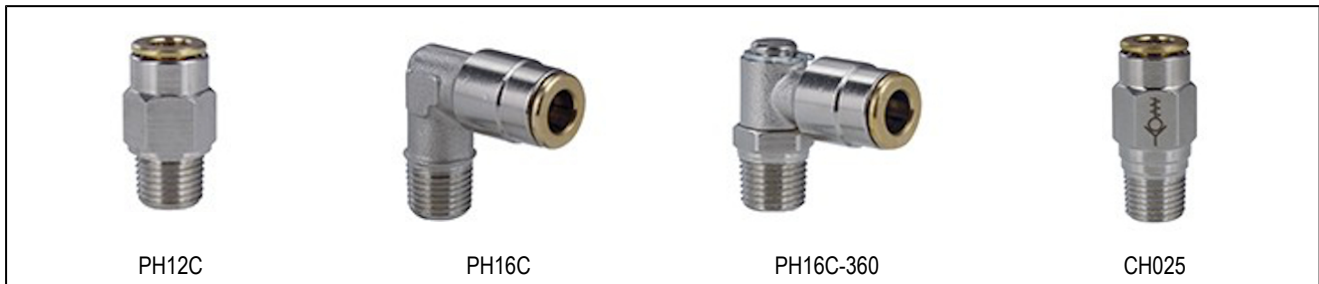
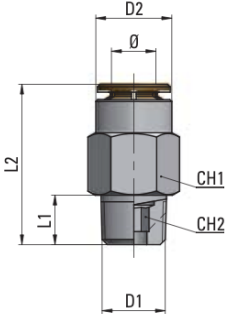


high pressure-push-in fittings and check valve "Push-In" series PH

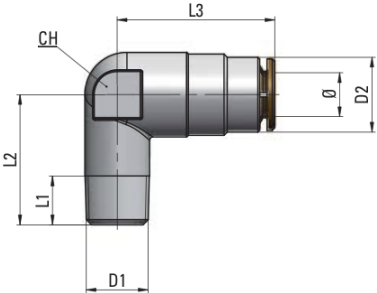


design	high pressure push-in fitting with O-ring and gripping collet for connecting high-pressure hoses
connection	R1/8"...R1/4" according to ISO7/1, M6x0,75 (cylindrical thread) or M6x1...M10x1 acc. UNI 7707
outside diameter of hose	4...6mm
hose materials	polyamide, metal pipes on request
pipe tolerances	± 0,07mm
materials	body brass CW617N nickel-plated, gripping collet brass CW614N, seal NBR, circlip zinc plated steel check valve: body brass CW617N nickel-plated, gripping collet brass CW614N, seal NBR, spring stainless steel AISI 301, ball stainless steel AISI 420
application	centralized lubrication systems
medium temperature	-20...+80°C
operating pressure	PH12, PH16C and PH16-360: max. 250bar, CH025: 40...150bar, (opening pressure 3bar) depending on the maximum pressure of the piping used

PH12 straight male stud fitting

	Ø	D1	D2	L1	L2	CH1	CH2	weight [g]	type
	4	R1/8"	9,5	7,5	21	10	3	8,5	PH12C-04-18-N
4	M6x0,75	9,5	6	23	10	2,5	8,8	PH12-04-M6X0,75-N	
4	M6x1	9,5	8	25	10	2,5	8,4	PH12C-04-M6X1-N	
4	M8x1	9,5	8	22,5	10	3	7,8	PH12C-04-M8X1-N	
4	M10x1	9,5	8	21	11	3	9,5	PH12C-04-M10X1-N	
6	R1/8"	11,5	7,5	24	12	4	11,5	PH12C-06-18-N	
6	R1/4"	11,5	11	26	14	4	19,1	PH12C-06-14-N	
6	M6x1	11,5	8	28	12	2,5	12,8	PH12C-06-M6X1-N	
6	M8x1	11,5	8	28	12	4	13,2	PH12C-06-M8X1-N	
6	M10x1	11,5	8	24,5	12	4	12	PH12C-06-M10X1-N	

PH16C male elbow

	Ø	D1	D2	L1	L2	L3	CH	weight [g]	type
	4	R1/8"	9,5	7,5	17	21,5	10	15,8	PH16C-04-18-N
4	M6x1	9,5	8	17	21,5	10	13,9	PH16C-04-M6X1-N	
4	M8x1	9,5	8	17	21,5	10	14,2	PH16C-04-M8X1-N	
4	M10x1	9,5	8	18	21,5	10	16,9	PH16C-04-M10X1-N	
6	R1/8"	11,5	7,5	20	24	14	25,1	PH16C-06-18-N	
6	M6x1	11,5	6	20	24	14	24,2	PH16C-06-M6X1-N	
6	M8x1	11,5	8	20	24	14	23,5	PH16C-06-M8X1-N	
6	M10x1	11,5	8	21	24	14	27	PH16C-06-M10X1-N	

PH16-360 swivel male elbow

Ø	D1	D2	L1	L2	L3	CH	weight [g]	type
4	R1/8"	9,5	8,5	24,5	22	11	18,5	PH16C-04-18-N-360
4	M6x0,75	9,5	6	22	22	11	16,8	PH16-04-M6X0,75-N-360
4	M6x1	9,5	8	24	22	11	16,9	PH16C-04-M6X1-N-360
4	M8x1	9,5	8	24	22	11	17,4	PH16C-04-M8X1-N-360
4	M10x1	9,5	8	25	22	11	18,9	PH16C-04-M10X1-N-360
6	R1/8"	11,5	8,5	24,5	24	11	19,8	PH16C-06-18-N-360
6	R1/4"	11,5	11	28	24	14	25,5	PH16C-18-06-14-N-360
6	M6x1	11,5	8	24	24	11	18,6	PH16C-06-M6X1-N-360
6	M8x1	11,5	8	24	24	11	19,4	PH16C-06-M8X1-N-360
6	M10x1	11,5	8	25	24	11	20,6	PH16C-06-M10X1-N-360

CH025 check valve for 150bar

Ø	D1	D2	L1	L2	CH	weight [g]	type
6	R1/8"	11,5	7,5	29,5	12	-	CH025-P06-18
6	M10x1	11,5	6	29,5	12	15,9	CH025-P06-M10X1

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice