Push-in fittings in 316 steel (1)

AISI 316 steel fittings

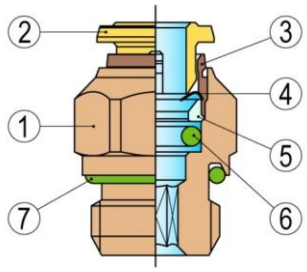
Pneumatic push-in fittings made entirely of AISI 316L stainless steel for use in corrosive environments

Material: AISI 316L steel
Working pressure: 20 bar
Vacuum: 0.99 bar
Working temperature: from -15°C to +190°C
Seal: viton

High-quality push-in fittings, made entirely of AISI 316L steel. The absence of plastic parts and the use of-seals of Viton ensure high resistance to corrosive agents and chemical substances. They are used in the chemical, food, pharmaceutical, electronics and medical industries. Silicone-free. Compliant with REACH regulations and RoHS.

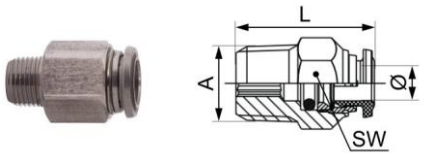
They meet food-contact requirements: European 1935/2004/EC and 2023/2006/EC (GMP), Italian D.M. 21/03/173 and D.M. 174/2004 (simulants A, C and D) and American NSF/ANSI 169. *For more information on food requirements – see the "INDUSTRIAL HOSES" section, chapter "Hoses for food substances".*

Construction:



1. Body: AISI 316L
2. Release sleeve: AISI 316L
3. Protective sleeve: AISI 316L
4. Locking ring: AISI 316L
5. Retaining ring: PTFE (Teflon)
6. Seal: viton
7. Thread seal: viton (O-ring)

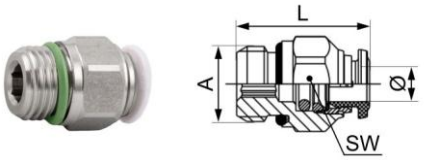
Straight fitting, male thread BSPT



60000

index	outer dia. hose Ø [mm]	thread A [inch]	L [mm]	SW [mm]
AI-60000-04-02	4	1/8”	19	10
AI-60000-04-04	4	1/4”	23	14
AI-60000-06-02	6	1/8”	22,5	13
AI-60000-06-04	6	1/4”	24,5	14
AI-60000-08-02	8	1/8”	25,5	14
AI-60000-08-04	8	1/4”	25	14
AI-60000-10-04	10	1/4”	30,5	17
AI-60000-10-06	10	3/8”	28	17
AI-60000-12-06	12	3/8”	33,5	21
AI-60000-12-08	12	1/2”	32	22

Straight fitting, male thread BSP / metric (O-ring)



60020

index	outer dia. hose Ø [mm]	thread A [inch/mm]	L [mm]	SW [mm]
AI-60020-04-M5	4	M5	20	10
AI-60020-04-02	4	1/8”	19,5	10
AI-60020-04-04	4	1/4”	19,5	15
AI-60020-06-M5	6	M5	23	12
AI-60020-06-02	6	1/8”	23,5	13
AI-60020-06-04	6	1/4”	23,5	15
AI-60020-08-02	8	1/8”	25,5	14
AI-60020-08-04	8	1/4”	23,5	15
AI-60020-10-04	10	1/4”	30	17
AI-60020-10-06	10	3/8”	27	17
AI-60020-10-08	10	1/2”	30	22
AI-60020-12-06	12	3/8”	34	21
AI-60020-12-08	12	1/2”	21	22
AI-60020-14-08	14	1/2”	32	22
AI-60020-16-06	16	3/8”	36	24
AI-60020-16-08	16	1/2”	37	25