

# LF 3000® Push-In Fittings / Stud Fittings

## Technical Characteristics

- **Compatible Fluids:** Compressed air  
Other fluids: please consult us
- **Working Pressure:** Vacuum to 20 bar
- **Working Temperature:** -20°C to +80°C

| Tightening Torque (daN.m) | Threads |         |       |        |          |      |      |      |      |
|---------------------------|---------|---------|-------|--------|----------|------|------|------|------|
|                           | M3 x0.5 | M5 x0.8 | M7 x1 | M10 x1 | M12 x1.5 | G1/8 | G1/4 | G3/8 | G1/2 |
|                           | 0.06    | 0.16    | 0.8   | 0.8    | 1.1      | 0.8  | 1.2  | 3    | 3.5  |

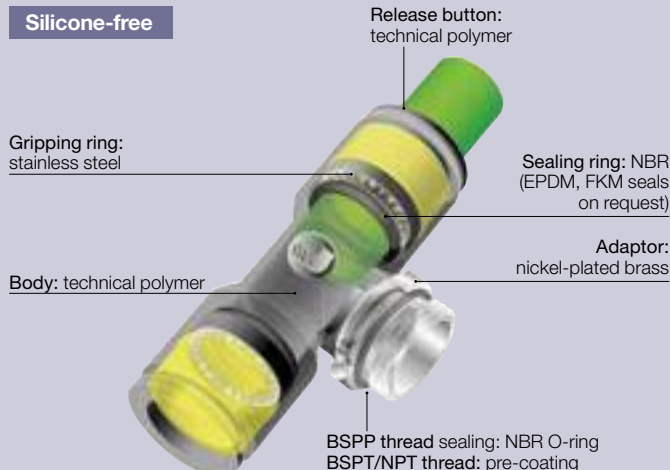
Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

## Advantages

- Robust, lightweight, compact to build your pneumatic circuits
- Full flow connections to optimize flow rates
- Use in vacuum as well as in compressed air
- Customised products upon request. Please, contact us.

## Component Materials

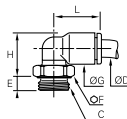


## Regulations

- ISO 14743
- PED
- RoHS
- REACH

## 3199 Stud Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR



| ØD | C       |                    | E   | F  | G    | H    | L    | Kg    |
|----|---------|--------------------|-----|----|------|------|------|-------|
| 3  | M3x0.5  | <b>3199 03 09*</b> | 2.5 | 8  | 8.5  | 15   | 14.5 | 0.003 |
|    | M5x0.8  | <b>3199 03 19</b>  | 3.5 | 8  | 8.5  | 13.5 | 14.5 | 0.003 |
|    | M3x0.5  | <b>3199 04 09*</b> | 2.5 | 8  | 8.5  | 15   | 14.5 | 0.003 |
|    | M5x0.8  | <b>3199 04 19</b>  | 3.5 | 8  | 8.5  | 13.5 | 14   | 0.002 |
| 4  | M7x1    | <b>3199 04 55</b>  | 4.5 | 10 | 8.5  | 15   | 14   | 0.005 |
|    | G1/8    | <b>3199 04 10</b>  | 5   | 13 | 8.5  | 13   | 14   | 0.006 |
|    | G1/4    | <b>3199 04 13</b>  | 5.5 | 16 | 8.5  | 13   | 14   | 0.011 |
|    | M5x0.8  | <b>3199 06 19</b>  | 3.5 | 8  | 10.5 | 15.5 | 16   | 0.003 |
|    | M7x1    | <b>3199 06 55</b>  | 4.5 | 10 | 10.5 | 17.5 | 16   | 0.006 |
|    | M10x1   | <b>3199 06 60</b>  | 5   | 13 | 10.5 | 15   | 14   | 0.006 |
| 6  | M12x1.5 | <b>3199 06 67</b>  | 5.5 | 15 | 10.5 | 15   | 16   | 0.009 |
|    | G1/8    | <b>3199 06 10</b>  | 5   | 13 | 10.5 | 15   | 16   | 0.006 |
|    | G1/4    | <b>3199 06 13</b>  | 5.5 | 16 | 10.5 | 15   | 16   | 0.011 |
|    | G3/8    | <b>3199 06 17</b>  | 5.5 | 20 | 10.5 | 15.5 | 16   | 0.022 |
|    | G1/2    | <b>3199 06 21</b>  | 7   | 24 | 10.5 | 16   | 16   | 0.027 |
|    | M10x1   | <b>3199 08 60</b>  | 5   | 13 | 13.5 | 20.5 | 23   | 0.009 |
|    | M12x1.5 | <b>3199 08 67</b>  | 5.5 | 15 | 13.5 | 18   | 23   | 0.009 |
|    | G1/8    | <b>3199 08 10</b>  | 4.5 | 13 | 13.5 | 20.5 | 23   | 0.009 |
| 8  | G1/4    | <b>3199 08 13</b>  | 5.5 | 16 | 13.5 | 18.5 | 23   | 0.012 |
|    | G3/8    | <b>3199 08 17</b>  | 5.5 | 20 | 13.5 | 18.5 | 23   | 0.017 |
|    | G1/2    | <b>3199 08 21</b>  | 7   | 24 | 13.5 | 19   | 23   | 0.027 |
|    | G1/4    | <b>3199 10 13</b>  | 5.5 | 16 | 16   | 23.5 | 26.5 | 0.014 |
|    | G3/8    | <b>3199 10 17</b>  | 5.5 | 20 | 16   | 22   | 26.5 | 0.017 |
|    | G1/2    | <b>3199 10 21</b>  | 7   | 24 | 16   | 22   | 26.5 | 0.026 |
| 10 | G1/4    | <b>3199 12 13</b>  | 5.5 | 16 | 19   | 26.5 | 31   | 0.016 |
|    | G3/8    | <b>3199 12 17</b>  | 5.5 | 20 | 19   | 25   | 31   | 0.019 |
| 12 | G1/2    | <b>3199 12 21</b>  | 7   | 24 | 19   | 25   | 31   | 0.029 |
|    | G3/8    | <b>3199 14 17</b>  | 5.5 | 20 | 22   | 32.5 | 35.5 | 0.029 |
| 14 | G1/2    | <b>3199 14 21</b>  | 7   | 24 | 22   | 27   | 35.5 | 0.028 |
|    | G3/8    | <b>3199 16 17</b>  | 7.5 | 27 | 27   | 54.5 | 39   | 0.101 |
| 16 | G1/2    | <b>3199 16 21</b>  | 9   | 27 | 27   | 54.5 | 39   | 0.097 |

The body swivels for positioning purposes.  
\*Bi-material seal

DYSTRYBUTOR PARKER PREMIUM

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