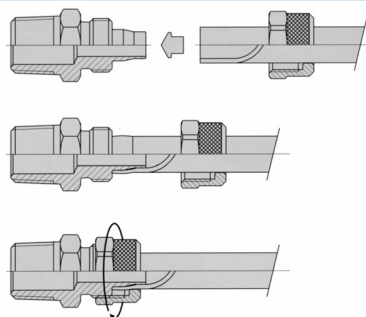


Schraubverschraubungen - Messing vernickelt Serie SC



Bauart	Schraubverschraubung mit Überwurfmutter
Anschluss	1/8" ... 1/2" wahlweise zylindrisch nach ISO 228/1 oder konisch nach ISO 7/1, M5 nach ISO R/262
Rohraußendurchmesser	4...15 mm
Werkstoffe	Messing vernickelt
empfohlene Rohrwerkstoffe	Polyamid (PA), Polyurethan (PU/CP), Polyäthylen (PE), PTFE (PT)
Rohrtoleranzen	+/- 0,05mm bis Durchmesser 10mm, +/- 0,1mm ab Durchmesser 12mm
Medium	Druckluft, neutrale Gase
Mediumtemperatur	-20...+70°C (-40...+150°C auf Anfrage)
Betriebsdruck	-1...18bar bzw. -1...25bar, abhängig vom maximalen Druck des eingesetzten Rohres

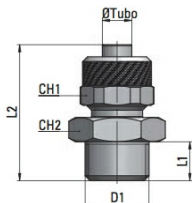
Montageanleitung



1. Schlauch rechtwinklig abschneiden
2. Überwurfmutter auf den Schlauch stecken
3. Schlauch und Überwurfmutter über den Schlauchkonus bis zum Anschlag schieben
4. Überwurfmutter von Hand oder wenn notwendig mit einem Schlüssel zudrehen



SC12 Gerade Einschraubverschraubung - Gewinde zylindrisch, Druck -1...18bar

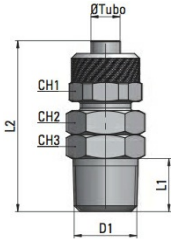
	Rohrdurchmesser D / d [mm]	D1	L1	L2	CH1	CH2	Gewicht [g]	Typ
	4/2,5	M5x0,8	5	20	7	7	3,5	SC12-04-M5-N-D
	4/2,5	G1/8"	6	22,5	7	14	10	SC12-04-18-N-D
	5/3	M5x0,8	4	20	8	8	5	SC12-05-M5-N-0
	5/3	G1/8"	6	23	8	14	14,5	SC12-05-18-N-0
	6/4	M5x0,8	4	21	9	8	6	SC12-06-M5-N-0
	6/4	M12x1,25	8	28	12	17	21	SC12-06-12X1,25-N-D
	6/4	M12x1,5	8	28	12	17	21	SC12-06-12X1,5-N-D
	6/4	G1/8"	5,5	23,5	10	14	16	SC12-06-18-N-0
	6/4	G1/4"	6,5	25,5	10	16	24	SC12-06-14-N-0
	6/4	G3/8"	9	28	10	19	28	SC12-06-38-N-0
	6/4	G1/2"	10	30	10	24	37	SC12-06-12-N-0
	8/6	G1/8"	5,5	23	12	14	19	SC12-08-18-N-0
	8/6	G1/4"	6,5	25,5	12	16	25	SC12-08-14-N-0
	8/6	G3/8"	9	28	12	19	30	SC12-08-38-N-0
	8/6	G1/2"	10	30	12	24	40	SC12-08-12-N-0
	10/8	G1/8"	5,5	26,5	14	14	23	SC12-10-18-N-0
	10/8	G1/4"	6,5	28,5	14	16	29	SC12-10-14-N-0
	10/8	G3/8"	9	30	14	19	32	SC12-10-38-N-0
	10/8	G1/2"	10	32	14	24	45	SC12-10-12-N-0
	12/10	G3/8"	9	30,5	15	19	39	SC12-12-38-N-0
	12/10	G1/2"	10	32,5	15	24	53	SC12-12-12-N-0
	15/12,5	G1/2"	10	34,5	22	24	58	SC12-15-12-N-0

SC12C Gerade Einschraubverschraubung - Gewinde konisch, Druck -1...25bar

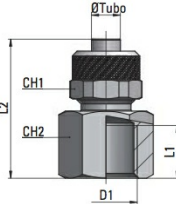
Rohrdurchmesser D / d [mm]	D1	L1	L2	CH1	CH2	Gewicht [g]	Typ
4/2,5	R1/8"	7,5	23,5	7	11	7	SC12C-04-18-N
5/3	R1/8"	8	25	8	12	9	SC12C-05-18-N
6/4	R1/8"	8	27,5	12	12	18	SC12C-06-18-N
6/4	R1/4"	11	31	12	14	21	SC12C-06-14-N
6/4	R3/8"	11,5	31,5	12	17	25	SC12C-06-38-N
8/6	R1/8"	8	27,5	14	12	18	SC12C-08-18-N
8/6	R1/4"	11	31	14	14	23	SC12C-08-14-N
8/6	R3/8"	11,5	31,5	14	17	29	SC12C-08-38-N
10/8	R1/8"	8	29,5	16	14	22	SC12C-10-18-N
10/8	R1/4"	11	32,5	16	14	27	SC12C-10-14-N
10/8	R3/8"	11,5	33	16	17	34	SC12C-10-38-N
10/8	R1/2"	14	36	16	22	48	SC12C-10-12-N
12/10	R3/8"	11,5	34,5	18	17	37	SC12C-12-38-N
12/10	R1/2"	14	37,5	18	22	50	SC12C-12-12-N
15/12,5	R1/2"	14	39,5	22	22	62	SC12C-15-12-N



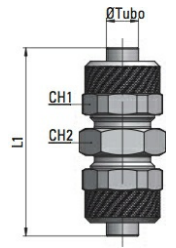
SC12C Drehbare, gerade Einschraubverschraubung - Gewinde konisch, Druck -1...18bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	CH1	CH2	CH3	Gewicht [g]	Typ
	6/4	R1/8"	8	37	12	12	12	22	SC12C-06-18-N-360YA
	6/4	R1/4"	11	40	12	14	14	28	SC12C-06-14-N-360YA
	8/6	R1/8"	8	37	14	12	12	26	SC12C-08-18-N-360YA
	8/6	R1/4"	11	40	14	14	14	30	SC12C-08-14-N-360YA
	10/8	R1/4"	11	42	16	14	14	34	SC12C-10-14-N-360
	10/8	R3/8"	11,5	39	16	14	17	43	SC12C-10-38-N-360

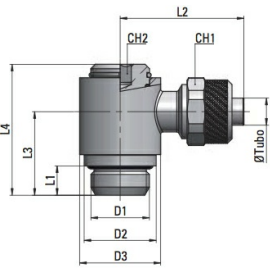
SC13 Gerade Aufschraubverschraubung, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	CH1	CH2	Gewicht [g]	Typ
	5/3	G1/8"	8	22,5	8	14	13	SC13-05-18-N
	6/4	G1/4"	11	29	12	17	26	SC13-06-14-N
	8/6	G1/8"	8	25	14	14	22	SC13-08-18-N
	8/6	G1/4"	11	29	14	17	29	SC13-08-14-N
	8/6	G3/8"	11,5	29,5	14	20	31	SC13-08-38-N
	8/6	G1/2"	15	33	12	24	61	SC13-08-12-N
	10/8	G1/4"	11	30,5	16	17	32	SC13-10-14-N
	10/8	G3/8"	11,5	31	16	20	38	SC13-10-38-N
	12/10	G3/8"	11,5	32,5	18	20	54	SC13-12-38-N

SC13 Gerader Verbinder, Druck -1...25bar

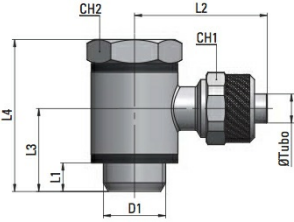
	Rohrdurchmesser D1 [mm]	Rohrdurchmesser D2 [mm]	L1	CH1	CH2	Gewicht [g]	Typ
	5/3	5/3	28,5	8	8	8	SC13-05-N
	6/4	6/4	34,5	12	12	21	SC13-06-N
	8/6	8/6	35	14	14	25	SC13-08-N
	10/8	10/8	38	16	14	38	SC13-10-N
	12/10	12/10	41	18	17	47	SC13-12-N
	15/12,5	15/12,5	45,5	22	22	83	SC13-15-N

SC14 Drehbare Winkeleinschraubverschraubung, Druck -1...18bar

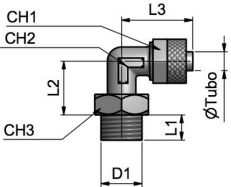
	Rohrdurchmesser D / d [mm]	D1	D2	D3	L1	L2	L3	L4	CH1	CH2	Gewicht [g]	Typ
	6/4	G1/8"	14	14	5	25	16,5	25,5	12	4	27	SC14-06-18-N-0-360
	6/4	G1/4"	16	18	6,5	26,5	19	29	12	5	42	SC14-06-14-N-0-360
	8/6	G1/8"	14	14	5	25	16,5	25,5	14	4	29	SC14-08-18-N-0-360
	8/6	G1/4"	16	18	6,5	27,5	19	29	14	5	44	SC14-08-14-N-0-360
	10/8	G1/4"	16	18	6,5	28,5	19	29	16	5	46	SC14-10-14-N-0-360
	10/8	G3/8"	21	18	7	30,5	23,5	32,5	16	8	69	SC14-10-38-N-0-360



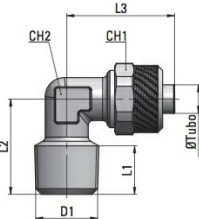
SC14 L-Schwenkverschraubung, Druck -1...18bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	L4	CH1	CH2	Gewicht [g]	Typ
	4/2,5	M5x0,8	4	19	9,5	19	7	8	9	SC14-04-M5-N
	4/2,5	G1/8"	6	21,5	16,5	27	7	14	28	SC14-04-18-N
	5/3	M5x0,8	4	19	9,5	19	8	8	11	SC14-05-M5-N
	5/3	G1/8"	6	25	16,5	27	8	14	27	SC14-05-18-N
	6/4	M5x0,8	4	19	9,5	19	9	8	11	SC14-06-M5-N
	6/4	G1/8"	6	25	16,5	27	12	14	32	SC14-06-18-N
	6/4	G1/4"	8	26,5	19,5	31,5	12	17	52	SC14-06-14-N
	8/6	G1/8"	6	25	16,5	27	14	14	34	SC14-08-18-N
	8/6	G1/4"	8	27,5	19,5	31,5	14	17	55	SC14-08-14-N
	8/6	G3/8"	9	29,5	23,5	36	14	20	82	SC14-08-38-N
	10/8	G1/4"	8	28,5	19,5	31,5	16	17	57	SC14-10-14-N
	10/8	G3/8"	9	30,5	23,5	36	16	20	85	SC14-10-38-N

SC16 Drehbare Winkelschraubverschraubung - Gewinde zylindrisch, Druck -1...18bar

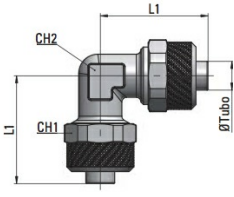
	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	CH2	CH3	Gewicht [g]	Typ
	6/4	G1/8"	6	16	22,5	12	8	14	23	SC16-06-18-N-0-360
	6/4	G1/4"	8	17	23	12	10	17	35	SC16-06-14-N-0-360
	8/6	G1/8"	6	15	23	14	10	14	29	SC16-08-18-N-0-360
	8/6	G1/4"	8	17	23	14	10	17	36	SC16-08-14-N-0-360
	10/8	G1/4"	8	18	25	16	11	17	43	SC16-10-14-N-0-360

SC16C Winkelschraubverschraubung - Gewinde konisch, Druck -1...25bar

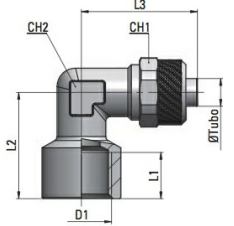
	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	CH2	Gewicht [g]	Typ
	4/2,5	M5x0,8	5	15,5	20	7	9	10	SC16C-04-M5-N
	4/2,5	R1/8"	7,5	17	20	7	9	11	SC16C-04-18-N
	5/3	R1/8"	8	17	21,5	8	8	11	SC16C-05-18-N
	6/4	M12x1,25	9	21	22,5	12	10	23	SC16C-06-M12X1,25-N
	6/4	M12x1,5	9	21	22,5	12	10	19	SC16C-06-M12X1,5-N
	6/4	R1/8"	8	17	22,5	12	8	16	SC16C-06-18-N
	6/4	R1/4"	11	20	22,5	12	10	22	SC16C-06-14-N
	6/4	R3/8"	11,5	22,5	23,5	12	11	30	SC16C-06-38-N
	8/6	R1/8"	8	17	22,5	14	10	20	SC16C-08-18-N
	8/6	R1/4"	11	20	22,5	14	10	23	SC16C-08-14-N
	8/6	R3/8"	11,5	22,5	24	14	11	31	SC16C-08-38-N
	10/8	R1/8"	8	18,5	25,5	16	11	28	SC16C-10-18-N
	10/8	R1/4"	11	21,5	25,5	16	11	31	SC16C-10-14-N
	10/8	R3/8"	11,5	22,5	25,5	16	11	36	SC16C-10-38-N
	10/8	R1/2"	14	28	25,5	16	17	40	SC16C-10-12-N
	12/10	R3/8"	11,5	24,5	30	18	14	46	SC16C-12-38-N
	12/10	R1/2"	14	28	30,5	18	17	60	SC16C-12-12-N
	15/12,5	R1/2"	14	28	34	22	17	69	SC16C-15-12-N



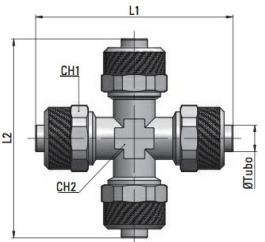
SC17 Winkelverbinder, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	L1	L2	CH1	CH2	Gewicht [g]	Typ
	5/3	21,5	21,5	8	8	13	SC17-05-N
	6/4	21,5	21,5	12	8	23	SC17-06-N
	8/6	22,5	22,5	14	10	28	SC17-08-N
	10/8	25,5	25,5	16	11	38	SC17-10-N
	12/10	30	30	18	14	60	SC17-12-N
	15/12,5	34	34	22	17	84	SC17-15-N

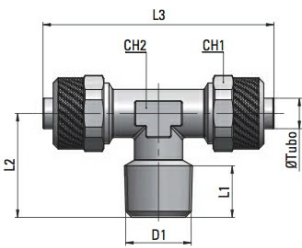
SC17 Winkelaufschraubverschraubung, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	CH2	Gewicht [g]	Typ
	5/3	G1/8"	8	19	21,5	8	10	21	SC17-05-18-N
	6/4	G1/8"	8	19	22,5	12	10	21	SC17-06-18-N
	6/4	G1/4"	10,5	23	25	12	11	30	SC17-06-14-N
	8/6	G1/8"	8	19	22,5	14	10	28	SC17-08-18-N
	8/6	G1/4"	10,5	23	25	14	11	31	SC17-08-14-N
	10/8	G1/4"	11	23,5	26	16	13	33	SC17-10-14-N
	12/10	G3/8"	11,5	28	30,5	18	17	70	SC17-12-38-N

SC20 Kreuzverbinder, Druck -1...25bar

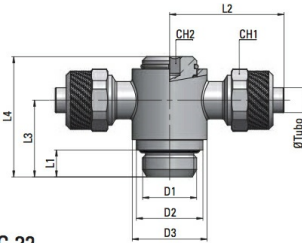
	Rohrdurchmesser D / d [mm]	L1	L2	CH1	CH2	Gewicht [g]	Typ
	5/3	43	43	8	8	45	SC20-05-N
	6/4	45	45	12	8	45	SC20-06-N
	8/6	45	45	14	10	52	SC20-08-N
	10/8	51	51	16	11	72	SC20-10-N

SC21C T-Einschraubverschraubung - Gewinde konisch, Druck -1...25bar

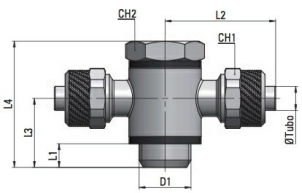
	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	CH2	Gewicht [g]	Typ
	5/3	R1/8"	8	17	43	8	8	18	SC21C-05-18-N
	6/4	R1/8"	8	17	45	12	8	26	SC21C-06-18-N
	6/4	R1/4"	11	20,5	45,5	12	10	35	SC21C-06-14-N
	8/6	R1/8"	8	17,5	45,5	14	10	34	SC21C-08-18-N
	8/6	R1/4"	11	20,5	45,5	14	10	41	SC21C-08-14-N
	10/8	R1/4"	11	21,5	51	16	11	47	SC21C-10-14-N
	10/8	R3/8"	11,5	22,5	51	16	11	51	SC21C-10-38-N
	12/10	R3/8"	11,5	24,5	60	18	14	75	SC21C-12-38-N
	12/10	R1/2"	14	28	61	18	17	100	SC21C-12-12-N
	15/12,5	R1/2"	14	28	68	22	17	102	SC21C-15-12-N



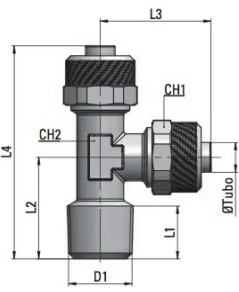
SC22 Drehbare T-Einschraubverschraubung, Druck -1...18bar

	Rohrdurchmesser D / d [mm]	D1	D2	D3	L1	L2	L3	L4	CH1	CH2	Gewicht [g]	Typ
	6/4	G1/8"	14	14	5	25	16,5	25,5	12	4	39	SC22-06-18-N-0-360
	6/4	G1/4"	16	18	6,5	26,5	19	29	12	5	53	SC22-06-14N-0-360
	8/6	G1/8"	14	14	5	25	16,5	25,5	14	4	41	SC22-08-18N-0-360
	8/6	G1/4"	16	18	6,5	27,5	19	29	14	5	57	SC22-08-14N-0-360
	10/8	G1/4"	16	18	6,5	28,5	19	29	16	5	64	SC22-10-14N-0-360
	10/8	G3/8"	21	22	7	30,5	23,5	32,5	16	8	85	SC22-10-38N-0-360

SC22 T-Schwenkverschraubung, Druck -1...18bar

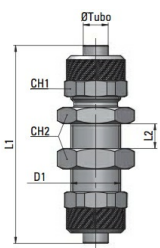
	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	L4	CH1	CH2	Gewicht [g]	Typ
	5/3	M5x0,8	4	17	9,5	19	8	8	15	SC22-05-M5-N
	5/3	G1/8"	6	25	16,5	27	8	14	45	SC22-05-18-N
	6/4	M5x0,8	4	17	9,5	19	9	8	16	SC22-06-M5-N
	6/4	G1/8"	6	25	16,5	27	12	14	45	SC22-06-18-N
	6/4	G1/4"	8	26,5	19,5	31,5	12	17	63	SC22-06-14-N
	8/6	G1/8"	6	25	16,5	27	14	14	46	SC22-08-18-N
	8/6	G1/4"	8	27,5	19,5	31,5	14	17	67	SC22-08-14-N
	8/6	G3/8"	9	29,5	23,5	36	14	20	96	SC22-08-38-N
	10/8	G1/4"	8	28,5	19,5	31,5	16	17	72	SC22-10-14-N
	10/8	G3/8"	9	30,5	23,5	36	16	20	103	SC22-10-38-N

SC24C T-Einschraubverschraubung - Gewinde konisch, Druck -1...25bar

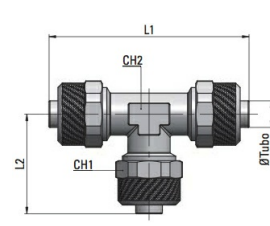
	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	L4	CH1	CH2	Gewicht [g]	Typ
	5/3	R1/8"	8	17	21,5	38,5	8	8	19	SC24C-05-18-N
	6/4	R1/8"	8	17	22,5	39,5	12	8	26	SC24C-06-18-N
	6/4	R1/4"	11	20	22,5	42,5	12	10	34	SC24C-06-14-N
	8/6	R1/8"	8	17,5	22,5	40,5	14	10	37	SC24C-08-18-N
	8/6	R1/4"	11	20,5	22,5	43,5	14	10	40	SC24C-08-14-N
	10/8	R1/4"	11	21	25,5	46,5	16	11	48	SC24C-10-14-N
	10/8	R3/8"	11,5	22,5	25,5	48	16	11	51	SC24C-10-38-N
	12/10	R3/8"	11,5	24,5	30	54,5	18	14	72	SC24C-12-38-N
	12/10	R1/2"	14	28	30,5	58,5	18	17	100	SC24C-12-12-N
	15/12,5	R1/2"	14	28	34	62	22	17	113	SC24C-15-12-N



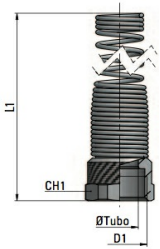
SC27 Schottverschraubung, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	CH1	CH2	Gewicht [g]	Typ
	5/3	M7x0,75	40	8,5	8	9	12	SC27-05-N
	6/4	M10x1	48	10,5	12	14	33	SC27-06-N
	8/6	M12x1	48	10,5	14	16	43	SC27-08-N
	10/8	M14x1	50	8,5	16	17	53	SC27-10-N
	12/10	M16x1	53	8,5	18	19	76	SC27-12-N
	15/12,5	M20x1	58	8,5	22	24	105	SC27-15-N

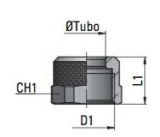
SC29 T-Verbinder, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	L1	L2	CH1	CH2	Gewicht [g]	Typ
	5/3	43	21,5	8	8	17	SC29-05-N
	6/4	45	22,5	12	8	32	SC29-06-N
	8/6	45	22,5	14	10	42	SC29-08-N
	10/8	51	25,5	16	11	55	SC29-10-N
	12/10	60	30	18	14	85	SC29-12-N
	15/12,5	68	34	22	17	124	SC29-15-N

SC32 Überwurfmutter mit Knickschutzspirale, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	D1	L1	CH1	Gewicht [g]	Typ
	6/4	M10x1	95	12	14	SC32-06-N-YA
	8/6	M12x1	93,5	14	18	SC32-08-N-YA
	10/8	M14x1	96,5	16	22	SC32-10-N-YA
	12/10	M16x1	112	15	31	SC32-12-N

SC33 Überwurfmutter, Druck -1...25bar

	Rohrdurchmesser D / d [mm]	D1	L1	CH1	Gewicht [g]	Typ
	4/2,5	M6x0,75	8	7	1	SC33-04-M6X0,75-N
	5/3	M7x0,75	8,5	8	1	SC33-05-M7X0,75-N
	6/4	M8x0,75	9	9	2	SC33-06-M8X0,75-N
	6/4	M10x1	10,5	12	4	SC33-06-M10X1-N
	8/6	M12x1	10,5	14	5	SC33-08-M12X1-N
	10/8	M14x1	11,5	16	7	SC33-10-M14X1-N
	12/10	M16x1	13	18	12	SC33-12-M16X1-N
	15/12,5	M20x1	15,5	22	16	SC33-15-M20X1-N



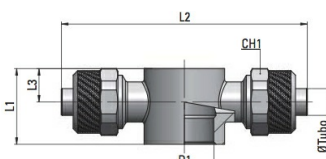
SC35 L-Ringstück, Druck -1...18bar

Technical drawing of a valve assembly. The drawing shows a side view of the valve with various dimensions labeled: L1 (total length), L2 (length of the main body), L3 (length of the handle), CH1 (height of the handle), D1 (diameter of the main body), and ØTube (diameter of the tube). The valve is shown in a closed position.

Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	Gewicht [g]	Typ
4/2,5	M5	9	19	4,5	7	7	SC35-04-M5-N
4/2,5	M5	10	19	3,5	7	6	SC35-04-M5-N-M*
4/2,5	G1/8"	15	21,5	6	7	13	SC35-04-18-N
5/3	M5	9	19	4,5	8	7,5	SC35-05-M5-N
5/3	M5	10	19	4	8	6,5	SC35-05-M5-N-M*
5/3	1/8"	15	25	6	12	20	SC35-05-18-N
6/4	M5	9	19	4	9	9	SC35-06-M5-N
6/4	M5	10	19	4,5	9	7	SC35-06-M5-N-M*
6/4	1/8"	15	25	6	12	19	SC35-06-18-N
6/4	1/4"	17	26,5	7,5	12	25	SC35-06-14-N
8/6	1/8"	15	25	6	14	19	SC35-08-18-N
8/6	1/4"	17	27,5	7,5	14	27	SC35-08-14-N
8/6	3/8"	20	29,5	7,5	14	39	SC35-08-38-N
10/8	1/4"	17	28,5	7,5	16	30	SC35-10-14-N
10/8	3/8"	20	30,5	7,5	16	41	SC35-10-38-N

*für Schwenkdrosselventil und Schwenkdrosselrückschlagventil

SC36 T-Ringstück, Druck -1...18bar

	Rohrdurchmesser D / d [mm]	D1	L1	L2	L3	CH1	Gewicht [g]	Typ
	5/3	M5	9	34	4,5	8	12	SC36-05-M5-N
	5/3	1/8"	15	50	6	12	32	SC36-05-18-N
	6/4	M5	9	34	4,5	9	13	SC36-06-M5-N
	6/4	1/8"	15	50	6	12	30	SC36-06-18-N
	6/4	1/4"	17	53	7,5	12	36	SC36-06-14-N
	8/6	1/8"	15	50	6	14	30	SC36-08-18-N
	8/6	1/4"	17	55	7,5	14	39	SC36-08-14-N
	8/6	3/8"	20	59	7,5	14	52	SC36-08-38-N
	10/8	1/4"	17	57	7,5	16	45	SC36-10-14-N
	10/8	3/8"	20	61	7,5	16	56	SC36-10-38-N

SC40 Verschlusskappe

	Rohrdurchmesser D / d [mm]	Höhe	max. Druck 20°C	max. Druck 30°C	max. Druck 60°C	max. Druck 80°C	Typ
	5/3	11	16	16	16	12	SC40-05-DA
	6/4	23	13	10	6	3	SC40-06-D
	8/6	23	8	6	3	2	SC40-08-D

Abbildungen unverbindlich
Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

Pneumatik / Verbindungselemente und Kupplungen / Schraubverschraubungen / Schraubverschraubungen - Messing vernickelt Druck -1...18bar/25bar

