Partnership. With Guarantee.

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


PI10


PI12


PI12


PI13


PI16


PI16


PI16C


PI17


PI19


PI19C


PI21


PI21C


PI23


PI24


PI24C


PI29


PI30


PI30


PI35


PI38


PI38


PI40


PI43


PI44


PI48

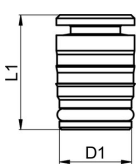

PI14


PI20


DI25

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

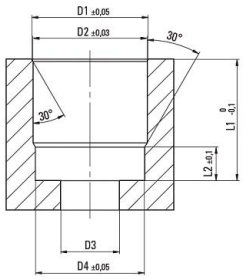
PI10 Press-in cartridge suitable for housing made of plastic, brass or aluminium



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

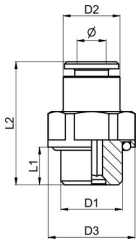
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PI10 Sketch for press-fit seat



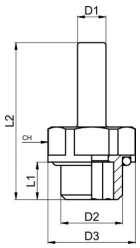
Ø	D1	D2	D3	D4	L1	L2	Type
4	9,5	9,2	3	8,6	12	3,2	PI10-04-P
6	11,7	11,4	5	10,8	14	4	PI10-06-P
8	13,5	13,6	7	13	14,5	4	PI10-08-P
10	15,5	15,7	9	15,1	16	4	PI10-10-P

PI12 Straight Male stud coupling - Thread cylindrical



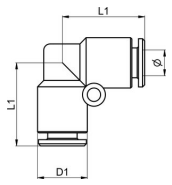
Ø	D1	D2	D3	L1	L2	CH	Weight [g]	Type
4	G1/8"	9,5	15	6	21	10	2,5	PI12-04-18-P-0-YA
6	G1/8"	11,5	15	6	24	12	2,7	PI12-06-18-P-0-YA
6	G1/4"	11,5	18	7	24	12	4,1	PI12-06-14-P-0-YA
8	G1/8"	14	15	6	25,5	14	2,9	PI12-08-18-P-0-YA
8	G1/4"	14	18	7	24	14	3,8	PI12-08-14-P-0-YA
8	G3/8"	14	22	7	24	14	5,9	PI12-08-38-P-0-YA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

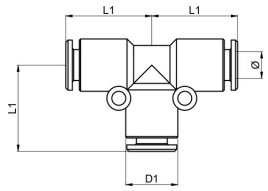
PI17 Elbow connector



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

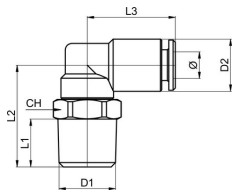
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PI29 T-connector



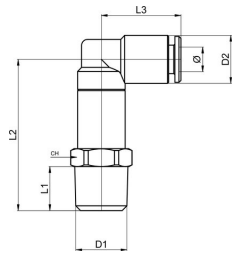
Ø	D1	L1	Weight [g]	Type
4	9,7	15,2	3,4	PI29-04-P
6	12	19,7	5,5	PI29-06-P
8	14	21,5	7,1	PI29-08-P
10	16	23,5	8,9	PI29-10-P
12	19	27	13,9	PI29-12-P

PI16C Swivel elbow male stud fitting - Thread tapered



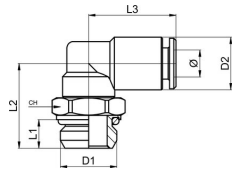
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9,7	7,5	17	15,5	10	6,5	PI16C-04-18-P-T-360
4	R1/4"	9,7	11	20,5	15,5	14	11,5	PI16C-04-14-P-T-360
6	R1/8"	12	7,5	18,8	20	12	8,5	PI16C-06-18-P-T-360
6	R1/4"	12	11	23,3	20	14	13,6	PI16C-06-14-P-T-360
8	R1/8"	14	7,5	19,5	21,5	12	9	PI16C-08-18-P-T-360
8	R1/4"	14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

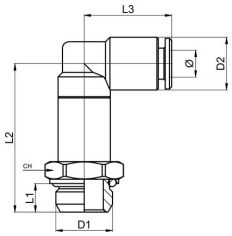
PI16 Swivel elbow male stud fitting - Thread cylindrical



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

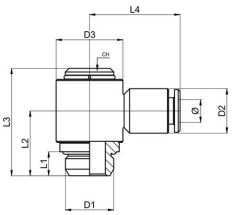
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PI19 Swivel elbow male stud fitting, long - Thread cylindrical



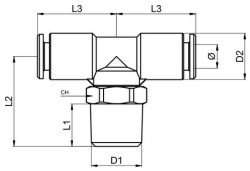
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	M5x0,8	9,7	4	23,8	15,5	9	9,1	PI19-04-M5-P-0-360
4	G1/8"	9,7	5	24	15,5	13	12,2	PI19-04-18-P-0-360
4	G1/4"	9,7	6,5	26	15,5	16	13,8	PI19-04-14-P-0-360
6	M5x0,8	12	4	29,8	20	13	20,9	PI19-06-M5-P-0-360
6	G1/8"	12	5	31,8	20	13	19,6	PI19-06-18-P-0-360
6	G1/4"	12	6,5	33,8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

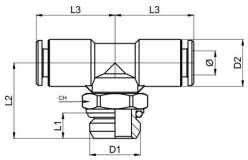
PI21C Swivel T male stud fitting - Thread tapered



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

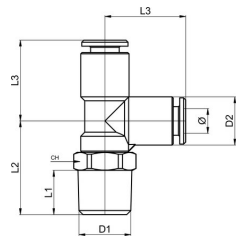
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PI21 Swivel T male stud fitting - Thread cylindrical



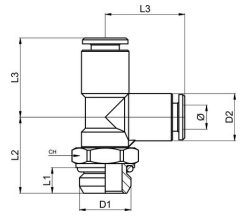
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	M5x0,8	9,7	4	14,8	15,7	9	5,6	PI21-04-M5-P-0-360
4	G1/8"	9,7	5	15	15,7	13	8,2	PI21-04-18-P-0-360
4	G1/4"	9,7	6,5	17	15,7	16	12	PI21-04-14-P-0-360
6	M5x0,8	12	4	15,3	20,2	12	9,2	PI21-06-M5-P-0-360
6	G1/8"	12	5	17,3	20,2	13	9,8	PI21-06-18-P-0-360
6	G1/4"	12	6,5	19,3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



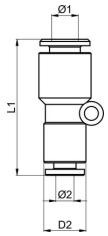
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9,7	7,5	17	15,5	10	7,4	PI24C-04-18-P-T-360
4	M5x0,8	9,7	11	20,5	15,5	14	12,6	PI24C-04-14-P-T-360
6	R1/8"	12	7,5	18,8	20	12	10,1	PI24C-06-18-P-T-360
6	R1/4"	12	11	23,5	20	14	15,3	PI24C-06-14-P-T-360
8	R1/8"	14	7,5	19,5	21,5	14	10,9	PI24C-08-18-P-T-360
8	R1/4"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



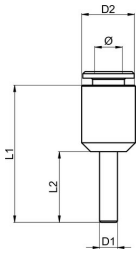
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	M5x0,8	9,7	4	14,8	15,5	9	5,6	PI24-04-M5-P-0-360
4	G1/8"	9,7	5	15	15,5	13	8,2	PI24-04-18-P-0-360
4	G1/4"	9,7	6,5	17	15,5	16	13	PI24-04-14-P-0-360
6	M5x0,8	12	4	15,3	20	12	10,3	PI24-06-M5-P-0-360
6	G1/8"	12	5	17,3	20	13	9,9	PI24-06-18-P-0-360
6	G1/4"	12	6,5	19,3	20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



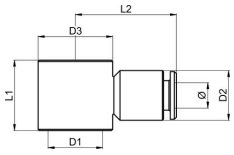
Ø 1	Ø 2	D1	L1	Weight [g]	Type
4	4	9,7	26,5	2,2	PI13-04-P
6	6	12	34	3,4	PI13-06-P
6	4	12	30	4	PI13-06-04-P
8	8	14	33,5	4,3	PI13-08-P
8	6	14	33	6	PI13-08-06-P
10	10	16,5	37,5	5,5	PI13-10-P
10	8	16,5	36,5	7	PI13-10-08-P
12	12	19	41	7,6	PI13-12-P
12	8	19	42	8	PI13-12-08-P-A
12	10	19	42	8	PI13-12-10-P
14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

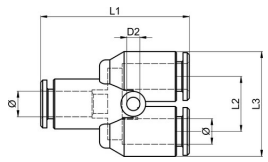
PI35 L-ring piece



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"	165	23	20	28,5	8,4	PI35-10-38-P

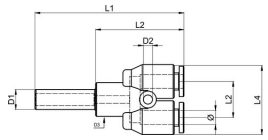
*for Swivel throttle valve and Swivel throttle check valve

PI23 Y-connector



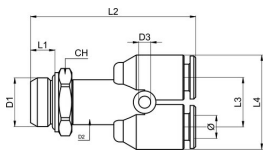
Ø	D1	D2	L1	L2	L3	Weight [g]	Type
4	9,7	2,7	27	10,7	20,5	5	PI23-04-P
6	12	3,2	34	13	25	9	PI23-06-P
8	14	3,2	36	15	29	11	PI23-08-P
10	16	3,2	41	18	34,5	14	PI23-10-P

PI30 Y-connector with plug-in nipple



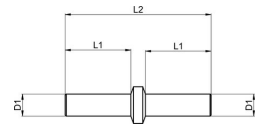
Ø	D1	D2	D3	L1	L2	L3	L4	Weight [g]	Type
4	4	2,7	9,7	40	25	10,7	20,5	5	PI30-04-P
4	6	2,7	9,7	43	25	10,7	20,5	6	PI30-04-06-P
4	8	2,7	9,7	45	25	10,7	20,5	6	PI30-04-08-P
6	6	3,2	12	50	32	13	25	9	PI30-06-P
8	8	3,2	14	54	34	15	29	12	PI30-08-P

PI30 Swivel Y male connector - Thread cylindrical



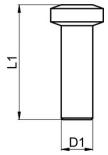
Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
4	M5x0,8	9,7	2,7	4	34	10,7	20,5	9	9	PI30-04-M5-P-0-360
4	G1/8"	9,7	2,7	5	34	10,7	20,5	13	10	PI30-04-18-P-0-360
4	G1/4"	9,7	2,7	6,5	36	10,7	20,5	16	14	PI30-04-14-P-0-360
6	G1/8"	12	3,2	5	41	13	25	13	15	PI30-06-18-P-0-360
6	G1/4"	12	3,2	6,5	43	13	25	16	19	PI30-06-14-P-0-360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

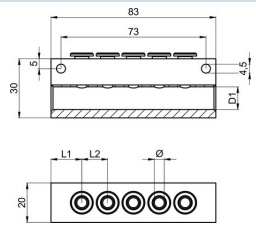
PI40 Sealing pin



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

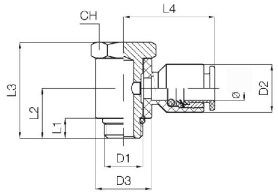
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MB35 Manifold



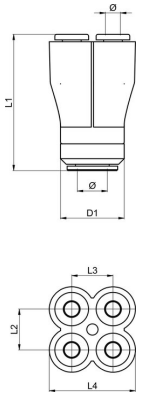
Ø	D1	L1	L2	Quantity Outlets	Weight [g]	Type
4	G1/4"	14	11	6	111,8	DI25-14-6-04
6	G1/4"	15,5	13	5	104,1	DI25-14-5-06
8	G3/8"	17,5	16	4	99,4	DI25-38-4-08

PI14 Swivel elbow male stud fitting - Thread cylindrical



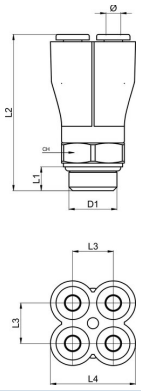
Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
4	M5x0,8	9,7	9,7	4	9	17	17	8	5	PI14-04-M5-P
4	G1/8"	9,7	15	5	12,5	24	18,5	14	16	PI14-04-18-P
6	G1/8"	12	15	5	12,5	24	22	14	16	PI14-06-18-P
6	G1/4"	12	18	6,5	14	28,5	23,5	17	29	PI14-06-14-P
8	G1/8"	14	15	5	12,5	24	22,5	14	17	PI14-08-18-P
8	G1/4"	14	18	6,5	14	28,5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

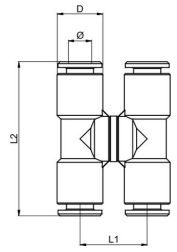


Ø	D1	L1	L2	L3	L4	CH	Weight [g]	Type
4	G1/8"	5	41	11	24	17	32,8	PI44-04-18-P-0-360
4	G1/4"	6,5	43	11	24	17	32	PI44-04-14-P-0-360

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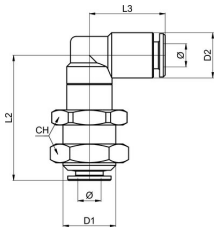
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PI20 Swivel Cross connector



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

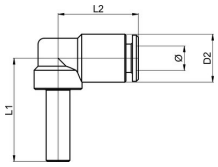
PI48 Angle bulkhead connector - swivelable



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

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