

DISTRIBUTION SYSTEM FOR COMPRESSED AIR, INERT GASES AND VACUUM



Serie 14 mm

CALIBRATED ALUMINIUM TUBES - 2.5 METERS (8 ft)

COLORS



LB

LIGHT
BLUE



GR

GREY



NE

BLACK

90000 - 2.5 m (8 ft)

CALIBRATED ALUMINIUM TUBES LIGHT BLUE COLOUR



Code	Item	Ø	Color	Wall Thickness	Max Pressures	Weight	Lenght	Pack.
		mm		mm	bar	g/m	m	
90000 25 014 AZ	90000LB-25-14	14	LB	1.5	16	235	2.5 m	10

90000 - 2.5 m (8 ft)

CALIBRATED ALUMINIUM TUBES GREY COLOUR



Code	Item	Ø	Color	Wall Thickness	Max Pressures	Weight	Lenght	Pack.
		mm		mm	bar	g/m	m	
90000 25 014 GR	90000GY-25-14	14	GR	1.5	16	235	2.5 m	10

90000 - 2.5 m (8 ft)

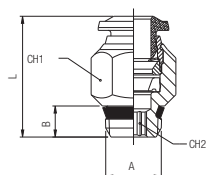
CALIBRATED ALUMINIUM TUBES BLACK COLOUR



Code	Item	Ø	Color	Wall Thickness	Max Pressures	Weight	Lenght	Pack.
		mm		mm	bar	g/m	m	
90000 25 014 NE	90000BK-25-14	14	NE	1.5	16	235	2.5 m	10

50000N

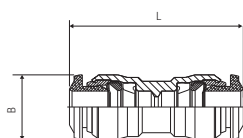
STRAIGHT MALE



Code	Part No.	Tube	A	B	L	CH1	CH2
55000 00 019	50000N-14-3/8	14	3/8	7,5	32,5	21	9
55000 00 020	50000N-14-1/2	14	1/2	9	31,5	21	10

50040N

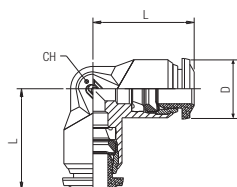
UNION



Code	Part No.	Tube	Tube	L	B
50040 00 N10	50040N-14	14	14	49	21,5

50130N

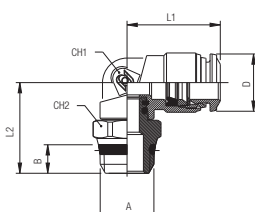
UNION ELBOW



Code	Part No.	Tube	L	CH	D
50130 00 N08	50130N-14	14	32,5	19	21,5

50110N

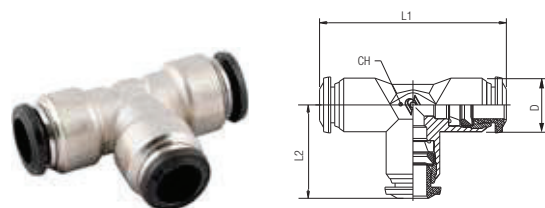
SWIVEL ELBOW



Code	Part No.	Tube	A	B	L1	L2	CH1	CH2	D
50111 00 N15	50110N-14-3/8	14	3/8	7.5	31,5	27	16	20	21,5
50111 00 N16	50110N-14-1/2	14	1/2	9	31,5	29,5	16	21	21,5

50230N

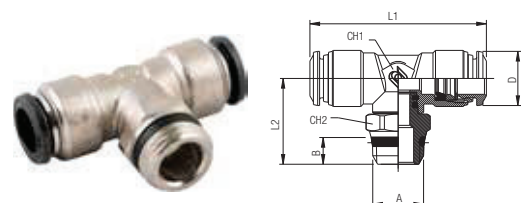
UNION TEE



Code	Part No.	Tube	L1	L2	CH	D
50230 00 N08	50230N-14	14	65,5	32,5	19	21,5

50210N

SWIVEL BRANCH TEE

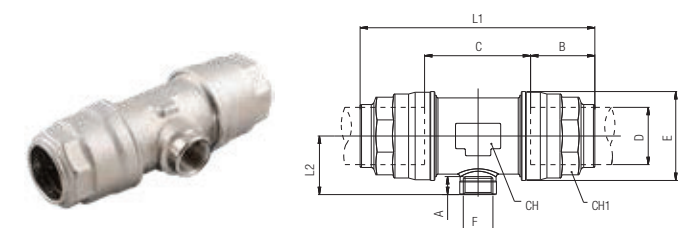


Code	Part No.	Tube	A	B	L1	L2	CH1	CH2	D
50211 00 N15	50210N-14-3/8	14	3/8	.75	62,5	29,5	16	20	21,5
50211 00 N16	50210N-14-1/2	14	1/2	9	62,5	32	16	21	21,5

90237

FEMALE OUTLET REDUCING TEE

NPTF

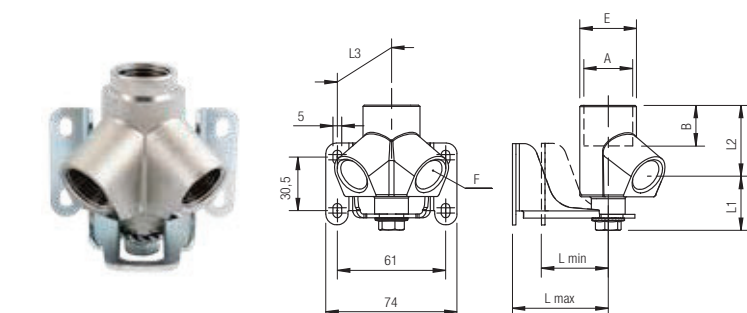


Code	Item	D	F(NPTF)	A	B	C	E	L1	L2	CH	CH1	Pack.
90237 00 007	90237-20-08	20	1/2	13.5	31.5	48	34.5	109	25	28	30	3

90663

THREADED INCLINED DOUBLE OUTLET

NPTF

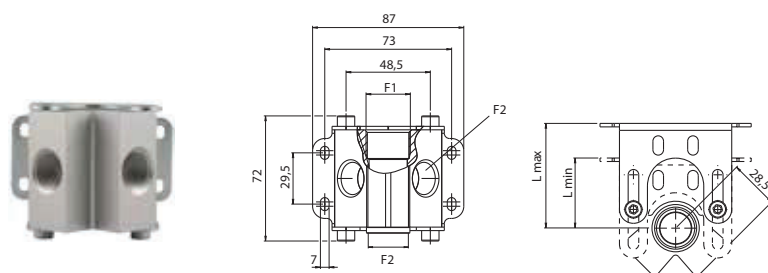


Code	Item	A(NPTF)	F(NPTF)	B	E	L1	L2	L3	L min	L max	Pack.
90663 00 001	90663-08-08	1/2	1/2	13.5	32	31	40.5	37.5	22	54	2

90643

2 WAY MANIFOLD

NPTF

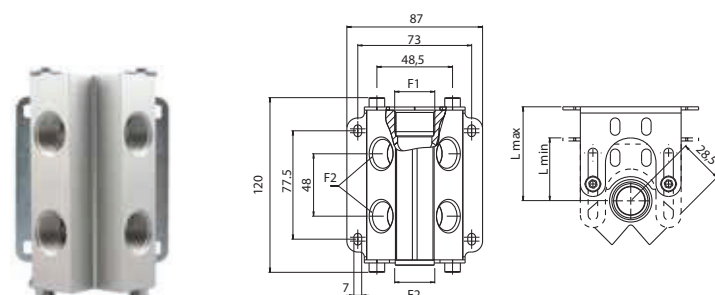


Code	Item	F1(NPTF)	F2(NPTF)	N°	Lmax	Lmin	Pack.
90643 00 001	90643-08-08	1/2	1/2	2	60	35	1

90645

4 WAY MANIFOLD

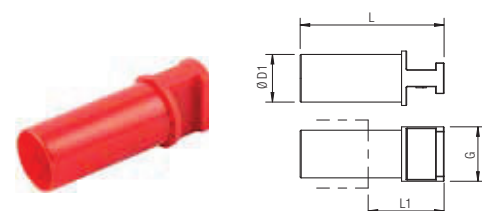
NPTF



Code	Item	F1(NPTF)	F2(NPTF)	N°	Lmax	Lmin	Pack.
90645 00 001	90645-08-08	1/2	1/2	4	60	35	1

50610

POLYAMIDE PLUG



Code	Part No.	ØD1	G	L	L1
50610 00 31 Y3 RO	50610-14	14	16	42	19.5

80191

1/4" MALE MULTI-SOCKET



Code	Item	A NPTF
80191 00 001	80191-04	1/4
80191 00 002	80191-06	3/8
80191 00 003	80191-08	1/2

80192

1/4" FEMALE MULTI-SOCKET



Code	Item	A NPTF
80192 00 001	80192-04	1/4
80192 00 002	80192-06	3/8
80192 00 003	80192-08	1/2

80221

1/4" INDUSTRIAL MALE STUD



Code	Item	A NPTF
80221 00 01 03 NB	80221-04	1/4
80221 00 01 04 NB	80221-06	3/8
80221 00 01 05 NB	80221-08	1/2

80222

1/4" INDUSTRIAL FEMALE STUD



Code	Item	A NPTF
80222 00 01 03 NB	80222-04	1/4
80222 00 01 04 NB	80222-06	3/8
80222 00 01 05 NB	80222-08	1/2

80231

3/8" INDUSTRIAL MALE STUD



Code	Item	A NPTF
80231 00 01 04 NB	80231-06	3/8
80231 00 01 05 NB	80231-08	1/2

80232

3/8" INDUSTRIAL FEMALE STUD



Code	Item	A NPTF
80232 00 01 04 NB	80232-06	3/8
80232 00 01 05 NB	80232-08	1/2

80621

1/4" INDUSTRIAL MALE SAFETY COUPLER



Code	Item	A NPTF
80621 00 001	80621-04	1/4
80621 00 002	80621-06	3/8
80621 00 003	80621-08	1/2

80622

1/4" INDUSTRIAL FEMALE SAFETY COUPLER



Code	Item	A NPTF
80622 00 001	80622-04	1/4
80622 00 002	80622-06	3/8
80622 00 003	80622-08	1/2

82320

1/2" SWIFT-FIT PLUG



Code	Item	A NPTF
82320 00 005	82320-08	1/2

82600

WYE OUTLET



Code	Item	A NPTF
82600 00 01 05 NB	82600-08-08	1/2

86300

FEMALE X FEMALE MINI BALL VALVE



Code	Item	A NPTF
86300 00 003	86300-06-06	3/8
86300 00 004	86300-08-08	1/2

86310

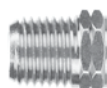
MALE X FEMALE MINI BALL VALVE



Code	Item	A NPTF
86310 00 003	86310-06-06	3/8
86310 00 004	86310-08-08	1/2
86310 00 005	86310-12-12	3/4

82280

MALE X FEMALE REDUCER



Code	Item	A NPTF
82280 00 01 AE NB	82280-08-04	1/2

80194

3/8" MALE MULTI-SOCKET



Code	Item	A NPTF
80197 00 001	80194-06	3/8
80197 00 002	80194-08	1/2

80195

3/8" FEMALE MULTI-SOCKET



Code	Item	A NPTF
80198 00 001	80195-06	3/8
80198 00 002	80195-08	1/2

60191

1/4" STAINLESS STEEL MALE MULTI-SOCKET



Code	Item	A NPTF
83191 00 001	60191-04	1/4

60192

1/4" STAINLESS STEEL FEMALE MULTI-SOCKET



Code	Item	A NPTF
83192 00 001	60192-04	1/4

60221

1/4" STAINLESS STEEL INDUSTRIAL MALE STUD



Code	Item	A NPTF
83221 AX 44 03 00	60221-04	1/4

60222

1/4" STAINLESS STEEL INDUSTRIAL FEMALE STUD



Code	Item	A NPTF
83222 AX 44 03 00	60222-04	1/4

N100 Mini



Code	Size
N100 002 231 100	FR+L0
N100 003 231 100	FR+L0
Thread	Filtration
1/8	20µm
1/4	20µm
Regulation	Pack.
0 ÷ 8 bar	1
0 ÷ 8 bar	1

N100



Code	Size
N100 104 231 100	FR+L1
N100 205 231 100	FR+L2
N100 309 231 100	FR+L3
Thread	Filtration
3/8"	20 µm
1/2"	20 µm
1"	20 µm
Regulation	Pack.
0 ÷ 8 bar	1
0 ÷ 8 bar	1
0 ÷ 8 bar	1

MAN01/02

MANOMETER BACK CONNECTION



Code	Item	Bar
MAN01 N2 020 000		0 ÷ 4
MAN01 N2 050 000		0 ÷ 6
MAN01 N2 060 000		0 ÷ 10
MAN01 N2 040 000		0 ÷ 12
MAN02 N2 050 000		0 ÷ 6
MAN02 N2 040 000		0 ÷ 12

87861-90

FITTING KIT



Code	Description
87000-04-04	Straight Male - 1/4 Tube x 1/4 Male
87000-06-06	Straight Male - 3/8 Tube x 3/8 Male
87000-08-08	Straight Male - 1/2 Tube x 1/2 Male
87110-04-04	Swivel Elbow - 1/4 Tube x 1/4 Male
87110-06-06	Swivel Elbow - 3/8 Tube x 3/8 Male
87110-08-08	Swivel Elbow - 1/2 Tube x 1/2 Male
87210-04-04	Swivel Branch Tee - 1/4 Tube x 1/4 Male
87210-06-06	Swivel Branch Tee - 3/8 Tube x 3/8 Male
87210-08-08	Swivel Branch Tee - 1/2 Tube x 1/2 Male
88040-04	Union - 1/4 Tube
88040-06	Union - 3/8 Tube
88040-08	Union - 1/2 Tube
88130-04	Union Elbow - 1/4 Tube
88130-06	Union Elbow - 3/8 Tube
88130-08	Union Elbow - 1/2 Tube
88230-04	Union Tee - 1/4 Tube
88230-06	Union Tee - 3/8 Tube
88230-08	Union Tee - 1/2 Tube

50861-N90

FITTING KIT



Code	Description
50000N-6-1/800	Sf St MI 6mm Tb x 1/8
50000N-6-1/400	Sf St MI 6mm Tb x 1/4
50000N-8-1/800	Sf St MI 8mm Tb x 1/8
50000N-8-1/400	Sf St MI 8mm Tb x 1/4
50000N-8-3/800	Sf St MI 8mm Tb x 3/8
50000N-10-1/400	Sf St MI 10mm Tb x 1/4
50000N-10-3/800	Sf St MI 10mm Tb x 3/8
50110N-6-1/800	Sf Svl MI El 6mm Tb x 1/8
50110N-6-1/400	Sf Svl MI El 6mm Tb x 1/4
50110N-8-1/400	Sf Svl MI El 8mm Tb x 1/4
50110N-8-3/800	Sf Svl MI El 8mm Tb x 3/8
50110N-10-3/800	Sf Svl MI El 10mm Tb x 3/8
50110N-10-1/200	Sf Svl MI El 10mm Tb x 1/2
50040N-600	Union 6mm Tb
50040N-800	Union 8mm Tb
50040N-1000	Union 10mm Tb
50230N-600	Union T 6mm Tb
50230N-800	Union T 8mm Tb
50230N-1000	Union T 10mm Tb



TECHNICAL CHARACTERISTICS



Media

- Compressed Air
- Water

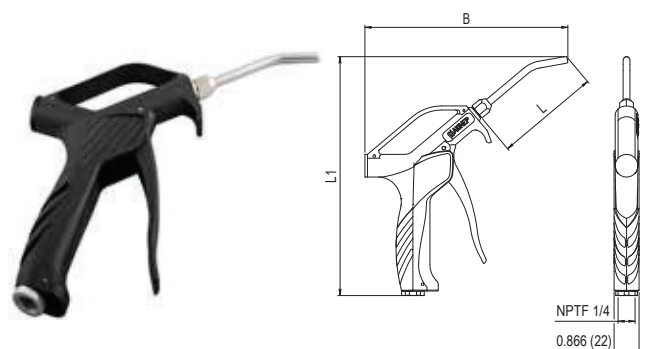


Component Parts and Materials

- 1 Technopolymer Body
- 2 Anodized aluminum Back Connection
- 3 Nickel-plated Brass Locking Nut
- 4 Stainless Steel AISI 304 Nozzle

WB361

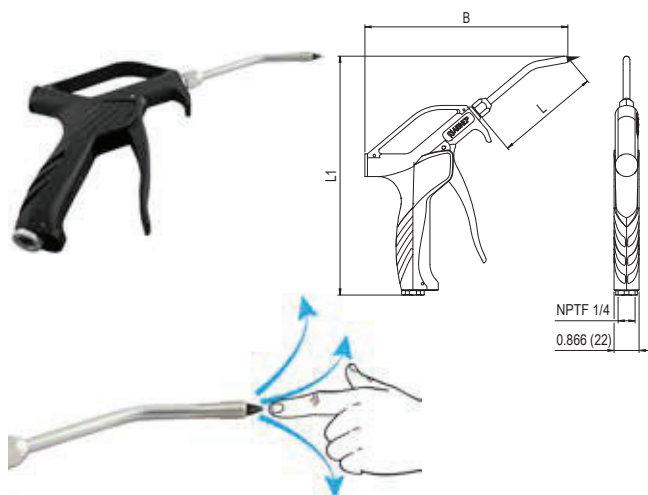
BLOW GUN WITH STAINLESS STEEL NOZZLE



Code	L	L1	B
WB361 00 001	90	8.287 (210,5)	7.047 (179)
		min	max
Temperature		- 10 °C (14 F)	+ 80 °C (176 F)
Pressure		12 bar (174 Psi) (1.2 MPa)	
433 NI/min @ 6 bar (87 Psi) - 533 NI/min @ 8 bar (116 Psi)			
LAeq 89 dBA @ 6 bar (87 Psi)			
LAeq 90 dBA @ 8 bar (116 Psi)			
Force on handl		19,8 N @ 6 bar (87 Psi)	
Blowing force		3,7 N @ 6 bar (87 Psi)	
2003/10/CE		Max 85 dBA	3 hr @ 6 bar (87 Psi) 3 hr @ 8 bar (116 Psi)
OSHA 1910.95 (b)		Max 90 dB 8 hr (116 Psi)	

WB362

SAFETY BLOW GUN WITH STAINLESS STEEL NOZZLE



Code	L	L1	B
WB362 00 001	90	8.287 (210,5)	7.303 (185,5)
		min	max
Temperature		- 10 °C (14 F)	+ 80 °C (176 F)
Pressure		12 bar (174 Psi) (1.2 MPa)	
383 NI/min @ 6 bar (87 Psi) - 500 NI/min @ 8 bar (116 Psi)			
LAeq 78 dBA @ 6 bar (87 Psi)			
LAeq 84 dBA @ 8 bar (116 Psi)			
Force on handle		19,8 N @ 6 bar (87 Psi)	
Blowing force		3,4 N @ 6 bar (87 Psi)	
2003/10/CE		Max 85 dBA	8 hr @ 6 bar (87 Psi) 6 hr @ 8 bar (116 Psi)
OSHA 1910.95 (b)		Max 90 dB 8 hr	
OSHA 1910.242 (b)		Max 2,1 bar (30 Psi) when blocked	