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STAINLESS STEEL PUSH-TO-CONNECT FITTINGS



60 Series



TECHNICAL CHARACTERISTICS



Standard Reference

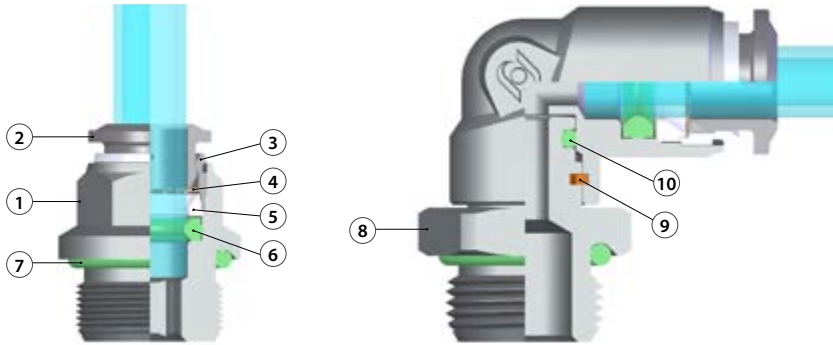
1907/2006
REACH ✓

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



One fitting... Endless possibilities

NPT
NPTF
TAPERED

ISO 7
BSPP
PARALLELL

ISO 7
BSPT - PT
TAPERED

ISO 228
BSP - PF
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 **SWIFTFIT** fittings have been equipped with threads and an NBR thread seal that will universally connect to all thread types.
Our **SWIFTFIT** 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

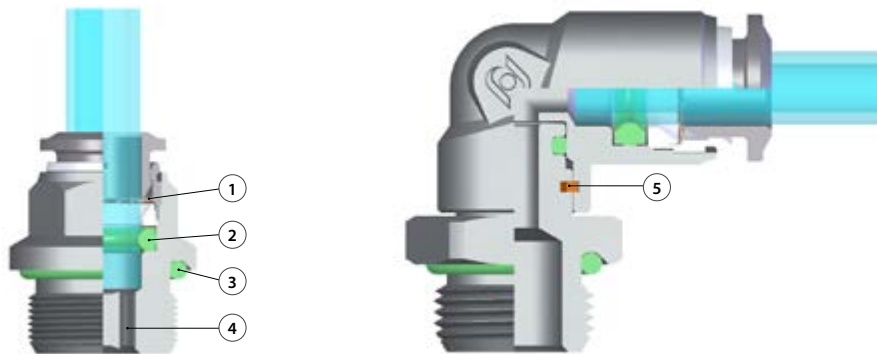


UNF Torque Specifications

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



Advantages

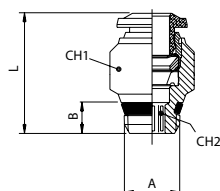


Advantages

- 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.

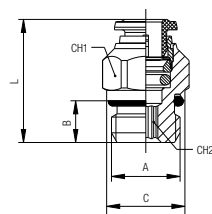
60005

STRAIGHT MALE



* For part numbers with 10-32 threads
60020

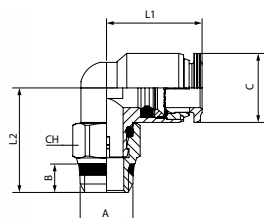
UNF



Code	Part No.	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
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
*60020 00 051	*60000-04-32	1/4	10/32	.157 (4)	.906 (23)	.472 (12)	.078 (2)	.472 (12)	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

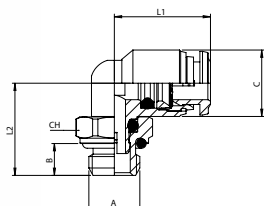
60111X

Swivel Elbow



* For part numbers with 10-32 threads
60115X

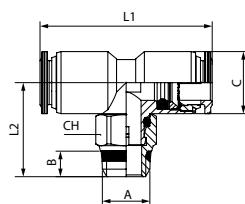
UNF



Code	Part No.	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
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

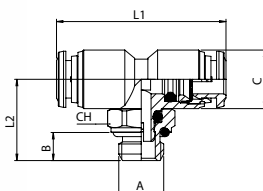
60211X

Swivel Branch Tee



* For part numbers with 10-32 threads
60215X

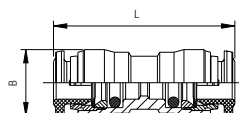
UNF



Code	Part No.	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
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

60040

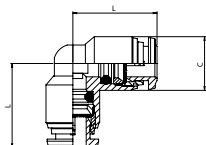
UNION



Code	Part No.	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

60130X

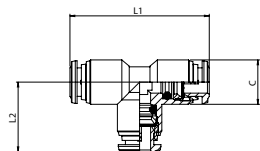
Union Elbow



Code	Part No.	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

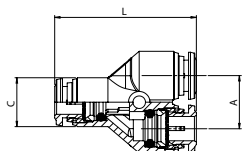
UNION TEE



Code	Part No.	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	Part No.	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

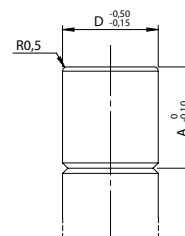
60871

TUBE ENGRAVER



Code	Usa Ref	Ø	Pack.
60871 00 001	60871	4 - 16	1

Clamping point dimensions on metallic tubes for push-in fittings



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

