

AIR PIPE FITTINGS

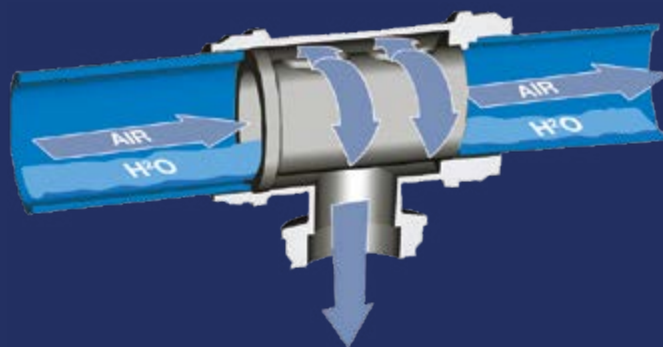
Infinity's all-metal push-in air pipe fittings offer the flexibility and ease of installation of a modular compressed air system.



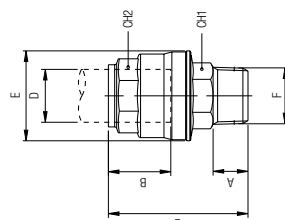
ZERO CONDENSATE REDUCING TEE

The efficient internal system of the Infinity Zero Condensate Tee allows the fluid to reach its destination without any damaging condensation reaching equipment. Condensation stays within the ring main and can be drained off at the most convenient point. Benefits include:

- Eliminates the need for a conventional swan neck fitting
- Blocks condensate from reaching equipment
- Automatically reduces pipe size from ring main to drop leg
- Can be used vertically or horizontally (360° degree rotation)
- Can replace the need for a coupler
- No laminar turbulence ensures consistent air flow



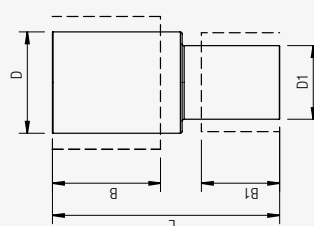
Notes:



90010

STRAIGHT MALE ADAPTOR

Code	D	F	A	B	E	L	CH1	CH2
90010 20 1/2	20	1/2	14	31.5	34.5	56	22	30
90010 20 3/4	20	3/4	16.5	31.5	34.5	61	22	30
90010 25 1/2	32	1/2	14	38.5	42.5	65	27	35
90010 25 3/4	25	3/4	16.5	38.5	42.5	66	27	35
90010 25 1	25	1	19	38.5	42.5	70.5	27	35
90010 32 1	32	1	19	46	52	76.5	34	45
90010 40 1	40	1	19	52	63	89.5	45	55
90010 40 1 1/4	40	1 1/4	21.5	52	63	89.5	45	55
90010 40 1 1/2	40	1 1/2	21.5	52	63	92	50	55
ALUMINIUM								
90010A 50 1	50	1	19	58.5	84	110.5	50	72
90010A 50 1 1/2	50	1 1/2	21.5	58.5	84	112.5	50	72
90010A 50 2	50	2	24	58.5	84	115.5	50	72
90010A 63 2	63	2	24	57.5	94	109.5	50	75
90010A 63 2 1/2	63	2 1/2	24	57.5	94	106.5	50	75



90012

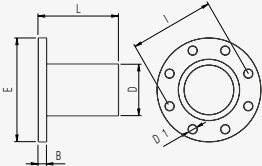
TUBE-TUBE REDUCER

Code	D	B	C	E	L
ALUMINIUM					
90012 80 50	80	50	91	63.5	167
90012 80 63	80	63	91	57.5	168
90012 110 80	110	80	125.5	91	247
90012 168 110	168	110	194	125.5	384

AIR PIPE FITTINGS

Notes:

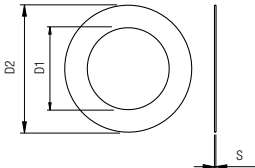
90013
FLANGED TUBE



Code	D	B	C	E	F	DI	I
ALUMINIUM							
90013 80	80	25	20	200	130	131	18
90013 110	110	25	20	200	158	166	18
90013 168	168	27	22	285	216	266	22

Note: The connection dimensions of the flange are designed in conformity with standard UNI EN 1092 - 4 PN 16 (Flange made in aluminium alloy)

90017
FLAT GASKET FOR FLANGE



Code	D	DI	D2	S
90040 80	80	91	3.5	145
90040 110	110	125.5	4	200
90040 168	168	194	5	306

90019
FLANGE KIT (8 SCREWS + 8 NUTS + 16 WASHERS)

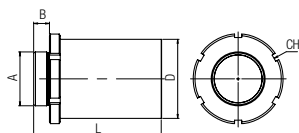


Code	Thread	Size
90019	20	31.5

Notes:

90020

TUBE - MALE REDUCER

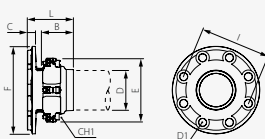


Code	D	A	B	L	CH
ALUMINIUM					
90020 80 2 1/2	80	2 1/2	22	143	*100
90020 80 3	80	3	23	144	*100
90020 110 2 1/2	110	2 1/2	22	178	*125
90020 110 3	110	3	23	179	*125
90020 110 4	110	4	23	179	*125

* Hook wrench dimensions

90023

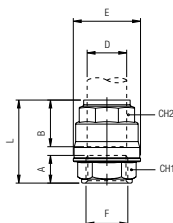
FLANGED STRAIGHT MALE ADAPTOR



Code	D	B	C	E	F	L	DI	I	CH1
ALUMINIUM									
90023 80	80	91	3.5	145	200	105.2	18	160	6
90023 110	110	125.5	4	200	200	147.5	18	180	8

90030

STRAIGHT FEMALE ADAPTOR

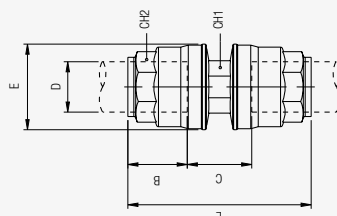


Code	D	F	A	B	E	L	CH	CH2
90030 20 1/2	20	1/2	15	31.5	34.5	49	24	30
90030 25 3/4	25	3/4	16.5	38.5	42.5	56.5	32	35
90030 32 1	32	1	9	46	52	66.5	38	45
90030 40 1 1/4	40	1 1/4	22	52	63	76	50	55

AIR PIPE FITTINGS

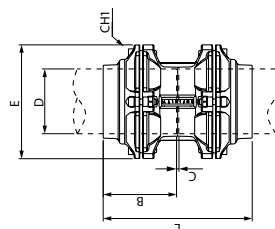
Notes:

90040 STRAIGHT CONNECTOR (Ø 20-25-32-40-50-63)



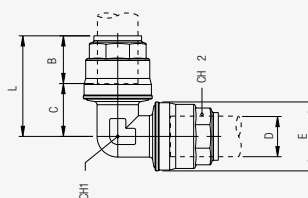
Code	D	B	C	E	L	CH1	CH2
90040 20	20	31.5	14.5	34.5	76.5	21	30
90040 25	25	38.5	13.5	42.5	90.5	26	35
90040 32	32	46	14.5	52	106.5	34	45
90040 40	40	52	21	63	125	41	55
ALUMINIUM							
90040A 50	50	58.5	59	84	175	59	72
90040A 63	63	57.5	44	94	159	73	75

90040 STRAIGHT CONNECTOR (Ø 80-110-168)



Code	D	B	C	E	L	CH1
ALUMINIUM						
90040 80	80	91	3.5	145	186	6
90040 110	110	125.5	4	200	255	8
90040 168	168	194	5	306	393	10

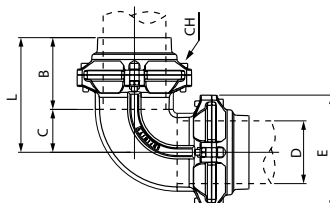
90130 ELBOW CONNECTOR (Ø 20-25-32-40-50-63)



Code	D	B	C	E	L	CH1	CH2
90130 20	20	31.5	19	34.5	51	21	30
90130 25	25	38.5	23	42.5	61.5	26	35
90130 32	32	46	28	52	74.5	34	45
90130 40	40	52	34	63	86.5	41	55
ALUMINIUM							
90130A 50	50	58.5	63	84	121.5	59	72
90130A 63	63	57.5	55.5	94	113	73	75

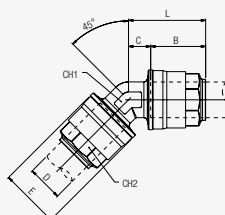
Notes:

90130 ELBOW CONNECTOR (Ø 80-110-168)



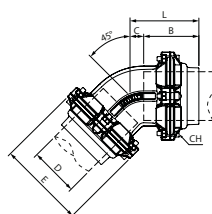
Code	D	B	C	E	L	CH
ALUMINIUM						
90130A 80	80	91	54.5	145	146	6
90130A 110	110	125.5	75	200	200.5	8
90130A 168	168	194	81.5	306	393	10

90140 45° CONNECTOR (Ø 20-25-32-40-50-63)



Code	D	B	C	E	L	CH1	CH2
90140 20	20	31.5	21.5	34.5	44	21	30
90140 25	25	38.5	13.5	42.5	52	26	35
90140 32	32	46	15	52	61	34	45
90140 40	40	52	18	63	70	41	55
ALUMINIUM							
90140A 50	50	58.5	35.5	84	94	59	72
90140A 63	63	57.5	24	94	82	73	75

90140 45° CONNECTOR (Ø 80-110)

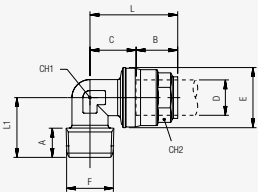


Code	D	B	C	E	L	CH
ALUMINIUM						
90140 80	80	91	22.5	145	114	6
90140 110	110	125.5	31	200	156.5	8

AIR PIPE FITTINGS

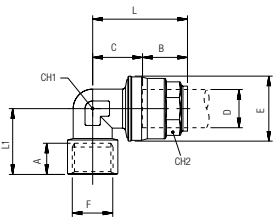
Notes:

90150 ELBOW CONNECTOR MALE - TUBE



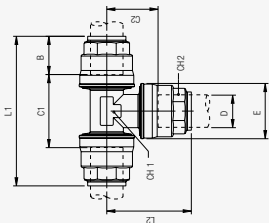
Code	D	F	A	B	C	E	L	L1	CH	CH1
90150 20 1/2	20	1/2	14	31.5	19	34.5	51	32	21	30
90150 25 3/4	25	3/4	16.5	38.5	23	42.5	61.5	37	26	35
90150 32 1	32	1"	19	46	28	52	74.5	49	34	45
90150 40 1 1/4	40	1 1/4"	21.5	52	34	63	86.5	54	41	55

90160 ELBOW CONNECTOR FEMALE - TUBE



Code	D	F	A	B	C	E	L	L1	CH	CH1
90160 20 1/2	20	1/2	13	31.5	19	34.5	51	34.5	21	30
90160 25 3/4	25	3/4	14.5	38.5	23	42.5	61.5	38.5	26	35
90160 32 1	32	1"	16.5	46	28	52	74.5	47.5	34	45
90160 40 1 1/4	40	1 1/4"	20	52	34	63	86.5	56.5	41	55

90230 TEE CONNECTOR (Ø 20-25-32-40-50-63)

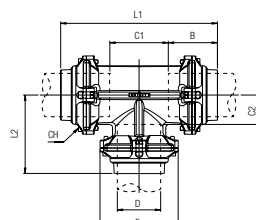


Code	D	E	B	C1	C2	L1	L2	CH1	CH2
90230 20	20	34.5	31.5	34.5	22.5	98	54.5	21	30
90230 25	25	42.5	38.5	37.5	26	113.5	65	26	35
90230 32	32	52	46	46.5	31.5	138.5	77	34	45
90230 40	40	63	52	55.5	38	159.5	90	41	55
ALUMINIUM									
90230A 50	50	84	58.5	126	79	243	122	40.5	72
90230A 63	63	94	57.5	111	55.5	226	113	73	75

Notes:

90230

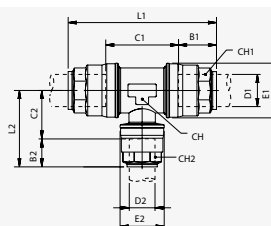
TEE CONNECTOR (Ø 80-110-168)



Code	D	E	B	C1	C2	L1	L2	CH
ALUMINIUM								
90230 80	80	145	91	109	54.5	291.5	138	6
90230 110	110	200	125.5	150.5	75	401	200.5	8
90230 168	168	306	194	235	117.5	623	311.5	10

90235

REDUCING TEE C/W WATER TRAP



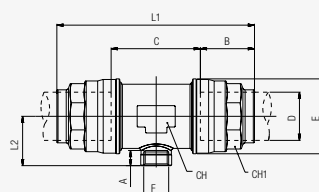
Code	D1	D2	B1	B2	C1	C2	E1	E2	L1	L2	CH	CH1	CH2
90235 20 20	20	20	31.5	31.5	8	22.5	34.5	34.5	109	54	28	30	30
90235 25 20	25	20	38.5	31.5	45.5	27.5	42.5	34.5	121.5	59	35	35	30
90235 32 20	32	20	46	31.5	54.5	31.5	52	34.5	146.5	63	45	45	30
90235 32 25	32	25	46	38	54.5	31.5	52	42.5	146.5	70	45	45	35
90235 40 20	40	20	52.5	31.5	60	34.5	63	34.5	165.5	66	55	55	30
90235 40 25	40	25	52.5	38	60	34.5	63	42.5	165.5	73	55	55	35
ALUMINIUM													
90235A 50 20	50	20	58.5	33	105	57	84	40	222	90	69	72	30
90235A 50 25	50	25	58.5	41	105	57	84	49	222	98	69	72	35
90235A 50 32	50	32	58.5	45	105	57	84	58	222	102	69	72	45
90235A 63 20	63	20	57.5	33	87.5	64.5	94	40	205.5	97	80	75	30
90235A 63 25	63	25	57.5	41	87.5	64.5	94	49	205.5	105	80	75	35
90235A 63 32	63	32	57.5	45	87.5	64.5	94	58	205.5	112	80	75	45

AIR PIPE FITTINGS

Notes:

90236

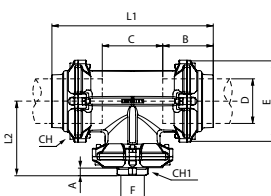
REDUCING TEE C/W WATER
TRAP - BSP FEMALE



Code	D	F	A	B	C	E	L1	L2	CH	CH1
90236 20 3/8	20	3/8	11	31.5	48	34.5	109	25	28	30
90236 20 1/2	20	1/2	13.5	31.5	48	34.5	109	28	28	30
90236 25 3/8	25	3/8	11	38.5	45.5	42.5	121.5	29	35	35
90236 25 1/2	25	1/2	13.5	38.5	45.5	42.5	121.5	31	35	35
90236 32 1/2	32	1/2	13.5	46	54.5	52	146.5	36.5	45	45
90236 40 1/2	40	1/2	13.5	52.5	60	63	165.5	41.5	55	55
ALUMINIUM										
90236A 50 1/2	50	1/2	13.5	58.5	105	84	222	53	69	72
90236A 50 3/4	50	3/4	14.5	58.5	105	84	222	53	69	72
90236A 50 1	50	1	17.5	58.5	105	84	222	53	69	72
90236A 63 1/2	63	1/2	13.5	57.5	88	94	203	53	80	75
90236A 63 3/4	63	3/4	14.5	57.5	88	94	203	54	80	75
90236A 63 1	63	1	17.5	57.5	88	94	203	56.5	80	75

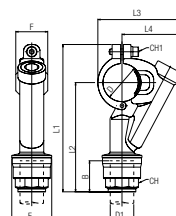
90236

FEMALE FITTING FOR OUTLET
(Ø 80-110-168)



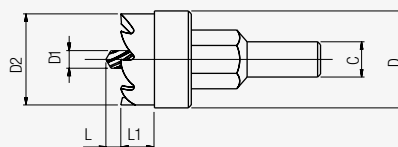
Code	D	F	A	B	C	E	L1	L2	CH	CH1
ALUMINIUM										
90236 80 3/4	80	3/4	14.5	91	109	145	291.5	138	6	42
90236 80 1	80	1	17	91	109	145	291.5	138	6	49
90236 80 1 1/2	80	1 1/2	20	91	109	145	291.5	138	6	66
90236 80 2	80	2	22	91	109	145	291.5	138	6	80
90236 110 3/4	110	3/4	14.5	125.5	150.5	200	401	180	8	42
90236 110 1	110	1	17	125.5	150.5	200	401	180	8	49
90236 110 1 1/2	110	1 1/2	20	125.5	150.5	200	401	180	8	66
90236 110 2	110	2	22	125.5	150.5	200	401	180	8	80
90236 110 3	110	3	24	125.5	150.5	200	401	187.5	8	120
90236 168 3/4	168	3/4	14.5	194	235	306	623	275	10	41.5
90236 168 1	168	1	17	194	235	306	623	277	10	48
90236 168 2	168	2	22	194	235	306	623	277	10	78
90236 168 3	168	3	24	194	235	306	623	277	10	119
90236 168 4	168	4	24	194	235	306	623	286	10	124

Notes:



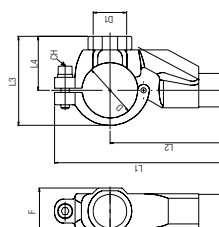
90240 SADDLE CLAMP CONNECTOR

Code	D	D1	B	E	F	L1	L2	L3	L4	CH	CH1
90240 32 20	32	20	31.5	34.5	34	136.5	100.5	78	57	30	5
90240 32 25	32	25	38.5	42.5	34	144.5	108.5	78	57	35	5
90240 40 20	40	20	31.5	34.5	34	148.5	108	89.5	64	30	5
90240 40 25	40	25	38.5	42.5	34	156.5	116	89.5	64	35	5
90240 50 20	50	20	31.5	34.5	42.5	167.5	118.5	105.5	74	30	6
90240 50 25	50	25	38.5	42.5	42.5	175.5	126.5	105.5	74	35	6
90240 63 20	63	20	31.5	34.5	42.5	185	130	119	81	30	6
90240 63 25	63	25	38.5	42.5	42.5	193	138	119	81	35	6



90241 TOOL FOR SADDLE CLAMP CONNECTOR

Code	D	D	D1	D2	L	L1
90241 25	9	17.5	6	17	3	10
90241 32 40	9	24	6	23.5	3	10
90241 50 63	9	31	6	30.5	3	9
90241 168	10	41	6	40.5	3	13



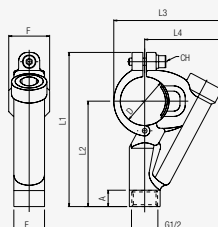
90242 DRILLING JIG

Code	D	D1	F	L1	L2	L3	L4	CH
90242 32	32	24.5	34	115	79	56	35	5
90242 40	40	24.5	34	127	86.5	65	39.5	5
90242 50	50	32	42.5	146	97	79	47.5	6
90242 63	63	32	42.5	163.5	108.5	93	55	6

AIR PIPE FITTINGS

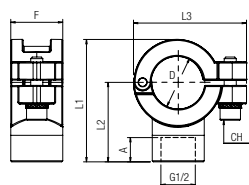
Notes:

90246 FEMALE THREAD SADDLE CLAMP CONNECTOR



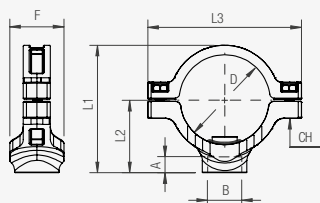
Code	D	G	A	E	F	L1	L2	L3	L4	CH
90246 32 1/2	32	1/2	13	25.5	34	115	79	78	57	5
90246 40 1/2	40	1/2	13	25.5	34	125.5	85	89.5	64	5
90246 50 1/2	50	1/2	13	25.5	42.5	144.5	95.5	105.5	74	6
90246 63 1/2	63	1/2	13	25.5	42.5	162	107	119	81	6

90247 FEMALE SADDLE CLAMP CONNECTOR (Ø 25-32-40-50-63)



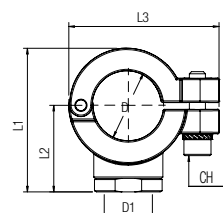
Code	D	F	A	B	C	E	L1	L2
90247 25 1/2	25	1/2	15	25.5	50	39	55.5	5
90247 32 1/2	32	1/2	15	34	63.5	42.5	61.5	5
90247 40 1/2	40	1/2	15	34	71	46	70	5
90247 50 1/2	50	1/2	15	42.5	83.5	52	84.5	6
90247 63 1/2	63	1/2	15	42.5	95.5	57.5	97	6

90247 FEMALE SADDLE CLAMP CONNECTOR (Ø 80-110-168)



Code	D	F	A	B	C	E	L1	L2
90247 80 3/4	80	3/4	16.5	50	117.5	66.5	141.5	6
90247 80 1	80	1	19	50	120	69	141.5	6
90247 110 3/4	110	3/4	16.5	50	152.5	82	189.5	8
90247 110 1	110	1	19	50	155	84.5	189.5	8
90247 110 2	110	2	22	71	165	94	189.5	8
90247 168 1	168	1	19	52	213	114	249	8
90247 168 1 1/2	168	1-1/2	19	74	223	124	249	8
90247 168 2	168	2	22	74	223	124	249	8
90247 168 3/4	168	3/4	16.5	52	213	114	249	8

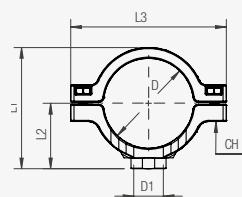
Notes:



90249

DRILLING JIG (Ø 80-110-168)

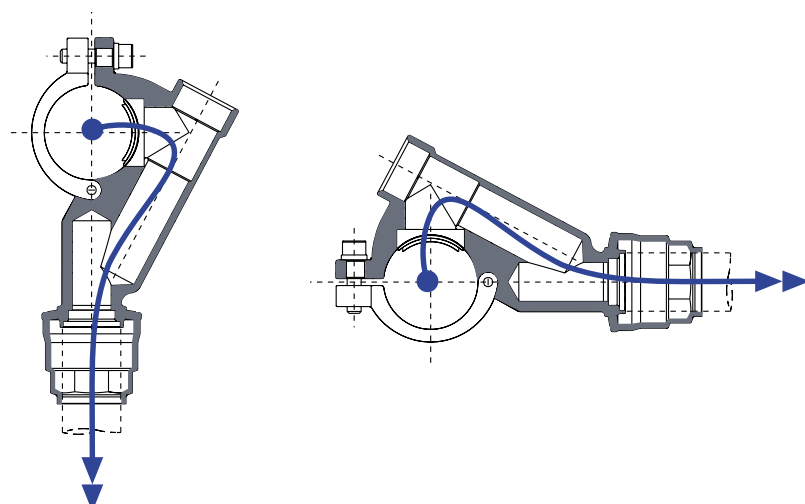
Code	D	D1	F	L1	L2	L3	CH
90249 25	25	17.8	25.5	53	32	55.5	5
90249 32	32	24.5	34	56	35	61.5	5
90249 40	40	24.5	34	65	40	70	5
90249 50	50	32	42.5	79	47.5	84.5	6
90249 63	63	32	42.5	93	55	97	6



90249

DRILLING JIG (Ø 80-110-168)

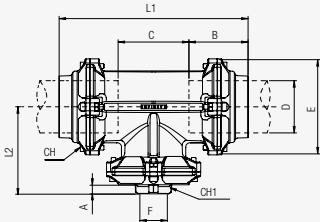
Code	D	D1	F	L1	L2	L3	CH
90249 80	80	24.5	50	110.5	59.5	141.5	6
90249 110	110	24.5	50	135.5	64.5	189.5	8
90249 110 2	110 2	41.5	71	147	77	189.5	8
9024900010	168 3/4 - 168 1	24.5	52	201.5	102.5	248.5	8
9024900009	168 1 1/2 - 168 2	41.5	74	204.5	105.5	248.5	8



AIR PIPE FITTINGS

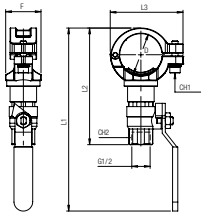
Notes:

90250 FEMALE FITTING WITH CONDENSATE DRAIN OUTLET (Ø 80-110-168)



Code	D	F	A	B	C	E	L1	L2	CH	CH1
ALUMINIUM										
90250A 63 1/2	63	1/2	13.5	57.5	88	94	203	53	80	75
90250 80 3/4	80	3/4	14.5	91	109	145	291.5	138	6	42
90250 110 3/4	110	3/4	14.5	125.5	150.5	200	401	180	8	42

90253 SADDLE CLAMP WITH VALVE (HOT TAP)

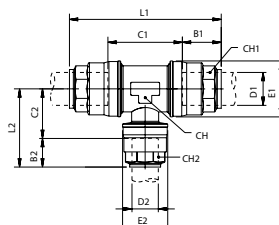


Code	D	G	F	L1	L2	L3	CH1	CH2
90253 25 1/2	25	1/2	25.5	161	97.5	55.5	5	25
90253 32 1/2	32	1/2	34	168	104	61.5	5	25
90253 40 1/2	40	1/2	34	176	112	70	5	25
90253 50 1/2	50	1/2	42.5	188	125	84.5	6	25
90253 63 1/2	63	1/2	42.5	200	137	97	6	25

Notes:

90259

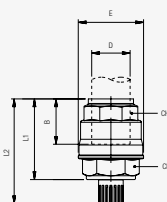
FITTING WITH CONDENSATE OUTLET



Code	D1	D2	B1	B2	C1	C2	E1	E2	L1	L2	CH	CH1	CH2
90259 20 20	20	20	31.5	34.5	22.5	34.5	34.5	98	54.5	21	30	30	30
90259 25 20	25	20	46	31.5	54.5	31.5	34.5	34.5	146.5	63	45	45	30
90259 32 20	32	20	46	38	54.5	31.5	42.5	42.5	146.5	70	45	45	35
90259 40 20	40	20	52.5	31.5	60	34.5	34.5	34.5	165.5	66	55	55	30
ALUMINIUM													
90259A 50 20	50	20	58.5	33	105	57	84	40	222	90	69	72	30
90259A 63 20	63	20	57.5	33	87.5	64.5	94	40	205.5	97	80	75	30

90260

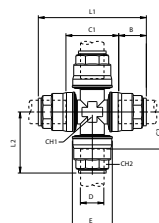
FITTING WITH CONDENSATE EXHAUST



Code	D	B	E	L1	L2	CH1	CH2
90260 20	20	36	34.5	52.5	67	32	30

90300

INTERMEDIATE CROSS FITTING

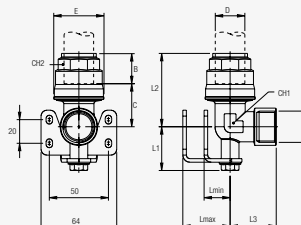


Code	D	E	B	C1	C2	L1	L2	CH1	CH2
90300 20	20	34.5	31.5	34.5	22.5	98	54.5	21	30
90300 25	25	42.5	38.5	37.5	26	113.5	65	26	35
90300 32	32	52	46	46.5	31.5	138.5	77	34	45

AIR PIPE FITTINGS

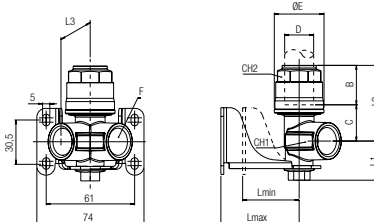
Notes:

90600 SINGLE OUTLET BRACKET FITTING (Ø 20-25-32)



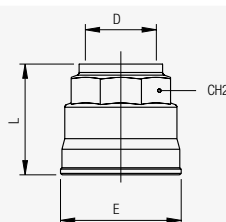
Code	D	F	B	C	E	L1	L2	L3	Lmax	Lmin	CH1	CH2
90600 20 1/2	20	1/2	31.5	19.5	34.5	35	51	35	40	22	21	30
90600 25 3/4	25	3/4	38.5	23	42.5	37	62	39	40	22	26	35
90600 32 1	32	1	46	28	52	41	74.5	48.5	40	26	34	45

90602 DOUBLE OUTLET BRACKET FITTING (Ø 20-25)



Code	D	F	B	C	E	I	L1	L2	Lmax	Lmin	CH1	CH2
90602 20 1/2	20	1/2	31.5	20	34.5	28.5	27	51.5	54	22	26	30
90602 25 1/2	25	1/2	38.5	21	42.5	28.5	27	59	54	22	26	35

90610 PLUG (Ø 20-25-32-40-50-63)



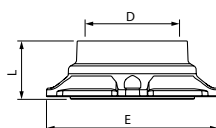
Code	D	L	E	CH2
90610 20	20	33	34.5	30
90610 25	25	39	42.5	35
90610 32	32	46.5	52	45
90610 40	40	53	63	55
ALUMINIUM				
90610A 50	50	73.5	84	72
90610A 63	63	64	94	75

Notes:

90610

PLUG

(Ø 80-110-168)

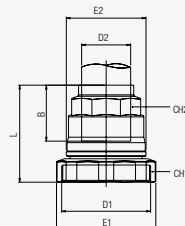


Code	D	L	E
90610 80	80	49.5	145
90610 110	110	68	200
90610 168	168	85	306

90620

REDUCER

(Ø 20-25-32-40-50-63)



Code	D1	D2	B	E1	E2	L	CH1	CH2
90620 25 20	25	20	31.5	43.5	34.5	48	42	30
90620 32 20	32	20	31.5	54	34.5	48.5	52	30
90620 32 25	32	25	38.5	54	42.5	55	52	35
90620 40 20	40	20	31.5	65	34.5	50	63	30
90620 40 25	40	25	38.5	65	42.5	56.5	63	35
90620 40 32	40	32	46	65	52	63.5	63	45
ALUMINIUM								
90620A 50 25	50	25	41	90	49	80	80	35
90620A 50 32	50	32	45	90	58	84	80	45
90620A 63 40	63	40	52	95	63	84.5	92	55
90620A 63 50	63	50	63.5	95	73	92.5	92	65

Assembling 90620

1. Remove the nut
2. Mount Reducer 90620
3. Torque specifications

1



2



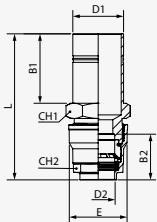
3

Ø mm	Torque specifications
20	3 Nm (26 In - lbs)
25	3 Nm (26 In - lbs)
32	4 Nm (35 In - lbs)
40	6.5 Nm (58 In - lbs)
50	75 Nm (55 ft - lbs)
63	85 Nm (63 ft - lbs)
ALUMINIUM	
50	45 Nm (55 ft - lbs)
63	85 Nm (63 ft - lbs)

AIR PIPE FITTINGS

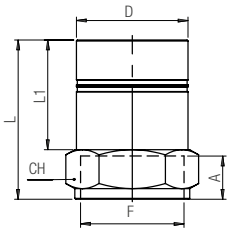
Notes:

90621 STEM REDUCER (Ø 50-63)



Code	D1	D2	B	E1	E2	L	CH1	CH2
ALUMINIUM								
90621A 50 25	50	25	68.5	40.5	49	140	55	35
90621A 50 32	50	32	68.5	45	58	144	55	45
90621A 50 40	50	40	68.5	52	63	139	65	55
90621A 63 25	63	25	62	40.5	49	133.5	65	35
90621A 63 32	63	32	62	45	58	137	65	45
90621A 63 40	63	40	62	52	63	133.5	65	55

90625 FEMALE STEM ADAPTOR (Ø 50-63)

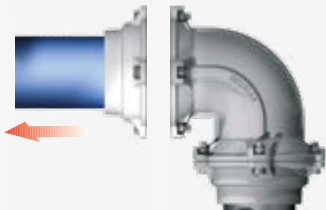


Code	D	F	A	L	L1	CH
ALUMINIUM						
90625A 50 1 1/2	50	1 1/2	20	83	61	55
90625A 63 1 1/2	63	1 1/2	20	84	62	65
90625A 63 2	63	2	22	90	62	65

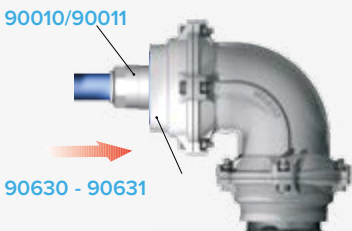
Assembling 90630

1. Remove the flange
2. Mount 90630 & 90010/90011

1



2

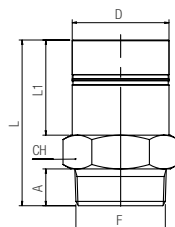


Notes:

90627

MALE STEM ADAPTOR

(Ø 20-25-32-40-50-63)

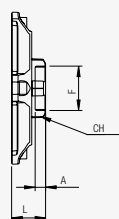


Code	D	F	A	L	L1	CH
90627 20 1/2	20	1/2	14	56	35	22
90627 20 3/4	20	3/4	16.5	59.5	35	27
90627 25 1/2	25	1/2	14	64	42	27
90627 25 3/4	25	3/4	16.5	66.5	42	27
90627 25 1	25	1	19	71	42	34
90627 32 1	32	1	19	80	51	34
ALUMINIUM						
90627A 32 1 1/2	32	1 1/2	21.5	87.5	51	50
90627A 40 1 1/2	40	1 1/2	21.5	92	55.5	50
90627A 50 1 1/2	50	1 1/2	21.5	105	68.5	55
90627A 50 2	50	2	24	112.5	68.5	65
90627A 63 2	63	2	24	108	62	65
90627A 63 2 1/2	63	2 1/2	24	128	82	75

90630

BSPF FEMALE REDUCER

(Ø 80-110-168)

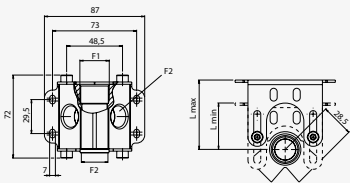


Code	D	A	B	L	CH
ALUMINIUM					
90630 80 3/4	80	3/4	14.5	42	42
90630 80 1	80	1	17	42	49
90630 80 1 1/2	80	1 1/2	20	42	66
90630 80 2	80	2	22	42	80
90630 110 3/4	110	3/4	14.5	48	42
90630 110 1	110	1	17	48	49
90630 110 1 1/2	110	1 1/2	20	48	66
90630 110 2	110	2	22	48	80
90630 110 3	110	3	24	51.5	120
90630 168 3/4	168	3/4	14.5	99.5	42
90630 168 1	168	1	17	102	49
90630 168 2	168	2	22	102	80
90630 168 3	168	3	24	108.5	120
90630 168 4	168	4	24	110	145

AIR PIPE FITTINGS

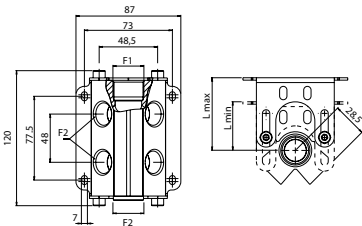
Notes:

90642 2 WAY MANIFOLD



Code	F1	F2	No.	Lmax	Lmin
90642 1/2 1/2 2	1/2	1/2	2	60	35
90642 3/4 1/2 2	3/4	1/2	2	60	35

90644 4 WAY MANIFOLD



Code	F1	F2	No.	Lmax	Lmin
90644 1/2 1/2 4	1/2	1/2	4	60	35
90644 3/4 1/2 4	3/4	1/2	4	60	35

APPLICATION EXAMPLES

90642
90720
6310
661



90642
90010
6310
191



90642
90010
191



90644
90720
6310
661



90644
90010
6310
191



90644
90010
6310
191

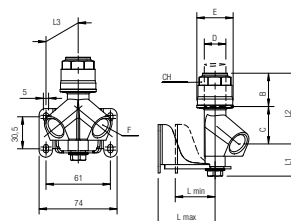


Notes:

90660

2 WAY TUBE MANIFOLD

FEMALE

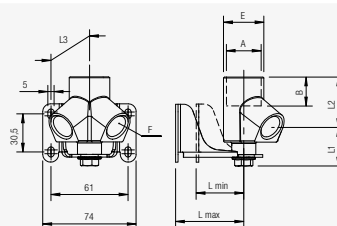


Code	D	F	B	C	E	L1	L2	L3	Lmax	Lmin	CH
90660 20 1/2	20	1/2	31.5	34.5	34.5	31	66	37.5	54	22	30
90660 25 1/2	25	1/2	38.5	33	42.5	31	71.5	37.5	54	22	35

90662

2 WAY TUBE MANIFOLD

FEMALE

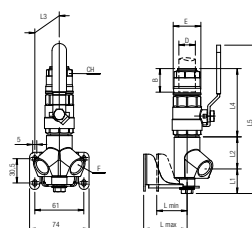


Code	A	F	B	E	L1	L2	L3	Lmax	Lmin
90662 1/2 1/2	1/2	1/2	13	32	31	40.5	37.5	54	22
90662 3/4 1/2	3/4	1/2	16.5	32	31	39	37.5	54	22

90664

2 WAY BALL VALVE MANIFOLD

FEMALE



Code	D	F	B	E	L1	L2	L3	L4	L5	Lmax	Lmin	CH
90664 20 1/2	20	1/2	31.5	34.5	31	40.5	37.5	84.5	184	54	22	30
90664 25 1/2	25	1/2	38.5	42.5	31	39	37.5	101.5	209	54	22	35

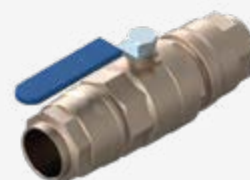
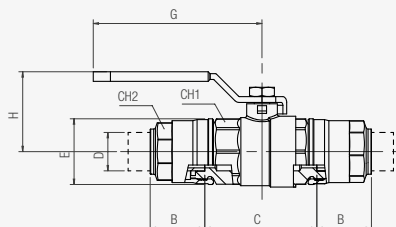
AIR PIPE FITTINGS

Notes:

90700

BALL VALVE

(Ø 20-25-32-40-50-63)

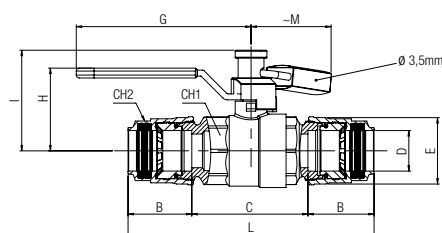


Code	D	DN	B	C	E	L	CH1	CH2	G	H
90700 20	20	17	31.5	58.5	34.5	121.5	32	30	88	42
90700 25	25	22	38.5	61.5	42.5	138.5	41	35	106	47.5
90700 32	32	29	46	75	52	167	50	45	106	53
90700 40	40	37	52.5	81	63	186	59	55	134	65
ALUMINIUM										
90700A 50	50	46	65	115	84	245	69	74	134	72.5
90700A 63	63	59	57.5	126	94	232	89	75	240	111.5

90705

LOCKABLE BALL VALVE

(Ø 20-25-32-40-50)



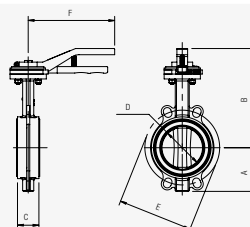
Code	D	DN	B	C	E	L	CH1	CH2	G	H	I	M
90705 20	20	17	31.5	58.5	34.5	121.5	32	30	88	42	50.7	45
90705 25	25	22	38.5	61.5	42.5	138.5	41	35	106	47.5	59.5	45
90705 32	32	29	46	75	52	167	50	45	106	53	65	45
90705 40	40	37	52.5	81	63	186	59	55	134	65	74.5	47
ALUMINIUM												
90705A 50	50	46	65	115	84	245	69	74	134	72.5	82	47

90710

BUTTERFLY VALVE

WITH SCREWS, NUTS & WASHERS

(Ø 80-110-168)



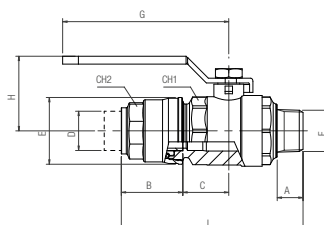
Code	D	DN	A	B	C	E	F
90710 80	80	77	87	216	46	160	265
90710 110	110	100	106	201	52	180	265
90710 168	168	150	126	202	56	240	265

Notes:

90720

TUBE BALL VALVE

MALE

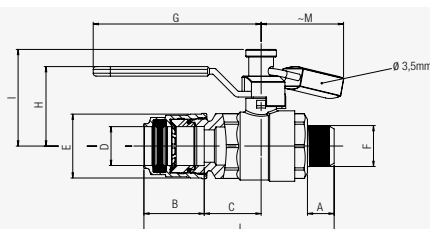


Code	D	F	DN	A	B	C	E	L	CH1	CH2	G	H
90720 20 1/2	20	1/2	15	18	31.5	29.3	34.5	100.8	32	30	88	42
90720 25 3/4	25	3/4	20	18	38.5	30.8	42.5	119.3	41	35	106	47.5

90725

LOCKABLE TUBE BALL VALVE

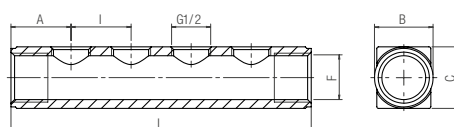
MALE



Code	D	F	DN	A	B	C	E	L	CH1	CH2	G	H	I	M
90725 20 1/2	20	1/2	15	18	31.5	29.3	34.5	100.8	32	30	88	42	50.7	45
90725 25 3/4	25	3/4	20	18	38.5	30.8	42.5	119.3	41	35	106	47.5	59.5	45

90790

4 PORT DISTRIBUTION MANIFOLD



Code	F	A	B	C	L	I	
9079000001	3/4	1/2	25	31	34	164	38
9079000002	1	1/2	30	37.5	37	174	38
9079000003	1 1/4	1/2	30	47	50	210	50