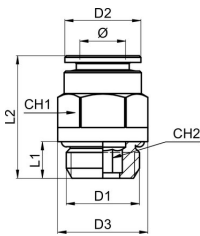


Push-in fittings "Push-In" - NSF51/FDA Series PIF



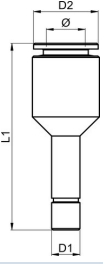
Design type	Push-in fitting with O-ring and retaining collet for connecting plastic tubing
Connection	G1/8"...G1/2" according to ISO 228/1, M5 according to ISO R/262
Tube outside diameter	4mm...12mm
Materials	Body Chemically nickel-plated brass according to NSF51, Collet Stainless steel 1.4310, Seals FKM-FDA (Certificate 3170-FPM70)
recommended Tube materials	Polyamide (PA), Polyurethane (PU/CP), 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...150°C
Operating pressure	-0,99...20bar, depending on the maximum pressure of the pipe used
Approvals	MOCA / Food contact according to 1935/2004/EC, 2023/2006/EC, 10/2011/EU
Application	Food industry, Beverage systems, Chemical industry, Pneumatics

PIF12 Straight Male stud fitting - Thread cylindrical

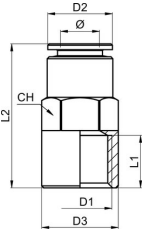
	Ø	D1	D2	D3	L1	L2	CH1	CH2	Weight [g]	Type
	4	M5x0,8	9	8	4	19	-	2,5	4	PIF12-04-M5-N-0
	4	G1/8"	9	13	5	16,5	9	3	6	PIF12-04-18-N-0
	4	G1/4"	9	16	6,5	18,5	9	3	12	PIF12-04-14-N-0
	6	M5x0,8	12	8	4	22,2	-	2,5	8,5	PIF12-06-M5-N-0
	6	G1/8"	11,9	13,5	5	19,5	12	4	9	PIF12-06-18-N-0
	6	G1/4"	11,9	16	6,5	19,5	12	4	12,5	PIF12-06-14-N-0
	8	G1/8"	13,9	14,5	5	23,5	13	6	11	PIF12-08-18-N-0
	8	G1/4"	13,9	16	6,5	21,5	14	6	14	PIF12-08-14-N-0
	8	G3/8"	13,9	20	7	21	14	6	20	PIF12-08-38-N-0
	10	G1/4"	15,9	16	6,5	27,5	15	8	18	PIF12-10-14-N-0
	10	G3/8"	15,9	20	7	25	16	8	23	PIF12-10-38-N-0
	10	G1/2"	15,9	25	8,5	25,5	16	8	34,5	PIF12-10-12-N-0
	12	G1/4"	18,9	21	6,5	28,5	19	8	22	PIF12-12-14-N-0
	12	G3/8"	18,9	21	7	28,5	19	10	25	PIF12-12-38-N-0
	12	G1/2"	18,9	25	8,5	26,5	19	10	33	PIF12-12-12-N-0



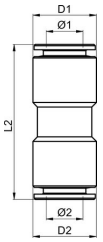
PIF12 Reduction

	Ø	D1	D2	L1	Weight [g]	Type
	4	6	9	33,5	7	PIF12-04-06-N
	6	8	12	35	11,5	PIF12-06-08-N
	8	10	14	37	15	PIF12-08-10-N
	10	12	16	42	20	PIF12-10-12-N

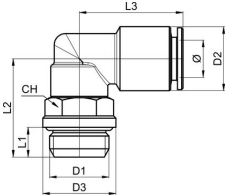
PIF13 Straight Male stud coupling

	Ø	D1	D2	D3	L1	L2	CH	Weight [g]	Type
	4	G1/8"	9	13	7	23,5	9	10	PIF13-04-18-N
	6	G1/8"	11,9	14	7	26	12	15	PIF13-06-18-N
	6	G1/4"	11,9	16	10	30	12	19	PIF13-06-14-N
	8	G1/8"	13,7	16,2	7	26	14	18	PIF13-08-18-N
	8	G1/4"	13,9	16	10	30	14	22	PIF13-08-14-N
	10	G1/4"	15,9	18,5	10	32	16	24,4	PIF13-10-14-N

PIF13 Straight connector

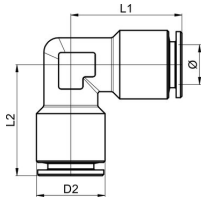
	Ø 1	Ø 2	D2	L1	Weight [g]	Type
	4	4	9	28	6,5	PIF13-04-N
	6	6	12	33,6	14,6	PIF13-06-N
	6	4	12	31	14,7	PIF13-06-04-N
	8	8	14	34	17,5	PIF13-08-N
	8	6	14	34	21	PIF13-08-06-N
	10	10	16	38,6	22,5	PIF13-10-N
	10	8	16	36,5	25,2	PIF13-10-08-N
	12	12	19	41	25,5	PIF13-12-N

PIF16-360 Swivel elbow male stud fitting - Thread cylindrical

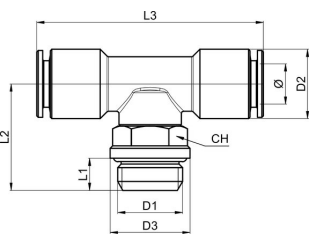
	Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
	4	M5x0,8	9,1	10	4	14	17,5	9	8,5	PIF16-04-M5-N-0-360
	4	G1/8"	9,1	14,5	5	18,2	19,5	13	16	PIF16-04-18-N-0-360
	4	G1/4"	9,1	16	6,5	21,7	19,5	13	19,5	PIF16-04-14-N-0-360
	6	M5x0,8	12	10	4	14	20,5	9	12	PIF16-06-M5-N-0-360
	6	G1/8"	12	14,5	5	18,2	22	13	19	PIF16-06-18-N-0-360
	6	G1/4"	12	16	6,5	21,7	22	13	22	PIF16-06-14-N-0-360
	8	G1/8"	14	14,5	5	18	22,5	13	22	PIF16-08-18-N-0-360
	8	G1/4"	14	16	6,5	21,5	22,5	13	24	PIF16-08-14-N-0-360
	8	G3/8"	14	20	7	25,5	23	16	36,5	PIF16-08-38-N-0-360
	10	G1/4"	16	18	6,5	22	26	16	33	PIF16-10-14-N-0-360
	10	G3/8"	16	20	7	25,5	26	16	38	PIF16-10-38-N-0-360
	10	G1/2"	16	25	8,5	27,5	26	16	43,2	PIF16-10-12-N-0-360
	12	G1/4"	19	22,5	6,5	25,5	28,5	20	56,4	PIF16-12-14-N-0-360
	12	G3/8"	19	22,5	7	26	28,5	20	55,5	PIF16-12-38-N-0-360
	12	G1/2"	19	25	8,5	30,5	28,5	20	63	PIF16-12-12-N-0-360



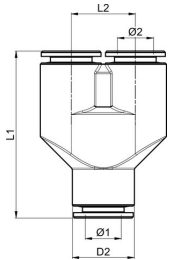
PIF17 Elbow connector

	Ø	D2	L1	Weight [g]	Type
	4	9	17,5	8,5	PIF17-04-N
	6	12	20,5	16,5	PIF17-06-N
	8	14	22,5	22,5	PIF17-08-N
	10	16	25	28,5	PIF17-10-N
	12	19	26,5	43,5	PIF17-12-N

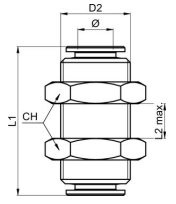
PIF21-360 Swivel T screw-in fitting - Thread cylindrical

	Ø	D1	D2	D3	L1	L2	L3	CH	Weight [g]	Type
	4	G1/8"	9,1	14,5	5	18,2	39	13	20,7	PIF21-04-18-N-0-360
	4	G1/4"	9,1	16	6,5	21,7	39	13	23,9	PIF21-04-14-N-0-360
	6	G1/8"	12	14,5	5	18	44	13	25,2	PIF21-06-18-N-0-360
	6	G1/4"	12	16	6,5	21,5	44	13	30	PIF21-06-14-N-0-360
	8	G1/8"	14	14,5	5	18	45	13	30,7	PIF21-08-18-N-0-360
	8	G1/4"	14	16	6,5	21,5	45	13	34,1	PIF21-08-14-N-0-360
	8	G3/8"	14	20	7	25,5	46	16	46,7	PIF21-08-38-N-0-360
	10	G1/4"	16	18	6,5	22	52	16	44,4	PIF21-10-14-N-0-360
	10	G3/8"	16	20	7	25,5	52	16	50,1	PIF21-10-38-N-0-360
	12	G3/8"	19	22,5	7	26	57	20	75,	PIF21-12-38-N-0-360
	12	G1/2"	19	25	8,5	30,5	57	20	84,2	PIF21-12-12-N-0-360

PIF23 Y-connector

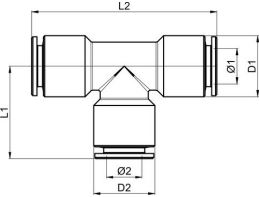
	Ø1	Ø2	D2	L1	L2	Weight [g]	Type
	4	4	9	29,5	9,5	13,5	PIF23-04-N
	6	6	12	36,5	12,5	32	PIF23-06-N
	8	8	14	37,5	14,5	42,5	PIF23-08-N
	10	10	16	44,5	16,5	62,7	PIF23-10-N
	12	12	19	49	19,5	95,8	PIF23-12-N

PIF27 Bulkhead fitting

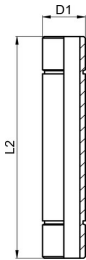
	Ø	D2	L1	L2 max	CH	Weight [g]	Type
	4	M12x1	28	11	16	24	PIF27-04-N
	6	M14x1	34	16	18	34,5	PIF27-06-N
	8	M16x1	34	16	20	40	PIF27-08-N
	10	M18x1	39	19	22	51	PIF27-10-N
	12	M20x1	41	20	24	59,5	PIF27-12-N



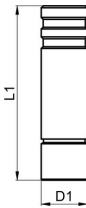
PIF29 T-connector

	Ø	D2	L1	L2	Weight [g]	Type
	4	9	17,5	35	11	PIF29-04-N
	6	12	20	40	22	PIF29-06-N
	8	14	21	42	28	PIF29-08-N
	10	16	24,5	49	37,5	PIF29-10-N
	12	19	26	52	53	PIF29-12-N

PIF38 Connecting pin

	D1	L1	Weight [g]	Type
	4	35	2,8	PIF38-04-N
	6	40	5,5	PIF38-06-N
	8	42	7,5	PIF38-08-N
	10	50	11	PIF38-10-N
	12	53	14	PIF38-12-N
	14	54	18,5	PIF38-12-N

PIF40 Sealing pin

	D1	L1	Weight [g]	Type
	4	25	2,5	PIF40-04-N
	6	25	5,5	PIF40-06-N
	8	30	12,5	PIF40-08-N
	10	35	23	PIF40-10-N
	12	40	37,5	PIF40-12-N

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Fittings and couplings / Other materials - P05 / Push-in fittings FDA-Conform

