

AVENTICS Series SI1 Silencers



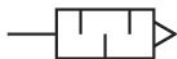
Series SI1

AVENTICS Series SI1 Silencers offers a broad range of silencers even in Metal or plastic to reduce the noise when Pneumatic products come to exhaust.



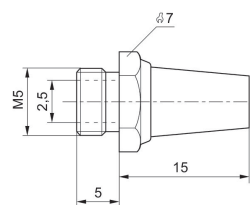
Silencers, series SI1

External thread
Sintered bronze

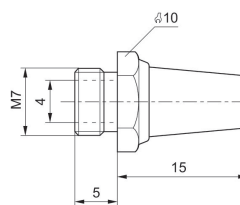


Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	72	398	10	0.004	1827000006
M7			10	0.005	8140000700
M10x1	75	1747	1	0.011	5324001110
M12x1,5	80	3049	1	0.019	5324001170
M14x1,5	80	3390	1	0.018	5324001120
M22x1,5	85	7223	1	0.071	5324001140
G 1/8	75	1623	10	0.01	1827000000
G 1/4		5950	10	0.013	R412004817
G 1/4	79	3390	10	0.02	1827000001
G 3/8	84	6554	5	0.05	1827000002
G 1/2	90	7223	2	0.08	1827000003
G 3/4	92	8394	1	0.13	1827000004
G 1	102	12848	1	0.18	1827000005

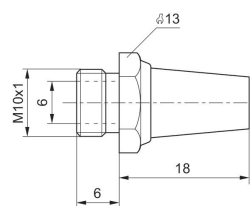
1827000006



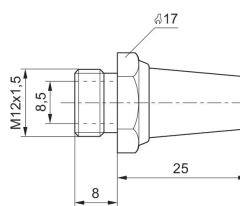
8140000700



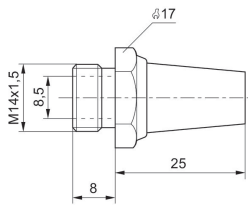
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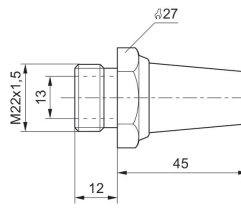
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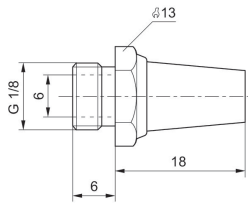
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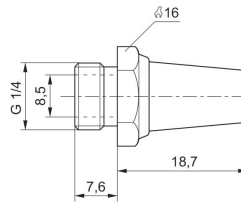
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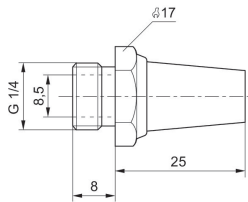
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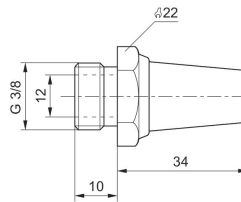
R412004817



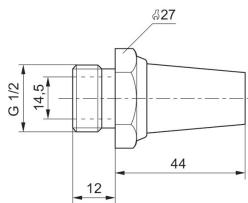
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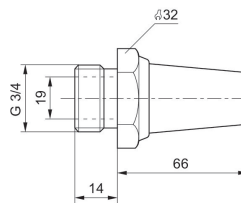
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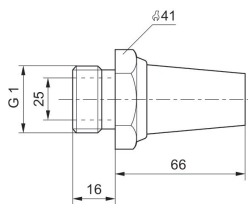
1827000003



1827000004

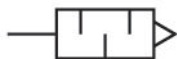


1827000005



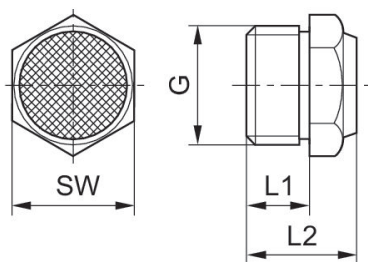
Silencers, series SI1

External thread
Sintered bronze



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	79	252	10	0.005	1827000032
G 1/8	85	700	10	0.001	1827000031
G 1/4	88	1116	10	0.01	1827000033
G 3/8	90	1706	5	0.016	1827000034
G 1/2	85	2568	2	0.035	1827000035
G 3/4	82	3260	1	0.095	8145003400
G 1	82	9485	1	0.057	8145001000

Dimensions

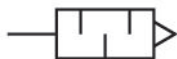


Part No.	Port G	L1	L2	SW
1827000032	M5	5	10.3	7
1827000031	G 1/8	6	11.5	13
1827000033	G 1/4	8	13.5	17
1827000034	G 3/8	10	17.5	22
1827000035	G 1/2	12	19.5	27
8145003400	G 3/4	14	22.5	32
8145001000	G 1	16	22.5	41

Sound pressure level measured at 6 bar at 1 m distance

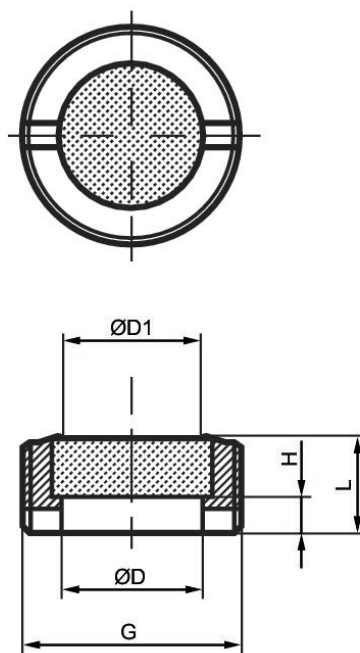
Silencers, series SI1

External thread
Sintered bronze



Compressed air connection	Nominal flow [l/min]	Delivery unit [piece]	Part No.
G 1/8	311	10	1827430004
G 1/4	553	10	R414000155
G 3/8	743	5	R412007875
G 1/2	1343	2	R412007876
G 3/4	3585	2	R412007877
G 1	5012	2	R412007878

Dimensions

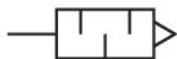


Part No.	Port G	Ø D	Ø D1	H	L
1827430004	G 1/8	6	5	2	4
R414000155	G 1/4	8	6	3	6
R412007875	G 3/8	10	8	3	7
R412007876	G 1/2	15	12	5	9

Part No.	Port G	Ø D	Ø D1	H	L
R412007877	G 3/4	20	17	3.4	8
R412007878	G 1	26	23	5.5	9.5

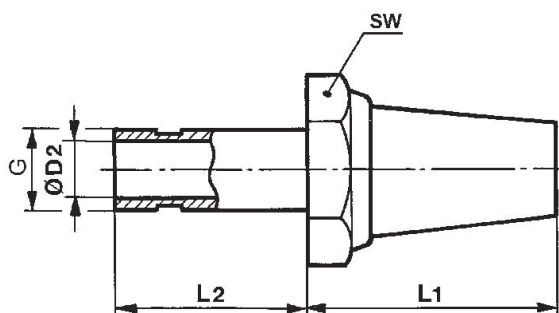
Silencers, series SI1

pin bushing
Sintered bronze



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
Ø 4	72	366	5	0.004	8240040000
Ø 6		1011	5	0.01	8240060000
Ø 8	75	2200	5	0.019	8240080000

Dimensions

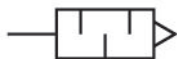


Part No.	Port G	Ø D2	L1	L2	SW
8240040000	Ø 4	2.5	16	17	10
8240060000	Ø 6	4	18	19	13
8240080000	Ø 8	6	25	19	17

Sound pressure level measured at 6 bar at 1 m distance

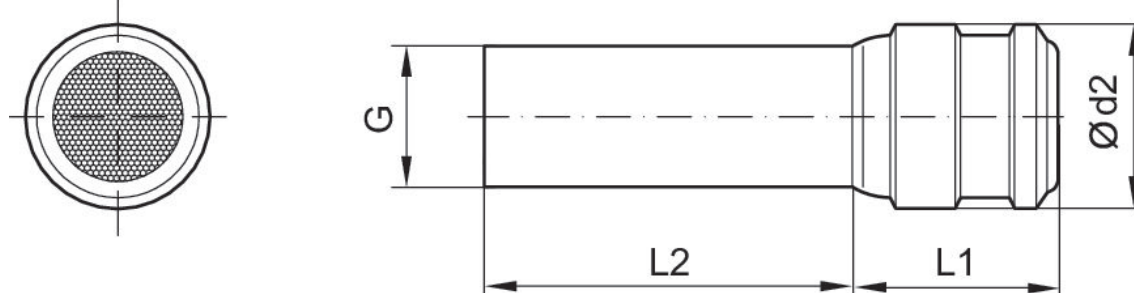
Silencers, series SI1

pin bushing
Sintered bronze



Compressed air connection	Delivery unit [piece]	Weight [kg]	Part No.
Ø 4	2	0.002	1827000039
Ø 6	2	0.003	1827000041
Ø 8	2	0.004	1827000042
Ø 10	2	0.009	1827000043
Ø 12	2	0.011	1827000044
Ø 14	2	0.021	1827000045

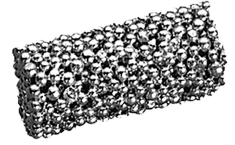
Dimensions



Part No.	Port G	Ø d2	L1	L2
1827000039	Ø 4	7	10	26
1827000041	Ø 6	8	10	33
1827000042	Ø8	10	13	31
1827000043	Ø10	12	14	36
1827000044	Ø12	14	16	40
1827000045	Ø14	17	18	40

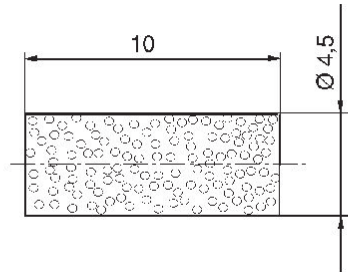
Silencers, series SI1

Sintered bronze



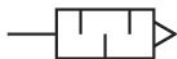
Weight [kg]	Part No.
0.008	8993800114

Dimensions



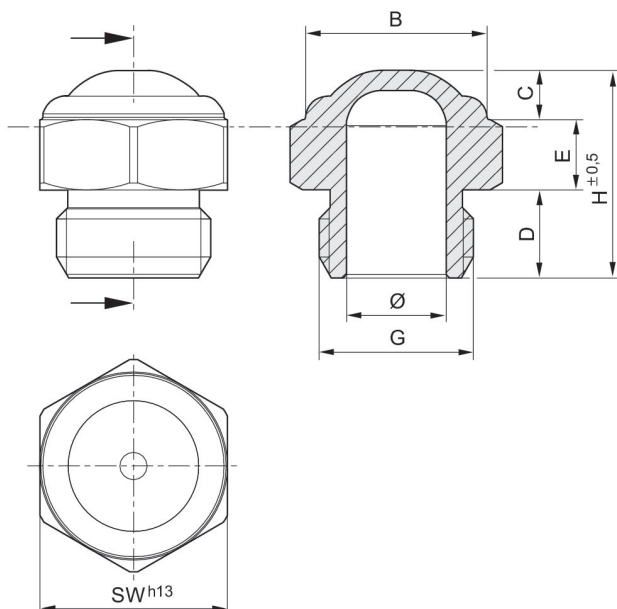
Silencers, series SI1

External thread
Stainless Steel



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	68		10	0.006	R412010686
G 1/8	73	1218	10	0.01	R412010687
G 1/4	93	1937	10	0.002	R412007817

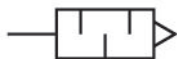
Dimensions



Part No.	Port G	Ø	B	D	E	H	SW
R412010686	M5	2.5	6.5	4	3	8	8
R412010687	G 1/8	6	11	6	4	15	13
R412007817	G 1/4	8.5	12	8	5	18	16

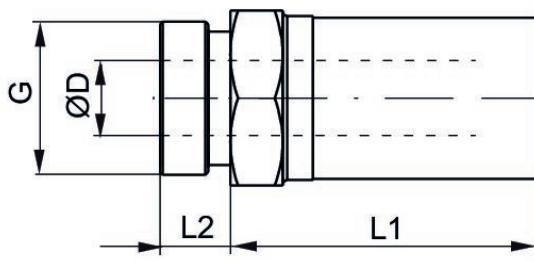
Silencers, series SI1

External thread
Stainless Steel



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	85	73	1	0.003	R412010090
G 1/8	90	1312	1	0.011	R412010081
G 1/4	93	1852	1	0.021	R412010082
G 3/8	101	2678	1	0.028	R412010083
G 1/2	95	5649	1	0.048	R412010084
G 3/4	110	5945	1	0.076	R412010085
G 1	100	7206	1	0.099	R412010086

Dimensions



Part No.	Port G	SW	Ø D	L1	L2
R412010090	M5	8	3.1	10.5	3.5
R412010081	G 1/8	13	6.6	20	6
R412010082	G 1/4	16	8.6	29.5	7.5
R412010083	G 3/8	19	12.1	33.5	7.5
R412010084	G 1/2	24	15.3	39.5	9.5
R412010085	G 3/4	30	19.3	45	10
R412010086	G 1	36	25.5	49.5	11.5

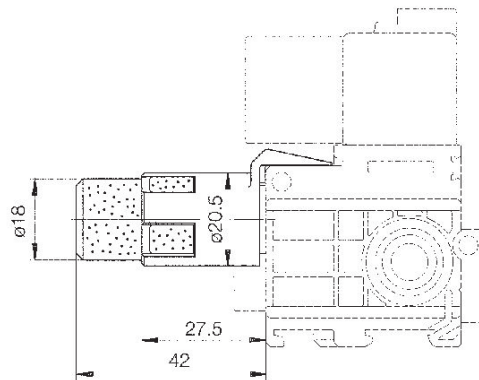
Silencers, series SI1

1300 l/min
Polyamide



Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
78	1300	1	0.008	5790005312
78	1300	10	0.08	5790005332
78	1300	100	0.8	5790005352

Dimensions



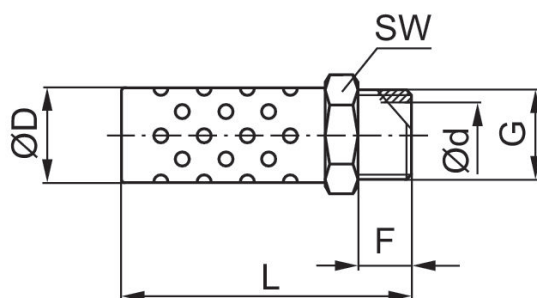
Silencers, series SI1

External thread
Metal braiding



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Part No.
G 1/8	94	1664	10	R412010283
G 1/4	96	2687	10	R412010245
G 3/8	98	4709	5	R412010246
G 1/2	100	6285	5	R412010247
G 3/4	102	6455	2	R412010248
G 1	104	10642	2	R412010249

Dimensions

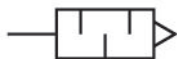


Part No.	Port G	L	F	D	d	SW
R412010283	G 1/8	33.5	6	10.4	6	11
R412010245	G 1/4	42.5	8.5	13.4	8.5	14
R412010246	G 3/8	49.2	9	16.5	12	17
R412010247	G 1/2	65.2	11	21.5	15	22
R412010248	G 3/4	74.5	12	26.5	20	27
R412010249	G 1	91	15.5	32.3	26	34

Sound pressure level measured at 6 bar at 1 m distance

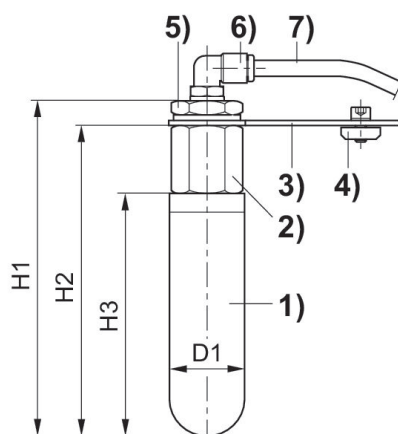
Silencers, series SI1

External thread
Polyethylene



Compressed air connection	Delivery unit [piece]	Weight [kg]	Part No.
G 3/4	1	0.383	1827010513

Dimensions

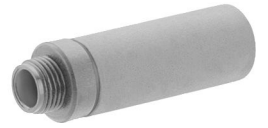


- 1) Silencer (porously sintered polyethylene) 2) Connector sleeve G 3/4 3) Holding plate (120x40x2.5) 4) 2 x M6x12 including groove lugs 5) Reducing supports G 3/4 - G 1/4
- 6) Angle threaded connector Ø 8 mm 7) PU tube Ø 8 mm, 250 mm long

Part No.	Port	H1	H2	H3	D1
1827010513	G 3/4	174	161	126	38.5

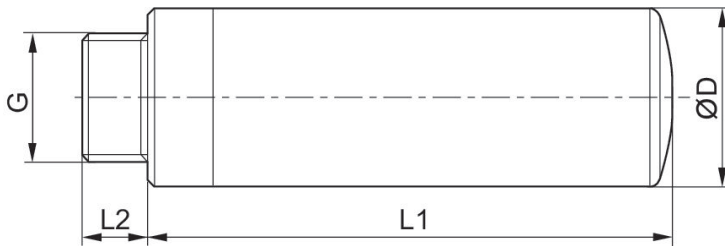
Silencers, Series EBS

External thread
Polyethylene



Compressed air connection	Delivery unit [piece]	Weight [kg]	Part No.
M5	5	0.001	R412007592
G 1/8	5	0.005	R412007593
G 3/8	5	0.014	R412007594

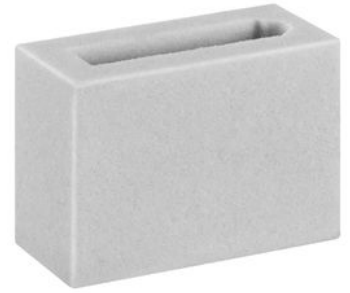
Dimensions



Part No.	Port G	L1	L2	Ø D
R412007592	M5	24	4	9
R412007593	G 1/8	40	5	13,6
R412007594	G 3/8	76	9	20

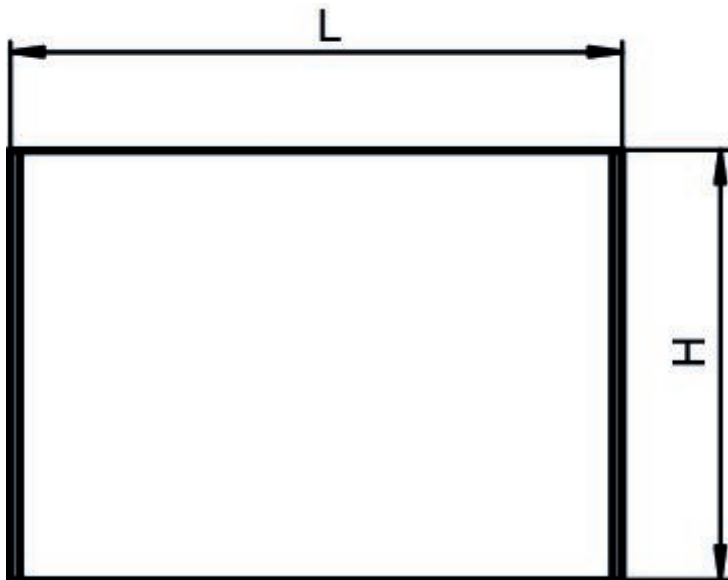
Silencers, Series ECV

External thread
Polyethylene



Delivery unit [piece]	Weight [kg]	Part No.
2	0.005	R412010100

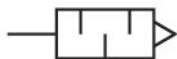
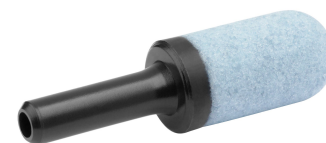
Dimensions



Part No.	B	H	L
R412010100	15	22,5	32

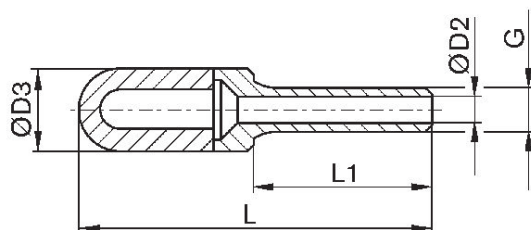
Silencers, series SI1

pin bushing
Polyethylene



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
Ø 4		321	5	0.002	R412007519
Ø 6	82	680	5	0.002	R412007899
Ø 6	80	622	5	0.002	R412000591
Ø 8	90	1366	5	0.002	R412007520
Ø 10	95	2854	5	0.004	R412000593
Ø 12	97	3870	5	0.007	R412007715

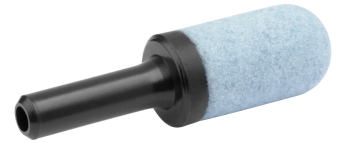
Dimensions



Part No.	Port G	Ø D2	Ø D3	L1	L
R412007519	Ø 4	2.5	7	16	32
R412007899	Ø 6	3.5	10	20.5	45
R412000591	Ø 6	3.5	12.5	20.5	45
R412007520	Ø 8	4.8	13.5	21.5	43.5
R412000593	Ø 10	6.9	15.5	26.5	57.5
R412007715	Ø 12	8.4	18.5	29	82

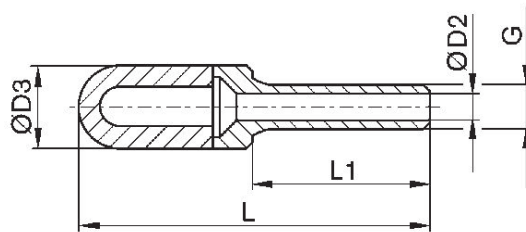
Silencers, Series SI1 - inch

pin bushing
Polyethylene



Compressed air connection	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
Ø 1/4"	60	5	0.002	R412005727
3/8"	30	5	0.007	R412005728
Ø 1/2"	30	5	0.007	R412007714

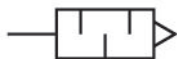
Dimensions in inches



Part No.	Port G	Ø D2	Ø D3	L1	L
R412005727	Ø 1/4"	0.14	0.49	0.81	1.77
R412005728	3/8"	0.26	0.61	1.04	2.26
R412007714	Ø 1/2"	0.36	0.73	1.14	3.23

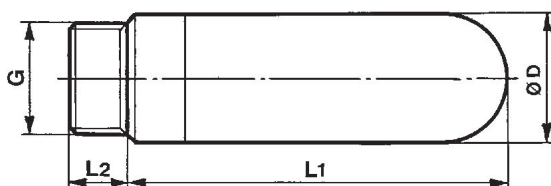
Silencers, series SI1

External thread
Polyethylene



Compressed air connection	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5		381	5	0.001	1827000018
G 1/8	78	1560	5	0.002	1827000019
G 1/4	80	3447	5	0.003	1827000020
G 3/8	85	5682	2	0.008	1827000021
G 1/2	88	7142	1	0.013	1827000022
G 3/4		8356	1	0.04	1827000023
G 1		13329	1	0.055	1827000024

Dimensions



Part No.	Port G	Ø D	L1	L2
1827000018	M5	6.5	17.5	4
1827000019	G 1/8	12.5	28.5	5.5
1827000020	G 1/4	15.5	34.5	8
1827000021	G 3/8	18.5	56	11.5
1827000022	G 1/2	23.3	66.5	11
1827000023	G 3/4	38.5	115.5	16
1827000024	G 1	49	140	21

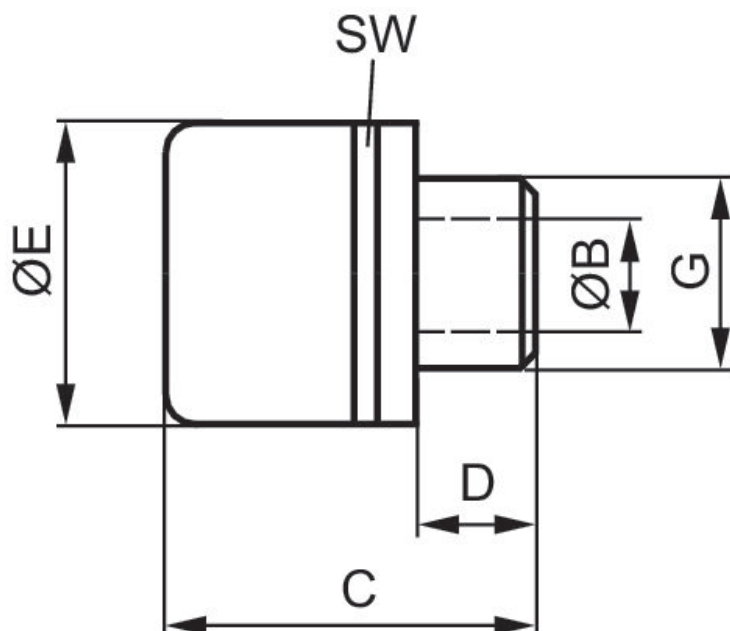
Exhaust cap, Series SI1

External thread



Compressed air connection	Delivery unit [piece]	Weight [kg]	Part No.
R 1/8	10	0.004	8994701700
R 1/4	10	0.007	8994701900

Dimensions



Part No.	Port G	B	C	D	E	SW
8994701700	R 1/8	5	19	6.5	15	14
8994701900	R 1/4	8	20.5	8	20	19

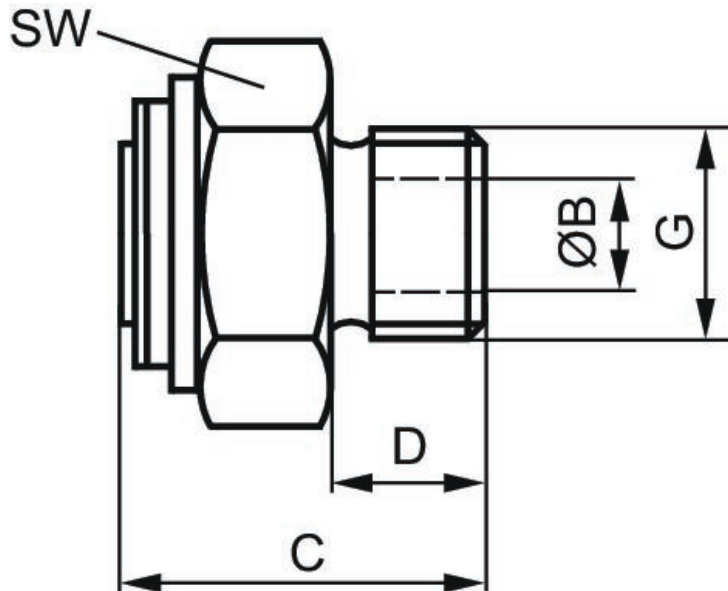
Exhaust cap, Series SI1

External thread



Compressed air connection	Delivery unit [piece]	Weight [kg]	Part No.
R 3/8	5	0.067	8994701200

Dimensions



Part No.	Port G	B	C	D	E	SW	Fig.
8994701200	R 3/8	9	30	12	-	27	2

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