

 55000 Pag. 8.5	 55010 Pag. 8.5	 50010N 50015N Pag. 8.5 - 8.6	 50020N Pag. 8.6	 50030N Pag. 8.7	 55040 Pag. 8.7	 50050N Pag. 8.7	 55050 Pag. 8.8	 50055N Pag. 8.8	 50465N Pag. 8.8
 55060 Pag. 8.9	 55106 Pag. 8.9	 55111 Pag. 8.9	 55116 Pag. 8.10	 55126 Pag. 8.10	 55130 Pag. 8.11	 55140 Pag. 8.11	 55150 Pag. 8.11	 55160 Pag. 8.12	 55170 Pag. 8.12
 55175 Pag. 8.12	 55180 Pag. 8.13	 55211 Pag. 8.13	 55216 Pag. 8.13	 55223 Pag. 8.14	 55226 Pag. 8.14	 55230 Pag. 8.14	 55235 Pag. 8.15	 55237 Pag. 8.15	 55240 Pag. 8.15
 55310 Pag. 8.16	 55315 Pag. 8.16	 55320 Pag. 8.16	 55325 Pag. 8.17	 55330 Pag. 8.17	 55340 Pag. 8.17	 55345 Pag. 8.18	 55350 Pag. 8.18	 55360 Pag. 8.18	 55365 Pag. 8.19
 55500 Pag. 8.20	 55510 Pag. 8.20	 55520 Pag. 8.20	 55410 Pag. 8.21	 55420 Pag. 8.21	 55430 Pag. 8.21	 55440 Pag. 8.21	 50600 Pag. 8.22	 50610 Pag. 8.22	 55620 Pag. 8.23
 50625 Pag. 8.23	 55625 Pag. 8.23	 50700N Pag. 8.24	 55700 Pag. 8.24	 55705 Pag. 8.24	 55800N Pag. 8.25	 55801 Pag. 8.26	 55802 Pag. 8.26	 50900N Pag. 8.27	 50980 Pag. 8.27
 50990 Pag. 8.27	 50006 Pag. 8.28	Click here to view the 55000 Series on our Website 							

 56010 Pag. 8.29	 56020 Pag. 8.29	 56040 Pag. 8.29	 56050 Pag. 8.30	 56115 Pag. 8.30	 56130 Pag. 8.30	 56215 Pag. 8.31	 56225 Pag. 8.31	 56230 Pag. 8.31	 56550 Pag. 8.31
--	--	--	--	--	--	--	--	--	--

METRIC TECHNOLOGY POLYMER PUSH-TO-CONNECT FITTINGS



55 - 56 Series

55000
56000
METRIC



TECHNICAL CHARACTERISTICS



Standard Reference

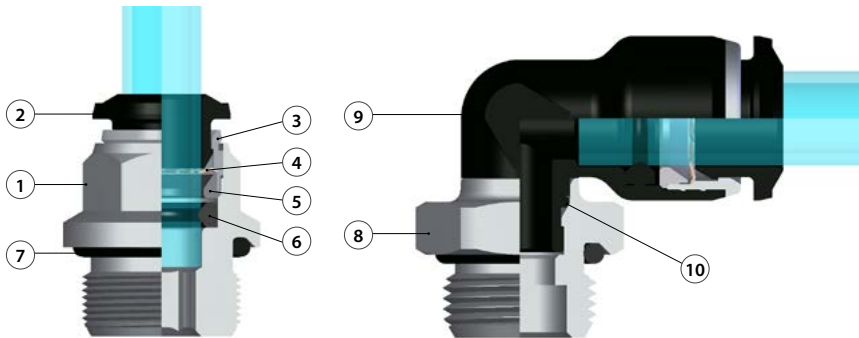
1907/2006
REACH✓

2011/65/CE
RoHS✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE



Component Parts and Materials

- 1 Nickel-plated brass Body
- 2 Acetalic resin Collet
- 3 Nickel-plated brass Capsule
- 4 Steel AISI 301 Clamping washer
- 5 Technopolymeric positioning ring
- 6 NBR Molded seal
- 7 NBR Thread packing
- 8 Base Threaded Nickel Plated Brass
- 9 Technopolymeric Body PA
- 10 NBR seal



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



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.



BSP Threads

Standard ISO 228 and ISO R/262

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

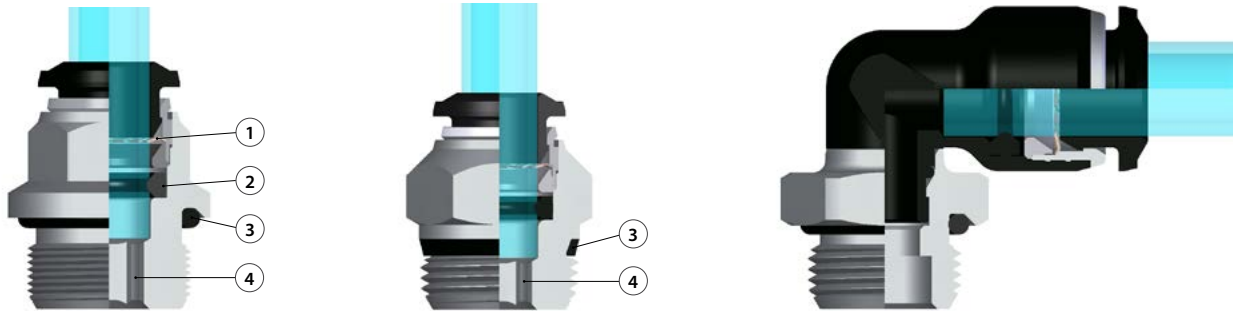


Torque Specifications

Recommended Torque		
Thread Size	Min.	Breaking torque
M5	0.8 Nm	3.2 Nm
M7	3 Nm	8 Nm
M8	3 Nm	8 Nm
1/2	3 Nm	8 Nm
1/4	9 Nm	30 Nm
3/8	10 Nm	60 Nm
1/2	12 Nm	50 Nm



Advantages



Advantages

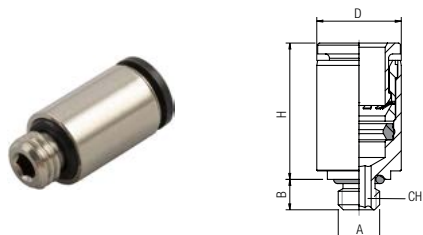
- 1 The washer is made in stainless steel ensures the perfect tube clamping with every Kinds of materials without damage the surface.
The connection between the tube and the fitting ensure a total tightness even in severe conditions such as impact and vibrations.
- 2 The particular geometric shape of 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.

56000 SERIES "MINI"

56010

BSP

STRAIGHT MALE ADAPTOR (PARALLEL) WITH HEXAGON EMBEDDED

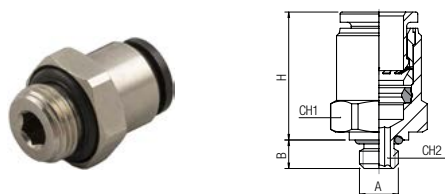


Code	Usa Ref	Tube	A	B	H	D	CH	Pack.
56010 00 006	56010-4-M3	5/32 (4)	M3	.118 (3)	.591 (15)	.315 (8)	.059 (1,5)	10
56010 00 001	56010-4-M5	5/32 (4)	M5	.142 (3,6)	.551 (14)	.335 (8,5)	.098 (2,5)	10
56010 00 002	56010-4-M7	5/32 (4)	M7	.197 (5)	.551 (14)	.394 (10)	.118 (3)	10
56010 00 003	56010-6-M5	6	M5	.142 (3,6)	.630 (16)	.394 (10)	.098 (2,5)	10
56010 00 004	56010-6-M7	6	M7	.197 (5)	.630 (16)	.394 (10)	.157 (4)	10

56020

BSP

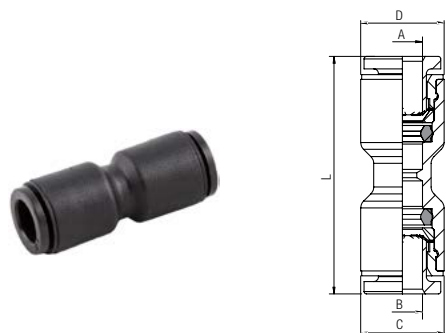
STRAIGHT MALE ADAPTOR (PARALLEL)



Code	Usa Ref	Tube	A	B	H	CH1	CH2	Pack.
56020 00 001	56020-2-M3	2	M3	.118 (3)	.433 (11)	.236 (6)	.059 (1,5)	10
56020 00 002	56020-2-M5	2	M5	.157 (4)	.354 (9)	.276 (7)	.059 (1,5)	10
56020 00 003	56020-3-M3	3	M3	.118 (3)	.433 (11)	.236 (6)	.059 (1,5)	10
56020 00 004	56020-3-M5	3	M5	.157 (4)	.394 (10)	.276 (7)	.079 (2)	10
56020 00 005	56020-4-M3	5/32 (4)	M3	.118 (3)	.571 (14,5)	.315 (8)	-	10
56020 00 006	56020-4-M5	5/32 (4)	M5	.142 (3,6)	.551 (14)	.354 (9)	.098 (2,5)	10
56020 00 007	56020-4-M7	5/32 (4)	M7	.197 (5)	.551 (14)	.394 (10)	.118 (3)	10
56020 00 008	56020-4-1/8	5/32 (4)	1/8	.197 (5)	.453 (11,5)	.512 (13)	.118 (3)	10
56020 00 009	56020-6-M5	6	M5	.142 (3,6)	.630 (16)	.433 (11)	.098 (2,5)	10
56020 00 010	56020-6-M7	6	M7	.197 (5)	.630 (16)	.394 (10)	.118 (3)	10
56020 00 011	56020-6-1/8	6	1/8	.197 (5)	.531 (13,5)	.512 (13)	.157 (4)	10
56020 00 012	56020-6-1/4	6	1/4	.280 (7,1)	.472 (12)	.630 (16)	.157 (4)	10

56040

STRAIGHT CONNECTOR



Code	Usa Ref	A	B	C	D	L	Pack.
56040 00 003	56040-4-4	5/32 (4)	5/32 (4)	.335 (8,5)	.984 (25)	.335 (8,5)	10
56040 00 004	56040-6-6	6	6	.413 (10,5)	1.102 (28)	.413 (10,5)	10
56040 00 005	56040-8-6	5/16 (8)	6	.413 (10,5)	1.358 (34,5)	.551 (14)	10

56050

BULKHEAD CONNECTOR

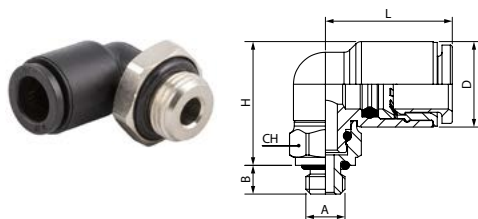


Code	Usa Ref	Tube	M	L	CH	A max	Pack.
56050 00 003	56050-4	5/32 (4)	M10x1	.984 (25)	.512 (13)	.217 (5,5)	10
56050 00 004	56050-6	6	M12x1	1.102 (28)	.591 (15)	.335 (8,5)	10

56115

ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

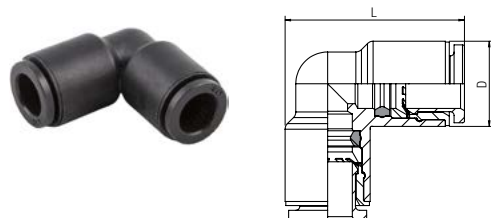
BSP



Code	Usa Ref	Tube	A	B	H	L	D	CH	Pack.
56115 00 001	56115-2-M3	2	M3	.118 (3)	.512 (13)	.433 (11)	.256 (6,5)	.315 (8)	10
56115 00 002	56115-2-M5	2	M5	.157 (4)	.492 (12,5)	.433 (11)	.256 (6,5)	.315 (8)	10
56115 00 003	56115-3-M3	3	M3	.118 (3)	.512 (13)	.433 (11)	.256 (6,5)	.315 (8)	10
56115 00 004	56115-3-M5	3	M5	.157 (4)	.492 (12,5)	.433 (11)	.256 (6,5)	.315 (8)	10
56115 00 013	56115-4-M3	5/32 (4)	M3	.118 (3)	.571 (14,5)	.551 (14)	.335 (8,5)	.315 (8)	10
56115 00 005	56115-4-M5	5/32 (4)	M5	.142 (3,6)	.531 (13,5)	.551 (14)	.335 (8,5)	.315 (8)	10
56115 00 006	56115-4-1/8	5/32 (4)	1/8	.197 (5)	.512 (13)	.551 (14)	.335 (8,5)	.512 (13)	10
56115 00 007	56115-4-1/4	5/32 (4)	1/4	.280 (7,1)	.531 (13,5)	.551 (14)	.335 (8,5)	.630 (16)	10
56115 00 008	56115-6-M5	6	M5	.142 (3,6)	.610 (15,5)	.630 (16)	.413 (10,5)	.315 (8)	10
56115 00 011	56115-6-M7	6	M7x1	.197 (5)	.623 (16)	.623 (16)	.413 (10,5)	.354 (9)	10
56115 00 009	56115-6-1/8	6	1/8	.197 (5)	.591 (15)	.630 (16)	.413 (10,5)	.512 (13)	10
56115 00 010	56115-6-1/4	6	1/4	.280 (7,1)	.610 (15,5)	.630 (16)	.413 (10,5)	.630 (16)	10

56130

EQUAL ELBOW

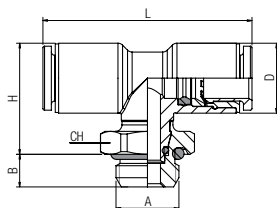


Code	Usa Ref	Tube	L	D	Pack.
56130 00 001	56130-2	2	.571 (14,5)	.256 (6,5)	10
56130 00 002	56130-3	3	.571 (14,5)	.256 (6,5)	10
56130 00 003	56130-4	5/32 (4)	.748 (19)	.335 (8,5)	10
56130 00 004	56130-6	6	.886 (22,5)	.413 (10,5)	10

56215

ORIENTING TEE MALE ADAPTOR
(PARALLEL) – CENTRE LEG

BSP

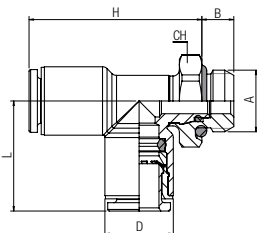


Code	Usa Ref	Tube	A	B	H	L	D	CH	Pack.
56215 00 001	56215-2-M3	2	M3	.118 (3)	.512 (13)	.866 (22)	.256 (6,5)	.315 (8)	10
56215 00 002	56215-2-M5	2	M5	.157 (4)	.492 (12,5)	.866 (22)	.256 (6,5)	.315 (8)	10
56215 00 003	56215-3-M3	3	M3	.118 (3)	.512 (13)	.866 (22)	.256 (6,5)	.315 (8)	10
56215 00 004	56215-3-M5	3	M5	.157 (4)	.492 (12,5)	.866 (22)	.256 (6,5)	.315 (8)	10

56225

ORIENTING TEE MALE ADAPTOR
(PARALLEL) – OFF-SET LEG

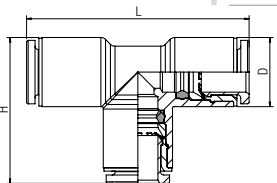
BSP



Code	Usa Ref	Tube	A	B	H	L	D	CH	Pack.
56225 00 001	56225-2-M3	2	M3	.118 (3)	.827 (21)	.433 (11)	.256 (6,5)	.315 (8)	10
56225 00 002	56225-2-M5	2	M5	.157 (4)	.827 (21)	.433 (11)	.256 (6,5)	.315 (8)	10
56225 00 003	56225-3-M3	3	M3	.118 (3)	.827 (21)	.433 (11)	.256 (6,5)	.315 (8)	10
56225 00 004	56225-3-M5	3	M5	.157 (4)	.827 (21)	.433 (11)	.256 (6,5)	.315 (8)	10

56230

TEE CONNECTOR

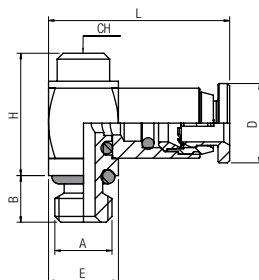


Code	Usa Ref	Tube	H	L	D	Pack.
56230 00 001	56230-2	2	.571 (14,5)	.866 (22)	.256 (6,5)	10
56230 00 002	56230-3	3	.571 (14,5)	.866 (22)	.256 (6,5)	10
56230 00 003	56230-4	5/32 (4)	.748 (19)	1.142 (29)	.335 (8,5)	10
56230 00 004	56230-6	6	.886 (22,5)	1.358 (34,5)	.413 (10,5)	10

56550

ORIENTING SINGLE BANJO BODY MALE

BSP



Code	Usa Ref	Tube	A	B	H	L	E	D	CH	Pack.
56550 00 003	56550-3-M3	3	M3	.118 (3)	.413 (10,5)	.610 (15,5)	.236 (6)	.276 (7)	.079 (2)	10
56550 00 004	56550-3-M5	3	M5	.157 (4)	.413 (10,5)	.610 (15,5)	.236 (6)	.276 (7)	.079 (2)	10

NOTES

[illegible]