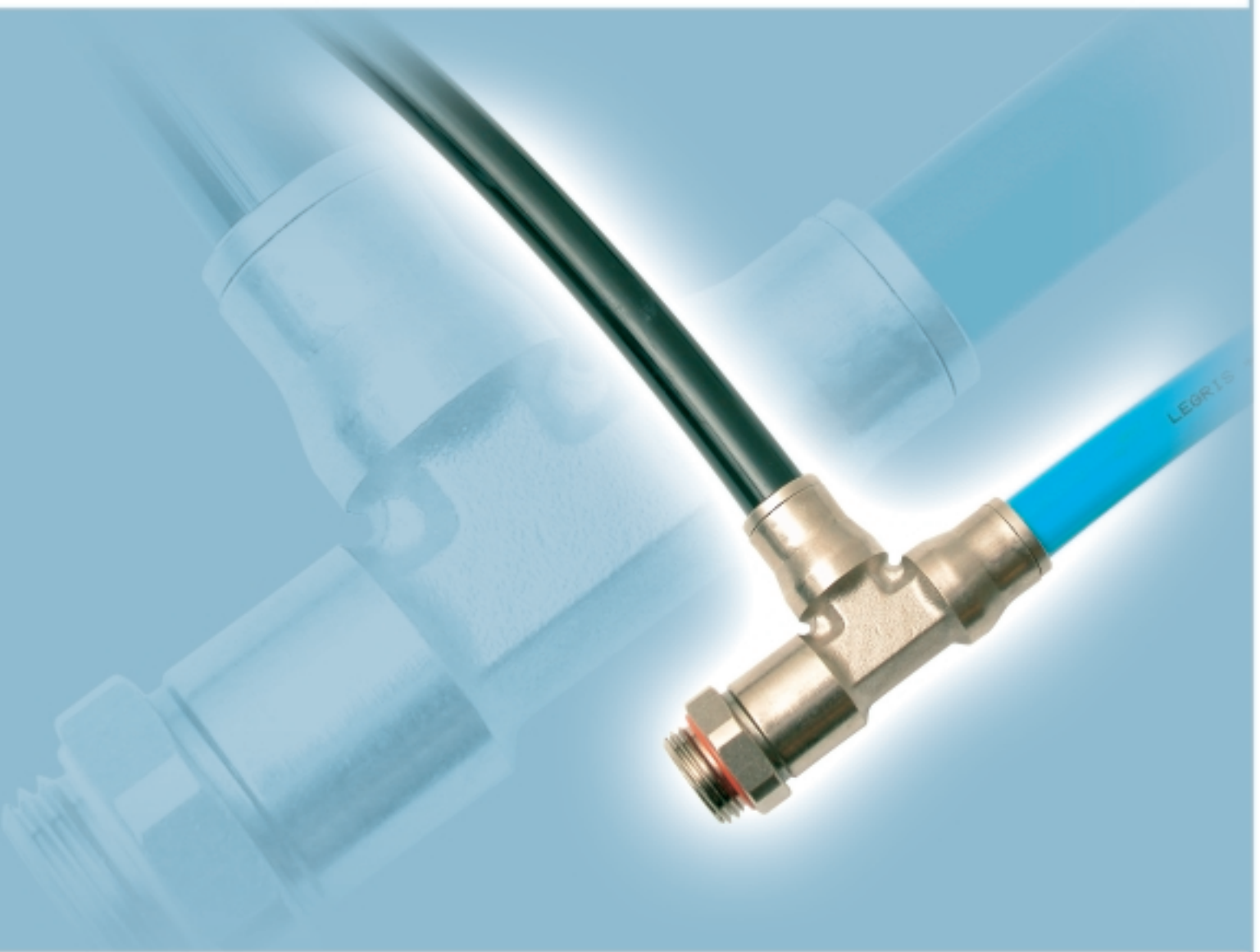


nickel-plated brass  
push-to-connect fittings  
for liquid, gas and food processing  
industry system LF3600



# principle of system LF3600

## for liquids and gases



Legris, inventors of the push-to-connect fitting, have earned a reputation as the leading specialist in push-to-connect fitting technology. Legris has employed over 30 years of experience in the research and development of the LF3600 range. LF3600 extends Legris 'know-how' from pneumatics to other industrial applications.

The principle of the connection is the same. Instant manual connection and disconnection. No need for special tools.

Made of nickel-plated brass and fitted with a FKM "O" ring protected by a washer, LF3600 forged fittings may be used with all liquid and gaseous fluids compatible with these components, materials and temperatures up to 250°F (depending on the tube material).

**Chemical Nickel-Plating:** For applications where the fitting is exposed to aggressive environments, better plating is required. Legris uses high phosphorous electroless nickel-plating for the LF3600 fitting range.

The electroless nickel-plating has a dull, flat finish. It adheres to more of the surface, such as in the root of the threads and grooves of the collet. It has better resistance to water, harsh detergents and other aggressive fluids and environments. As a result, the LF3600 series offers superior chemical, corrosion and abrasive resistance.

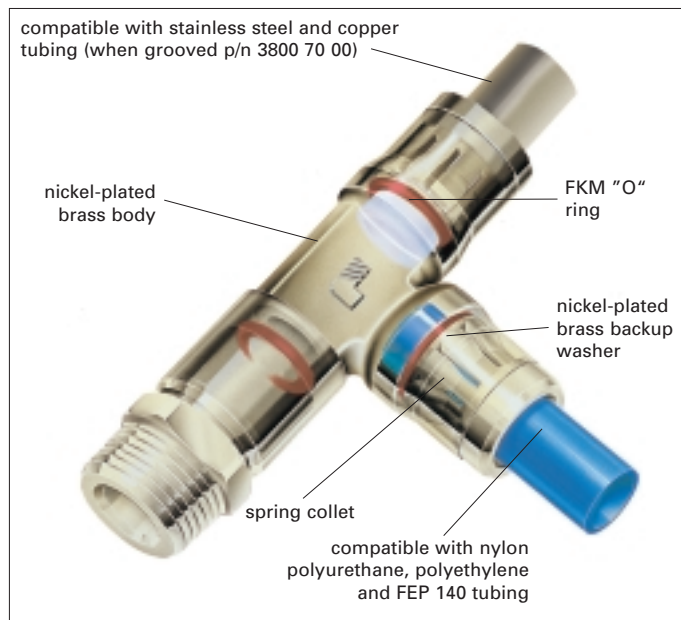


All materials, seals, and plating can come in contact with food.

For the quality and cleanliness of the LF3600 products, they are placed in sealed bags inside a Legris box.

## technical specification

This depends on the nature and thickness of the tube, on surrounding temperature and that of the fluid used.



**All items in the LF3600 range are SILICONE FREE**

|                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |       |       |       |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------|-------|-------|
| <b>working temperature</b>                                                                            | from -4° to 250° F. The allowable working temperature depends on the type of tube used.                                                                                                                                                                                                                                                                                                                                                                                                        |          |       |       |       |       |
| <b>working pressure</b>                                                                               | 7 to 290 psi. The maximum pressure of the circuit depends on the type of tube used.                                                                                                                                                                                                                                                                                                                                                                                                            |          |       |       |       |       |
| <b>suitable fluids</b>                                                                                | all liquids and gases compatible with the materials of the fitting.<br>Examples: food fluids, cleaning/cold & hot water, steam, oils...                                                                                                                                                                                                                                                                                                                                                        |          |       |       |       |       |
| <b>materials of construction</b>                                                                      | <b>body:</b> high phosphorus FDA chemical nickel-plated brass<br><b>backup washer:</b> high phosphorus FDA chemical nickel-plated brass<br><b>spring collet:</b> high phosphorus FDA chemical nickel-plated brass<br><b>“O” ring:</b> FKM (FPM) fluoroelastomer conforming to FDA standard<br><b>base:</b> high phosphorus FDA chemical nickel-plated brass<br><br>Thread sealant does not come on these products. This is so that the appropriate sealant for the application can be applied. |          |       |       |       |       |
| <b>maximum tightening torque for LF3600 fittings, BSPP threads and M5: (with 0602 sealing washer)</b> | parallel thread                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M5 x 0.8 | G1/8" | G1/4" | G3/8" | G1/2" |
|                                                                                                       | in. lb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14       | 70    | 100   | 266   | 300   |

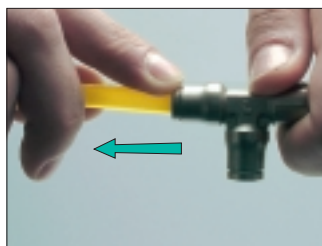
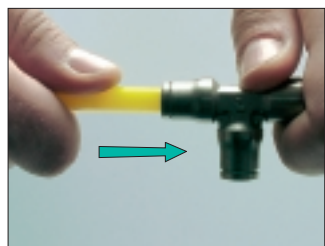
# advantages of system LF3600

## for liquids and gases



### wide range

- multiple configurations and accessories
- from 5/32" to 1/2" O.D. and 4mm to 14 mm O.D.
- NPT, BSP taper, BSP parallel and metric threads
- ideal for many types of tubing
- inch to metric tube adapters

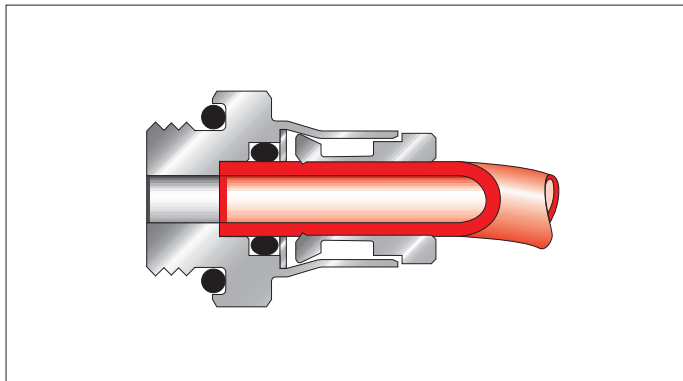


### time saving connection and disconnection

- **instant manual connection and disconnection**
- **easy** installation

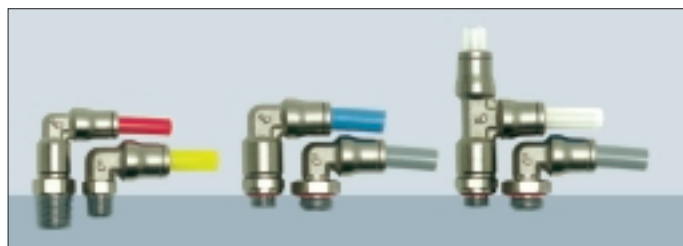
### numerous applications

- suited to many **industries** including the **food industry** :
  - numerous suitable fluids (food fluids, cleaning / hot and cold water, steam, oil...)
- components and chemical nickel coating conforming to FDA standard



### increased performance

- **excellent resistance to abrasion and corrosion** due to high phosphorus chemical nickel-plating individually deposited on brass components.
- working temperature from -4° to + 25°F due to "**all metal**" components (except o-ring)
- **full flow fluid passage**, minimal pressure drop
- **automatic sealing** of BSPP and metric versions via a captive seal at base
- backup washer protects the o-ring

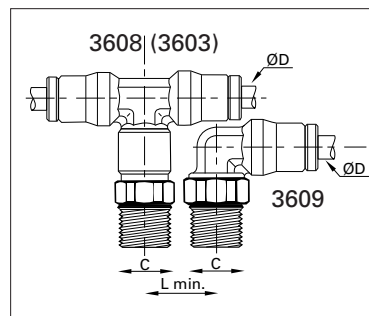


### compactness and aesthetics

Each model has been redesigned to meet all requirements :

- compactness due to **small overall dimensions** with inter-connectability for configurations pictured above
- aesthetic with modernized external shapes

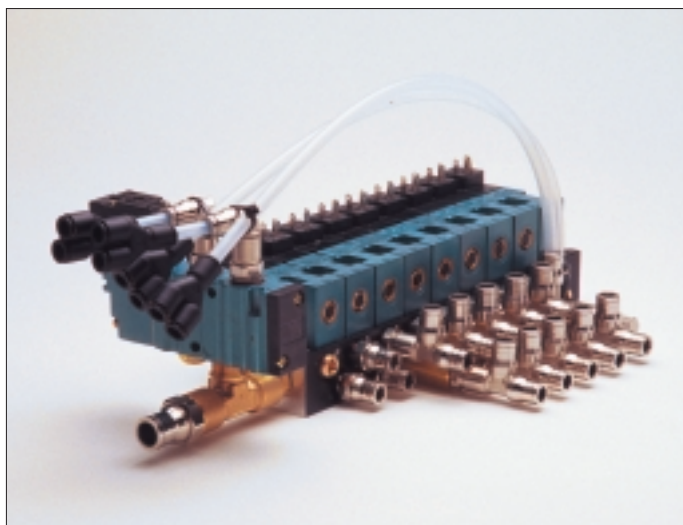
### close spacing of LF3600 products



| ØD<br>in | C<br>NPT | L min<br>in |
|----------|----------|-------------|
| 5/32     | 1/8      | .57         |
| 5/32     | 1/4      | .69         |
| 1/4      | 1/8      | .63         |
| 1/4      | 1/4      | .69         |
| 1/4      | 3/8      | .79         |
| 3/8      | 1/4      | .83         |
| 3/8      | 3/8      | .89         |
| 3/8      | 1/2      | 1.00        |
| 1/2      | 3/8      | .93         |
| 1/2      | 1/2      | 1.00        |

*Our production process includes individual unit quality control and dating, for all LF 3600 push-to-connect fittings, in order to guarantee their quality and traceability.*

# system LF3600 for liquids and gases



# the complete range of LF3600 push-to-connect fittings

## threaded fittings

**3675**  
taper  
Page D6



**3621**  
taper  
Page D6



**3601**  
UNF, parallel and metric  
Page D7



**3681**  
metric  
Page D7



**3614**  
parallel and metric  
Page D7



**3631**  
parallel and metric  
Page D7



**3609**  
taper  
Page D8



**3669**  
parallel  
Page D8



**3629**  
taper  
Page D8



**3699**  
UNF, parallel and M5  
Page D9



**3600**  
Page D9



**3608**  
taper  
Page D10



**3603**  
taper  
Page D10



**3698**  
UNF, parallel and metric  
Page D11



**3693**  
UNF, parallel and metric  
Page D11



## tube to tube fittings

**3606**  
Page D12



**3602**  
Page D12



**3604**  
Page D12



## banjo body

**3618**  
parallel and metric  
Page D11



## bulkhead connectors

**3616**  
Page D13



**3636**  
parallel  
Page D13



**3639**  
Page D13



## accessories

**3666**  
Page D14



**3668**  
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**3667**  
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**3122**  
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**3622**  
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**3120**  
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**3620**  
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**3126**  
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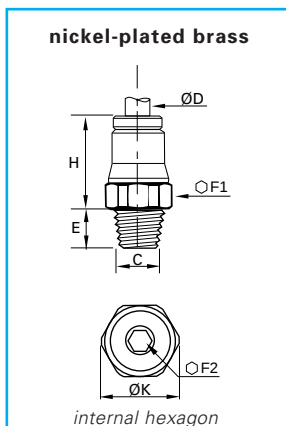


**3626**  
Page D15



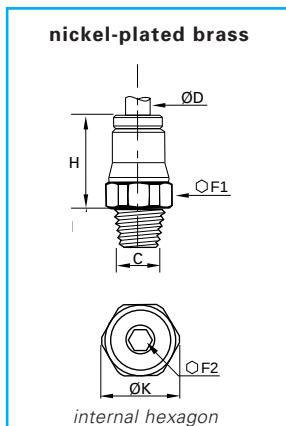
# threaded fittings

## 3675 male connector — fractional inch tube to NPT



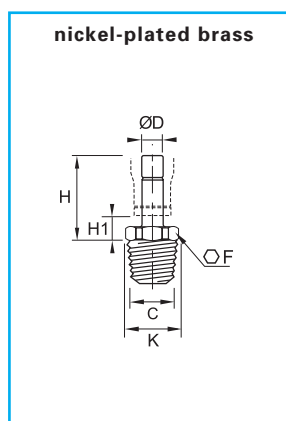
| ØD<br>in | C<br>NPT |            | E<br>in | F1<br>mm | F2<br>mm | H<br>in | K<br>in | kg   |
|----------|----------|------------|---------|----------|----------|---------|---------|------|
| 5/32     | 1/8      | 3675 04 11 | .30     | 11       | 3        | .59     | .47     | .28  |
| 5/32     | 1/4      | 3675 04 14 | .43     | 14       | 3        | .59     | .59     | .56  |
| 1/4      | 1/8      | 3675 56 11 | .30     | 13       | 4        | .67     | .55     | .42  |
| 1/4      | 1/4      | 3675 56 14 | .43     | 14       | 4        | .67     | .59     | .60  |
| 1/4      | 3/8      | 3675 56 18 | .45     | 18       | 5        | .67     | .77     | .72  |
| 3/8      | 1/8      | 3675 60 11 | .30     | 18       | 4        | .97     | .77     | .99  |
| 3/8      | 1/4      | 3675 60 14 | .43     | 18       | 7        | .95     | .77     | 1.13 |
| 3/8      | 3/8      | 3675 60 18 | .45     | 18       | 8        | .91     | .77     | 1.16 |
| 3/8      | 1/2      | 3675 60 22 | .59     | 22       | 8        | .95     | .94     | 1.90 |
| 1/2      | 3/8      | 3675 62 18 | .45     | 22       | 9        | .95     | .94     | 1.52 |
| 1/2      | 1/2      | 3675 62 22 | .59     | 22       | 10       | .95     | .94     | 1.87 |

## 3675 male connector — metric tube to BSPT



| ØD<br>mm | C<br>BSPT |            | F1<br>mm | F2<br>mm | H<br>mm | K<br>mm | kg   |
|----------|-----------|------------|----------|----------|---------|---------|------|
| 4        | R1/8      | 3675 04 10 | 10       | 3        | 15      | 11      | .008 |
| 4        | R1/4      | 3675 04 13 | 14       | 3        | 15      | 15      | .016 |
| 6        | R1/8      | 3675 06 10 | 13       | 4        | 17      | 14      | .012 |
| 6        | R1/4      | 3675 06 13 | 14       | 4        | 17      | 15      | .017 |
| 8        | R1/8      | 3675 08 10 | 15       | 5        | 19      | 16      | .016 |
| 8        | R1/4      | 3675 08 13 | 15       | 6        | 18      | 16      | .019 |
| 8        | R3/8      | 3675 08 17 | 17       | 6        | 18.5    | 18.5    | .028 |
| 10       | R1/4      | 3675 10 13 | 18       | 7        | 23      | 19.5    | .032 |
| 10       | R3/8      | 3675 10 17 | 18       | 8        | 22.5    | 19.5    | .033 |
| 10       | R1/2      | 3675 10 21 | 22       | 8        | 22.5    | 24      | .057 |
| 12       | R1/4      | 3675 12 13 | 20       | 7        | 25.5    | 22      | .040 |
| 12       | R3/8      | 3675 12 17 | 20       | 9        | 24      | 22      | .043 |
| 12       | R1/2      | 3675 12 21 | 22       | 10       | 23      | 24      | .053 |
| 14       | R3/8      | 3675 14 17 | 22       | 9        | 27      | 24      | .049 |
| 14       | R1/2      | 3675 14 21 | 24       | 11       | 26      | 26      | .061 |

## 3621 male stud standpipe — metric tube to BSPT



| ØD<br>mm | C<br>BSPT |            | F1<br>mm | H<br>mm | H1<br>mm | K<br>mm | kg    |
|----------|-----------|------------|----------|---------|----------|---------|-------|
| 4        | R1/8      | 3621 04 10 | 10       | 21      | 7        | 11      | 0.007 |
| 4        | R1/4      | 3621 04 13 | 14       | 21      | 7        | 15      | 0.014 |
| 6        | R1/8      | 3621 06 10 | 10       | 23.5    | 6.5      | 11      | 0.008 |
| 6        | R1/4      | 3621 06 13 | 10       | 23.5    | 6.5      | 15      | 0.015 |
| 8        | R1/8      | 3621 08 10 | 10       | 24      | 6.5      | 11      | 0.008 |
| 8        | R1/4      | 3621 08 13 | 14       | 24      | 6.5      | 15      | 0.016 |
| 10       | R1/4      | 3621 10 13 | 14       | 22      | 6.5      | 15      | 0.018 |
| 10       | R3/8      | 3621 10 17 | 17       | 30      | 7.5      | 18.5    | 0.029 |
| 12       | R3/8      | 3621 12 17 | 17       | 31      | 7.5      | 18.5    | 0.024 |
| 12       | R1/2      | 3621 12 21 | 22       | 38      | 7.5      | 24      | 0.041 |
| 14       | R1/2      | 3621 14 21 | 22       | 33      | 8        | 24      | 0.042 |

= suitable for food applications

## legris.com's advantage points



You will also find the **LF 3600 push-to-connect fittings** on the on-line catalog of our web site for both **inch** and **metric** tubes.

[www.legris.com](http://www.legris.com)

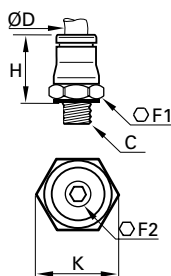


# threaded fittings

## 3601 male connector — tube to UNF, BSPP or metric



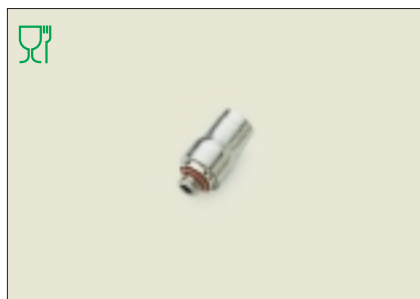
nickel-plated brass  
with "O" ring seal



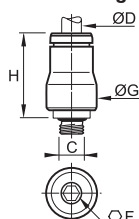
internal hexagon

| ØD<br>in       | C<br>UNF |  | F1<br>mm | F2<br>mm | H<br>in | K<br>in |  |
|----------------|----------|-------------------------------------------------------------------------------------|----------|----------|---------|---------|-------------------------------------------------------------------------------------|
| 5/32           | 10-32    | <a href="#">3601 04 20</a>                                                          | 10       | 2.5      | .61     | .43     | .21                                                                                 |
| 1/4            | 10-32    | <a href="#">3601 56 20</a>                                                          | 13       | 2.5      | .75     | .55     | .35                                                                                 |
| mm BSPP/metric | metric   |                                                                                     | mm       | mm       | mm      | mm      | ΔkgΔ                                                                                |
| 4              | M5x0.8   | <a href="#">3601 04 19</a>                                                          | 10       | 2.5      | 15.5    | 11      | .006                                                                                |
| 4              | G1/8     | <a href="#">3601 04 10</a>                                                          | 13       | 3        | 14.5    | 14      | .010                                                                                |
| 4              | M6x1     | <a href="#">3601 04 52</a>                                                          | 10       | 3        | 16      | 11      | .010                                                                                |
| 4              | G1/4     | <a href="#">3601 04 13</a>                                                          | 16       | 3        | 14.5    | 17.5    | .018                                                                                |
| 4              | M8x1     | <a href="#">3601 04 56</a>                                                          | 11       | 3        | 14.5    | 12      | .010                                                                                |
| 6              | M5x0.8   | <a href="#">3601 06 19</a>                                                          | 13       | 2.5      | 19      | 14      | .010                                                                                |
| 6              | G1/8     | <a href="#">3601 06 10</a>                                                          | 13       | 4        | 17.5    | 14      | .013                                                                                |
| 6              | M10x1    | <a href="#">3601 06 60</a>                                                          | 13       | 4        | 17.5    | 14      | .013                                                                                |
| 6              | G1/4     | <a href="#">3601 06 13</a>                                                          | 16       | 4        | 17      | 17.5    | .019                                                                                |
| 8              | G1/8     | <a href="#">3601 08 10</a>                                                          | 15       | 5        | 20      | 16      | .016                                                                                |
| 8              | G1/4     | <a href="#">3601 08 13</a>                                                          | 16       | 6        | 18      | 17.5    | .020                                                                                |
| 8              | G3/8     | <a href="#">3601 08 17</a>                                                          | 20       | 6        | 19      | 22      | .029                                                                                |
| 10             | G1/4     | <a href="#">3601 10 13</a>                                                          | 18       | 7        | 25      | 19.5    | .030                                                                                |
| 10             | G3/8     | <a href="#">3601 10 17</a>                                                          | 20       | 8        | 22.5    | 22      | .033                                                                                |
| 10             | G1/2     | <a href="#">3601 10 21</a>                                                          | 24       | 8        | 22.5    | 26      | .045                                                                                |
| 12             | G1/4     | <a href="#">3601 12 13</a>                                                          | 20       | 7        | 27      | 22      | .040                                                                                |
| 12             | G3/8     | <a href="#">3601 12 17</a>                                                          | 20       | 9        | 26      | 22      | .041                                                                                |
| 12             | G1/2     | <a href="#">3601 12 21</a>                                                          | 24       | 10       | 23.5    | 26      | .052                                                                                |
| 14             | G3/8     | <a href="#">3601 14 17</a>                                                          | 22       | 9        | 28      | 24      | .047                                                                                |
| 14             | G1/2     | <a href="#">3601 14 21</a>                                                          | 24       | 11       | 26.5    | 26      | .052                                                                                |

## 3681 male connector — metric tube to M5



nickel-plated brass  
with "O" ring seal



internal hexagon

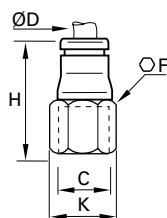
| ØD<br>mm | C<br>M5 |  | F<br>mm | G<br>mm | H<br>mm |  |
|----------|---------|-------------------------------------------------------------------------------------|---------|---------|---------|-------------------------------------------------------------------------------------|
| 4        | M5x0.8  | <a href="#">3681 04 19</a>                                                          | 2.5     | 10      | 16      | .005                                                                                |

 = suitable for food applications

## 3614 female connector — metric tube to BSPP or M5



nickel-plated brass

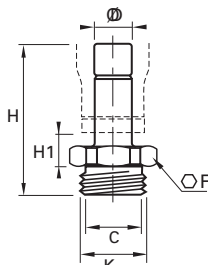


| ØD<br>mm | C<br>BSPP/metric |  | F<br>mm | H<br>mm | K<br>mm |  |
|----------|------------------|---------------------------------------------------------------------------------------|---------|---------|---------|---------------------------------------------------------------------------------------|
| 4        | M5x0.8           | <a href="#">3614 04 19</a>                                                            | 10      | 22      | 11      | .010                                                                                  |
| 4        | G1/8             | <a href="#">3614 04 10</a>                                                            | 14      | 25      | 15      | .017                                                                                  |
| 4        | G1/4             | <a href="#">3614 04 13</a>                                                            | 17      | 29      | 18.5    | .027                                                                                  |
| 6        | G1/8             | <a href="#">3614 06 10</a>                                                            | 14      | 27.5    | 15      | .018                                                                                  |
| 6        | G1/4             | <a href="#">3614 06 13</a>                                                            | 17      | 31.5    | 18.5    | .029                                                                                  |
| 8        | G1/8             | <a href="#">3614 08 10</a>                                                            | 15      | 28.5    | 16      | .023                                                                                  |
| 8        | G1/4             | <a href="#">3614 08 13</a>                                                            | 17      | 32.5    | 18.5    | .030                                                                                  |
| 10       | G3/8             | <a href="#">3614 10 17</a>                                                            | 22      | 38      | 24      | .056                                                                                  |
| 12       | G3/8             | <a href="#">3614 12 17</a>                                                            | 22      | 39      | 24      | .060                                                                                  |
| 12       | G1/2             | <a href="#">3614 12 21</a>                                                            | 24      | 43.5    | 26      | .068                                                                                  |

## 3631 male standpipe — metric tube to BSPP or M5



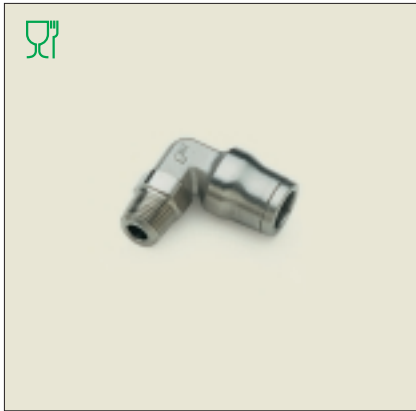
nickel-plated brass  
with 'O' ring seal



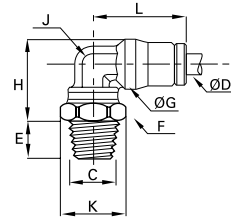
| ØD<br>mm | C<br>BSPP/metric |  | F<br>mm | H<br>mm | H1<br>mm | K<br>mm |  |
|----------|------------------|---------------------------------------------------------------------------------------|---------|---------|----------|---------|---------------------------------------------------------------------------------------|
| 4        | M5x0.8           | <a href="#">3631 04 19</a>                                                            | 13      | 25.5    | 7        | 14      | 0.003                                                                                 |
| 4        | G1/8             | <a href="#">3631 04 10</a>                                                            | 16      | 26.5    | 7        | 17.5    | 0.007                                                                                 |
| 4        | G1/4             | <a href="#">3631 04 13</a>                                                            | 8       | 25      | 7.5      | 8.7     | 0.011                                                                                 |
| 6        | G1/8             | <a href="#">3631 06 10</a>                                                            | 13      | 28      | 6.5      | 14      | 0.008                                                                                 |
| 6        | G1/4             | <a href="#">3631 06 13</a>                                                            | 16      | 29      | 6.5      | 17.5    | 0.012                                                                                 |
| 8        | G1/8             | <a href="#">3631 08 10</a>                                                            | 13      | 28.5    | 6.5      | 14      | 0.009                                                                                 |
| 8        | G1/4             | <a href="#">3631 08 13</a>                                                            | 16      | 29.5    | 6.5      | 17.5    | 0.013                                                                                 |
| 8        | G3/8             | <a href="#">3631 08 17</a>                                                            | 20      | 30.5    | 7.5      | 22      | 0.021                                                                                 |
| 10       | G1/4             | <a href="#">3631 10 13</a>                                                            | 16      | 34.5    | 6.5      | 17.5    | 0.017                                                                                 |
| 10       | G3/8             | <a href="#">3631 10 17</a>                                                            | 20      | 35.5    | 7.5      | 22      | 0.023                                                                                 |
| 10       | G1/2             | <a href="#">3631 10 21</a>                                                            | 24      | 37      | 7.5      | 26      | 0.029                                                                                 |
| 12       | G3/8             | <a href="#">3631 12 17</a>                                                            | 20      | 36.5    | 7.5      | 22      | 0.021                                                                                 |
| 12       | G1/2             | <a href="#">3631 12 21</a>                                                            | 24      | 38      | 7.5      | 26      | 0.031                                                                                 |
| 14       | G1/2             | <a href="#">3631 14 21</a>                                                            | 24      | 40      | 8        | 26      | 0.031                                                                                 |

# threaded fittings

## 3609 male elbow — fractional inch tube to NPT



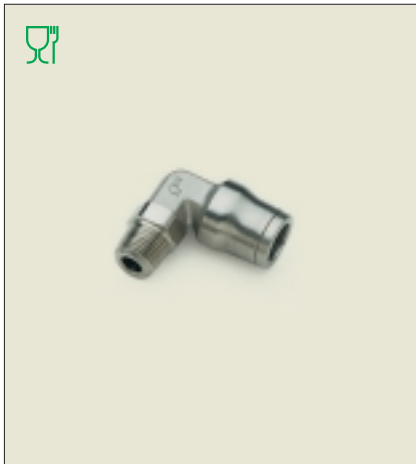
nickel-plated brass



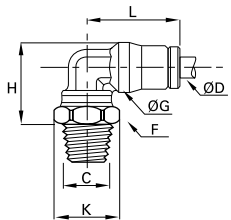
fitting will orientate about the body for positioning purposes

| ØD<br>in | C<br>NPT |            | E<br>in | F<br>mm | G<br>in | H<br>in | J<br>in | K<br>in | L<br>in | kg   |
|----------|----------|------------|---------|---------|---------|---------|---------|---------|---------|------|
| 5/32     | 1/8      | 3609 04 11 | .30     | 11      | .39     | .59     | .28     | .47     | .71     | .56  |
| 5/32     | 1/4      | 3609 04 14 | .43     | 14      | .39     | .67     | .28     | .60     | .71     | .81  |
| 1/4      | 1/8      | 3609 56 11 | .30     | 11      | .49     | .69     | .32     | .47     | .87     | .92  |
| 1/4      | 1/4      | 3609 56 14 | .43     | 14      | .49     | .75     | .32     | .60     | .87     | 1.09 |
| 1/4      | 3/8      | 3609 56 18 | .45     | 18      | .49     | .75     | .32     | .77     | .87     | 1.20 |
| 3/8      | 1/4      | 3609 60 14 | .43     | 15      | .67     | .93     | .47     | .63     | 1.14    | 2.40 |
| 3/8      | 3/8      | 3609 60 18 | .45     | 18      | .67     | 1.02    | .47     | .77     | 1.14    | 2.36 |
| 3/8      | 1/2      | 3609 60 22 | .59     | 22      | .67     | 1.06    | .47     | .94     | 1.14    | 2.54 |
| 1/2      | 3/8      | 3609 62 18 | .45     | 18      | .79     | 1.14    | .59     | .77     | 1.22    | 3.28 |
| 1/2      | 1/2      | 3609 62 22 | .59     | 22      | .79     | 1.14    | .59     | .94     | 1.22    | 3.49 |

## 3609 male elbow — metric tube to BSPT



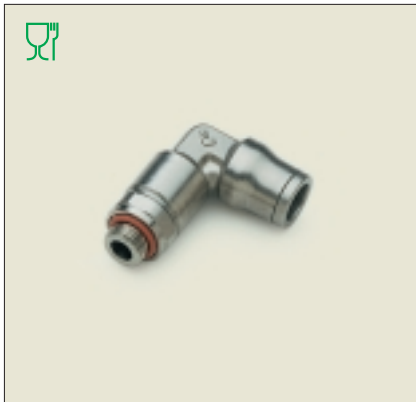
nickel-plated brass



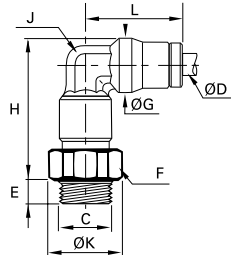
fitting will orientate about the body for positioning purposes

| ØD<br>mm | C<br>BSPT |            | F<br>mm | G<br>mm | H<br>mm | K<br>mm | L<br>mm | kg   |
|----------|-----------|------------|---------|---------|---------|---------|---------|------|
| 4        | R1/8      | 3609 04 10 | 11      | 10      | 15      | 12      | 18      | .016 |
| 4        | R1/4      | 3609 04 13 | 14      | 10      | 17      | 15      | 18      | .023 |
| 6        | R1/8      | 3609 06 10 | 11      | 12      | 17.5    | 12      | 21.5    | .026 |
| 6        | R1/4      | 3609 06 13 | 14      | 12      | 19      | 15      | 21.5    | .031 |
| 8        | R1/8      | 3609 08 10 | 11      | 15      | 19.5    | 12      | 23.5    | .040 |
| 8        | R1/4      | 3609 08 13 | 14      | 15      | 21      | 15      | 23.5    | .044 |
| 8        | R3/8      | 3609 08 17 | 17      | 15      | 21      | 18.5    | 23.5    | .048 |
| 10       | R1/4      | 3609 10 13 | 15      | 17.5    | 23.5    | 16      | 29      | .068 |
| 10       | R3/8      | 3609 10 17 | 17      | 17.5    | 25.5    | 18.5    | 29      | .067 |
| 12       | R1/4      | 3609 12 13 | 15      | 19.5    | 26      | 16      | 31      | .087 |
| 12       | R3/8      | 3609 12 17 | 17      | 19.5    | 28.5    | 18.5    | 31      | .093 |
| 12       | R1/2      | 3609 12 21 | 21      | 19.5    | 28.5    | 23      | 31      | .099 |
| 14       | R3/8      | 3609 14 17 | 19      | 21.5    | 29      | 21      | 34      | .066 |
| 14       | R1/2      | 3609 14 21 | 24      | 21.5    | 30      | 26      | 34      | .076 |

## 3669 extended male elbow — metric tube to BSPP or M5



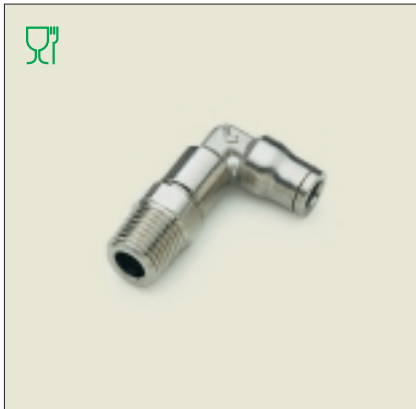
nickel-plated brass with "O" ring seal



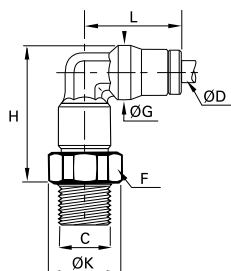
fitting will orientate about the body for positioning purposes

| ØD<br>mm | C<br>BSPP/<br>M5 |            | F<br>mm | G<br>mm | H<br>mm | K<br>mm | L<br>mm | kg    |
|----------|------------------|------------|---------|---------|---------|---------|---------|-------|
| 4        | M5x0.8           | 3669 04 19 | 10      | 10      | 27.5    | 11      | 18      | 0.015 |
| 4        | G1/8             | 3669 04 10 | 13      | 10      | 25.5    | 14      | 18      | 0.017 |
| 6        | G1/8             | 3669 06 10 | 13      | 12      | 31      | 14      | 18      | 0.023 |
| 6        | G1/4             | 3669 06 13 | 16      | 12      | 30.5    | 17.5    | 21.5    | 0.028 |
| 8        | G1/8             | 3669 08 10 | 14      | 15      | 33.5    | 15      | 23.5    | 0.031 |
| 8        | G1/4             | 3669 08 13 | 16      | 15      | 34      | 17.5    | 23.5    | 0.036 |
| 10       | G1/4             | 3669 10 13 | 18      | 17.5    | 42      | 19.5    | 29      | 0.053 |
| 10       | G3/8             | 3669 10 17 | 20      | 17.5    | 41      | 22      | 29      | 0.056 |
| 12       | G1/4             | 3669 12 13 | 20      | 19.5    | 47      | 22      | 31      | 0.075 |
| 12       | G3/8             | 3669 12 17 | 20      | 19.5    | 46      | 22      | 31      | 0.072 |
| 14       | G1/2             | 3669 14 21 | 24      | 21.5    | 49      | 26      | 34      | 0.094 |

## 3629 extended male elbow — metric tube to BSPT



nickel-plated brass



fitting will orientate about the body for positioning purposes

| ØD<br>mm | C<br>BSPT |            | F<br>mm | G<br>mm | H<br>mm | K<br>mm | L<br>mm | kg   |
|----------|-----------|------------|---------|---------|---------|---------|---------|------|
| 4        | R1/8      | 3629 04 10 | 10      | 10      | 24.5    | 11      | 18      | .016 |
| 6        | R1/8      | 3629 06 10 | 13      | 12      | 29.5    | 14      | 21.5    | .025 |
| 6        | R1/4      | 3629 06 13 | 14      | 12      | 30.5    | 15      | 21.5    | .031 |
| 8        | R1/8      | 3629 08 10 | 14      | 15      | 32.5    | 15      | 23.5    | .031 |
| 8        | R1/4      | 3629 08 13 | 14      | 15      | 34      | 15      | 23.5    | .036 |
| 10       | R1/4      | 3629 10 13 | 18      | 17.5    | 39      | 19.5    | 29      | .053 |

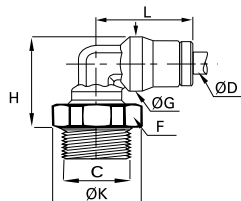
= suitable for food applications

# threaded fittings

## 3699 male elbow — tube to UNF, BSPP or M5



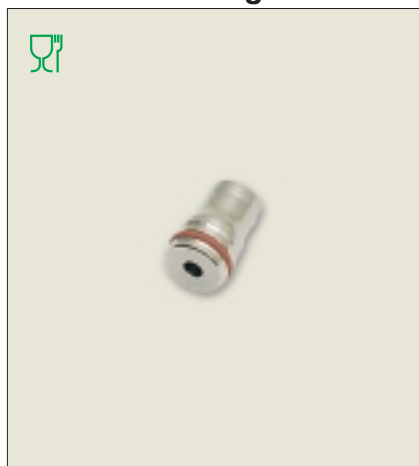
nickel-plated brass  
with "O" ring seal



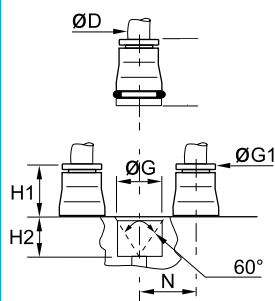
fitting will orientate about the  
body for positioning purposes

| ØD<br>in | C<br>UNF | fractional inch | F<br>mm | G<br>in | H<br>in | K<br>in | L<br>in | oz   |
|----------|----------|-----------------|---------|---------|---------|---------|---------|------|
| 5/32     | 10-32    | 3699 04 20      | 10      | .39     | .71     | .43     | .71     | .49  |
| mm       | BSPP/M5  | metric          | mm      | mm      | mm      | mm      | mm      | kg   |
| 4        | M5       | 3699 04 19      | 10      | 10      | 18      | 11      | 18      | .014 |
| 4        | G1/8     | 3699 04 10      | 13      | 10      | 17      | 14      | 18      | .018 |
| 4        | M6       | 3699 04 52      | 10      | 10      | 18      | 11      | 18      | .020 |
| 4        | G1/4     | 3699 04 13      | 16      | 10      | 17.5    | 17.5    | 18      | .023 |
| 4        | M8       | 3699 04 56      | 11      | 10      | 18      | 12      | 18      | .024 |
| 6        | G1/8     | 3699 06 10      | 13      | 12      | 19      | 14      | 21.5    | .026 |
| 6        | M10      | 3699 06 60      | 13      | 12      | 19      | 14      | 21.5    | .030 |
| 6        | G1/4     | 3699 06 13      | 16      | 12      | 19.5    | 17.5    | 21.5    | .032 |
| 8        | G1/8     | 3699 08 10      | 13      | 15      | 20.5    | 14      | 23.5    | .040 |
| 8        | G1/4     | 3699 08 13      | 16      | 15      | 21.5    | 17.5    | 23.5    | .044 |
| 8        | G3/8     | 3699 08 17      | 20      | 15      | 21.5    | 22      | 23.5    | .049 |
| 10       | G1/4     | 3699 10 13      | 16      | 17.5    | 27      | 17.5    | 29      | .067 |
| 10       | G3/8     | 3699 10 17      | 20      | 17.5    | 25.5    | 22      | 29      | .071 |
| 12       | G1/4     | 3699 12 13      | 16      | 19.5    | 29.5    | 17.5    | 31      | .087 |
| 12       | G3/8     | 3699 12 17      | 20      | 19.5    | 28.5    | 22      | 31      | .087 |
| 12       | G1/2     | 3699 12 21      | 24      | 19.5    | 28.5    | 26      | 31      | .107 |
| 14       | G3/8     | 3699 14 17      | 20      | 21.5    | 29      | 22      | 34      | .121 |
| 14       | G1/2     | 3699 14 21      | 24      | 21.5    | 29.5    | 26      | 34      | .124 |

## 3600 cartridge



nickel-plated brass



| ØD<br>mm | metric     | G<br>mm | H1<br>mm | H2<br>mm | N<br>mm | kg   |
|----------|------------|---------|----------|----------|---------|------|
| 4        | 3600 04 00 | 10      | 9        | 8.5      | 11      | .006 |
| 6        | 3600 06 00 | 12      | 11       | 8.5      | 13.5    | .009 |
| 8        | 3600 08 00 | 15      | 12.5     | 8.5      | 16      | .014 |
| 10       | 3600 10 00 | 17.5    | 14.5     | 10.5     | 20      | .020 |
| 12       | 3600 12 00 | 19.5    | 15       | 10.5     | 22.5    | .022 |
| 14       | 3600 14 00 | 21.5    | 16.5     | 12       | 25      | .032 |

The use of this cartridge

- avoids the need to cut threads
- permits the part to be press fitted
- enables instant tube connection and disconnection

Please contact us to discuss the choice of material into which the  
cartridge will be inserted.

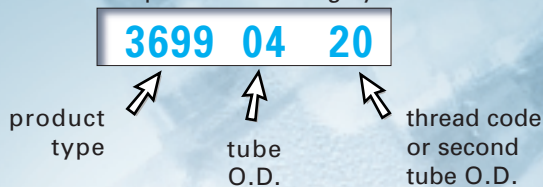
= suitable for food applications

### Identification

Part numbers have been chosen by a method of mnemonics.  
Each LF3600 fitting is identified by:

- product type
- the outside diameter of the tube
- the thread code or second tube O.D.

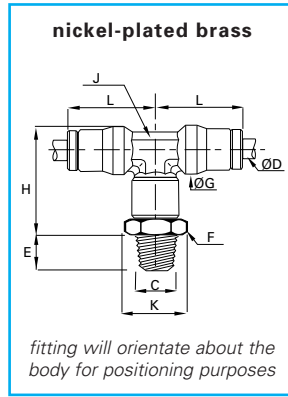
Example of numbering system



If the nylon sealing washers are incompatible with the application, system LF3600 may be used with copper washer 0138.  
Details on this washer can be found in the Accessories section of this catalog, section H.

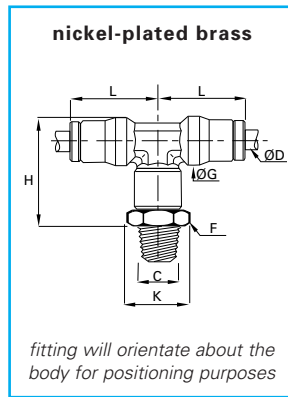
# threaded fittings

## 3608 male branch tee — fractional inch tube to NPT to tube



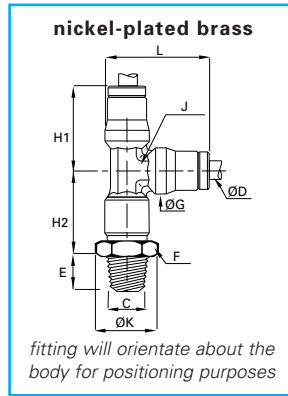
| ØD<br>in | C<br>NPT |            | E<br>in | F<br>mm | G<br>in | H<br>in | J<br>in | K<br>in | L<br>in | kg   |
|----------|----------|------------|---------|---------|---------|---------|---------|---------|---------|------|
| 5/32     | 1/8      | 3608 04 11 | .30     | 11      | .39     | .87     | .28     | .47     | .71     | .71  |
| 5/32     | 1/4      | 3608 04 14 | .43     | 14      | .39     | 1.04    | .28     | .59     | .71     | .93  |
| 1/4      | 1/8      | 3608 56 11 | .30     | 13      | .49     | 1.18    | .32     | .55     | .87     | 1.16 |
| 1/4      | 1/4      | 3608 56 14 | .43     | 14      | .49     | 1.22    | .32     | .59     | .87     | 1.34 |
| 1/4      | 3/8      | 3608 56 18 | .45     | 18      | .49     | 1.22    | .32     | .77     | .87     | 1.54 |
| 3/8      | 1/4      | 3608 60 14 | .43     | 18      | .67     | 1.54    | .47     | .77     | 1.14    | 2.89 |
| 3/8      | 3/8      | 3608 60 18 | .45     | 18      | .67     | 1.61    | .47     | .77     | 1.14    | 2.82 |
| 3/8      | 1/2      | 3608 60 22 | .59     | 22      | .67     | 1.61    | .47     | .94     | 1.14    | 3.10 |
| 1/2      | 3/8      | 3608 62 18 | .45     | 22      | .79     | 1.85    | .59     | .94     | 1.22    | 3.81 |
| 1/2      | 1/2      | 3608 62 22 | .59     | 22      | .79     | 1.89    | .59     | .94     | 1.22    | 4.41 |

## 3608 male branch tee — metric tube to BSPT to tube



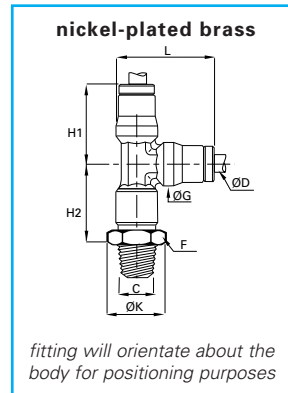
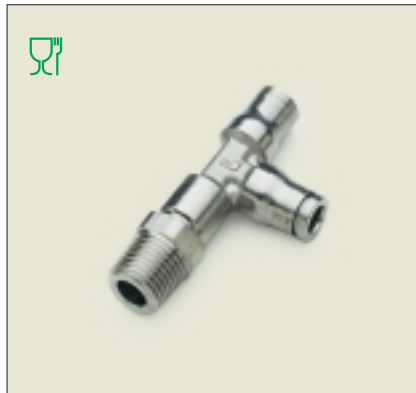
| ØD<br>mm | C<br>BSPT |            | F<br>mm | G<br>mm | H<br>mm | K<br>mm | L<br>mm | kg   |
|----------|-----------|------------|---------|---------|---------|---------|---------|------|
| 4        | R1/8      | 3608 04 10 | 10      | 10      | 24.5    | 11      | 18      | .020 |
| 6        | R1/8      | 3608 06 10 | 13      | 12      | 29.5    | 14      | 21.5    | .033 |
| 6        | R1/4      | 3608 06 13 | 14      | 12      | 30.5    | 15      | 21.5    | .038 |
| 8        | R1/8      | 3608 08 10 | 14      | 15      | 32.5    | 15      | 23.5    | .049 |
| 8        | R1/4      | 3608 08 13 | 14      | 15      | 34      | 15      | 23.5    | .052 |
| 10       | R1/4      | 3608 10 13 | 18      | 17.5    | 39      | 19.5    | 29      | .082 |
| 10       | R3/8      | 3608 10 17 | 18      | 17.5    | 41      | 19.5    | 29      | .074 |
| 12       | R3/8      | 3608 12 17 | 21      | 19.5    | 46.5    | 23      | 31      | .108 |
| 14       | R1/2      | 3608 14 21 | 22      | 21.5    | 50.5    | 24      | 34      | .142 |

## 3603 male run tee — fractional inch tube to tube to NPT



| ØD<br>in | C<br>NPT |            | E<br>in | F<br>mm | G<br>in | H1<br>in | H2<br>in | J<br>in | K<br>in | L<br>in | kg   |
|----------|----------|------------|---------|---------|---------|----------|----------|---------|---------|---------|------|
| 5/32     | 1/8      | 3603 04 11 | .30     | 11      | .39     | .71      | .77      | .28     | .47     | .91     | .71  |
| 5/32     | 1/4      | 3603 04 14 | .43     | 14      | .39     | .71      | .85      | .28     | .59     | .91     | .93  |
| 1/4      | 1/8      | 3603 56 11 | .30     | 13      | .49     | .87      | .93      | .32     | .55     | 1.12    | 1.16 |
| 1/4      | 1/4      | 3603 56 14 | .43     | 14      | .49     | .87      | .97      | .32     | .59     | 1.12    | 1.31 |
| 1/4      | 3/8      | 3603 56 18 | .45     | 18      | .49     | .87      | .97      | .32     | .77     | 1.12    | 1.54 |
| 3/8      | 1/4      | 3603 60 14 | .43     | 18      | .67     | 1.14     | 1.20     | .47     | .77     | 1.48    | 2.89 |
| 3/8      | 3/8      | 3603 60 18 | .45     | 18      | .67     | 1.14     | 1.28     | .47     | .77     | 1.48    | 2.82 |
| 3/8      | 1/2      | 3603 60 22 | .59     | 22      | .67     | 1.14     | 1.28     | .47     | .94     | 1.48    | 3.10 |
| 1/2      | 3/8      | 3603 62 18 | .45     | 22      | .79     | 1.22     | 1.46     | .59     | .94     | 1.61    | 4.02 |
| 1/2      | 1/2      | 3603 62 22 | .59     | 22      | .79     | 1.22     | 1.50     | .59     | .94     | 1.61    | 4.16 |

## 3603 male run tee — metric tube to tube to BSPT

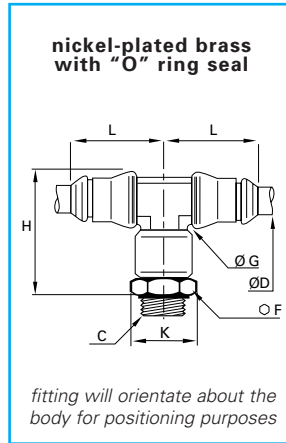


| ØD<br>mm | C<br>BSPT |            | F<br>mm | G<br>mm | H1<br>mm | H2<br>mm | K<br>mm | L<br>mm | kg   |
|----------|-----------|------------|---------|---------|----------|----------|---------|---------|------|
| 4        | R1/8      | 3603 04 10 | 10      | 10      | 18       | 19.5     | 11      | 23      | .020 |
| 6        | R1/8      | 3603 06 10 | 13      | 12      | 21.5     | 23.5     | 14      | 28      | .033 |
| 6        | R1/4      | 3603 06 13 | 14      | 12      | 21.5     | 24.5     | 15      | 28      | .037 |
| 8        | R1/8      | 3603 08 10 | 14      | 15      | 23.5     | 25       | 15      | 31      | .048 |
| 8        | R1/4      | 3603 08 13 | 14      | 15      | 23.5     | 26.5     | 15      | 31      | .053 |
| 10       | R1/4      | 3603 10 13 | 18      | 17.5    | 29       | 30.5     | 19.5    | 37.5    | .082 |
| 10       | R3/8      | 3603 10 17 | 18      | 17.5    | 29       | 32.5     | 19.5    | 37.5    | .074 |
| 12       | R3/8      | 3603 12 17 | 21      | 19.5    | 31       | 36.5     | 23      | 40.5    | .114 |
| 14       | R1/2      | 3603 14 21 | 22      | 21.5    | 34       | 40       | 24      | 45      | .142 |

= suitable for food applications

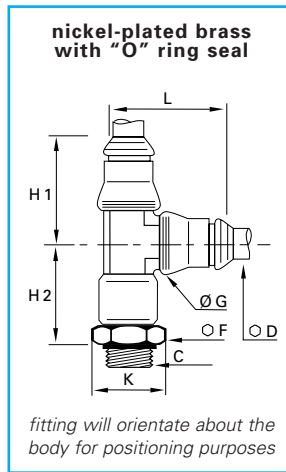
# threaded fittings

## 3698 male branch tee — tube to UNF, BSPP or M5 to tube



| ØD<br>in   | C<br>UNF | fractional inch   | F<br>mm | G<br>in | H<br>in | K<br>in | L<br>in | oz   |
|------------|----------|-------------------|---------|---------|---------|---------|---------|------|
| 5/32       | 10-32    | <b>3698 04 20</b> | 10      | .39     | 1.00    | .47     | .71     | .60  |
| mm BSPP/M5 |          | metric            | mm      | mm      | mm      | mm      | mm      | kg   |
| 4          | M5x0.8   | <b>3698 04 19</b> | 10      | 10      | 27.5    | 11      | 18      | .017 |
| 4          | G1/8     | <b>3698 04 10</b> | 13      | 10      | 25.5    | 14      | 18      | .022 |
| 6          | G1/8     | <b>3698 06 10</b> | 13      | 12      | 31      | 14      | 21.5    | .032 |
| 6          | G1/4     | <b>3698 06 13</b> | 16      | 12      | 30.5    | 17.5    | 21.5    | .038 |
| 8          | G1/8     | <b>3698 08 10</b> | 14      | 15      | 33.5    | 15      | 23.5    | .049 |
| 8          | G1/4     | <b>3698 08 13</b> | 16      | 15      | 34      | 17.5    | 23.5    | .053 |
| 10         | G1/4     | <b>3698 10 13</b> | 18      | 17.5    | 42      | 19.5    | 29      | .081 |
| 12         | G3/8     | <b>3698 12 17</b> | 21      | 19.5    | 46      | 23      | 31      | .112 |
| 14         | G1/2     | <b>3698 14 21</b> | 24      | 21.5    | 49      | 26      | 34      | .109 |

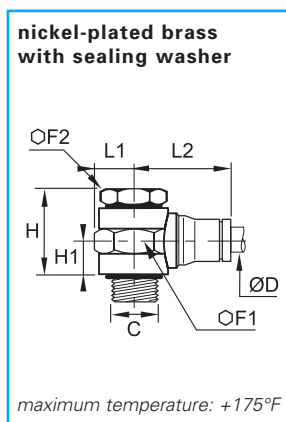
## 3693 male run tee — tube to tube to UNF, BSPP or M5



| ØD<br>in   | C<br>UNF | fractional inch   | F<br>mm | G<br>in | H1<br>in | H2<br>in | K<br>in | L<br>in | oz   |
|------------|----------|-------------------|---------|---------|----------|----------|---------|---------|------|
| 5/32       | 10-32    | <b>3693 04 20</b> | 10      | .39     | .71      | .81      | .47     | .91     | .64  |
| mm BSPP/M5 |          | metric            | mm      | mm      | mm       | mm       | mm      | mm      | kg   |
| 4          | M5x0.8   | <b>3693 04 19</b> | 10      | 10      | 18       | 22.5     | 11      | 23      | .018 |
| 4          | G1/8     | <b>3693 04 10</b> | 13      | 10      | 18       | 20.5     | 14      | 23      | .021 |
| 6          | G1/8     | <b>3693 06 10</b> | 13      | 12      | 21.5     | 25       | 14      | 28      | .032 |
| 6          | G1/4     | <b>3693 06 13</b> | 16      | 12      | 21.5     | 24.5     | 17.5    | 28      | .039 |
| 8          | G1/8     | <b>3693 08 10</b> | 14      | 15      | 23.5     | 26.5     | 15      | 31      | .048 |
| 8          | G1/4     | <b>3693 08 13</b> | 16      | 15      | 23.5     | 26.5     | 17.5    | 31      | .053 |
| 10         | G1/4     | <b>3693 10 13</b> | 18      | 17.5    | 29       | 33       | 19.5    | 37.5    | .081 |
| 12         | G3/8     | <b>3693 12 17</b> | 21      | 19.5    | 31       | 36.5     | 23      | 40.5    | .111 |
| 14         | G1/2     | <b>3693 14 21</b> | 24      | 21.5    | 34       | 38.5     | 26      | 45      | .129 |

= suitable for food applications

## 3618 single banjo — **metric** tube to BSPP or M5

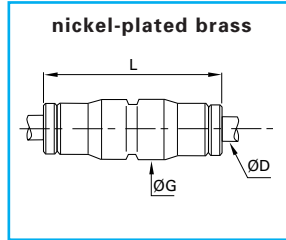


| ØD<br>mm | C<br>BSPP/<br>metric | metric            | F1<br>mm | F2<br>mm | H<br>mm | H1<br>mm | L1<br>mm | L2<br>mm | kg    |
|----------|----------------------|-------------------|----------|----------|---------|----------|----------|----------|-------|
| 4        | M5x0.8               | <b>3618 04 19</b> | 10       | 8        | 14.5    | 6.5      | 6        | 18.5     | 0.011 |
| 4        | G1/8                 | <b>3618 04 10</b> | 17       | 14       | 23      | 9.5      | 10       | 20.5     | 0.041 |
| 6        | M5x0.8               | <b>3618 06 19</b> | 10       | 8        | 15      | 7        | 6        | 22.5     | 0.014 |
| 6        | G1/8                 | <b>3618 06 10</b> | 17       | 14       | 23      | 9.5      | 10       | 23.5     | 0.045 |
| 6        | G1/4                 | <b>3618 06 13</b> | 22       | 17       | 22      | 9        | 13       | 25.5     | 0.068 |
| 8        | G1/8                 | <b>3618 08 10</b> | 17       | 14       | 23      | 9.5      | 10       | 26       | 0.046 |
| 8        | G1/4                 | <b>3618 08 13</b> | 22       | 17       | 22      | 9        | 13       | 27.5     | 0.066 |
| 10       | G3/8                 | <b>3618 10 17</b> | 22       | 22       | 33      | 14       | 13       | 32       | 0.105 |

suitable for industrial applications only

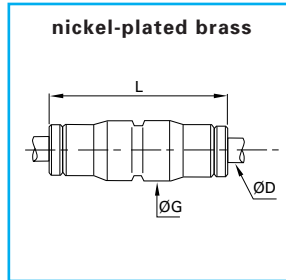
# tube to tube fittings

## 3606 straight union — fractional inch tube to tube



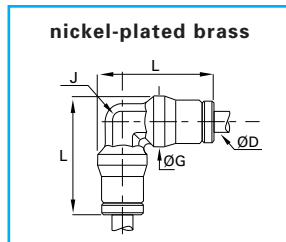
| ØD<br>in |            | G<br>in | L<br>in | oz   |
|----------|------------|---------|---------|------|
| 5/32     | 3606 04 00 | .39     | 1.20    | .32  |
| 1/4      | 3606 56 00 | .49     | 1.44    | .53  |
| 5/16     | 3606 08 00 | .59     | 1.48    | .81  |
| 3/8      | 3606 60 00 | .67     | 1.87    | 1.27 |
| 1/2      | 3606 62 00 | .79     | 1.89    | 1.69 |

## 3606 straight union — metric tube to tube



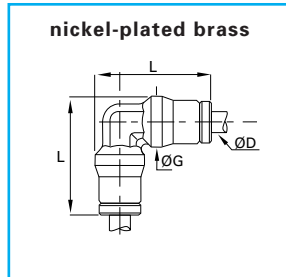
| ØD<br>mm |            | G<br>mm | L<br>mm | kg   |
|----------|------------|---------|---------|------|
| 4        | 3606 04 00 | 10      | 30.5    | .009 |
| 6        | 3606 06 00 | 12      | 36.5    | .015 |
| 8        | 3606 08 00 | 15      | 37.5    | .023 |
| 10       | 3606 10 00 | 17.5    | 47.5    | .036 |
| 12       | 3606 12 00 | 19.5    | 50      | .048 |
| 14       | 3606 14 00 | 21.5    | 52.5    | .054 |

## 3602 union elbow — fractional inch tube to tube



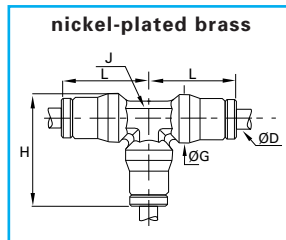
| ØD<br>in |            | G<br>in | J<br>in | L<br>in | oz   |
|----------|------------|---------|---------|---------|------|
| 5/32     | 3602 04 00 | .39     | .28     | .91     | .32  |
| 1/4      | 3602 56 00 | .49     | .32     | 1.12    | .60  |
| 5/16     | 3602 08 00 | .59     | .39     | 1.22    | .88  |
| 3/8      | 3602 60 00 | .67     | .47     | 1.48    | 1.34 |
| 1/2      | 3602 62 00 | .79     | .59     | 1.61    | 1.98 |

## 3602 union elbow — metric tube to tube



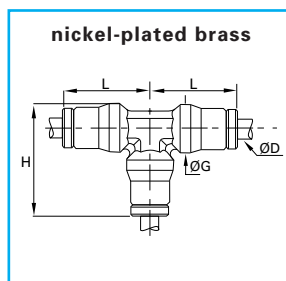
| ØD<br>mm |            | G<br>mm | L<br>mm | kg   |
|----------|------------|---------|---------|------|
| 4        | 3602 04 00 | 10      | 23      | .009 |
| 6        | 3602 06 00 | 12      | 28      | .017 |
| 8        | 3602 08 00 | 15      | 31      | .025 |
| 10       | 3602 10 00 | 17.5    | 37.5    | .038 |
| 12       | 3602 12 00 | 19.5    | 40.5    | .056 |
| 14       | 3602 14 00 | 21.5    | 45      | .068 |

## 3604 union tee — fractional inch tube to tube to tube



| ØD<br>in |            | G<br>in | H<br>in | J<br>in | L<br>in | oz   |
|----------|------------|---------|---------|---------|---------|------|
| 5/32     | 3604 04 00 | .39     | .91     | .28     | .71     | .46  |
| 1/4      | 3604 56 00 | .49     | 1.12    | .32     | .87     | .81  |
| 5/16     | 3604 08 00 | .59     | 1.22    | .39     | .93     | 1.20 |
| 3/8      | 3604 60 00 | .67     | 1.48    | .47     | 1.14    | 1.90 |
| 1/2      | 3604 62 00 | .79     | 1.61    | .59     | 1.22    | 2.68 |

## 3604 union tee — metric tube to tube to tube

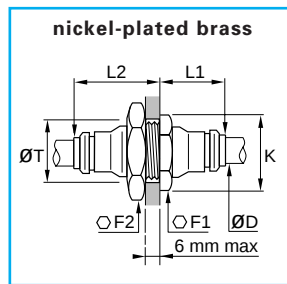


| ØD<br>mm |            | G<br>mm | H<br>mm | L<br>mm | kg   |
|----------|------------|---------|---------|---------|------|
| 4        | 3604 04 00 | 10      | 23      | 18      | .013 |
| 6        | 3604 06 00 | 12      | 28      | 21.5    | .023 |
| 8        | 3604 08 00 | 15      | 31      | 23.5    | .034 |
| 10       | 3604 10 00 | 17.5    | 37.5    | 29      | .054 |
| 12       | 3604 12 00 | 19.5    | 40.5    | 31      | .076 |
| 14       | 3604 14 00 | 21.5    | 45      | 34      | .096 |

 = suitable for food applications

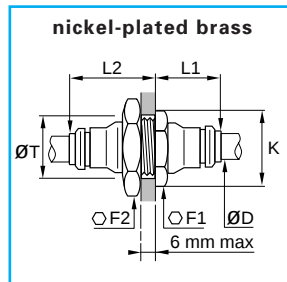
# bulkhead connectors

## 3616 bulkhead connector — fractional inch tube to tube



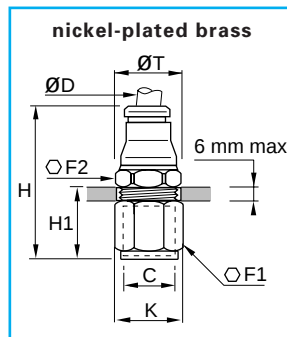
| ØD<br>in |            | F1<br>mm | F2<br>mm | K<br>in | L1<br>in | L2<br>in | T<br>in | kg   |
|----------|------------|----------|----------|---------|----------|----------|---------|------|
| 5/32     | 3616 04 00 | 13       | 14       | .55     | .55      | .79      | .49     | .64  |
| 1/4      | 3616 56 00 | 16       | 17       | .69     | .67      | .89      | .59     | 1.06 |
| 5/16     | 3616 08 00 | 18       | 19       | .77     | .73      | .93      | .67     | 1.34 |
| 3/8      | 3616 60 00 | 22       | 27       | .95     | .87      | 1.10     | .85     | 2.29 |
| 1/2      | 3616 62 00 | 24       | 24       | 1.16    | .89      | 1.14     | 1.04    | 2.50 |

## 3616 bulkhead connector — metric tube to tube



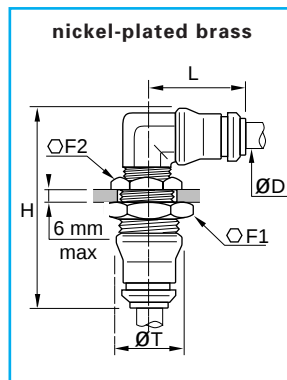
| ØD<br>mm |            | F1<br>mm | F2<br>mm | K<br>mm | L1<br>mm | L2<br>mm | T<br>mm | kg   |
|----------|------------|----------|----------|---------|----------|----------|---------|------|
| 4        | 3616 04 00 | 13       | 14       | 14      | 14       | 20       | 12.5    | .018 |
| 6        | 3616 06 00 | 16       | 17       | 17.5    | 17       | 22       | 15      | .030 |
| 8        | 3616 08 00 | 18       | 19       | 19.5    | 18.5     | 23.5     | 17      | .038 |
| 10       | 3616 10 00 | 22       | 27       | 24      | 21.5     | 26.5     | 21      | .065 |
| 12       | 3616 12 00 | 24       | 24       | 26      | 23       | 27       | 23      | .071 |
| 14       | 3616 14 00 | 27       | 27       | 29.5    | 25.5     | 29.5     | 25      | .098 |

## 3636 female bulkhead connector — metric tube to BSPP



| ØD<br>mm | C<br>BSPP |            | F1<br>mm | F2<br>mm | H<br>mm | H1<br>mm | K<br>mm | T<br>mm | kg   |
|----------|-----------|------------|----------|----------|---------|----------|---------|---------|------|
| 4        | G1/8      | 3636 04 10 | 14       | 14       | 30.5    | 11       | 15      | 13      | .024 |
| 6        | G1/8      | 3636 06 10 | 17       | 17       | 32.5    | 11       | 18.5    | 15      | .032 |
| 6        | G1/4      | 3636 06 13 | 17       | 17       | 37      | 15       | 18.5    | 15      | .036 |
| 8        | G1/8      | 3636 08 10 | 19       | 19       | 34      | 10.5     | 21      | 17      | .041 |
| 8        | G1/4      | 3636 08 13 | 19       | 19       | 38      | 14.5     | 21      | 17      | .040 |
| 10       | G3/8      | 3636 10 17 | 22       | 27       | 42.5    | 16       | 24      | 21      | .075 |
| 12       | G3/8      | 3636 12 17 | 24       | 24       | 43      | 16       | 26      | 23      | .092 |
| 12       | G1/2      | 3636 12 21 | 27       | 24       | 48.5    | 21.5     | 29.5    | 23      | .116 |

## 3639 bulkhead elbow — metric tube to tube



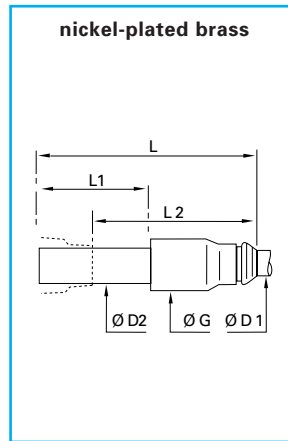
| ØD<br>mm |            | F1<br>mm | F2<br>mm | H<br>mm | K<br>mm | L<br>mm | T<br>mm | kg   |
|----------|------------|----------|----------|---------|---------|---------|---------|------|
| 4        | 3639 04 00 | 13       | 14       | 35      | 14      | 18      | 12.5    | .024 |
| 6        | 3639 06 00 | 16       | 17       | 40.5    | 17.5    | 21.5    | 15      | .038 |
| 8        | 3639 08 00 | 18       | 19       | 44      | 19.5    | 23.5    | 17      | .054 |
| 10       | 3639 10 00 | 22       | 27       | 51      | 24      | 29      | 21      | .088 |
| 12       | 3639 12 00 | 24       | 24       | 55      | 26      | 31      | 23      | .117 |
| 14       | 3639 14 00 | 27       | 27       | 59      | 29.5    | 34      | 25      | .144 |

 = suitable for food applications

Fittings will orientate about the body for positioning purpose.

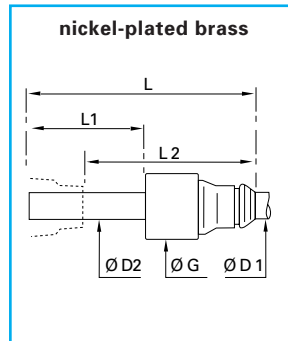
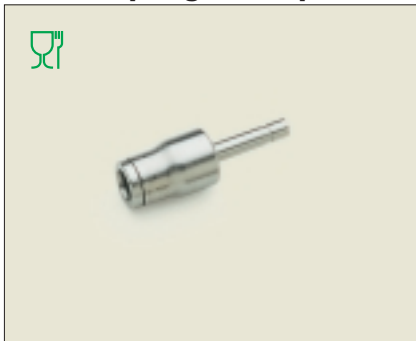
# plug-in accessories

## 3666 plug-in reducer — metric



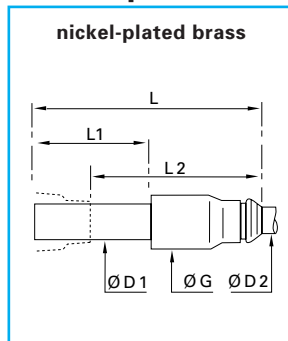
| ØD1<br>mm | ØD2<br>mm |            | G<br>mm | L<br>mm | L1<br>mm | L2<br>mm | kg   |
|-----------|-----------|------------|---------|---------|----------|----------|------|
| 4         | 6         | 3666 04 06 | 10      | 34.5    | 19       | 17.5     | .005 |
| 4         | 8         | 3666 04 08 | 10      | 35.5    | 20       | 18       | .006 |
| 6         | 8         | 3666 06 08 | 12      | 37      | 20       | 19.5     | .003 |
| 6         | 10        | 3666 06 10 | 12      | 43.5    | 25       | 21       | .009 |
| 8         | 10        | 3666 08 10 | 15      | 44      | 25       | 21.5     | .012 |
| 8         | 12        | 3666 08 12 | 15      | 45      | 26       | 21.5     | .013 |
| 10        | 12        | 3666 10 12 | 17.5    | 50      | 26       | 26.5     | .018 |
| 12        | 14        | 3666 12 14 | 19.5    | 53      | 28       | 28.5     | .039 |

## 3668 plug-in expander — metric



| ØD1<br>mm | ØD2<br>mm |            | G<br>mm | L<br>mm | L1<br>mm | L2<br>mm | kg   |
|-----------|-----------|------------|---------|---------|----------|----------|------|
| 6         | 4         | 3668 06 04 | 17      | 42      | 22       | 28       | .013 |

## 3667 plug-in — metric/inch adapter



| ØD1<br>mm | ØD2<br>in |            | G<br>mm | L<br>mm | L1<br>mm | L2<br>mm | kg   |
|-----------|-----------|------------|---------|---------|----------|----------|------|
| 6         | 1/4       | 3667 06 56 | 12.5    | 38      | 19       | 20.5     | .016 |
| 10        | 3/8       | 3667 10 60 | 17      | 49.5    | 25       | 27       | .020 |
| 12        | 1/2       | 3667 12 62 | 20      | 51      | 26       | 27.5     | .040 |

This item allows fractional inch tube to be used with fittings designed for use with mm tubing.

= suitable for food applications

**LF3600 push-to-connect fittings** allow connection with **various types of tubing** presented in this catalog:

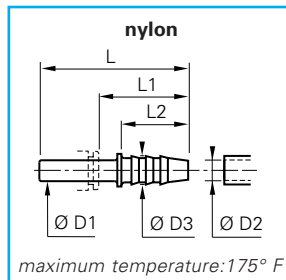
- semi-rigid nylon tube  
1/8" to 1/2" O.D. – page M7  
4mm to 14mm O.D. – page M9
- flexible polyurethane tube  
1/8" to 1/2" O.D. – page M11  
4mm to 14mm O.D. – page M13
- low density polyethylene  
1/8" to 1/2" O.D. – page M15  
4mm to 12mm O.D. – page M15
- fluoropolymer FEP140 tube  
1/8" to 1/2" O.D. – page M16  
4mm to 12mm O.D. – page M16



This catalog includes details of a range of brass accessories compatible with LF3600. Please refer to the Accessories section H.

# plug-in accessories

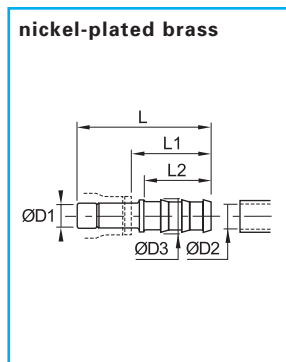
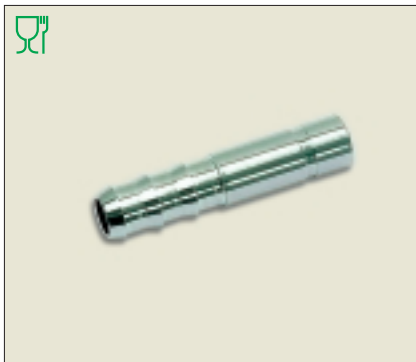
## 3122 barbed connector — fractional inch



| ØD1<br>in | ØD2<br>in | ØD3<br>in |            | L<br>in | L1<br>in | L2<br>in | oz  |
|-----------|-----------|-----------|------------|---------|----------|----------|-----|
| 5/32      | .12       | .20       | 3122 04 53 | 1.46    | .98      | .67      | .11 |
| 5/32      | .20       | .28       | 3122 04 05 | 1.46    | .98      | .67      | .11 |
| 5/16      | .25       | .34       | 3122 08 56 | 1.55    | .83      | .67      | .04 |
| 5/16      | .32       | .39       | 3122 08 08 | 1.75    | 1.02     | .87      | .04 |
| 3/8       | .32       | .39       | 3122 60 08 | 1.97    | 1.16     | .87      | .11 |

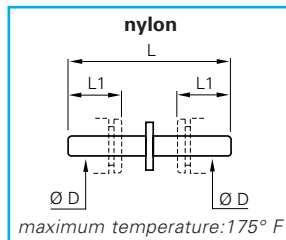
Dimensions for ØD2 are I.D. of the tube.

## 3622 plug-in barbed connector — metric



| ØD1<br>mm | ØD2<br>mm | ØD3<br>mm |            | L<br>mm | L1<br>mm | L2<br>mm | kg    |
|-----------|-----------|-----------|------------|---------|----------|----------|-------|
| 4         | 3.2       | 5         | 3622 04 53 | 40.5    | 27       | 22.5     | 0.003 |
| 4         | 5         | 7         | 3622 04 05 | 40.5    | 27       | 22.5     | 0.004 |
| 6         | 5         | 7         | 3622 06 05 | 43      | 27       | 22.5     | 0.006 |
| 8         | 6.3       | 8.3       | 3622 08 56 | 42      | 25       | 22.5     | 0.008 |
| 8         | 8         | 10        | 3622 08 08 | 44      | 27       | 22.5     | 0.009 |
| 10        | 6.3       | 10        | 3622 10 56 | 47.5    | 25.5     | 22.5     | 0.011 |
| 10        | 8         | 8.3       | 3622 10 08 | 47.5    | 25.5     | 22.5     | 0.011 |
| 12        | 8         | 10        | 3622 12 08 | 48.5    | 25.5     | 22.5     | 0.013 |
| 12        | 10        | 12        | 3622 12 10 | 48.5    | 25.5     | 22.5     | 0.014 |
| 12        | 12.5      | 14.5      | 3622 12 62 | 57      | 34       | 29.5     | 0.019 |
| 14        | 12.5      | 14.5      | 3622 14 62 | 57.5    | 33       | 29.5     | 0.022 |
| 14        | 14        | 16        | 3622 14 14 | 59.5    | 35       | 29.5     | 0.023 |

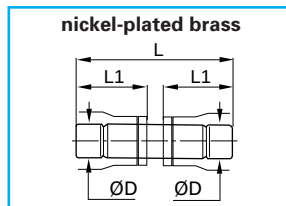
## 3120 double male union — fractional inch



| ØD<br>in |                | L<br>in | L1<br>in | oz  |
|----------|----------------|---------|----------|-----|
| 5/32     | 3120 04 00     | 1.36    | .47      | .04 |
| 3/16     | 3120 55 00 85* | 1.24    | .57      | .12 |
| 1/4      | 3120 56 00     | 1.52    | .57      | .03 |
| 5/16     | 3120 08 00     | 1.61    | .73      | .07 |
| 3/8      | 3120 60 00     | 2.03    | .81      | .07 |
| 1/2      | 3120 62 00 85* | 2.13    | .86      | .46 |

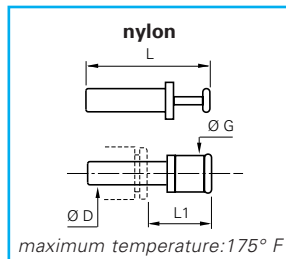
\*nickel-plated brass

## 3620 double male union — metric



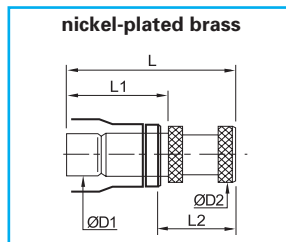
| ØD<br>mm |            | L<br>mm | L1<br>mm | kg   |
|----------|------------|---------|----------|------|
| 4        | 3620 04 00 | 31      | 14       | .002 |
| 6        | 3620 06 00 | 36.5    | 17       | .005 |
| 8        | 3620 08 00 | 37.5    | 17.5     | .007 |
| 10       | 3620 10 00 | 47.5    | 22.5     | .010 |
| 12       | 3620 12 00 | 49.5    | 23.5     | .014 |
| 14       | 3620 14 00 | 53      | 25       | .017 |

## 3126 plug — fractional inch



| ØD<br>in |            | G<br>in | L<br>in | L1<br>in | oz  |
|----------|------------|---------|---------|----------|-----|
| 1/8      | 3126 53 00 | .24     | 1.30    | .85      | .05 |
| 5/32     | 3126 04 00 | .16     | 1.18    | .61      | .04 |
| 3/16     | 3126 55 00 | .27     | 1.36    | .79      | .06 |
| 1/4      | 3126 56 00 | .32     | 1.44    | .87      | .06 |
| 5/16     | 3126 08 00 | .39     | 1.38    | .69      | .07 |
| 3/8      | 3126 60 00 | .46     | 1.67    | .87      | .10 |
| 1/2      | 3126 62 00 | .58     | 1.91    | .85      | .18 |

## 3626 plug — metric



| ØD1<br>mm | ØD2<br>mm |            | L<br>mm | L1<br>mm | L2<br>mm | kg   |
|-----------|-----------|------------|---------|----------|----------|------|
| 4         | 6         | 3626 04 00 | 25.5    | 17       | 11.5     | .004 |
| 6         | 8         | 3626 06 00 | 30.5    | 19.5     | 13.5     | .009 |
| 8         | 10        | 3626 08 00 | 33      | 20       | 16       | .010 |
| 10        | 12        | 3626 10 00 | 40      | 25       | 18       | .015 |
| 12        | 14        | 3626 12 00 | 43      | 26       | 20       | .025 |
| 14        | 16        | 3626 14 00 | 47      | 28       | 22.5     | .029 |