

# LIQUIfit® Push-in Fittings with Metal Adaptor



Made of nickel-plated brass or stainless steel, the metal base reinforces the installation of the fitting.

Ø metric:  
4 to 16 mm

## Technical Characteristics

- Compatible Fluids:** Water, beverages, industrial fluids:  
stainless steel threads  
Industrial fluids: FDA chemical nickel-plated brass threads
- Working Pressure:** Vacuum to 16 bar
- Working Temperature:** -10°C to +130°C (up to 10 bar) for full metal parts  
-10°C to +95°C for polymer with metal adaptors

## Tightening Torques (BSPP)

Thread	M5 X0.8	G1/8	G1/4	G3/8	G1/2
daN.m	0.16	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

- Increased mechanical resistance to tightening
- Compliance with NSF standard in stainless steel version
- Chemical and mechanical resistance, at high temperature
- Bisphenol and phthalate-free

## Regulations

- RoHS**
- REACH**
- FDA: 21 CFR**
- ICIM**
- 1935/2004** (stainless steel only)
- NSF 51** (stainless steel only)

## Component Materials

### Silicone-free

Body:  
bio-based polymer

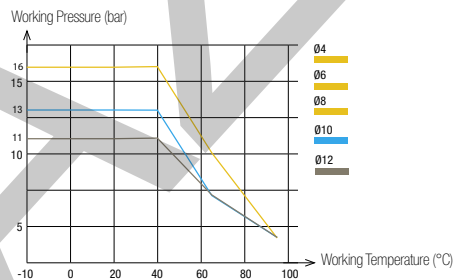
Adaptor:  
stainless steel  
316L or FDA  
chemical nickel-  
plated brass

Grey release button:  
technical polymer

Gripping ring:  
stainless steel

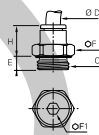
Seals: EPDM

## Performance



## 6911 Stud Fitting, Male BSPP and Metric Thread

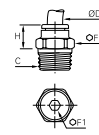
Stainless steel 316L, EPDM



ØD	C		E	F	F1	H	Kg
4	M5x0.8	<b>6911 04 19</b>	3	10	2.5	14	0.006
	G1/8	<b>6911 04 10</b>	4.5	13	3	11.5	0.007
	G1/4	<b>6911 04 13</b>	5.5	16	3	10.5	0.011
6	M5x0.8	<b>6911 06 19</b>	3	11	2.5	16	0.005
	G1/8	<b>6911 06 10</b>	4.5	13	4	13	0.007
	G1/4	<b>6911 06 13</b>	5.5	16	4	12.5	0.011
8	G1/8	<b>6911 08 10</b>	4.5	13	5	20.5	0.011
	G1/4	<b>6911 08 13</b>	5.5	16	6	19.5	0.016
	G3/8	<b>6911 08 17</b>	5.5	21	6	18	0.022
10	G1/4	<b>6911 10 13</b>	5.5	16	7	23	0.018
	G3/8	<b>6911 10 17</b>	5.5	21	8	19.5	0.021
	G1/2	<b>6911 10 21</b>	7	24	8	18	0.033
12	G3/8	<b>6911 12 17</b>	5.5	21	9	27	0.029
	G1/2	<b>6911 12 21</b>	7	24	10	22.5	0.035
	G3/8	<b>6911 16 17</b>	7.5	27	9	32.5	0.060
16	G1/2	<b>6911 16 21</b>	9	27	12	32.5	0.063
	G3/4	<b>6911 16 27</b>	7.5	32	12	32.5	0.096

## 6975 Stud Fitting, Male BSPT Thread

Stainless steel 316L, EPDM



ØD	C		F	F1	H	Kg
4	R1/8	<b>6975 04 10</b>	10	3	9.5	0.005
	R1/4	<b>6975 04 13</b>	14	3	6.5	0.012
6	R1/8	<b>6975 06 10</b>	10	4	11.5	0.005
	R1/4	<b>6975 06 13</b>	14	4	8.5	0.011
8	R1/8	<b>6975 08 10</b>	13	5	20	0.011
	R1/4	<b>6975 08 13</b>	14	6	17	0.014
10	R3/8	<b>6975 08 17</b>	17	6	13	0.021
	R1/4	<b>6975 10 13</b>	16	7	20	0.017
12	R3/8	<b>6975 10 17</b>	17	8	16.5	0.019
	R1/2	<b>6975 10 21</b>	21	8	14	0.037
16	R3/8	<b>6975 12 17</b>	19	9	24	0.028
	R1/2	<b>6975 12 21</b>	21	10	19.5	0.036