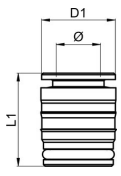
Partnership. With Guarantee.

Push-in fittings "Push-In"
Nickel-plated brass
Series PI

Design type	Push-in fitting with O-ring and retaining collet for connecting plastic tubing
Connection	R1/8"...R3/4" according to ISO7/1 Thread PTFE-coated, G1/8"...G3/4" according to ISO228/1, M3...M5 according to ISO R/262
Tube outside diameter	3...16mm
Materials	Body Nickel-plated brass, Collet Stainless steel 1.4310, Seals NBR
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	Compressed air, neutral gases
Medium temperature	-20...80°C
Operating pressure	-0,99...20bar, depending on the maximum pressure of the pipe used
Special version	O-ring in FKM -20...150°C, chemically nickel-plated, NSF, FDA on request

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



Ø	D1	L1	Weight [g]	Type
4	9,3	14,5	3,6	PI10-04-N
6	11,5	16,5	5,7	PI10-06-N
8	13,7	17	7,9	PI10-08-N
10	15,8	19	10,3	PI10-10-N

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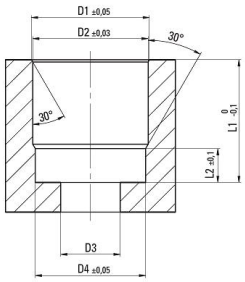
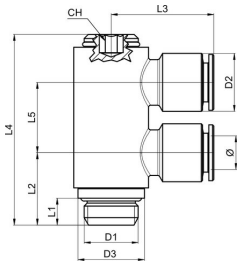
PI10 Sketch for press-fit seat



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

PI11-360 Swivel elbow male stud fitting - with two L-ring fittings



Ø	D1	D2	D3	L1	L2	L3	L4	L5	CH	Weight [g]	Type
4	M5x0,8	9	10	4	11	18,5	29,2	10	3	18,5	PI11-04-M5-N-0-360
4	G1/8"	9,1	14	5	15	20,5	40,4	15	4	40	PI11-04-18-N-0-360
6	G1/8"	12	14	5	15	22,5	40,4	15	4	46	PI11-06-18-N-0-360
6	G1/4"	12	18	6,5	17,5	24	46,1	17	5	69,5	PI11-06-14-N-0-360
8	G1/8"	14	14	5	15	23,5	40,4	15	4	50	PI11-08-18-N-0-360
8	G1/4"	14	18	6,5	17,5	24,5	46	17	5	69,5	PI11-08-14-N-0-360

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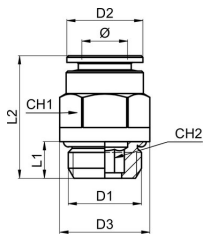
PI12 Straight male connector - Cylindrical thread



Ø	D1	D2	D3	L1	L2	CH1	CH2	Weight [g]	Type
3	M3x0,5	7	5,6	3	14,5	-	1,5	1,4	PI12-03-M3-N-0
3	M5x0,8	7	8	4	15	-	2	2,3	PI12-03-M5-N-0
4	M5x0,8	9	8	4	19	-	2,5	4,4	PI12-04-M5-N-0
4	M6x1	9	9	4,5	19,5	-	3	4,3	PI12-04-M6-N-0
4	G1/8"	9	13	5	16,5	9	3	6,1	PI12-04-18-N-0
4	G1/4"	9	16	6,5	18,5	9	3	12	PI12-04-14-N-0
6	M5x0,8	12	8	4	22	-	2,5	8,6	PI12-06-M5-N-0
6	M6x1	12	9	4,5	22,5	-	3	8,9	PI12-06-M6-N-0
6	M12x1,25	12	15	6,5	21	12	4	11,8	PI12-06-M12X1,25-N-0
6	M12x1,5	12	15	6,5	21	12	4	12,9	PI12-06-M12X1,5-N-0
6	G1/8"	12	13,5	5	19,5	12	4	9,1	PI12-06-18-N-0
6	G1/4"	12	16	6,5	19,5	12	4	12,7	PI12-06-14-N-0
6	G3/8"	12	20	7	20,5	12	4	-	PI12-06-38-N-0
6	G1/2"	12	25	8,5	22,5	12	4	-	PI12-06-12-N-0
8	G1/8"	14	14,5	5	23,5	13	6	11,5	PI12-08-18-N-0
8	G1/4"	14	16	6,5	21,5	14	6	13,9	PI12-08-14-N-0
8	G3/8"	14	20	7	21	14	6	20,1	PI12-08-38-N-0
8	G1/2"	14	25	8,5	23	14	6	34,3	PI12-08-12-N-0
10	G1/8"	16	13	5	26,5	15	8		PI12-10-18-N-0-YA
10	G1/4"	16	16,5	6,5	27,5	15	8	17,5	PI12-10-14-N-0
10	G3/8"	16	20	7	25	16	8	22,6	PI12-10-38-N-0
10	G1/2"	16	25	8,5	25,5	16	8	34,5	PI12-10-12-N-0
12	G1/4"	19	21	6,5	28,5	19	8	26,2	PI12-12-14-N-0
12	G3/8"	19	21	7	28,5	19	10	29	PI12-12-38-N-0
12	G1/2"	19	25	8,5	26,5	19	10	36,1	PI12-12-12-N-0
14	G3/8"	22	25	7	32	22	10	37,5	PI12-14-38-N-0
14	G1/2"	22	25	8,5	32	22	12	42,4	PI12-14-12-N-0
16	G1/2"	24	28	8,5	34,5	25	13	53,6	PI12-16-12-N-0-YA
16	G3/4"	24	28	9,5	32	24	13	68,2	PI12-16-34-N-0

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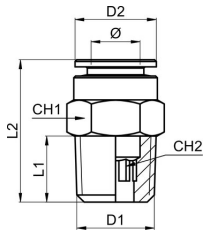
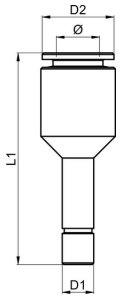
PI12C Straight male connector - Tapered thread



Ø	D1	D2	L1	L2	CH1	CH2	Weight [g]	Type
4	R1/8"	9	7,5	16	10	3	5,5	PI12C-04-18-N-T
4	R1/4"	9	11	20,5	14	3	16,1	PI12C-04-14-N-T
6	R1/8"	12	7,5	21	12	4	8,7	PI12C-06-18-N-T
6	R1/4"	12	11	20,5	14	4	15,8	PI12C-06-14-N-T
6	R3/8"	12	11,5	21	17	4	-	PI12C-06-38-N-T-YA
8	R1/8"	14	7,5	25	14	6	13,2	PI12C-08-18-N-T
8	R1/4"	14	11	23,5	14	6	13,9	PI12C-08-14-N-T
8	R3/8"	14	11,5	22,5	17	6	23,6	PI12C-08-38-N-T
8	R1/2"	14	14	25	22	6	-	PI12C-08-12-N-T
10	R1/8"	16	7,5	28	16	6	-	PI12C-10-18-N-T
10	R1/4"	16	11	30,5	16	8	20,2	PI12C-10-14-N-T
10	R3/8"	16	11,5	24	17	8	20	PI12C-10-38-N-T
10	R1/2"	16	14	27	22	8	47,5	PI12C-10-12-N-T
12	R1/4"	19	11	32	19	8	28,5	PI12C-12-14-N-T
12	R3/8"	19	11,5	27,5	19	10	24,1	PI12C-12-38-N-T
12	R1/2"	19	14	27,5	22	10	42,3	PI12C-12-12-N-T
14	R3/8"	22	11,5	35,5	22	10	40,1	PI12C-14-38-N-T
14	R1/2"	22	14	32,5	22	12	39,5	PI12C-14-12-N-T

PI12 Reduction



Ø	D1	D2	L1	Weight [g]	Type
3	4	7	27	2,5	PI12-03-04-N
4	6	9	33,5	7	PI12-04-06-N
4	8	9	33,5	10	PI12-04-08-N
4	10	10	31,5	15	PI12-04-10-N
4	12	12	32,5	24,5	PI12-04-12-N
6	4	12	35,5	10	PI12-06-04-N
6	8	12	35	11,5	PI12-06-08-N
6	10	12	36,5	16,5	PI12-06-10-N
6	12	12	35,5	22,2	PI12-06-12-N
6	14	14	37,5	25	PI12-06-14-N
8	6	14	39,5	13,5	PI12-08-06-N
8	10	14	37	15	PI12-08-10-N
8	12	14	39	23	PI12-08-12-N
8	14	14	38,5	31,5	PI12-08-14-N
10	12	16	42	20	PI12-10-12-N
10	14	16	42	29,5	PI12-10-14-N
12	14	19	43	24	PI12-12-14-N
14	16	22	49,5	91,8	PI12-14-16-N

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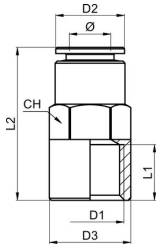
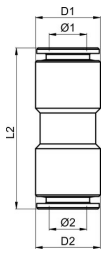
PI13 Straight male stud fitting



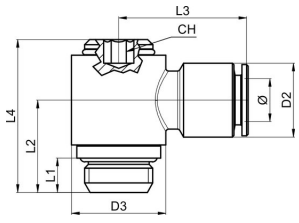
Ø	D1	D2	D3	L1	L2	CH	Weight [g]	Type
4	G1/8"	9	13	7,5	23,5	9	10	PI13-04-18-N
6	G1/8"	12	14	7,5	26	12	15,1	PI13-06-18-N
6	G1/4"	12	16	11	30	12	18,5	PI13-06-14-N
8	G1/8"	14	13	7,5	26	14	17,5	PI13-08-18-N
8	G1/4"	14	16	11	30	14	20,2	PI13-08-14-N
8	G3/8"	14	20	12	31	14	25,9	PI13-08-38-N
10	G1/4"	16	16	11	32	16	24,4	PI13-10-14-N
10	G3/8"	16	20	12	33,5	16	30,3	PI13-10-38-N
10	G1/2"	16	25	13,5	36,5	16	45	PI13-10-12-N
12	G3/8"	19	23,1	11	34	20	38,3	PI13-12-38-N-YA
12	G1/2"	18,8	25	11	37	19	50,9	PI13-12-12-N-YA

PI13 Straight connector



Ø 1	Ø 2	D1		L1	Weight [g]	Type
3	3	6,5	6,5	22,5	2,7	PI13-03-N
4	4	9	9	28	6,8	PI13-04-N
6	6	12	12	33,5	15	PI13-06-N
6	4	12	12	31	14,7	PI13-06-04-N
8	8	14	14	34	18	PI13-08-N
8	6	14	14	34	21	PI13-08-06-N
10	10	16	16	38,5	22,5	PI13-10-N
10	8	16	16	36,5	25,2	PI13-10-08-N
12	12	19	19	41	37	PI13-12-N
12	8	19	14	39	-	PI13-12-08-N
12	10	19	16	40,5	-	PI13-12-10-N
14	14	22	22	47	47,4	PI13-14-N
14	12	22	19	44,5	-	PI13-14-12-N-YA
16	16	24	24	47	63,2	PI13-16-N
16	12	24	19	44,5	-	PI13-16-12-N
16	14	24	22	47	-	PI13-16-14-N

PI14-360 Swivel elbow male stud fitting - Cylindrical thread



Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
3	M3x0,5	7	7	3	8,5	13	14	2	4,6	PI14-03-M3-N-0-360
3	M5x0,8	7	10	4	11	14,5	19	3	8,1	PI14-03-M5-N-0-360
4	M5x0,8	9	10	4	11	18,5	19	3	10,1	PI14-04-M5-N-0-360
4	G1/8"	9	14	5	15	20,5	25,5	4	22,2	PI14-04-18-N-0-360
6	M5x0,8	12	10	4	11	21,5	19	3	13,3	PI14-06-M5-N-0-360
6	G1/8"	12	14	5	15	22,5	25,5	4	24,4	PI14-06-18-N-0-360
6	G1/4"	12	18	6,5	17,5	24	29	5	39,3	PI14-06-14-N-0-360
8	G1/8"	14	14	5	15	23,5	25,5	4	25,7	PI14-08-18-N-0-360
8	G1/4"	14	18	6,5	17,5	24,5	29	5	39,1	PI14-08-14-N-0-360
10	G1/4"	16	18	6,5	17,5	27	29	5	43,6	PI14-10-14-N-0-360
10	G3/8"	16	22	7	19,5	29	32,5	6	62,2	PI14-10-38-N-0-360
12	G3/8"	19	22	7	19,5	29,5	32,5	6	67,1	PI14-12-38-N-0-360
12	G1/2"	19	26	8,5	24	31,5	39,5	8	114,8	PI14-12-12-N-0-360

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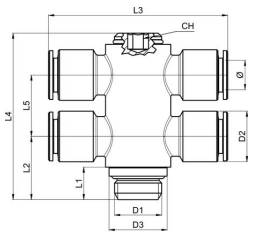
PI15-360 Swivel T male stud fitting - with two T-ring pieces



Ø	D1	D2	D3	L1	L2	L3	L4	L5	CH	Weight [g]	Type
4	M5x0,8	9	10	4	11	38	29	10	3	25	PI15-04-M5-N-0-360
4	G1/8"	9	14	5	15	41	40,5	15	4	50	PI15-04-18-N-0-360
6	G1/8"	12	14	5	15	45	40,5	15	4	59	PI15-06-18-N-0-360
6	G1/4"	12	18	6,5	17,5	48	46	17	5	82	PI15-06-14-N-0-360
8	G1/8"	14	14	5	15	47	40,5	15	4	61	PI15-08-18-N-0-360
8	G1/4"	14	18	6,5	17,5	49	46	17	5	83,5	PI15-08-14-N-0-360

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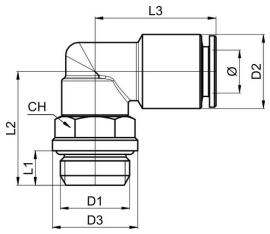
PI16-360 Swivel elbow male stud fitting - Cylindrical thread



Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
3	M5x0,8	7	10	4	14	14	9	7,1	PI16-03-M5-N-0-360
4	M5x0,8	9	10	4	14	17,5	9	8,8	PI16-04-M5-N-0-360
4	M6x1	9	10	4,5	14,5	17,5	9	8,7	PI16-04-M6-N-0-360
4	G1/8"	9	14,5	5	18,2	19,5	13	15,7	PI16-04-18-N-0-360
4	G1/4"	9	16	6,5	21,7	19,5	13	19	PI16-04-14-N-0-360
6	M5x0,8	12	10	4	14	20,5	9	11,9	PI16-06-M5-N-0-360
6	M6x1	12	10	4,5	14,5	20,5	9	12	PI16-06-M6-N-0-360
6	M12x1,25	12	15	6,5	21,7	22	13	22	PI16-06-M12X1,25-N-0-360
6	M12x1,5	12	15	6,5	21,7	22	13	21,5	PI16-06-M12X1,5-N-0-360
6	G1/8"	12	14,5	5	18	22	13	18,5	PI16-06-18-N-0-360
6	G1/4"	12	16	6,5	21,7	22	13	22	PI16-06-14-N-0-360
6	G3/8"	12	20	7	22,2	22	13	-	PI16-06-38-N-0-360
6	G1/2"	12	25	8,5	24,2	22	13	-	PI16-06-12-N-0-360
8	G1/8"	14	14,5	5	18	22,5	13	22	PI16-08-18-N-0-360
8	G1/4"	14	16	6,5	21,5	22,5	13	26	PI16-08-14-N-0-360
8	G3/8"	14	20	7	25,5	23	16	36,8	PI16-08-38-N-0-360
8	G1/2"	14	25	8,5	27,5	23	16	41	PI16-08-12-N-0-360
10	G1/8"	16	18	5	20,5	26	16	-	PI16-10-18-N-0-360-YC
10	G1/4"	16	18	6,5	22	26	16	32,5	PI16-10-14-N-0-360
10	G3/8"	16	20	7	25,5	26	16	39,5	PI16-10-38-N-0-360
10	G1/2"	16	25	8,5	27,5	26	16	43,2	PI16-10-12-N-0-360
12	G1/4"	19	22,5	6,5	25,5	28,5	20	58,5	PI16-12-14-N-0-360
12	G3/8"	19	22,5	7	26	28,5	20	57	PI16-12-38-N-0-360
12	G1/2"	19	25	8,5	30,5	28,5	20	65,1	PI16-12-12-N-0-360
14	G3/8"	22	22,5	7	26	32	20	61,6	PI16-14-38-N-0-360
14	G1/2"	22	25	8,5	30,5	32	20	68,5	PI16-14-12-N-0-360
16	G1/2"	24	27	8,5	33	36,5	25	105,2	PI16-16-12-N-0-360
16	G3/4"	24	32	9,5	35	36,5	25	113,8	PI16-16-34-N-0-360

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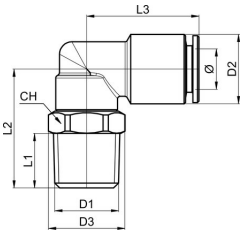
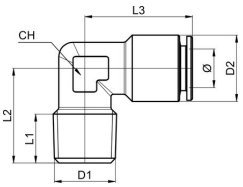
PI16C-360 Swivel elbow male stud fitting - Tapered thread



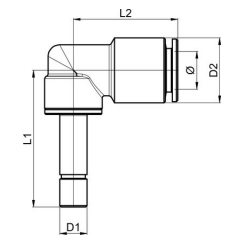
Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9	11,2	7,5	17,9	19,5	10	10,8	PI16C-04-18-N-T-360
4	R1/4"	9	15,5	11	24	19,5	14	20,9	PI16C-04-14-N-T-360
6	R1/8"	12	14,5	7,5	20	22	13	19,4	PI16C-06-18-N-T-360
6	R1/4"	12	15,5	11	24	22	14	24	PI16C-06-14-N-T-360
6	R3/8"	12	20	11,5	25	22	18	-	PI16C-06-38-N-T-360
8	R1/8"	14	14,5	7,5	20	22,5	13	23	PI16C-08-18-N-T-360
8	R1/4"	14	15,5	11	24	22,5	14	26,4	PI16C-08-14-N-T-360
8	R3/8"	14	20	11,5	27	23	18	39,2	PI16C-08-38-N-T-360
8	R1/2"	14	24,5	14	31	23	22	-	PI16C-08-12-N-T-360
10	R1/8"	16	20	7,5	26,5	23	18	-	PI16C-10-18-N-T-360
10	R1/4"	16	20	11	26,5	26	18	38,6	PI16C-10-14-N-T-360
10	R3/8"	16	20	11,5	27	26	18	41	PI16C-10-38-N-T-360
10	R1/2"	16	24,5	14	31	26	22	-	PI16C-10-12N-T-360
12	R1/4"	19	22,5	11	30	28,5	20	-	PI16C-12-14-N-T-36
12	R3/8"	19	22,5	11,5	30,5	28,5	20	61,8	PI16C-12-38-N-T-360
12	R1/2"	19	24,5	14	33,5	28,5	22	71,5	PI16C-12-12-N-T-360
14	R3/8"	22	22,5	11,5	30,5	32	20	66,2	PI16C-14-38-N-T-360
14	R1/2"	22	24,5	14	33,5	32	22	74,6	PI16C-14-12-N-T-360

PI16C Male elbow screw-in fitting - Tapered thread



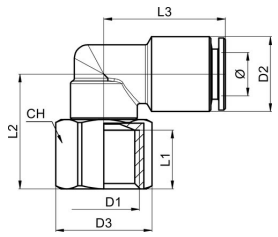
Ø	D1	D2	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9	7,8	15	17,5	8	8,1	PI16C-04-18-N-T
4	R1/4"	9	10	19	17,5	10	13,9	PI16C-04-14-N-T
6	R1/8"	12	8,2	15,5	20,5	10	13,2	PI16C-06-18-N-T
6	R1/4"	12	10	19	20,5	10	16,7	PI16C-06-14-N-T
8	R1/8"	14	7,5	19	22,5	12	19,6	PI16C-08-18-N-T
8	R1/4"	14	10,5	20	22,5	12	22,6	PI16C-08-14-N-T
10	R1/4"	16	9,5	22	25	14	27,1	PI16C-10-14-N-T
10	R3/8"	16	10,8	22,5	25	14	32,1	PI16C-10-38-N-T

PI16 Elbow connector with push-in nipple



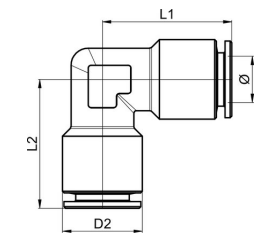
Ø	L1	L2	D1	D2	Weight [g]	Type
4	25,7	19,5	4	9,1	14	PI16-04-N
4	29,7	19,5	6	9,1	15	PI16-04-06-N
6	25,7	22	4	12	17	PI16-06-04-N
6	29,7	22	6	12	17	PI16-06-N
6	29,7	22	8	12	17,5	PI16-06-08-N
8	29,5	22,5	6	14	20,5	PI16-08-06-N
8	29,5	22,5	8	14	20,5	PI16-08-N
10	33,5	26	10	16	30	PI16-10-N

PI17-360 Swivel male elbow fitting



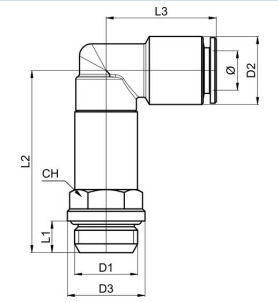
Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
4	G1/8"	9,1	14,5	6,5	17,9	19,5	13	17,3	PI17-04-18-N-360
6	G1/8"	12	14,5	6,5	17,9	22	13	19,7	PI17-06-18-N-360
6	G1/4"	12	18	10	22,2	22	16	25,4	PI17-06-14-N-360
8	G1/8"	14	14,5	6,5	17,7	22,5	13	23,1	PI17-08-18-N-360
8	G1/4"	14	18	10	22	22,5	16	29,1	PI17-08-14-N-360
10	G1/4"	16	18	10	23	26	16	35,6	PI17-10-14-N-360
10	G3/8"	16	22,5	10,5	25	26	20	43,5	PI17-10-38-N-360

PI17 Elbow connector



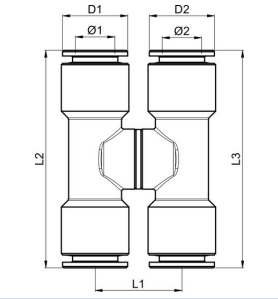
Ø	D2	L1	Weight [g]	Type
3	7	12,8	4,5	PI17-03-N
4	9	17,5	9	PI17-04-N
6	12	20,5	16,5	PI17-06-N
8	14	22,5	22	PI17-08-N
10	16	25	29,5	PI17-10-N
12	19	26,5	48,5	PI17-12-N
14	22	31,5	58	PI17-14-N
16	24	36,5	90,6	PI17-16-N

PI19-360 Rotatable long elbow male stud fitting - Cylindrical thread



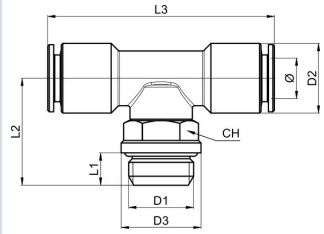
Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
4	G1/8"	9,1	14,5	5	29,2	19,5	13	25,6	PI19-04-18-N-0-360
6	G1/8"	12	14,5	5	32,2	22	13	30,5	PI19-06-18-N-0-360
6	G1/4"	12	16	6,5	35,7	22	13	30,9	PI19-06-14-N-0-360
8	G1/8"	14	14,5	5	34	22,5	13	35,7	PI19-08-18-N-0-360
8	G1/4"	14	18	6,5	37,5	22,5	13	36	PI19-08-14-N-0-360

PI20-360 Swivel cross connector



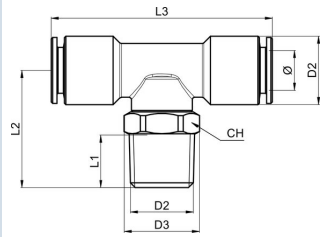
Ø1	Ø2	L1	L2	L3	D1	D2	Weight [g]	Type
4	4	18,4	39	39	9,1	9,1	31	PI20-04-N-360
4	6	18,4	39	44	9,1	12	36	PI20-04-06-N-360
6	6	18	44	44	12	12	41	PI20-06-N-360
6	8	18	44	45	12	14	46,5	PI20-06-08-N-360
8	8	18	45	45	14	14	50	PI20-08-N-360

PI21-360 Swivel T male stud fitting - Cylindrical thread



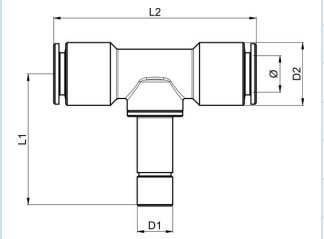
Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
4	G1/8"	9,1	14,5	5	18,2	39	13	20,2	PI21-04-18-N-0-360
4	G1/4"	9,1	16	6,5	21,7	39	13	23,9	PI21-04-14-N-0-360
6	G1/8"	12	14,5	5	18	44	13	25,2	PI21-06-18-N-0-360
6	G1/4"	12	16	6,5	21,5	44	13	29,1	PI21-06-14-N-0-360
8	G1/8"	14	14,5	5	18	45	13	30,7	PI21-08-18-N-0-360
8	G1/4"	14	16	6,5	21,5	45	13	34,1	PI21-08-14-N-0-360
8	G3/8"	14	20	7	25,5	46	16	46,4	PI21-08-38-N-0-360
10	G1/4"	16	18	6,5	22	52	16	44,4	PI21-10-14-N-0-360
10	G3/8"	16	20	7	25,5	52	16	49,7	PI21-10-38-N-0-360
12	G3/8"	19	22,5	7	26	57	20	75,3	PI21-12-38-N-0-360
12	G1/2"	19	25	8,5	30,5	57	20	82	PI21-12-12-N-0-360

PI21C-360 Swivel T male stud fitting - Tapered thread



Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
4	R1/8"	9,1	14,5	7,5	20,2	39	13	21,5	PI21C-04-18-N-T-360
4	R1/4"	9,1	15,5	11	24,2	39	14	25,6	PI21C-04-14-N-T-360
6	R1/8"	12	14,5	7,5	20	44	13	26,3	PI21C-06-18-N-T-360
6	R1/4"	12	15,5	11	24	44	14	30,4	PI21C-06-14-N-T-360
8	R1/8"	14	14,5	7,5	20	45	13	31,3	PI21C-08-18-N-T-360
8	R1/4"	14	15,5	11	24	45	14	35,3	PI21C-08-14-N-T-360
8	R3/8"	14	20	11,5	27	46	18	49,1	PI21C-08-38-N-T-360
10	R1/4"	16	20	11	26,5	52	18	50	PI21C-10-14-N-T-360
10	R3/8"	16	20	11,5	27	52	18	51,6	PI21C-10-38-N-T-360
12	R3/8"	19	22,5	11,5	30,5	57	20	80	PI21C-12-38-N-T-360
12	R1/2"	19	24,5	14	33,5	57	22	83,5	PI21C-12-12-N-T-360

PI21 T-connector with plug-in nipple



Ø	L1	L2	D1	D2	Weight [g]	Type
4	25,7	39	4	9	18,5	PI21-04-N
4	29,7	39	6	9	19,5	PI21-04-06-04-N
6	29,5	44	6	12	24,5	PI21-06-N
6	29,5	44	8	12	24,5	PI21-06-08-06-N
8	29,5	45	8	14	29	PI21-08-N
8	33,5	46	10	14	38,5	PI21-08-10-08-N
10	33,5	52	10	16	41	PI21-10-N

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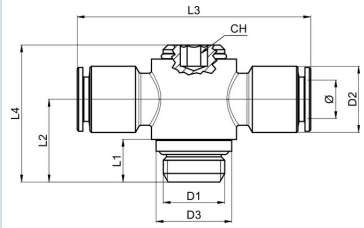
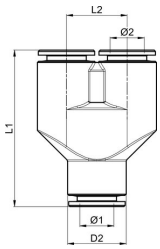
PI22-360 Swivel T male stud fitting - Cylindrical thread



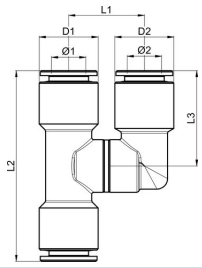
Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
4	M5x0,8	9	10	4	11	38	19,1	3	13,8	PI22-04-M5-N-0-360
4	G1/8"	9	14	5	15	41	25,5	4	27,4	PI22-04-18-N-0-360
6	M5x0,8	12	10	4	11	43	19,1	3	19,9	PI22-06-M5-N-0-360
6	G1/8"	12	14	5	15	45	25,5	4	32,1	PI22-06-18-N-0-360
6	G1/4"	12	18	6,5	17,5	48	29	5	45,8	PI22-06-14-N-0-360
8	G1/8"	14	14	5	15	47	25,5	4	34,1	PI22-08-18-N-0-360
8	G1/4"	14	18	6,5	17,5	49	29	5	46,5	PI22-08-14-N-0-360
10	G1/4"	16	18	6,5	17,5	54	29	5	55,2	PI22-10-14-N-0-360
10	G3/8"	16	22	7	19,5	58	32,5	6	72,4	PI22-10-38-N-0-360
12	G3/8"	19	22	7	19,5	59	32,5	6	79	PI22-12-38-N-0-360
12	G1/2"	19	27	8,5	24	63	39,6	8	124,7	PI22-12-12-N-0-360

PI23 Y-connector



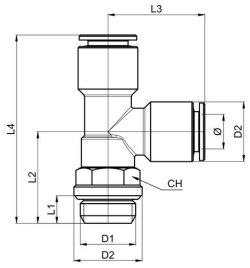
Ø1	Ø2	D2	L1	L2	Weight [g]	Type
3	3	6,8	25	7,5	8,1	PI23-06-N
4	4	9	29,5	9,5	14,3	PI23-04-N
6	6	12	36,5	12,5	32,7	PI23-06-N
6	4	12	34,1	12,5	36,1	PI23-04-06-N
8	8	14	37,5	14,5	44,1	PI23-08-N
8	6	14	37,5	14,5	51,1	PI23-06-08-N
10	10	16	44,5	16,5	62,7	PI23-10-N
10	8	16	44	16,5	74,9	PI23-08-10-N
12	12	19	49	19,5	95,8	PI23-12-N

PI23-360 Swivel Y-connector



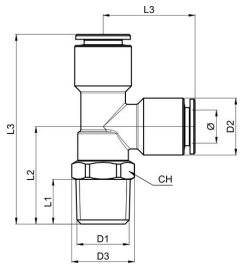
Ø1	Ø2	L1	L2	L3	D1	D2	Weight [g]	Type
4	4	18,4	39	19,5	9,1	9,1	27	PI23-04-N-360
4	6	18,4	39	22	9,1	12	29,5	PI23-04-06-N-360
6	6	18,2	44	22	12	12	34,5	PI23-06-N-360
6	8	18	44	22,5	12	14	37,5	PI23-06-08-N-360
8	8	18	45	22,5	14	14	42	PI23-08--N-360

PI24-360 Swivel T male stud fitting - Cylindrical thread



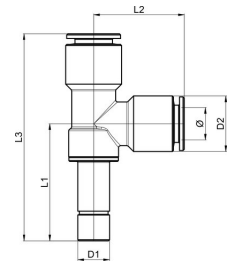
Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
4	G1/8"	9,1	14,5	5	18,2	19,5	37,7	13	20,5	PI24-04-18-N-0-360
4	G1/4"	9,1	16	6,5	21,7	19,5	41,2	13	24	PI24-04-14-N-0-360
6	G1/8"	12	14,5	5	18,2	22	40,2	13	26	PI24-06-18-N-0-360
6	G1/4"	12	16	6,5	21,7	22	43,7	13	29,5	PI24-06-14-N-0-360
8	G1/8"	14	14,5	5	18	22,5	40,5	13	30	PI24-08-18-N-0-360
8	G1/4"	14	16	6,5	21,5	22,5	44	13	33,5	PI24-08-14-N-0-360
10	G1/4"	16	16	6,5	22	26	48	16	44	PI24-10-14-N-0-360
10	G3/8"	16	20	7	25,5	26	51,5	16	49	PI24-10-38-N-0-360
12	G3/8"	19	22,5	7	26	28,5	54,5	20	73	PI24-12-38-N-0-360
12	G1/2"	19	25	8,5	30,5	28,5	59	20	77	PI24-12-12-N-0-360

PI24C-360 Swivel T male stud fitting - Tapered thread



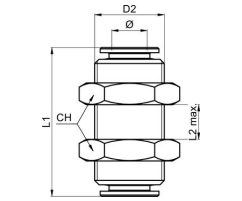
Ø	D1	D2	D3	L1	L2	L3	L4	CH	Weight [g]	Type
4	R1/8"	9,1	14,5	7,5	20,2	19,5	39,5	13	22	PI24C-04-18-N-T-360
4	R1/4"	9,1	15,5	11	24,2	19,5	43,7	14	25,5	PI24C-04-14-N-T-360
6	R1/8"	12	14,5	7,5	20,2	22	42,2	13	27,5	PI24C-06-18-N-T-360
6	R1/4"	12	15,5	11	24,2	22	46,2	14	31	PI24C-06-14-N-T-360
8	R1/8"	14	14,5	7,5	20	22,5	42,5	13	31	PI24C-08-18-N-T-360
8	R1/4"	14	15,5	11	24	22,5	46,5	14	35	PI24C-08-14-N-T-360
10	R1/4"	16	20	11	26,5	26	52,5	18	50	PI24C-10-14-N-T-360
10	R3/8"	16	20	11,5	27	26	53	18	51	PI24C-10-38-N-T-360
12	R3/8"	19	22,5	11,5	30,5	28,5	59	20	75	PI24C-12-38-N-T-360
12	R1/2"	19	24,5	14	33,5	28,5	62	22	83,5	PI24C-12-12-N-T-360

PI24 L-connector with push-in nipple



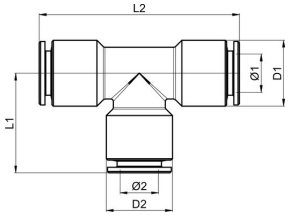
Ø	L1	L2	L3	D1	D2	Weight [g]	Type
4	25,	19,5	45,2	4	9,1	18,5	PI24-04-N
4	29,7	19,5	49,2	6	9,1	20	PI24-04-06-04-N
6	29,7	22	51,7	6	12	25	PI24-06-N
6	29,7	22	51,7	8	12	25,5	PI24-06-08-06-N
8	29,5	22,5	52	8	14	30	PI24-08-N
10	33,5	26	59,5	10	16	41	PI24-10-N

PI27 Bulkhead fitting



Ø	D2	L1	L2 max	CH	Weight [g]	Type
3	M8x0,75	22,5	9,5	12	14,5	PI27-03-N
4	M12x1	28	11	16	23,5	PI27-04-N
6	M14x1	34	16	18	33	PI27-06-N
8	M16x1	34	16	20	39,5	PI27-08-N
10	M18x1	39	19	22	51,5	PI27-10-N
12	M20x1	41	20	24	60	PI27-12-N

PI29 T-connector



Ø1	Ø2	D1	D2	L1	L2	Weight [g]	Type
3	3	7	7	12,8	25,6	5,6	PI29-03-N
4	4	9	9	17,5	35	12,5	PI29-04-N
6	6	12	12	20	40	22,5	PI29-06-N
6	4	12	9	18	40	-	PI29-06-04-N
8	8	14	14	21	42	28	PI29-08-N
8	6	14	12	20,5	42	-	PI29-08-06-N
10	10	16	16	24,5	49	39,2	PI29-10-N
10	8	16	14	23	49	-	PI29-10-08-N
12	12	19	19	26	52	61,3	PI29-12-N
12	10	19	16	26	52	-	PI29-12-10-N
14	14	22	22	30,5	61	77,1	PI29-14-N
16	16	24	24	36,5	73	124	PI29-16-N

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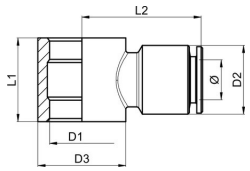
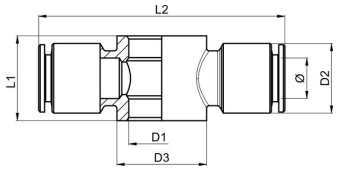
PI35 L-ring piece



Ø	D1	D2	D3	L1	L2	Weight [g]	Type
4	M5	9,1	10	9	18,5	7,7	PI35-04-M5-N
4	M5	9,1	10	10	18,5	6,6	PI35-04-M5-N-M*
4	G1/8"	9,1	14	15	20,5	13,5	PI35-04-18-N
6	M5	12	10	9	21,5	10,9	PI35-06-M5-N
6	M5	12	10	10	21,5	10,1	PI35-06-M5-N-M*
6	G1/8"	12	14	15	22,5	15,5	PI35-06-18-N
6	G1/4"	12	18	17	24	21,6	PI35-06-14-N
8	G1/8"	14	14	15	23,5	16,7	PI35-08-18-N
8	G1/4"	14	18	17	24,5	22,8	PI35-08-14-N
8	G3/8"	14	22	20	26,5	32,7	PI35-08-38-N
10	G1/4"	16	18	17	27	27,2	PI35-10-14-N
10	G3/8"	16	22	20	29	34,5	PI35-10-38-N
12	G3/8"	19	22	20	29,5	38,8	PI35-12-38-N
12	G1/2"	19	26	24	31,5	56,9	PI35-12-12-N

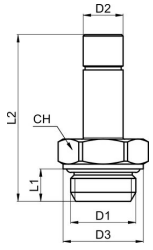
*for Swivel throttle valve and Swivel throttle check valve

PI36 T-ring connector piece



Ø	D1	D2	D3	L1	L2	Weight [g]	Type
4	M5	9	10	9	37	10,9	PI36-04-M5-N
4	G1/8"	9	14	15	41	18	PI36-04-18-N
6	G1/8"	12	14	15	45	23	PI36-06-18-N
6	G1/4"	12	18	17	48	28,7	PI36-06-14-N
8	G1/8"	14	14	15	47	25,3	PI36-08-18-N
8	G1/4"	14	18	17	49	29,7	PI36-08-14-N
8	G3/8"	14	22	20	53	42,5	PI36-08-38-N
10	G1/4"	16	18	17	54	37,9	PI36-10-14-N
10	G3/8"	16	22	20	58	44,5	PI36-10-38-N
12	G3/8"	19	22	20	59	51,3	PI36-12-38-N
12	G1/2"	19	27	24	63	67,2	PI36-12-12-N

PI38 Threaded push-in nipple



Ø D2 [mm]	D1	D3	L1	L2	CH	Weight [g]	Type
4	M5x0,8	10	4	26	9	3,2	PI38-04-M5-N-0
4	G1/8"	14,5	5	28	13	7,2	PI38-04-18-N-0
4	G1/4"	16	6,5	29,5	16	12,4	PI38-04-14-N-0
6	M5x0,8	10	4	28	9	5,9	PI38-06-M5-N-0
6	G1/8"	14,5	5	30	13	8,5	PI38-06-18-N-0
6	G1/4"	16	6,5	32,5	16	13,7	PI38-06-14-N-0
8	G1/8"	14,5	5	31	13	9,4	PI38-08-18-N-0
8	G1/4"	16	6,5	33,5	16	14,5	PI38-08-14-N-0
10	G1/4"	16	6,5	34,5	16	15,5	PI38-10-14-N-0
10	G3/8"	20	7	35	20	22	PI38-10-38-N-0
12	G3/8"	20	7	38	20	23,6	PI38-12-38-N-0
12	G1/2"	25	8,5	39,5	25	38	PI38-12-12-N-0

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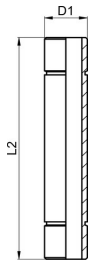
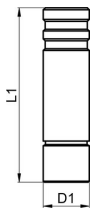
PI38 Connecting pin



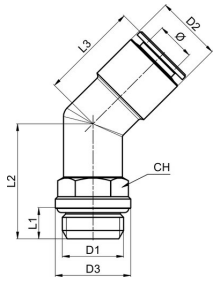
D1	L1	Weight [g]	Type
4	35	2,7	PI38-04-N
6	40	5,1	PI38-06-N
8	42	8	PI38-08-N
10	50	11,8	PI38-10-N
12	53	15,3	PI38-12-N
14	54	18,8	PI38-12-N

PI40 Sealing pin



D1	L1	Weight [g]	Type
3	20	1	PI40-03-N
4	25	2,3	PI40-04-N
6	25	3,7	PI40-06-N
8	30	7,2	PI40-08-N
10	35	11,8	PI40-10-N
12	40	18,2	PI40-12-N
14	40	26,2	PI40-14-N
16	40	32,5	PI40-16-N

PI85-360 Swivel elbow male stud fitting 45° - Cylindrical thread



Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
6	G1/8"	12	12,8	5	21	21	13	-	PI85-06-18-N-0-360
6	G1/4"	12	16	6,5	24,5	21	13	-	PI85-06-14-N-0-360
8	G1/8"	14	12,8	5	21	21	13	-	PI85-08-18-N-0-360
8	G1/4"	14	16	6,5	24,5	21	13	-	PI85-08-14-N-0-360
10	G1/4"	16	16	6,5	23	25	13	-	PI85-10-14-N-0-360
10	G3/8"	16	20	7	26,5	25	16	-	PI85-10-38-N-0-360
12	G3/8"	20	20	7	26	25	16	-	PI85-12-38-N-0-360
12	G1/2"	20	25	8,5	30,5	25	20	-	PI85-12-12-N-0-360

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