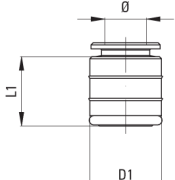


push-in fittings "Push-In" - nickel-plated brass series PI

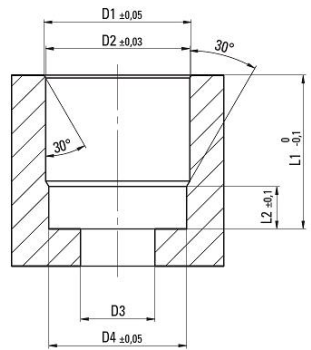


design	Push-in fitting with O-ring and gripper for connecting plastic hoses
connection	R1/8" to R1/2" optionally cylindrical acc. to ISO 228/1 or conical acc. to ISO 7/1 PTFE coated, M3 to M5 acc. to ISO R/262
outer pipe diameter	3mm...14mm
materials	body nickel-plated brass, gripping collet stainless steel AISI 301, seals NBR
suggested piping materials	polyamide (PA), polyurethane (PU/CP), polyethylene (PE), PTFE (PT)
pipe tolerances	+/- 0.05 mm up to diameter 10 mm , +/- 0.1 mm from diameter 12 mm
medium	compressed air, neutral gases
medium temperature	-20°C...70°C
operating pressure	-0,75...15bar, depending on the maximum pressure of the piping used

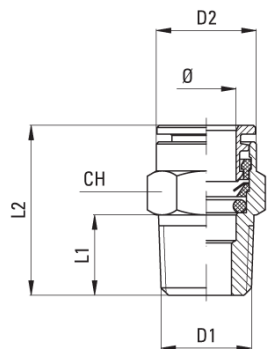
PI10 cartridge suitable for housing of plastic, brass or aluminum

	Ø	D1	L1	weight [g]	type
	4	9	14,5	3,6	PI10-04-N
	6	11,5	16,5	5,7	PI10-06-N
	8	13,5	17	7,9	PI10-08-N
	10	15,5	18,5	10,3	PI10-10-N

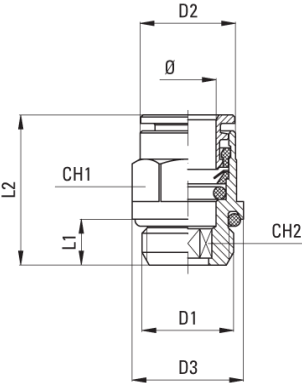
PI10 drawing for cartridge seat

	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

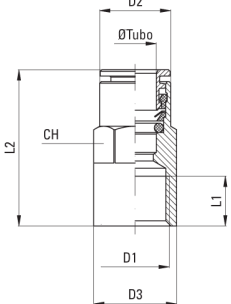
PI12C straight male stud fitting - conical thread

	Ø	D1	D2	L1	L2	CH	weight [g]	type
	4	R1/8"	9	7,5	15,5	10	5	PI12C-04-18-N-T
	4	R1/4"	9	11	20	14	16	PI12C-04-14-N-T
	6	R1/8"	12	7,5	20,5	12	9	PI12C-06-18-N-T
	6	R1/4"	12	11	20	14	14	PI12C-06-14-N-T
	8	R1/8"	14	7,5	24,5	14	13	PI12C-08-18-N-T
	8	R1/4"	14	11	23	14	14	PI12C-08-14-N-T
	8	R3/8"	14	11,5	22	17	24	PI12C-08-38-N-T
	10	R1/4"	16	11	30	16	21	PI12C-10-14-N-T
	10	R3/8"	16	11,5	23,5	17	21	PI12C-10-38-N-T
	10	R1/2"	16	14	26,5	22	47	PI12C-10-12-N-T
	12	R1/4"	18	11	31,5	18	29	PI12C-12-14-N-T
	12	R3/8"	18	11,5	27	18	24	PI12C-12-38-N-T
	12	R1/2"	18	14	27	22	42	PI12C-12-12-N-T
	14	R3/8"	22	11,5	35	22	41	PI12C-14-38-N-T
	14	R1/2"	22	14	32	22	39	PI12C-14-12-N-T

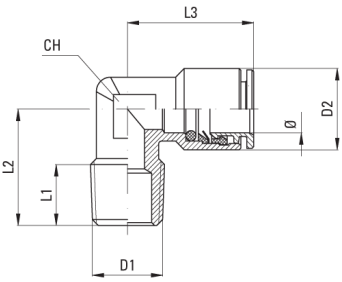
PI12 straight male stud fitting - cylindrical thread

	Ø	D1	D2	D3	L1	L2	CH1	CH2	weight [g]	type
	3	M3x0,5	6,5	5,5	3	14	-	1,5	2	PI12-03-M3-N-0
	3	M5x0,8	6,5	8	4	14,5	-	2	2	PI12-03-M5-N-0
	4	M5x0,8	9	8	4	18,5	-	2,5	4	PI12-04-M5-N-0
	4	M6x1	9	9	4,5	17	-	3	5	PI12-04-M6-N-0
	4	G1/8"	9	13,5	5	16	9	3	6	PI12-04-18-N-0
	4	G1/4"	9	16	6,5	18	9	3	12	PI12-04-14-N-0
	6	M5x0,8	12	8	4	21,5	-	2,5	9	PI12-06-M5-N-0
	6	M6x1	12	9	4,5	22	-	3	9	PI12-06-M6-N-0
	6	M12x1,25	12	14,5	11	24	13	-	13	PI12-06-M12X1,25-N-0
	6	M12x1,5	12	14,5	11	24	13	-	13	PI12-06-M12X1,5-N-0
	6	G1/8"	12	13,5	5	19	12	4	9	PI12-06-18-N-0
	6	G1/4"	12	16	6,5	19	12	4	13	PI12-06-14-N-0
	8	G1/8"	14	13	5	22,5	13	6	11	PI12-08-18-N-0
	8	G1/4"	14	16	6,5	21	14	6	14	PI12-08-14-N-0
	8	G3/8"	14	20	7	20,5	14	6	20	PI12-08-38-N-0
	10	G1/4"	16	16	6,5	27	15	8	17	PI12-10-14-N-0
	10	G3/8"	16	20	7	24,5	16	8	22	PI12-10-38-N-0
	10	G1/2"	16	25	8,5	25	16	8	35	PI12-10-12-N-0
	12	G1/4"	18	16	6,5	28	18	8	26	PI12-12-14-N-0
	12	G3/8"	18	20	7	28	18	10	29	PI12-12-38-N-0
	12	G1/2"	18	25	8,5	26	18	10	37	PI12-12-12-N-0
	14	G3/8"	22	20	7	31	22	10	37	PI12-14-38-N-0
	14	G1/2"	22	25	8,5	31,5	22	12	43	PI12-14-12-N-0

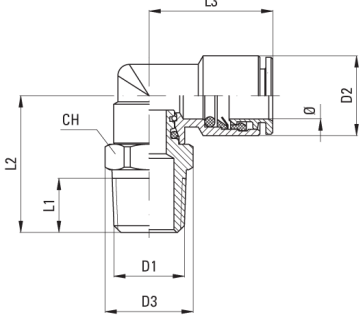
PI13 straight female fitting

	Ø	D1	D2	D3	L1	L2	CH	weight [g]	type
	4	G1/8"	9	13	7,5	23	9	10	PI13-04-18-N
	6	G1/8"	12	14	7,5	25,5	12	15	PI13-06-18-N
	6	G1/4"	12	16	11	29,5	12	19	PI13-06-14-N
	8	G1/8"	14	13	7,5	26	14	18	PI13-08-18-N
	8	G1/4"	14	16	11	29,5	14	20	PI13-08-14-N
	10	G1/4"	16	16	11	31,5	16	24	PI13-10-14-N
	10	G3/8"	16	20	12	33	16	30	PI13-10-38-N

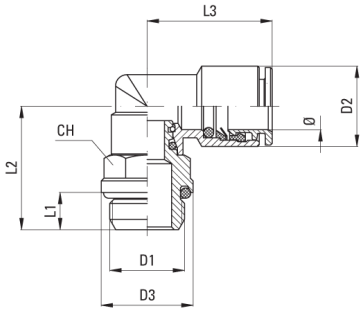
PI16C male elbow - conical thread

	Ø	D1	D2	L1	L2	L3	CH	weight [g]	type
	4	R1/8"	9	7,5	15	17	9	8	PI16C-04-18-N-T
	4	R1/4"	9	11	18,5	17	9	14	PI16C-04-14-N-T
	6	R1/8"	12	7,5	15	20	10	13	PI16C-06-18-N-T
	6	R1/4"	12	11	18,5	20	10	17	PI16C-06-14-N-T
	8	R1/8"	14	7,5	19	20,5	12	20	PI16C-08-18-N-T
	8	R1/4"	14	11	21	20,5	12	22,5	PI16C-08-14-N-T
	10	R1/4"	16	11	22	24	14	27	PI16C-10-14-N-T
	10	R3/8"	16	11,5	22,5	24	14	31	PI16C-10-38-N-T

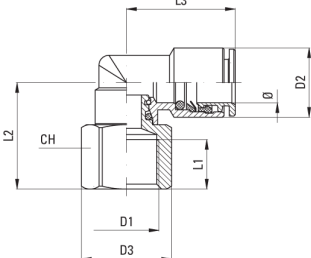
PI16C-360 swivel male elbow - conical thread

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	R1/8"	9	14,5	7,5	17,5	17	10	11	PI16C-04-18-N-T-360
	4	R1/4"	9	15,5	11	24	19	14	21	PI16C-04-14-N-T-360
	6	R1/8"	12	14,5	7,5	20	21,5	13	20	PI16C-06-18-N-T-360
	6	R1/4"	12	15,5	11	24	21,5	14	23	PI16C-06-14-N-T-360
	8	R1/8"	14	14,5	7,5	20	22	13	23	PI16C-08-18-N-T-360
	8	R1/4"	14	15,5	11	24	22	14	27	PI16C-08-14-N-T-360
	8	R3/8"	14	20	11,5	27	23	18	40	PI16C-08-38-N-T-360
	10	R1/4"	16	20	11	26,5	25	18	39	PI16C-10-14-N-T-360
	10	R3/8"	16	20	11,5	27	25	18	41	PI16C-10-38-N-T-360
	12	R3/8"	18	22,5	11,5	30,5	28	20	62	PI16C-12-38-N-T-360
	12	R1/2"	18	24,5	14	33,5	28	22	71	PI16C-12-12-N-T-360
	14	R3/8"	22	22,5	11,5	30,5	30,5	20	66	PI16C-14-38-N-T-360
	14	R1/2"	22	24,5	14	33,5	30,5	22	75	PI16C-14-12-N-T-360

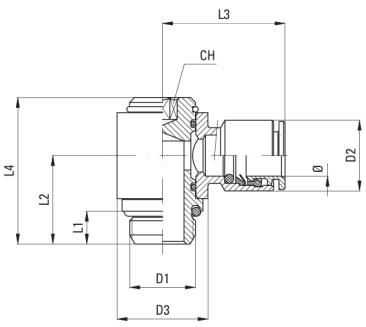
PI16 -360 swivel male elbow - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	M5x0,8	9	10	4	14	17	9	9	PI16-04-M5-N-0-360
	4	M6x1	9	10	4,5	14,5	17	9	9	PI16-04-M6-N-0-360
	4	G1/8"	9	14,5	5	18	19	13	16	PI16-04-18-N-0-360
	4	G1/4"	9	16	6,5	21,5	19	13	19	PI16-04-14-N-0-360
	6	M5x0,8	12	10	4	14	20	9	12	PI16-06-M5-N-0-360
	6	M6x1	12	10	4,5	14,5	20	9	12	PI16-06-M6-N-0-360
	6	M12x1,25	12	14,5	11	23	21,5	13	22	PI16-06-M12X1,25-N-0-360
	6	M12x1,5	12	14,5	11	23	21,5	13	22	PI16-06-M12X1,5-N-0-360
	6	G1/8"	12	14,5	5	18	21,5	13	18	PI16-06-18-N-0-360
	6	G1/4"	12	16	6,5	21,5	21,5	13	22	PI16-06-14-N-0-360
	8	G1/8"	14	14,5	5	18	22	13	22	PI16-08-18-N-0-360
	8	G1/4"	14	16	6,5	21,5	22	13	26	PI16-08-14-N-0-360
	8	G3/8"	14	20	7	25,5	23	16	37	PI16-08-38-N-0-360
	10	G1/4"	16	16	6,5	22	25	16	34	PI16-10-14-N-0-360
	10	G3/8"	16	20	7	25,5	25	16	39	PI16-10-38-N-0-360
	10	G1/2"	16	25	8,5	27,5	25	16	43	PI16-10-12-N-0-360
	12	G1/4"	18	16	6,5	25,5	28	20	60	PI16-12-14-N-0-360
	12	G3/8"	18	20	7	26	28	20	57	PI16-12-38-N-0-360
	12	G1/2"	18	25	8,5	30,5	28	20	66	PI16-12-12-N-0-360
	14	G3/8"	22	20	7	26	30,5	20	61	PI16-14-38-N-0-360
	14	G1/2"	22	25	8,5	30,5	30,5	20	69	PI16-14-12-N-0-360

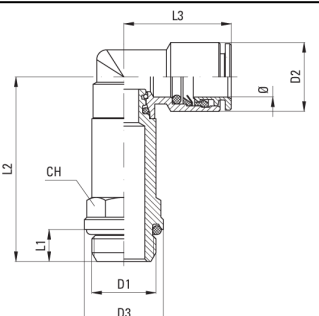
PI17-360 swivel female elbow

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	G1/8"	9	14,5	7,5	17,5	19	13	17	PI17-04-18-N-360
	6	G1/8"	12	14,5	7,5	17,5	21,5	13	20	PI17-06-18-N-360
	6	G1/4"	12	18	11	21,5	21,5	16	26	PI17-06-14-N-360
	8	G1/8"	14	14,5	7,5	17,5	22	13	23	PI17-08-18-N-360
	8	G1/4"	14	18	11	21,5	22	16	29	PI17-08-14-N-360
	10	G1/4"	16	18	11	23	25	16	36	PI17-10-14-N-360
	10	G3/8"	16	22,5	12	25	25	20	44	PI17-10-38-N-360

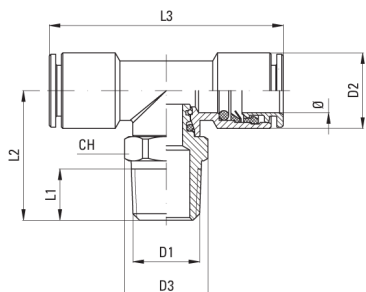
PI14-360 swivel male elbow - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	weight [g]	type
	3	M3x0,5	6,5	8	3	8,5	14	14	2	4,5	PI14-03-M3-N-0-360
	3	M5x0,8	6,5	8	4	9,5	14	15	2	8,5	PI14-03-M5-N-0-360
	4	M5x0,8	9	10	4	11	18	19	3	10	PI14-04-M5-N-0-360
	4	G1/8"	9	14	5	15	19,5	25,5	4	22	PI14-04-18-N-0-360
	6	M5x0,8	12	10	4	11	20,5	19	3	13	PI14-06-M5-N-0-360
	6	G1/8"	12	14	5	15	22	25,5	4	25	PI14-06-18-N-0-360
	6	G1/4"	12	18	6,5	17,5	23,5	29	5	40	PI14-06-14-N-0-360
	8	G1/8"	14	14	5	15	22,5	25,5	4	26	PI14-08-18-N-0-360
	8	G1/4"	14	18	6,5	17,5	24	29	5	40	PI14-08-14-N-0-360
	10	G1/4"	16	18	6,5	17,5	26,5	29	5	43	PI14-10-14-N-0-360
	10	G3/8"	16	22	7	19,5	28	32,5	6	63	PI14-10-38-N-0-360
	12	G3/8"	18	22	7	19,5	29	32,5	6	68	PI14-12-38-N-0-360
	12	G1/2"	18	27	8,5	24	31	39,5	8	115	PI14-12-12-N-0-360

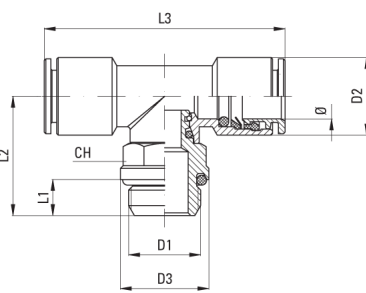
PI19-360 long swivel male elbow - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	G1/8"	9	14,5	5	29	19	13	25,5	PI19-04-18-N-0-360
	6	G1/8"	12	14,5	5	32	21,5	13	31	PI19-06-18-N-0-360
	6	G1/4"	12	18	6,5	35,5	21,5	16	31	PI19-06-14-N-0-360
	8	G1/8"	14	14,5	5	34	22	13	35,5	PI19-08-18-N-0-360
	8	G1/4"	14	18	6,5	37,5	22	16	36	PI19-08-14-N-0-360

PI21C-360 male branch tee swivel - conical thread

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	R1/8"	9	14,5	7,5	20	38	13	21	PI21C-04-18-N-T-360
	4	R1/4"	9	15,5	11	24	38	14	26	PI21C-04-14-N-T-360
	6	R1/8"	12	14,5	7,5	20	43	13	26,5	PI21C-06-18-N-T-360
	6	R1/4"	12	15,5	11	24	43	14	30,5	PI21C-06-14-N-T-360
	8	R1/8"	14	14,5	7,5	20	44	13	31	PI21C-08-18-N-T-360
	8	R1/4"	14	15,5	11	24	44	14	35	PI21C-08-14-N-T-360
	8	R3/8"	14	20	11,5	27	46	18	49	PI21C-08-38-N-T-360
	10	R1/4"	16	20	11	26,5	50	18	50	PI21C-10-14-N-T-360
	10	R3/8"	16	20	11,5	27	50	18	52	PI21C-10-38-N-T-360
	12	R3/8"	18	22,5	11,5	30,5	56	20	80	PI21C-12-38-N-T-360
	12	R1/2"	18	24,5	14	33,5	56	22	84	PI21C-12-12-N-T-360

PI21-360 male branch tee swivel - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	CH	weight [g]	type
	4	G1/8"	9	14,5	5	18	38	13	20	PI21-04-18-N-0-360
	4	G1/4"	9	16	6,5	21,5	38	13	24	PI21-04-14-N-0-360
	6	G1/8"	12	14,5	5	18	43	13	26	PI21-06-18-N-0-360
	6	G1/4"	12	16	6,5	21,5	43	13	29	PI21-06-14-N-0-360
	8	G1/8"	14	14,5	5	18	44	13	30	PI21-08-18-N-0-360
	8	G1/4"	14	16	6,5	21,5	44	13	34	PI21-08-14-N-0-360
	8	G3/8"	14	20	7	25,5	46	16	46	PI21-08-38-N-0-360
	10	G1/4"	16	16	6,5	22	50	16	45	PI21-10-14-N-0-360
	10	G3/8"	16	20	7	25,5	50	16	50	PI21-10-38-N-0-360
	12	G3/8"	18	20	7	26	56	20	75	PI21-12-38-N-0-360
	12	G1/2"	18	25	8,5	30,5	56	20	83	PI21-12-12-N-0-360

PI22-360 male branch tee swivel - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	weight [g]	type
	4	M5x0,8	9	10	4	11	36	19	3	13,5	PI22-04-M5-N-0-360
	4	G1/8"	9	14	5	15	39	25,5	4	27,5	PI22-04-18-N-0-360
	6	M5x0,8	12	10	4	11	41	19	3	20	PI22-06-M5-N-0-360
	6	G1/8"	12	14	5	15	44	25,5	4	32	PI22-06-18-N-0-360
	6	G1/4"	12	18	6,5	17,5	47	29	5	46	PI22-06-14-N-0-360
	8	G1/8"	14	14	5	15	45	25,5	4	34	PI22-08-18-N-0-360
	8	G1/4"	14	18	6,5	17,5	48	29	5	47	PI22-08-14-N-0-360
	10	G1/4"	16	18	6,5	17,5	53	29	5	55	PI22-10-14-N-0-360
	10	G3/8"	16	22	7	19,5	56	32,5	6	72,5	PI22-10-38-N-0-360
	12	G3/8"	18	22	7	19,5	58	32,5	6	78,5	PI22-12-38-N-0-360
	12	G1/2"	18	27	8,5	24	62	39,5	8	125	PI22-12-12-N-0-360

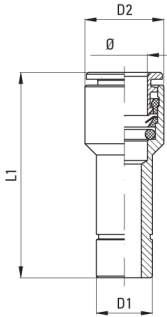
PI24C-360 male run tee swivel - conical thread

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	weight [g]	type
	4	R1/8"	9	14,5	7,5	19,5	19	39	13	22	PI24C-04-18-N-T-360
	4	R1/4"	9	15,5	11	24	19	43	14	25,5	PI24C-04-14-N-T-360
	6	R1/8"	12	14,5	7,5	20	21,5	41,5	13	27,5	PI24C-06-18-N-T-360
	6	R1/4"	12	15,5	11	24	21,5	45,5	14	31	PI24C-06-14-N-T-360
	8	R1/8"	14	14,5	7,5	20	22	42	13	32	PI24C-08-18-N-T-360
	8	R1/4"	14	15,5	11	24	22	46	14	35	PI24C-08-14-N-T-360
	10	R1/4"	16	20	11	26,5	25	51,5	18	50	PI24C-10-14-N-T-360
	10	R3/8"	16	20	11,5	27	25	52	18	51	PI24C-10-38-N-T-360
	12	R3/8"	18	22,5	11,5	30,5	28	58,5	20	75	PI24C-12-38-N-T-360
	12	R1/2"	18	24,5	14	33,5	28	61,5	22	83,5	PI24C-12-12-N-T-360

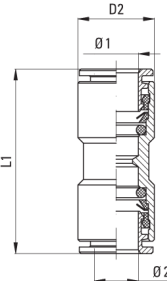
PI24-360 male run tee swivel - cylindrical thread

	Ø	D1	D2	D3	L1	L2	L3	L4	CH	weight [g]	type
	4	G1/8"	9	14,5	5	18	19	37	13	20,5	PI24-04-18-N-0-360
	4	G1/4"	9	16	6,5	21,5	19	40,5	13	24	PI24-04-14-N-0-360
	6	G1/8"	12	14,5	5	18	21,5	39,5	13	26	PI24-06-18-N-0-360
	6	G1/4"	12	16	6,5	21,5	21,5	43	13	29,5	PI24-06-14-N-0-360
	8	G1/8"	14	14,5	5	18	22	40	13	30	PI24-08-18-N-0-360
	8	G1/4"	14	16	6,5	21,5	22	43,5	13	34	PI24-08-14-N-0-360
	10	G1/4"	16	16	6,5	22	25	47	16	44	PI24-10-14-N-0-360
	10	G3/8"	16	20	7	25,5	25	50,5	16	49	PI24-10-38-N-0-360
	12	G3/8"	18	20	7	26	28	54	20	70	PI24-12-38-N-0-360
	12	G1/2"	18	25	8,5	30,5	28	58,5	20	78	PI24-12-12-N-0-360

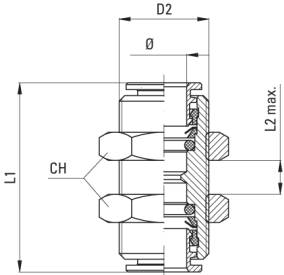
PI12 reduction

	Ø	D1	D2	L1	weight [g]	type
	3	4	6,5	27	2,5	PI12-03-04-N
	4	6	9	31	7	PI12-04-06-N
	4	8	9	31	10	PI12-04-08-N
	4	10	9	31	15,5	PI12-04-10-N
	4	12	9	32	25	PI12-04-12-N
	6	4	12	35	10	PI12-06-04-N
	6	8	12	33	11,5	PI12-06-08-N
	6	10	12	34	16	PI12-06-10-N
	6	12	12	35	22	PI12-06-12-N
	8	6	14	37	13,5	PI12-08-06-N
	8	10	14	35	15	PI12-08-10-N
	8	12	14	36	23	PI12-08-12-N
	10	12	16	39	29	PI12-10-12-N
	10	14	16	41	20	PI12-10-14-N
	12	14	18	41	24	PI12-12-14-N

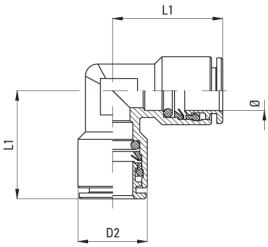
PI13 straight connector

	Ø D1	Ø D2	D2	L1	weight [g]	type
	3	3	6,5	22	3	PI13-03-00-N
	4	4	9	27	6,5	PI13-04-00-N
	6	6	12	32,5	14,5	PI13-06-00-N
	6	4	12	30	15	PI13-06-04-N
	8	8	14	33	18	PI13-08-00-N
	8	6	14	33	21	PI13-08-06-N
	10	10	16	37,5	22,5	PI13-10-00-N
	10	8	16	35,5	25	PI13-10-08-N
	12	12	18	39,5	36	PI13-12-00-N
	14	14	22	44,5	48	PI13-14-00-N

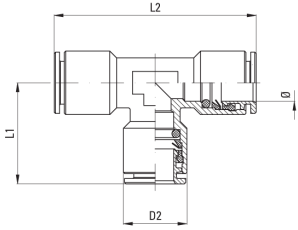
PI27 bulkhead fitting

	Ø	D2	L1	L2 max	CH	weight [g]	type
	3	M10x1	22	8	14	14,5	PI27-03-N
	4	M12x1	27	11	16	24	PI27-04-N
	6	M14x1	32,5	16	18	34	PI27-06-N
	8	M16x1	33	17	20	40	PI27-08-N
	10	M18x1	37,5	19	22	51	PI27-10-N
	12	M20x1	39,5	20	24	60	PI27-12-N

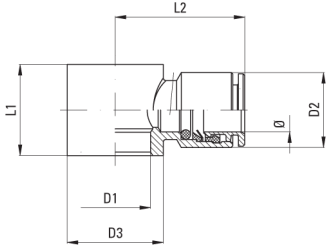
PI17 elbow connector

	Ø	D2	L1	weight [g]	type
	3	7	13	4,5	PI17-03-N
	4	9	16,5	9	PI17-04-N
	6	12	19,5	16,5	PI17-06-N
	8	14	20,5	23	PI17-08-N
	10	16	24	29	PI17-10-N
	12	18	26	48	PI17-12-N
	14	22	30	60	PI17-14-N

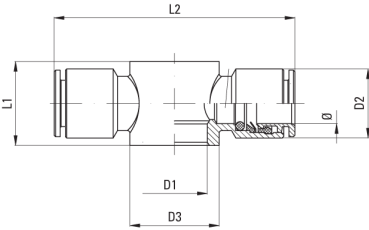
PI29 T-connector

	Ø	D2	L1	L2	weight [g]	type
	3	7	13	26	6	PI29-03-N
	4	9	16,5	33	12,5	PI29-04-N
	6	12	19,5	39	22	PI29-06-N
	8	14	20,5	41	28	PI29-08-N
	10	16	24	48	38	PI29-10-N
	12	18	26	52	62	PI29-12-N
	14	22	30	60	78	PI29-14-N

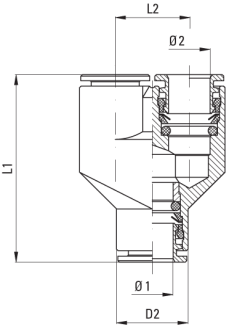
PI35 banjo

	Ø	D1	D2	D3	L1	L2	weight [g]	type
	4	M5	9	10	10	18,5	8	PI35-04-M5-N
	4	M5	9	10	10	18,5	7	PI35-04-M5-N-M*
	4	G1/8"	9	14	15	20,5	13,5	PI35-04-18-N
	6	M5	12	10	10	21,5	11	PI35-06-M5-N
	6	M5	12	10	10	20,5	10	PI35-06-M5-N-M*
	6	G1/8"	12	14	15	22	16	PI35-06-18-N
	6	G1/4"	12	18	17	23,5	22	PI35-06-14-N
	8	G1/8"	14	14	15	22,5	17	PI35-08-18-N
	8	G1/4"	14	18	17	24	23	PI35-08-14-N
	8	G3/8"	14	22	20	26	38	PI35-08-38-N
	10	G1/4"	16	18	17	26,5	27	PI35-10-14-N
	10	G3/8"	16	22	20	28	39	PI35-10-38-N
	12	G3/8"	18	22	20	29	39	PI35-12-38-N
	12	G1/2"	18	27	24	31	57	PI35-12-12-N
*for banjo flow control valve and unidirectional banjo flow control valve								

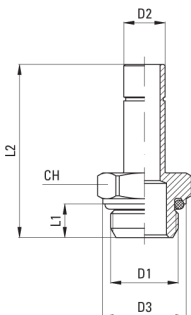
PI36 double banjo

	Ø	D1	D2	D3	L1	L2	weight [g]	type
	4	M5	9	10	10	36	11	PI36-04-M5-N
	4	G1/8"	9	14	15	39	18,5	PI36-04-18-N
	6	G1/8"	12	14	15	44	23	PI36-06-18-N
	6	G1/4"	12	18	17	47	29	PI36-06-14-N
	8	G1/8"	14	14	15	45	25	PI36-08-18-N
	8	G1/4"	14	18	17	48	30	PI36-08-14-N
	8	G3/8"	14	22	20	52	43	PI36-08-38-N
	10	G1/4"	16	18	17	53	37,5	PI36-10-14-N
	10	G3/8"	16	22	20	56	45	PI36-10-38-N
	12	G3/8"	18	22	20	58	52	PI36-12-38-N
	12	G1/2"	18	27	24	62	67	PI36-12-12-N

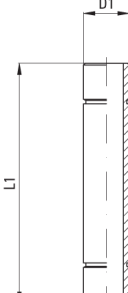
PI23 Y-connector

	Ø1	Ø2	D2	L1	L2	weight [g]	type
	4	4	9	29,5	9,5	13,5	PI23-04-N
	6	6	12	36	12,5	32	PI23-06-N
	6	4	12	36	12,5	36	PI23-04-06-N
	8	8	14	36,5	14,5	43	PI23-08-N
	8	6	14	36,5	14,5	51	PI23-06-08-N
	10	10	16	44,5	16,5	62,7	PI23-10-N
	10	8	16	44,5	16,5	75	PI23-08-10-N
	12	12	19	49	19,5	95,8	PI23-12-N

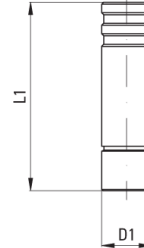
PI38 screw thread plug nipple

	Ø D2 [mm]	D1	D3	L1	L2	CH	weight [g]	type
	4	M5x0,8	10	4	24	9	3	PI38-04-M5-N-0
	4	G1/8"	14,5	5	26	13	7	PI38-04-18-N-0
	6	M5x0,8	10	4	26	9	6	PI38-06-M5-N-0
	6	G1/8"	14,5	5	28	13	8,5	PI38-06-18-N-0
	6	G1/4"	16	6,5	30,5	16	14	PI38-06-14-N-0
	8	G1/8"	14,5	5	29	13	9	PI38-08-18-N-0
	8	G1/4"	16	6,5	31,5	16	15	PI38-08-14-N-0
	10	G1/4"	16	6,5	32,5	16	15	PI38-10-14-N-0
	10	G3/8"	20	7	33	20	22	PI38-10-38-N-0
	12	G3/8"	20	7	35	20	23	PI38-12-38-N-0
	12	G1/2"	25	8,5	37	26	33	PI38-12-12-N-0

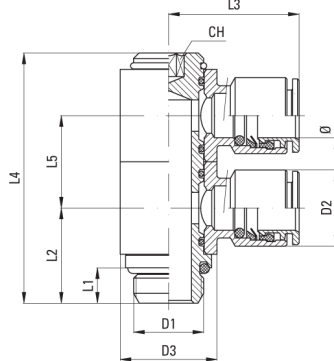
PI38 connection pin

	D1	L1	weight [g]	type
	4	30	2,8	PI38-04-N
	6	35	5,5	PI38-06-N
	8	35	7,5	PI38-08-N
	10	40	10	PI38-10-N
	12	42	14	PI38-12-N
	14	46	19	PI38-12-N

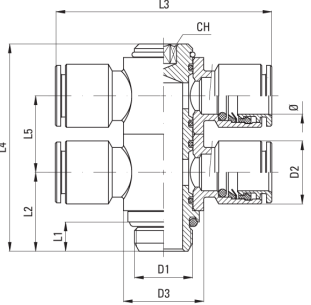
PI40 plug pin

	D1	L1	weight [g]	type
	3	20	1	PI40-03-N
	4	25	2,5	PI40-04-N
	6	30	5,5	PI40-06-N
	8	30	12,5	PI40-08-N
	10	35	22,5	PI40-10-N
	12	38	37,5	PI40-12-N
	14	40	32,5	PI40-14-N

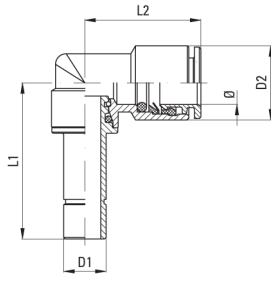
PI11-360 swivel female elbow - with 2 L-banjo

	Ø	D1	D2	D3	L1	L2	L3	L4	L5	CH	weight [g]	type
	4	M5x0,8	9	10	4	11	18	29	10	3	19	PI11-04-M5-N-0-360
	4	G1/8"	9	14	5	15	19,5	40,5	15	4	40	PI11-04-18-N-0-360
	6	G1/8"	12	14	5	15	22	40,5	15	4	45	PI11-06-18-N-0-360
	6	G1/4"	12	18	6,5	17,5	23,5	46	17	5	69	PI11-06-14-N-0-360
	8	G1/8"	14	14	5	15	22,5	40,5	15	4	47	PI11-08-18-N-0-360
	8	G1/4"	14	18	6,5	17,5	24	46	17	5	70	PI11-08-14-N-0-360

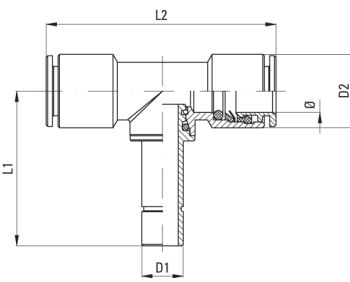
PI15-360 male branch tee swivel - with 2 double banjos

	Ø	D1	D2	D3	L1	L2	L3	L4	L5	CH	weight [g]	type
	4	M5x0,8	9	10	4	11	36	29	10	3	25	PI15-04-M5-N-0-360
	4	G1/8"	9	14	5	15	39	40,5	15	4	50	PI15-04-18-N-0-360
	6	G1/8"	12	14	5	15	44	40,5	15	4	59	PI15-06-18-N-0-360
	6	G1/4"	12	18	6,5	17,5	47	46	17	5	83	PI15-06-14-N-0-360
	8	G1/8"	14	14	5	15	45	40,5	15	4	61	PI15-08-18-N-0-360
	8	G1/4"	14	18	6,5	17,5	48	46	17	5	85	PI15-08-14-N-0-360

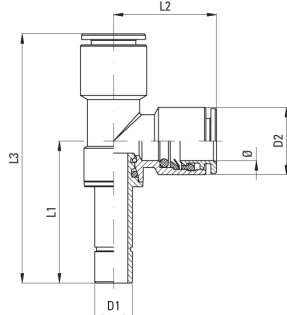
PI16 male stud elbow with plug

	Ø	L1	L2	D1	D2	weight [g]	type
	4	25,5	19	4	9	14	PI16-04-N
	4	25,5	19	6	9	15	PI16-04-06-N
	6	25,5	21,5	4	12	16	PI16-06-04-N
	6	29,5	21,5	6	12	17	PI16-06-N
	6	29,5	21,5	8	12	17,5	PI16-06-08-N
	8	29,5	22	6	14	21	PI16-08-06-N
	8	29,5	22	8	14	21	PI16-08-N
	10	33,5	25	10	16	30,5	PI16-10-N

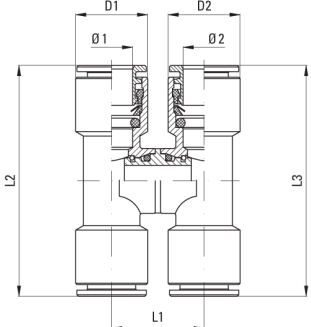
PI21 union tee with plug

	Ø	L1	L2	D1	D2	weight [g]	type
	4	25,5	38	4	9	18,5	PI21-04-N
	4	29,5	38	6	9	19,5	PI21-04-06-04-N
	6	29,5	43	6	12	24,5	PI21-06-N
	6	29,5	43	8	12	24,5	PI21-06-08-06-N
	8	29,5	44	8	14	29	PI21-08-N
	8	33,5	44	10	14	38,5	PI21-08-10-08-N
	10	33,5	50	10	16	41	PI21-10-N

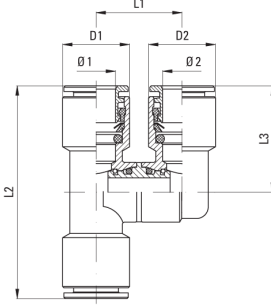
PI24 L-swivel union with plug

	Ø	L1	L2	L3	D1	D2	weight [g]	type
	4	25,5	19	44,5	4	9	19	PI24-04-N
	4	29,5	19	48,5	6	9	20	PI24-04-06-04-N
	6	29,5	21,5	51	6	12	25	PI24-06-N
	6	29,5	21,5	51	8	12	25,5	PI24-06-08-06-N
	8	29,5	22	51,5	8	14	30	PI24-08-N
	10	33,5	25	58,5	10	16	41,5	PI24-10-N

PI20 -360 swivel union X

	Ø1	Ø2	L1	L2	L3	D1	D2	weight [g]	type
	4	4	18	38	38	9	9	31	PI20-04-N-360
	4	6	18	38	43	9	12	36	PI20-04-06-N-360
	6	6	18	43	43	12	12	41	PI20-06-N-360
	6	8	18	43	44	12	14	46,5	PI20-06-08-N-360
	8	8	18	44	44	14	14	51	PI20-08-N-360

PI23-360 swivel union "Y"

	Ø1	Ø2	L1	L2	L3	D1	D2	weight [g]	type
	4	4	18	38	19	9	9	27	PI23-04-N-360
	4	6	18	38	21,5	9	12	29,5	PI23-04-06-N-360
	6	6	18	43	21,5	12	12	34,5	PI23-06-N-360
	6	8	18	43	22	12	14	37,5	PI23-06-08-N-360
	8	8	18	44	22	14	14	42	PI23-08--N-360

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