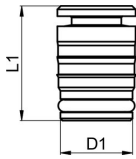


Push-in fittings "Push-In" - POM Series PI-P



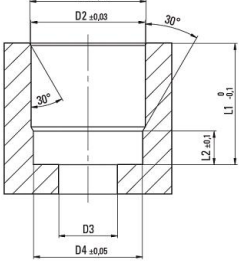
Design type	Push-in fitting with O-ring and retaining collet for connecting plastic tubing
Connection	R1/8" up to R1/2" optional cylindrical to ISO 228/1 or tapered to ISO 7/1 with PTFE coating, M5 according to ISO R/262
Tube outside diameter	4mm...12mm
Materials	Body POM, Release ring POM, Collet Stainless steel 1.4310, Thread Brass nickel-plated, Seals NBR
recommended Tube materials	Polyamide (PA), Polyurethane (PU/CP), Polyethylene (PE), PTFE (PT)
Tube tolerances	+/- 0.07 mm up to diameter 10 mm, +/- 0.1 mm from diameter 12 mm
Medium	Compressed air, neutral gases
Medium temperature	-20...+70°C
Operating pressure	-0,99...18bar, depending on the maximum pressure of the pipe used

PI10 Press-in cartridge suitable for housing made of plastic, brass or aluminium

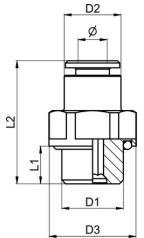
	Ø	D1	L1	Weight [g]	Type
	4	9	14,5	2,8	PI10-04-P
	6	11,5	16,5	4,6	PI10-06-P
	8	13,5	17	6,4	PI10-08-P
	10	15,5	18,5	8,4	PI10-10-P



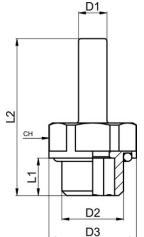
PI10 Sketch for press-fit seat

	Ø	D1	D2	D3	D4	L1	L2	Type
	4	9,5	9,2	3	8,6	12	3,2	PI10-04-P
	6	11,7	11,4	5	10,8	14	4	PI10-06-P
	8	13,5	13,6	7	13	14,5	4	PI10-08-P
	10	15,5	15,7	9	15,1	16	4	PI10-10-P

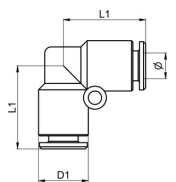
PI12 Straight Male stud coupling - Thread cylindrical

	Ø	D1	D2	D3	L1	L2	CH	Weight [g]	Type
	4	G1/8"	9,5	15	6	21	10	2,5	PI12-04-18-P-0-YA
	6	G1/8"	11,5	15	6	24	12	2,7	PI12-06-18-P-0-YA
	6	G1/4"	11,5	18	7	24	12	4,1	PI12-06-14-P-0-YA
	8	G1/8"	14	15	6	25,5	14	2,9	PI12-08-18-P-0-YA
	8	G1/4"	14	18	7	24	14	3,8	PI12-08-14-P-0-YA
	8	G3/8"	14	22	7	24	14	5,9	PI12-08-38-P-0-YA
	10	G1/4"	16	18	7	27	16	4	PI12-10-14-P-0-YA
	10	G3/8"	16	22	7	25	16	6,2	PI12-10-38-P-0-YA

PI38 Threaded push-in nipple - Thread cylindrical

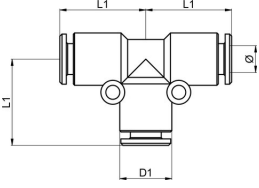
	D1	D2	D3	L1	L2	CH	Weight [g]	Type
	4	G1/8"	15,5	6	27	14	1,9	PI38-04-18-P-0
	6	G1/8"	15,5	6	30	14	2,1	PI38-06-18-P-0
	6	G1/4"	18,5	8	33,5	17	3,3	PI38-06-14-P-0
	8	G1/8"	15,5	6	32	14	2,2	PI38-08-18-P-0
	8	G1/4"	18,5	8	35,5	17	3,6	PI38-08-14-P-0
	8	G3/8"	23,5	9	37	21	5,5	PI38-08-38-P-0
	10	G1/4"	18,5	8	37,5	17	3,5	PI38-10-14-P-0
	10	G3/8"	23,5	9	39	21	5,5	PI38-10-38-P-0

PI17 Elbow connector

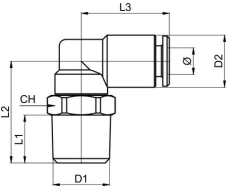
	Ø	D1	L1	Weight [g]	Type
	4	9,7	15,5	2,3	PI17-04-P
	6	12	19,7	3,8	PI17-06-P
	8	14	21,5	4,9	PI17-08-P
	10	16	23,5	6,3	PI17-10-P
	12	19	27	9,6	PI17-12-P



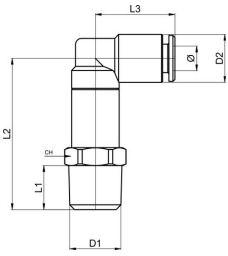
PI29 T-connector

	Ø	D1	L1	Weight [g]	Type
	4	9,7	15,2	3,4	PI29-04-P
	6	12	19,7	5,5	PI29-06-P
	8	14	21,5	7,1	PI29-08-P
	10	16	23,5	8,9	PI29-10-P
	12	19	27	13,9	PI29-12-P

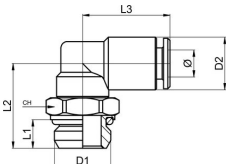
PI16C Swivel elbow male stud fitting - Thread tapered

	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	R1/8"	9,7	7,5	17	15,5	10	6,5	PI16C-04-18-P-T-360
	4	R1/4"	9,7	11	20,5	15,5	14	11,5	PI16C-04-14-P-T-360
	6	R1/8"	12	7,5	18,8	20	12	8,5	PI16C-06-18-P-T-360
	6	R1/4"	12	11	23,3	20	14	13,6	PI16C-06-14-P-T-360
	8	R1/8"	14	7,5	19,5	21,5	12	9	PI16C-08-18-P-T-360
	8	R1/4"	14	11	24	21,5	14	14,1	PI16C-08-14-P-T-360
	8	R3/8"	14	11,5	24,5	21,5	17	19	PI16C-08-38-P-T-360
	10	R1/4"	16	11	25,5	24	16	17,3	PI16C-10-14-P-T-360
	10	R3/8"	16	11,5	26,5	24	17	21,7	PI16C-10-38-P-T-360

PI19C Swivel male elbow fitting, long - Thread tapered

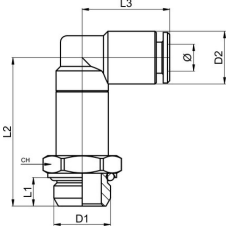
	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	R1/8"	9,7	7,5	26	15,5	10	10,1	PI19C-04-18-P-T-360
	4	R1/4"	9,7	11	30	15,5	14	16,1	PI19C-04-14-P-T-360
	6	R1/8"	12	7,5	33,3	20	12	17,7	PI19C-06-18-P-T-360
	6	R1/4"	12	11	37,8	20	14	20,6	PI19C-06-14-P-T-360
	8	R1/8"	14	7,5	34	21,5	12	18	PI19C-08-18-P-T-360
	8	R1/4"	14	11	38,5	21,5	14	20,8	PI19C-08-14-P-T-360
	8	R3/8"	14	11,5	39	21,5	17	27,4	PI19C-08-38-P-T-360
	10	R1/4"	16	11	42	24	16	36,5	PI19C-10-14-P-T-360
	10	R3/8"	16	11,5	43	24	17	35,1	PI19C-10-38-P-T-360

PI16 Swivel elbow male stud fitting - Thread cylindrical

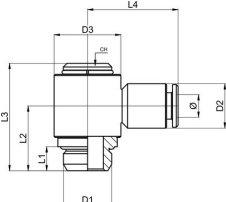
	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	M5x0,8	9,7	4	15	15,5	9	4,6	PI16-04-M5-P-0-360
	4	G1/8"	9,7	5	15	15,5	13	7,1	PI16-04-18-P-0-360
	4	G1/4"	9,7	6,5	17	15,5	16	11,2	PI16-04-14-P-0-360
	6	M5x0,8	12	4	15,3	20	12	7,9	PI16-06-M5-P-0-360
	6	G1/8"	12	5	17,3	20	12	8,4	PI16-06-18-P-0-360
	6	G1/4"	12	6,5	19,3	20	15	12,5	PI16-06-14-P-0-360
	8	G1/8"	14	5	18	21,5	12	8,9	PI16-08-18-P-0-360
	8	G1/4"	14	6,5	20	21,5	15	13	PI16-08-14-P-0-360
	8	G3/8"	14	7	21,5	21,5	20	21,4	PI16-08-38-P-0-360
	10	G1/4"	16	6,5	21,5	24	16	15,6	PI16-10-14-P-0-360
	10	G3/8"	16	7	23,5	24	20	22,9	PI16-10-38-P-0-360
	12	G3/8"	19	7	24	28,5	20	27,3	PI16-12-38-P-0-360
	12	G1/2"	19	8,5	28,5	28,5	20	35	PI16-12-12-P-0-360



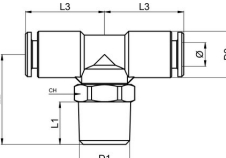
PI19 Swivel elbow male stud fitting, long - Thread cylindrical

	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	M5x0,8	9,7	4	23,8	15,5	9	9,1	PI19-04-M5-P-0-360
	4	G1/8"	9,7	5	24	15,5	13	12,2	PI19-04-18-P-0-360
	4	G1/4"	9,7	6,5	26	15,5	16	13,8	PI19-04-14-P-0-360
	6	M5x0,8	12	4	29,8	20	13	20,9	PI19-06-M5-P-0-360
	6	G1/8"	12	5	31,8	20	13	19,6	PI19-06-18-P-0-360
	6	G1/4"	12	6,5	33,8	20	16	20,6	PI19-06-14-P-0-360
	8	G1/8"	14	5	32,8	21,5	13	20	PI19-08-18-P-0-360
	8	G1/4"	14	6,5	32,5	21,5	16	21	PI19-08-14-P-0-360
	8	G3/8"	14	7	34,5	21,5	20	29,4	PI19-08-38-P-0-360
	10	G1/4"	16	6,5	37	24	16	32,3	PI19-10-14-P-0-360
	10	G3/8"	16	7	39	24	20	36,8	PI19-10-38-P-0-360

PI14 Swivel elbow male stud fitting - Thread cylindrical

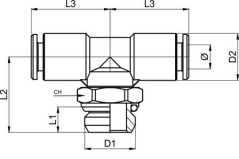
	Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
	4	M5x0,8	9,7	9,7	4	11	19	17	4	6	PI14-04-M5-P-0-360
	4	G1/8"	9,7	15	5	15	25,5	18,5	4	12	PI14-04-18-P-0-360
	6	M5x0,8	12	9,7	4	11	19	21	4	6	PI14-06-M5-P-0-360
	6	G1/8"	12	15	5	15	25,5	22	4	13	PI14-06-18-P-0-360
	6	G1/4"	12	18	6,5	17,5	29	23,5	5	22	PI14-06-14-P-0-360
	8	G1/8"	14	15	5	15	25,5	22,5	4	14	PI14-08-18-P-0-360
	8	G1/4"	14	18	6,5	17,5	29	24	5	22	PI14-08-14-P-0-360
	8	G3/8"	14	23	7	19,5	32,5	26	6	35	PI14-08-38-P-0-360
	10	G1/4"	16,5	18	6,5	17,5	29	26	5	23	PI14-10-14-P-0-360
	10	G3/8"	16,5	23	7	19,5	32,5	28	6	36	PI14-10-38-P-0-360

PI21C Swivel T male stud fitting - Thread tapered

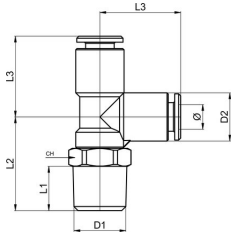
	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	R1/8"	9,7	7,5	17	15,7	10	7,5	PI21C-04-18-P-T-360
	4	R1/4"	9,7	11	20,5	15,7	14	13,8	PI21C-04-14-P-T-360
	6	R1/8"	12	7,5	18,8	20,2	12	10,1	PI21C-06-18-P-T-360
	6	R1/4"	12	11	23,3	20,2	14	15,2	PI21C-06-14-P-T-360
	8	R1/8"	14	7,5	19,5	21,7	14	11,2	PI21C-08-18-P-T-360
	8	R1/4"	14	11	24	21,7	14	16,4	PI21C-08-14-P-T-360
	8	R3/8"	14	11,5	24,5	21,7	17	21,4	PI21C-08-38-P-T-360
	10	R1/4"	16,5	11	25,5	24	16	19,9	PI21C-10-14-P-T-360
	10	R3/8"	16,5	11,5	26,5	24	17	27	PI21C-10-38-P-T-360



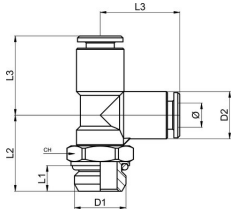
PI21 Swivel T male stud fitting - Thread cylindrical

	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	M5x0,8	9,7	4	14,8	15,7	9	5,6	PI21-04-M5-P-0-360
	4	G1/8"	9,7	5	15	15,7	13	8,2	PI21-04-18-P-0-360
	4	G1/4"	9,7	6,5	17	15,7	16	12	PI21-04-14-P-0-360
	6	M5x0,8	12	4	15,3	20,2	12	9,2	PI21-06-M5-P-0-360
	6	G1/8"	12	5	17,3	20,2	13	9,8	PI21-06-18-P-0-360
	6	G1/4"	12	6,5	19,3	20,2	16	13,6	PI21-06-14-P-0-360
	8	G1/8"	14	5	18	21,7	14	11,1	PI21-08-18-P-0-360
	8	G1/4"	14	6,5	20	21,7	16	15,1	PI21-08-14-P-0-360
	8	G3/8"	14	7	21,5	21,7	20	23,7	PI21-08-38-P-0-360
	10	G1/4"	16,5	6,5	21,5	24	16	18	PI21-10-14-P-0-360
	10	G3/8"	16,5	7	23,5	24	20	25,2	PI21-10-38-P-0-360

PI24C Swivel T male stud fitting - Thread tapered

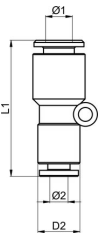
	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	R1/8"	9,7	7,5	17	15,5	10	7,4	PI24C-04-18-P-T-360
	4	M5x0,8	9,7	11	20,5	15,5	14	12,6	PI24C-04-14-P-T-360
	6	R1/8"	12	7,5	18,8	20	12	10,1	PI24C-06-18-P-T-360
	6	R1/4"	12	11	23,5	20	14	15,3	PI24C-06-14-P-T-360
	8	R1/8"	14	7,5	19,5	21,5	14	10,9	PI24C-08-18-P-T-360
	8	R1/4"	14	11	24	21,5	14	16,3	PI24C-08-14-P-T-360
	8	R1/4"	14	11,5	24,5	21,5	17	23,7	PI24C-08-38-P-T-360
	10	R3/8"	16,5	11	25,5	24	16	22,5	PI24C-10-14-P-T-360
	10	R3/8"	16,5	11,5	26,5	24	17	26,7	PI24C-10-38-P-T-360

PI24 Swivel T male stud fitting - Thread cylindrical

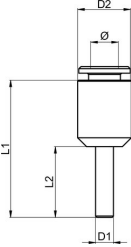
	Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
	4	M5x0,8	9,7	4	14,8	15,5	9	5,6	PI24-04-M5-P-0-360
	4	G1/8"	9,7	5	15	15,5	13	8,2	PI24-04-18-P-0-360
	4	G1/4"	9,7	6,5	17	15,5	16	13	PI24-04-14-P-0-360
	6	M5x0,8	12	4	15,3	20	12	10,3	PI24-06-M5-P-0-360
	6	G1/8"	12	5	17,3	20	13	9,9	PI24-06-18-P-0-360
	6	G1/4"	12	6,5	19,3	20	16	14	PI24-06-14-P-0-360
	8	G1/8"	14	5	18	21,5	14	10,8	PI24-08-18-P-0-360
	8	G1/4"	14	6,5	20	21,5	16	14,8	PI24-08-14-P-0-360
	8	G3/8"	14	7	21,5	21,5	20	27,4	PI24-08-38-P-0-360
	10	G1/4"	16,5	6,5	21,5	24	16	20	PI24-10-14-P-0-360
	10	G3/8"	16,5	7	23,5	24	20	2	PI24-10-38-P-0-360



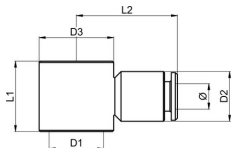
PI13 Straight Connector

	Ø 1	Ø 2	D1	L1	Weight [g]	Type
	4	4	9,7	26,5	2,2	PI13-04-P
	6	6	12	34	3,4	PI13-06-P
	6	4	12	30	4	PI13-06-04-P
	8	8	14	33,5	4,3	PI13-08-P
	8	6	14	33	6	PI13-08-06-P
	10	10	16,5	37,5	5,5	PI13-10-P
	10	8	16,5	36,5	7	PI13-10-08-P
	12	12	19	41	7,6	PI13-12-P
	12	8	19	42	8	PI13-12-08-P-A
	12	10	19	42	8	PI13-12-10-P
	14	14	22,5	49	10	PI13-14-P

PI12 Reduction

	Ø	D1	D2	L1	Weight [g]	Type
	4	6	10	31	2	PI12-04-06-P
	4	8	10	32	2	PI12-04-08-P
	4	10	10	37	3	PI12-04-10-P
	6	4	12	33	3	PI12-06-04-P
	6	8	12	36	3	PI12-06-08-P
	6	10	12	36	4	PI12-06-10-P
	6	12	12	40	4	PI12-06-12-P
	8	6	14	33,5	4	PI12-08-06-P
	8	10	14	38,5	5	PI12-08-10-P
	8	12	14	39,5	6	PI12-08-12-P
	10	12	16,5	44	7	PI12-10-12-P

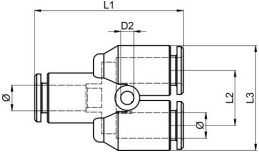
PI35 L-ring piece

	Ø	D1	D2	D3	L1	L2	Weight [g]	Type
	4	M5	9,7	9,7	10	17,6	1,9	PI35-04-M5-P
	4	7	9,7	9,7	10	17,6	2,3	PI35-04-M5-P-M*
	4	1/8"	9,7	15	15	19,1	3	PI35-04-18-P
	6	7	12	9,7	10	21,5	3,1	PI35-06-M5-P-M*
	6	1/8"	12	15	15	22,7	3,5	PI35-06-18-P
	6	1/4"	12	18	17	24,3	4,2	PI35-06-14-P
	8	1/8"	14	15	15	23	3,8	PI35-08-18-P
	8	1/4"	14	18	17	24,6	4,6	PI35-08-14-P
	8	3/8"	14	23	20	26,5	6,5	PI35-08-38-P
	10	1/4"	16	18	17	27	5,2	PI35-10-14-P
	10	3/8"	16,5	23	20	28,5	8,4	PI35-10-38-P

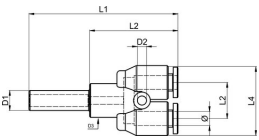
*for Swivel throttle valve and Swivel throttle check valve



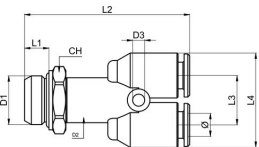
PI23 Y-connector

	Ø	D1	D2	L1	L2	L3	Weight [g]	Type
	4	9,7	2,7	27	10,7	20,5	5	PI23-04-P
	6	12	3,2	34	13	25	9	PI23-06-P
	8	14	3,2	36	15	29	11	PI23-08-P
	10	16	3,2	41	18	34,5	14	PI23-10-P

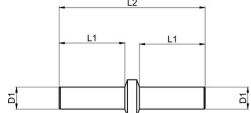
PI30 Y-connector with plug-in nipple

	Ø	D1	D2	D3	L1	L2	L3	L4	Weight [g]	Type
	4	4	2,7	9,7	40	25	10,7	20,5	5	PI30-04-P
	4	6	2,7	9,7	43	25	10,7	20,5	6	PI30-04-06-P
	4	8	2,7	9,7	45	25	10,7	20,5	6	PI30-04-08-P
	6	6	3,2	12	50	32	13	25	9	PI30-06-P
	8	8	3,2	14	54	34	15	29	12	PI30-08-P

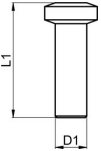
PI30 Swivel Y male connector - Thread cylindrical

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
	4	M5x0,8	9,7	2,7	4	34	10,7	20,5	9	9	PI30-04-M5-P-0-360
	4	G1/8"	9,7	2,7	5	34	10,7	20,5	13	10	PI30-04-18-P-0-360
	4	G1/4"	9,7	2,7	6,5	36	10,7	20,5	16	14	PI30-04-14-P-0-360
	6	G1/8"	12	3,2	5	41	13	25	13	15	PI30-06-18-P-0-360
	6	G1/4"	12	3,2	6,5	43	13	25	16	19	PI30-06-14-P-0-360
	8	G1/8"	14	3,2	5	43	15	29	14	20	PI30-08-18-P-0-360
	8	G1/4"	14	3,2	6,5	45	15	29	16	21	PI30-08-14-P-0-360
	8	G3/8"	14	3,2	7	47	15	29	20	29	PI30-08-38-P-0-360

PI38 Connection port

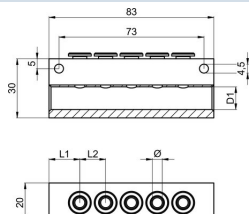
	D1	L1	L2	Weight [g]	Type
	4	15	33	0,6	PI38-04-P
	6	18	40	1,3	PI38-06-P
	8	20	45	1,8	PI38-08-P
	10	22	48	3,1	PI38-10-P

PI40 Sealing pin

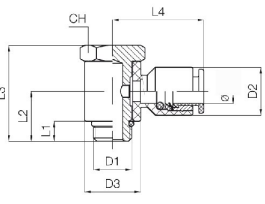
	D1	L1	Weight [g]	Type
	4	18	0,4	PI40-04-P
	6	22	0,9	PI40-06-P
	8	25	1,3	PI40-08-P
	10	26	1,3	PI40-10-P



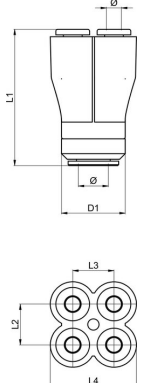
MB35 Manifold

	Ø	D1	L1	L2	Quantity Outlets	Weight [g]	Type
	4	G1/4"	14	11	6	111,8	DI25-14-6-04
	6	G1/4"	15,5	13	5	104,1	DI25-14-5-06
	8	G3/8"	17,5	16	4	99,4	DI25-38-4-08

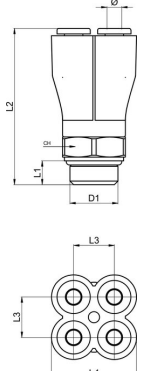
PI14 Swivel elbow male stud fitting - Thread cylindrical

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
	4	M5x0,8	9,7	9,7	4	9	17	17	8	5	PI14-04-M5-P
	4	G1/8"	9,7	15	5	12,5	24	18,5	14	16	PI14-04-18-P
	6	G1/8"	12	15	5	12,5	24	22	14	16	PI14-06-18-P
	6	G1/4"	12	18	6,5	14	28,5	23,5	17	29	PI14-06-14-P
	8	G1/8"	14	15	5	12,5	24	22,5	14	17	PI14-08-18-P
	8	G1/4"	14	18	6,5	14	28,5	24	17	29	PI14-08-14-P
	8	G3/8"	14	23	7	17	32	26	20	44	PI14-08-38-P
	10	G1/4"	16,5	18	6,5	15	28,5	26	17	31	PI14-10-14-P
	10	G3/8"	16,5	23	7	17	32	28	20	44	PI14-10-38-P

PI43 Double Y-connector

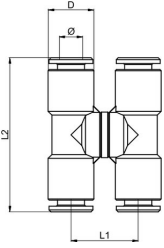
	Ø 1	Ø 2	D1	L1	L2	L3	Weight [g]	Type
	4	6	17	38	11	24	27,8	PI43-04-06-P
	4	8	17	38	11	24	25	PI43-04-08-P

PI44 Double Y male stud fitting - Thread cylindrical - swivelable

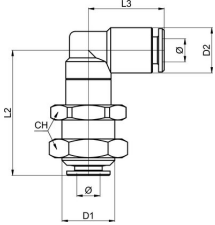
	Ø	D1	L1	L2	L3	L4	CH	Weight [g]	Type
	4	G1/8"	5	41	11	24	17	32,8	PI44-04-18-P-0-360
	4	G1/4"	6,5	43	11	24	17	32	PI44-04-14-P-0-360



PI20 Swivel Cross connector

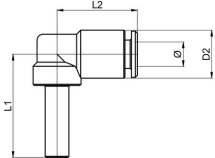
	Ø	L1	L2	D	Weight [g]	Type
	4	14	31	9,7	9,2	PI20-04-P-360
	6	17	39	12	11,9	PI20-06-P-360
	8	19,5	42	14	14,2	PI20-08-P-360
	10	23	47	16	25,8	PI20-10-P-360

PI48 Angle bulkhead connector - swivelable

	Ø	L1 max	L2	L3	D1	D2	CH	Weight [g]	Type
	4	6	27,1	15,5	M12x0,75	9,7	15	18	PI48-04-P-360
	6	6	33	20	M14x1	12	18	32,8	PI48-06-P-360
	8	8	35,7	21,5	M16x1	14	20	39,6	PI48-08-P-360
	10	9,5	40,3	24	M18x1	16	22	52,9	PI48-10-P-360
	12	10	44,5	28,5	M20x1	19	24	71,5	PI48-12-P-360

DI-PI430406P

PI16 Elbow connector with push-in nipple

	Ø	D1	D2	L1	L2	Weight [g]	Type
	4	4	9,7	21,5	15,5	1,8	PI16-04-P
	6	6	12	25,5	20	3,3	PI16-06-P
	8	8	14	28,5	21,5	3,8	PI16-08-P

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Fittings and couplings / Push-in fittings / Push-in fittings - POM Pressure -0,99...18bar

