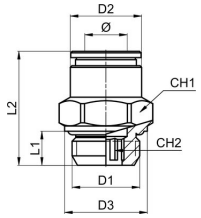
Partnership. With Guarantee.

Push-in fittings "Push-In" - Stainless steel
Series PI



Design type	Push-in fitting with O-ring and retaining clip for connecting plastic tubes (Metal tubes with special assembly instructions)
Connection	R1/8"...R1/2" according to ISO7/1, G1/8"...G1/2" according to ISO228/1, M5 according to ISO R/262
Tube outside diameter	4...12mm
Materials	Body Stainless steel 1.4404, Collet Stainless steel 1.4310, O-rings FKM, Sealing rings PTFE
recommended Tube materials	Polyamide (PA), Polyurethane (CP/PU), Polyethylene (PE), PTFE (PT)
Tube tolerances	+/- 0,07mm up to diameter 10mm, +/- 0,1mm from Diameter 12mm
Medium	Gases and liquids that do not chemically attack the materials
Medium temperature	-20...+180°C
Operating pressure	-0,99...20bar, depending on the maximum pressure of the pipe used
Approvals	certified according to NSF169, Directive 1935/2004/EU
Application	Food industry, Beverage systems, Chemical industry, Pneumatics, in corrosive external conditions

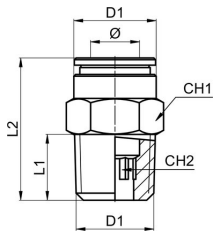
PI12 Straight Male stud fitting - Thread cylindrical



Ø	D1	D2	D3	L1	L2	CH1	CH2	Weight [g]	Type
4	M5x0,8	9	8	4	19	9	-	4,9	PI12-04-M5-Z-0
4	G1/8"	9	12,9	5	16,5	13	3	8,1	PI12-04-18-Z-0
6	M5x0,8	11,8	8	4	22,5	12	-	10,3	PI12-06-M5-Z-0
6	G1/8"	11,7	12,9	5	19,5	13	4	9,5	PI12-06-18-Z-0
6	G1/4"	11,7	15,8	6,5	19,5	16	4	15,8	PI12-06-14-Z-0
8	G1/8"	13,7	12,9	5	23	14	6	12,8	PI12-08-18-Z-0
8	G1/4"	13,7	15,9	6,5	21,5	16	6	15,5	PI12-08-14-Z-0
8	G3/8"	13,7	20	7	21,5	17	6	-	PI12-08-38-Z-0
10	G1/4"	15,7	15,8	6,5	27,5	16	8	19,2	PI12-10-14-Z-0
10	G3/8"	16	20	7	25	17	8	24,4	PI12-10-38-Z-0
10	1/2"	15,8	25	8,5	25,5	22	8	-	PI12-10-12-Z-0
12	1/4"	18,8	16	6,5	28,5	19	8	-	PI12-12-14-Z-0
12	G3/8"	18,8	20	7	28	21	10	31,8	PI12-12-38-Z-0
12	G1/2"	18,8	25	8,5	26,5	22	10	41,8	PI12-12-12-Z-0

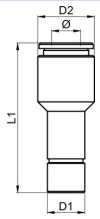
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PI12C Straight Male stud fitting - Thread tapered



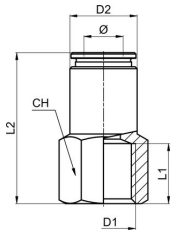
Ø	D1	D2	L1	L2	CH1	CH2	Weight [g]	Type
4	R1/8"	9	7,5	16,5	10	3	6,3	PI12C-04-18-Z
4	R1/4"	9	11	20,5	14	3	16,1	PI12C-04-14-Z
6	R1/8"	11,7	7,5	21	12	4	9,5	PI12C-06-18-Z
6	R1/4"	12	11	20,5	14	4	14,3	PI12C-06-14-Z
8	R1/8"	13,7	7,5	25	14	6	13,5	PI12C-08-18-Z
8	R1/4"	13,7	11	23,5	14	6	14,4	PI12C-08-14-Z
8	R3/8"	13,9	11,5	22,5	17	6	23,7	PI12C-08-38-Z-YA
10	R1/4"	15,7	11	30,5	16	8	20,3	PI12C-10-14-Z
10	R3/8"	16	11,5	24	17	8	21,5	PI12C-10-38-Z
10	R1/2	15,7	14	27	22	8	-	PI12C-10-12-Z
12	R1/4"	18,7	11	32	19	8	-	PI12C-12-14-Z
12	R3/8"	18,7	11,5	27,5	19	10	25,7	PI12C-12-38-Z
12	R1/2"	19	14	27,5	22	10	42,1	PI12C-12-12-Z

PI12 Reduction



Ø	D1	D2	L1	Weight [g]	Type
4	6	9	30,5	6,5	PI12-04-06-Z
6	8	12	32	11,9	PI12-06-08-Z
6	10	12	35	-	PI12-06-10-Z-YA
8	10	14	35	14,8	PI12-08-10-Z

PI13 Straight male stud fitting - Thread cylindrical

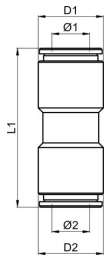


Ø	D1	D2	L1	L2	CH	Weight [g]	Type
4	G1/8"	9	7	24,5	13	-	PI13-04-18-Z-0
6	G1/8"	12	7	26,5	13	-	PI13-04-18-Z-0
6	G1/4"	12	10	31	16	-	PI13-06-18-Z-0
8	G1/8"	13,8	7	26,5	14	18,2	PI13-06-M5-Z-0
8	G1/4"	14	10	31	16	-	PI13-06-14-Z-0
8	G3/8"	14	11	32,5	21	-	PI13-08-18-Z-0
10	G1/4"	15,7	10	33	16	24	PI13-08-14-Z-0
10	G3/8"	16	11	34,5	21	-	PI13-10-14-Z-0
10	G1/2"	16	11	36	24	-	PI13-10-38-Z-0
12	G3/8"	19	11	35,5	21	77,5	PI13-12-38-Z-0
12	G1/2"	19	11	37	24	-	PI13-12-12-Z-0

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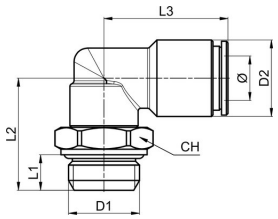
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PI13 Straight connector



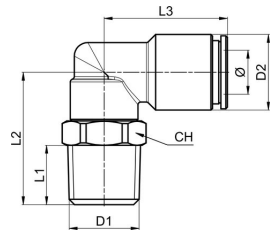
Ø1	Ø2	D1	D2	L1	Weight [g]	Type
4	4	9	9	28	7,8	PI13-04-Z
6	6	12	12	33,6	15,7	PI13-06-Z
6	4	12	12	31	15,5	PI13-06-04-Z
8	8	14	14	34	19,5	PI13-08-Z
8	6	14	14	34	23,8	PI13-08-06-Z
10	10	16	16	38,6	24,9	PI13-10-Z
10	8	16	14	37,1	-	PI13-10-08-Z
12	12	19	19	41	40	PI13-12-Z
12	10	19	19	40,3	-	PI13-12-10-Z

PI16 Swivel elbow male stud fitting - Thread cylindrical



Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	M5x0,8	9	4	14,5	17,5	9	8,7	PI16-04-M5-Z-0-360
4	G1/8"	9	5	16,5	17,5	13	12,2	PI16-04-18-Z-0-360
6	M5x0,8	12	4	15,5	20,5	9	13,2	PI16-06-M5-Z-0-360
6	G1/8"	12	5	18,5	21,5	13	20,3	PI16-06-18-Z-0-360
6	G1/4"	12	6,5	20,5	21,5	16	24,3	PI16-06-14-Z-0-360
8	G1/8"	14	5	18,5	22,5	13	21,6	PI16-08-18-Z-0-360
8	G1/4"	14	6,5	20,5	22,5	16	25,8	PI16-08-14-Z-0-360
8	G3/8"	14	7	22,5	22,5	21	-	PI16-08-38-Z-0-360
10	G1/4"	16	6,5	22,5	26	16	34,6	PI16-10-14-Z-0-360
10	G3/8"	16	7	24	26	21	41	PI16-10-38-Z-0-360
10	G1/2"	16	8,5	29	26	22	-	PI16-10-12-Z-0-360-YA
12	G1/4"	19	6,5	26	28,5	21	-	PI16-12-14-Z-0-360
12	G3/8"	19	7	26,5	28,5	21	59,5	PI16-12-38-Z-0-360
12	G1/2"	19	8,5	31	28,5	22	69,2	PI16-12-12-Z-0-360

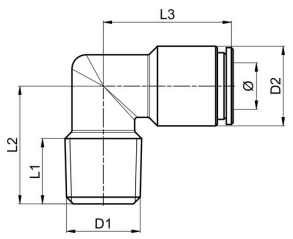
PI16C Swivel elbow male stud fitting - Thread tapered



Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9	7,5	18	17,5	10	10,8	PI16C-04-18-Z-360
6	R1/8"	12	7,5	20,5	21,5	13	21,2	PI16C-06-18-Z-360
6	R1/4"	12	11	24,5	21,5	14	25,2	PI16C-06-14-Z-360
8	R1/8"	14	7,5	20,5	22,5	13	22,2	PI16C-08-18-Z-360
8	R1/4"	14	11	24,5	22,5	14	26,3	PI16C-08-14-Z-360
8	R3/8"	14	11,5	25	22,5	17	-	PI16C-08-38-Z-360
10	R1/4"	16	11	27	26	16	37,5	PI16C-10-14-Z-360
10	R3/8"	16	11,5	27,5	26	17	41,1	PI16C-10-38-Z-360
10	R1/2"	16	14	32	26	22	-	PI16C-10-12-Z-360
12	R1/4"	19	11	30,5	28,5	21	-	PI16C-12-14-Z-360
12	R3/8"	19	11,5	31	28,5	21	65,1	PI16C-12-38-Z-360
12	R1/2"	19	14	34	28,5	22	71,5	PI16C-12-12-Z-360

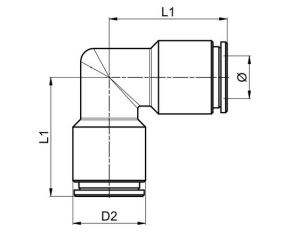
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PI16C Male elbow screw-in fitting - Tapered thread



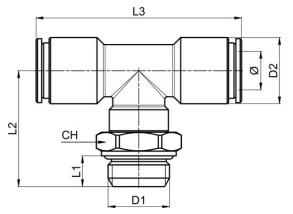
Ø	D1	D2	L1	L2	L3	Weight [g]	Type
4	R1/8"	9	9,8	17	17,5	10,2	PI16C-04-18-Z
6	R1/8"	12	9,8	17	20,5	14	PI16C-06-18-Z
6	R1/4"	12	11,3	20,7	20,5	20,8	PI16C-06-14-Z
8	R1/8"	14	9,5	18	22,5	19,6	PI16C-08-18-Z
8	R1/4"	14	11,3	20,7	22,5	22,3	PI16C-08-14-Z
10	R1/4"	16	12,1	21,5	24,5	39,5	PI16C-10-14-Z

PI17 Elbow connector



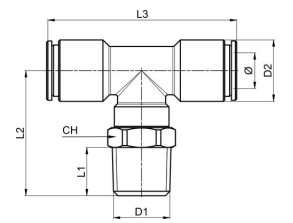
Ø	D2	L1	Weight [g]	Type
4	9	17,5	11,7	PI17-04-Z
6	12	21	18	PI17-06-Z
8	14	22,5	24,1	PI17-08-Z
10	16	24,5	43	PI17-10-Z
12	18	27	49,3	PI17-12-Z

PI21 Swivel T screw-in fitting - Thread cylindrical



Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	M5x0,8	9	4	18	35	9	14	PI21-04-M5-Z-0-360
4	G1/8"	9	5	20	35	13	17,6	PI21-04-18-Z-0-360
6	G1/8"	12	5	18,5	43	13	29,2	PI21-06-18-Z-0-360
6	G1/4"	12	6,5	20,5	43	16	33,3	PI21-06-14-Z-0-360
8	G1/8"	14	5	18,5	43	13	30,7	PI21-08-18-Z-0-360
8	G1/4"	14	6,5	20,5	43	16	34,8	PI21-08-14-Z-0-360
10	G1/4"	16	6,5	22,5	51	16	57,1	PI21-10-14-Z-0-360
10	G3/8"	16	7	24,5	51	21	63,9	PI21-10-38-Z-0-360
12	G3/8	19	7	26,5	57	21	-	PI21-12-38-Z-0-360
12	G1/2"	19	8,5	31	57	22	-	PI21-12-12-Z-0-360

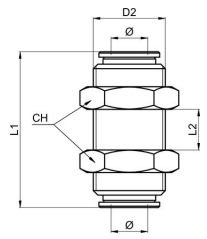
PI21C Swivel T screw-in fitting - Thread tapered



Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9	7,5	21,5	35	10	16,1	PI21C-04-18-Z-360
6	R1/8"	12	7,5	20,5	43	13	30,3	PI21C-06-18-Z-360
6	R1/4"	12	11	24,5	43	14	33,9	PI21C-06-14-Z-360
8	R1/8"	14	7,5	20,5	43	13	32,2	PI21C-08-18-Z-360
8	R1/4"	14	11	24,5	43	14	35,4	PI21C-08-14-Z-360
10	R1/4"	16	11	27,5	51	16	61	PI21C-10-14-Z-360
10	R3/8"	16	11,5	28	51	17	64,1	PI21C-10-38-Z-360
12	R3/8"	19	11,5	31	57	21	-	PI21C-12-38-Z-360
12	R1/2"	19	14	34	57	22	-	PI21C-12-12-Z-360

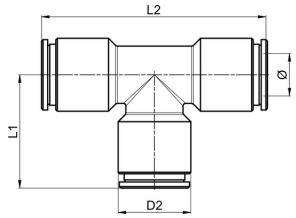
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PI27 Bulkhead fitting



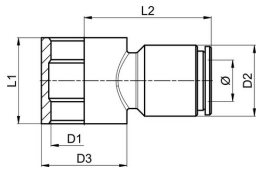
Ø	D2	L1	L2 max	CH	Weight [g]	Type
4	M12x1	28	11,5	16	19,9	PI27-04-Z
6	M14x1	34	15,5	17	31,4	PI27-06-Z
8	M16x1	34	15,5	19	36,8	PI27-08-Z
10	M18x1	39	18,5	21	48,4	PI27-10-Z
12	M20x1	41	20,5	24	61,8	PI27-12-Z

PI29 T-connector



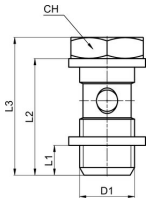
Ø	D2	L1	L2	Weight [g]	Type
4	9	17,5	35	14,6	PI29-04-Z
6	12	21	42	39,9	PI29-06-Z
8	14	21,5	43	32,4	PI29-08-Z
10	16	24,5	49	56,1	PI29-10-Z
12	18	27	54	65,9	PI29-12-Z

PI35 L-ring piece



Ø	D1	D2	D3	L1	L2	Weight [g]	Type
4	1/8"	9	14	15	20,5	13,1	PI35-04-18-Z
6	1/8"	12	14	15	22,5	16,1	PI35-06-18-Z
6	1/4"	12	17	17	24	18,7	PI35-06-14-Z
8	1/8"	14	14	15	23	16,6	PI35-08-18-Z
8	1/4"	14	17	17	25	20,4	PI35-08-14-Z
10	1/4"	16	17	17	27	23,1	PI35-10-14-Z
10	3/8"	16	22	20	29	35,5	PI35-10-38-Z
12	3/8"	16	22	20	31	40,8	PI35-12-38-Z
12	1/2"	19	26	24	33	52,2	PI35-12-12-Z

TH51 Single hollow bolt



D1	L1	L2	L3	CH	Weight [g]	Type
G1/8"	5,4	24,9	28,9	14	15,1	TH51-18-Z
G1/4"	6,4	27,4	32,4	17	26,1	TH51-14-Z
G3/8"	6,4	30	36	21	43,6	TH51-38-Z
G1/2"	7,5	35,5	41,5	26	76,5	TH51-12-Z

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