



TECHNOPOLYMER PUSH-IN FITTINGS



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APPLICATION:

One-touch fitting is for the application of air pressure tubing. However, it applies to other application depend upon the user condition.

CHARACTERISTICS:

Quick installation, simple and flexible, space-saving

The tube fitting comes in a wide variety of models to meet all your needs in pneumatic piping.

Even after installation, the direction of tubing can be changed freely.

The release ring adopts the ellipse design to make it more convenient and labor-saving for disconnection.

All taper pipe threads are pre-coated with Teflon with fine seal performance

All fittings are equipped with the internal hexagonal holes. It is easy for them to be mounted in the narrow places.

SPECIFICATION:

Fluids: Air, vacuum

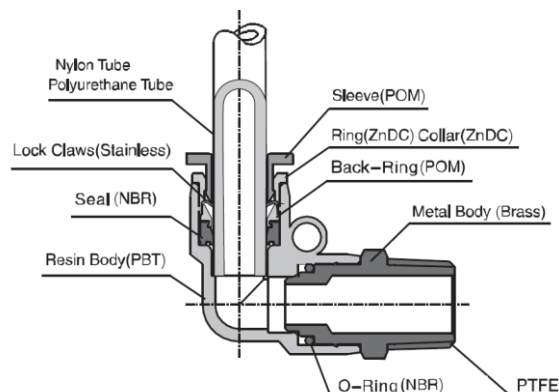
Pressure Range: 0...1MPa

Negative Pressure: -100KPa (10 Torr)

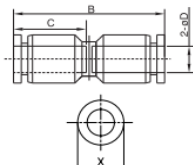
Max Pressure: 1.5 MPa

Temperature range: -20°C...80°C

Applicable Tube: Polyurethane, Polyamide, Bi-Polymer

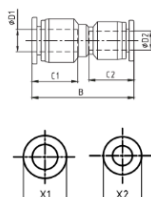


Union Straight Fittings



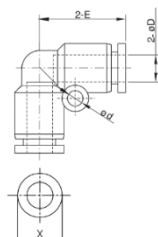
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853154	4	33	10	14.9
853155	6	34.6	12	15.4
853156	8	38.5	14	17.8
853157	10	47	17	20.5
853158	12	48.6	20	22.9
858816	16	50	23.5	24

Union Straight Reduction Fittings



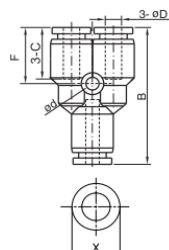
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853353	4	3	24.9	8.1	8.1	12	9.3
853166	6	4	31	12	10	15.5	14.4
853167	8	6	34.6	14	12	17.8	15.5
853168	10	8	39.4	17	14	20.5	17.8
858818	12	10	44.2	20	17	22.6	20.5

Union Elbow Fittings



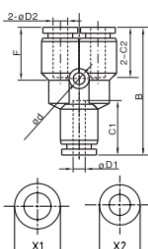
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853360	3	3.2	11.4	6.2	9.3
853170	4	3.2	17.5	10	14.9
853171	6	3.3	18.8	12	15.5
853172	8	3.3	22.5	14	17.8
853173	10	4.3	27.2	17	20.5
853174	12	4.3	29.3	20	22.9
858819	16	4.3	32.5	23.5	24

Union Y Fittings



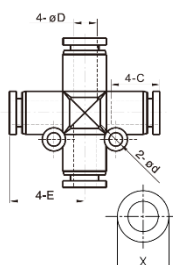
CODE	ØD1	Ød	B	F	C
853186	4	3.3	35.5	14	14.9
853187	6	3.3	36.6	14.8	15.5
853188	8	3.3	39.8	17.8	17.3
853189	10	4.3	48.9	20.6	20
853190	12	4.3	52.6	21.3	22.9
858823	16	5.1	61	22.5	24

Union Y Reduction Fittings



CODE	ØD1	ØD2	B	X1	X2	C1	C2	Ød	F
853192	6	4	36.1	12	10	15.8	14.9	3.3	14
853193	8	6	39.9	14	12	19	15.5	3.3	14.6
853194	10	8	48.4	17	14	22.2	17.8	3.3	17.9
858824	12	10	51.4	20	17	23.4	20.3	4.3	20.4
858825	16	12	56.3	23.5	20	25	22.6	4.3	21.3

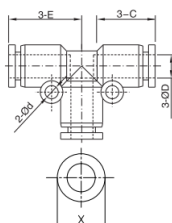
Union Cross Fittings



CODE	ØD	Ød	E	X	C
860078	4	3.3	17.5	10	14.9
860079	6	3.3	18.8	12	15.5
860080	8	3.3	22.5	14	17.8
860081	10	4.3	27.9	17	21
860082	12	4.3	29.3	20	22.9
860078	4	3.3	17.5	10	14.9

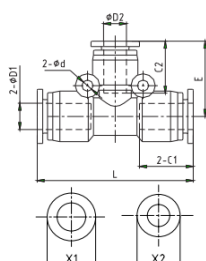
Technopolymer Push-in Fittings

Union Tee Fittings



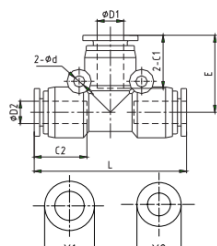
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853368	3	3.2	11.4	6.2	9.3
853180	4	3.3	18.5	10.0	15.4
853181	6	3.3	19.0	12.0	15.3
853182	8	3.3	22.5	14.0	17.8
853183	10	4.3	27.9	17.0	21.0
853184	12	4.3	29.3	20.0	22.9
858822	16	4.3	32.5	23.5	24.0

Union Tee Centre Reduction Fittings



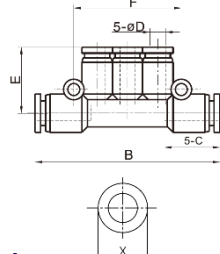
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859750	6	4	15.5	15.4	3.3	19	38.1	12	10
859752	8	6	17.8	16	3.3	22.1	44.9	14	12
859753	10	6	21	16	4.3	27.1	55.8	17	12
859755	10	8	21	17.8	4.3	27.5	55.8	17	14
859757	12	10	22.9	21	4.3	28.9	58.6	20	17
859759	16	12	24	22.9	4.3	31.8	65	23.5	20

Union Tee Lateral Reduction Fittings



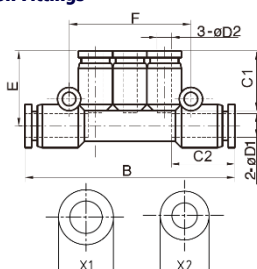
CODE	ØD1	ØD2	C1	C2	Ød	E	L	X1	X2
859751	6	4	15.5	15.4	3.3	19.1	38	12	10
859754	8	6	17.8	15.5	3.3	22.5	44	14	12
859756	10	8	21	17.8	4.3	27.9	55	17	14
859758	12	10	22.9	21	4.3	29.3	57.8	20	17
859760	16	12	24	22.9	4.3	32.5	63.6	23.5	20

Triple Union Fittings



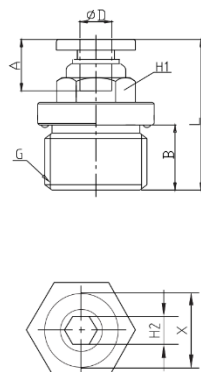
CODE	ØD1	Ød	F	E	B	X	C
859961	4	3.3	36	19	57	10	14.9
859962	6	4.3	42	20.1	61.1	12	15.5
859963	8	4.3	48	24	81	14	18.3

Triple Union Reduction Fittings



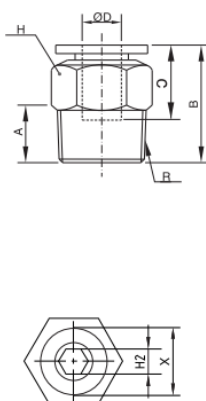
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859993	6	4	3.3	19	36	57.1	12	10	14.9	15.5
859994	8	4	3.3	20	42	61.1	14	10	14.9	18.3
859995	8	6	4.3	20.1	42	61.1	14	12	15.5	18.3
859996	10	6	4.3	23.8	48	81.8	17	12	15.5	21
859997	10	8	4.3	24	48	81.8	17	14	18.3	21

Parallel Male Straight Fitting



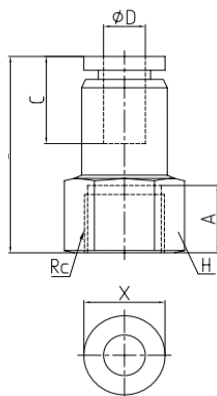
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853040	4	M5	14.6	4	10	2	20.8	10
853041	4	G1/8	14.9	5.5	10	3	19	10
853042	4	G1/4	14.9	6.5	10	3	17	10
853043	6	M5	14.6	4	12	2	22.5	12
853044	6	G1/8	16	5.5	12	4	20	12
853045	6	G1/4	16	6.5	12	4	21	12
853046	6	G3/8	16	7.5	12	4	20	12
858716	6	G112	16	9.5	14	4	23	12
853047	8	G1/8	18.2	5.5	14	5	27	14
853048	8	G1/4	18.2	6.5	14	6	23	14
853049	8	G3/8	18.2	7.5	14	6	22	14
858717	8	G1/2	18.2	9.5	14	6	24	14
858718	10	G1/8	20.3	5.5	17	5	29	17
853050	10	G1/4	20.3	6.5	17	6	30	17
853051	10	G3/8	20.3	7.5	17	8	26	17
853052	10	G1/2	20.3	9.5	17	8	25	17
858719	12	G1/8	22.7	5.5	21	5	32	20
853053	12	G114	22.7	6.5	21	6	33	20
853054	12	G3/8	22.7	7.5	21	8	35	20
853055	12	G1/2	22.7	9.5	21	8	31	20
858720	16	G3/8	25	7.5	24	8	36	23.5
858721	16	G1/2	25	9.5	24	10	38	23.5

Tapered Male Straight Fitting



CODE	ØD	G	A	B	H	H2	X	CX
853025	4	R1/8	8	20.3	10	3	10	14.9
853026	4	R1/4	11	19.4	14	3	10	14.9
853027	6	R1/8	8	21.5	12	4	12	16.2
853028	6	R1/4	11	24.2	14	4	12	16.2
853029	6	R3/8	12	22.2	17	4	12	16.2
858710	6	R1/2	15	26.2	21	4	12	16.2
853030	8	R1/8	8.5	28	14	5	14	18.1
853031	8	R1/4	11	26	14	6	14	18.1
853032	8	R3/8	12	23.6	17	6	14	18.1
858711	8	R1/2	15	27	21	6	14	18.1
858712	10	R1/8	8.5	30.8	17	5	17	20.5
853033	10	R1/4	11.5	33	17	6	17	20.5
853034	10	R3/8	12	28.6	17	8	17	20.5
853035	10	R1/2	15	27	21	8	17	20.5
858713	12	R1/8	8.5	32.6	21	5	20	22.7
853036	12	R1/4	11.5	35.6	21	6	20	22.7
853037	12	R3/8	12.5	31.1	21	8	20	22.7
853038	12	R1/2	15	34.1	21	8	20	22.7
858714	16	R3/8	12.5	40.1	24	8	23.5	25
858715	16	R1/2	15.5	37.1	24	10	23.5	25

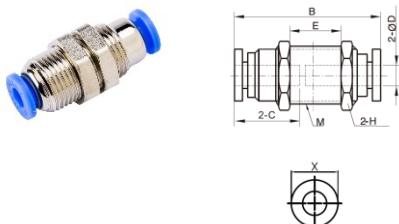
Parallel Female Straight Fitting



CODE	ØD	Rc	A	B	H	X	C
853057	4	G1/8	9	24.8	14	10	14.9
853058	4	G1/4	12	27.8	17	10	14.9
853059	6	G1/8	9	26.2	14	12	16
853060	6	G1/4	12	29.2	17	12	16
858722	6	G3/8	13	30.2	21	12	16
858723	6	G1/2	15	31.2	24	12	16
853061	8	G1/8	9	28.2	14	14	18.2
853062	8	G1/4	12	31.1	17	14	18.2
853063	8	G3/8	13	32.1	21	14	18.2
858724	8	G1/2	15	34.1	24	14	18.2
853064	10	G1/4	12	33.1	17	17	20.3
853065	10	G3/8	13	34.1	21	17	20.3
858726	10	G1/2	15	36.1	24	17	20.3
858728	12	G1/4	12	35.6	21	20	22.7
858729	12	G3/8	13	36.6	21	20	22.7
858730	12	G1/2	15	38.6	24	20	22.7

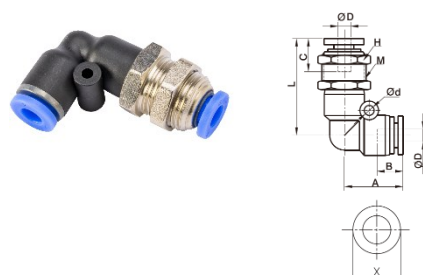
Technopolymer Push-in Fittings

Bulkhead - Union Straight



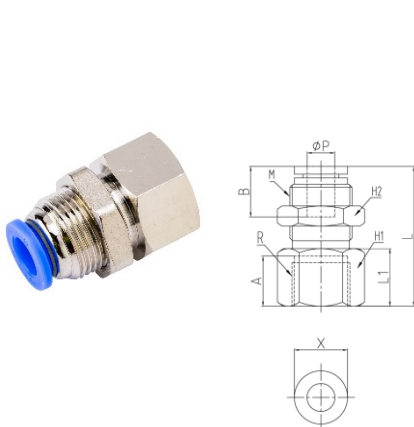
CODE	ØD	M	B	C	E	H	X
853160	4	M12	31.1	14.9	11.9	14	10
853161	6	M14	33.3	16	10.7	17	12
853162	8	M16	37.7	18.2	11	19	14
853163	10	M20	41.8	20.3	13.1	24	17
853164	12	M22	46.7	22.7	16	27	20
858817	16	M27	51.2	25	20	32	23.5

Bulkhead - Union Elbow



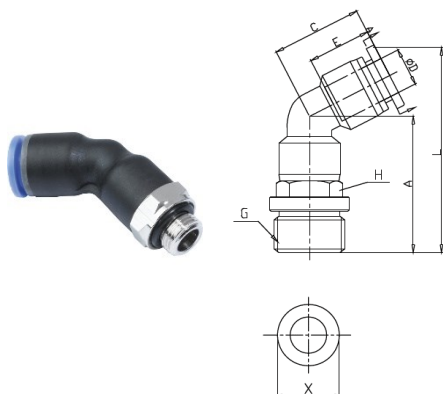
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860060	4	-	M12	17.5	14.9	14.9	31.3	14	10
860061	6	3.3	M14	18.8	15.5	16.2	37.9	17	12
860062	8	3.3	M16	22.5	17.8	18.1	43.6	20	14
860063	10	4.3	M20	27.2	20.5	20.5	51.2	24	17
860064	12	4.3	M22	29.3	22.9	23.1	56.1	27	20

Bulkhead Female



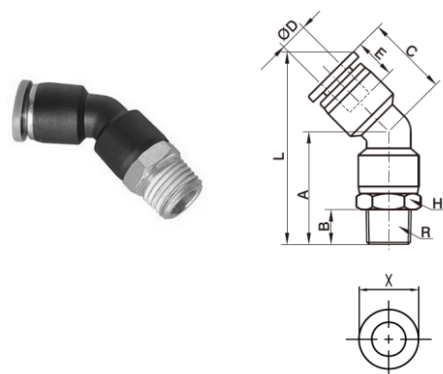
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858733	4	G1/8	M12	9	14.9	24.8	10	14	14	10
858734	4	G1/4	M12	12	14.9	27.8	14	17	14	10
853067	6	G1/8	M14	9	16.2	27	10	17	17	12
853068	6	G1/4	M14	12	16.2	31	13	17	17	12
858736	6	G3/8	M14	13	16.2	32	15	21	17	12
853069	8	G1/8	M16	9	18.5	32.1	10	19	19	14
853070	8	G1/4	M16	12	18.5	36.1	14	19	19	14
858737	8	G3/8	M16	13	18.5	37.1	15	21	19	14
858739	10	G1/8	M20	9	20.5	29.4	11	24	24	17
858740	10	G1/4	M20	12	20.5	36	14	24	24	17
853071	10	G3/8	M20	13	20.5	37	15	24	24	17
858738	10	G1/2	M20	15	20.5	39	19	24	24	17
858742	12	G1/4	M22	12	22.5	38.1	13	24	27	20
858743	12	G3/8	M22	13	22.5	39.1	15	24	27	20
853072	12	G1/2	M22	15	22.5	41.1	17	24	27	20

Parallel Male 45° Elbow



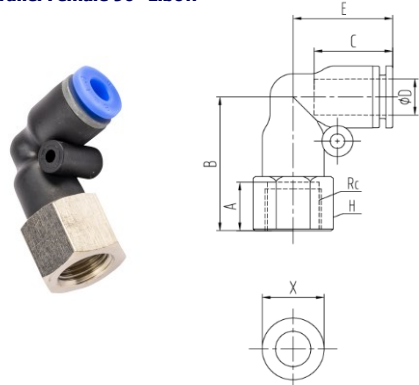
CODE	ØD	G	A	B	C	E	L	H	X
860019	4	M5	22	4	16.4	14.9	37.4	10	10
860036	4	G1/8	23.2	5.5	16.2	15.5	38.7	12	10
860037	4	G1/4	24.7	6.5	16.2	15.5	40.2	12	10
860038	6	G1/8	24.4	5.5	17.5	15.5	41.5	14	12
860039	6	G1/4	25.9	6.5	17.5	15.5	43	14	12
860040	6	G3/8	27.4	7.5	17.5	18.3	44.5	14	12
860041	6	G1/2	30.9	9.5	17.5	18.3	48	14	12
860043	8	G1/4	28.6	6.5	20.6	18.3	48.5	17	14
860044	8	G3/8	30.1	7.5	20.6	20.5	50.1	17	14
860045	8	G1/2	33.6	9.5	20.6	20.5	53.7	17	14
860047	10	G1/4	30.7	6.5	23.1	20.5	53.8	17	17
860048	10	G3/8	32.2	7.5	23.1	22.9	55.3	20	17
860049	10	G1/2	35.7	9.5	23.1	22.9	58.8	19	17
860050	12	G1/4	32.8	6.5	26	22.9	59.2	21	20
860051	12	G3/8	33.8	7.5	26	15.5	60.2	21	20
860052	12	G1/2	37.3	9.5	26	15.5	63.7	24	20

Tapered Male 45° Elbow



CODE	ØD	G	A	B	C	E	L	H	X
860017	4	R1/8	23.2	8	16.4	14.9	39	10	10
860018	4	R1/4	27.2	11	16.4	14.9	43	14	10
860020	6	R1/8	25.4	8.5	17	15.5	43	12	12
860021	6	R1/4	28.4	11	17	15.5	46	14	12
860022	6	R3/8	29.9	12	17	15.5	47.5	17	12
860023	6	R1/2	33.4	15	17	15.5	51	21	12
860024	8	R1/8	28.6	8.5	20.9	18.3	49	14	14
860025	8	R1/4	31.1	11	20.6	18.3	51.5	14	14
860026	8	R3/8	32.6	12	20.6	18.3	53	17	14
860027	8	R1/2	36.1	15	20.6	18.3	56.5	21	14
860028	10	R1/8	31.2	8.5	23.1	20.5	54.6	17	17
860029	10	R1/4	34.2	11.5	23.1	20.5	57.6	17	17
860030	10	R3/8	34.7	12	23.1	20.5	58.1	17	17
860031	10	R1/2	38.2	15	23.1	20.5	61.6	21	17
860032	12	R1/4	37.2	11.5	26	22.9	63.9	21	20
860033	12	R3/8	38.2	12.5	26	22.9	64.9	21	20
860034	12	R1/2	40.7	15	26	22.9	67.4	21	20

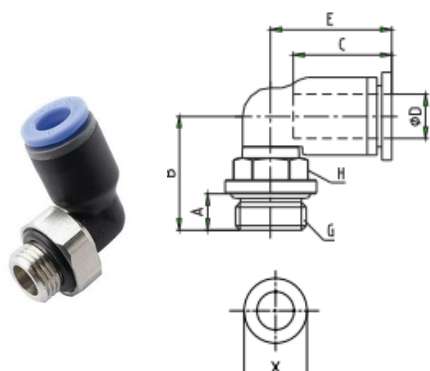
Parallel Female 90° Elbow



CODE	ØD	G	A	B	C	E	L	H	X
859999	4	G1/8	9	24	14.9	17.5	14	10	9
860000	4	G1/4	12	27	14.9	17.5	17	10	12
860001	6	G1/8	9	25.4	15.4	18.7	14	12	9
860002	6	G1/4	12	28.4	15.4	18.7	17	12	12
860003	6	G3/8	13	29.7	15.4	18.7	21	12	13
860004	6	G1/2	15	31.9	15.4	18.7	24	12	15
860005	8	G1/8	9	28.3	17.8	22.5	14	14	9
860006	8	G1/4	12	31.3	17.8	22.5	17	14	12
860007	8	G3/8	13	33	17.8	22.5	21	14	13
860008	8	G1/2	15	35.3	17.8	22.5	24	14	15
860009	10	G1/8	9	27.3	20.5	27.2	17	17	9
860010	10	G1/4	12	35.3	20.5	27.2	17	17	12
860011	10	G3/8	13	37.3	20.5	27.2	21	17	13
860012	10	G1/2	15	39.8	20.5	27.2	24	17	15
860014	12	G3/8	13	39	22.9	29.3	21	20	13
860015	12	G1/2	15	41.5	22.9	29.3	24	20	15

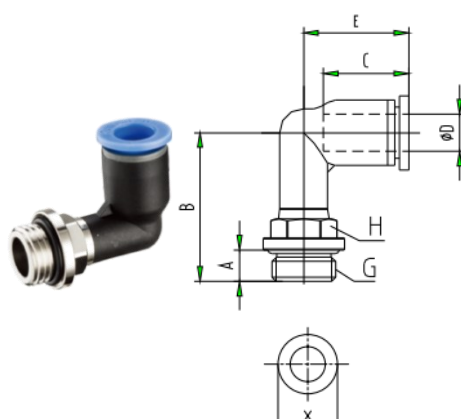
Technopolymer Push-in Fittings

Parallel Male 90° Elbow Compact



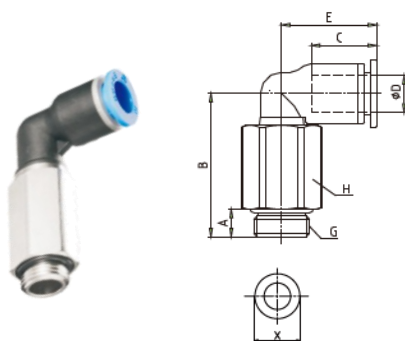
CODE	ØD	G	A	B	C	E	H	X
853225	4	M5	4	18.6	14.9	18.8	8	10
853226	4	G1/8	5.5	17.5	14.9	18.8	10	10
853227	4	G1/4	6.5	19	14.9	18.8	10	10
853228	6	M5	4	19.6	16	20.1	8	12
853229	6	G1/8	5.5	18.5	16	20	10	12
853230	6	G1/4	6.5	20	16	20	10	12
858832	6	G3/8	7.5	21.1	16	20	12	12
858833	6	G1/2	9	23.5	16	20	12	12
853231	8	G1/8	5.5	22	18.3	22.5	14	14
853232	8	G1/4	6.5	20.5	18.3	22.5	12	14
853233	8	G3/8	7.5	21.6	18.3	22.5	12	14
858834	8	G1/2	9	24	18.3	22.5	14	14
858835	10	G1/8	5.5	23.3	21	26.9	17	17
853234	10	G1/4	6.5	24.3	21	26.9	17	17
853235	10	G3/8	7.5	22.8	21	26.9	20	17
853236	10	G1/2	9	25.7	21	26.9	17	17
858836	12	G1/8	5.5	24.8	22.6	28.5	17	20
853237	12	G1/4	6.5	25.8	22.6	28.5	17	20
853238	12	G3/8	7.5	24.3	22.6	28.5	20	20
853239	12	G1/2	9	27.2	22.6	28.5	17	20
858837	16	G3/8	7.5	21.7	25	33.5	20	23.5
858838	16	G1/2	9	29.9	25	33.5	24	23.5

Parallel Male 90° Elbow



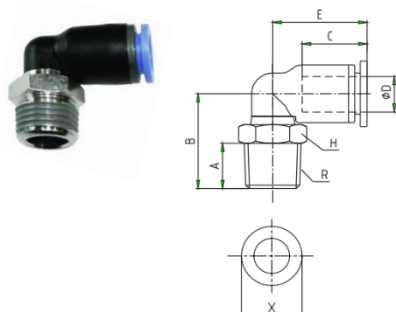
CODE	ØD	G	A	B	C	E	H	X
853089	4	M5	4	17.5	14.9	17.5	8	10
853090	4	G1/8	5.5	21.5	14.9	18.8	10	10
853091	4	G1/4	6.5	23	14.9	18.8	10	10
853092	6	M5	4	17.5	16	18.8	8	12
853093	6	G1/8	5.5	23.7	16	20	10	12
858749	6	G3/8	7.5	26.3	16	20	12	12
858750	6	G1/2	9	28.7	16	20	12	12
853095	8	G1/8	5.5	29.5	18.3	22.5	14	14
853096	8	G1/4	6.5	28	18.3	22.5	12	14
853097	8	G3/8	7.5	29.1	18.3	22.5	12	14
858751	8	G1/2	9	31.5	18.3	22.5	14	14
858752	10	G1/8	5.5	32.8	21	26.9	17	17
853098	10	G1/4	6.5	33.8	21	26.9	17	17
853099	10	G3/8	7.5	32.3	21	26.9	20	17
858753	12	G1/8	5.5	35	22.6	28.5	17	20
853101	12	G1/4	6.5	36	22.6	28.5	17	20
853102	12	G3/8	7.5	34.5	22.6	28.5	20	20
853103	12	G1/2	9	37.4	22.6	28.5	17	20
858754	16	G3/8	7.5	40.7	25	33.5	20	23.5
858755	16	G1/2	9	38.9	25	33.5	24	23.5

Parallel Male 90° Elbow Long



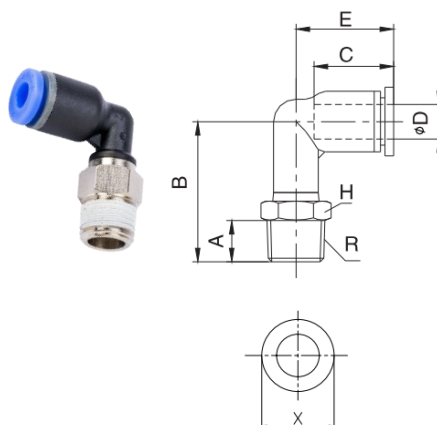
CODE	ØD	G	A	B	C	E	H	X
853246	4	M5	3.5	35.5	14.9	18.8	8	10
853247	4	G1/8	5.5	30.5	14.9	18.8	14	10
858856	4	G1/4	6.5	30.5	14.9	18.8	17	10
853248	6	G1/8	5.5	31.5	16	20	14	12
853249	6	G1/4	6.5	31.5	16	20	17	12
858857	6	G3/8	7.5	32.6	16	20	20	12
858858	6	G1/2	9	35	16	20	24	12
853250	8	G1/8	5.5	37.8	18.3	22.5	14	14
853251	8	G1/4	6.5	33.8	18.3	22.5	17	14
853252	8	G3/8	7.5	34.9	18.3	22.5	20	14
858859	8	G1/2	9	37.3	18.3	22.5	24	14
858860	10	G1/8	5.5	45.5	21	26.9	17	17
858861	10	G1/4	6.5	46.4	21	26.9	17	17
858862	10	G3/8	7.5	43.4	21	26.9	20	17
858863	10	G1/2	9	45.3	21	26.9	24	17
858864	12	G1/8	5.5	46.9	22.6	28.5	17	20
858865	12	G1/4	6.5	47.9	22.6	28.5	17	20
858866	12	G3/8	7.5	44.9	22.6	28.5	20	20
858867	12	G1/2	9	46.8	22.6	28.5	24	20
858868	16	G3/8	7.5	58.2	25	33.5	20	23.5
858869	16	G1/2	9	56.4	25	33.5	24	23.5

Tapered Male 90° Elbow Compact



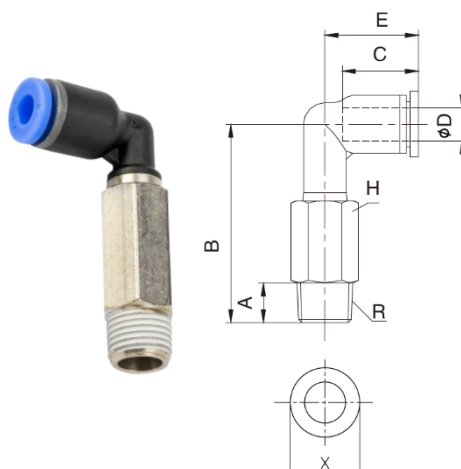
CODE	ØD	G	A	B	C	E	H	X
853210	4	R1/8	8	19	14.9	18.8	10	10
853211	4	R1/4	11	21.5	14.9	18.8	14	10
853212	6	R1/8	8	20	16	20.1	10	12
853213	6	R1/4	11	22.5	16	20.1	14	12
853214	6	R3/8	12	24	16	20.1	17	12
858827	6	R1/2	15	27	16	20.1	21	12
853215	8	R1/8	8	23.4	18.3	22.5	10	14
853216	8	R1/4	11	23	18.3	22.5	14	14
853217	8	R3/8	12	24.5	18.3	22.5	17	14
858828	8	R1/2	15	27.5	18.3	22.5	21	14
858829	10	R1/8	8.5	25.3	21	26.9	17	17
853218	10	R1/4	11.5	28.3	21	26.9	17	17
853219	10	R3/8	12	26.3	21	26.9	17	17
853220	10	R1/2	15	29.3	21	26.9	21	17
853221	12	R1/4	11.5	29.8	22.7	28.4	17	20
853222	12	R3/8	12	27.8	22.7	28.4	17	20
853223	12	R1/2	15	30.8	22.7	28.4	21	20
858830	16	R3/8	12.5	35.7	25	33.5	20	23.5
858831	16	R1/2	15	38.2	25	33.5	21	23.5

Tapered Male 90° Elbow



CODE	ØD	G	A	B	C	E	H	X
853074	4	R1/8	8	23	14.9	18.8	10	10
853075	4	R1/4	11	25.5	14.9	18.8	14	10
853076	6	R1/8	8	25.2	16	20	10	12
853077	6	R1/4	11	27.7	16	20	14	12
853078	6	R3/8	12	29.2	16	20	17	12
858744	6	R1/2	15	32.2	16	20	21	12
853079	8	R1/8	8	30.9	18.3	22.5	10	14
853080	8	R1/4	11	30.5	18.3	22.5	14	14
853081	8	R3/8	12	32	18.3	22.5	17	14
858745	8	R1/2	15	35	18.3	22.5	21	14
858746	10	R1/8	8.5	34.8	21	26.9	17	17
853082	10	R1/4	11.5	37.8	21	26.9	17	17
853083	10	R3/8	12	35.8	21	26.9	17	17
853084	10	R1/2	15	38.8	21	26.9	21	17
853085	12	R1/4	11.5	40	22.6	28.5	17	20
853086	12	R3/8	12	38	22.6	28.5	17	20
853087	12	R1/2	15	41	22.6	28.5	21	20
858747	16	R3/8	12.5	44.7	25	33.5	20	23.5
858748	16	R1/2	15	47.2	25	33.5	21	23.5

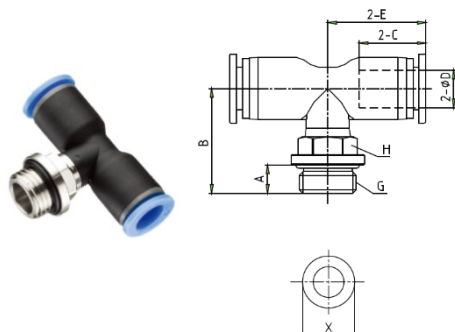
Tapered Male 90° Elbow Long



CODE	ØD	G	A	B	C	E	H	X
858756	4	R1/8	8	37	14.9	18.8	10	10
858757	4	R1/4	11	39.5	14.9	18.8	14	10
853105	6	R1/8	8	39.2	16	20	10	12
853106	6	R1/4	11	41.7	16	20	14	12
858758	6	R3/8	12	43.2	16	20	17	12
858759	6	R1/2	15	46.2	16	20	21	12
858761	8	R1/8	8	46.7	18.3	22.5	10	14
853107	8	R1/4	11	46.3	18.3	22.5	14	14
853108	8	R3/8	12	47.8	18.3	22.5	17	14
858762	8	R1/2	15	50.8	18.3	22.5	21	14
858763	10	R1/8	8.5	56.9	21	26.9	17	17
858764	10	R1/4	11.5	59.9	21	26.9	17	17
858765	10	R3/8	12	57.9	21	26.9	17	17
858766	10	R1/2	15	60.9	21	26.9	21	17
858768	12	R1/4	11.5	62.1	22.6	28.5	17	20
858769	12	R3/8	12	60.1	22.6	28.5	17	20
858770	12	R1/2	15	63.1	22.6	28.5	21	20
858771	16	R3/8	12.5	71.2	25	33.5	20	23.5
858772	16	R1/2	15	73.7	25	33.5	21	23.5

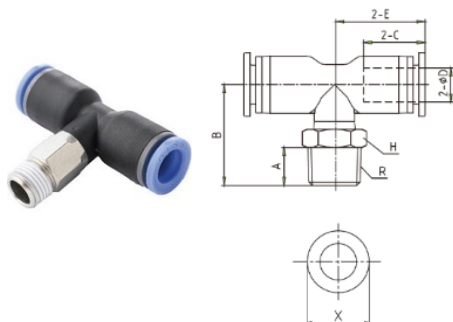
Technopolymer Push-in Fittings

Parallel Male Tee



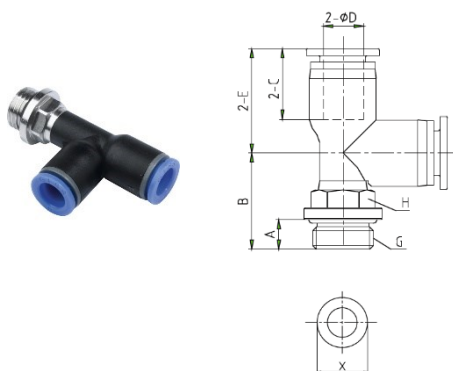
CODE	ØD	G	A	B	C	E	H	X
853268	4	M5	4	21.1	14.9	18	10	8
853269	4	G1/8	5.5	20	14.9	18	10	10
853270	4	G1/4	6.5	21.5	14.9	18	10	10
853271	6	M5	4	22.2	16	20.1	12	8
853272	6	G1/8	5.5	21.1	16	20	10	12
853273	6	G1/4	6.5	22.6	16	20	10	12
853274	8	G1/4	6.5	24.2	18.3	22.7	12	14
853275	8	G3/8	7.5	25.3	18.3	22.7	12	14
853276	10	G1/4	6.5	27.6	21	26.9	17	17
853277	10	G3/8	7.5	26.1	21	26.9	20	17
853278	10	G1/2	9	29	21	26.9	17	17

Tapered Male Tee



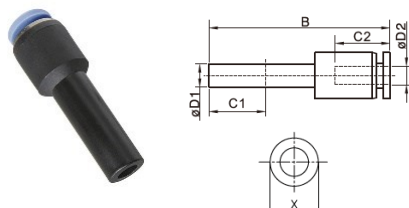
CODE	ØD	G	A	B	C	E	H	X
853254	4	R1/8	4	21.1	14.9	18	8	10
853255	4	R1/4	8	21.5	14.9	18	10	10
853256	6	R1/8	11	23	14.9	18	14	10
853257	6	R1/4	8	22.6	16	20.1	10	12
858870	6	R3/8	11	25.1	16	20.1	14	12
858871	6	R1/2	12	26.6	16	20.1	17	12
853258	8	R1/8	15	29.6	16	20.1	21	12
853259	8	R1/4	8	27.1	18.3	22.7	10	14
853260	8	R3/8	11	27	18.3	22.7	14	14
858872	8	R1/2	12	28.2	18.3	22.7	17	14
858873	10	R1/8	15	31.2	18.3	22.7	21	14
853261	10	R1/4	8.5	28.6	21	26.9	17	17
853262	10	R3/8	11.5	31.6	21	26.9	17	17
853263	10	R1/2	12	29.6	21	26.9	17	17
853264	12	R1/4	15	32.6	21	26.9	21	17
853265	12	R3/8	11.5	32.9	22.6	29.3	17	20
853266	12	R1/2	12	30.9	22.6	29.3	17	20
858875	16	R1/2	12.5	38.2	25	34.5	20	23.5

T Parallel Male Tee – Lateral



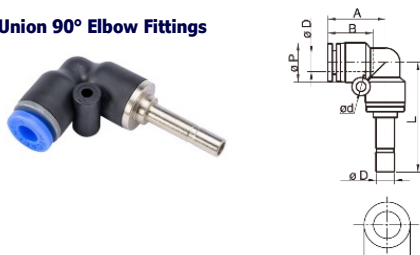
CODE	ØD	G	A	B	C	E	H	X
859731	4	G1/8	5.5	18.1	14.9	18	10	10
859732	4	G1/4	6.5	19.6	14.9	18	10	10
859733	6	G1/8	5.5	19.1	16	20	10	12
859734	6	G1/4	6.5	20.6	16	20	10	12
859735	6	G3/8	7.5	21.7	16	20	12	12
859736	6	G1/2	9	24.1	16	20	12	12
859737	8	G1/8	5.5	22.5	18.3	22.7	14	14
859738	8	G1/4	6.5	21	18.3	22.7	12	14
859739	8	G3/8	7.5	22.1	18.3	22.7	12	14
859740	8	G1/2	9	24.5	18.3	22.7	14	14
859741	10	G1/8	5.5	24.4	21	26.9	17	17
859742	10	G1/4	6.5	25.4	21	26.9	17	17
859743	10	G3/8	7.5	23.9	21	26.9	20	17
859744	10	G1/2	9	26.8	21	26.9	17	17
859745	12	G1/8	5.5	25.6	22.6	29.3	17	20
859746	12	G1/4	6.5	26.6	22.6	29.3	17	20
859747	12	G3/8	7.5	25.1	22.6	29.3	20	20
859748	12	G1/2	9	28	22.6	29.3	17	20

Union Straight Reduction Fittings



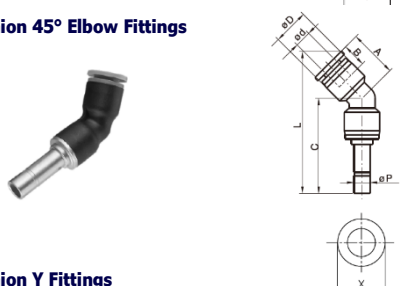
CODE	ØD1	ØD2	B	C1	C2	X
853196	6	4	39.5	17	14.9	12
853197	8	4	41.5	18	14.9	14
853198	8	6	41.6	18	15.9	14
853199	10	6	46.6	20	15.9	17
853200	10	8	46.8	20	18.3	17
858826	12	6	46.4	23.5	15.9	20
853201	12	8	46.8	23.5	18.3	20
853202	12	10	52.2	23.5	20.5	20

Union 90° Elbow Fittings



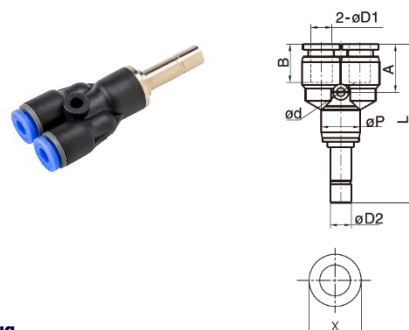
CODE	ØD	A	B	L	ØP	Ød	X
853176	4	17.5	14.9	33	11	-	10
853177	6	18.8	15.5	36.4	13	3.3	12
853178	8	22.5	17.8	42.4	14.8	3.3	14
858820	10	27.2	20.5	51	18.4	4.3	17
858821	12	29.3	22.9	54.5	21	4.3	20

Union 45° Elbow Fittings



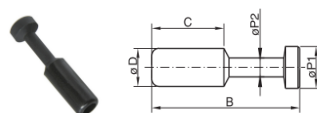
CODE	ØD	A	B	L	ØP	Ød	X
860054	4	16.2	14.9	47.5	11	-	10
860055	6	17.5	15.5	17.5	13	3.3	12
860056	8	20.6	17.8	20.6	14.8	3.3	14
860057	10	23.1	20.5	23.1	18.4	4.3	17
860058	12	26	22.9	26	21	4.3	20

Union Y Fittings



CODE	ØD1	ØD2	A	B	L	Ød	ØP	X
860072	4	4	14	14.9	51	3.3	11	10
860067	4	6	11.4	14.9	53.7	3.3	13	10
860073	6	6	14.8	15.5	54	3.3	13	12
860068	6	8	14.6	15.5	59.9	3.3	14.8	12
860074	8	8	17.8	17.3	59.8	3.3	14.8	14
860069	8	10	17.9	17.8	72	3.3	18.4	14
860075	10	10	20.6	20	73.5	4.3	18.4	17
860070	10	12	20.4	20.3	76.6	4.3	21	17

Plug



CODE	ØD	B	ØP1	ØP2	C
853204	4	28	5	3	15
853205	6	33	7	3	17
853206	8	37	9	4	18
853207	10	42	11	5	20.5
853208	12	44	13	6	23

WARNING:

1. Except air and water (only special type and custom-design), never attempt to use the fittings in other fluids.
2. The fitting is prohibited where spark and fire might be occurred.
3. The fitting is prohibited if water temperature is above 60°C, as the materials may decompose beyond this temperature.
4. The fitting is not designed for application where there is static charge.
5. Never use fittings with additional external load (bending, twist, or pulling), otherwise damage or leakage will be occurred.

CAUTION

1. If you use other supplier tubing, the different tubing tolerance might cause leakage or incorrect connection and disassembly. In this case, check if the diameters of the tubes are in conformity with the following specifications:

Size	Polyurethane Tube	Nylon Tube
Ø 4	± 0,10 mm	± 0,10 mm
Ø 6	± 0,10 mm	± 0,10 mm
Ø 8	± 0,10 mm	± 0,10 mm
Ø 10	± 0,15 mm	± 0,10 mm
Ø 12	± 0,15 mm	± 0,15 mm
Ø 16	± 0,15 mm	± 0,15 mm

2. Always check the end of tubing for a right angle cutting and check the external surface of tubing for any damage or scratch. Please refer to following instruction for the tube connection. After connection tube and fittings, always try to pull the tube and ensure that it is firmly connected.
3. Always make sure the circuit is at atmospheric pressure before disconnecting a tube from its fitting. To disconnect a tube, press firmly on the sleeve before pulling the tube. Otherwise, the internal claws of the fitting will scratch and degrade the outer surface of the tube, which will cause leaks. Do not twist or turn the tube in its fitting, otherwise, a groove may form in the outside diameter of the tube under the pressure of the holding claws, which may cause leakages.
4. Always use proper tool to tighten external hexagonal and internal hexagonal parts of the fittings. Always apply recommended torque on screws otherwise extra torque might damage thread and cause air leakage while insufficient torque might cause loose screws and air leakage. After screws are tightened, you may adjust the direction of tubing with most of our fittings. If it is hard in adjustment, you may apply recommended torque to turn screw to adjust direction of tubing.

RECOMMENDED TORQUE:

Thread Size	Torque (N.m)
M3	0.6
M5	1.6
1/8	8
1/4	12
3/8	30
1/2	35

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