameter of 1/4"  | 0.098 in     |              | 564708   | QBTL-10-32-UNF-1/4-U  |
|                                                                                     | Male thread 1/8 NPT          | For tubing outside diameter of 5/32" | 0.118 in     |              | 564709   | QBTL-1/8-5/32-U       |
|                                                                                     |                              | For tubing outside diameter of 3/16" |              |              | 564710   | QBTL-1/8-3/16-U       |
|                                                                                     |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564711   | QBTL-1/8-1/4-U        |
|                                                                                     |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564712   | QBTL-1/8-5/16-U       |
|                                                                                     |                              | For tubing outside diameter of 3/8"  | 0.197 in     | 5            | 564713   | QBTL-1/8-3/8-U        |
|                                                                                     | Male thread 1/4 NPT          | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 564714   | QBTL-1/4-5/32-U       |

## Ordering data

| Ordering data – Push-in T-fitting QBTL                                           |                              |                                      |              |              |          |                 |
|----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|-----------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type            |
|  | Male thread 1/4 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 564715   | QBTL-1/4-3/16-U |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564716   | QBTL-1/4-1/4-U  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564717   | QBTL-1/4-5/16-U |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564718   | QBTL-1/4-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.315 in     |              | 564719   | QBTL-1/4-1/2-U  |
|                                                                                  | Male thread 3/8 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 564721   | QBTL-3/8-3/16-U |
|                                                                                  |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564720   | QBTL-3/8-1/4-U  |
|                                                                                  |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564722   | QBTL-3/8-5/16-U |
|                                                                                  |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564723   | QBTL-3/8-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.394 in     |              | 564724   | QBTL-3/8-1/2-U  |
|                                                                                  | Male thread 1/2 NPT          | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564725   | QBTL-1/2-3/8-U  |
|                                                                                  |                              | For tubing outside diameter of 1/2"  | 0.394 in     |              | 564726   | QBTL-1/2-1/2-U  |

| Ordering data – Push-in X connector QBX                                            |                                      |                                      |              |              |          |             |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------|--------------|----------|-------------|
|                                                                                    | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type        |
|  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.102 in     | 10           | 564778   | QBX-5/32T-U |
|                                                                                    | For tubing outside diameter of 3/16" | For tubing outside diameter of 3/16" | 0.138 in     |              | 564779   | QBX-3/16T-U |
|                                                                                    | For tubing O.D. 1/4"                 | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564780   | QBX-1/4T-U  |
|                                                                                    | For tubing O.D. 5/16"                | For tubing outside diameter of 5/16" | 0.236 in     | 5            | 564781   | QBX-5/16T-U |
|                                                                                    | For tubing outer diameter of 3/8"    | For tubing outside diameter of 3/8"  | 0.276 in     |              | 564782   | QBX-3/8T-U  |
|                                                                                    | For tubing O.D. 1/2"                 | For tubing outside diameter of 1/2"  | 0.354 in     |              | 564783   | QBX-1/2T-U  |

## Ordering data

| Ordering data – Push-in Y-fitting QBY                                             |                              |                                      |              |              |          |                      |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------|--------------|----------|----------------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no. | Type                 |
|  | Male thread 10-32 UNF-2A     | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 564684   | QBY-10-32-UNF-5/32-U |
|                                                                                   |                              | For tubing outside diameter of 3/16" | 0.118 in     |              | 564685   | QBY-10-32-UNF-3/16-U |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.098 in     |              | 564686   | QBY-10-32-UNF-1/4-U  |
|                                                                                   | Male thread 1/8 NPT          | For tubing outside diameter of 5/32" | 0.118 in     |              | 564687   | QBY-1/8-5/32-U       |
|                                                                                   |                              | For tubing outside diameter of 3/16" |              |              | 564688   | QBY-1/8-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564689   | QBY-1/8-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564690   | QBY-1/8-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.197 in     | 5            | 564691   | QBY-1/8-3/8-U        |
|                                                                                   | Male thread 1/4 NPT          | For tubing outside diameter of 5/32" | 0.118 in     | 10           | 564692   | QBY-1/4-5/32-U       |
|                                                                                   |                              | For tubing outside diameter of 3/16" |              |              | 564693   | QBY-1/4-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564694   | QBY-1/4-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564695   | QBY-1/4-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564696   | QBY-1/4-3/8-U        |
|                                                                                   |                              | For tubing outside diameter of 1/2"  |              |              | 564697   | QBY-1/4-1/2-U        |
|                                                                                   | Male thread 3/8 NPT          | For tubing outside diameter of 3/16" | 0.118 in     | 10           | 564699   | QBY-3/8-3/16-U       |
|                                                                                   |                              | For tubing outside diameter of 1/4"  | 0.177 in     |              | 564698   | QBY-3/8-1/4-U        |
|                                                                                   |                              | For tubing outside diameter of 5/16" | 0.236 in     |              | 564700   | QBY-3/8-5/16-U       |
|                                                                                   |                              | For tubing outside diameter of 3/8"  | 0.276 in     | 5            | 564701   | QBY-3/8-3/8-U        |
|                                                                                   |                              |                                      |              |              | 564702   | QBY-3/8-1/2-U        |
|                                                                                   | Male thread 1/2 NPT          | For tubing outside diameter of 5/16" | 0.236 in     |              | 564703   | QBY-1/2-5/16-U       |

## Ordering data

## Ordering data – Push-in Y-fitting QBY

|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Nominal size | Size of pack | Part no. | Type          |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|--------------|----------|---------------|
|  | Male thread 1/2 NPT          | For tubing outside diameter of 3/8" | 0.276 in     | 5            | 564704   | QBY-1/2-3/8-U |
|                                                                                  |                              | For tubing outside diameter of 1/2" |              |              | 564705   | QBY-1/2-1/2-U |

## Ordering data – Push-in Y-connector QBY

|                                                                                  | Pneumatic connection, port 1         | Pneumatic connection, port 2         | Nominal size | Size of pack | Part no.        | Type             |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------|--------------|-----------------|------------------|
|  | For tubing outside diameter of 5/32" | For tubing outside diameter of 5/32" | 0.098 in     | 10           | 564772          | QBY-5/32T-U      |
|                                                                                  | For tubing outside diameter of 3/16" |                                      | 0.13 in      |              | 564818          | QBY-3/16T-5/32-U |
|                                                                                  |                                      | For tubing outside diameter of 3/16" | 0.118 in     |              | 564773          | QBY-3/16T-U      |
|                                                                                  | For tubing O.D. 1/4"                 | For tubing outside diameter of 5/32" | 0.13 in      |              | 564819          | QBY-1/4T-5/32-U  |
|                                                                                  |                                      | For tubing outside diameter of 3/16" | 0.157 in     |              | 564820          | QBY-1/4T-3/16-U  |
|                                                                                  |                                      | For tubing outside diameter of 1/4"  |              |              | 564774          | QBY-1/4T-U       |
|                                                                                  | For tubing O.D. 5/16"                | For tubing outside diameter of 5/32" | 0.146 in     |              | 564821          | QBY-5/16T-5/32-U |
|                                                                                  |                                      | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564822          | QBY-5/16T-1/4-U  |
|                                                                                  |                                      | For tubing outside diameter of 5/16" | 0.268 in     |              | 564775          | QBY-5/16T-U      |
|                                                                                  | For tubing outer diameter of 3/8"    | For tubing outside diameter of 1/4"  | 0.197 in     |              | 564823          | QBY-3/8T-1/4-U   |
|                                                                                  |                                      | For tubing outside diameter of 5/16" | 0.276 in     |              | 564824          | QBY-3/8T-5/16-U  |
|                                                                                  |                                      | For tubing outside diameter of 3/8"  | 0.315 in     | 5            | 564776          | QBY-3/8T-U       |
|                                                                                  | For tubing O.D. 1/2"                 | For tubing outside diameter of 5/16" | 0.252 in     | 564826       | QBY-1/2T-5/16-U |                  |
|                                                                                  |                                      | For tubing outside diameter of 3/8"  | 0.276 in     | 564825       | QBY-1/2T-3/8-U  |                  |
|                                                                                  |                                      | For tubing outside diameter of 1/2"  | 0.406 in     | 564777       | QBY-1/2T-U      |                  |