AIGNEP

84000H Series

HIGH PRESSURE



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84000 Series



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Click here to view the 84000 Series on our Website

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MIST
FIT

PUSH-TO-CONNECT FITTINGS FOR MISTING SYSTEMS

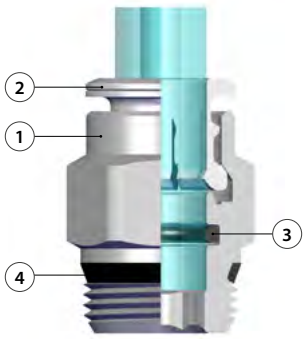


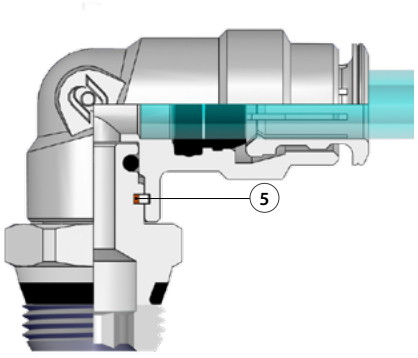
84000H - 84000 Series

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 clamping washer
3. NBR O-ring
4. NBR thread seal
5. Seeger

Pressure Rating

HIGH PRESSURE

0 psi ~ 1233 psi
0 bar ~ 85 bar
0 MPa ~ 8.5 MPa

Temperature Rating

NBR	32 °F ~ 176 °F
	0 °C ~ 80 °C

Media

- Water

Tubing Compatibility

PLASTIC TUBES:
PA12, Metallic tubes.
* Copper or Steel tube, must be grooved.

SWIFTFIT Universal thread

One fitting... Endless possibilities

NPT	ISO 7	ISO 7	ISO 228
NPTF	BSPP - PF	BSPT - PT	BSP
TAPERED	PARALLEL	TAPERED	PARALLEL



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

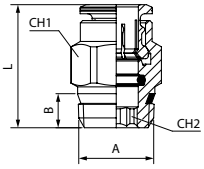
All SWIFTFIT fittings have been equipped with threads and an NBR thread seal that will universally connect to all thread types.
Our SWIFTFIT universal fittings also work on non-flat surfaces without compromising their airtight seal.

84000H

STRAIGHT MALE ADAPTOR

Code	Usa Ref	Tube	A	B	L	CH1	CH2	Pack.
84000 H0 006	84000H-04-04	1/4	1/4	.276 (7)	1.004 (25.5)	.551 (14)	-	25
84000 H0 007	84000H-04-06	1/4	3/8	.295 (7.5)	1.024 (26)	.669 (17)	-	25
84000 H0 012	84000H-06-04	3/8	1/4	.276 (7)	1.181 (30)	.709 (18)	.276 (7)	25
84000 H0 013	84000H-06-06	3/8	3/8	.295 (7.5)	1.063 (27)	.709 (18)	.315 (8)	25



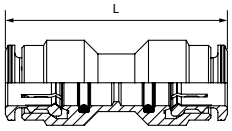


84040H

STRAIGHT CONNECTOR

Code	Usa Ref	Tube	L	Pack.
84040 H0 003	84040H-04	1/4	1.713 (43.5)	25
84040 H0 005	84040H-06	3/8	1.850 (47)	25





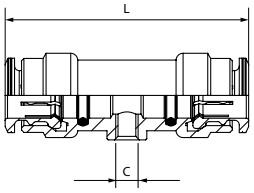
84041H

UNC

STRAIGHT CONNECTOR FOR NOZZLE ADAPTER

Code	Usa Ref	Tube	C	L	Pack.
84041 H0 001	84041H-04	1/4	10-24 UNC	1.929 (49)	25
84041 H0 002	84041H-06	3/8	10-24 UNC	2.047 (52)	25
84042 H0 002	84042H-06	3/8	12-24 UNC	2.047 (52)	25



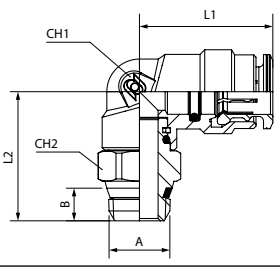


84111H

ORIENTING ELBOW MALE ADAPTOR

Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	Pack.
84111 H0 006	84111H-04-04	1/4	1/4	.276 (7)	1.063 (27)	.925 (23.5)	.433 (11)	.591 (15)	25
84111 H0 007	84111H-04-06	1/4	3/8	.295 (7.5)	1.063 (27)	.945 (24)	.433 (11)	.669 (17)	25
84111 H0 012	84111H-06-04	3/8	1/4	.276 (7)	1.102 (28)	1.122 (28.5)	.551 (14)	.630 (16)	25
84111 H0 013	84111H-06-06	3/8	3/8	.295 (7.5)	1.102 (28)	1.102 (28)	.551 (14)	.669 (17)	25



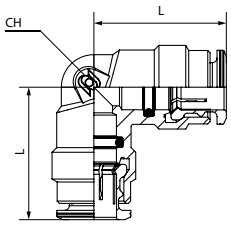


84130H

ELBOW CONNECTOR

Code	Usa Ref	Tube	L	CH	Pack.
84130 H0 003	84130H-04	1/4	1.024 (26)	.433 (11)	25
84130 H0 005	84130H-06	3/8	1.102 (28)	.551 (14)	25





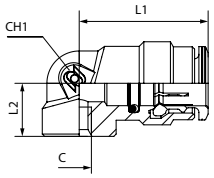
84131H

UNC

FITTING END OF LINE FOR NOZZLE ADAPTER

Code	Usa Ref	Tube	C	L1	L2	CH	Pack.
84131 H0 001	84131H-04-24	1/4	10-24 UNC	.984 (25)	.394 (10)	.433 (11)	25
84131 H0 002	84131H-06-24	3/8	10-24 UNC	1.102 (28)	.512 (13)	.551 (14)	25





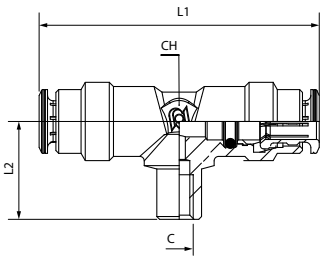
84202H

UNC

PLUG-IN EQUAL RUN TEE

Code	Usa Ref	Tube	C	L1	L2	CH	Pack.
84202 H0 001	84202H-04-24	1/4	10-24 UNC	2.047 (52)	.689 (17.5)	.433 (11)	25





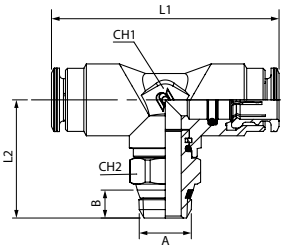
84211H

SWIFTFIT Universal thread

ORIENTING TEE MALE ADAPTOR CENTER LEG

Code	Usa Ref	Tube	A	B	L1	L2	CH1	CH2	Pack.
84211 H0 006	84211H-04-04	1/4	1/4	.276 (7)	2.047 (52)	.925 (23.5)	.433 (11)	.591 (15)	25
84211 H0 014	84211H-04-06	1/4	3/8	.295 (7.5)	2.047 (52)	.945 (24)	.433 (11)	.669 (17)	25
84211 H0 007	84211H-06-04	3/8	1/4	.276 (7)	2.244 (57)	1.122 (28.5)	.630 (16)	.630 (16)	25
84211 H0 008	84211H-06-06	3/8	3/8	.295 (7.5)	2.244 (57)	1.102 (28)	.630 (16)	.669 (17)	25



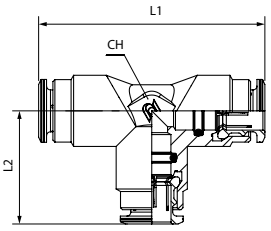


84230H

TEE CONNECTOR

Code	Usa Ref	Tube	L1	L2	CH	Pack.
84230 H0 003	84230H-04	1/4	2.047 (52)	1.024 (26)	.433 (11)	25
84230 H0 005	84230H-06	3/8	2.244 (57)	1.102 (28)	.630 (16)	25



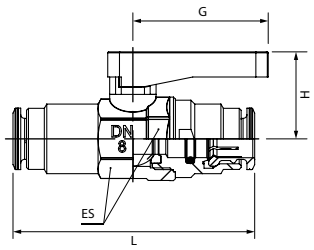


84320H

PUSH-IN CONNECTIONS VALVE

Code	Usa Ref	Tube	L	H	G	ES	Pack.
84320 H0 001	84320H-04-04	1/4	2.303 (58.5)	.886 (22.5)	1.378 (35)	.709 (18) - .748 (19)	25
84320 H0 003	84320H-06-06	3/8	2.461 (62.5)	.886 (22.5)	1.378 (35)	.709 (18) - .748 (19)	25



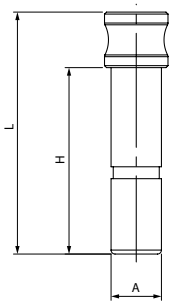


84610H

PLUG

Code	Usa Ref	A	L	H	Pack.
84610 H0 01 DS NB	84610H-04	1/4	1.201 (30.5)	.925 (23.5)	25
84610 00 01 04 NB	84610-06	3/8	1.181 (30)	.866 (22)	25



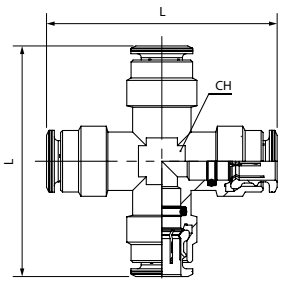


84620H

CROSS CONNECTOR

Code	Usa Ref	A	L	CH	Pack.
84620 H0 001	84620H-04	1/4	2.047 (52)	.512 (13)	25
84620 H0 002	84620H-06	3/8	2.244 (57)	.669 (17)	25



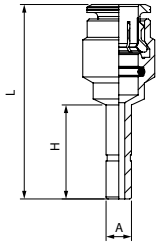


84700H

REDUCER

Code	Usa Ref	Tube	A	L	H	Pack.
84700 H0 003	84700H-04-06	1/4	3/8	1.634 (41.5)	.866 (22)	25
84700 H0 007	84700H-06-04	3/8	1/4	1.909 (48.5)	.925 (23.5)	25





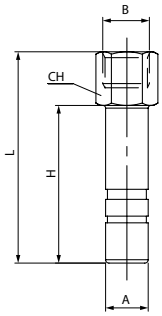
84707H

UNC

REDUCER FOR NOZZLE ADAPTER

Code	Usa Ref	A	B	L	H	CH	Pack.
84707 H0 01 IB NB	84707H-04-24	1/4	10-24 UNC	1.240 (31.5)	.925 (23.5)	.315 (8)	25





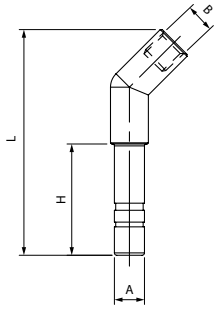
84708H

UNC

REDUCER 45° FOR NOZZLE ADAPTER

Code	Usa Ref	A	B	L	H	Pack.
84708 H0 01 03 NB	84708H-04-24	1/4	10-24 UNC	1.870 (47.5)	.925 (23.5)	25





POLYAMIDE TUBE

T8400

TUBE IN PA12HR



Code	Color		Tube	Ext.	Int.	Bending radius	Working pressure at 68°F (20°C)	Pack.
				inch (mm)	inch (mm)	inch (mm)	psi (bar)	Ft (Mt)
T8400 00 31 00	NE	GR	1/4	.250 (6.35)	.142 (3.6)	1.181 (30)	1117 (77)	328 (100)
T8400 00 41 00	NE	GR	3/8	.375 (9.52)	.197 (5)	1.378 (35)	1262 (87)	328 (100)

Temperature Range

- 40 °F / - 40 °C
+ 176 °F / + 80 °C

Table of pressure values expressed in % as a function of temperature.

68°F / 20°C	86°F / 30°C	104°F / 40°C	122°F / 50°C	140°F / 60°C	158°F / 70°C	176°F / 80°C
100%	82%	62%	50%	45%	38%	35%