

								
89000 Pag. 3.5	89000 Pag. 3.5	89010 Pag. 3.5	89030 Pag. 3.5	89040 Pag. 3.6	89050 Pag. 3.6	89055 Pag. 3.6	89106 Pag. 3.6	89111 Pag. 3.7
								
89116 Pag. 3.7	89130 Pag. 3.7	89211 Pag. 3.8	89216 Pag. 3.8	89223 Pag. 3.8	89226 Pag. 3.9	89230 Pag. 3.9	89310 Pag. 3.9	89500 Pag. 3.10
								
81410 Pg. 3.11	81420 Pg. 3.11	81430 Pg. 3.11	88610 Pag. 3.11	89700 Pag. 3.12	50980 Pag. 3.12	50990 Pag. 3.12	50006 Pag. 3.12	

METALLIC PUSH-TO-CONNECT FITTINGS



89 Series



TECHNICAL CHARACTERISTICS



Standard Reference

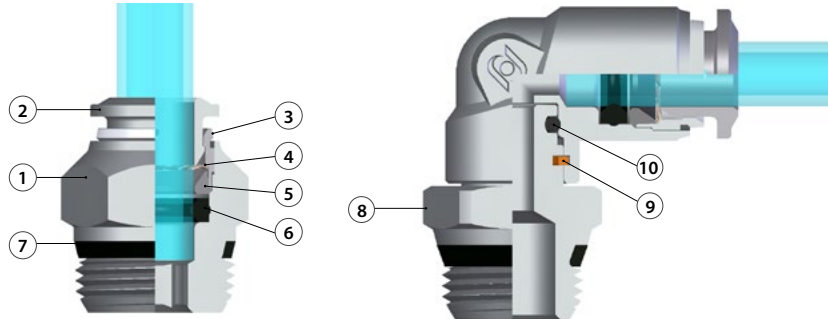
1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE



Component Parts and Materials

- 1 Nickel-plated brass Body
- 2 Nickel-plated brass Collet
- 3 Nickel-plated brass Capsule
- 4 Steel AISI 301 Clamping washer
- 5 Technopolymeric positioning ring
- 6 NBR Molded seal (if requested FKM - EPDM)
- 7 NBR Thread packing (if requested FKM - EPDM)
- 8 Base Threaded Nickel Plated Brass
- 9 Seeger
- 10 NBR seal (if requested FKM - EPDM)



Pressure Rating

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



Temperatures Rating

NBR -4° F ~ 176° F
-20° C ~ 80° C



Media

- Compressed Air
- Vacuum
- Water
- Steam (FKM required)



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 - 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 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

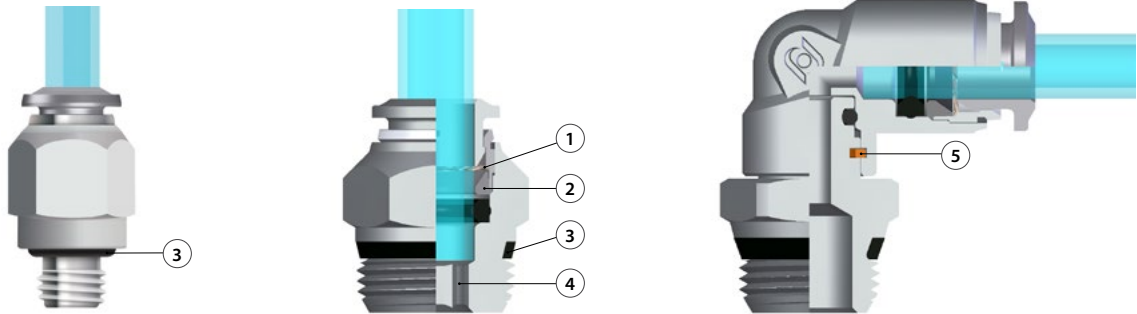


Torque Specifications

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



Advantages

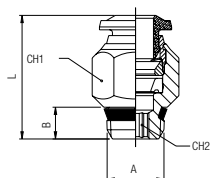


Advantages

- 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.

89000

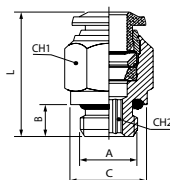
STRAIGHT MALE



Code	Usa Ref	Tube	A	B	C	L	CH1	CH2	Pack
89000 00 001	89000-02-02	1/8	1/8	.217 (5,5)	-	.650 (16,5)	.433 (11)	.079 (2)	10
89000 00 002	89000-02-04	1/8	1/4	.276 (7)	-	.728 (18,5)	.433 (11)	.079 (2)	10
89000 00 003	89000-53-02	5/32 (4)	1/8	.217 (5,5)	-	.709 (18)	.433 (11)	.118 (3)	10
89000 00 004	89000-53-04	5/32 (4)	1/4	.276 (7)	-	.748 (19)	.551 (14)	.118 (3)	10
89000 00 005	89000-04-02	1/4	1/8	.217 (5,5)	-	.846 (21,5)	.512 (13)	.157 (4)	10
89000 00 006	89000-04-04	1/4	1/4	.276 (7)	-	.807 (20,5)	.551 (14)	.157 (4)	10
89000 00 007	89000-04-06	1/4	3/8	.295 (7,5)	-	.905 (23)	.669 (17)	.157 (4)	10
89000 00 008	89000-05-02	5/16 (8)	1/8	.217 (5,5)	-	.965 (24,5)	.551 (14)	.197 (5)	10
89000 00 009	89000-05-04	5/16 (8)	1/4	.276 (7)	-	.866 (22)	.551 (14)	.236 (6)	10
89000 00 010	89000-05-06	5/16 (8)	3/8	.295 (7,5)	-	.906 (23)	.669 (17)	.236 (6)	10
89000 00 022	89000-05-08	5/16 (8)	1/2	.354 (9)	-	.925 (23,5)	.827 (21)	.236 (6)	10
89000 00 011	89000-06-02	3/8	1/8	.217 (5,5)	-	1.082 (27,5)	.669 (17)	.236 (6)	10
89000 00 012	89000-06-04	3/8	1/4	.276 (7)	-	1.082 (27,5)	.669 (17)	.197 (5)	10
89000 00 013	89000-06-06	3/8	3/8	.295 (7,5)	-	1.023 (25,5)	.669 (17)	.276 (7)	10
89000 00 014	89000-06-08	3/8	1/2	.354 (9)	-	1.023 (25,5)	.827 (21)	.276 (7)	10
89000 00 015	89000-08-02	1/2	1/8	.217 (5,5)	-	1.260 (32)	.787 (20)	.197 (5)	10
89000 00 016	89000-08-04	1/2	1/4	.276 (7)	-	1.222 (31)	.787 (20)	.276 (7)	10
89000 00 017	89000-08-06	1/2	3/8	.295 (7,5)	-	1.222 (31)	.787 (20)	.354 (9)	10
89000 00 018	89000-08-08	1/2	1/2	.354 (9)	-	1.222 (31)	.827 (21)	.394 (10)	10

89000

STRAIGHT MALE

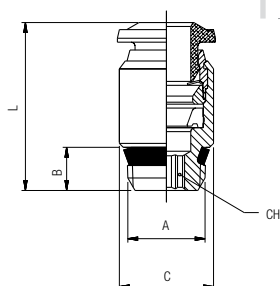


UNF

Code	Usa Ref	Tube	A	B	C	L	CH1	CH2	Pack
89000 00 019	89000-02-32	1/8	10/32	.197 (5)	.310 (8)	.748 (19)	.315 (8)	.079 (2)	10
89000 00 020	89000-53-32	5/32 (4)	10/32	.197 (5)	.310 (8)	.827 (21)	.394 (10)	.079 (2)	10
89000 00 021	89000-04-32	1/4	10/32	.197 (5)	.390 (10)	.966 (24,5)	.512 (13)	.079 (2)	10

89010

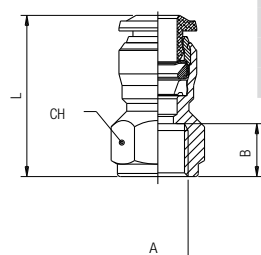
STRAIGHT MALE ADAPTOR WITH
HEXAGON EMBEDDED



Code	Usa Ref	Tube	A	B	C	L	CH	Pack.
89010 00 001	89010-53-02	5/32 (4)	1/8	.217 (5,5)	.433 (11)	.748 (19)	.118 (3)	10
89010 00 002	89010-05-02	5/16 (8)	1/8	.217 (5,5)	.551 (14)	1.004 (25,5)	.197 (5)	10
89010 00 003	89010-05-04	5/16 (8)	1/4	.276 (7)	.551 (14)	.984 (25)	.236 (6)	10

89030

STRAIGHT FEMALE ADAPTOR

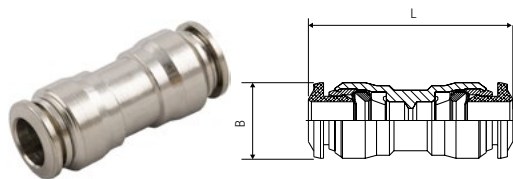


NPTF

Code	Usa Ref	Tube	A(NPTF)	B	L	CH	Pack.
89030 00 001	89030-02-02	1/8	1/8	.374 (9,5)	.945 (24)	.512 (13)	10
89030 00 002	89030-02-04	1/8	1/4	.531 (13,5)	1.147 (29)	.630 (16)	10
89030 00 003	89030-53-02	5/32 (4)	1/8	.374 (9,5)	.965 (24,5)	.512 (13)	10
89030 00 004	89030-53-04	5/32 (4)	1/4	.531 (13,5)	1.161 (29,5)	.630 (16)	10
89030 00 005	89030-04-02	1/4	1/8	.374 (9,5)	1.024 (26)	.512 (13)	10
89030 00 006	89030-04-04	1/4	1/4	.531 (13,5)	1.220 (31)	.630 (16)	10
89030 00 007	89030-06-04	3/8	1/4	.531 (13,5)	1.358 (34,5)	.709 (18)	10
89030 00 008	89030-06-06	3/8	3/8	.531 (13,5)	1.358 (34,5)	.787 (20)	10

89040

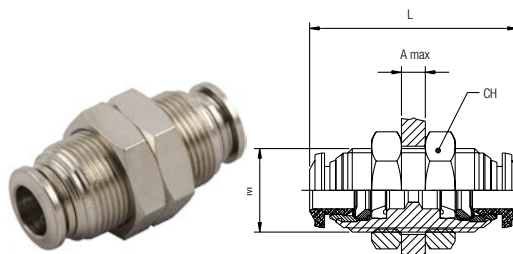
STRAIGHT CONNECTOR



Code	Usa Ref	Tube	Tube	L	B	Pack.
89040 00 001	89040-02	1/8		.335 (8.5)	1.024 (26)	10
57040 00 001	89040-53	5/32 (4)		.413 (10.5)	1.201 (30.5)	10
89040 00 003	89040-04-53	1/4	5/32 (4)	.492 (12.5)	1.299 (33)	10
89040 00 004	89040-04	1/4		.492 (12.5)	1.339 (34)	10
57040 00 005	89040-05	5/16 (8)		.571 (14.5)	1.417 (36)	10
89040 00 006	89040-06-04	3/8	1/4	.689 (17.5)	1.614 (41)	10
89040 00 009	89040-06-08	3/8	1/2	.807 (20.5)	1.850 (47)	10
89040 00 007	89040-06	3/8		.689 (17.5)	1.614 (41)	10
89040 00 008	89040-08	1/2		.807 (20.5)	1.850 (47)	10

89050

BULKHEAD CONNECTOR

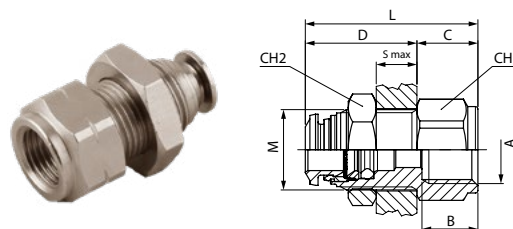


Code	Usa Ref	Tube	M	L	CH	A max	Pack.
89050 00 001	89050-02	1/8	M10x1	1.024 (26)	.551 (14)	.197 (5)	10
57050 00 001	89050-53	5/32 (4)	M12x1	1.240 (31.5)	.669 (17)	.276 (7)	10
89050 00 003	89050-04	1/4	M14x1	1.378 (35)	.669 (17)	.374 (9.5)	10
57050 00 003	89050-05	5/16 (8)	M16x1	1.457 (37)	.748 (19)	.413 (10.5)	10
89050 00 005	89050-06	3/8	M20x1	1.654 (42)	.945 (24)	.492 (12.5)	10
89050 00 006	89050-08	1/2	M22x1	1.890 (48)	1.024 (26)	.650 (16.5)	10

89055

FEMALE BULKHEAD CONNECTOR

NPTF

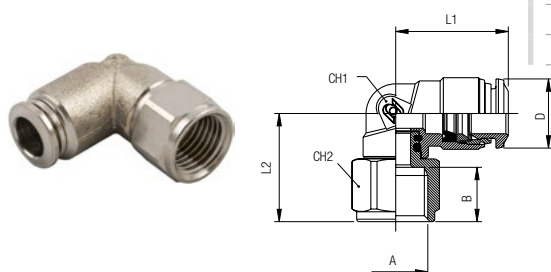


Code	Usa Ref	Tube	A NPTF	B	M	S max	CH1	CH2	C	D	L	Pack.
89055 00 001	89055-53-02	5/32 (4)	1/8	.374 (9.5)	M12x1	.276 (7)	.591 (15)	.669 (17)	.394 (10)	.748 (19)	1.142 (29)	10
89055 00 009	89055-53-04	5/32 (4)	1/4	.531 (13.5)	M12x1	.276 (7)	.630 (16)	.669 (17)	.591 (15)	.748 (19)	1.339 (34)	10
89055 00 002	89055-04-02	1/4	1/8	.374 (9.5)	M14x1	.315 (8)	.630 (16)	.669 (17)	.394 (10)	.827 (21)	1.220 (31)	10
89055 00 003	89055-04-04	1/4	1/4	.531 (13.5)	M14x1	.315 (8)	.630 (16)	.669 (17)	.591 (15)	.827 (21)	1.417 (36)	10
89055 00 010	89055-04-06	1/4	3/8	.531 (13.5)	M14x1	.315 (8)	.787 (20)	.669 (17)	.591 (15)	.827 (21)	1.417 (36)	10
89055 00 004	89055-05-02	5/16 (8)	1/8	.374 (9.5)	M16x1	.315 (8)	.709 (18)	.748 (19)	.394 (10)	.866 (22)	1.260 (32)	10
89055 00 005	89055-05-04	5/16 (8)	1/4	.531 (13.5)	M16x1	.315 (8)	.709 (18)	.748 (19)	.472 (12)	.866 (22)	1.339 (34)	10
89055 00 011	89055-05-06	5/16 (8)	3/8	.531 (13.5)	M16x1	.315 (8)	.787 (20)	.748 (19)	.591 (15)	.866 (22)	1.457 (37)	10
89055 00 006	89055-06-06	3/8	3/8	.531 (13.5)	M20x1	.374 (9.5)	.945 (24)	.945 (24)	.551 (14)	1.004 (25.5)	1.555 (39.5)	10
89055 00 007	89055-08-06	1/2	3/8	.531 (13.5)	M22x1	.413 (10.5)	.945 (24)	1.024 (26)	.591 (15)	1.083 (27.5)	1.673 (42.5)	10
89055 00 008	89055-08-08	1/2	1/2	.690 (17.5)	M22x1	.413 (10.5)	.945 (24)	1.024 (26)	.787 (20)	1.083 (27.5)	1.870 (47.5)	10

89106

ORIENTING ELBOW FEMALE ADAPTOR

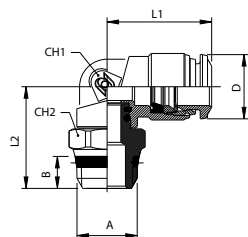
NPTF



Code	Usa Ref	Tube	A (NPTF)	B	L1	L2	CH1	CH2	D	Pack.
89106 00 001	89106-53-02	5/32 (4)	1/8	.374 (9.5)	.690 (17.5)	.776 (19.7)	.354 (9)	.512 (13)	.394 (10)	10
89106 00 002	89106-53-04	5/32 (4)	1/4	.531 (13.5)	.690 (17.5)	.933 (23.7)	.354 (9)	.630 (16)	.394 (10)	10
89106 00 003	89106-04-02	1/4	1/8	.374 (9.5)	.846 (21.5)	.843 (21.4)	.433 (11)	.512 (13)	.492 (12.5)	10
89106 00 004	89106-04-04	1/4	1/4	.531 (13.5)	.846 (21.5)	1 (25.4)	.433 (11)	.630 (16)	.492 (12.5)	10
89106 00 005	89106-06-02	3/8	1/8	.374 (9.5)	1.063 (27)	.953 (24.2)	.512 (13)	.512 (13)	.690 (17.5)	10
89106 00 006	89106-06-04	3/8	1/4	.531 (13.5)	1.063 (27)	1.110 (28.2)	.630 (16)	.630 (16)	.690 (17.5)	10

89111

ORIENTING ELBOW MALE ADAPTOR

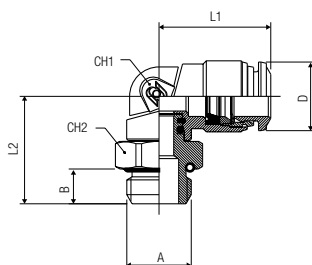


Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89111 00 001	89111-02-02	1/8	1/8	.217 (5,5)	.650 (16,5)	.768 (19,5)	.354 (9)	.511 (13)	.394 (10)	10
89111 00 002	89111-02-04	1/8	1/4	.276 (7)	.650 (16,5)	.827 (21)	.354 (9)	.591 (15)	.394 (10)	10
89111 00 003	89111-53-02	5/32 (4)	1/8	.217 (5,5)	.708 (18)	.768 (19,5)	.354 (9)	.511 (13)	.394 (10)	10
89111 00 004	89111-53-04	5/32 (4)	1/4	.276 (7)	.708 (18)	.827 (21)	.354 (9)	.591 (15)	.394 (10)	10
89111 00 005	89111-04-02	1/4	1/8	.217 (5,5)	.827 (21)	.846 (21,5)	.433 (11)	.511 (13)	.493 (12,5)	10
89111 00 006	89111-04-04	1/4	1/4	.276 (7)	.827 (21)	.906 (23)	.433 (11)	.591 (15)	.493 (12,5)	10
89111 00 007	89111-04-06	1/4	3/8	.295 (7,5)	.827 (21)	.926 (23,5)	.433 (11)	.669 (17)	.493 (12,5)	10
89111 00 008	89111-05-02	5/16 (8)	1/8	.217 (5,5)	.886 (22,5)	.945 (24)	.472 (12)	.511 (13)	.571 (14,5)	10
89111 00 009	89111-05-04	5/16 (8)	1/4	.276 (7)	.886 (22,5)	.945 (24)	.472 (12)	.591 (15)	.571 (14,5)	10
89111 00 010	89111-05-06	5/16 (8)	3/8	.295 (7,5)	.886 (22,5)	.965 (24,5)	.472 (12)	.669 (17)	.571 (14,5)	10
89111 00 018	89111-05-08	5/16 (8)	1/2	.354 (9)	.886 (22,5)	1.063 (27)	.472 (12)	.511 (13)	.571 (14,5)	10
89111 00 011	89111-06-02	3/8	1/8	.217 (5,5)	1.043 (26,5)	1.023 (26)	.551 (14)	.551 (14)	.669 (17,5)	10
89111 00 012	89111-06-04	3/8	1/4	.276 (7)	1.043 (26,5)	1.122 (28,5)	.551 (14)	.630 (16)	.669 (17,5)	10
89111 00 013	89111-06-06	3/8	3/8	.295 (7,5)	1.043 (26,5)	1.102 (28)	.551 (14)	.669 (17)	.669 (17,5)	10
89111 00 014	89111-06-08	3/8	1/2	.354 (9)	1.043 (26,5)	1.141 (29)	.551 (14)	.827 (21)	.669 (17,5)	10
89111 00 015	89111-08-04	1/2	1/4	.276 (7)	1.240 (31,5)	1.169 (29,7)	.630 (16)	.630 (16)	.846 (21,5)	10
89111 00 016	89111-08-06	1/2	3/8	.295 (7,5)	1.240 (31,5)	1.090 (27,7)	.630 (16)	.669 (17)	.846 (21,5)	10
89111 00 017	89111-08-08	1/2	1/2	.354 (9)	1.240 (31,5)	1.188 (30,2)	.630 (16)	.827 (21)	.846 (21,5)	10

89116

ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

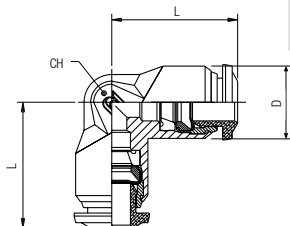
UNF



Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89116 00 001	89116-02-32	1/8	10/32	.177 (4,5)	.630 (16)	.689 (17,5)	.354 (9)	.315 (8)	.394 (10)	10
89116 00 002	89116-53-32	5/32 (4)	10/32	.177 (4,5)	.689 (17,5)	.689 (17,5)	.354 (9)	.315 (8)	.394 (10)	10
89116 00 003	89116-04-32	1/4	10/32	.177 (4,5)	.827 (21)	.768 (19,5)	.433 (11)	.433 (11)	.492 (12,5)	10

89130

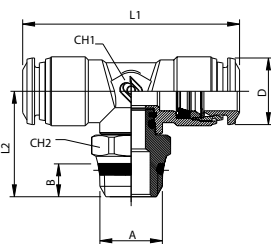
ELBOW CONNECTOR



Code	Usa Ref	Tube	L	CH	D	Pack.
89130 00 001	89130-02	1/8	.649 (16,5)	.354 (9)	.394 (10)	10
57130 00 001	89130-53	5/32 (4)	.669 (17)	.354 (9)	.394 (10)	10
89130 00 003	89130-04	1/4	.826 (21)	.433 (11)	.492 (12,5)	10
57130 00 003	89130-05	5/16 (8)	.886 (22,5)	.512 (13)	.551 (14)	10
89130 00 005	89130-06	3/8	1.024 (26)	.630 (16)	.689 (17,5)	10
89130 00 006	89130-08	1/2	1.200 (30,5)	.748 (19)	.846 (21,5)	10

89211

ORIENTING TEE MALE ADAPTOR
CENTRE LEG

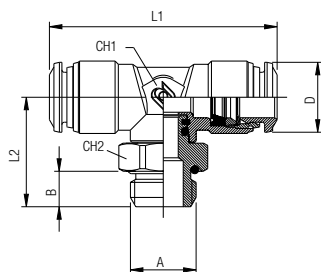


Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89211 00 001	89211-02-02	1/8	1/8	.216 (5,5)	1.300 (33)	.748 (19)	.354 (9)	.315 (8)	.394 (10)	10
89211 00 002	89211-02-04	1/8	1/4	.275 (7)	1.300 (33)	.807 (20,5)	.354 (9)	.591 (15)	.394 (10)	10
89211 00 003	89211-53-02	5/32 (4)	1/8	.216 (5,5)	1.300 (33)	.787 (20)	.354 (9)	.511 (13)	.394 (10)	10
89211 00 004	89211-53-04	5/32 (4)	1/4	.275 (7)	1.300 (33)	.846 (21,5)	.354 (9)	.591 (15)	.394 (10)	10
89211 00 005	89211-04-02	1/4	1/8	.216 (5,5)	1.574 (40)	.846 (21,5)	.433 (11)	.511 (13)	.493 (12,5)	10
89211 00 006	89211-04-04	1/4	1/4	.275 (7)	1.574 (40)	.905 (23)	.433 (11)	.629 (16)	.493 (12,5)	10
89211 00 007	89211-04-06	1/4	3/8	.295 (7,5)	1.574 (40)	.925 (23,5)	.433 (11)	.669 (17)	.493 (12,5)	10
89211 00 016	89211-05-02	5/16 (8)	1/8	.216 (5,5)	1.772 (45)	.984 (25)	.512 (13)	.511 (13)	.571 (14,5)	10
89211 00 015	89211-05-04	5/16 (8)	1/4	.275 (7)	1.772 (45)	.984 (25)	.512 (13)	.591 (15)	.571 (14,5)	10
89211 00 017	89211-05-06	5/16 (8)	3/8	.295 (7,5)	1.772 (45)	1.024 (26)	.512 (13)	.669 (17)	.571 (14,5)	10
89211 00 014	89211-06-02	3/8	1/8	.216 (5,5)	2.047 (52)	1.023 (26)	.551 (14)	.551 (14)	.669 (17,5)	10
89211 00 008	89211-06-04	3/8	1/4	.275 (7)	2.047 (52)	1.122 (28,5)	.551 (14)	.630 (16)	.669 (17,5)	10
89211 00 009	89211-06-06	3/8	3/8	.295 (7,5)	2.047 (52)	1.102 (28)	.551 (14)	.669 (17)	.669 (17,5)	10
89211 00 010	89211-06-08	3/8	1/2	.354 (9)	2.047 (52)	1.141 (29)	.551 (14)	.827 (21)	.669 (17,5)	10
89211 00 011	89211-08-04	1/2	1/4	.275 (7)	2.402 (61)	1.224 (31,1)	.630 (16)	.630 (16)	.846 (21,5)	10
89211 00 012	89211-08-06	1/2	3/8	.295 (7,5)	2.402 (61)	1.145 (29,1)	.630 (16)	.669 (17)	.846 (21,5)	10
89211 00 013	89211-08-08	1/2	1/2	.354 (9)	2.402 (61)	1.244 (31,6)	.630 (16)	.827 (21)	.846 (21,5)	10

89216

ORIENTING TEE MALE ADAPTOR (PARALLEL)
CENTRE LEG

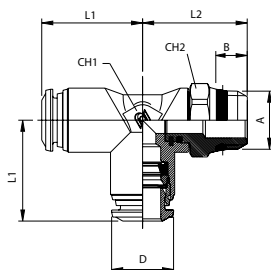
UNF



Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89216 00 001	89216-02-32	1/8	10/32	.157 (4)	1.300 (33)	.669 (17)	.354 (9)	.315 (8)	.394 (10)	10
89216 00 002	89216-53-32	5/32 (4)	10/32	.157 (4)	1.300 (33)	.709 (18)	.354 (9)	.315 (8)	.394 (10)	10
89216 00 003	89216-04-32	1/4	10/32	.157 (4)	1.654 (42)	.807 (20,5)	.433 (11)	.433 (11)	.492 (12,5)	10

89223

ORIENTING TEE MALE ADAPTOR
OFF - SET LEG

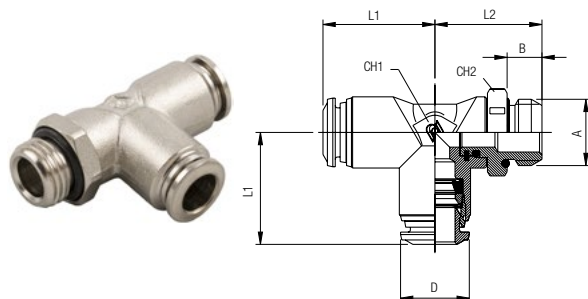


Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89223 00 001	89223-02-02	1/8	1/8	.216 (5,5)	.650 (16,5)	.748 (19)	.354 (9)	.511 (13)	.394 (10)	10
89223 00 002	89223-02-04	1/8	1/4	.334 (7)	.650 (16,5)	.807 (20,5)	.354 (9)	.591 (15)	.394 (10)	10
89223 00 003	89223-53-02	5/32 (4)	1/8	.216 (5,5)	.649 (17)	.787 (20)	.354 (9)	.511 (13)	.394 (10)	10
89223 00 004	89223-53-04	5/32 (4)	1/4	.275 (7)	.649 (17)	.846 (21,5)	.354 (9)	.591 (15)	.394 (10)	10
89223 00 005	89223-04-02	1/4	1/8	.216 (5,5)	.846 (21,5)	.866 (22)	.433 (11)	.511 (13)	.493 (12,5)	10
89223 00 006	89223-04-04	1/4	1/4	.275 (7)	.846 (21,5)	.925 (23,5)	.433 (11)	.591 (15)	.493 (12,5)	10
89223 00 007	89223-04-06	1/4	3/8	.295 (7,5)	.846 (21,5)	.925 (23,5)	.433 (11)	.669 (17)	.493 (12,5)	10
89223 00 015	89223-05-02	5/16 (8)	1/8	.216 (5,5)	.886 (22,5)	.984 (25)	.512 (13)	.511 (13)	.571 (14,5)	10
89223 00 016	89223-05-04	5/16 (8)	1/4	.275 (7)	.886 (22,5)	.984 (25)	.512 (13)	.591 (15)	.571 (14,5)	10
89223 00 017	89223-05-06	5/16 (8)	3/8	.295 (7,5)	.886 (22,5)	.965 (24,5)	.512 (13)	.669 (17)	.571 (14,5)	10
89223 00 014	89223-06-02	3/8	1/8	.216 (5,5)	1.062 (27)	1.023 (26)	.551 (14)	.551 (14)	.669 (17,5)	10
89223 00 008	89223-06-04	3/8	1/4	.275 (7)	1.062 (27)	1.122 (28,5)	.551 (14)	.630 (16)	.669 (17,5)	10
89223 00 009	89223-06-06	3/8	3/8	.295 (7,5)	1.062 (27)	1.102 (28)	.551 (14)	.669 (17)	.669 (17,5)	10
89223 00 010	89223-06-08	3/8	1/2	.354 (9)	1.062 (27)	1.141 (29)	.551 (14)	.827 (21)	.669 (17,5)	10
89223 00 011	89223-08-04	1/2	1/4	.275 (7)	1.240 (31,5)	1.224 (31,1)	.630 (16)	.630 (16)	.846 (21,5)	10
89223 00 012	89223-08-06	1/2	3/8	.295 (7,5)	1.240 (31,5)	1.145 (29,1)	.630 (16)	.787 (20)	.846 (21,5)	10
89223 00 013	89223-08-08	1/2	1/2	.354 (9)	1.240 (31,5)	1.244 (31,6)	.630 (16)	.827 (21)	.846 (21,5)	10

89226

ORIENTING TEE MALE ADAPTOR (PARALLEL)
OFF - SET LEG

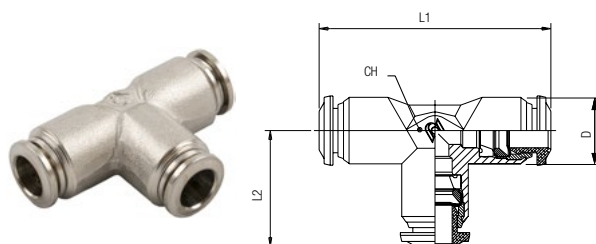
UNF



Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
89226 00 001	89226-02-32	1/8	10/32	.177 (4,5)	.650 (16,5)	.669 (17)	.354 (9)	.315 (8)	.394 (10)	10
89226 00 002	89226-53-32	5/32 (4)	10/32	.177 (4,5)	.670 (17)	.709 (18)	.354 (9)	.315 (8)	.394 (10)	10
89226 00 003	89226-04-32	1/4	10/32	.177 (4,5)	.827 (21)	.807 (20,5)	.433 (11)	.433 (11)	.492 (12,5)	10

89230

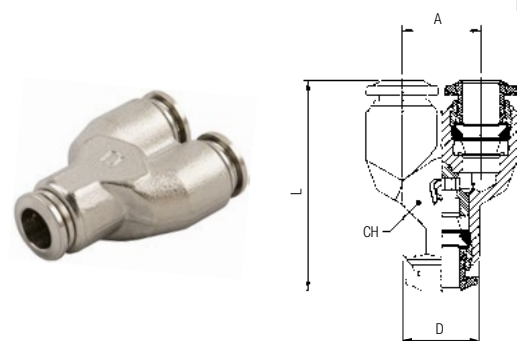
TEE CONNECTOR



Code	Usa Ref	Tube	L1	L2	CH	D	Pack.
89230 00 001	89230-02	1/8	1.229 (33)	.669 (17)	.354 (9)	.394 (10)	10
57230 00 001	89230-53	5/32 (4)	1.339 (34)	.669 (17)	.354 (9)	.394 (10)	10
89230 00 003	89230-04	1/4	1.654 (42)	.827 (21)	.433 (11)	.492 (12,5)	10
57230 00 003	89230-05	5/16 (8)	1.772 (45)	.866 (22,5)	.512 (13)	.551 (14)	10
89230 00 005	89230-06	3/8	2.087 (53)	1.043 (26,5)	.630 (16)	.689 (17,5)	10
89230 00 006	89230-08	1/2	2.402 (61)	1.201 (30,5)	.748 (19)	.846 (21,5)	10

89310

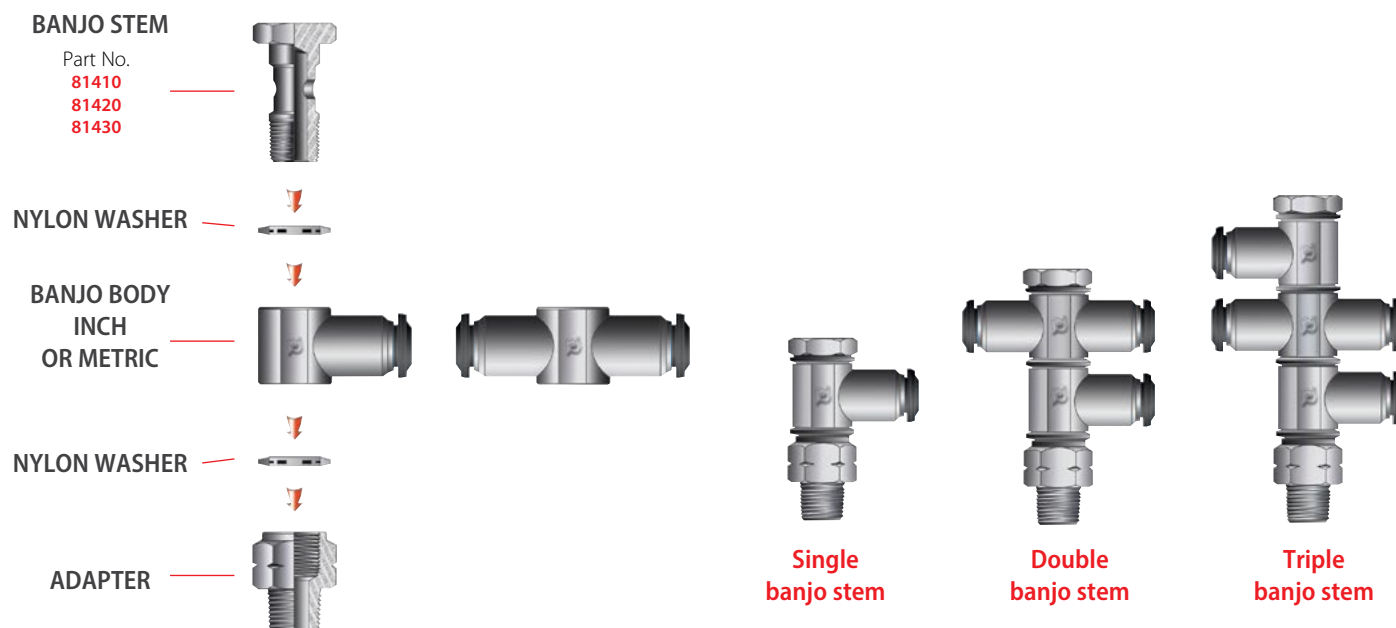
Y CONNECTOR



Code	Usa Ref	Tube	A	L	CH	D	Pack.
89310 00 001	89310-02	1/8	.394 (10)	1.142 (29)	.433 (11)	.394 (10)	10
57310 00 001	89310-53	5/32 (4)	.433 (11)	1.260 (32)	.433 (11)	.394 (10)	10
89310 00 003	89310-04	1/4	.531 (13,5)	1.437 (36,5)	.511 (13)	.492 (12,5)	10
57310 00 003	89310-05	5/16 (8)	.610 (15,5)	1.514 (41)	.511 (13)	.551 (14)	10
89310 00 005	89310-06	3/8	.728 (18,5)	1.890 (48)	.708 (18)	.689 (17,5)	10

NPTF BANJO STEM ASSEMBLIES

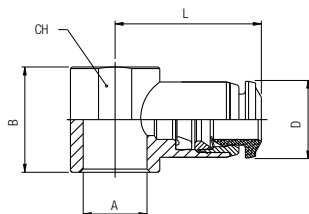
Examples of various banjo stems with single and double banjo bodies



With nylon banjo body remove the washer.

89500

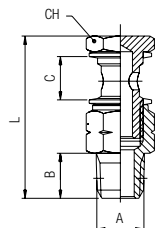
SINGLE BANJO BODY



Code	Usa Ref	Tube	A	B	L	CH	D	Pack.
89500 00 002	89500-02-02	1/8	1/8	.591 (15)	.748 (19)	.551 (14)	.394 (10)	10
57500 00 001	89500-53-32	5/32 (4)	10/32	.492 (12,5)	.748 (19)	-	.394 (10)	10
57500 00 003	89500-53-02	5/32 (4)	1/8	.591 (15)	.827 (21)	.551 (14)	.394 (10)	10
89500 00 004	89500-04-02	1/4	1/8	.591 (15)	.886 (22,5)	.551 (14)	.492 (12,5)	10
89500 00 005	89500-04-04	1/4	1/4	.669 (17)	.984 (25)	.709 (18)	.492 (12,5)	10
57500 00 006	89500-05-02	5/16 (8)	1/8	.591 (15)	.945 (24)	.551 (14)	.551 (14)	10
57500 00 007	89500-05-04	5/16 (8)	1/4	.669 (17)	1.024 (26)	.709 (18)	.551 (14)	10
57500 00 008	89500-05-06	5/16 (8)	3/8	.787 (20)	1.102 (28)	.827 (21)	.551 (14)	10
89500 00 006	89500-06-04	3/8	1/4	.669 (17)	1.142 (29)	.709 (18)	.689 (17,5)	10
89500 00 007	89500-06-06	3/8	3/8	.787 (20)	1.201 (30,5)	.827 (21)	.689 (17,5)	10
89500 00 008	89500-08-06	1/2	3/8	.787 (20)	1.260 (32)	.827 (21)	.846 (21,5)	10
89500 00 009	89500-08-08	1/2	1/2	.945 (24)	1.378 (35)	.984 (25)	.846 (21,5)	10

81410

SINGLE BANJO STEM



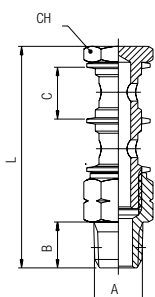
NPTF

UNF

Code	Usa Ref	A	B	C	L	CH	Pack
81410 00 011	81410-32	10/32 UNF	.177 (4,5)	.492 (15,5)	1.200 (30,5)	.315 (8)	10
81410 00 012	81410-02	1/8	.334 (8,5)	.591 (15)	1.653 (42)	.551 (14)	10
81410 00 013	81410-04	1/4	.511 (13)	.669 (17)	2.047 (52)	.669 (17)	10
81410 00 014	81410-06	3/8	.511 (13)	.787 (20)	2.106 (53,5)	.748 (19)	10

81420

DOUBLE BANJO STEM

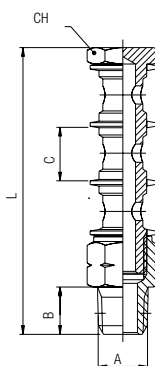


NPTF

Code	Usa Ref	A NPTF	B	C	L	CH	Pack
81420 00 012	81420-02	1/8	.334 (8,5)	.591 (15)	2.283 (58)	.551 (14)	10
81420 00 013	81420-04	1/4	.511 (13)	.669 (17)	2.755 (70)	.669 (17)	10
81420 00 014	81420-06	3/8	.511 (13)	.787 (20)	3.031 (77)	.748 (19)	10

81430

TRIPLE BANJO STEM

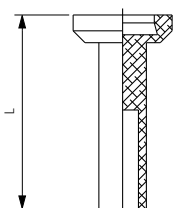


NPTF

Code	Usa Ref	A NPTF	B	C	L	CH	Pack
81430 00 012	81430-02	1/8	.334 (8,5)	.591 (15)	2.913 (74)	.551 (14)	10
81430 00 013	81430-04	1/4	.511 (13)	.669 (17)	3.464 (88)	.669 (17)	10
81430 00 014	81430-06	3/8	.511 (13)	.787 (20)	3.897 (99)	.748 (19)	10

88610

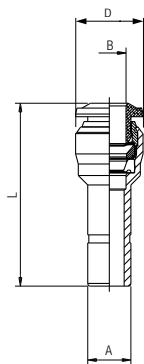
POLYAMIDE PLUG



Code	Usa Ref	Tube	L	Pack
88610 00 31 02 NE	88610B-02	1/8	.708 (18)	10
88610 00 31 27 NE	88610B-53	5/32 (4)	.925 (23,5)	10
88610 00 31 03 NE	88610B-04	1/4	.964 (24,5)	10
88610 00 31 28 NE	88610B-05	5/16 (8)	1.023 (26)	10
88610 00 31 04 NE	88610B-06	3/8	1.122 (28,5)	10
88610 00 31 05 NE	88610B-08	1/2	1.122 (28,5)	10

89700

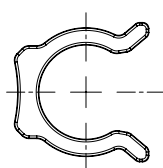
REDUCER



Code	Usa Ref	A	B	L	D	Pack.
89700 00 001	89700-04-02	1/4	1/8	1.181 (30)	.394 (10)	10
89700 00 002	89700-04-53	1/4	5/32 (4)	1.181 (30)	.394 (10)	10
57700 00 008	89700-05-53	5/16 (8)	5/32 (4)	1.299 (33)	.394 (10)	10
89700 00 003	89700-06-04	3/8	1/4	1.397 (35,5)	.492 (12,5)	10
89700 00 006	89700-06-05	3/8	5/16 (8)	1.397 (35,5)	.551 (14)	10
89700 00 004	89700-08-04	1/2	1/4	1.693 (43)	.492 (12,5)	10
89700 00 005	89700-08-06	1/2	3/8	1.693 (43)	.689 (17,5)	10

50980

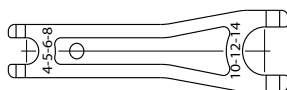
SECURITY CLIP



Code	Usa Ref	Tube	Pack.
50980 00 32 X1 RO	50980-53	5/32 (4)	50
50980 00 32 X4 RO	50980-04	1/4 (6)	50
50980 00 32 X7 RO	50980-05	5/16 (8)	50
50980 00 32 X9 RO	50980-06	3/8 (10)	50
50980 00 32 Y1 RO	50980-08	1/2 (12)	50

50990

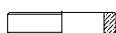
TOOL FOR DISASSEMBLING



Code	Usa Ref	Pack.
50990 00 001	50990	10

50006

THREAD PACKING FOR THE "SWIFTFIT" TAPER THREADS



Code	Usa Ref	Thread	Pack.
50006 00 24 02 00	50006-02	1/8	10
50006 00 24 03 00	50006-04	1/4	10
50006 00 24 04 00	50006-06	3/8	10
50006 00 24 05 00	50006-08	1/2	10