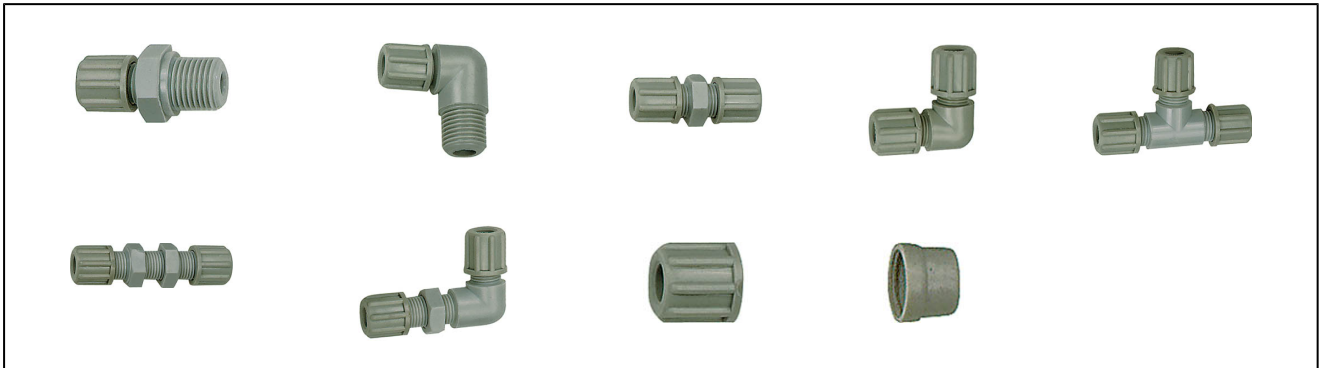


compression fittings - PVDF series CF

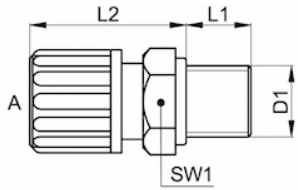


design	compression fitting with swivel nut and locking ring
connection	G1/8"...G1/2" according to ISO228/1
outside diameter of hose	6...12mm
materials	body, locking ring and nut PVDF
suggested hose materials	polyamide (PA), polyamide high flexible (PF), polyethylene (PE), polyurethane (PU/CP), not suitable for PTFE
medium	gases and liquids that do not affect the used materials.
medium temperature	-40...140°C
max. operating pressure	10bar, pressure reduction factors see table

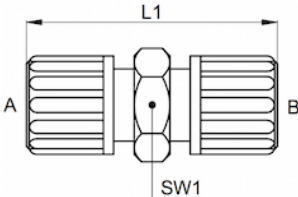
pressure reduction factors

temperature range	-40...-20°C	-20...+20°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90...+100°C	+110°C	+120...+130°C	140°C
operating pressure in % of maximum value	75%	100%	80%	70%	60%	50%	45%	40%	35%	30%	25%	10%

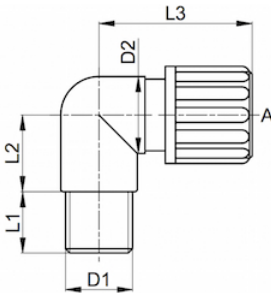
straight male stud fitting - cylindrical thread

	diameter of hose A [mm]	D1	L1	L2	SW1	type
	6/4	G1/8"	8	23,5	14	CF12-06-18-F
	6/4	G1/4"	12	25	17	CF12-06-14-F
	6/4	G3/8"	12	26,5	22	CF12-06-38-F
	6/4	G1/2"	14	29	27	CF12-06-12-F
	8/6	G1/8"	8	28,5	17	CF12-08-18-F
	8/6	G1/4"	12	29	17	CF12-08-14-F
	8/6	G3/8"	12	30,5	22	CF12-08-38-F
	8/6	G1/2"	14	33	27	CF12-08-12-F
	10/8	G1/8"	8	32,5	19	CF12-10-18-F
	10/8	G1/4"	12	33	19	CF12-10-14-F
	10/8	G3/8"	12	33,5	22	CF12-10-38-F
	10/8	G1/2"	14	36	27	CF12-10-12-F

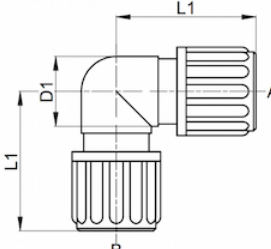
straight connector

	diameter of hose A/B [mm]	L1	SW1	type
	6/4	39	14	CF13-06-F
	8/6	49	19	CF13-08-F
	10/8	55	22	CF13-10-F

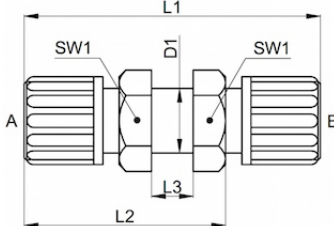
male elbow - cylindrical thread

	diameter of hose A [mm]	D1	ØD2	L1	L2	L3	type
	6/4	G1/8"	13	8	12	25	CF16-06-18-F
	6/4	G1/4"	15	12	13	26	CF16-06-14-F
	6/4	G3/8"	20	12	15	29	CF16-06-38-F
	6/4	G1/2"	25	14	15	32	CF16-06-12-F
	8/6	G1/8"	15	8	15	30	CF16-08-18-F
	8/6	G1/4"	15	12	15	30	CF16-08-14-F
	8/6	G3/8"	20	12	15	33	CF16-08-38-F
	8/6	G1/2"	25	14	15	36	CF16-08-12-F
	10/8	G1/8"	20	8	17	36	CF16-10-18-F
	10/8	G1/4"	20	12	17	36	CF16-10-14-F
	10/8	G3/8"	20	12	17	36	CF16-10-38-F
	10/8	G1/2"	25	14	17	39	CF16-10-12-F

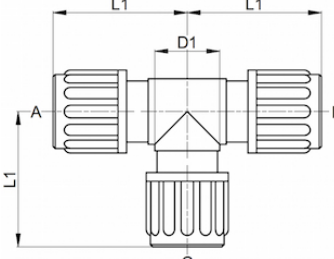
elbow connector

	diameter of hose A/B [mm]	ØD1	L1	type
	6/4	13	25	CF17-06-F
	8/6	15	30	CF17-08-F
	10/8	20	36	CF17-10-F

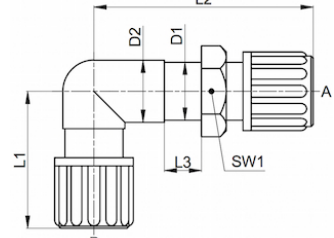
straight bulkhead connector

	diameter of hose A/B [mm]	ØD1	L1	L2	L3	SW1	type
	6/4	10,5	53	36	9	14	CF27-06-F
	8/6	14,5	64	43	9	19	CF27-08-F
	10/8	16,5	73	49	10	22	CF27-10-F

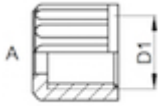
T-connector

	diameter of hose A/B/C [mm]	ØD1	L1	type
	6/4	12	26	CF29-06-F
	8/6	15	31	CF29-08-F
	10/8	20	36	CF29-10-F

bulkhead connection elbow

	diameter of hose A/B [mm]	ØD1	ØD2	L1	L2	L3	SW1	type
	6/4	10,5	13	25	43	9	14	CF48-06-F
	8/6	14,5	20	33	53	9	19	CF48-08-F
	10/8	16,5	20	36	58	10	22	CF48-10-F

swivel nut

	diameter of hose A [mm]	D1	type
	6/4	M10x1	CF33-06-M10X1-F
	8/6	M14x1,5	CF33-08-M14X15-F
	10/8	M16x1,5	CF33-10-M16X15-F

locking ring

	diameter of hose D / d [mm]	type
	6/4	CF46-06-F
	8/6	CF46-08-F
	10/8	CF46-10-F

illustrations are non-binding

all designs, configurations, measurements and materials are subject to change without prior notice