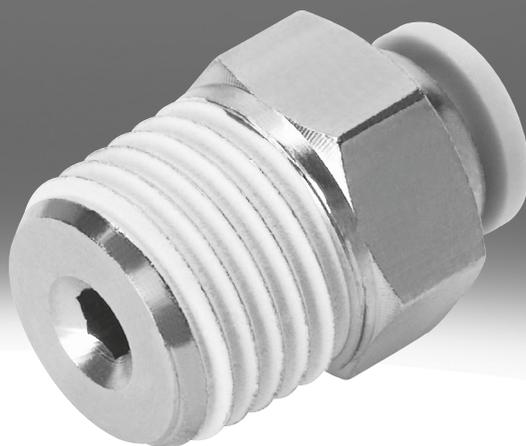


Push-in fitting, inches QB

**FESTO**



## Characteristics

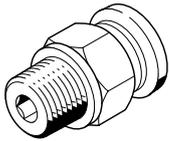
### At a glance

Standard series for pneumatic tubing with dimensions in inches.

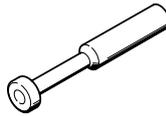
- Pneumatic connection via R, NPT, UNF, metric thread or push-in socket
- PBT and nickel-plated brass
- Operating medium: compressed air, vacuum

### Design

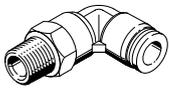
[ ] Straight shape



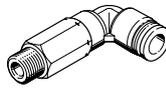
[C] Blanking plug



[L] L-shape



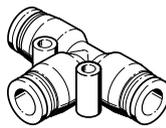
[LL] L-shape, long version



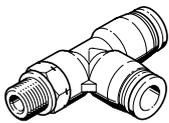
[S] Push-in bulkhead connector



[T] T-shape



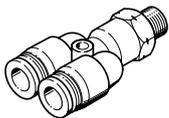
[TL] T-shape, additional push-in connector, lengthwise



[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
QBLL	Push-in fitting, inch
QB	Push-in fitting, inch
QBL	Push-in fitting, inch
QBH	Push-in fitting, inch
QBF	Push-in fitting, inch
QBTL	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											

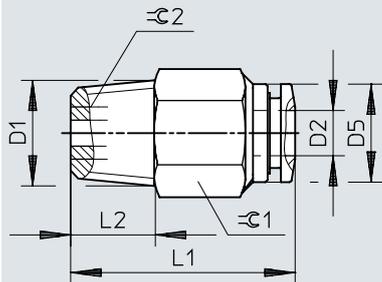
## Datasheet

Materials - Blanking plugs 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)

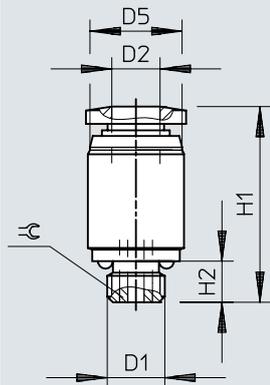


	D1	D2	D5 $\varnothing$	L1	L2	$\varnothing 1$	$\varnothing 2$
QB-10-32-UNF-5/32-U	UNF10-32	5/32	0,413	0,882	0,161	7/16	3/32
QB-10-32-UNF-3/16-U		3/16	0,433	0,890	0,161	7/16	3/32
QB-10-32-UNF-1/4-U		1/4	0,500	0,945	0,161	1/2	3/32
QB-1/8-5/32-U	NPT1/8-27	5/32	0,413	0,764	0,335	7/16	1/8
QB-1/8-3/16-U		3/16	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	11/16	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	11/16	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	11/16	3/16
QB-3/8-5/16-U		5/16	0,551	0,961	0,453	11/16	1/4
QB-3/8-3/8-U		3/8	0,657	1,087	0,453	11/16	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)

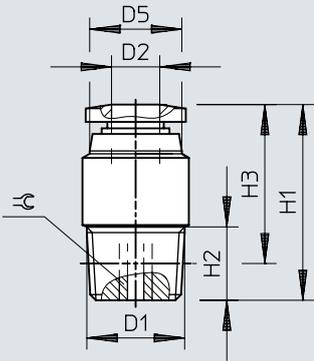


	D1	D2	D5 ∅	H1	H2	⌀
QB-10-32-UNF-3/16-I-U	UNF10-32	3/16	0,433	0,898	0,161	3/32
QB-10-32-UNF-1/4-I-U		1/4	0,512	0,953	0,161	3/32

## Dimensions

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

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

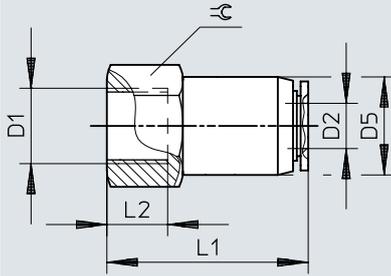


	D1	D2	D5 ∅	H1	H2	H3	⊖
QB-1/8-5/32-I-U	NPT1/8-27	5/32	0,433	0,827	0,335	0,665	1/8
QB-1/8-3/16-I-U		3/16	0,472	0,898	0,335	0,736	1/8
QB-1/8-1/4-I-U		1/4	0,512	0,933	0,335	0,772	3/16
QB-1/8-5/16-I-U		5/16	0,551	1,130	0,335	0,969	3/16
QB-1/4-1/4-I-U	NPT1/4-18	1/4	0,551	0,941	0,413	0,713	3/16
QB-1/4-5/16-I-U		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)

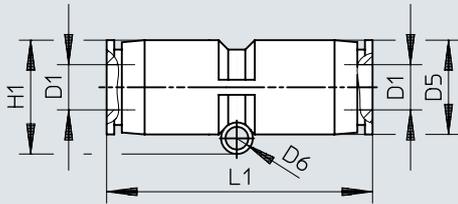


	D1	D2	D5 ∅	L1	L2	≡C
QBF-1/8-5/32-U	NPT1/8-27	5/32	0,394	1,063	0,374	9/16
QBF-1/8-3/16-U		3/16	0,437	1,106	0,374	9/16
QBF-1/8-1/4-U		1/4	0,512	1,134	0,374	9/16
QBF-1/8-5/16-U		5/16	0,551	1,157	0,374	9/16
QBF-1/8-3/8-U		3/8	0,657	1,299	0,374	1 1/16
QBF-1/4-5/32-U	NPT1/4-18	5/32	0,394	1,161	0,453	1 1/16
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

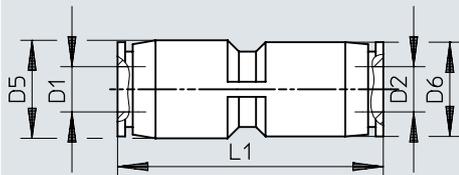
Download CAD data [www.festo.com](http://www.festo.com)



	D1	D5 ø	D6 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

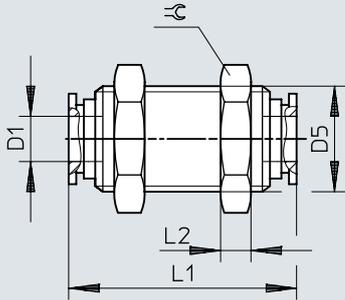
Download CAD data [www.festo.com](http://www.festo.com)

	D1	D2	D5 ∅	D6 ∅	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

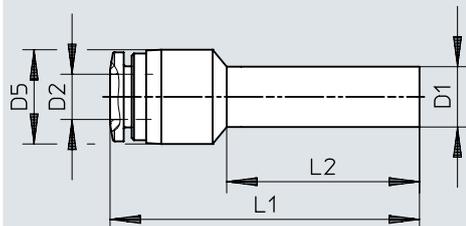
Download CAD data [www.festo.com](http://www.festo.com)



	D1	D5 ∅	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

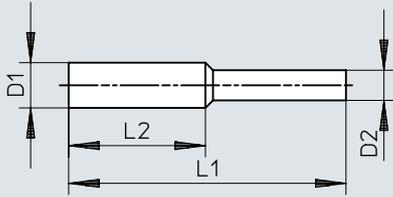
Download CAD data [www.festo.com](http://www.festo.com)

	D1	D2	D5 ∅	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

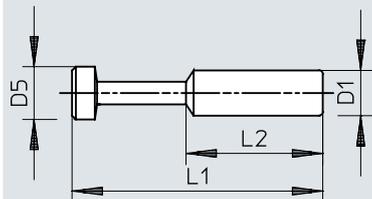
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	D1	D2	L1	L2
QBH-3/16-5/32-U	3/16	5/32	1,575	0,787
QBH-1/4-5/32-U	1/4	5/32	1,614	0,827
QBH-1/4-3/16-U		3/16	1,614	0,827
QBH-5/16-1/4-U	5/16	1/4	1,693	0,866
QBH-3/8-1/4-U	3/8	1/4	1,772	0,906
QBH-3/8-5/16-U		5/16	1,772	0,906
QBH-1/2-3/8-U	1/2	3/8	1,890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

## Dimensions

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

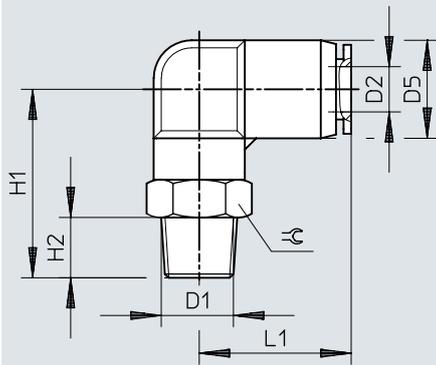
Download CAD data [www.festo.com](http://www.festo.com)

	D1	D5 ∅	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

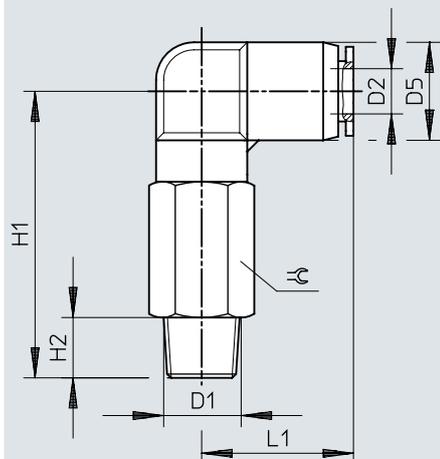
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	D1	D2	D5 ø	H1	H2	L1	⊕
QBL-10-32-UNF-5/32-U	UNF10-32	5/32	0,413	0,841	0,142	0,722	7/16
QBL-10-32-UNF-3/16-U		3/16	0,453	0,841	0,142	0,726	7/16
QBL-10-32-UNF-1/4-U		1/4	0,512	1,020	0,142	0,787	1/2
QBL-1/8-5/32-U	NPT1/8-27	5/32	0,413	0,982	0,335	0,722	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		1/2	0,827	1,398	0,413	1,075	3/4
QBL-3/8-3/16-U	NPT3/8-18	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		1/2	0,827	1,437	0,453	1,075	3/4
QBL-1/2-3/8-U	NPT1/2-14	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

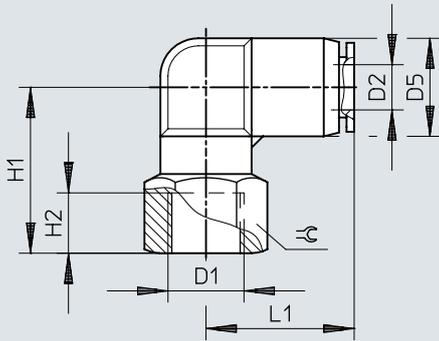
Download CAD data [www.festo.com](http://www.festo.com)

	D1	D2	D5 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

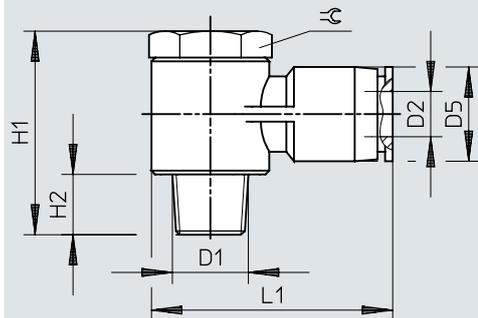
Download CAD data [www.festo.com](http://www.festo.com)



	D1	D2	D5 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		3/8	0,689	1,121	0,433	0,928	1 1/16
QBLF-3/8-1/4-U	NPT3/8-18	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		1/2	0,827	1,300	0,472	1,075	7/8
QBLF-1/2-3/8-U	NPT1/2-14	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

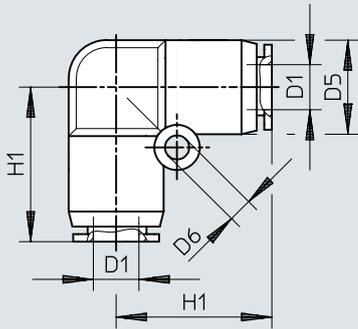
Download CAD data [www.festo.com](http://www.festo.com)

	D1	D2	D5 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		3/8	0,689	1,134	0,394	1,575	19/32
QBLV-3/8-3/16-U	NPT3/8-18	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		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	NPT1/2-14	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

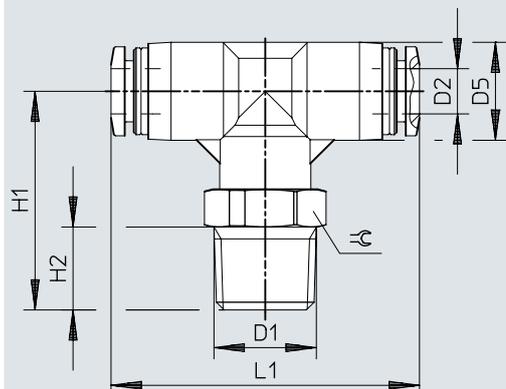
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	D1	D5 ø	D6 ø	H1
QBL-5/32T-U	5/32	0,413	0,130	0,742
QBL-3/16T-U	3/16	0,453	0,138	0,782
QBL-1/4T-U	1/4	0,512	0,138	0,838
QBL-5/16T-U	5/16	0,571	0,169	0,947
QBL-3/8T-U	3/8	0,689	0,177	1,010
QBL-1/2T-U	1/2	0,827	0,177	1,189

## Dimensions

## Dimensions – Push-in T-fitting QBT

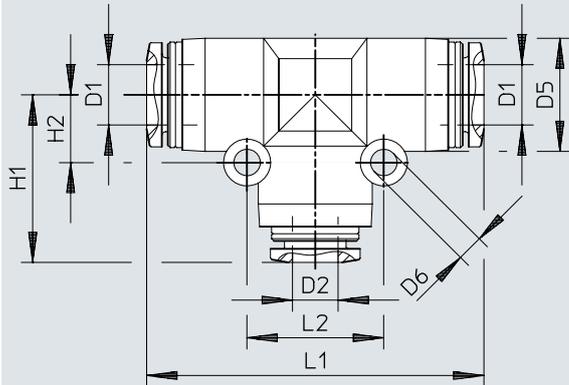
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	D1	D2	D5 ∅	H1	H2	L1	⊕
QBT-10-32-UNF-5/32-U	UNF10-32	5/32	0,413	0,841	0,142	1,469	7/16
QBT-10-32-UNF-3/16-U		3/16	0,453	0,841	0,142	1,512	7/16
QBT-10-32-UNF-1/4-U		1/4	0,512	1,020	0,142	1,614	1/2
QBT-1/8-5/32-U	NPT1/8-27	5/32	0,413	0,983	0,335	1,469	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		1/2	0,827	1,398	0,413	2,224	3/4
QBT-3/8-3/16-U	NPT3/8-18	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

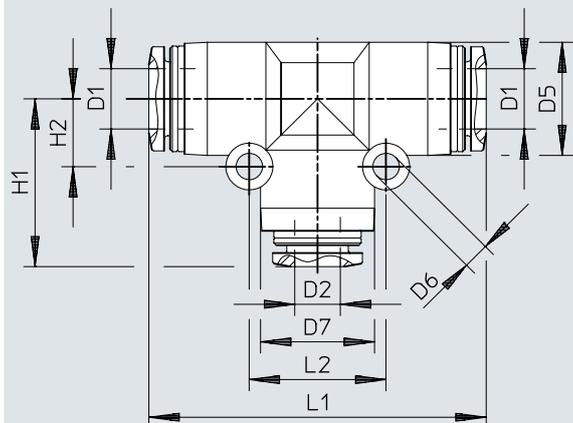
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	D1	D2	D5 ∅	D6 ∅	H1	H2	L1	L2
QBT-5/32T-U	5/32	5/32	0,413	0,130	0,739	0,248	1,429	0,496
QBT-3/16T-U	3/16	3/16	0,453	0,138	0,782	0,295	1,567	0,591
QBT-1/4T-U	1/4	1/4	0,512	0,138	0,838	0,323	1,677	0,650
QBT-5/16T-U	5/16	5/16	0,571	0,169	0,935	0,350	1,795	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

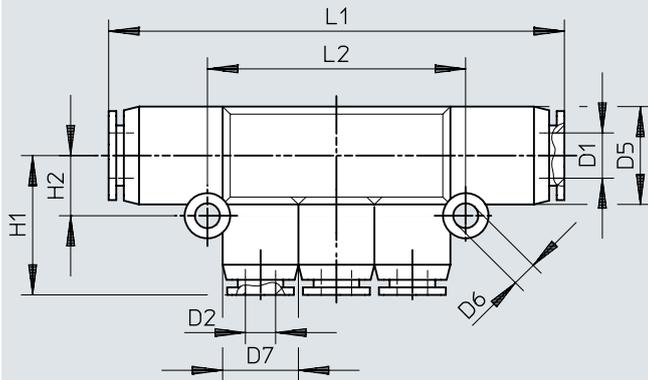
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	D1	D2	D5 ∅	D6 ∅	D7	H1	H2	L1	L2
QBT-1/4T-5/32-U	1/4	5/32	0,126	0,512	0,169	0,413	0,787	0,323	1,589
QBT-5/16T-1/4-U	5/16	1/4	0,197	0,583	0,177	0,512	0,890	0,382	1,815
QBT-3/8T-1/4-U	3/8	1/4	0,197	0,689	0,177	0,512	0,920	0,433	1,906
QBT-3/8T-5/16-U		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

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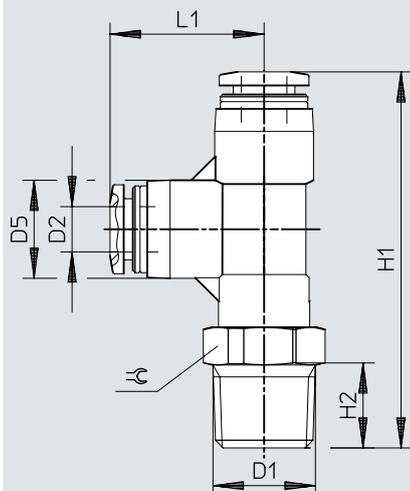


	D1	D2	D5 ø	D6 ø	D7 ø	H1	H2	L1	L2
QBT3-3/16T-5/32-U	3/16	5/32	0,453	0,177	0,413	0,809	0,315	2,386	1,417
QBT3-1/4T-5/32-U	1/4	5/32	0,512	0,177	0,413	0,807	0,343	2,425	1,417
QBT3-5/16T-5/32-U	5/16	5/32	0,571	0,169	0,413	0,821	0,358	2,614	1,370
QBT3-5/16T-3/16-U		3/16	0,571	0,177	0,453	0,853	0,382	2,705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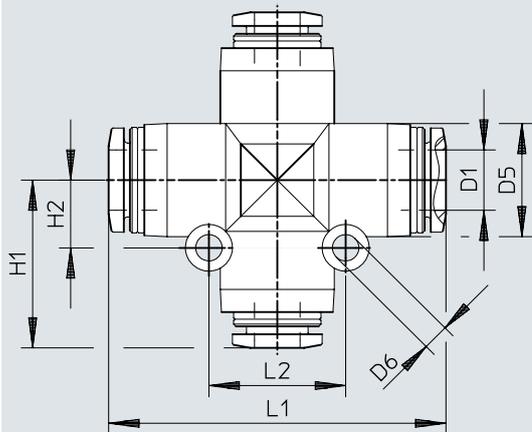


	D1	D2	D5 ø	H1	H2	L1	⌀
QBTL-10-32-UNF-5/32-U	UNF10-32	5/32	0,417	1,654	0,142	0,772	7/16
QBTL-10-32-UNF-3/16-U		3/16	0,453	1,638	0,142	0,794	7/16
QBTL-10-32-UNF-1/4-U		1/4	0,512	1,866	0,142	0,846	1/2
QBTL-1/8-5/32-U	NPT1/8-27	5/32	0,417	1,831	0,335	0,772	7/16
QBTL-1/8-3/16-U		3/16	0,453	1,780	0,335	0,794	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	NPT1/4-18	5/16	0,591	2,126	0,335	0,937	9/16
QBTL-1/8-3/8-U		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	NPT3/8-18	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	NPT1/2-14	3/8	0,689	2,331	0,413	1,010	1 1/16
QBTL-1/4-1/2-U		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	NPT1/2-14	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	NPT1/2-14	1/2	0,827	2,626	0,453	1,189	3/4
QBTL-1/2-3/8-U		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

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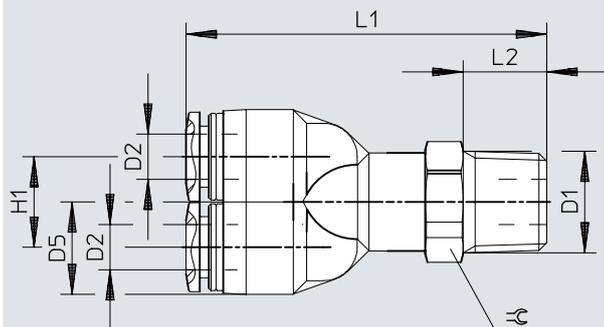


	D1	D5 ∅	D6 ∅	H1	L1	L2
QBX-5/32T-U	5/32	0,413	0,130	0,707	1,413	0,500
QBX-3/16T-U	3/16	0,453	0,138	0,782	1,567	0,591
QBX-1/4T-U	1/4	0,512	0,130	0,838	1,677	0,642
QBX-5/16T-U	5/16	0,571	0,165	0,896	1,795	0,717
QBX-3/8T-U	3/8	0,689	0,169	0,951	1,906	0,799
QBX-1/2T-U	1/2	0,827	0,169	1,189	2,382	0,996

## Dimensions

Dimensions – Push-in Y-fitting, QBY

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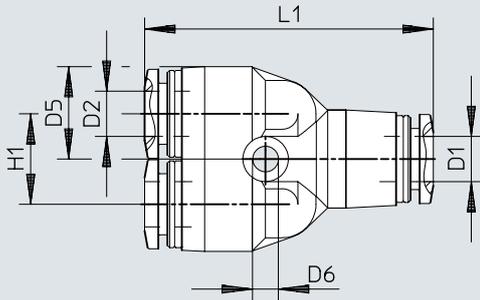


	D1	D2	D5 ø	H1	L1	L2	⊘
QBY-10-32-UNF-5/32-U	UNF10-32	5/32	0,413	0,413	1,591	0,142	7/16
QBY-10-32-UNF-3/16-U		3/16	0,453	0,453	1,650	0,142	7/16
QBY-10-32-UNF-1/4-U		1/4	0,512	0,512	1,803	0,142	1/2
QBY-1/8-5/32-U	NPT1/8-27	5/32	0,413	0,413	1,732	0,335	7/16
QBY-1/8-3/16-U		3/16	0,453	0,453	1,791	0,335	7/16
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	NPT1/4-18	3/8	0,693	0,693	2,071	0,335	1 1/16
QBY-1/4-5/32-U		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

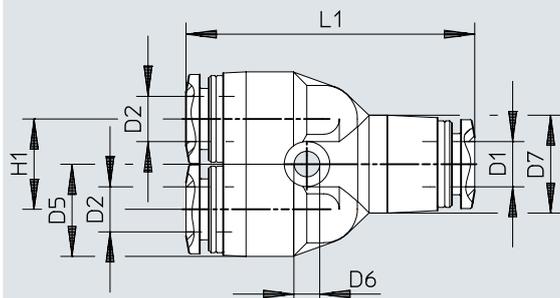
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	D1	D2	D5 ø	D6 ø	H1	L1
QBY-5/32T-U	5/32	5/32	0,413	0,130	0,413	1,429
QBY-3/16T-U	3/16	3/16	0,453	0,130	0,453	1,472
QBY-1/4T-U	1/4	1/4	0,512	0,130	0,512	1,567
QBY-5/16T-U	5/16	5/16	0,575	0,169	0,575	1,736
QBY-3/8T-U	3/8	3/8	0,689	0,177	0,689	1,846
QBY-1/2T-U	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 ∅	D6 ∅	D7 ∅	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	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		
					572317	QB-1/8-5/32-I-U		
		For tubing outside diameter of 3/16"	0.189 in		533272	QB-1/8-3/16-U		
					572315	QB-1/8-3/16-I-U		
		For tubing outside diameter of 1/4"	0.189 in		572318	QB-1/8-1/4-I-U		
					533273	QB-1/8-1/4-U		
		For tubing outside diameter of 5/16"	0.189 in		533274	QB-1/8-5/16-U		
	572319				QB-1/8-5/16-I-U			
	For tubing outside diameter of 3/8"	0.189 in	567773		QB-1/8-3/8-U			
	Male thread 1/4 NPT	For tubing outside diameter of 5/32"	0.126 in		567772	QB-1/4-5/32-U		
		For tubing outside diameter of 3/16"	0.189 in		533275	QB-1/4-3/16-U		
		For tubing outside diameter of 1/4"			572320	QB-1/4-1/4-I-U		
		For tubing outside diameter of 1/4"	0.189 in		533276	QB-1/4-1/4-U		
					533277	QB-1/4-5/16-U		
		For tubing outside diameter of 5/16"	0.252 in		572321	QB-1/4-5/16-I-U		
		For tubing outside diameter of 3/8"			533278	QB-1/4-3/8-U		
	For tubing outside diameter of 1/2"	0.252 in	572322		QB-1/4-3/8-I-U			
	Male thread 3/8 NPT	For tubing outside diameter of 1/4"	0.189 in		5	533279	QB-3/8-1/4-U	
		For tubing outside diameter of 3/8"	0.252 in			533280	QB-3/8-5/16-U	
						572323	QB-3/8-5/16-I-U	
		For tubing outside diameter of 3/8"	0.315 in			5	533281	QB-3/8-3/8-U
		For tubing outside diameter of 1/2"	0.374 in			10	572324	QB-3/8-3/8-I-U
							533282	QB-3/8-1/2-U
	For tubing outside diameter of 1/2"	0.378 in	10		572325	QB-3/8-1/2-I-U		
	Male thread 1/2 NPT	For tubing outside diameter of 5/16"	0.252 in		5	567770	QB-1/2-5/16-U	
		For tubing outside diameter of 3/8"	0.315 in			533283	QB-1/2-3/8-U	
		For tubing outside diameter of 3/8"	0.374 in			10	533284	QB-1/2-1/2-U
							572326	QB-1/2-1/2-I-U
	For tubing outside diameter of 3/8"	0.378 in	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
	For tubing outside diameter of 3/16"		0.126 in		564797	QB-3/16T-5/32-U
	For tubing O.D. 1/4"	For tubing outside diameter of 5/32"	0.138 in		564755	QB-3/16T-U
			0.126 in		564798	QB-1/4T-5/32-U
			0.15 in		564799	QB-1/4T-3/16-U
			0.189 in		564756	QB-1/4T-U
			0.197 in		564801	QB-5/16T-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
			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	QB-3/8T-5/16-U	
0.315 in			564758	QB-3/8T-U		
For tubing O.D. 1/2"	For tubing outside diameter of 3/8"	0.354 in	5	564804	QB-1/2T-3/8-U	
			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	
	Female thread 1/8 NPT	For tubing outside diameter of 5/32"	0.138 in		564636	QBF-1/8-5/32-U	
			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	564642
	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
	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
			For tubing outside diameter of 1/2"		0.394 in	5	564650
	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

## 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"	Push-in sleeve Ø 3/16"	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		10	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	
	Male thread R1/4	For tubing outside diameter of 3/8"	0.315 in	5	562578	QBL-1/8-3/8-U-M	
		For tubing outside diameter of 3/16"		10	533237	QBL-1/4-3/16-U-M	
		For tubing outside diameter of 1/4"			533238	QBL-1/4-1/4-U-M	
		For tubing outside diameter of 5/16"			533239	QBL-1/4-5/16-U-M	
	Male thread R3/8	For tubing outside diameter of 3/8"	0.315 in	5	533240	QBL-1/4-3/8-U-M	
		For tubing outside diameter of 1/4"			533241	QBL-3/8-1/4-U-M	
		For tubing outside diameter of 5/16"			533242	QBL-3/8-5/16-U-M	
		For tubing outside diameter of 3/8"			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	10	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	10	567776
	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
				5	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	5	533299	QBL-3/8-5/16-U	
		For tubing outside diameter of 3/8"	0.315 in	5	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"	0.157 in		564658	QBLF-1/4-3/16-U
		For tubing outside diameter of 1/4"			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	
	Female thread 1/2 NPT	For tubing outside diameter of 1/2"	0.354 in	5	564665	QBLF-3/8-1/2-U
		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	10	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	10	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	10	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	5	564679	QBLL-3/8-5/16-U
		For tubing outside diameter of 3/8"	0.276 in		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		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	5	564751	QBS-5/16T-U
	For tubing outer diameter of 3/8"	For tubing outside diameter of 3/8"	0.315 in		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	5	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
	Male thread R3/8	For tubing outside diameter of 1/4"	0.177 in	5	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	10	533309	QBT-1/8-5/32-U
		For tubing outside diameter of 3/16"	0.177 in		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	5	533312	QBT-1/8-5/16-U
		For tubing outside diameter of 3/8"	0.197 in	5	567767	QBT-1/8-3/8-U
		Male thread 1/4 NPT	For tubing outside diameter of 5/32"	0.118 in	10	567778
	For tubing outside diameter of 3/16"		0.177 in	5	533313	QBT-1/4-3/16-U
	For tubing outside diameter of 1/4"				533314	QBT-1/4-1/4-U
	For tubing outside diameter of 5/16"		0.236 in	5	533315	QBT-1/4-5/16-U
	For tubing outside diameter of 3/8"		0.315 in		533316	QBT-1/4-3/8-U
	For tubing outside diameter of 1/2"		0.394 in	1	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	5	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	QBT-3/8-1/2-U
	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
			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
			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
			0.256 in		564808	QBT-3/8T-5/16-U
			0.315 in		564770	QBT-3/8T-U
	For tubing O.D. 1/2"	For tubing outside diameter of 3/8"	0.354 in		5	564809
				5	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"		0.118 in	564710
		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
			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		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	5	564687	QBY-1/8-5/32-U
					564688	QBY-1/8-3/16-U
		For tubing outside diameter of 3/16"	0.177 in	5	564689	QBY-1/8-1/4-U
		For tubing outside diameter of 1/4"			564690	QBY-1/8-5/16-U
		For tubing outside diameter of 5/16"	0.236 in	5	564691	QBY-1/8-3/8-U
		For tubing outside diameter of 3/8"	0.197 in		564692	QBY-1/4-5/32-U
	Male thread 1/4 NPT	For tubing outside diameter of 5/32"	0.118 in	10	564693	QBY-1/4-3/16-U
					564694	QBY-1/4-1/4-U
		For tubing outside diameter of 3/16"	0.177 in	10	564695	QBY-1/4-5/16-U
		For tubing outside diameter of 1/4"			564696	QBY-1/4-3/8-U
		For tubing outside diameter of 5/16"	0.236 in	5	564697	QBY-1/4-1/2-U
		For tubing outside diameter of 3/8"	0.276 in		564699	QBY-3/8-3/16-U
	Male thread 3/8 NPT	For tubing outside diameter of 3/16"	0.118 in	10	564698	QBY-3/8-1/4-U
			0.177 in		564700	QBY-3/8-5/16-U
		For tubing outside diameter of 1/4"	0.236 in	5	564701	QBY-3/8-3/8-U
		For tubing outside diameter of 5/16"	0.276 in		564702	QBY-3/8-1/2-U
		For tubing outside diameter of 3/8"	0.276 in		564703	QBY-1/2-5/16-U
	Male thread 1/2 NPT	For tubing outside diameter of 5/16"	0.236 in			

## 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"	For tubing outside diameter of 3/16"	0.13 in		564818	QBY-3/16T-5/32-U
			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"	0.157 in		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
	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	