

 60005 Pag. 4.5	 60020 Pag. 4.5	 60111X Pag. 4.5	 60115X Pag. 4.5	 60211X Pag. 4.6	 60215X Pag. 4.6	 60040 Pag. 4.6	 60050 Pag. 4.6	 60130X Pag. 4.7
 60230X Pag. 4.7	 60310X Pag. 4.7	 62541 Pag. 4.7	 60871 Pag. 4.8	 60876 Pag. 4.8				

STAINLESS STEEL PUSH-TO-CONNECT FITTINGS



60 Series



TECHNICAL CHARACTERISTICS



Standard Reference

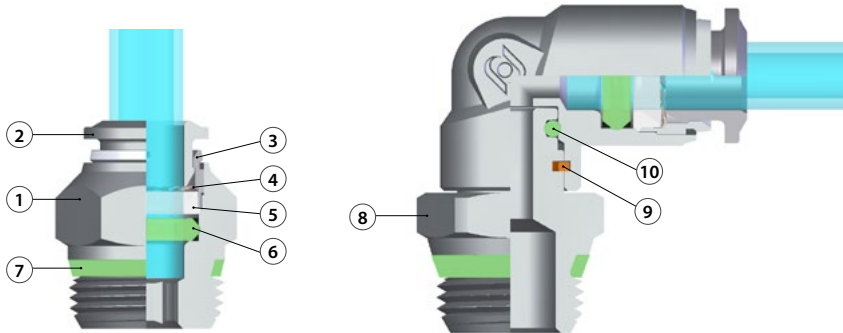
1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE



Component Parts and Materials

- 1 AISI 316L Steel Body
- 2 AISI 316L Steel Collet
- 3 AISI 316L Steel Capsule
- 4 AISI 316L Steel Clamping washer
- 5 PPSU Safety ring
- 6 Food FKM molded seal
- 7 Food FKM Thread packing
- 8 Base Threaded AISI 316L Steel
- 9 Seeger
- 10 Food FKM molded seal



Pressure Rating

Vacuum ~ 290 PSI
-0.99 bar ~ 20 bar
-0.099 MPa ~ 2.0 MPa



Temperatures Rating

NBR 5° F ~ 392° F
 -15° C ~ 200° C



Media

- Compressed Air
- Vacuum
- Water
- Steam



Tubing Compatibility

Nylon 6 - 11 - 12
Polyethylene
Polyurethane ("98 Shore A for best result)
PTFE
FEP



SWIFFFIT
Universal thread

One fitting... Endless possibilities

NPT
NPTF
TAPERED

ISO 7
BSPP - PF
PARALLELL

ISO 7
BSPT - PT
TAPERED

ISO 228
BSP
PARALLELL



INCLINED

CONCAVE

CONVEX

Torque Specifications

Recommended Torque		
Thread Size	Min.	Max.
1/8	5 Nm	7 Nm
1/4	5 Nm	7 Nm
3/8	5 Nm	7 Nm
1/2	5 Nm	7 Nm

All SWIFFFIT fittings have been equipped with threads and an NBR thread seal that will universally connect to all thread types.
Our SWIFFFIT universal fittings also work on non-flat surfaces without compromising its air-tight seal.



UNF Threads

Standard USA design

Designed for use in UNF connections with an integrated NBR o-ring that provides a perfect seal

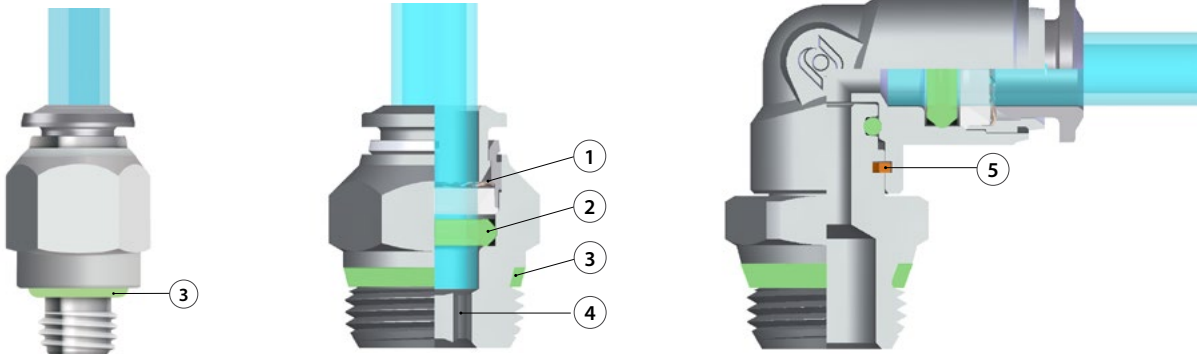


UNF Torque Specifications

Recommended Torque		
Thread Size	Min.	Breaking Torque
10/32	0.8 Nm	3.2 Nm



Advantages

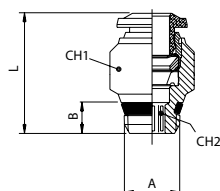


Advantages

- 1 The washer is made in stainless steel ensures the perfect tube clamping with every Kinds of materials without damage the surface. The connection between the tube and the fitting ensure a total tightness even in severe conditions such as impact and vibrations.
- 2 The particular geometric shape of the seal ensure the perfect tightness even with vacuum.
- 3 All of threads from this range have been equipped with tightening parts which allow the direct assembly of the fittings, reducing the installation time.
- 4 All the straight fittings can be assembled also with Allen wrench and it is possible to use them in reduced spaces.
- 5 Orienting fitting with safety ring Inside. Improved durability to the rotation and traction.

60005

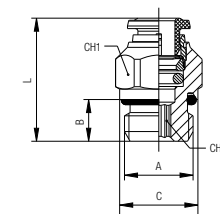
STRAIGHT MALE



Code	Usa Ref	Tube	A	B	L	CH1	CH2	Pack
60005 00 001	60000-53-02	5/32 (4)	1/8	.216 (5,5)	.708 (18)	.472 (12)	.118 (3)	10
60005 00 002	60000-53-04	5/32 (4)	1/4	.275 (7)	.728 (18,5)	.591 (15)	.118 (3)	10
60005 00 051	60000-04-02	1/4	1/8	.216 (5,5)	.846 (21,5)	.511 (13)	.157 (4)	10
60005 00 052	60000-04-04	1/4	1/4	.275 (7)	.807 (20,5)	.591 (15)	.157 (4)	10
60005 00 003	60000-05-02	5/16 (8)	1/8	.216 (5,5)	.944 (24)	.551 (14)	.196 (5)	10
60005 00 004	60000-05-04	5/16 (8)	1/4	.275 (7)	.846 (21,5)	.591 (15)	.236 (6)	10
60005 00 053	60000-06-04	3/8	1/4	.275 (7)	1.082 (27,5)	.669 (17)	.275 (7)	10
60005 00 054	60000-06-06	3/8	3/8	.295 (7,5)	1.003 (25,5)	.669 (17)	.314 (8)	10
60005 00 057	60000-06-08	3/8	1/2	.354 (9)	1.003 (25,5)	.826 (21)	.314 (8)	10
60005 00 055	60000-08-06	1/2	3/8	.295 (7,5)	1.220 (31)	.886 (20)	.354 (9)	10
60005 00 056	60000-08-08	1/2	1/2	.354 (9)	1.220 (31)	.826 (21)	.393 (10)	10

60005

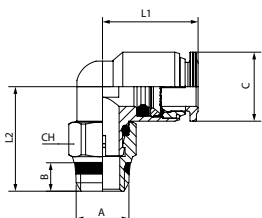
STRAIGHT MALE



Code	Usa Ref	Tube	A	B	L	CH1	CH2	C	Pack
60020 00 050	60000-53-32	5/32 (4)	10/32	.157 (4)	.826 (21)	.393 (10)	.078 (2)	.314 (8)	10
60020 00 051	60000-04-32	1/4	10/32	.157 (4)	.906 (23)	.472 (12)	.078 (2)	.472 (12)	10

60111X

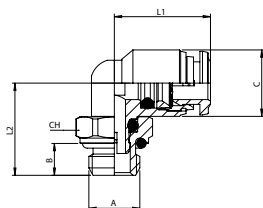
SWIVEL ELBOW



Code	Usa Ref	Tube	A	B	C	L1	L2	CH	Pack
60111 X0 001	60111X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	0,61 (15,5)	0,61 (15,5)	0,433 (11)	10
60111 X0 002	60111X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	0,61 (15,5)	0,689 (17,5)	0,591 (15)	10
60111 X0 051	60111X-04-02	1/4	1/8	0,217 (5,5)	0,492 (12,5)	0,709 (18)	0,669 (17)	0,433 (11)	10
60111 X0 052	60111X-04-04	1/4	1/4	0,276 (7)	0,492 (12,5)	0,709 (18)	0,748 (19)	0,591 (15)	10
60111 X0 003	60111X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,472 (12)	10
60111 X0 004	60111X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	0,787 (20)	0,846 (21,5)	0,591 (15)	10
60111 X0 053	60111X-06-04	3/8	1/4	0,276 (7)	0,669 (17)	0,925 (23,5)	1,004 (25,5)	0,591 (15)	10
60111 X0 054	60111X-06-06	3/8	3/8	0,295 (7,5)	0,669 (17)	0,925 (23,5)	0,925 (23,5)	0,669 (17)	10
60111 X0 055	60111X-06-08	3/8	1/2	0,354 (9)	0,669 (17)	0,925 (23,5)	1,063 (27)	0,827 (21)	10
60111 X0 056	60111X-08-06	1/2	3/8	0,295 (7,5)	0,807 (20,5)	1,083 (27,5)	1,024 (26)	0,669 (17)	10
60111 X0 057	60111X-08-08	1/2	1/2	0,354 (9)	0,807 (20,5)	1,083 (27,5)	1,063 (27)	0,827 (21)	10

60111X

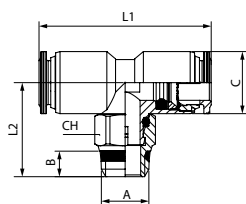
SWIVEL ELBOW



Code	Usa Ref	Tube	A	B	C	L1	L2	CH	Pack
60115 X0 050	60115X-53-32	5/32 (4)	10/32	0,157 (4)	0,394 (10)	0,61 (15,5)	0,63 (16)	0,315 (8)	10

60211X

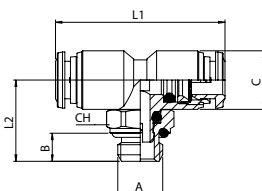
SWIVEL BRANCH TEE



Code	Usa Ref	Tube	A	B	C	L1	L2	CH	Pack
60211 X0 001	60211X-53-02	5/32 (4)	1/8	0,217 (5,5)	0,394 (10)	1,201 (30,5)	0,61 (15,5)	0,433 (11)	10
60211 X0 002	60211X-53-04	5/32 (4)	1/4	0,276 (7)	0,394 (10)	1,201 (30,5)	0,689 (17,5)	0,591 (15)	10
60211 X0 051	60211X-04-02	1/4	1/8	0,217 (5,5)	0,492 (12,5)	1,417 (36)	0,669 (17)	0,433 (11)	10
60211 X0 052	60211X-04-04	1/4	1/4	0,276 (7)	0,492 (12,5)	1,417 (36)	0,748 (19)	0,591 (15)	10
60211 X0 003	60211X-05-02	5/16 (8)	1/8	0,217 (5,5)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,472 (12)	10
60211 X0 004	60211X-05-04	5/16 (8)	1/4	0,276 (7)	0,571 (14,5)	1,575 (40)	0,846 (21,5)	0,591 (15)	10
60211 X0 053	60211X-06-04	3/8	1/4	0,276 (7)	0,669 (17)	1,85 (47)	1,004 (25,5)	0,591 (15)	10
60211 X0 054	60211X-06-06	3/8	3/8	0,295 (7,5)	0,669 (17)	1,85 (47)	0,925 (23,5)	0,669 (17)	10
60211 X0 055	60211X-06-08	3/8	1/2	0,354 (9)	0,669 (17)	1,85 (47)	1,063 (27)	0,827 (21)	10
60211 X0 056	60211X-08-06	1/2	3/8	0,295 (7,5)	0,807 (20,5)	2,165 (55)	1,024 (26)	0,669 (17)	10
60211 X0 057	60211X-08-08	1/2	1/2	0,354 (9)	0,807 (20,5)	2,165 (55)	1,063 (27)	0,827 (21)	10

60211X

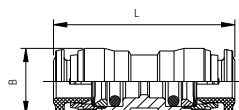
SWIVEL BRANCH TEE



Code	Usa Ref	Tube	A	B	C	L1	L2	CH	Pack
60215 X0 050	60215X-53-32	5/32 (4)	10/32	0,157 (4)	0,394 (10)	1,201 (30,5)	0,63 (16)	0,315 (8)	10

60040

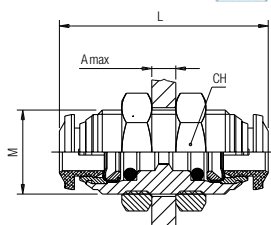
UNION



Code	Usa Ref	Tube	L	B	Pack
60040 00 001	60040-53	5/32 (4)	1.220 (31)	.393 (10)	10
60040 00 051	60040-04	1/4	1.377 (35)	.492 (12,5)	10
60040 00 003	60040-05	5/16 (8)	1.437 (36,5)	.570 (14,5)	10
60040 00 052	60040-06	3/8	1.653 (42)	.688 (17,5)	10
60040 00 053	60040-08	1/2	1.889 (48)	.807 (20,5)	10

60050

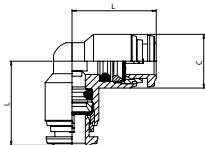
BULKHEAD CONNECTOR



Code	Usa Ref	Tube	M	L	CH	A max	Pack.
60050 00 001	60050-53	5/32 (4)	M12x1	1.220 (31)	.669 (17)	.275 (7)	5
60050 00 051	60050-04	1/4	M14x1	1.377 (35)	.669 (17)	.354 (9)	5
60050 00 003	60050-05	5/16 (8)	M16x1	1.456 (37)	.748 (19)	.413 (10,5)	5
60050 00 052	60050-06	3/8	M20x1	1.653 (42)	1.023 (26)	.492 (12,5)	2
60050 00 053	60050-08	1/2	M22x1	1.889 (48)	1.023 (26)	.650 (16,5)	2

60130X

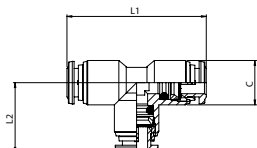
UNION ELBOW



Code	Usa Ref	Tube	C	L	Pack
60130 X0 001	60130X-53	5/32 (4)	0,394 (10)	0,63 (16)	10
60130 X0 051	60130X-04	1/4	0,492 (12,5)	0,768 (19,5)	10
60130 X0 003	60130X-05	5/16 (8)	0,571 (14,5)	0,827 (21)	10
60130 X0 052	60130X-06	3/8	0,669 (17)	0,098 (2,5)	10
60130 X0 053	60130X-08	1/2	0,807 (20,5)	1,142 (29)	10

60230X

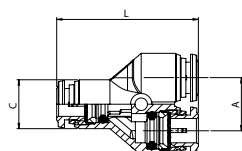
UNION TEE



Code	Usa Ref	Tube	C	L1	L2	Pack
60230 X0 001	60230X-53	5/32 (4)	0,394 (10)	1,26 (32)	0,63 (16)	10
60230 X0 051	60230X-04	1/4	0,492 (12,5)	1,535 (39)	0,768 (19,5)	10
60230 X0 003	60230X-05	5/16 (8)	0,571 (14,5)	1,654 (42)	0,827 (21)	10
60230 X0 052	60230X-06	3/8	0,669 (17)	1,929 (49)	0,965 (24,5)	10
60230 X0 053	60230X-08	1/2	0,807 (20,5)	2,264 (57,5)	1,142 (29)	10

60310X

UNION TEE

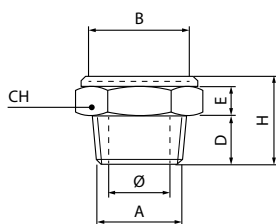


Code	Usa Ref	Tube	A	C	L	Pack
60310 X0 001	60310X-53	5/32 (4)	.433 (11)	.394 (10)	1.22 (31)	10
60310 X0 003	60310X-05	5/16 (8)	.61 (15.5)	.571 (14.5)	1.575 (40)	10

62541

SILENCER WITH MICRO GRID OF STAINLESS STEEL

NPT



Code	Usa Ref	A (NPT)	Ø	B	D	E	H	CH	Pack.
62541 00 001	62541-02	1/8	.236 (6)	.354 (9)	.276 (7)	.157 (4)	.551 (14)	.551 (14)	10
62541 00 002	62541-04	1/4	.315 (8)	.511 (13)	.433 (11)	.157 (4)	.709 (18)	.669 (17)	10
62541 00 003	62541-06	3/8	.472 (12)	.709 (18)	.433 (11)	.197 (5)	.709 (18)	.866 (22)	10
62541 00 004	62541-08	1/2	.591 (15)	.886 (22.5)	.591 (15)	.276 (7)	.984 (25)	1.063 (27)	10
62541 00 005	62541-12	3/4	.787 (20)	1.102 (28)	.630 (16)	.354 (9)	1.063 (27)	1.260 (32)	10
62541 00 006	62541-16	1	1.024 (26)	1.339 (34)	.748 (19)	.433 (11)	1.260 (32)	1.614 (41)	10

	min	max
Temperature	- 58 °F	+ 752 °F
Pressure		10 bar
Filtration threshold		70 µm

60871

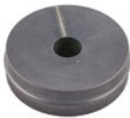
TUBE ENGRAVER



Code	Usa Ref	Ø	Pack.																		
60871 00 001	60871	4 - 16	1																		
Clamping point dimensions on metellic tubes for push-in fittings																					
			<table><tr><th>Ø</th><th>A</th></tr><tr><td colspan="2">50000 - 55000 - 60000</td></tr><tr><td>4</td><td>6.2</td></tr><tr><td>6</td><td>7</td></tr><tr><td>8</td><td>8</td></tr><tr><td>10</td><td>9</td></tr><tr><td>12</td><td>10.2</td></tr><tr><td>14</td><td>9</td></tr><tr><td>16</td><td>11</td></tr></table>	Ø	A	50000 - 55000 - 60000		4	6.2	6	7	8	8	10	9	12	10.2	14	9	16	11
Ø	A																				
50000 - 55000 - 60000																					
4	6.2																				
6	7																				
8	8																				
10	9																				
12	10.2																				
14	9																				
16	11																				

60876

SPARE BLADE 60871



Code	Usa Ref	Pack.
60876 00 01 00 00	60876	1