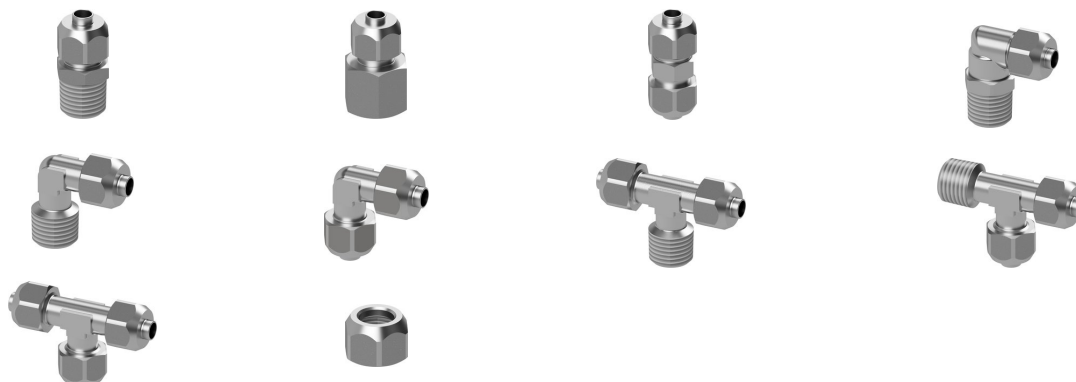
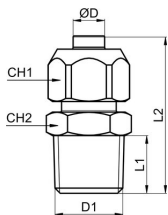


Screw fittings with union nut - Stainless steel Series SC-Z



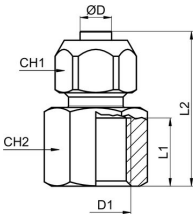
Design type	Screw fitting with union nut
Connection	R1/8" ... R1/2" according to ISO7/1, G1/8" ... G1/2" according to ISO228/1
Tube outside diameter	6...12mm
Material	Stainless steel AISI316L, SC16C-360 additional O-ring FKM
recommended Tube materials	Polyamide (PA), Polyurethane (PU/CP), Polyethylene (PE), PTFE (PT)
Tube tolerances	+/- 0,07mm up to diameter 10mm, +/- 0,1mm from Diameter 12mm
Medium	Gases and liquids that do not chemically attack the materials
Medium temperature	-40...250°C, SC16C-360 -20...180°C
Operating pressure	-1...25bar, SC16C-360 -1...20bar, depending on the maximum pressure of the pipe used
Approvals	certified according to NSF169, Directive 1935/2004/EU
Application	Food industry, Beverage systems, Chemical industry, Pneumatics, for corrosive external influences

SC12C Straight Male stud fitting - Thread tapered

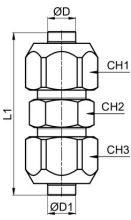
	Tube diameter D / d [mm]	D1	L1	L2	CH1	CH2	Weight [g]	Type
	6/4	R1/8"	7,5	26	12	10	11,6	SC12C-06-18-Z
	6/4	R1/4"	11	29,5	12	14	17,5	SC12C-06-14-Z
	8/6	R1/8"	7,5	26,5	14	13	16,5	SC12C-08-18-Z
	8/6	R1/4"	11	30	14	14	20,3	SC12C-08-14-Z
	10/8	R1/4"	11	32,5	16	14	23,6	SC12C-10-14-Z
	10/8	R3/8"	11,5	33	16	17	29,9	SC12C-10-38-Z
	12/10	R1/4"	11	34	19	17	34,8	SC12C-12-14-Z
	12/10	R3/8"	11,5	34,5	19	17	-	SC12C-12-38-Z
	12/10	R1/2"	14	38	19	22	-	SC12C-12-12-Z



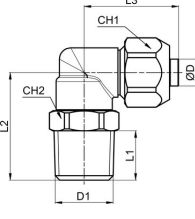
SC13 Straight male stud fitting - Cylindrical thread

	Tube diameter D / d [mm]	D1	L1	L2	CH1	CH2	Weight [g]	Type
	6/4	G1/8"	7	25	12	13	14,6	SC13-06-18-Z
	6/4	G1/4"	10	28,5	12	17	22,8	SC13-06-14-Z
	8/6	G1/8"	7	25,5	14	13	-	SC13-08-18-Z
	8/6	G1/4"	10	29,5	14	17	26,9	SC13-08-14-Z
	8/6	G3/8"	11	31	14	21	-	SC13-08-38-Z
	10/8	G1/4"	10	31,5	16	17	-	SC13-10-14-Z
	10/8	G3/8"	11	33	16	17	40,8	SC13-10-38-Z
	12/10	G3/8"	11	34,5	19	21	-	SC13-12-38-Z
	12/10	G1/2"	11	35	19	24	-	SC13-12-12-Z

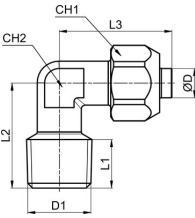
SC13 Straight connector

	Tube diameter D / d [mm]	Tube diameter D1 / d1 [mm]	L1	CH1	CH2	Weight [g]	Type
	6/4	6/4	34	12	10	20	SC13-06-Z
	8/6	8/6	35	14	12	26	SC13-08-Z
	8/6	6/4	34,5	14	12	23,5	SC13-08-06-Z-YA
	10/8	10/8	39	16	14	36	SC13-10-Z
	10/8	8/6	37	16	14	-	SC13-10-08-Z
	12/10	12/10	42	19	16	-	SC13-12-Z
	12/10	10/8	40,5	19	16	-	SC13-12-12-Z

SC16C-360 Swivel male elbow fitting - Tapered thread

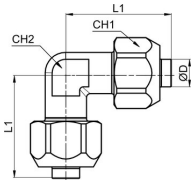
	Tube diameter D / d [mm]	D1	L1	L2	L3	CH1	CH2	Weight [g]	Type
	6/4	R1/8"	7,5	20	21	12	13	-	SC16C-06-18-Z-360
	6/4	R1/4"	11	24	21	12	14	-	SC16C-06-14-Z3-60
	8/6	R1/8"	7,5	20	21	14	13	-	SC16C-08-18-Z-360
	8/6	R1/4"	11	24	21	14	14	-	SC16C-08-14-Z-360
	10/8	R1/4"	11	25,5	24	16	14	-	SC16C-10-14-Z-360
	10/8	R3/8"	11,5	26	24	16	17	-	SC16C-10-38-Z-360

SC16C Male elbow screw-in fitting - Tapered thread

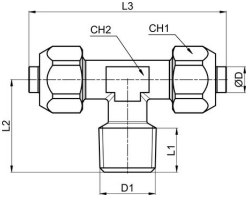
	Tube diameter D / d [mm]	D1	L1	L2	L3	CH1	CH2	Weight [g]	Type
	6/4	R1/8"	6,5	17	23	12	10	17	SC16C-06-18-Z
	6/4	R1/4"	10	21,5	23	12	10	20,5	SC16C-06-14-Z
	8/6	R1/8"	6,5	17	23,5	14	10	18	SC16C-08-18-Z
	8/6	R1/4"	10	21,5	23,5	14	10	22	SC16C-08-14-Z
	10/8	R1/4"	9,5	21,5	26	16	12	30	SC16C-10-14-Z
	10/8	R3/8"	11	24	26	16	12	-	SC16C-10-38-Z
	12/10	R3/8"	12,6	35,5	30,5	19	17	-	SC16C-12-38-Z
	12/10	R1/2"	13,5	30	33	19	19	-	SC16C-12-12-Z



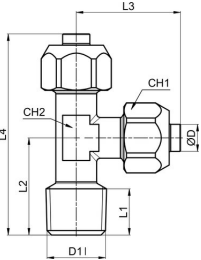
SC17 Elbow connector

	Tube diameter D / d [mm]	L1	CH1	CH2	Weight [g]	Type
	6/4	23	12	10	25	SC17-06-Z
	8/6	23,5	14	10	27	SC17-08-Z
	10/8	26	16	12	33,3	SC17-10-Z
	12/10	30	19	17	-	SC17-12-Z

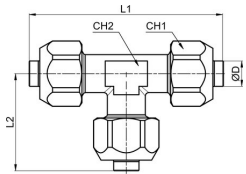
SC21C T male stud coupling - Tapered thread

	Tube diameter D / d [mm]	D1	L1	L2	L3	CH1	CH2	Weight [g]	Type
	6/4	R1/8"	6,5	17	46	12	10	29	SC21C-06-18-Z
	6/4	R1/4"	9,5	21	46	12	10	31,6	SC21C-06-14-Z
	8/6	R1/8"	6,5	17	46	14	10	30,3	SC21C-08-18-Z
	8/6	R1/4"	10	21,5	46	14	10	33,7	SC21C-08-14-Z
	10/8	R1/4"	9,5	21,5	52	16	12	39,7	SC21C-10-14-Z
	10/8	R3/8"	11	24	52	16	12	-	SC21C-10-14-Z
	12/10	R3/8"	12,6	60	52	19	17	-	SC21C-12-14-Z
	12/10	R1/2"	13,9	60	52	19	17	-	SC21C-12-38-Z

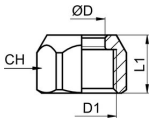
SC24C T male stud coupling - Tapered thread

	Tube diameter D / d [mm]	Connection D1	L1	L2	L3	L4	CH1	CH2	Weight [g]	Type
	6/4	R1/8"	10	17	23	40	12	10	28	SC24C-06-18-Z
	6/4	R1/4"	10	21,5	23	44,5	12	10	31	SC24C-06-14-Z
	8/6	R1/8"	6,5	17	23	40	14	10	30	SC24C-08-18-Z
	8/6	R1/4"	10	21,5	23	44,5	14	10	34	SC24C-08-14-Z
	10/8	R1/4"	9,5	21,5	26	47,5	16	12	39,5	SC24C-10-14-Z
	10/8	R3/8"	11	24	26	50	16	12	-	SC24C-10-38-Z
	12/10	R3/8"	12,6	25,5	30	55,5	19	17	-	SC24C-12-38-Z
	12/10	R1/2"	14	28	30	58	19	17	-	SC24C-12-12-Z

SC29 T-connector

	Tube diameter D / d [mm]	L1	L2	CH1	CH2	Weight [g]	Type
	6/4	46	23	12	10	36,4	SC29-06-Z
	8/6	46	23	14	10	39	SC29-08-Z
	10/8	52	26	16	12	47,6	SC29-10-Z
	12/10	60	30	19	17	-	SC29-12-Z

SC33 Union nut

	Tube diameter D / d [mm]	D1	L1	CH1	Weight [g]	Type
	6/4	M10x1	10	12	4,4	SC33-06-M10X1-Z
	8/6	M12x1	10	14	5,5	SC33-08-M12X1-Z
	10/8	M14x1	11	16	7	SC33-10-M14X1-Z
	12/10	M16x1	12	19	-	SC33-12-M16X1-Z



