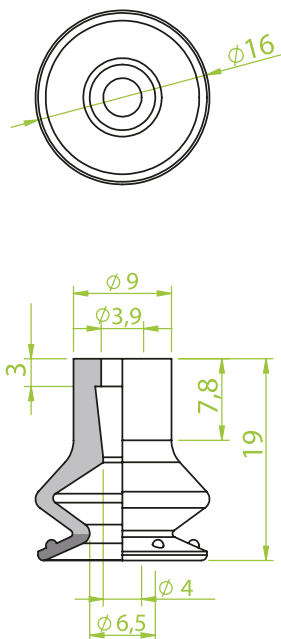




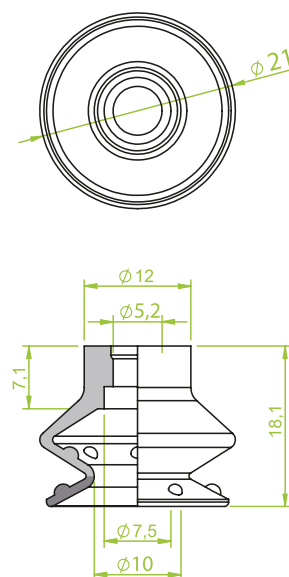
Art.: 210.015.800._

Material | Material TPU, PU Gewicht | Weight: 1.36 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 5.5 mm

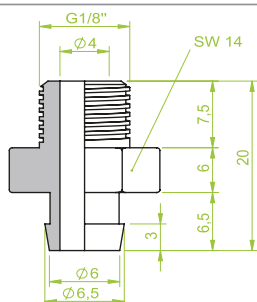


Art.: 210.020.801._

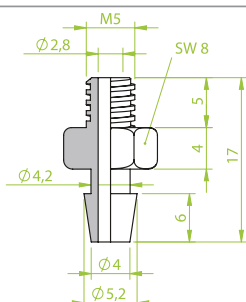
Material | Material TPU, PU Gewicht | Weight: 2.04 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 7.6 mm



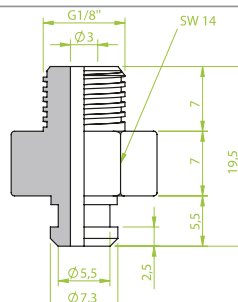
Art.: 130.003 1/8" AG



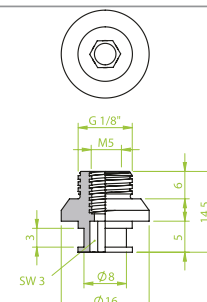
Art.: 130.134



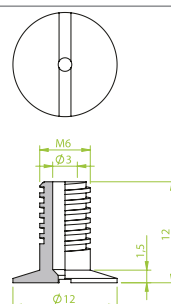
Art.: 130.095 1/8" AG



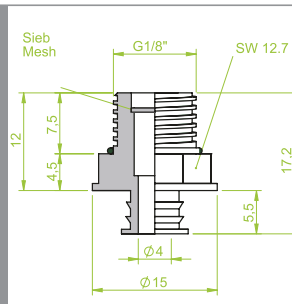
Art.: 130.250



Art.: 130.016



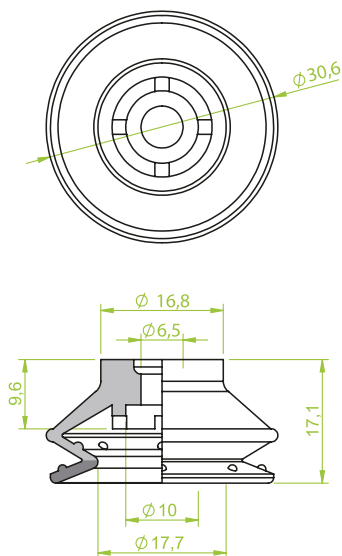
Art.: 130.291





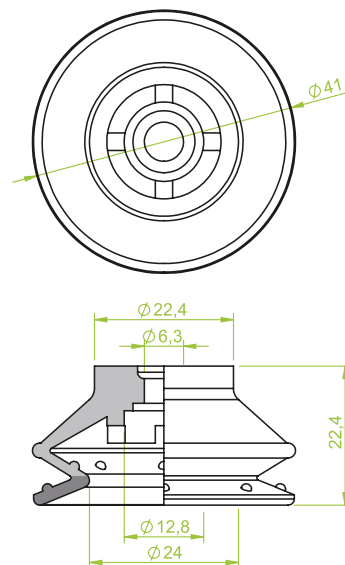
Art.: 210.030.802._

Material | Material TPU, PU Gewicht | Weight: 4.5 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 7.5 mm

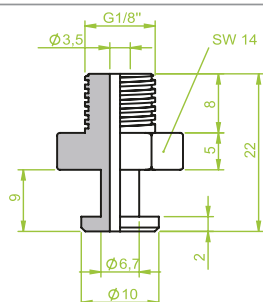


Art.: 210.040.803._

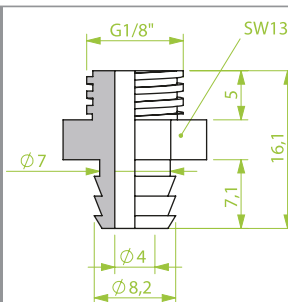
Material | Material TPU, PU Gewicht | Weight: 11.7 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 9.3 mm



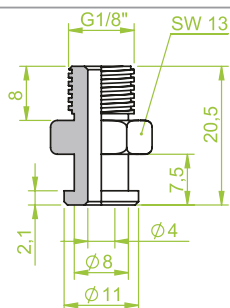
Art.: 130.030 1/8" AG



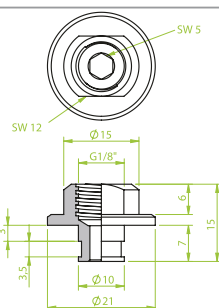
Art.: 130.567-4 1/8" AG



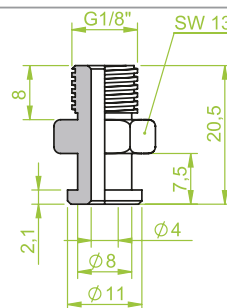
Art.: 130.549



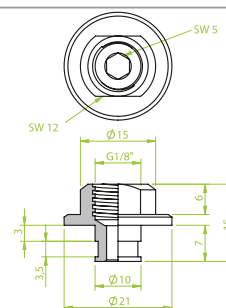
Art.: 130.251



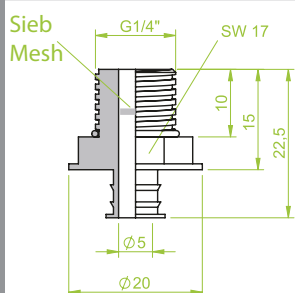
Art.: 130.549



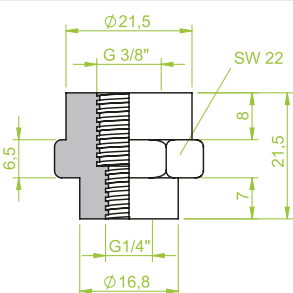
Art.: 130.251



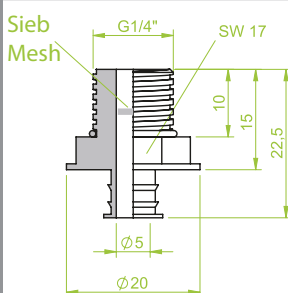
Art.: 130.293



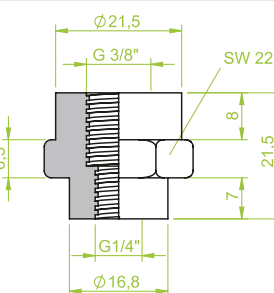
Art.: 130.295



Art.: 130.293

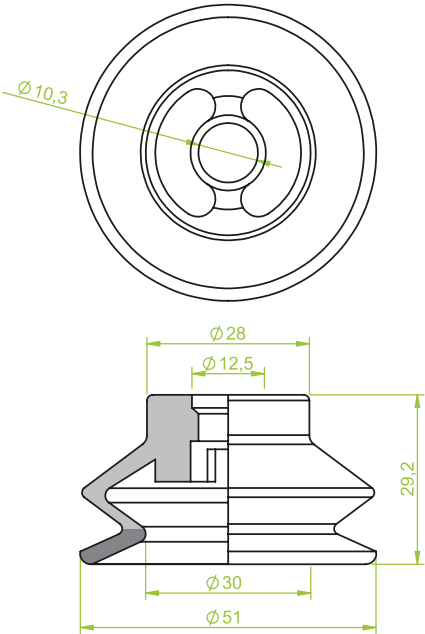


Art.: 130.295

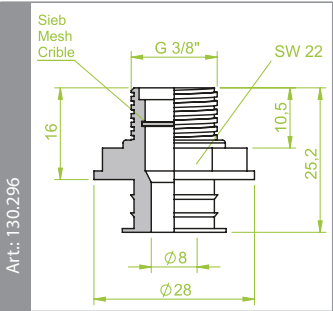
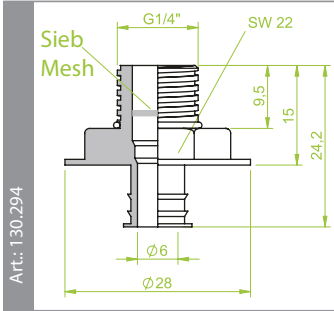
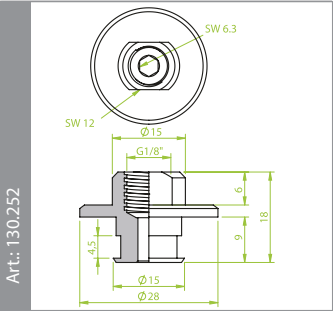




Art.: 210.050.804._			
Material <i>Material</i>	TPU, PU	Gewicht <i>Weight</i> :	20. 5 gr
Shorehärte <i>Shore hardness</i>	30°/ 60°, 60°	Hub <i>Stroke</i> :	14. 4 mm



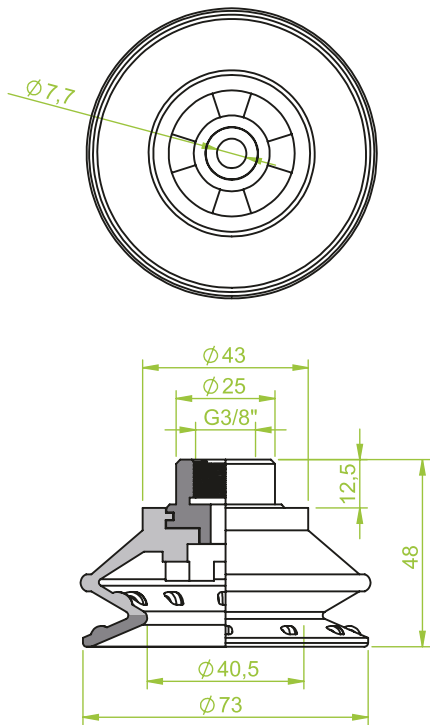
Art.:	
Material <i>Material</i>	Gewicht <i>Weight</i> :
Shorehärte <i>Shore hardness</i>	Hub <i>Stroke</i> :





Art.: 213.070.800._

Material Material	TPU, PU	Gewicht Weight:	61.5 gr
Shorehärte Shore hardness	30°/ 60°, 60°	Hub Stroke:	18 mm



Multiflex | Balgensauger

Ø 20 mm



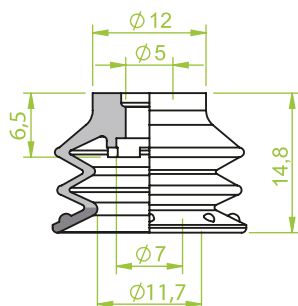
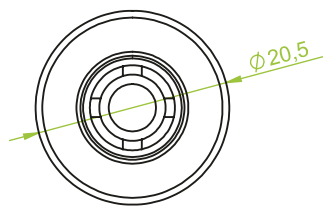
Multiflex | Balgensauger

Ø 30 mm



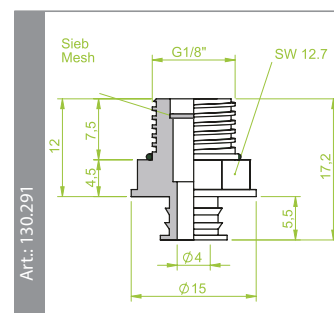
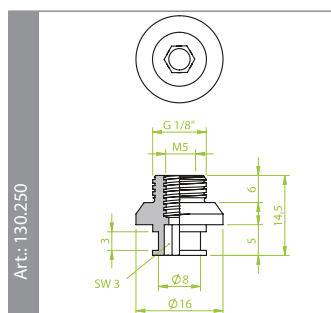
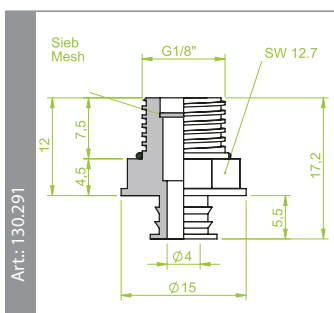
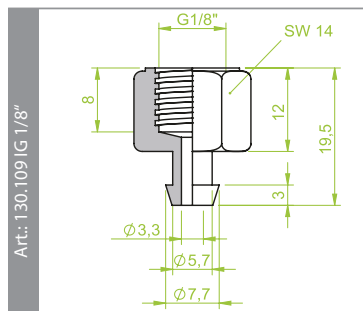
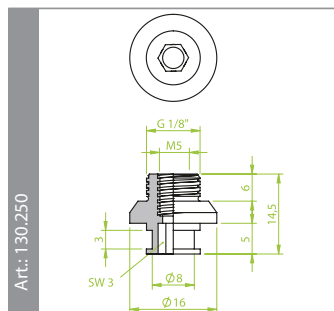
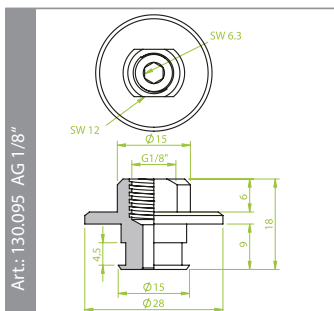
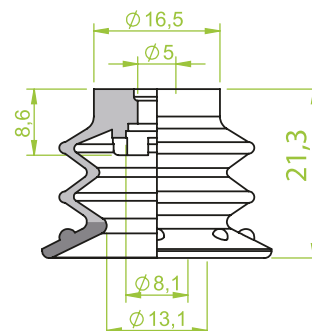
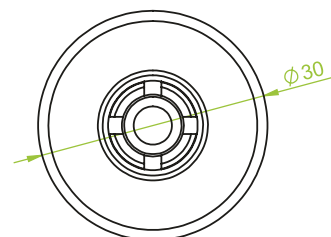
Art.: 220.020.800._

Material | Material TPU, PU Gewicht | Weight: 1.6 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 6.5 mm



Art.: 220.030.801._

Material | Material TPU, PU Gewicht | Weight: 4.4 gr
 Shorehärte | Shore hardness 30°/ 60°, 60° Hub | Stroke: 11 mm



Multiflex | Balgensauger

Ø 40 mm



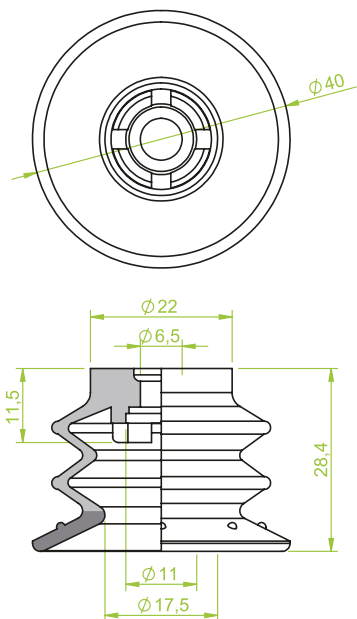
Multiflex | Balgensauger

Ø 50 mm



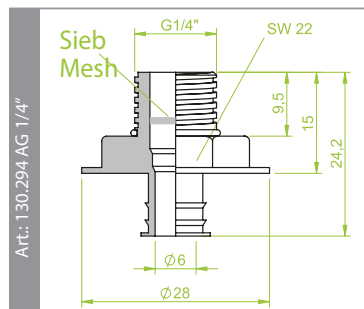
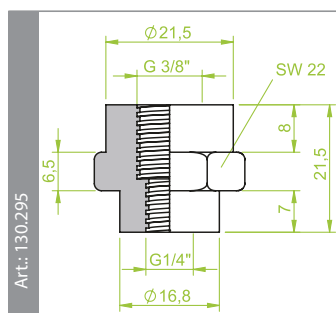
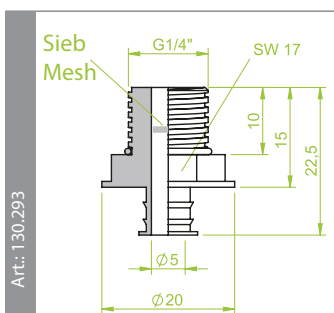
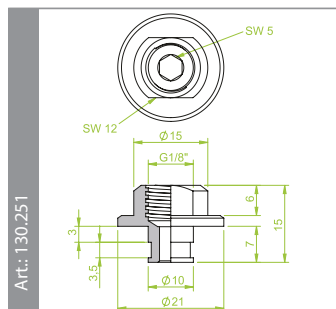
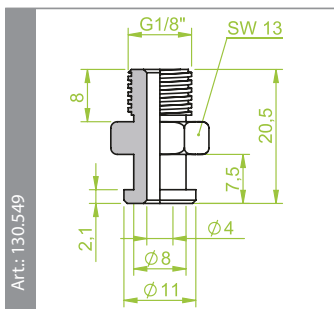
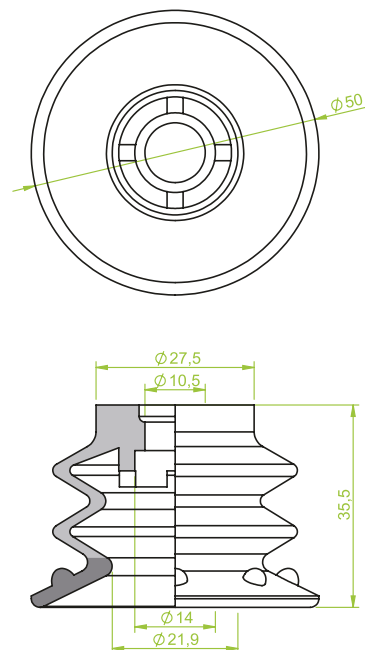
Art.: 220.040.802._

Material | Material TPU, PU Gewicht | Weight: 10.4 gr
 Shorehärte | Shore hardness 30°/60°, 60° Hub | Stroke: 14.7 mm



Art.: 220.050.803._

Material | Material TPU, PU Gewicht | Weight: 20.0 gr
 Shorehärte | Shore hardness 30°/60°, 60° Hub | Stroke: 20.0 mm



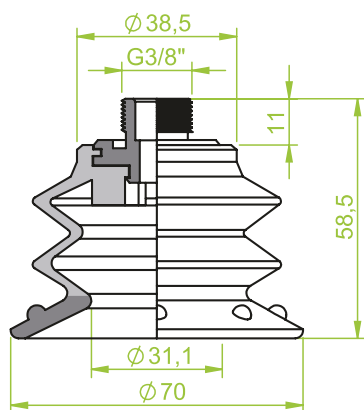
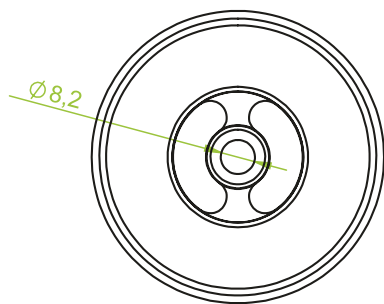
Multiflex | Balgensauger

Ø 70 mm



Art.: 224.070.800._

Material <i>Material</i>	TPU, PU	Gewicht <i>Weight</i> :	60.4 gr
Shorehärte <i>Shore hardness</i>	30°/ 60°, 60°	Hub <i>Stroke</i> :	23.0 mm

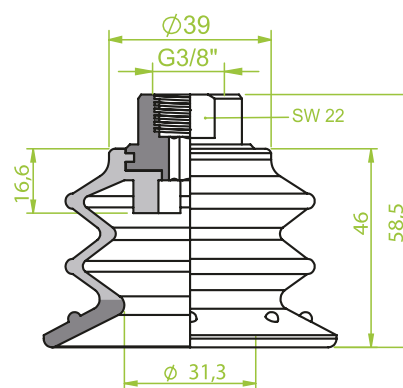
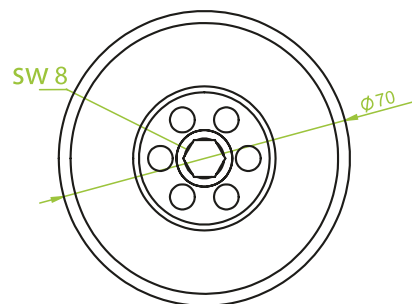
**Multiflex | Balgensauger**

Ø 70 mm

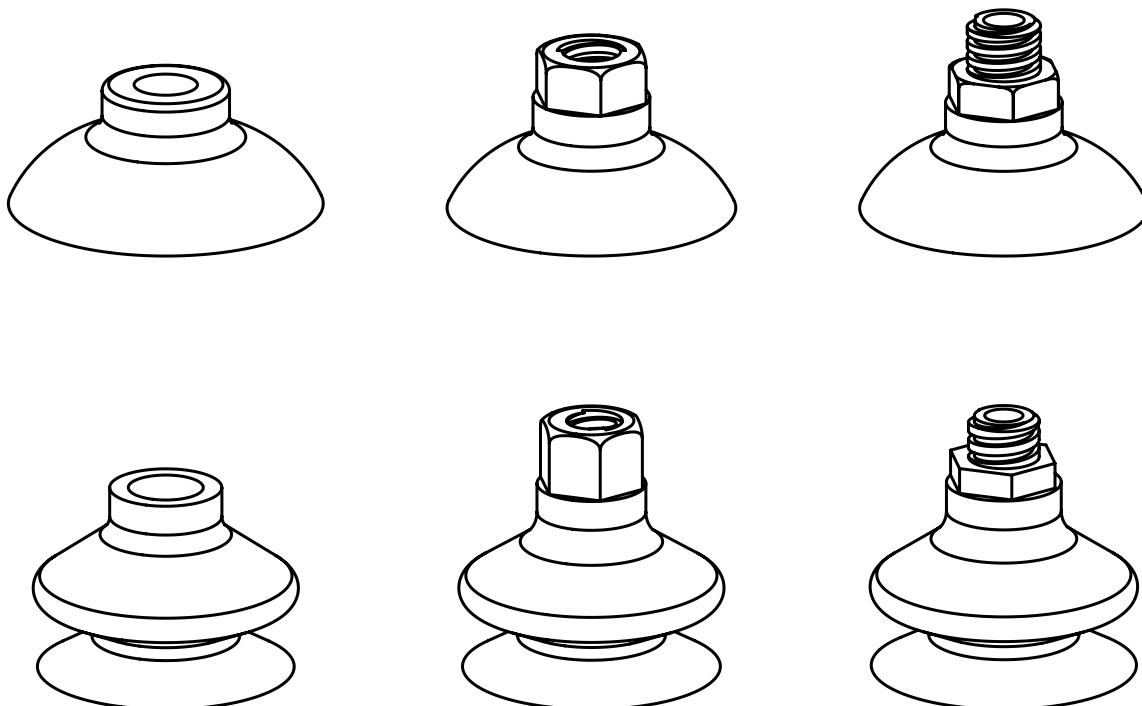


Art.: 223.070.800._

Material <i>Material</i>	TPU, PU	Gewicht <i>Weight</i> :	66.5 gr
Shorehärte <i>Shore hardness</i>	30°/ 60°, 60°	Hub <i>Stroke</i> :	23.0 mm



VAC Reihe / VAC line

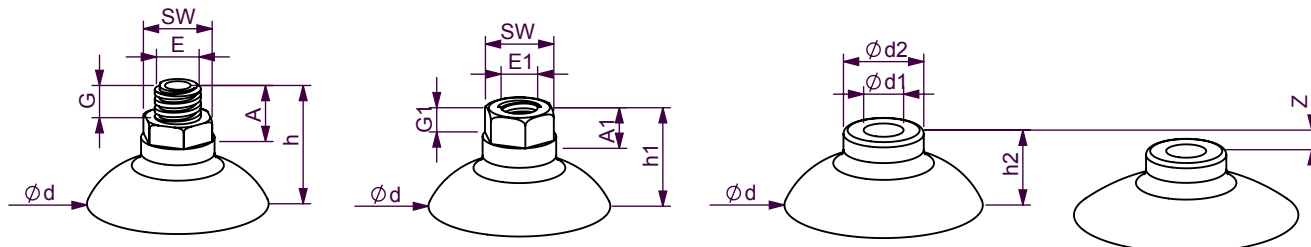


01=NBR, 02=S (Silikon/silicone), 03=NR (Naturgummi/natural rubber), 05=PU (Polyurethan/polyurethane), 06=EPDM, 07=FKM(Viton®)

Andere Artikel auf Anfrage | Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

I



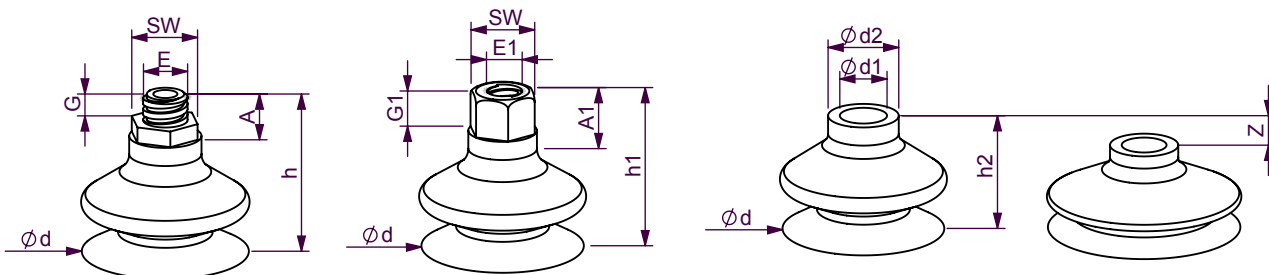
Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ø d	h	h1	h2	A	A1	Ø d1	Ø d2	E	E1	G	G1	SW	Z
14.020.052._	13.020.074._	---	NBR,S,NR,PU	20	24	24	12	12	12	8	5	G1/8"	G1/8"	8	8	14	3.5
14.034.053._	13.034.075._	---	NBR,S,NR,PU	34	29	29	14	15	15	14	7	G1/4"	G1/4"	10	12.5	17	2.5
14.053.003._	13.053.012._	---	NBR,S,NR,PU	53	33	33	18	15	15	--	--	G1/4"	G1/4"	11	11	17	3.0
14.075.004._	13.075.013._	---	NBR,S,NR,PU	75	43	43	25	18	18	--	--	G1/4"	G1/4"	12	12	22	4.0
14.096.005._	13.096.014._	---	NBR,S,NR,PU	96	62	62	45	17	17	--	--	G1/4"	G1/4"	12	12	22	8.0

01=NBR, 02=S (Silikon/silicone), 03=NR (Naturgummi/natural rubber), 05=PU (Polyurethan/polyurethane), 06=EPDM, 07=FKM(Viton®)

Andere Artikel auf Anfrage | Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

II



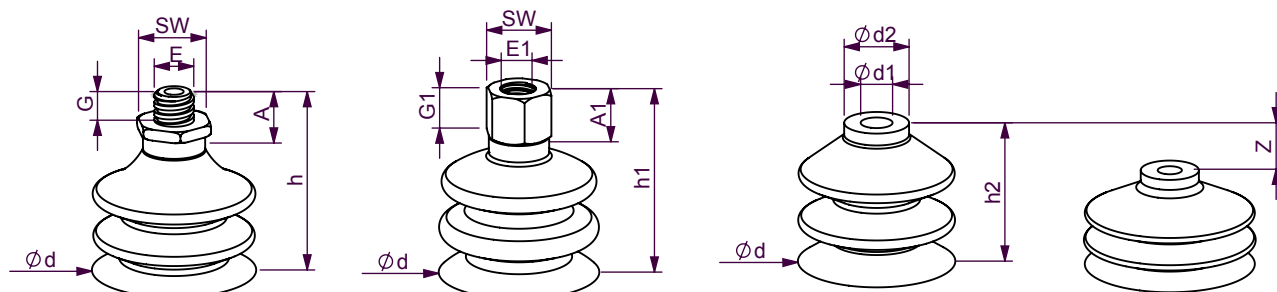
Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ø d	h	h1	h2	A	A1	Ø d1	Ø d2	E	E1	G	G1	SW	Z
212.014.001._	211.014.009._	210.014.064._	NBR,S,PU,NR,FKM	14	31.5	30	18	12	13.5	12	5	G1/8"	G1/8"	8	7.5	14	8
212.025.002._	211.025.010._	210.025.065._	NBR,S,PU,NR,EPDM	25	37	37	22	15	15	18.5	8	G1/4"	G1/4"	12	12	17	5
212.040.003._	211.040.011._	210.040.066._	NBR,S,PU,NR,EPDM	40	47	47	32	15	15	18.5	8	G1/4"	G1/4"	12	12	17	13
212.060.004._	211.060.012._	210.060.023._	NBR,S,NR,PU	60	55	55	40	15	15	18	8	G1/4"	G1/4"	12	12	17	15
214.085.002._	213.085.009._	---	NBR,S,NR	85	75	75	58	17	17	-	-	G1/4"	G1/4"	10	12	22	13

01=NBR, 02=S (Silikon/silicone), 03=NR (Naturgummi/natural rubber), 05=PU (Polyurethan/polyurethane), 06=EPDM, 07=FKM(Viton®)

Andere Artikel auf Anfrage | Products available from stock / Other products on request

 *Weitere Materialien auf Anfrage
 Further materials on request

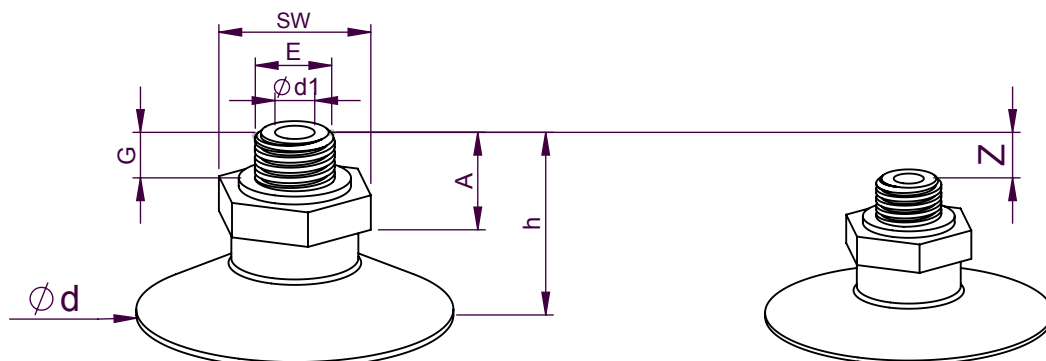
III



Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ød	h	h1	h2	A	A1	Ød1	Ød2	E	E1	G	G1	SW	Z
222.010.001._	221.010.003._	220.010.021._	NBR,S,PU,NR, EPDM	10	28.1	27.7	15.7	12	12.4	10.2	5.3	G1/8"	G1/8"	8	8.2	14	3
222.014.002._	221.014.004._	220.014.023._	NBR,S,PU,NR, EPDM	14	36.5	35	23	12	13.5	12	5	G1/8"	G1/8"	9	7.5	14	10
222.018.003._	221.018.005._	220.018.001._	NBR,S,PU,NR, EPDM	18	34.4	34	22	12	12.4	12	5	G1/8"	G1/8"	8	8.2	14	8
222.030.004._	221.030.006._	220.030.006._	NBR,S,PU,NR, EPDM,FKM	30	50	48	33	15	15	19	8	G1/4"	G1/4"	12	12	17	13
222.040.005._	221.040.007._	220.040.010._	NBR,S,PU,NR, EPDM	40	60	60	45	15	15	19	8	G1/4"	G1/4"	12	12	17	20
222.060.006._	221.060.010._	220.060.026._	NBR,S,NR, EPDM	60	70	70	55	15	15	19	8	G1/4"	G1/4"	12	12	17	24
224.085.001._	223.085.007._	---	NBR,S,NR	85	100	95	78	17	17	-	-	G1/4"	G1/4"	10	12	22	38

01=NBR, 02=S (Silikon/silicone), 05=PU (Polyurethan/polyurethane)

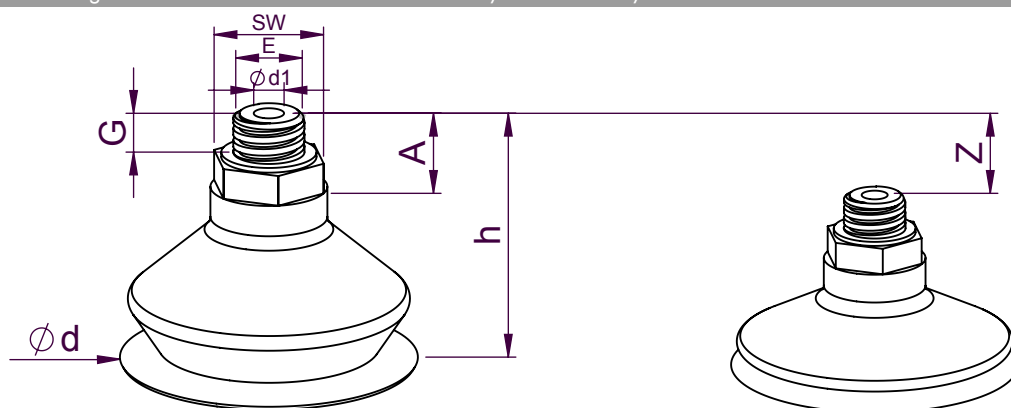
Andere Artikel auf Anfrage / Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

Aussengewinde Male thread (AG)	Material (*)	Ø d	Ø d1	E	h	A	G	SW	Z
Art. 14.008.041._	NBR,PU,S	8	2	M5	19.2	11.5	4	8	1.0
Art. 14.010.042._	NBR,PU,S	10	2	M5	19.2	11.5	4	8	1.0
Art. 14.015.043._	NBR,PU,S	15	3	G1/8"	20	12	4.7	13	1.2
Art. 14.030.044._	NBR,PU,S	30	3	G1/8"	21.5	12	4.7	13	2.0
Art. 14.040.045._	NBR,PU,S	40	3	G1/4"	32.5	19	5.8	17	3.0
Art. 14.055.046._	NBR,PU,S	55	4	G1/4"	35.5	19	5.8	17	3.5
Art. 14.075.047._	NBR,PU,S	75	4	G1/4"	29	18	5.8	17	3.5
Art. 14.100.048._	NBR,PU,S	100	4	G1/4"	29	18	5.8	17	3.5
Art. 14.125.049._	NBR,PU,S	125	7	G3/8"	36	20	6	19	6.0

01=NBR, 02=S (Silikon/silicone), 05=PU (Polyurethan/polyurethane)

Andere Artikel auf Anfrage / Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

Aussengewinde Male thread (AG)	Material (*)	Ø d	Ø d1	E	h	A	G	SW	Z
Art. 214.008.011._	NBR,S,PU	8	0.5	M5	22.5	11.5	3.5	8	3.0
Art. 214.015.012._	NBR,S,PU	15	3	G1/8"	25.5	12	4.7	13	5.5
Art. 214.030.013._	NBR,S,PU	30	3	G1/8"	34	12	4.7	13	13.0
Art. 214.040.014._	NBR,S,PU	40	3	G1/4"	43	16	5.8	17	14.0
Art. 214.055.015._	NBR,S,PU	55	4	G1/4"	52	16	5.8	17	20.0
Art. 214.075.016._	NBR,S,PU	75	4	G1/4"	43.5	16	5.8	17	14.5
Art. 214.100.017._	NBR,S,PU	100	4	G1/4"	43.5	16	5.8	17	14.5
Art. 214.125.018._	NBR,S,PU	125	7	G3/8"	60	20	6	19	26.0

01=NBR, 02=S (Silikon/silicone)

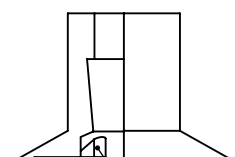
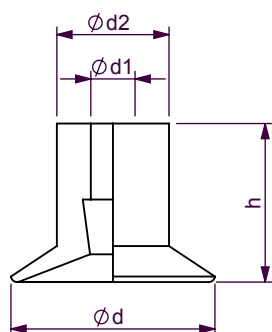
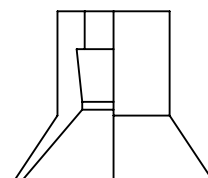
Andere Artikel auf Anfrage | Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

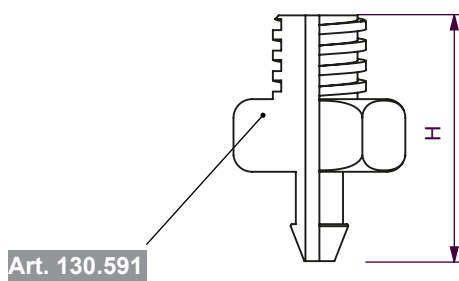
VAC-1

VAC-2

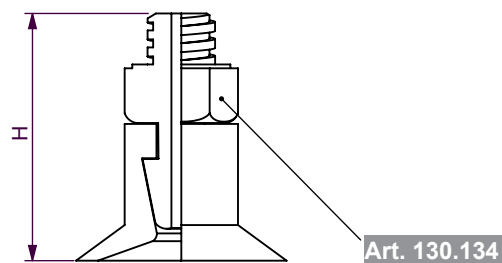
VAC-3

mit Abstützrippen
with cleats

VAC	Flachsauger Flat vacuum cups	Art.			Ø d	Ø d1	Ø d2	h	H	Komplett mit Anschlusssteil Complete with fitting
VAC-1	Art. 10.005.034._	130.591	0.5 mm	0.1 g	5.0	2.0	4.5	6.0	14.4	Art. 12.005.040._
VAC-1	Art. 10.007.035._	130.591	1.0 mm	1.1 g	7.0	2.0	5.0	6.5	15.0	Art. 12.007.041._
VAC-1	Art. 10.009.020._	130.591	1.5 mm	1.0 g	9.0	2.0	5.0	6.5	15.0	Art. 12.009.042._
VAC-1	Art. 10.011.036._	130.134	1.0 mm	0.3 g	11.0	3.8	9.0	10.5	19.5	Art. 12.011.043._
VAC-1	Art. 10.016.037._	130.134	2.0 mm	0.8 g	16.5	3.8	9.0	11.5	20.5	Art. 12.016.044._
VAC-2	Art. 10.016.039._	130.134	0.5 mm	1.0 g	16.5	3.8	8.0	11.5	20.5	Art. 12.016.046._
VAC-3	Art. 10.016.038._	130.134	2.5 mm	1.0 g	16.5	3.8	9.0	16.5	25.5	Art. 12.016.045._



Art. 130.591

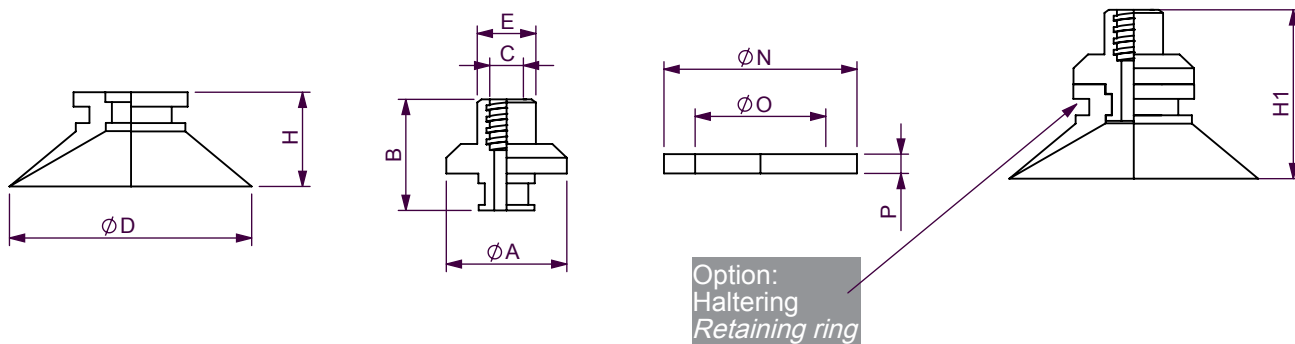


Art. 130.134

I

VAC

Fitting

Zubehör
AccessoriesKomplett
Complete

VAC Art.			Fitting Art.	Haltering Retaining ring Art.	Komplett Complete Art.
10.022.120._	2.5 mm	1.0 g	130.250	HR.011	11.022.020._
10.032.121._	4.5 mm	1.0 g	130.250	HR.011	11.032.021._
10.042.122._	5.0 mm	5.0 g	130.251	HR.012	11.042.022._
10.052.123._	6.5 mm	11.0 g	130.252	HR.013	11.052.023._

 Abmessungen in mm
 Dimensions in mm

Vakuumsauger Vacuum cups				Fitting				Haltering Retaining ring		
VAC Art.	ØD	H	H1	ØA	B	C	E	ØN	ØO	P
10.022.120._	22	8	17.5	16	14.5	M5	G1/8"	14	9.7	1.8
10.032.121._	32	10	19	16	14.5	M5	G1/8"	14	9.7	1.8
10.042.122._	42	13	21	21	15	G1/8"	Ø 15	20	13	2.5
10.052.123._	52	17.5	27	28	18	G1/8"	Ø 15	26	19	3.2

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

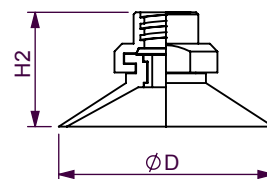
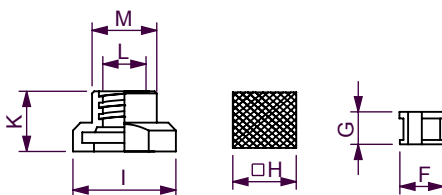
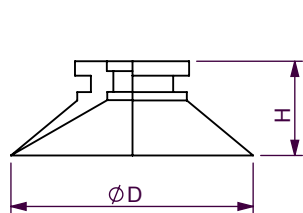
Material 01=NBR, 02=S (Silikon/silicone)

 Weitere Materialien auf Anfrage
 Further materials on request

II

VAC

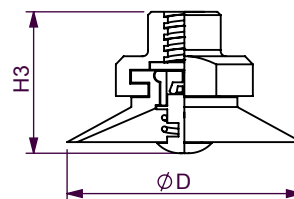
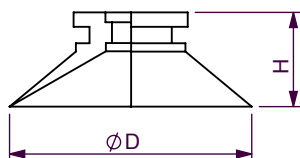
Fitting

Komplett
Complete

VAC Art.			Fitting Art.	Komplett Complete Art.
10.022.120._	2.5 mm	1.0 g	130.135	11.022.001._
10.032.121._	4.5 mm	1.0 g	130.135	11.032.012._
10.042.122._	5.0 mm	5.0 g	130.136	11.042.013._
10.052.123._	6.5 mm	11.0 g	130.137	11.052.014._

VAC

Fitting

Tastventil
Plunger valveKomplett
Complete

VAC Art.	Fitting Art.	Tastventil Plunger valve Art.	Komplett Complete Art.
10.022.120._	130.135	----	----
10.032.121._	130.135	130.276	11.032.012._TV
10.042.122._	130.136	130.277	11.042.013._TV
10.052.123._	130.137	130.278	11.052.014._TV

Vakuumsauger Vacuum cups					Fitting						
VAC Art.	ØD	H	H2	H3	ØF	G	□H	ØJ	K	L	M
10.022.120._	22	8	16	---	7	5	11	18	11	M5	G1/8"
10.032.121._	32	10	17.3	20	7	5	11	18	11	M5	G1/8"
10.042.122._	42	13	21	23	10	7	15	23	13	G1/8"	---
10.052.123._	52	17.5	26	28	14	9	21	32	15	G1/8"	---

Abmessungen in mm / Dimensions in mm

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

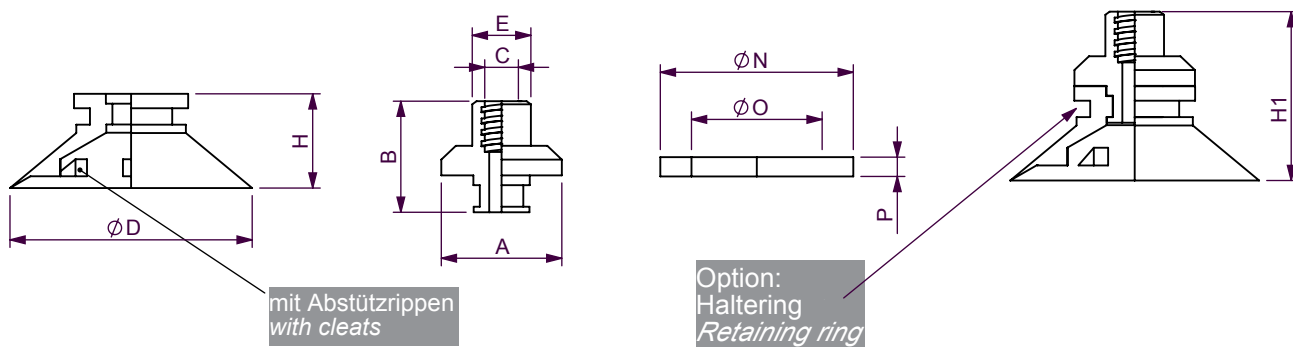
Material 01=NBR, 02=S (Silikon/silicone)

 Weitere Materialien auf Anfrage
 Further materials on request

I

VAC

Fitting

Zubehör
AccessoriesKomplett
Complete

VAC Art.			Fitting Art.	Haltering Retaining ring Art.	Komplett Complete Art.
10.022.005._	0.5 mm	1.0 g	130.250	HR.011	11.022.015._
10.028.098._	1.0 mm	2.0 g	130.250	HR.011	11.028.016._
10.032.022._	1.5 mm	2.0 g	130.250	HR.011	11.032.017._
10.042.099._	2.0 mm	6.0 g	130.251	HR.012	11.042.018._
10.053.100._	3.0 mm	12.0 g	130.252	HR.013	11.053.019._

 Abmessungen in mm
 Dimensions in mm

Vakuumsauger Vacuum cups				Fitting				Haltering Retaining ring		
VAC Art.	Ø D	H	H1	Ø A	B	C	E	Ø N	Ø O	P
10.022.005._	22	8	17.5	16	14.5	M5	G1/8"	14	9.7	1.8
10.028.098._	28	9	19	16	14.5	M5	G1/8"	14	9.7	1.8
10.032.022._	32	10	19	16	14.5	M5	G1/8"	14	9.7	1.8
10.042.099._	42	13	21	21	15	G1/8"	Ø 15	20	13	2.5
10.053.100._	53	17.5	27	28	18	G1/8"	Ø 15	26	19	3.2

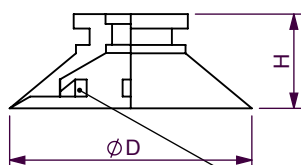
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material 01=NBR, 02=S (Silikon/ silicone)

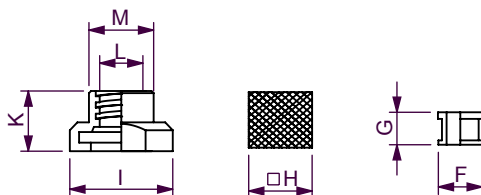
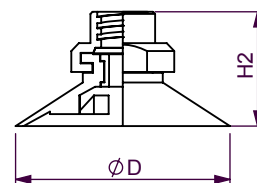
 Weitere Materialien auf Anfrage
 Further materials on request

II

VAC

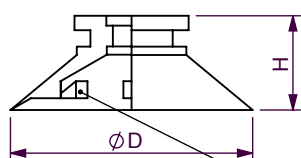

 mit Abstützrippen
 with cleats

Fitting

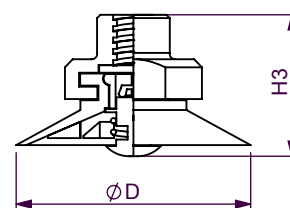
Komplett
Complete

VAC Art.			Fitting Art.	Komplett Complete Art.
10.022.005._	0.5 mm	1.0 g	130.135	11.022.004._
10.028.098._	1.0 mm	2.0 g	130.135	11.028.005._
10.032.022._	1.5 mm	2.0 g	130.135	11.032.006._
10.042.099._	2.0 mm	6.0 g	130.136	11.042.007._
10.053.100._	3.0 mm	12.0 g	130.137	11.053.008._

VAC


 mit Abstützrippen
 with cleats

Fitting

Tastventil
Plunger valveKomplett
Complete

VAC Art.	Fitting Art.	Tastventil Plunger valve Art.	Komplett Complete Art.
10.022.005._	130.135	----	----
10.028.098._	130.135	----	----
10.032.022._	130.135	130.276	11.032.006._TV
10.042.099._	130.136	130.277	11.042.007._TV
10.053.100._	130.137	130.278	11.053.008._TV

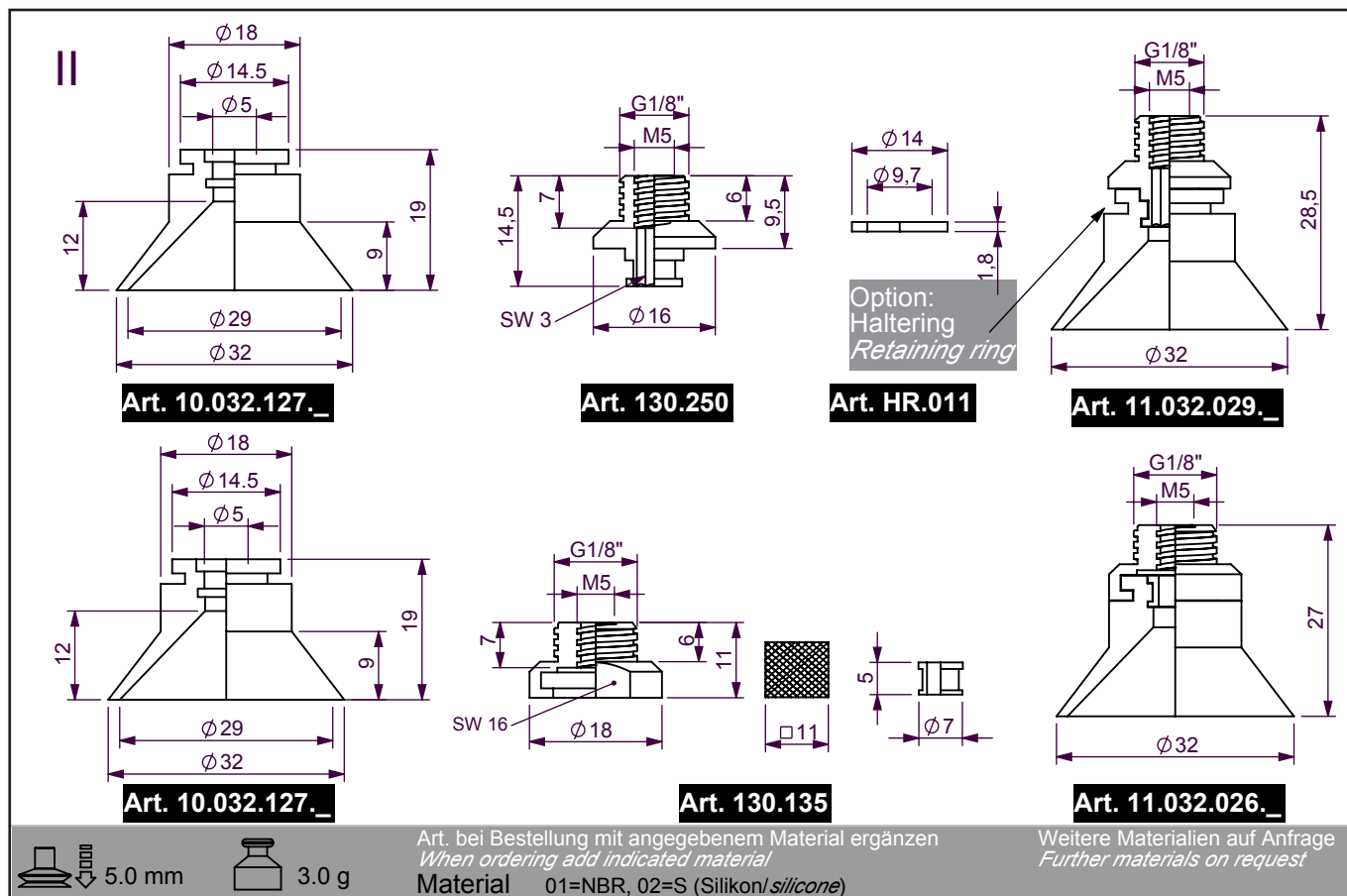
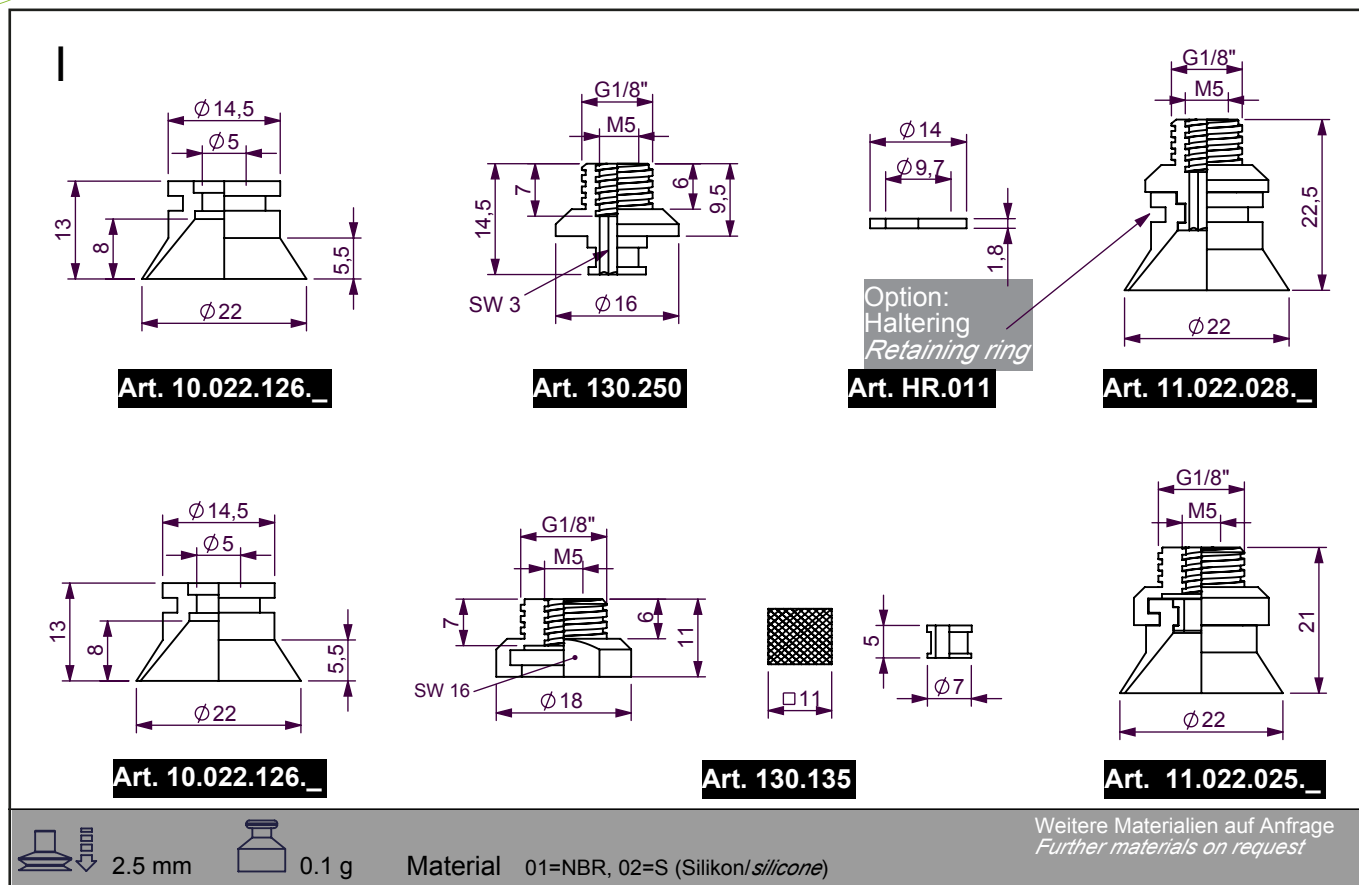
Vakuumsauger Vacuum cups					Fitting						
VAC Art.	ØD	H	H2	H3	ØF	G	□H	ØJ	K	L	M
10.022.005._	22	8	16	---	7	5	11	18	11	M5	G1/8"
10.028.098._	28	9	17	---	7	5	11	18	11	M5	G1/8"
10.032.022._	32	10	18	20	7	5	11	18	11	M5	G1/8"
10.042.099._	42	13	21	23	10	7	15	23	13	G1/8"	---
10.053.100._	53	17.5	26	28	14	9	21	32	15	G1/8"	---

Abmessungen in mm | Dimensions in mm

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

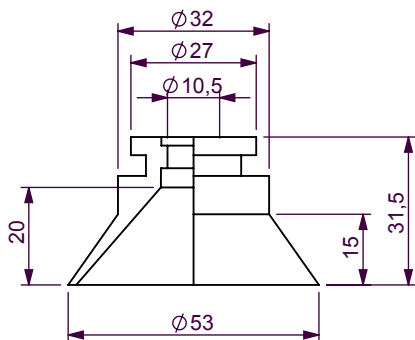
 Material 01=NBR, 02=S (Silikon) *silicone*

 Weitere Materialien auf Anfrage
 Further materials on request

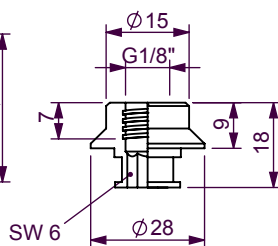


VAC

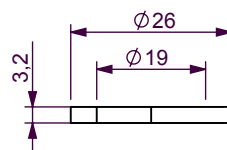
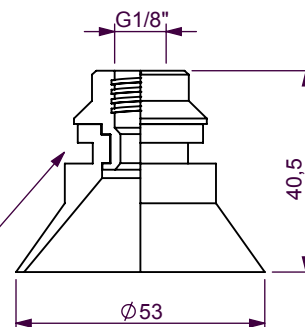
Fitting

Zubehör
AccessoriesKomplett
Complete

Art. 10.053.128._



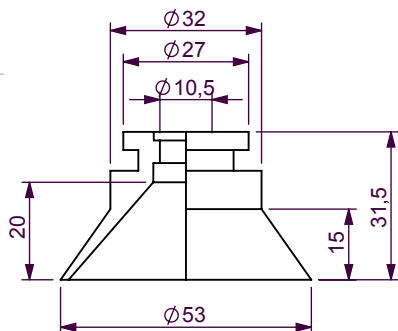
Art. 130.252

Option:
Haltering
Retaining ring
HR.013

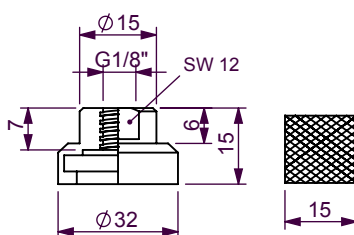
Art. 11.053.030._

VAC

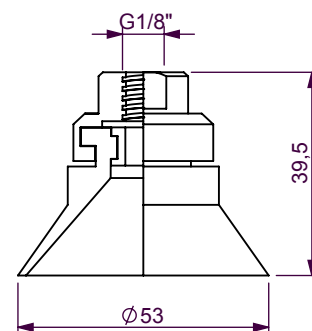
Fitting

Komplett
Complete

Art. 10.053.128._



Art. 130.137



Art. 11.053.027._

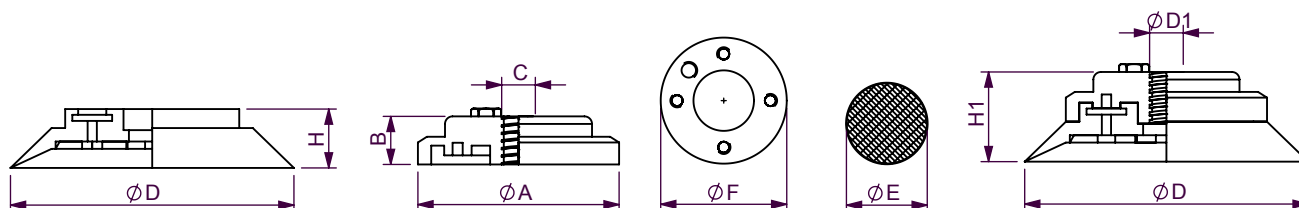

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

 Weitere Materialien auf Anfrage
 Further materials on request

01=NBR, 02=S (Silikon/ silicone) 05=PU (Polyurethan/ polyurethane)

VAC

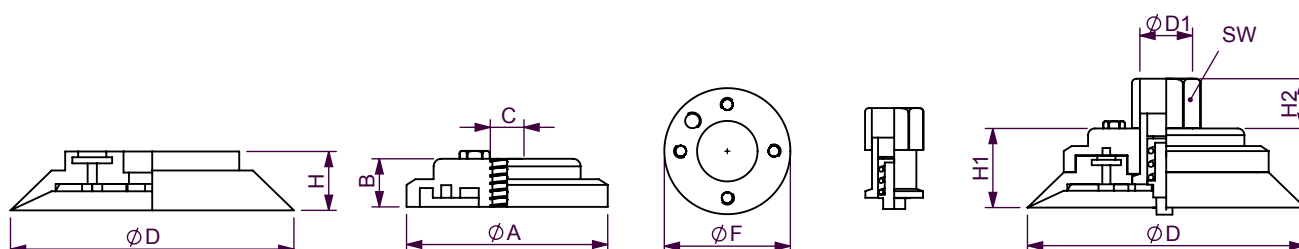
Fitting

Komplett
Complete

VAC Art.			Fitting Art.	Komplett Complete Art.
10.075.117._	2.0 mm	24 g	130.138	11.075.009._
10.110.118._	5.0 mm	74 g	130.139	11.110.010._
10.150.119._	5.0 mm	199 g	130.140	11.150.011._

VAC

Fitting

Tastventil
Plunger valveKomplett
Complete

VAC Art.	Fitting Art.	Tastventil Plunger valve Art.	Komplett Complete Art.
10.075.117._	130.138A	135.206	10.075.009._TV
10.110.118._	130.139A	135.206	10.110.010._TV
10.150.119._	130.140A	135.207	10.150.011._TV

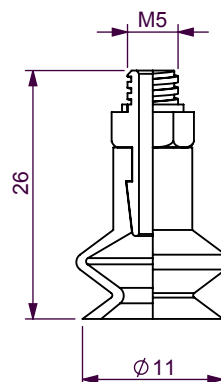
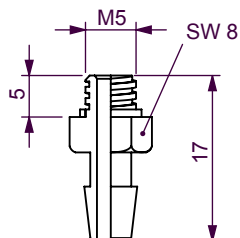
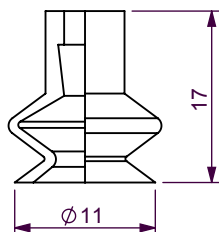
Vakuumsauger / Vacuum cups						Fitting					
VAC Art.	Ø D	Ø D1	H	H1	H2	Ø A	B	C	Ø E	Ø F	SW
10.075.117._	75	G1/8"	14	20	17	60	12	G1/8"	15	50	14
10.110.118._	110	G1/2"	19	26	32	85	13	G1/2"	30	74	30
10.150.119._	150	G1/2"	25	32	32	120	14	G1/2"	30	100	30

Abmessungen in mm / Dimensions in mm

Material 01=NBR, 02=S (Silikon/silicone)

Weitere Materialien auf Anfrage
Further materials on request

I



Art. 210.011.001._

Art. 130.134

Art. 212.011.011._



5.0 mm

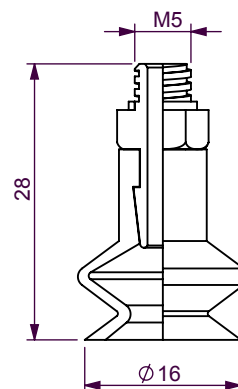
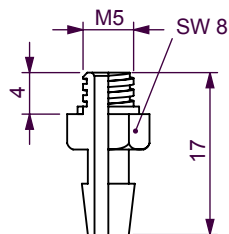
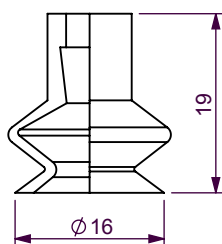


1,0 g

Material NBR, S, PUR

Weitere Materialien auf Anfrage
 Further materials on request

II



Art. 210.016.030._

Art. 130.134

Art. 212.016.012._



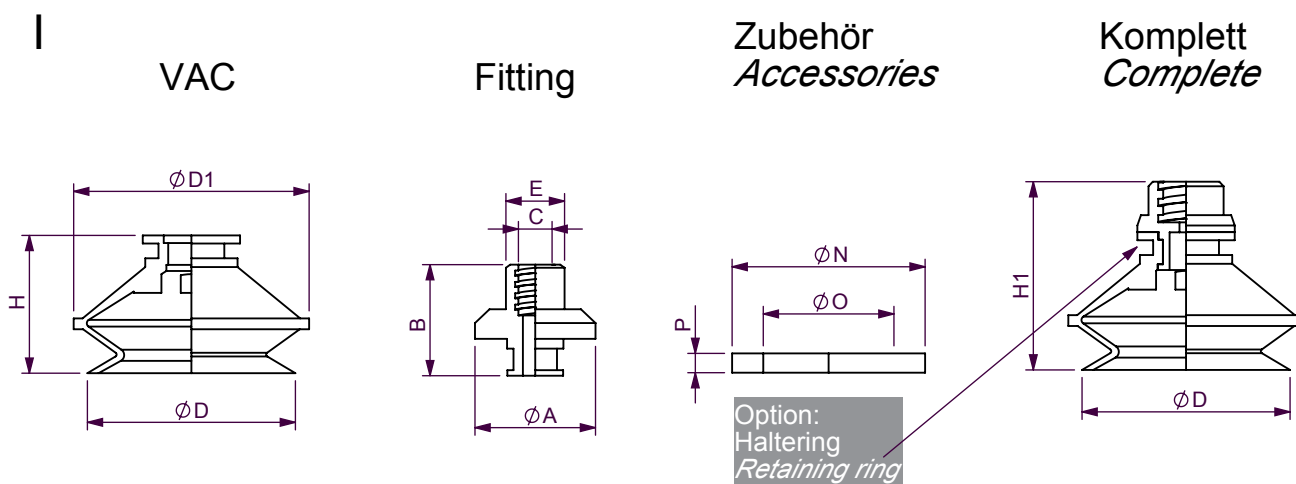
7,0 mm



1,4 g

Material S, PUR, CR

Weitere Materialien auf Anfrage
 Further materials on request



VAC Art.			Fitting Art.	Haltering Retaining ring Art.	Komplett Complete Art.
210.020.031._	9.0 mm	2.5 g	130.250	HR.011	211.020.010._
210.033.019._	9.0 mm	6.5 g	130.250	HR.011	211.033.011._
210.042.020._	9.0 mm	10.0 g	130.251	HR.012	211.042.012._
210.052.032._	12.0 mm	22.0 g	130.252	HR.013	211.052.013._

Vakuumsauger Vacuum cups					Fitting				Haltering Retaining ring		
VAC Art.	Ø D	Ø D1	H	H1	Ø A	B	C	Ø E	Ø N	Ø O	P
210.020.031._	21.5	24	20	28.5	16	14.5	M5	G1/8"	14	9.7	1.8
210.033.019._	33	36	26	33.5	16	14.5	M5	G1/8"	14	9.7	1.8
210.042.020._	42	46	28	36.0	21	15	G1/8"	Ø 15	20	13	2.5
210.052.032._	52	58	35	44.0	28	18	G1/8"	Ø 15	26	19	3.2

Abmessungen in mm / Dimensions in mm

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

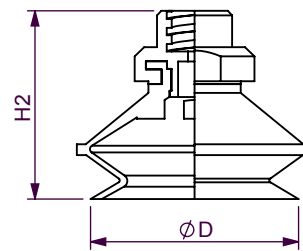
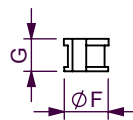
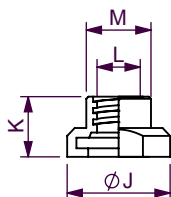
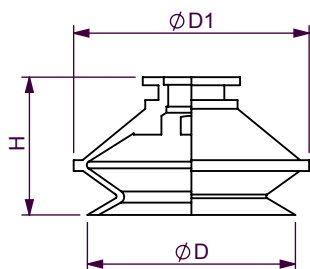
 Weitere Materialien auf Anfrage
 Further materials on request

Material 01=NBR, 02=S (Silikon/*silicone*), 04= CR (Chloropren/*chloroprene*), 05=PU (Polyurethan/*polyurethane*)

II

VAC

Fitting

Komplett
Complete

VAC Art.			Fitting Art.	Komplett Complete Art.
210.020.031._	9.0 mm	2.5 g	130.135	211.020.002._
210.033.019._	9.0 mm	6.5 g	130.135	211.033.003._
210.042.020._	9.0 mm	10.0 g	130.136	211.042.004._
210.052.032._	12.0 mm	22.0 g	130.137	211.052.005._

Vakuumsauger Vacuum cups					Fitting						
VAC Art.	Ø D	Ø D1	H	H2	Ø F	G	□ H	Ø J	K	L	M
210.020.031._	21.5	24	20	26.5	7	5	11	18	11	M5	G1/8"
210.033.019._	33	36	26	34.5	7	5	11	18	11	M5	G1/8"
210.042.020._	42	46	28	35.0	10	7	15	23	13	G1/8"	---
210.052.032._	52	58	35	43.0	14	9	21	32	15	G1/8"	---

Abmessungen in mm / Dimensions in mm

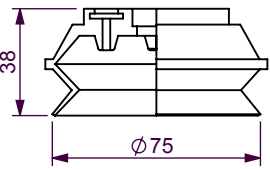
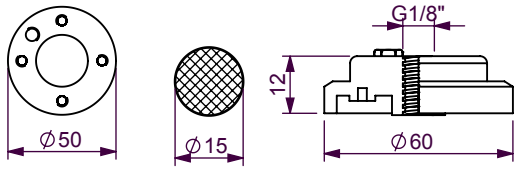
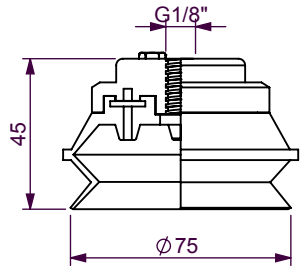
Art. bei Bestellung mit angegebenem Material ergänzen

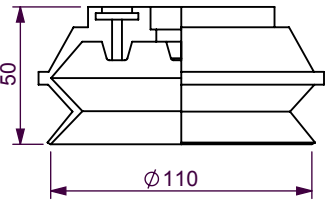
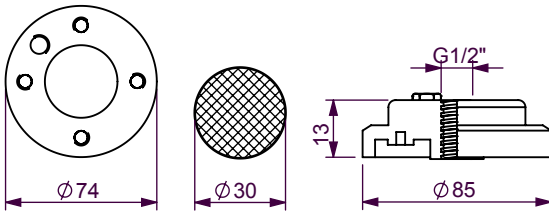
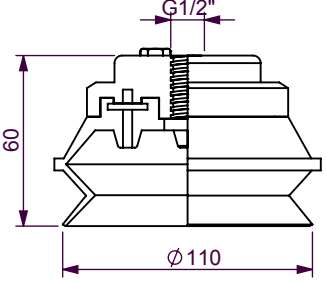
When ordering add indicated material

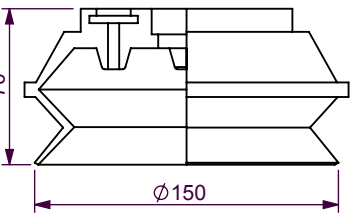
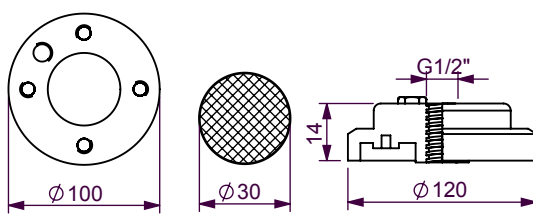
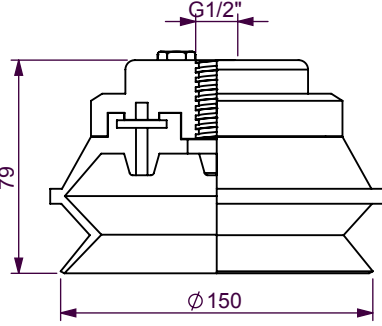
Material 01=NBR, 02=S (Silikon/silicone), 04= CR (Chloropren/chloroprene), 05=PU (Polyurethan/polyurethane)

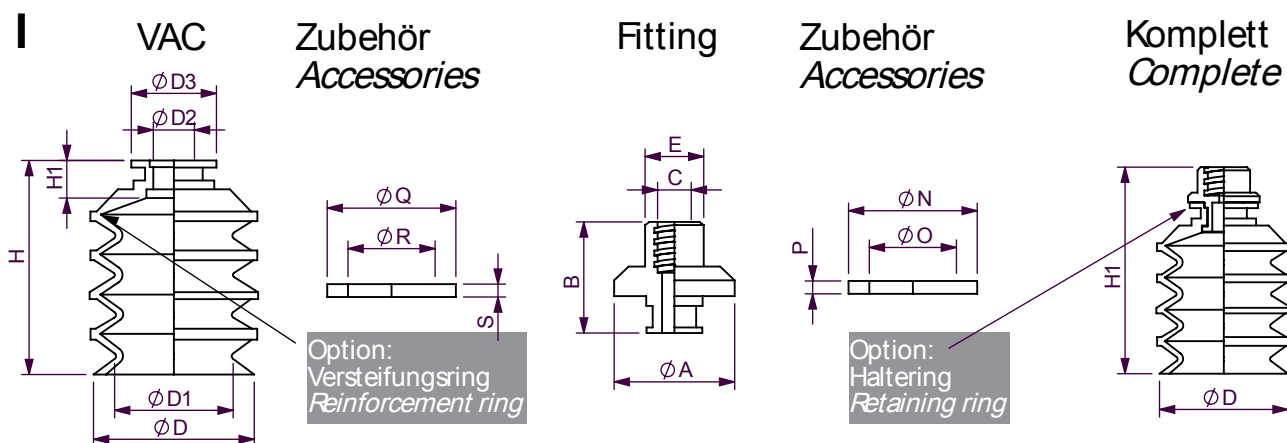
Weitere Materialien auf Anfrage

Further materials on request

I	Fitting	Komplett Complete
VAC  38 Ø75	 Ø50 Ø15 12 G1/8" Ø60	 G1/8" 45 Ø75
Art. 210.075.033._	Art. 130.138	Art. 211.075.006._
 22,0 mm	 45 g	 113 g
Material NBR, S		

II	Fitting	Komplett Complete
VAC  50 Ø110	 Ø74 Ø30 13 G1/2" Ø85	 G1/2" 60 Ø110
Art. 210.110.034._	Art. 130.139	Art. 211.110.007._
 35,0 mm	 110 g	 260 g
Material NBR, S		

III	Fitting	Komplett Complete
VAC  70 Ø150	 Ø100 Ø30 14 G1/2" Ø120	 G1/2" 79 Ø150
Art. 210.150.035._	Art. 130.140	Art. 211.150.008._
 40,0	 293 g	 580 g
Material NBR, S, PUR		



VAC Art.			Versteifungsring Reinforcement ring	Fitting Art.	Haltering Retaining ring	Komplett Complete Art.
240.020.002._	16 mm	2.0 g	VR.000	130.250	HR.011	241.020.005._
240.030.003._	21 mm	6.0 g	VR.001	130.251	HR.012	241.030.006._
240.040.004._	20 mm	15.0 g	VR.002	130.251	HR.012	241.040.007._
240.050.005._	25 mm	25.0 g	VR.003	130.252	HR.013	241.050.008._

Vakuumsauger / Vacuum cups								Fitting			
VAC Art.	Ø D	Ø D1	Ø D2	Ø D3	H	H1	H2	Ø A	B	C	E
240.020.002._	20	14	5.0	14.5	23	5	32	16	14.5	M5	G1/8"
240.030.003._	30	21	6.5	20	32	7	40	21	15	G1/8"	Ø15
240.040.004._	40	28	6.5	20	42	7	50	21	15	G1/8"	Ø15
240.050.005._	50	35	10.5	27	52	10	61	28	18	G1/8"	Ø15

Versteifungsring / Reinforcement ring				Haltering / Retaining ring			
Art.	Q	R	S	Art.	N	O	P
VR.000	17.5	13.5	1.0	HR.011	14	9.7	1.8
VR.001	26.5	22	1.1	HR.012	20	13	2.5
VR.002	35.5	30	1.2	HR.012	20	13	2.5
VR.003	45.5	36	1.5	HR.013	26	19	3.2

Abmessungen in mm / Dimensions in mm

Art. bei Bestellung mit angegebenem Material ergänzen

When ordering add indicated material

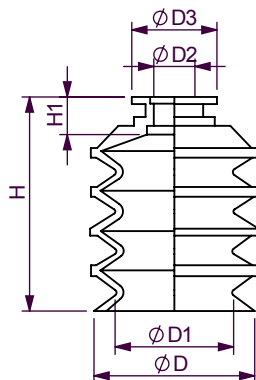
Material 02=S (Silikon/silicone), 04=CR (Chloropren/chloroprene)

Weitere Materialien auf Anfrage

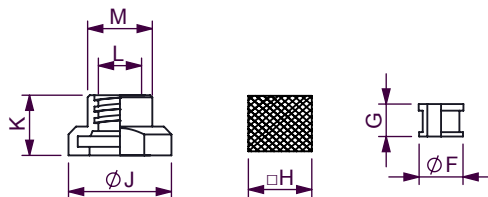
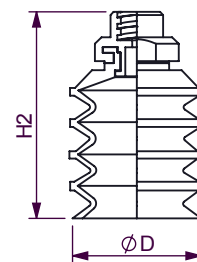
Further materials on request

II

VAC



Fitting

Komplett
Complete

VAC Art.			Fitting Art.	Komplett Complete Art.
240.020.002._	16 mm	2.0 g	130.135	241.020.001._
240.030.003._	21 mm	6.0 g	130.136	241.030.002._
240.040.004._	20 mm	15.0 g	130.136	241.040.003._
240.050.005._	25 mm	25.0 g	130.137	241.050.004._

Vakuumsauger / Vacuum cups								Fitting						
VAC Art.	Ø D	Ø D1	Ø D2	Ø D3	H	H1	H2	Ø F	G	□ H	Ø J	K	L	M
240.020.002._	20	14	5.0	14.5	23	5	30	7	5	11	18	11	M5	G1/8“
240.030.003._	30	21	6.5	20	32	7	40	10	7	15	23	13	M5	---
240.040.004._	40	28	6.5	20	42	7	50	10	7	15	23	13	G1/8“	---
240.050.005._	50	35	10.5	27	52	10	61	14	9	21	32	15	G1/8“	---

Abmessungen in mm / Dimensions in mm

Art. bei Bestellung mit angegebenem Material ergänzen

When ordering add indicated material

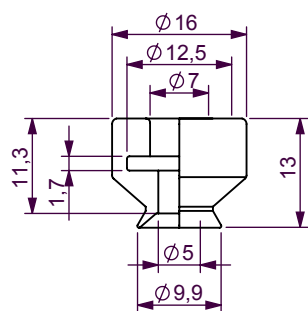
Material 02=S (Silikon/silicone), 04=CR (Chloropren/chloroprene)

Weitere Materialien auf Anfrage

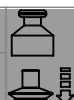
Further materials on request

Flachsauger Ø10 – Ø40 mm VAC Reihe "M"

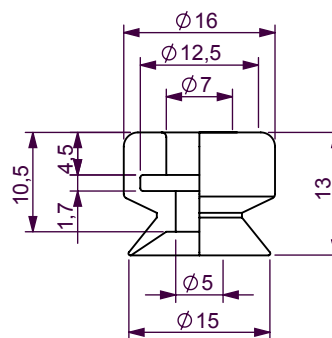
für Maschinen in der Bedruckungstechnik, Verpackungs u. Kunststoffindustrie

| Flat vacuum cups Ø10 – Ø40 mm VAC Line "M"
For machines in the printing technology, packaging and plastic industry

Art. 10.010.584._

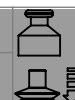
1,7 g

S(tr)


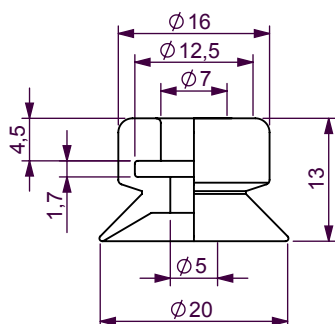
1,5 mm


Art. 10.015.585._

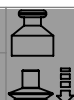
1,9 g

S(tr)


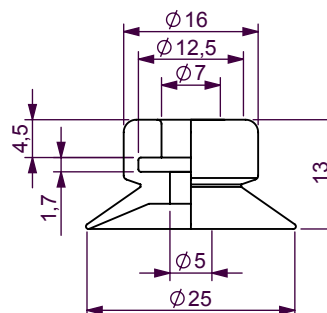
3,5 mm


Art. 10.020.586._

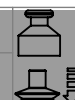
2,0 g

S (tr)


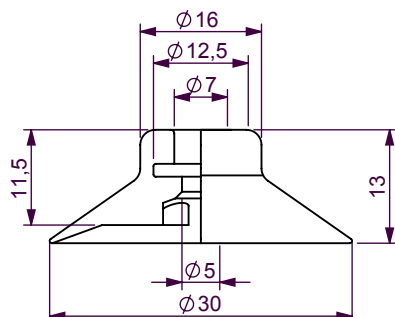
3,5 mm


Art. 10.025.587._

2,2 g

NBR (sw)


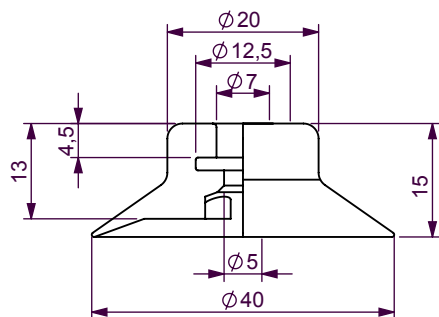
3,0 mm


Art. 10.030.590._

3,0 g

NBR (sw), S (tr)


1,5 mm



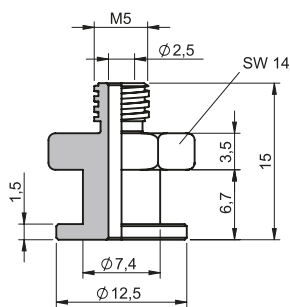
Art. 10.040.591._

NBR (sw), S (tr)

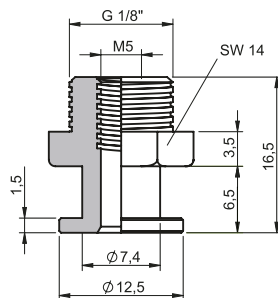


5,9 g

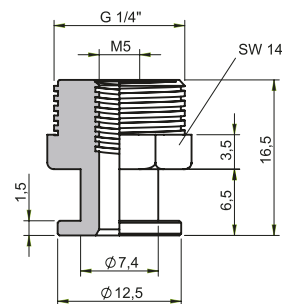
2,0 mm



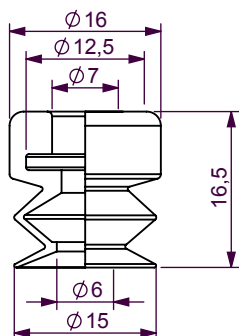
Art. 130.604



Art. 130.605

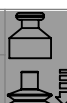


Art. 130.606



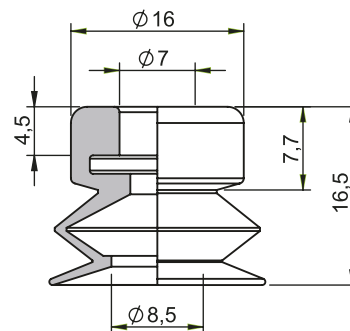
Art . 210.015.143._

NBR (sw), S (tr), S-AS (sw), PU (bl), FKM (gr)



1,8 gr

6,5 mm



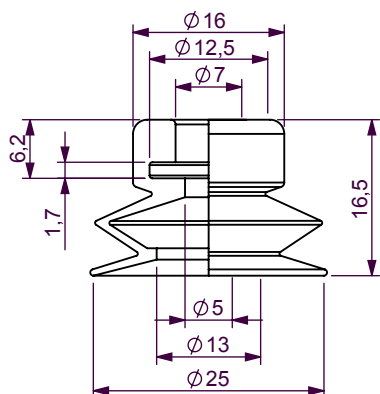
Art . 210.020.185._

S (tr)



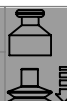
1,9 gr

6,0 mm



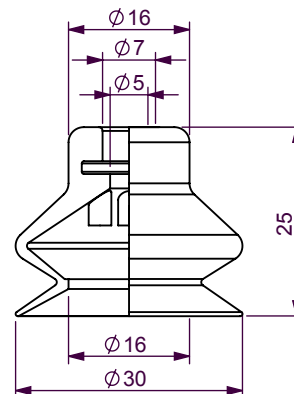
Art . 210.025.144._

S (tr)



2,5 gr

5,5 mm



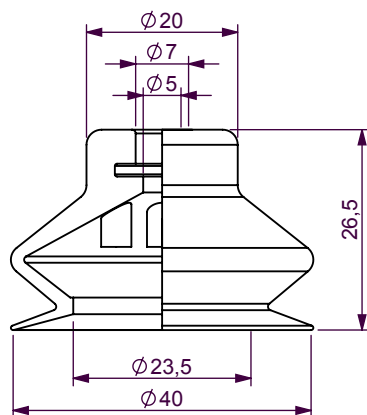
Art . 210.030.146._

S (tr)



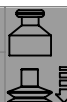
5,2 gr

10,0 mm



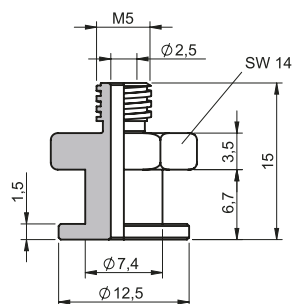
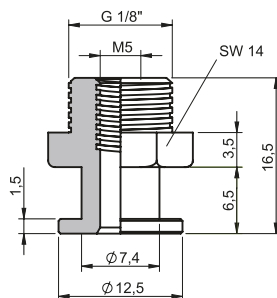
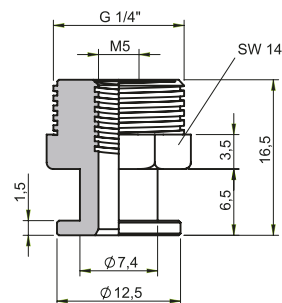
Art . 210.040.147._

S (tr)

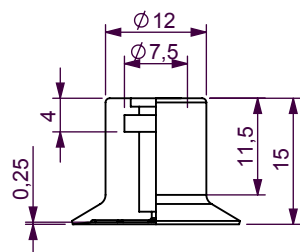
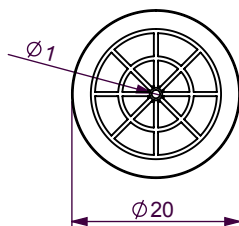


15,0 gr

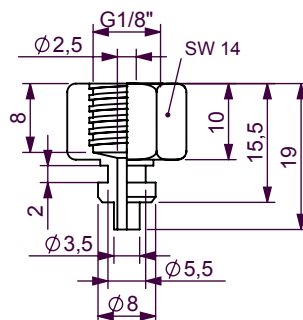
9,0 mm


Art. 130.604

Art. 130.605

Art. 130.606

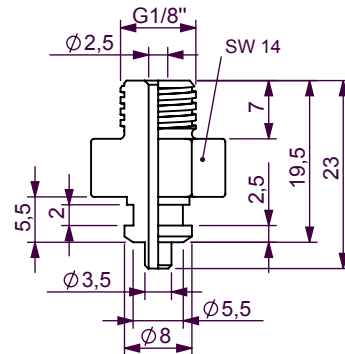
Solarzellen (Dicke < 0,2 mm), Siliziumscheiben, Halbleiter, Dünnstglas, Folien, usw.
 Solar cells (thickness < 0,2 mm), silicium wafer, semiconductor, thinnest glass, foils, etc.



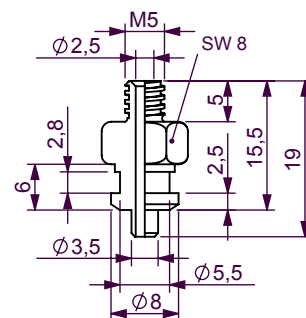
Art. 10.020.626._



Art. 130.086



Art. 130.085

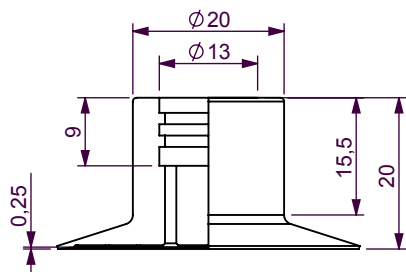
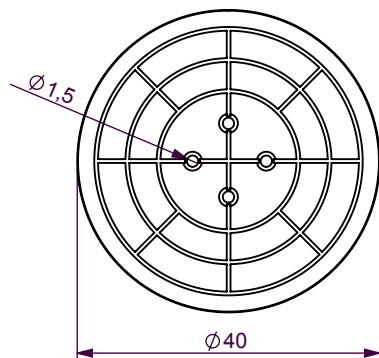


Art. 130.037

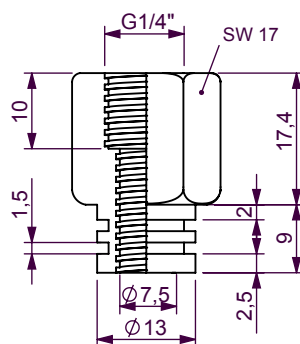
Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material Naturgummi 40° shore / Natural rubber 40° shore

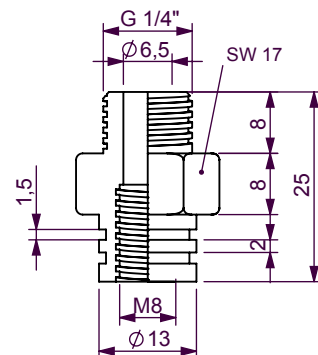
Weitere Materialien auf Anfrage
 Further materials on request



Art. 10.040.627._



Art. 130.098

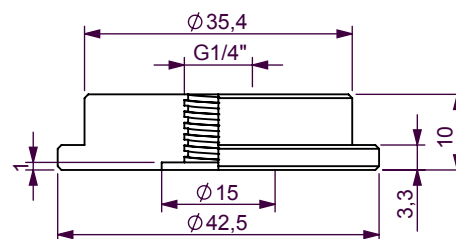
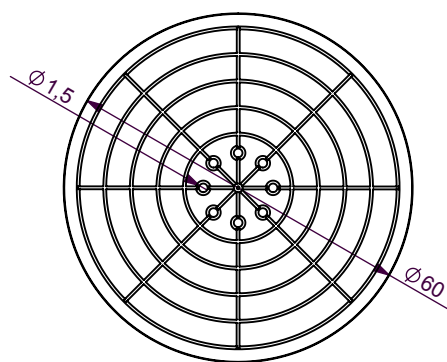
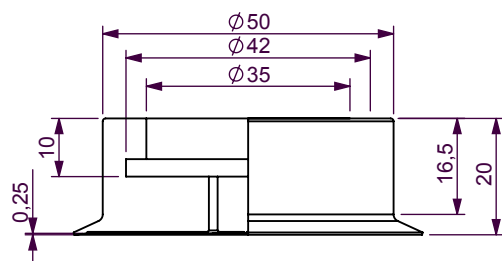


Art. 130.097

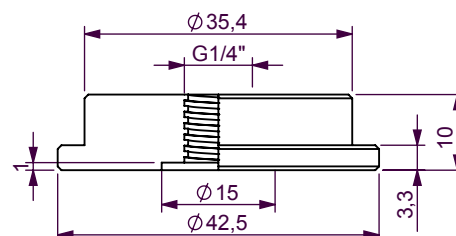
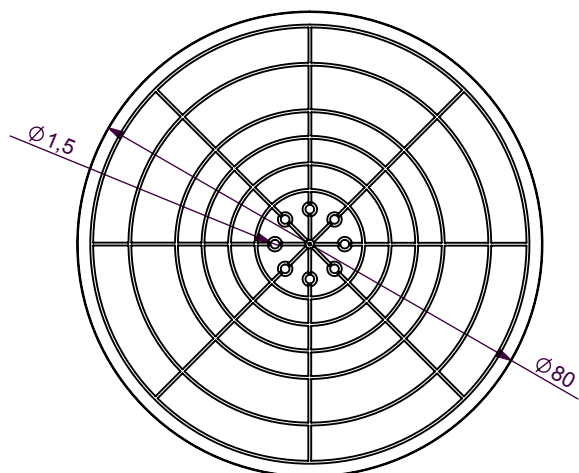
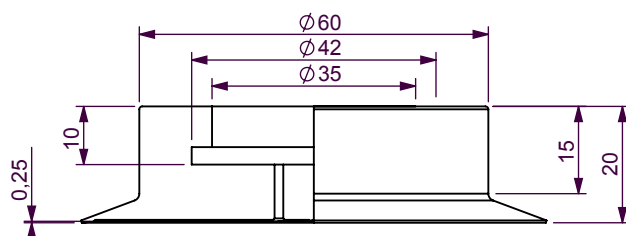
*Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material Naturgummi 40° shore / Natural rubber 40° shore

*Weitere Materialien auf Anfrage
 Further materials on request

**Art. 130.528****Art. 10.060.628._**
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

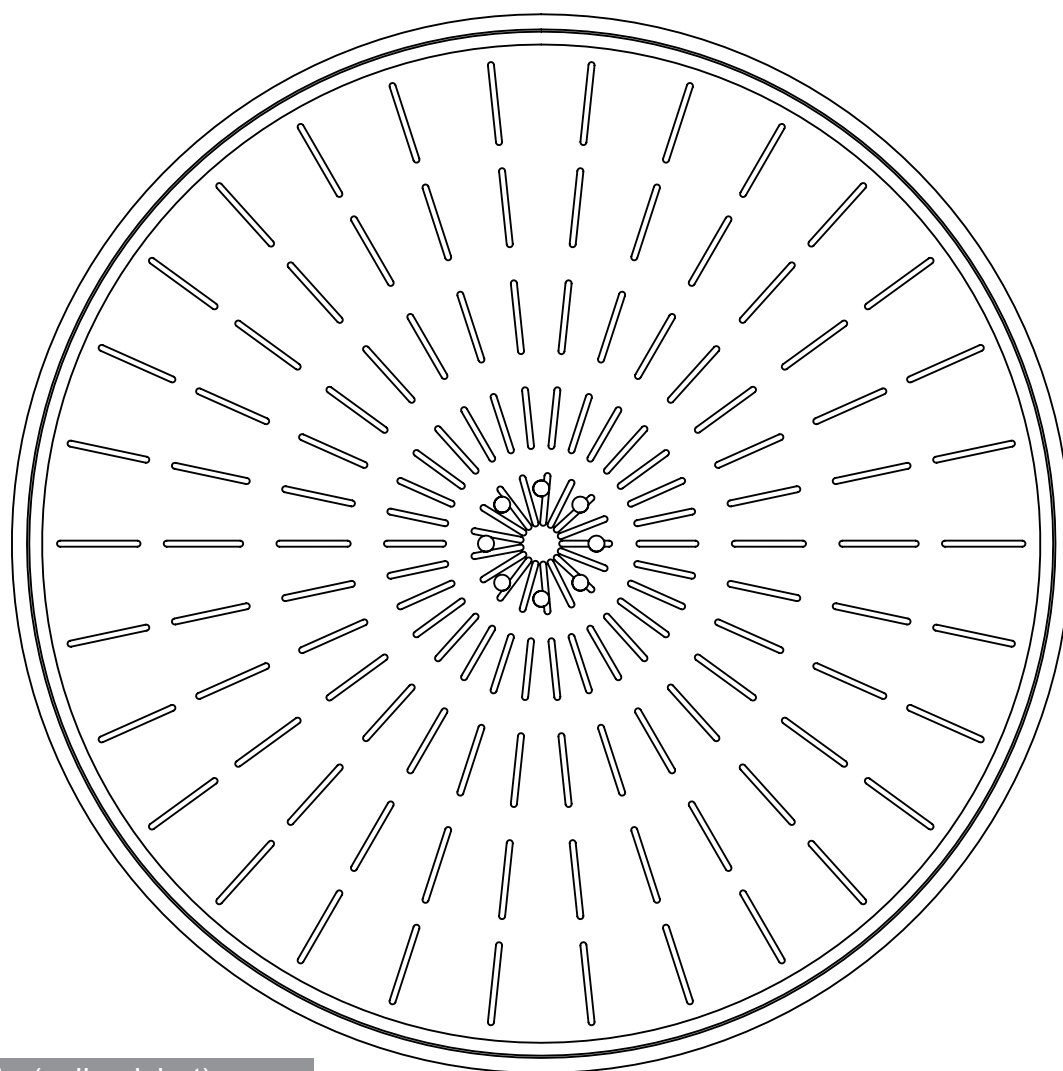
 Weitere Materialien auf Anfrage
 Further materials on request

Material Naturgummi 40° shore / Natural rubber 40° shore
**Art. 130.528****Art. 10.080.629._**
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

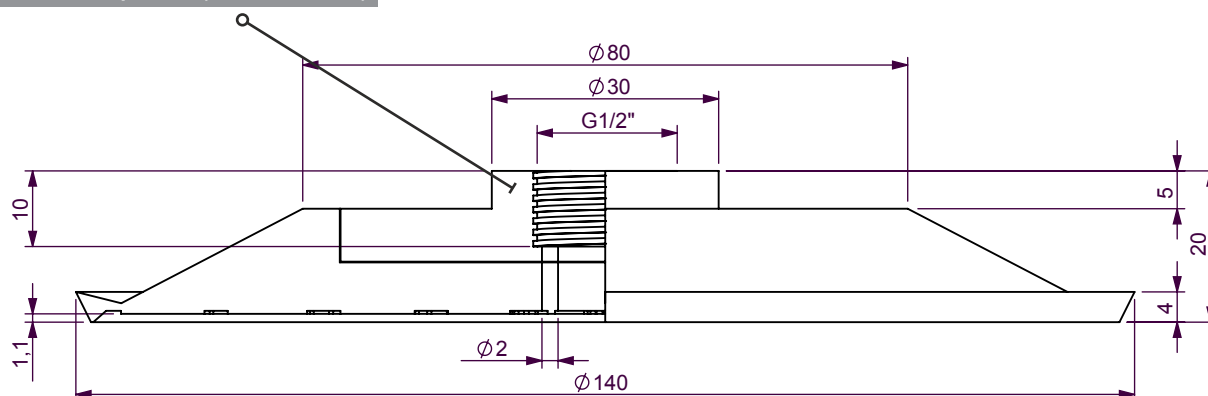
 Weitere Materialien auf Anfrage
 Further materials on request

Material Naturgummi 40° shore / Natural rubber 40° shore

Solarzellen (Dicke < 0,2 mm), Siliziumscheiben, Halbleiter, Dünnstglas, Folien, usw.
 Solar cells (thickness < 0,2 mm), silicon wafer, semiconductor, thinnest glass, foils, etc.



Aluplatte (vulkanisiert)
 Aluminium plate (vulcanised)

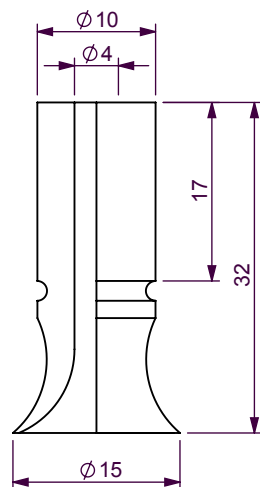
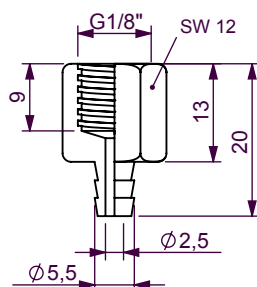
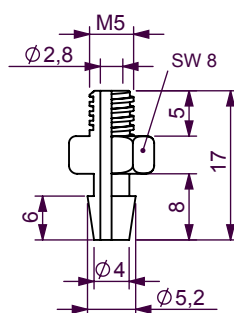
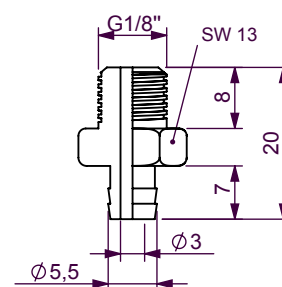
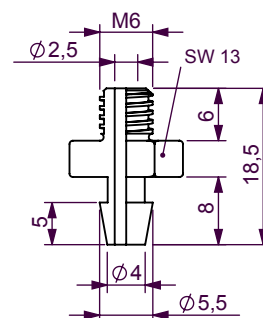


Art. 13.140.064._

Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Weitere Materialien auf Anfrage
 Further materials on request

Material Naturgummi 40° shore / Natural rubber 40° shore


Art. 10.015.114._

Art. 130.035

Art. 130.134

Art. 130.033

Art. 130.104

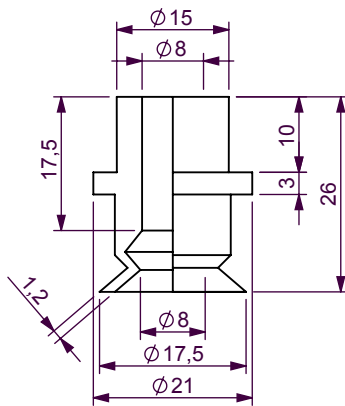
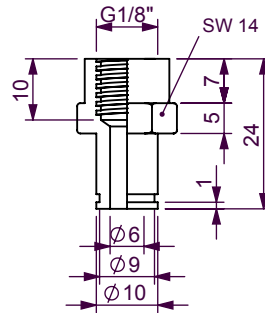
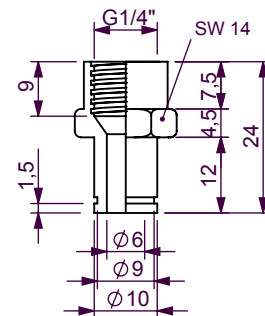
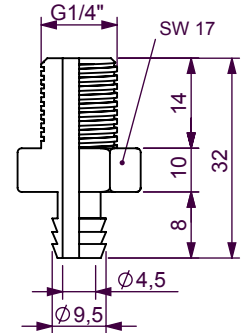
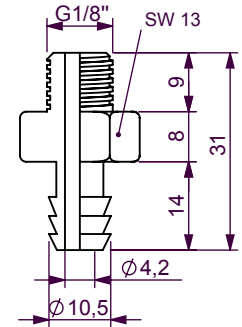
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material NR-Soft (br)


1.8 gr

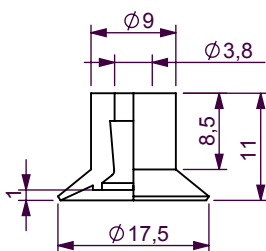
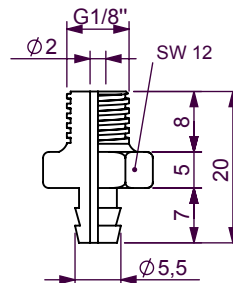
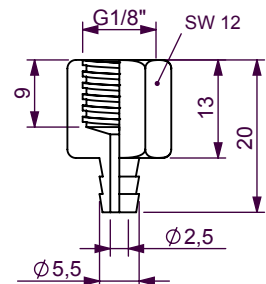
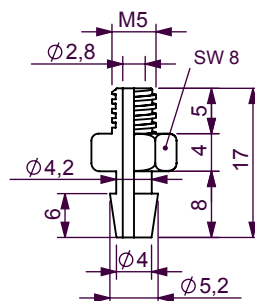
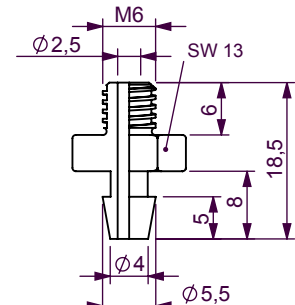
6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

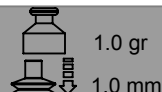

Art. 10.016.092._

Art. 130.114

Art. 130.178

Art. 130.043

Art. 130.132

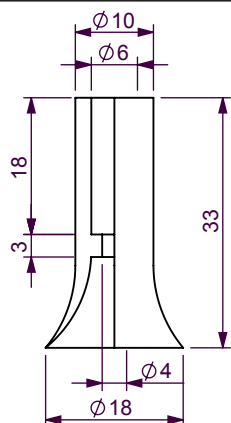
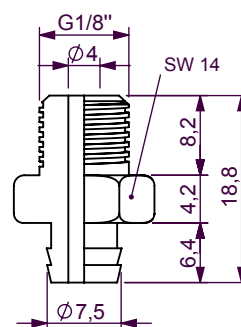
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S(tr)

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.017.255._

Art. 130.087

Art. 130.035

Art. 130.134

Art. 130.104

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material NR (sw)

 Weitere Materialien auf Anfrage
 Further materials on request

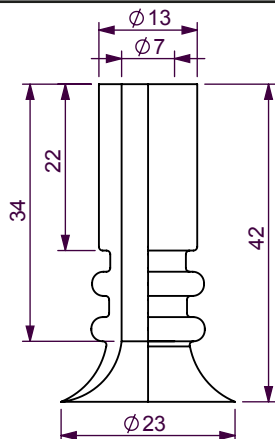

Art. 10.018.088._

Art. 130.238

 Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material
Material S(tr) 50 Shore


1.3 gr

0.0 mm

 Weitere Materialien auf Anfrage
Further materials on request


Art. 10.023.612._

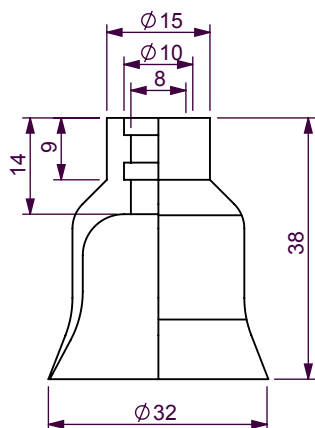
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr)


5.0 gr

1.5 mm

 Weitere Materialien auf Anfrage
 Further materials on request

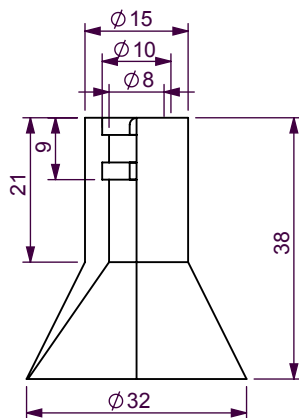

Art. 10.033.578._

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr)


6.0 gr

6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.033.579._

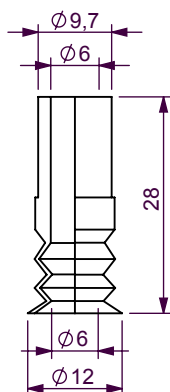
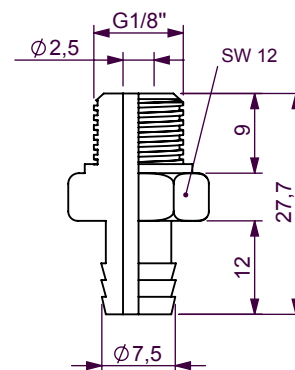
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr)


7.0 gr

0.0 mm

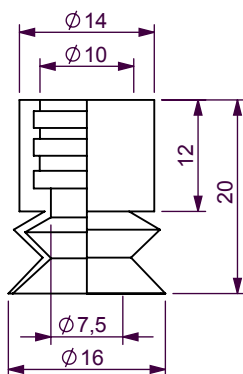
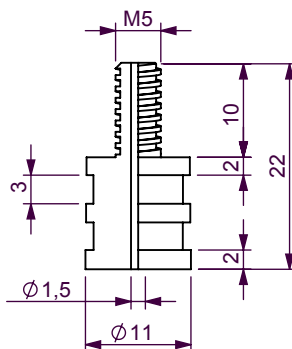
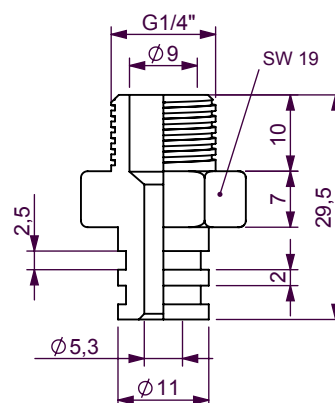
 Weitere Materialien auf Anfrage
 Further materials on request


Art. 220.012.024._

Art. 130.546

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr), S-soft (tr), NR-soft (bg)

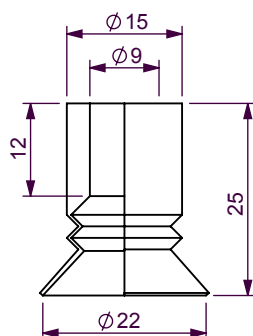
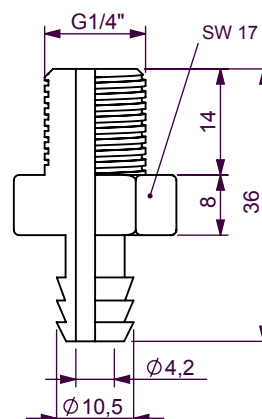
 1.2 gr
 6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 210.016.063._

Art. 130.244

Art. 130.193

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr), S (r)

 1.6 gr
 6.0 mm

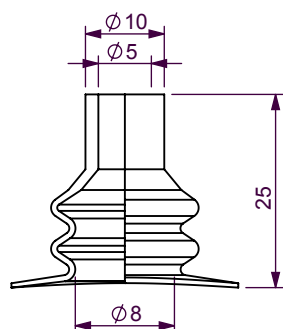
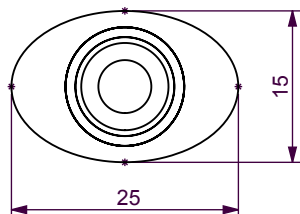
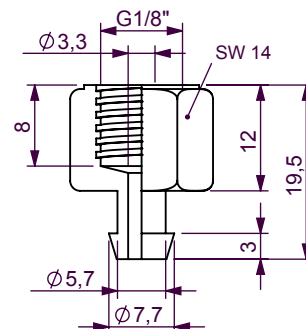
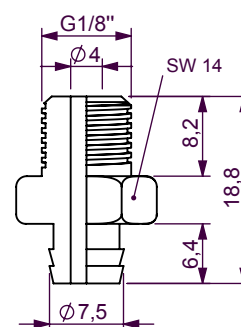
 Weitere Materialien auf Anfrage
 Further materials on request

Art. 210.022.142._

Art. 130.208

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr), S-soft (tr), NR (sw)

 2.0 gr
 8.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request


Art. 40.025015.010._

Art. 130.109

Art. 130.238

Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S-soft (tr)

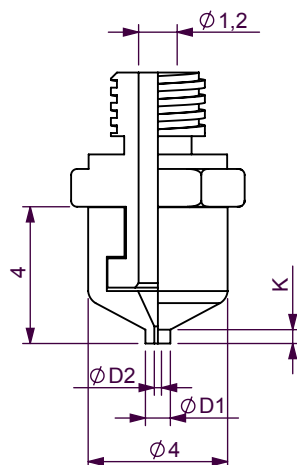


2.7 gr

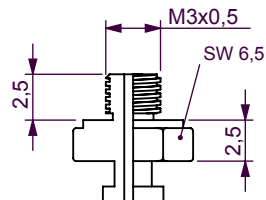
10.0 mm

Weitere Materialien auf Anfrage
 Further materials on request

TYP A



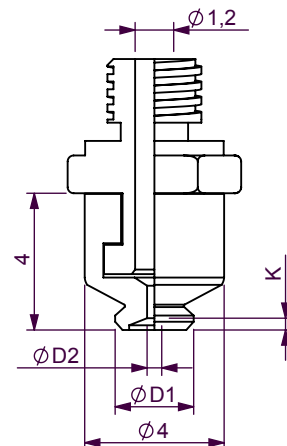
Standard-Fitting



Art. 130.523

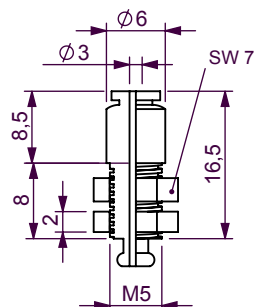
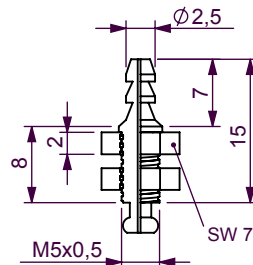
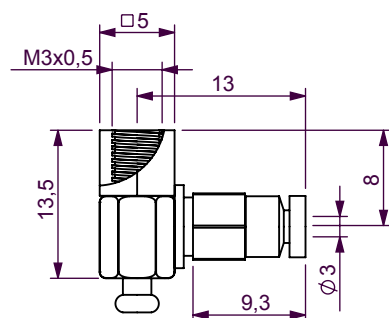
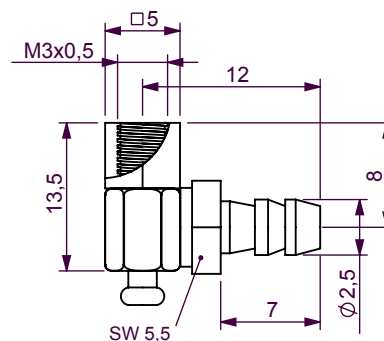


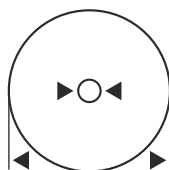
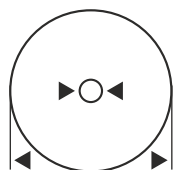
TYP B



TYP	Art.	Ø D1	Ø D2	K		Material	Verpackungseinheit Packaging unit
A	10.001.631._	0.7	0.2	0.4	1g	NBR (schwarz)	10 Stück 10 pieces
A	10.001.632._	1	0.4	0.4	1g	Silikon (transparent)	
A	10.002.633._	1.5	0.7	0.4	1g	Silikon antistatisch (schwarz)	
B	10.002.634._	2	0.6	0.2	1g	Nitrile rubber (black)	
B	10.003.635._	3	0.8	0.4	1g	Silicone (transparent)	
B	10.004.636._	4	1.2	0.6	1g	Silicone antistatic (black)	

Abmessungen in mm / Dimensions in mm • Material Fitting: Messing vernickelt / Brass nickel-plated

Art. 133.000  2g
 Schlauch: Ø 3x2 UBT0320 Polyurethan
 Hose: Ø 3x2 UBT0320 Polyurethane
Art. 133.002  1,5g
 Schlauch: Ø 4x2,5 UBT0425 Polyurethan
 Hose: Ø 4x2,5 UBT0425 Polyurethane
Art. 133.001  2g
 Schlauch: Ø 3x2 UBT0320 Polyurethan
 Hose: Ø 3x2 UBT0320 Polyurethane
Art. 133.003  1,5g
 Schlauch: Ø 4x2,5 UBT0425 Polyurethan
 Hose: Ø 4x2,5 UBT0425 Polyurethane



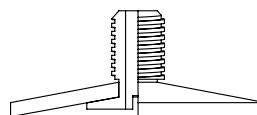
Art.	◀ Ø ▶ mm	▶ Ø ◀ mm	Art.	◀ Ø ▶ mm	▶ Ø ◀ mm
D.13.001.*	12,7	1,6	D.32.025.*	31,8	4,8
D.16.003.*	15,9	1,6	D.32.026.*	31,8	9,5
D.16.007.*	15,9	3,2	D.32.027.*	31,8	12,7
D.17.002.*	17,5	3,2	D.32.028.*	31,8	14,3
D.19.004.*	19,1	6,4	D.32.046.*	31,8	6,4
D.19.005.*	19,1	1,6	D.32.047.*	31,8	11,1
D.19.011.*	19,1	4,8	D.35.029.*	34,9	9,5
D.21.006.*	20,6	4,8	D.35.031.*	34,9	14,3
D.22.008.*	22,2	4,8	D.38.032.*	38,1	9,5
D.22.012.*	22,2	6,4	D.38.033.*	38,1	12,7
D.24.010.*	23,8	9,5	D.38.034.*	38,1	14,3
D.25.013.*	25,4	4,8	D.38.035.*	38,1	15,9
D.25.014.*	25,4	6,4	D.38.045.*	38,1	11,1
D.25.015.*	25,4	9,5	D.41.036.*	41,3	9,5
D.27.016.*	27,0	3,2	D.41.037.*	41,3	12,7
D.27.018.*	27,0	9,5	D.41.038.*	41,3	14,3
D.29.019.*	28,6	6,4	D.41.039.*	41,3	15,9
D.29.020.*	28,6	12,7	D.44.040.*	44,5	7,9
D.29.021.*	28,6	14,3	D.44.041.*	44,5	12,7
D.30.022.*	30,2	9,5	D.44.042.*	44,5	14,3
D.30.023.*	30,2	12,7	D.44.043.*	44,5	15,9
D.30.024.*	30,2	14,3	D.50.044.*	50,8	12,7

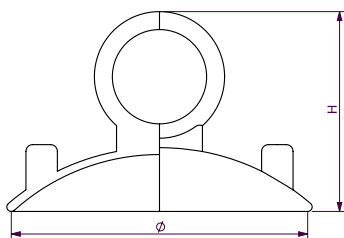
Verpackungseinheit 100 Stück / Packing unit 100 pc

Material <i>Material</i>	Dicke <i>Thickness</i> mm	Farbe <i>Color</i>	Endziffer <i>Last Digit</i> *
NR	0,5	weiß <i>white</i>	1
NR	0,8	rosa <i>pink</i>	2
NR	1,0	beige <i>beige</i>	3
NR	1,6	weiß <i>white</i>	4
NR	2,0	grün <i>green</i>	5
PU	0,8	transparent	6

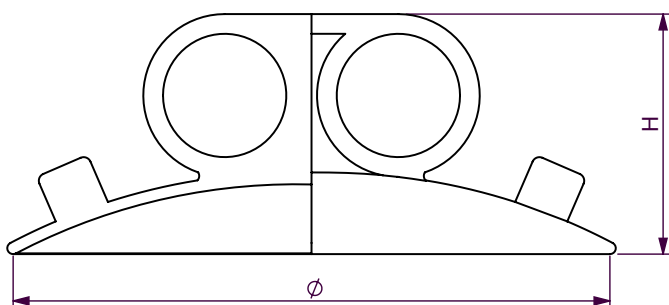

 Weitere Größen und Materialien
 auf Anfrage
*Other dimensions and materials
 on request*

Dicke / Thickness





Art.	Ø mm	H mm	Material	Gewicht Weight	Abreisskraft Lifting force
HG.054.V	54	41	Vinyl	18 g	15 kg
HG.066.V	66	45	Vinyl	23 g	20 kg



Art.	Ø mm	H mm	Material	Gewicht Weight	Abreisskraft Lifting force
HG.082.V	82	41	Vinyl	35 g	22 kg
HG.121.V	121	61	Vinyl	132 g	28 kg
HG.115.01	115	64	NBR	120 g	25 kg
HG.115.03	115	64	NR	120 g	25 kg

Einsatzbereiche

- Glas
- Holz
- Kunststoff
- Blech
- Keramik

Vorteile

- Keine Vakuumquelle erforderlich
- Starke Haltekraft
- Einfache Handhabung
- Mit Entriegelungsöse
- 5 Größen lieferbar

Operating ranges

- Glass
- Wood
- Plastics
- Metal sheet
- Ceramic

Advantages

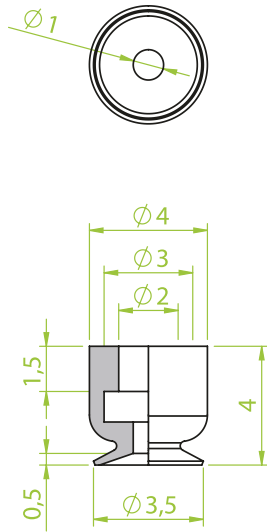
- No vacuum pump required
- Strong holding capacity
- Easy to use
- With release button
- Available in 5 different sizes

Flachsauger | Flat cups

Ø 3 mm

Art.: 10.003.040._

Gewicht | Weight 0.1 gr
Hub | Stroke 0.5 mm

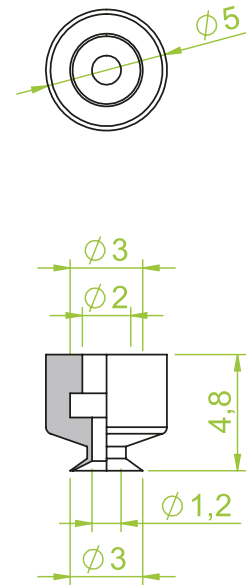


Flachsauger | Flat cups

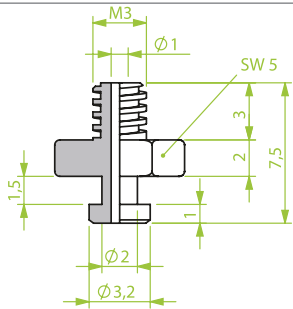
Ø 3mm

Art.: 10.003.691._

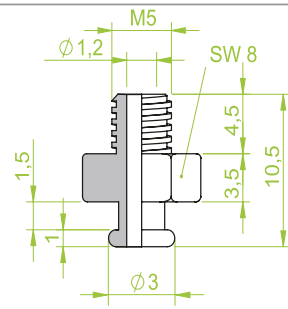
Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm



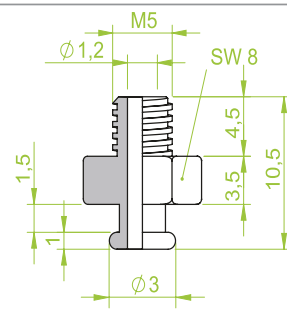
Art.: 130.014 M 3 AG



Art.: 130.300 M 5 AG



Art.: 130.300 M 5 AG



Art.: 130.

Flachsauger | Flat cups

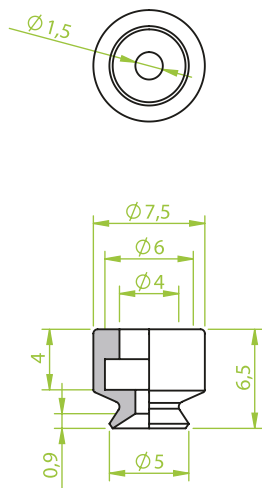
Ø 5 mm

Flachsauger | Flat cups

Ø 6 mm

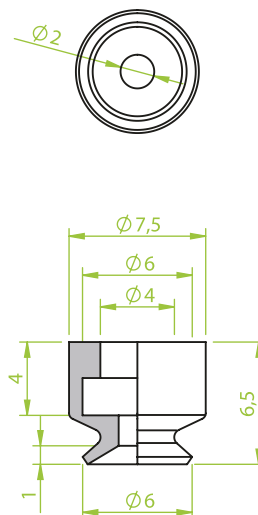
Art.: 10.005.131_

Gewicht | Weight 0.1 gr
Hub | Stroke 0.9 mm

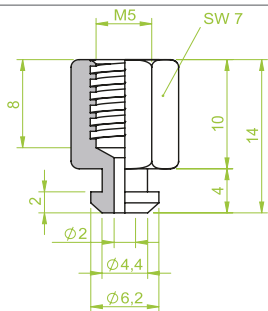


Art.: 10.006.021_

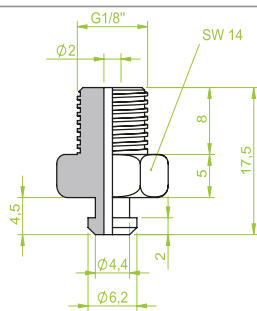
Gewicht | Weight 0.1 gr
Hub | Stroke 1.0 mm



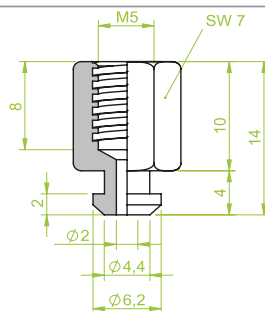
Art.: 130.005 M 5 IG



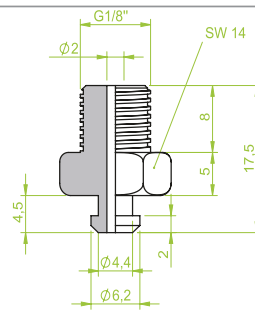
Art.: 130.009 G1/8" AG



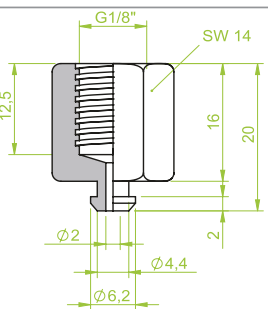
Art.: 130.005 M 5 IG



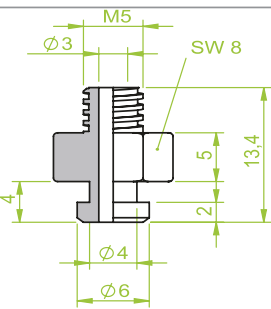
Art.: 130.009 G1/8" AG



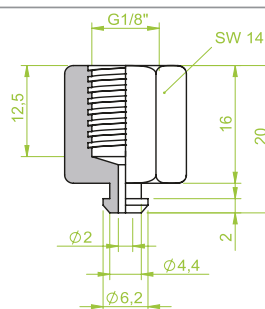
Art.: 130.007 G 1/8" IG



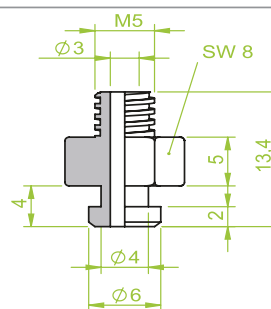
Art.: 130.010 M 5 AG



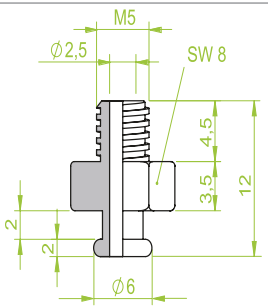
Art.: 130.007 G 1/8" IG



Art.: 130.010 M 5 AG



Art.: 130.301 M 5 AG

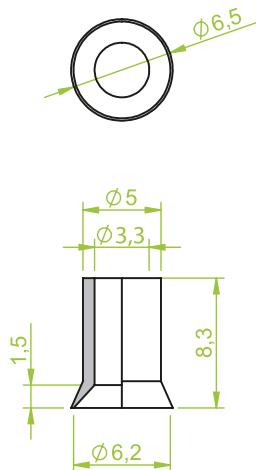


Flachsauger | Flat cups

Ø 6 mm

Art.: 10.006.095_

Gewicht | Weight 0.1 gr
Hub | Stroke 1.0 mm

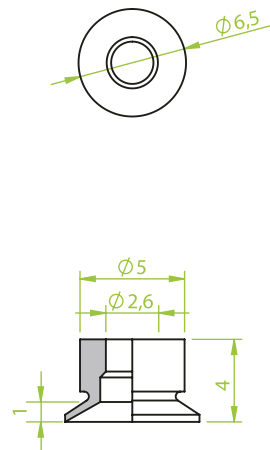


Flachsauger | Flat cups

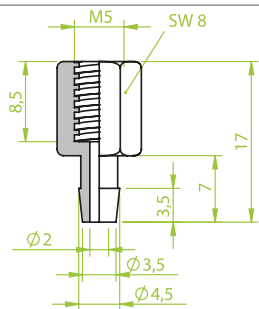
Ø 6 mm

Art.: 10.006.151_

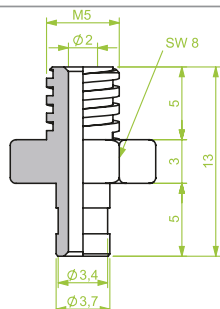
Gewicht | Weight 1.0 gr
Hub | Stroke 0.5 mm



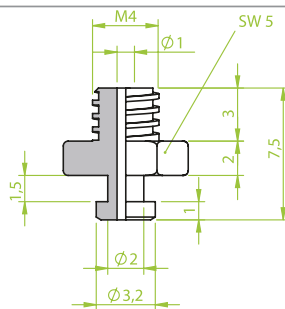
Art.: 130.347 - 1



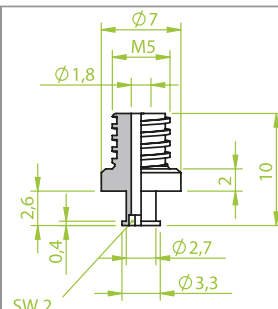
Art.: 130.613



Art.: 130.111 M 4 AG



Art.: 130.283 M 5 AG

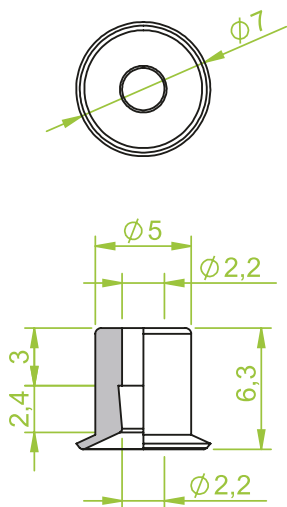


Flachsauger | Flat cups

Ø 7 mm

Art.: 10.007.035_

Gewicht | Weight 1.0 gr
Hub | Stroke 1.0 mm

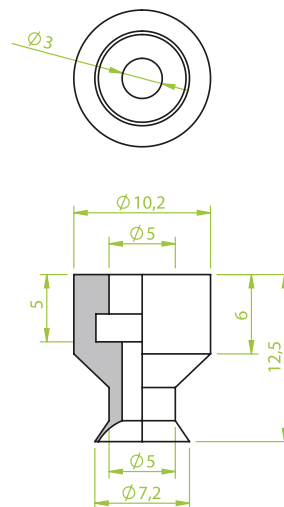


Flachsauger | Flat cups

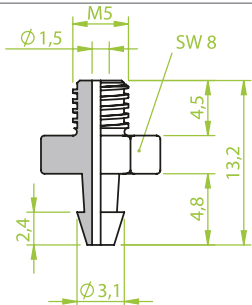
Ø 7 mm

Art.: 10.007.153_

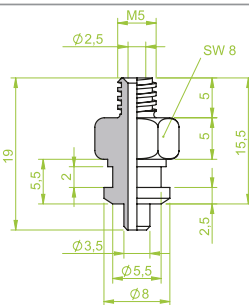
Gewicht | Weight 1.0 gr
Hub | Stroke 1.6 mm



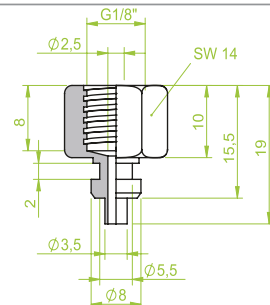
Art.: 130.591



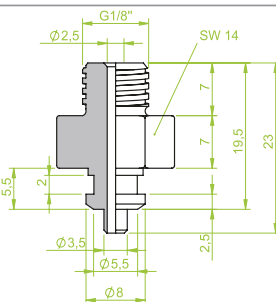
Art.: 130.037 M 5 AG



Art.: 130.086 G 1/8" IG



Art.: 130.085 G 1/8" AG

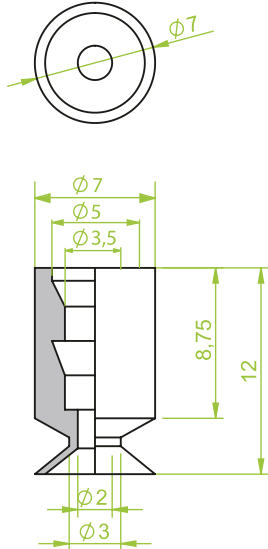


Flachsauger | Flat cups

Ø 7 mm

Art.: 10.007.638_

Gewicht | Weight 0.2 gr
Hub | Stroke 1.0 mm

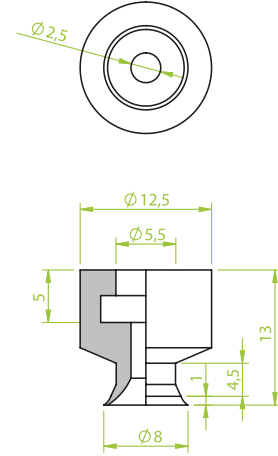


Flachsauger | Flat cups

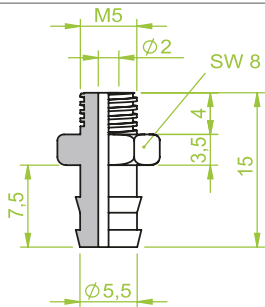
Ø 8 mm

Art.: 10.008.059_

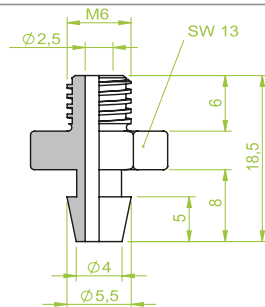
Gewicht | Weight 1.3 gr
Hub | Stroke 0.5 - 1.0 mm



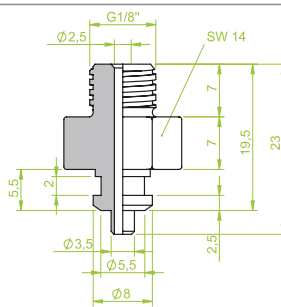
Art.: 130.024



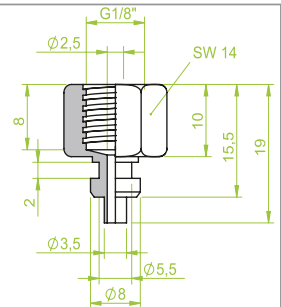
Art.: 130.104



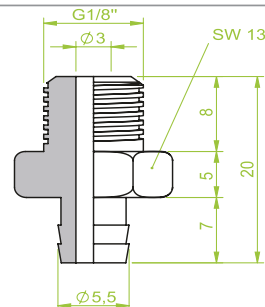
Art.: 130.085 G 1/8" AG



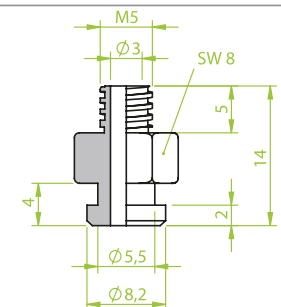
Art.: 130.086 G 1/8" IG



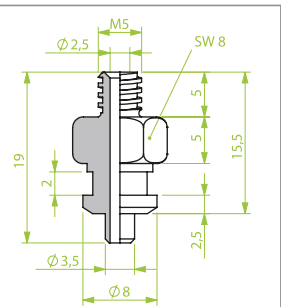
Art.: 130.033



Art.: 130.200 M 5 AG

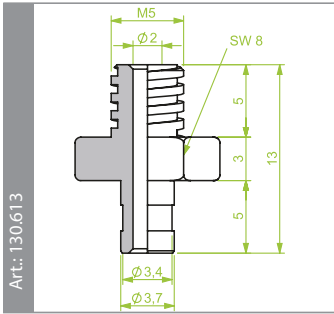
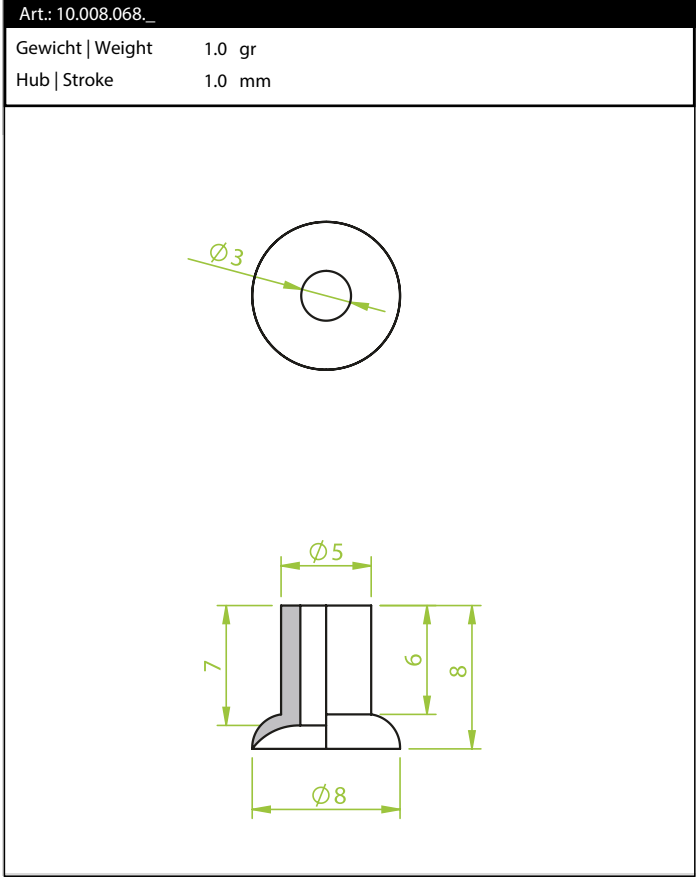


Art.: 130.037



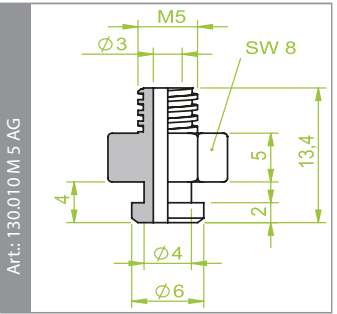
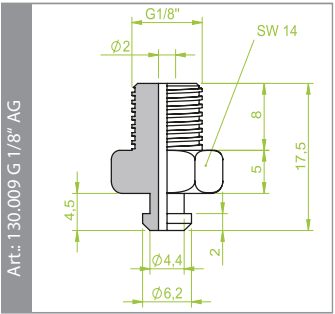
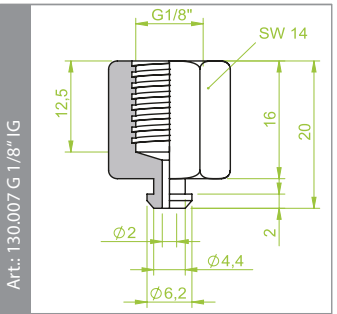
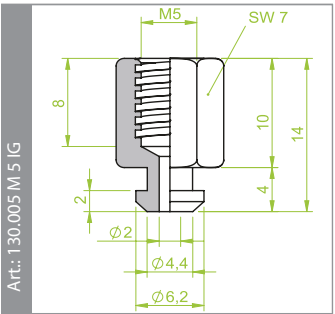
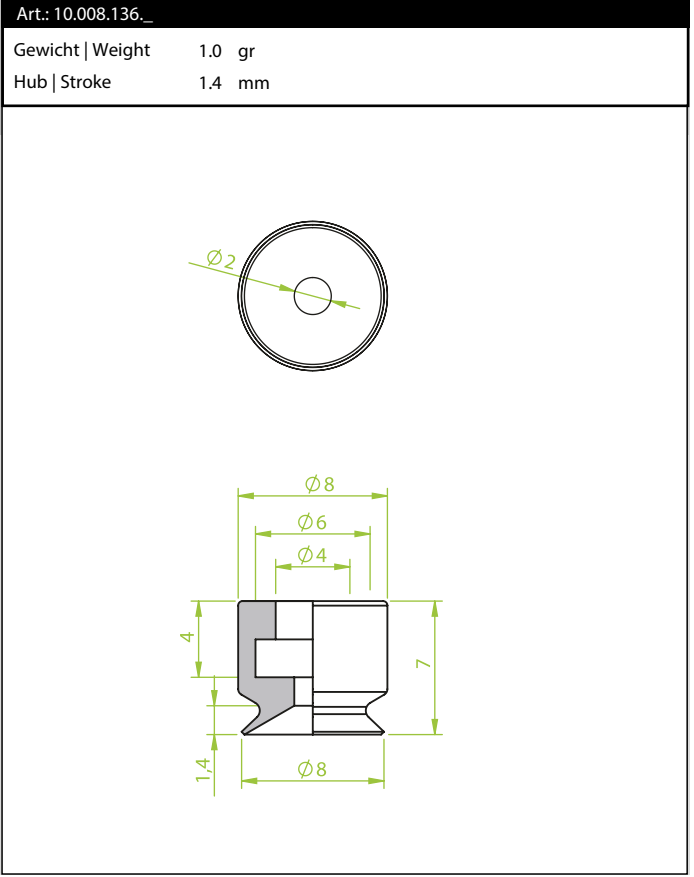
Flachsauger | Flat cups

Ø 8 mm



Flachsauger | Flat cups

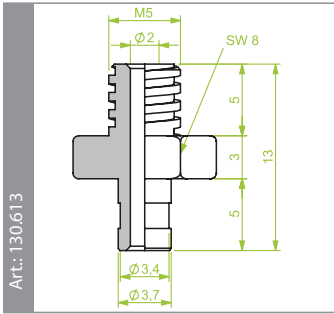
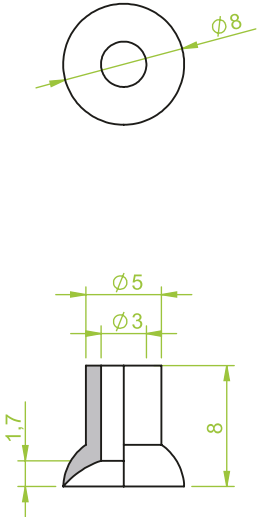
Ø 8 mm



Flachsauger | Flat cups

Ø 8 mm

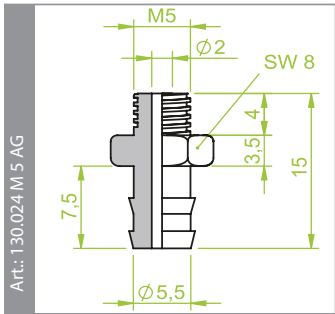
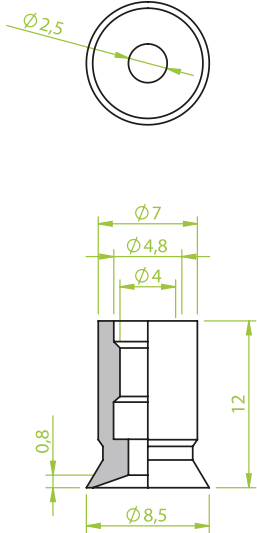
Art.: 10.008.155_	
Gewicht Weight	0.3 gr
Hub Stroke	1.0 mm



Flachsauger | Flat cups

Ø 8 mm

Art.: 10.008.164_	
Gewicht Weight	1.0 gr
Hub Stroke	0.8 mm

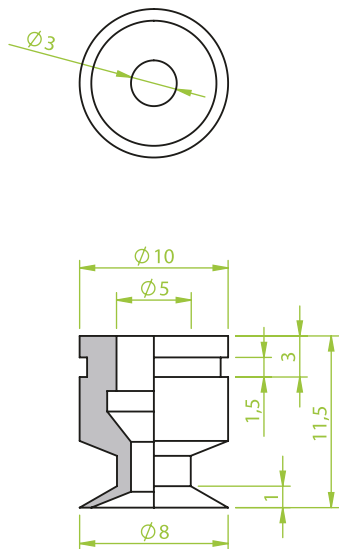


Flachsauger | Flat cups

Ø 8 mm

Art.: 10.008.166_

Gewicht | Weight 1.0 gr
Hub | Stroke 0.5 mm

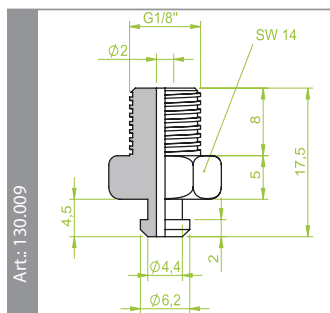
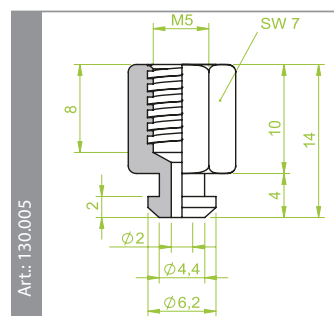
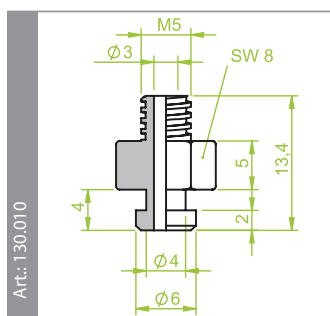
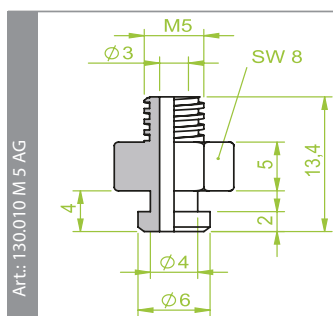
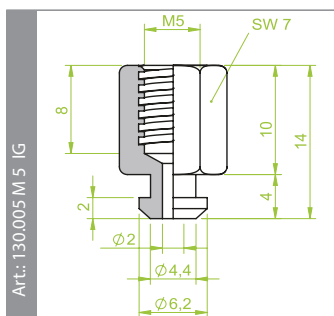
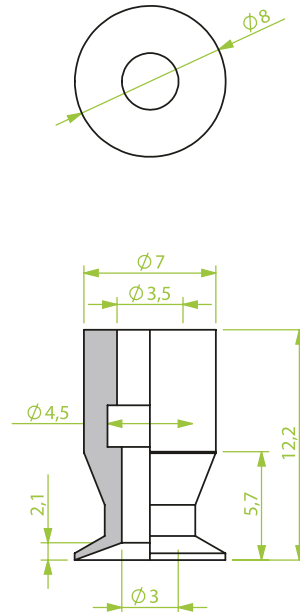


Flachsauger | Flat cups

Ø 8 mm

Art.: 10.008.611_

Gewicht | Weight 0.3 gr
Hub | Stroke 1.0 mm

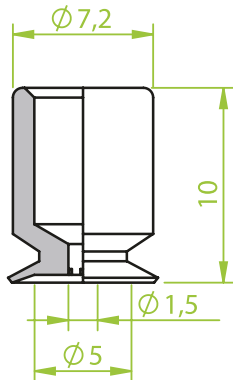
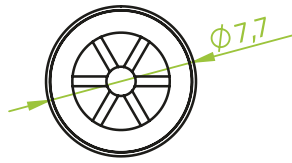


Flachsauger | Flat cups

Ø 8 mm

Art.: 10.008.630_

Gewicht | Weight 0.2 gr
Hub | Stroke 1.0 mm

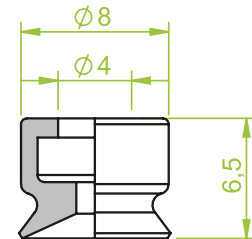
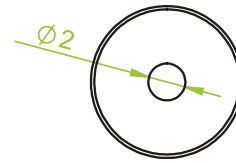


Flachsauger | Flat cups

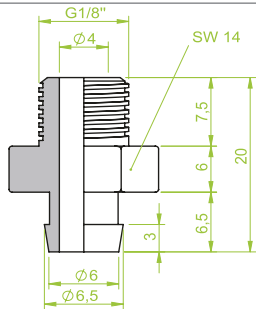
Ø 8 mm

Art.: 10.008.681_

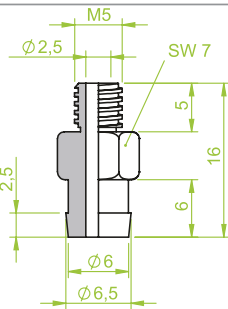
Gewicht | Weight 0.4 gr
Hub | Stroke 1.3 mm



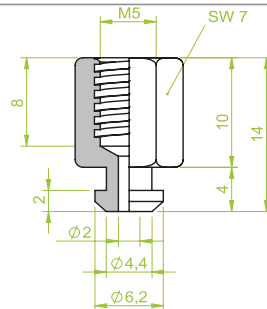
Art.: 130.003



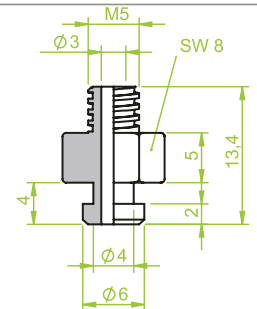
Art.: 130.013



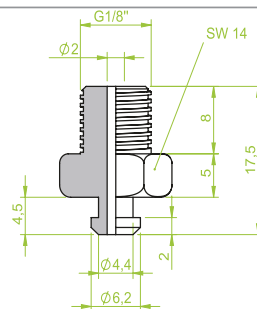
Art.: 130.005



Art.: 130.010



Art.: 130.009

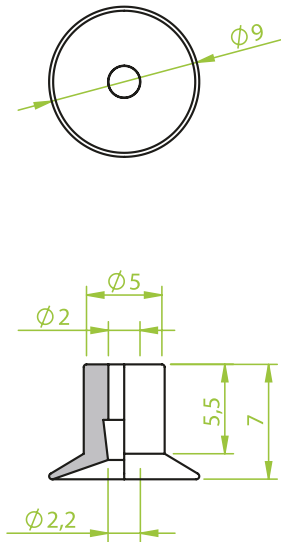


Flachsauger | Flat cups

Ø 9 mm

Art.: 10.009.020._

Gewicht | Weight 1.0 gr
Hub | Stroke 1.5 mm

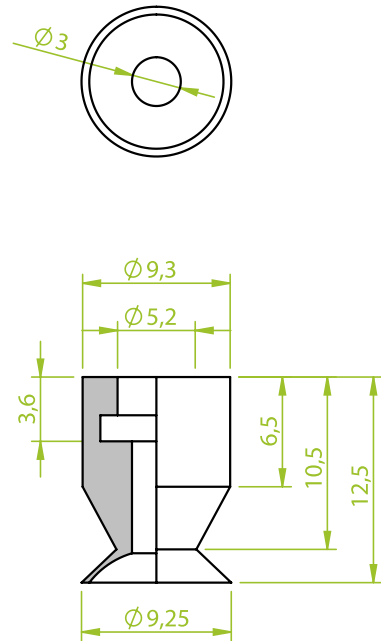


Flachsauger | Flat cups

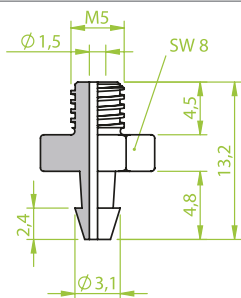
Ø 9 mm

Art.: 10.009.185._

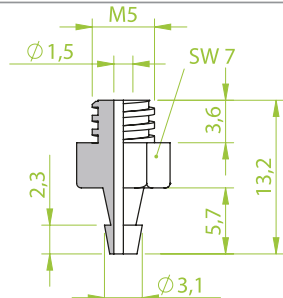
Gewicht | Weight 0.3 gr
Hub | Stroke 1.0 mm



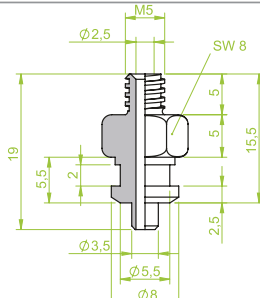
Art.: 130.591



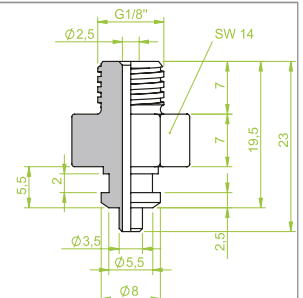
Art.: 130.153



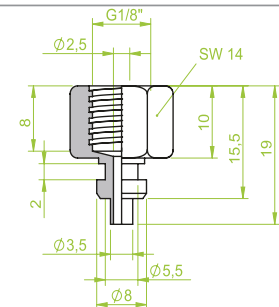
Art.: 130.037 M 5 AG



Art.: 130.085 G 1/8" AG



Art.: 130.086 G 1/8" IG

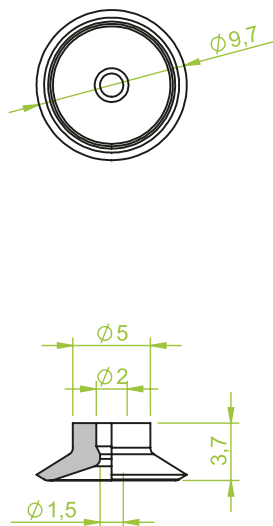


Flachsauger | Flat cups

Ø 9 mm

Art.: 10.009.580._

Gewicht | Weight 0.1 gr
Hub | Stroke 1.0 mm

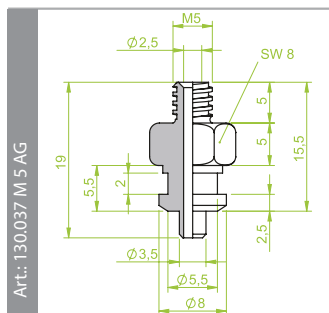
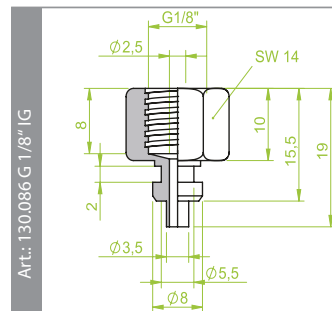
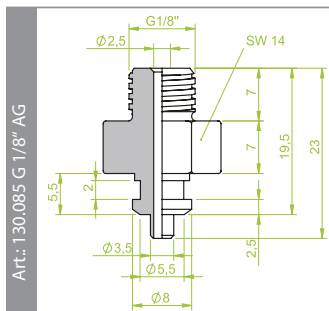
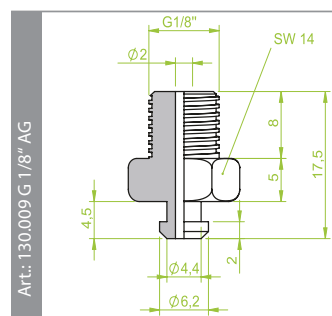
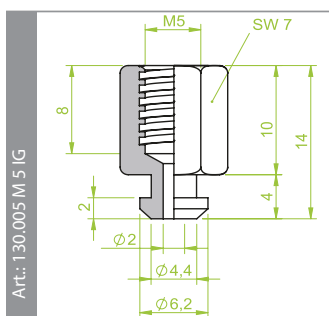
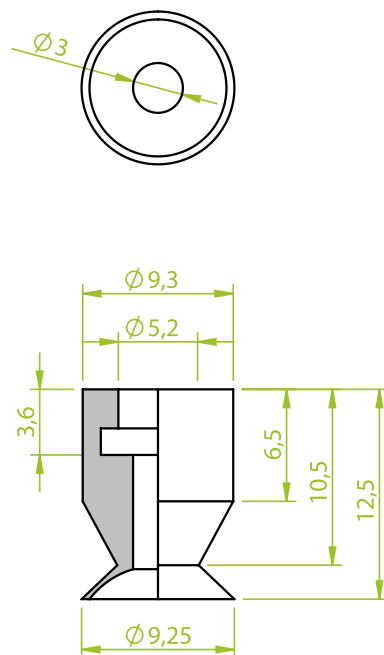


Flachsauger | Flat cups

Ø 10 mm

Art.: 10.010.060._

Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm

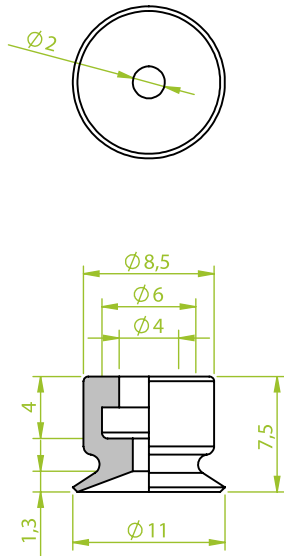


Flachsauger | Flat cups

Ø10 mm

Art.: 10.010.138._

Gewicht | Weight 1.0 gr
Hub | Stroke 1.2 mm

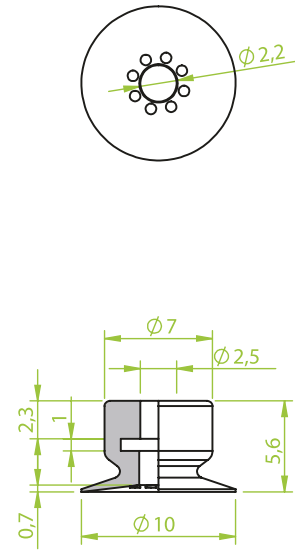


Flachsauger | Flat cups

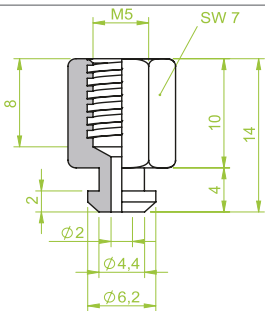
Ø10 mm

Art.: 10.010.188._

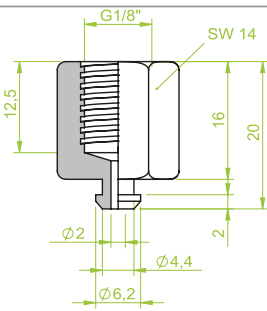
Gewicht | Weight 1.0 gr
Hub | Stroke 0.7 mm



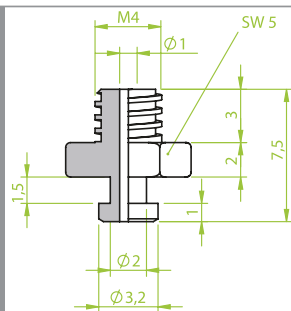
Art.: 130.005 M 5 IG



Art.: 130.007 G 1/8" IG

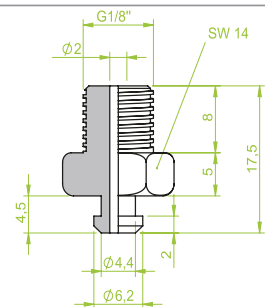


Art.: 130.111 M 4 AG

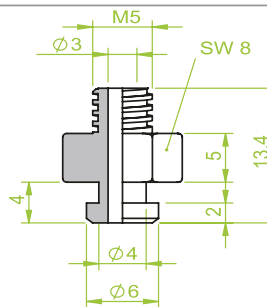


Art.: 130.

Art.: 130.009 G 1/8" AG



Art.: 130.010 M 5 AG

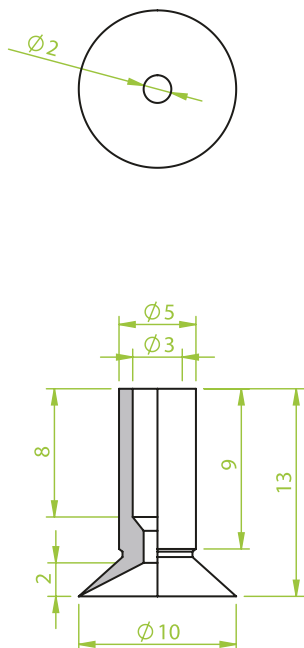


Flachsauger | Flat cups

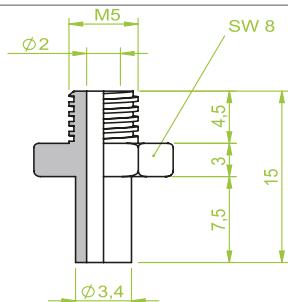
Ø10 mm

Art.: 10.010.191._

Gewicht | Weight 1.0 gr
Hub | Stroke 1.0 mm



Art.: 130.022 M 5 AG



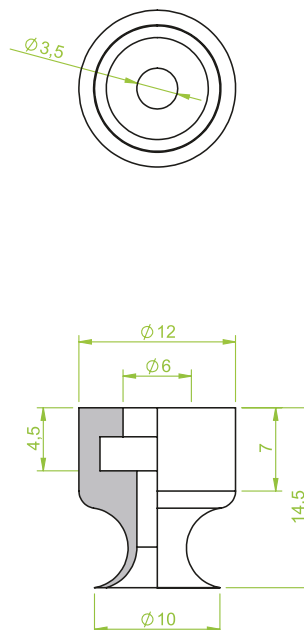
Art.: 130.

Flachsauger | Flat cups

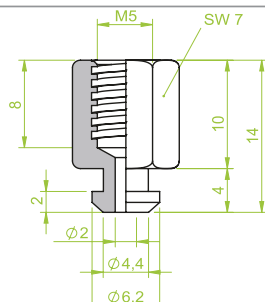
Ø10 mm

Art.: 10.010.194._

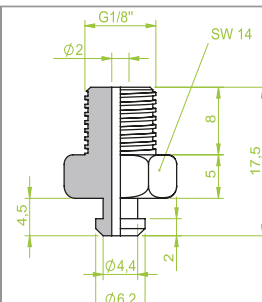
Gewicht | Weight 1.0 gr
Hub | Stroke 1.0 mm



Art.: 130.005 M 5 IG



Art.: 130.009 G 1/8" AG

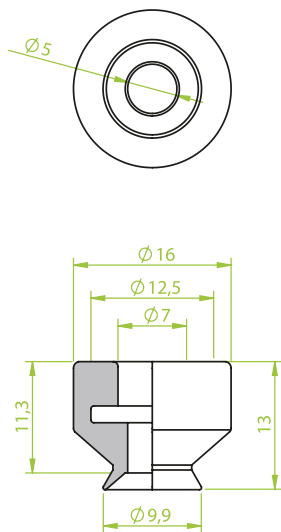


Flachsauger | Flat cups

Ø10 mm

Art.: 10.010.584_

Gewicht | Weight 2.0 gr
Hub | Stroke 1.0 mm

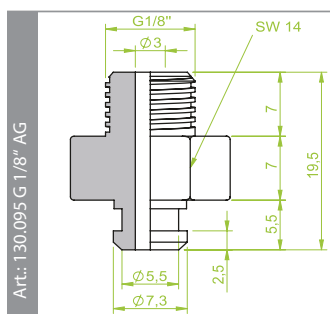
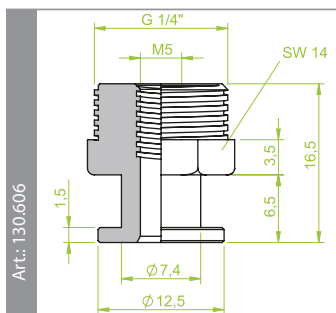
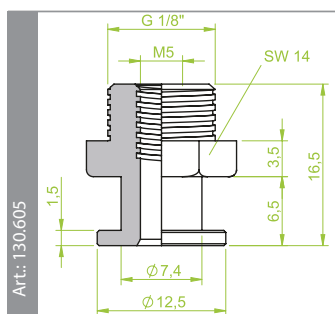
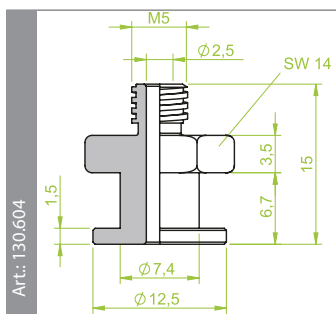
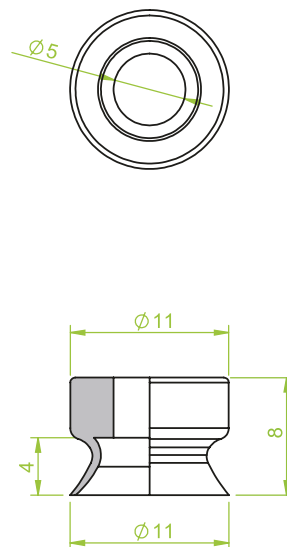


Flachsauger | Flat cups

Ø11 mm

Art.: 10.011.196_

Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm

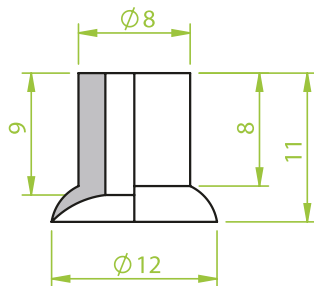
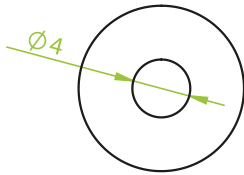


Flachsauger | Flat cups

Ø12 mm

Art.: 10.012.071_

Gewicht | Weight 1.0 gr
Hub | Stroke 1.5 mm

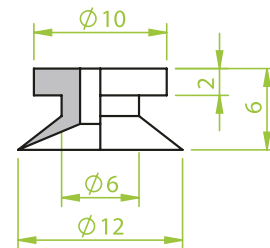
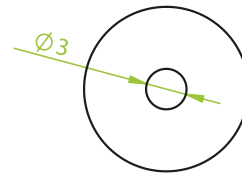


Flachsauger | Flat cups

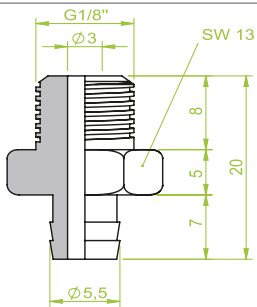
Ø12 mm

Art.: 10.012.199_

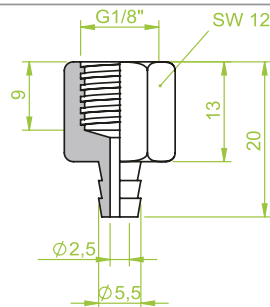
Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm



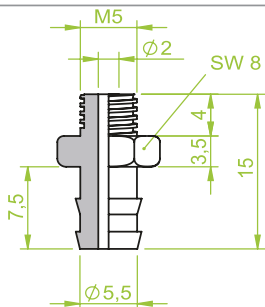
Art.: 130.033 G 1/8" AG



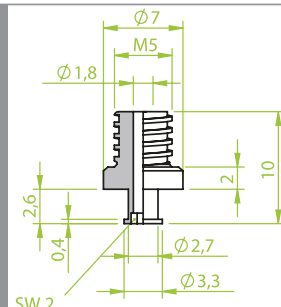
Art.: 130.035 G 1/8 IG



Art.: 130.024 M 5 AG



Art.: 130.283

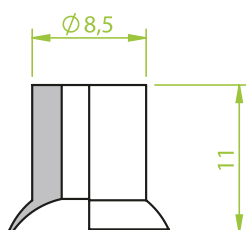
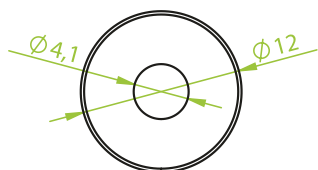


Flachsauger | Flat cups

Ø12 mm

Art.: 10.012.200._

Gewicht | Weight 0.2 gr
Hub | Stroke 1.5 mm

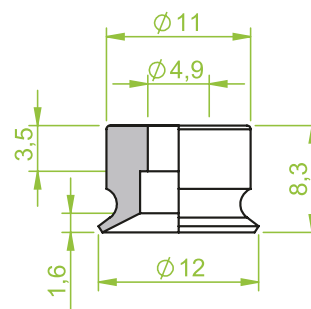
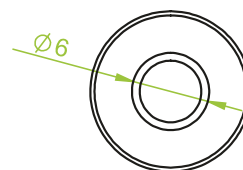


Flachsauger | Flat cups

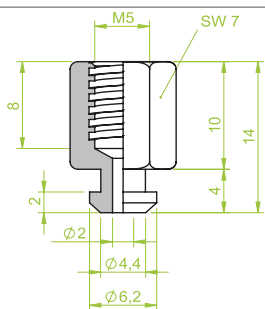
Ø12 mm

Art.: 10.012.205._

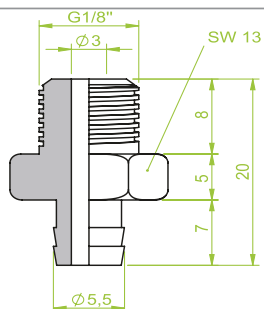
Gewicht | Weight 1.0 gr
Hub | Stroke 1.0 mm



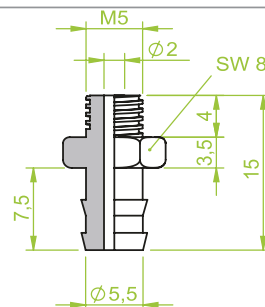
Art.: 130.005



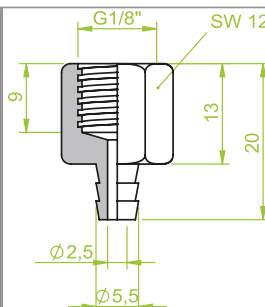
Art.: 130.033



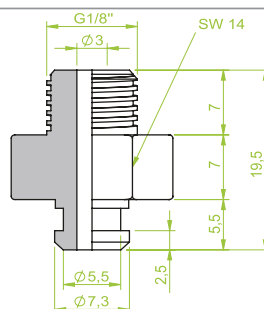
Art.: 130.024



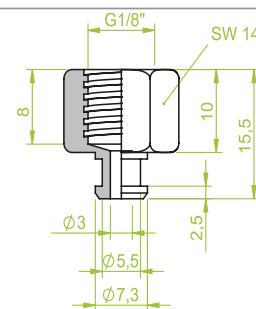
Art.: 130.035



Art.: 130.095 G 1/8" AG



Art.: 130.096 G 1/8" IG

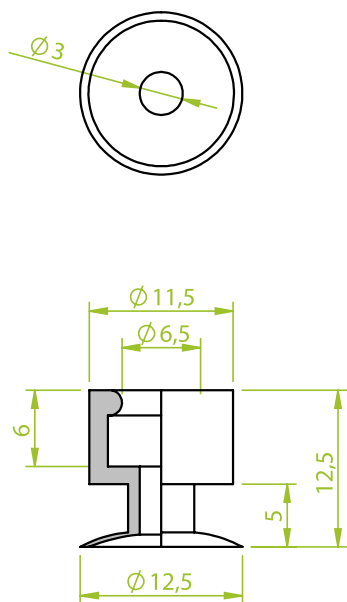


Flachsauger | Flat cups

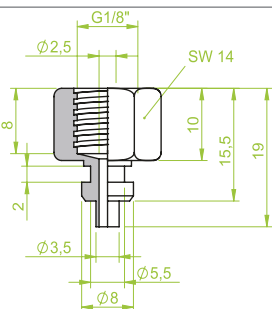
Ø12 mm

Art.: 10.012.206_

Gewicht | Weight 1.0 gr
Hub | Stroke 1.5 mm



Art.: 130.086 G 1/8" IG



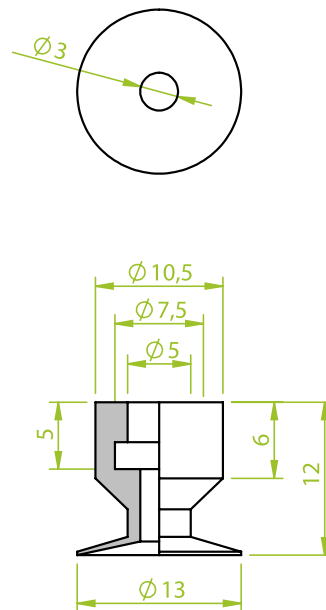
Art.: 130.

Flachsauger | Flat cups

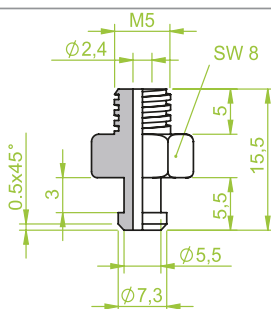
Ø13 mm

Art.: 10.013.207_

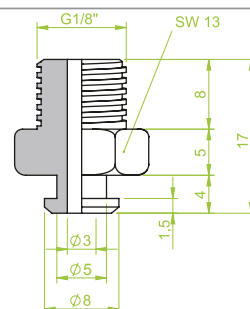
Gewicht | Weight 1.0 gr
Hub | Stroke 0.5 mm



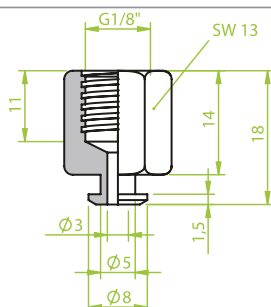
Art.: 130.094 M 5 AG



Art.: 130.064 G 1/8" AG



Art.: 130.065 G 1/8" IG

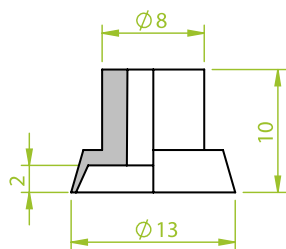
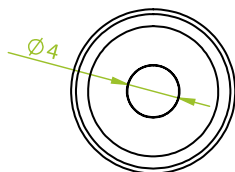


Flachsauger | Flat cups

Ø 13 mm

Art.: 10.013.209_

Gewicht | Weight 1.0 gr
Hub | Stroke 1.5 mm

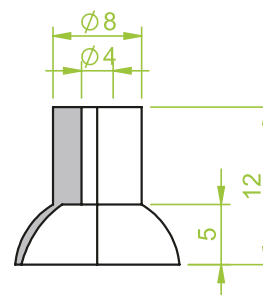
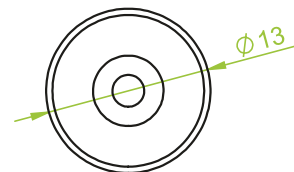


Flachsauger | Flat cups

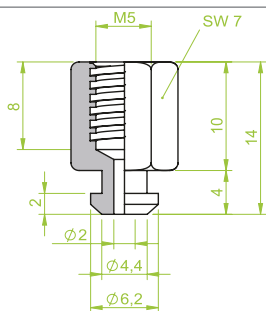
Ø 13 mm

Art.: 10.013.352_

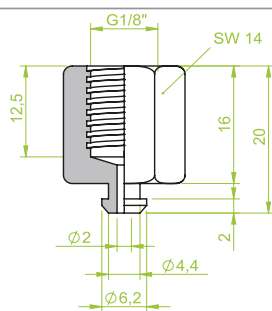
Gewicht | Weight 0.5 gr
Hub | Stroke 3.5 mm



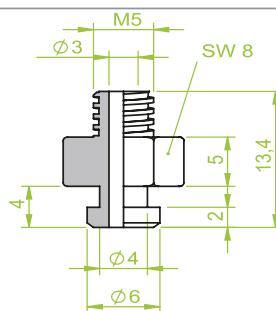
Art.: 130.005 M 5 IG



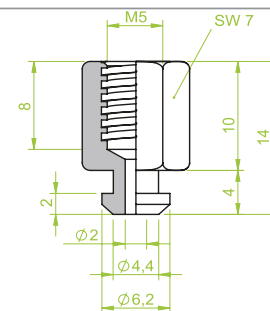
Art.: 130.007 G 1/8" IG



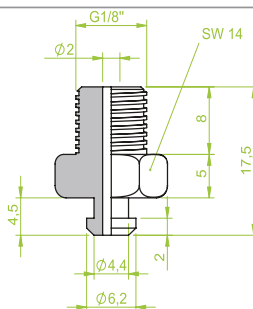
Art.: 130.010



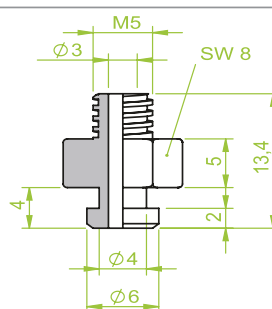
Art.: 130.005



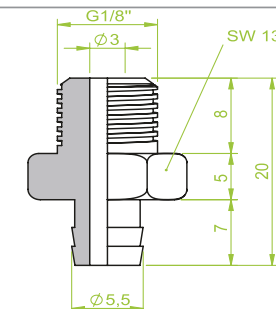
Art.: 130.009 G 1/8" AG



Art.: 130.010 M 5 AG



Art.: 130.033

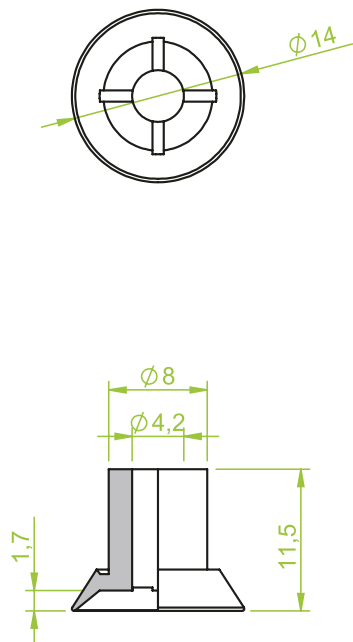


Flachsauger | Flat cups

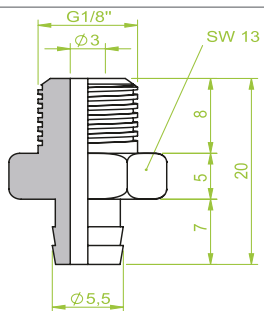
Ø 14 mm

Art.: 10.014.217._

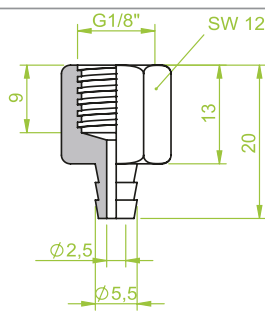
Gewicht | Weight 1.0 gr
Hub | Stroke 2.0 mm



Art.: 130.033 G 1/8" AG



Art.: 130.035 G 1/8" IG

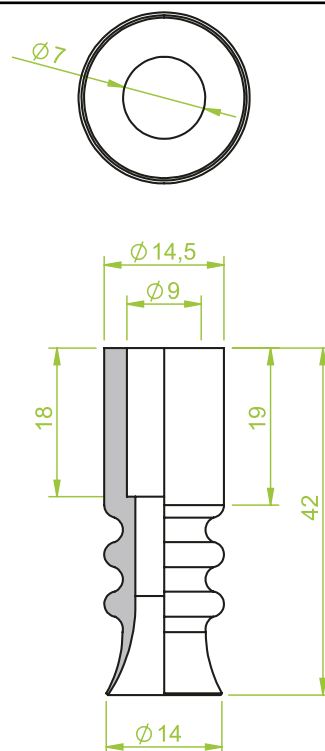


Flachsauger | Flat cups

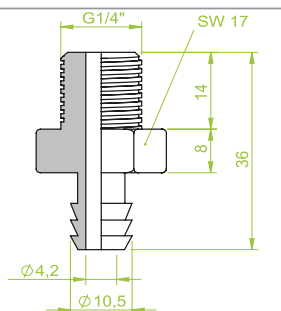
Ø 14 mm

Art.: 10.014.686._

Gewicht | Weight 4.0 gr
Hub | Stroke 5.0 mm



Art.: 130.208

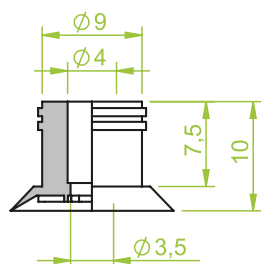
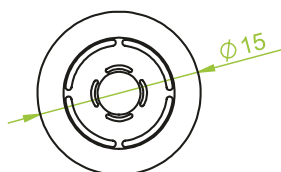


Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.031_

Gewicht | Weight 0.4 gr
Hub | Stroke 1.0 mm

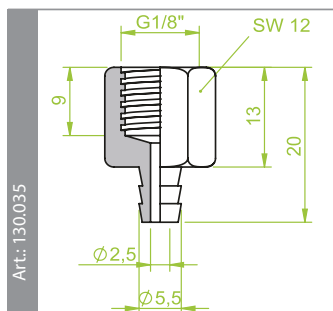
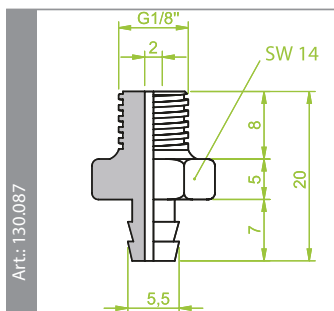
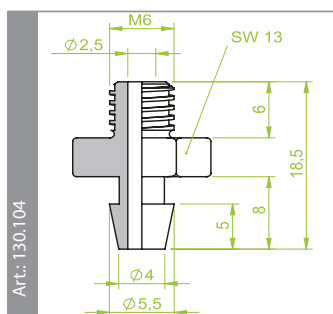
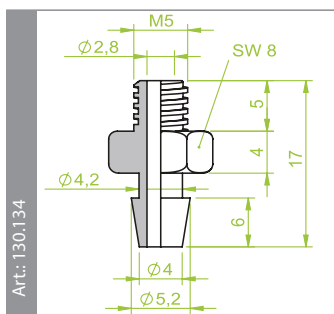
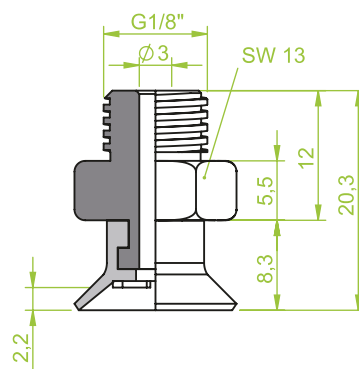
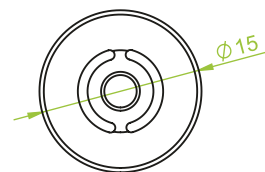


Flachsauger | Flat cups

Ø 15 mm

Art.: 14.015.043_

Gewicht | Weight 3.7 gr
Hub | Stroke 2.0 mm

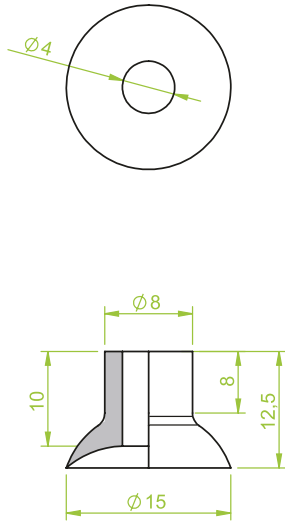


Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.073_

Gewicht | Weight 0.6 gr
Hub | Stroke 2.0 mm

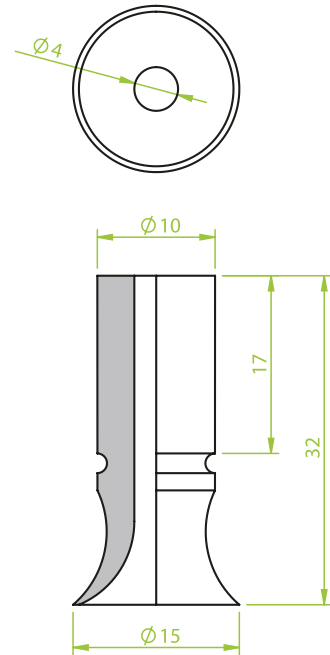


Flachsauger | Flat cups

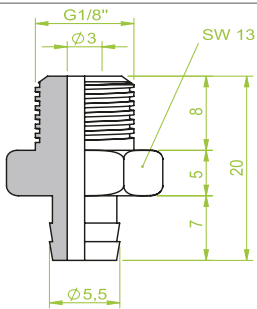
Ø 15 mm

Art.: 10.015.114_

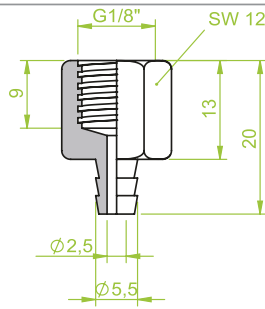
Gewicht | Weight 1.8 gr
Hub | Stroke 6.0 mm



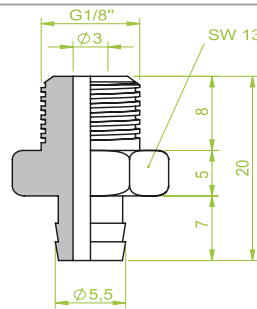
Art.: 130.033



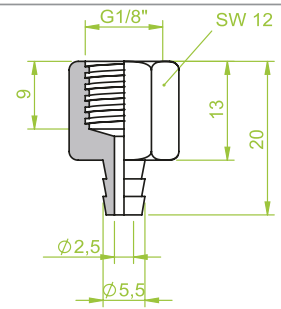
Art.: 130.035



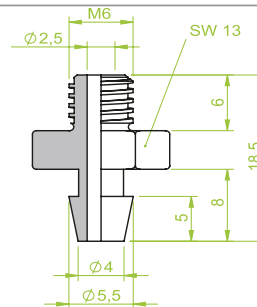
Art.: 130.033 G 1/8" AG



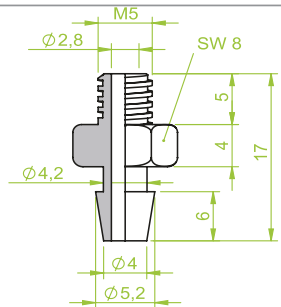
Art.: 130.035 G 1/8" IG



Art.: 130.104 M 6 AG



Art.: 130.134 M 5 AG

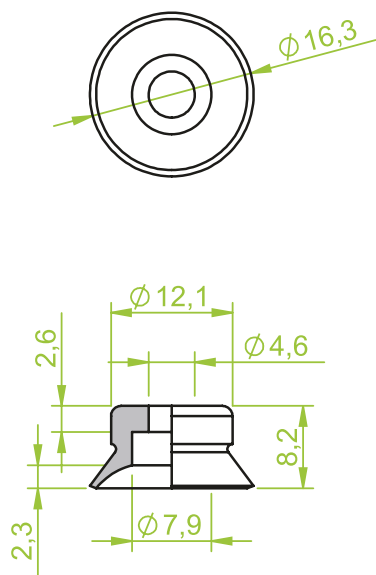


Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.139_

Gewicht | Weight 1.0 gr
Hub | Stroke 2.0 mm

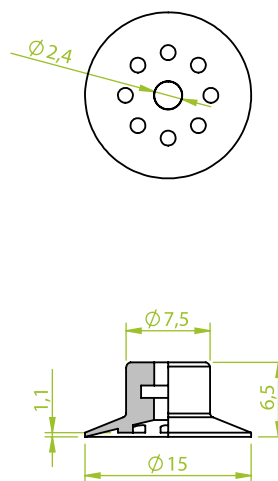


Flachsauger | Flat cups

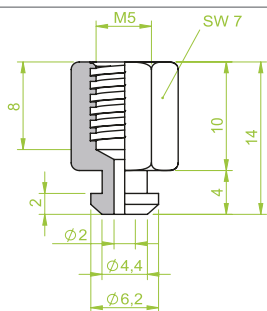
Ø 15 mm

Art.: 10.015.228_

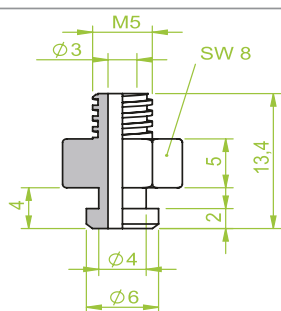
Gewicht | Weight 1.0 gr
Hub | Stroke 1.1 mm



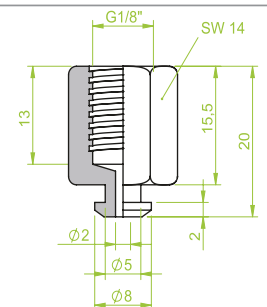
Art.: 130.005 M 5 IG



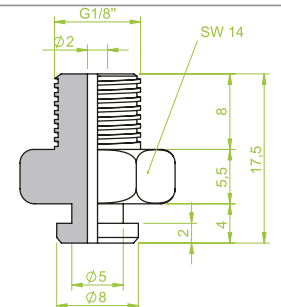
Art.: 130.010 M 5 AG



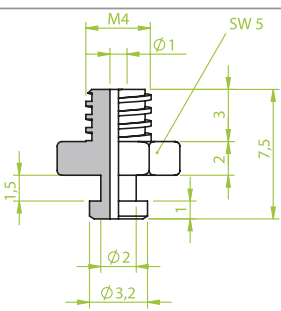
Art.: 130.017 G 1/8" IG



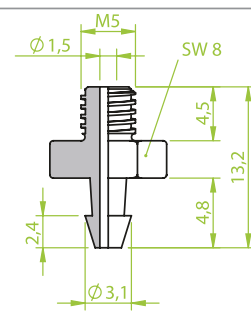
Art.: 130.021 G 1/8" AG



Art.: 130.111 M 4 AG



Art.: 130.591

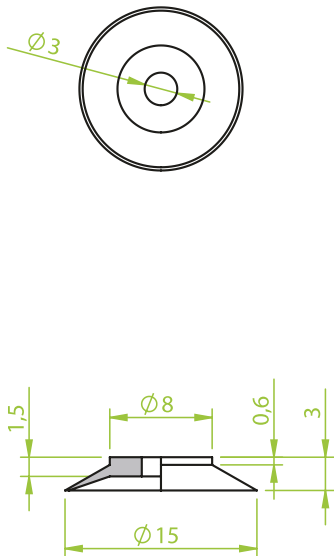


Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.604._

Gewicht | Weight 0.2 gr
Hub | Stroke 1.5 mm

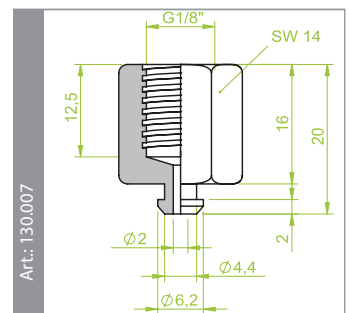
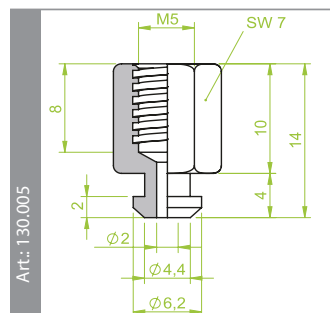
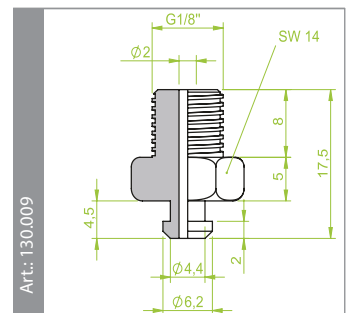
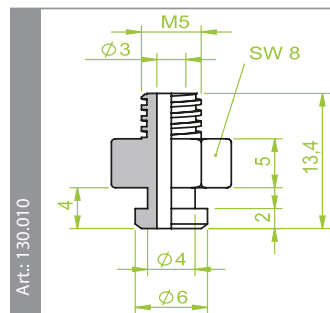
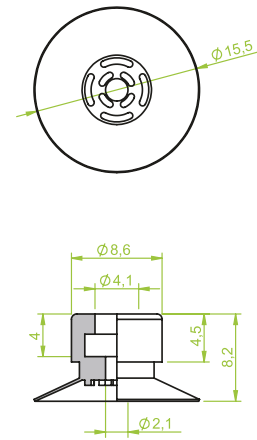


Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.693._

Gewicht | Weight 0.3 gr
Hub | Stroke 1.0 mm

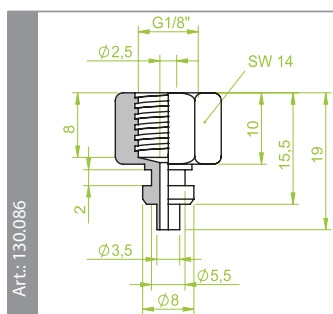
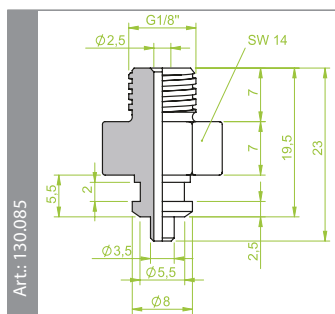
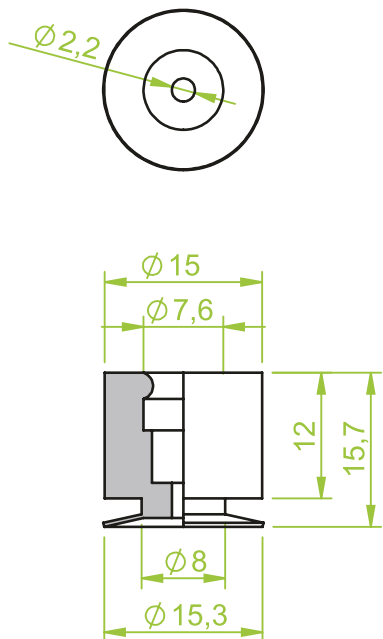


Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.007_

Gewicht | Weight 0.1 gr
Hub | Stroke 0.1 mm

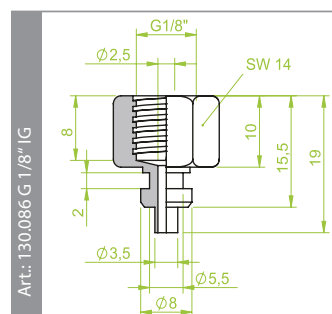
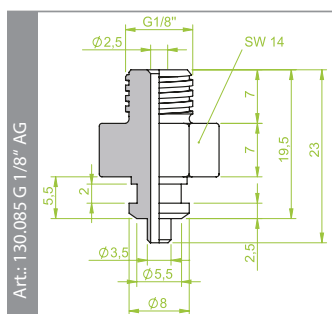
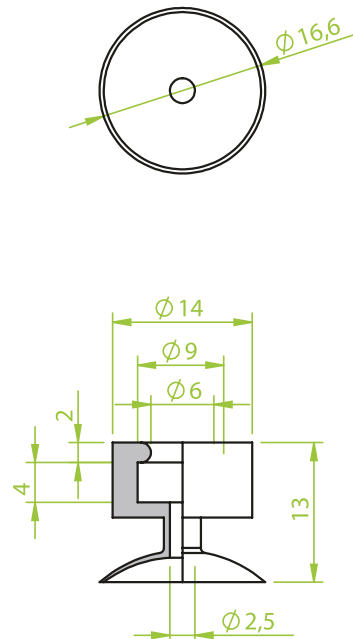


Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.012_

Gewicht | Weight 1.2 gr
Hub | Stroke 3.0 mm

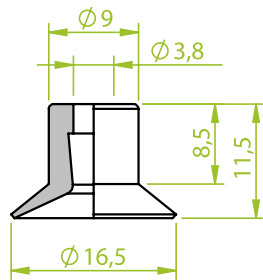
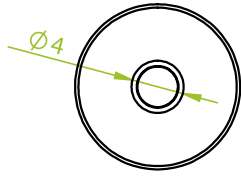


Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.037_

Gewicht | Weight 1.0 gr
Hub | Stroke 2.0 mm

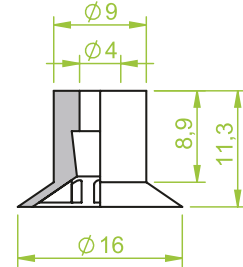
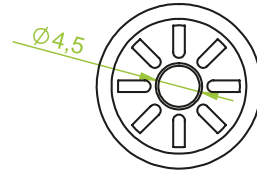


Flachsauger | Flat cups

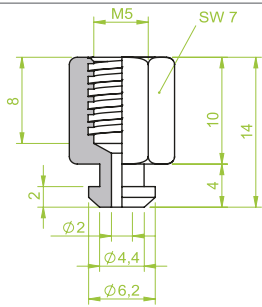
Ø 16 mm

Art.: 10.016.039_

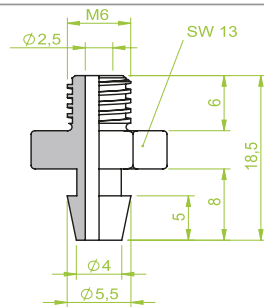
Gewicht | Weight 1.0 gr
Hub | Stroke 0.5 mm



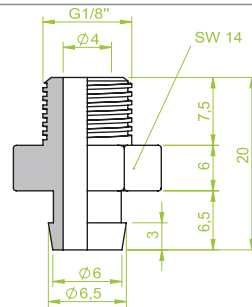
Art.: 130.005 M 5 IG



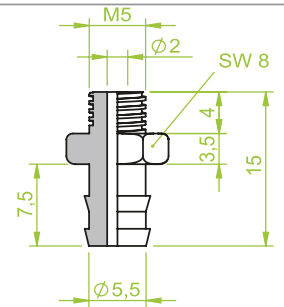
Art.: 130.104 M 6 AG



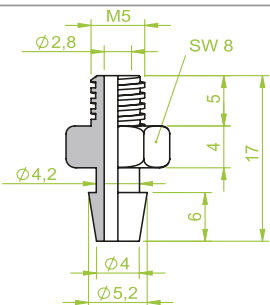
Art.: 130.003 G 1/8" AG



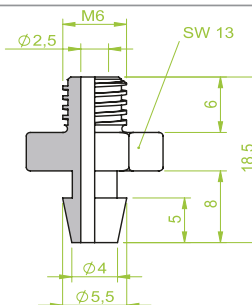
Art.: 130.024 M 5 AG



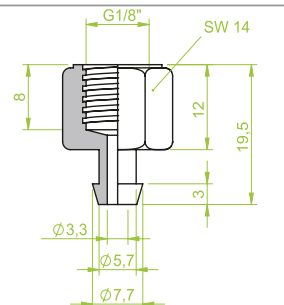
Art.: 130.134 M 5 AG



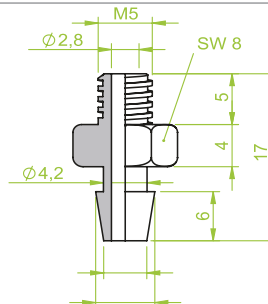
Art.: 130.104 M 6 AG



Art.: 130.109 G 1/8" IG



Art.: 130.134 M 5 AG

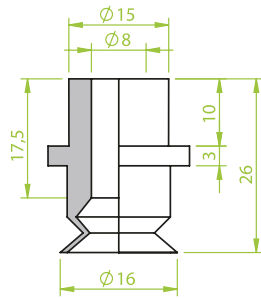
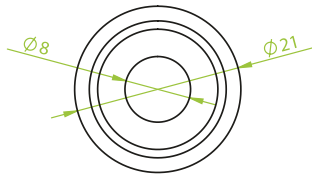


Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.092._

Gewicht | Weight 3.5 gr
Hub | Stroke 5.0 mm

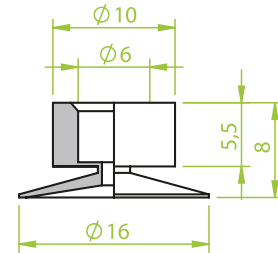
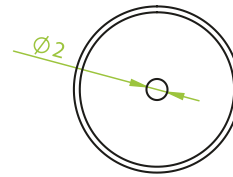


Flachsauger | Flat cups

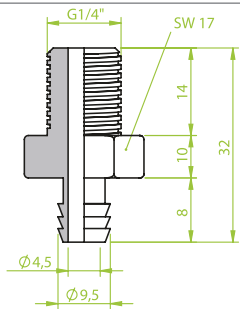
Ø 16 mm

Art.: 10.016.239._

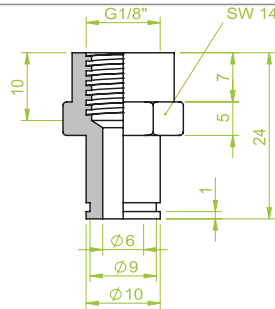
Gewicht | Weight 1.0 gr
Hub | Stroke 0.5 mm



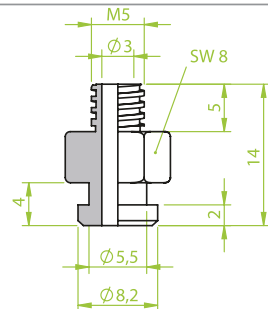
Art.: 130.043 G 1/4" AG



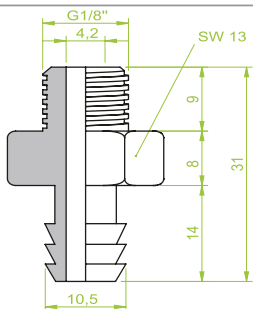
Art.: 130.114 G 1/8" IG



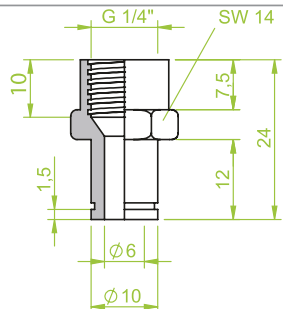
Art.: 130.200 M 5 AG



Art.: 130.132 G 1/8" AG



Art.: 130.178 G 1/4" IG



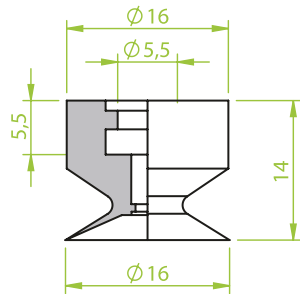
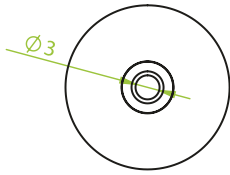
Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.240.._

Gewicht | Weight 1.0 gr

Hub | Stroke 2.0 mm



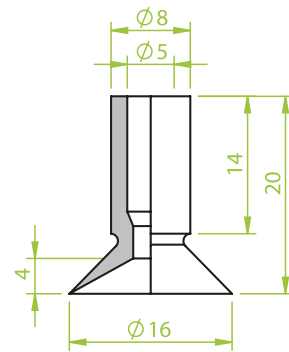
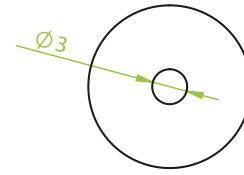
Flachsauger | Flat cups

Ø 16 mm

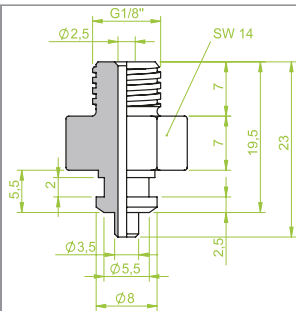
Art.: 10.016.243.._

Gewicht | Weight 1.0 gr

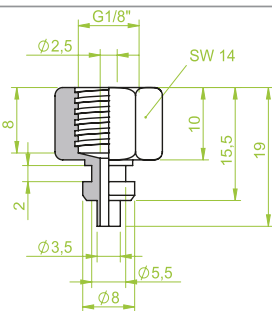
Hub | Stroke 5.0 mm



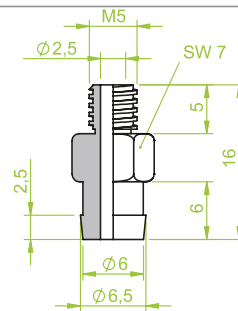
Art.: 130.085 G 1/8" AG



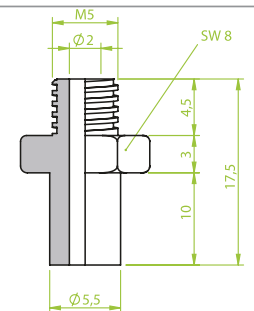
Art.: 130.086 G 1/8" IG



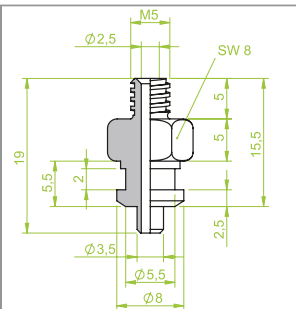
Art.: 130.013 M 5 AG



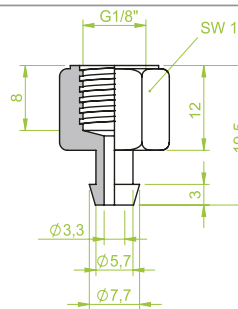
Art.: 130.023 M 5 AG



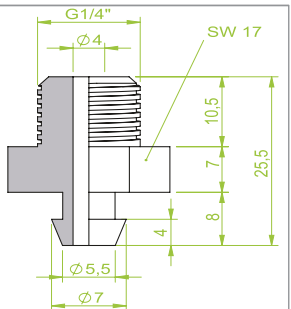
Art.: 130.037 M 5 AG



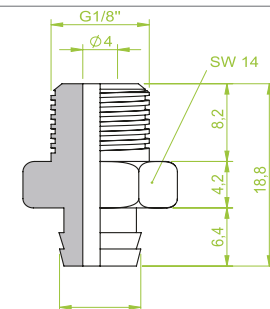
Art.: 130.109 G 1/8" IG



Art.: 130.194 G 1/4" AG



Art.: 130.238 G 1

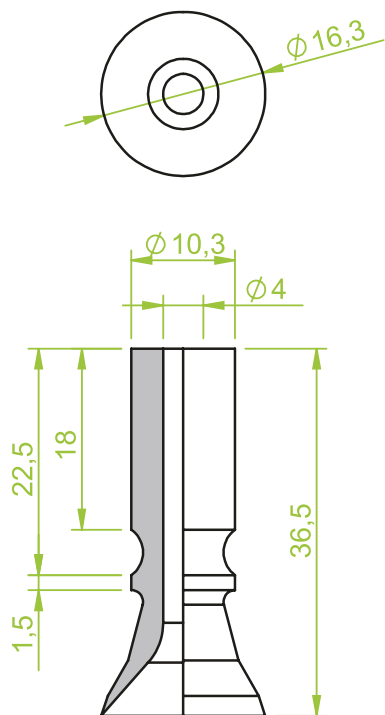


Flachsauger | Flat cups

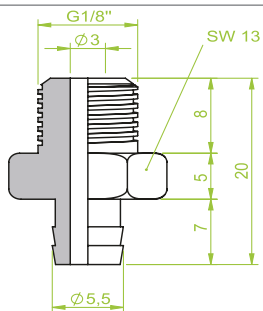
Ø 16 mm

Art.: 10.016.353_

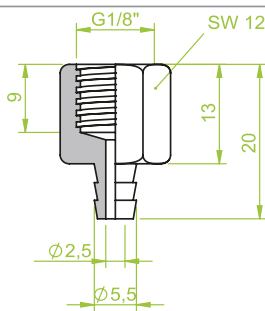
Gewicht | Weight 2.6 gr
Hub | Stroke 6.0 mm



Art.: 130.033



Art.: 130.035

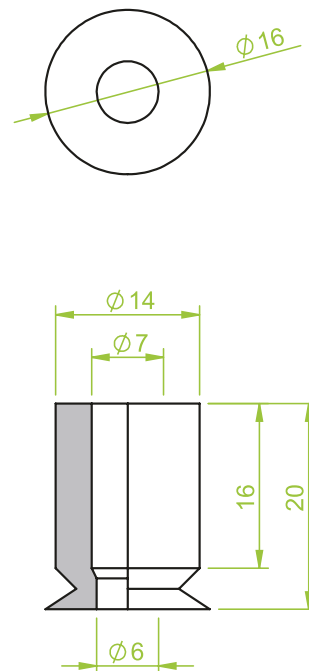


Flachsauger | Flat cups

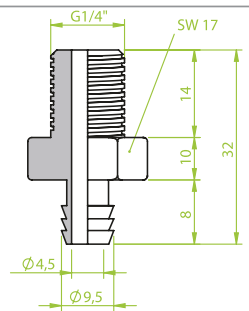
Ø 16 mm

Art.: 10.016.651_

Gewicht | Weight 1.8 gr
Hub | Stroke 3.0 mm



Art.: 130.043



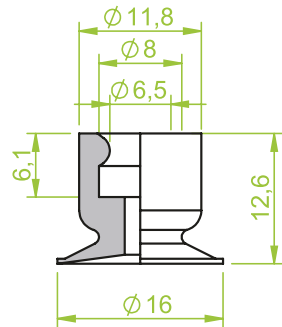
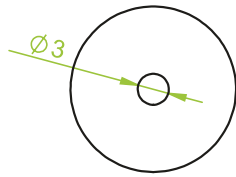
Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.658_

Gewicht | Weight 0.8 gr

Hub | Stroke 2.0 mm



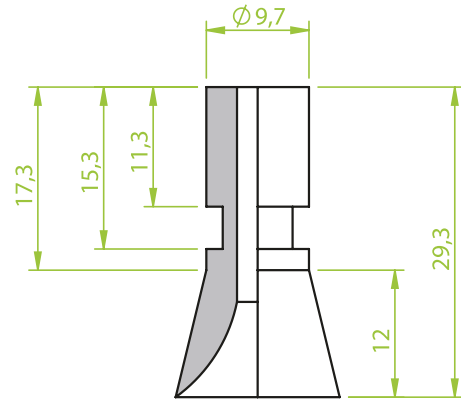
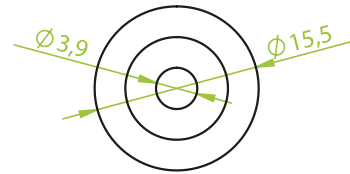
Flachsauger | Flat cups

Ø 16 mm

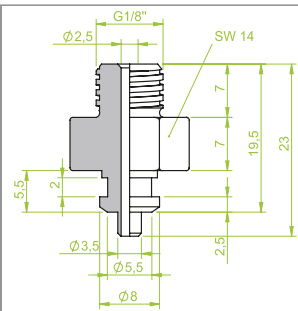
Art.: 10.016.685_

Gewicht | Weight 2.3 gr

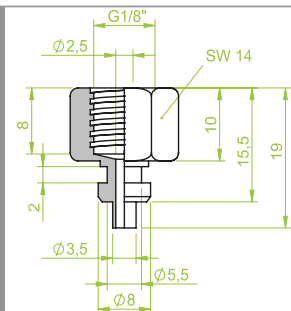
Hub | Stroke 3.0 mm



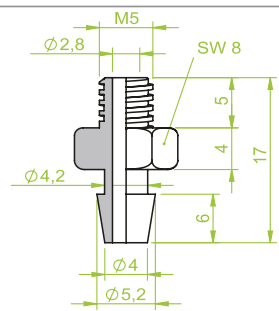
Art.: 130.085



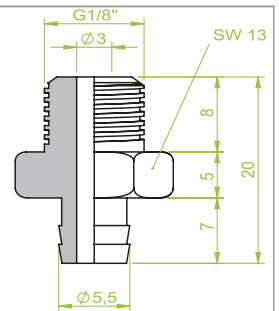
Art.: 130.086



Art.: 130.134



Art.: 130.033

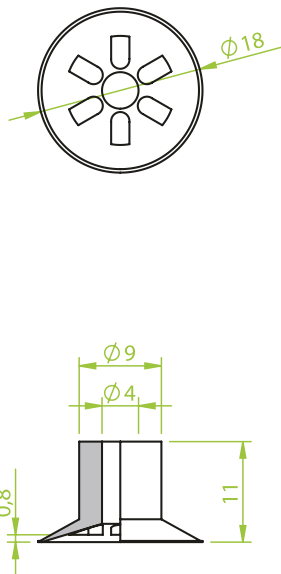


Flachsauger | Flat cups

Ø 17 mm

Art.: 10.017.255_

Gewicht | Weight 1.0 gr
Hub | Stroke 1.0 mm

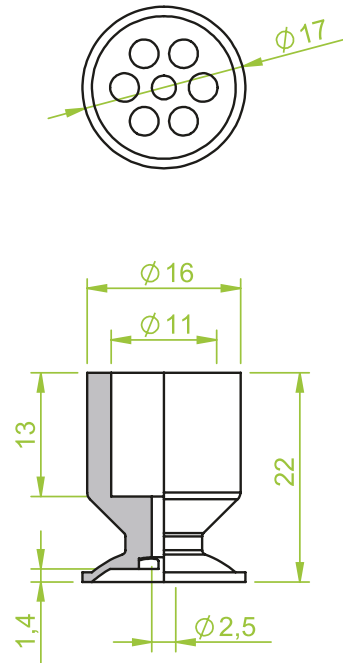


Flachsauger | Flat cups

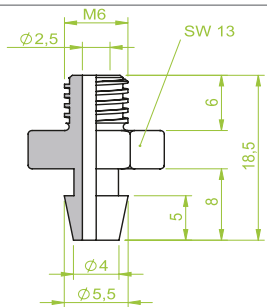
Ø 17 mm

Art.: 10.017.595_

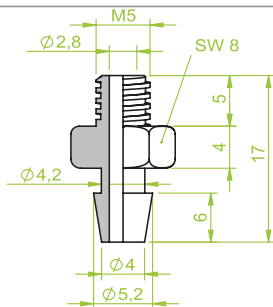
Gewicht | Weight 1.5 gr
Hub | Stroke 1.4 mm



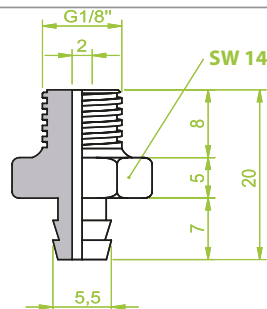
Art.: 130.104 M 6 AG



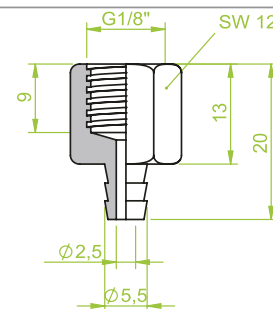
Art.: 130.134 M 5 AG



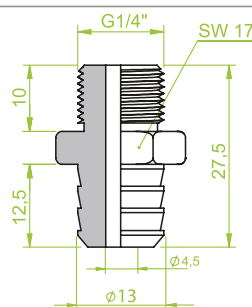
Art.: 130.087 G 1/8" AG



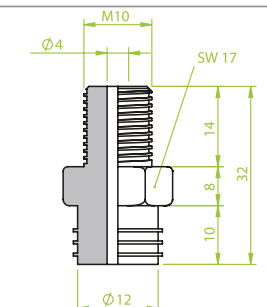
Art.: 130.035 G 1/8" IG



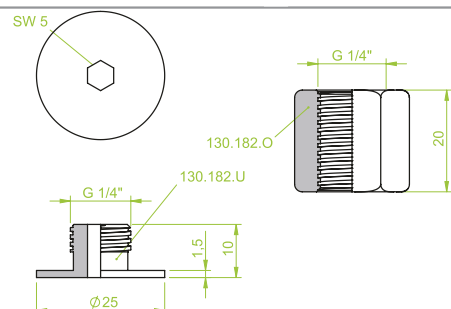
Art.: 130.609



Art.: 130.177



Art.: 130.182

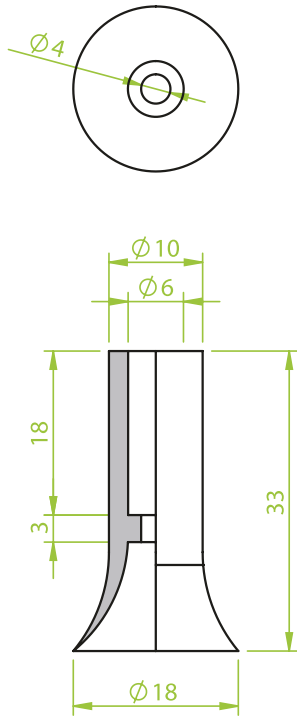


Flachsauger | Flat cups

Ø 18 mm

Art.: 10.018.088_

Gewicht | Weight 2.0 gr
Hub | Stroke 3.0 mm

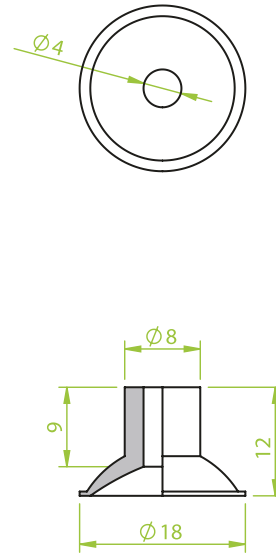


Flachsauger | Flat cups

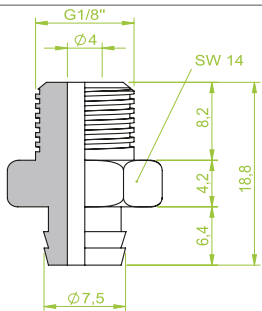
Ø 18 mm

Art.: 10.018.202_

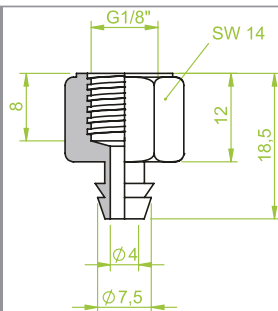
Gewicht | Weight 1.0 gr
Hub | Stroke 2.0 mm



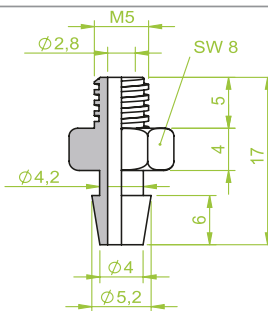
Art.: 130.238



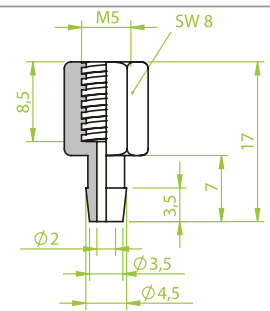
Art.: 130.110



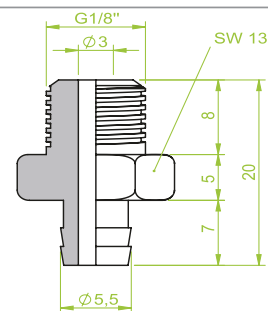
Art.: 130.134



Art.: 130.347 - 1



Art.: 130.033



Technical drawing of a composite figure. The figure consists of a rectangle with a trapezoidal base. The top width is 12, and the bottom width is 5. The height of the rectangular part is 9, and the total height is 11. The base is divided into three sections: a shaded gray trapezoid on the left, a white rectangular section in the middle, and another shaded gray trapezoid on the right. The width of the middle rectangular section is 5. The height of the base is 1, and the height of the rectangular part is 9.

[illegible]

Technical drawing of a 1/2 inch female plug. The drawing shows a side view of the plug with the following dimensions:

- Overall length: 19.5
- Length of the main body: 12
- Length of the threaded section: 3
- Thread specification: G1/8"
- Material specification: SW 14
- Outer diameter of the main body: $\varnothing 7.7$
- Outer diameter of the threaded section: $\varnothing 5.7$
- Outer diameter of the inner hole: $\varnothing 3.3$
- Height of the main body: 8

Technical drawing of a screw with the following dimensions:

- Thread: M5
- Head diameter: Ø2
- Head width: SW 8
- Head height: 4
- Head to first thread distance: 3.5
- Total length: 15
- Shank diameter: Ø5.5
- Shank length: 7.5

Technical drawing of a bolt with the following dimensions and specifications:

- Thread: G1/8"
- Head diameter: Ø 3
- Head width: 8
- Head height: 5
- Head type: SW 13
- Shank diameter: Ø 5,5
- Shank length: 7
- Total length: 20

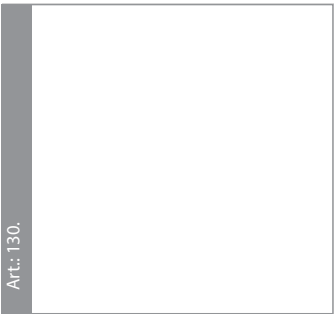
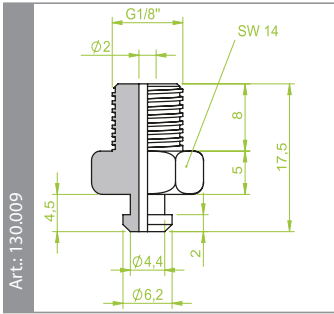
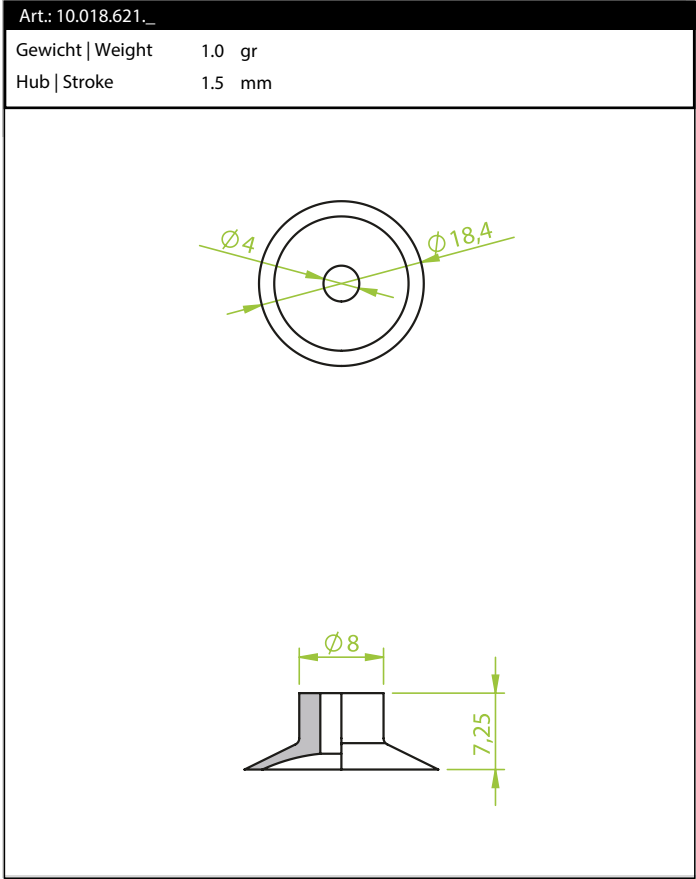
Technical drawing of a 1/2" x 1/2" x 1/2" ball joint. The drawing shows a cross-section of the joint with various dimensions. The top diameter is G1/8". The ball diameter is Ø4. The ball is held in place by a nut with a width of 18.8. The nut has a height of 8.2 and a width of 4.2. The ball has a diameter of Ø7.5. The nut is labeled SW 14.

Technical drawing of a 12mm SW hexagonal bolt. The drawing shows the bolt with the following dimensions:

- Head diameter: $\varnothing 2,5$
- Head width: $\varnothing 5,5$
- Head height: 9
- Thread length: 13
- Total length: 20
- Thread specification: G1/8"
- Hex key size: SW 12

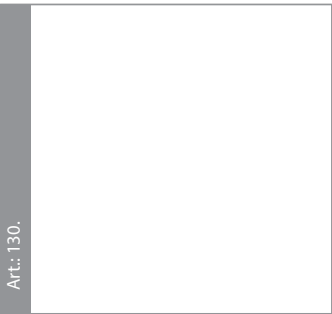
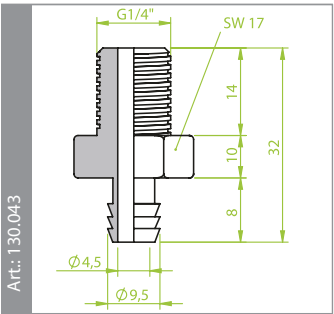
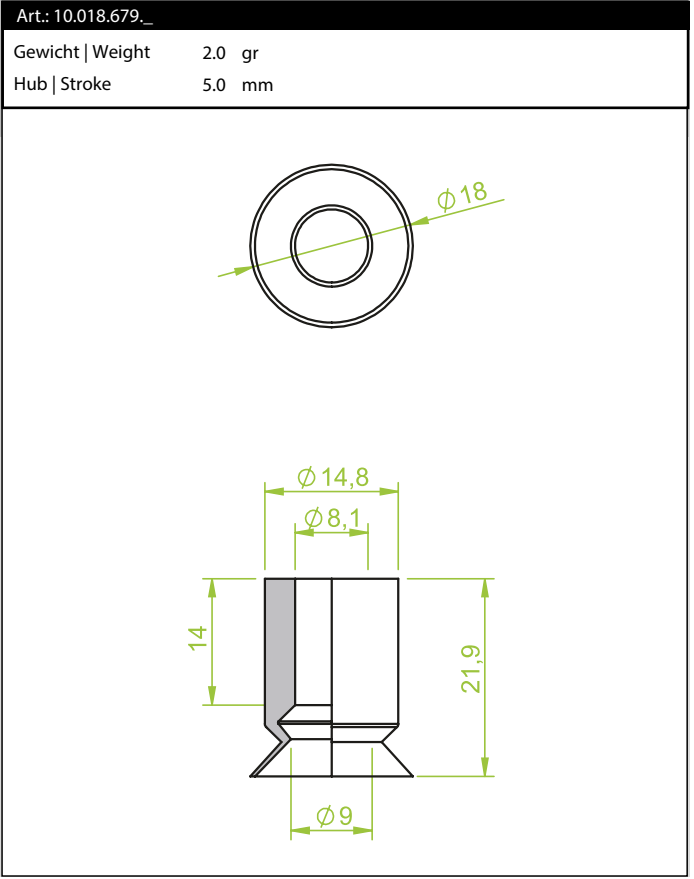
Flachsauger | Flat cups

Ø 18 mm



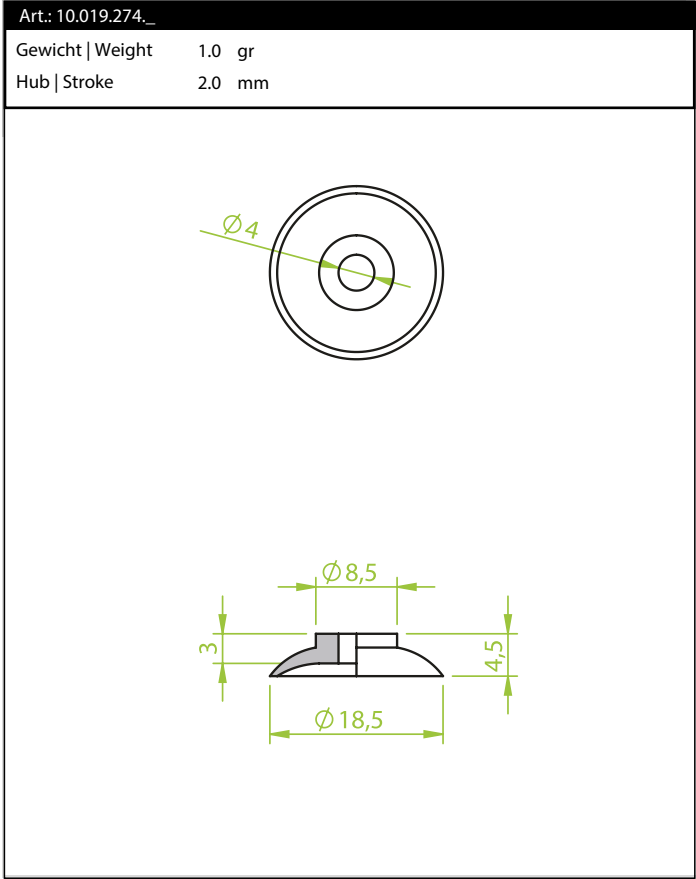
Flachsauger | Flat cups

Ø 18 mm



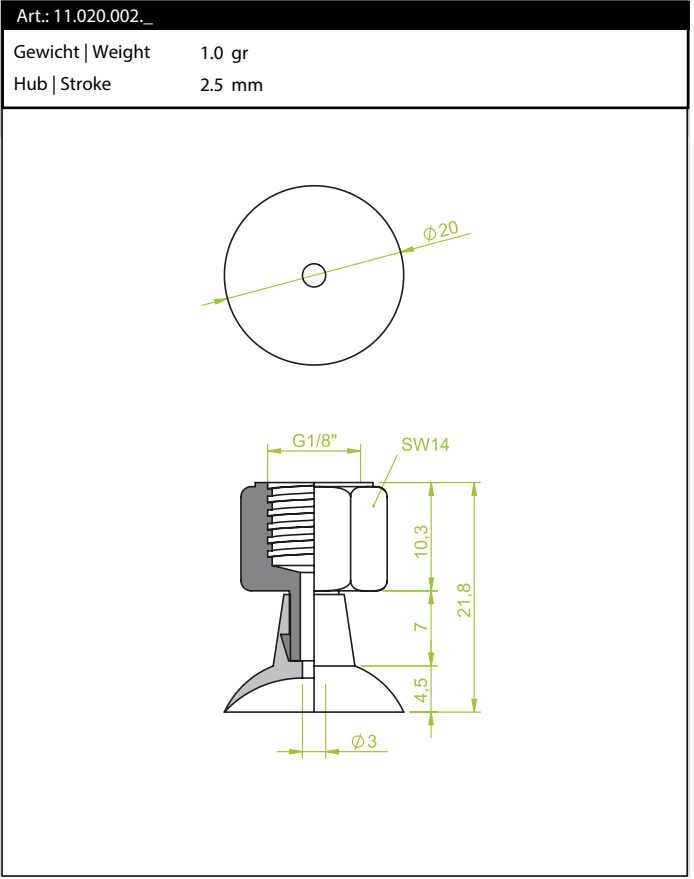
Flachsauger | Flat cups

Ø 19 mm



Flachsauger | Flat cups

Ø 20 mm

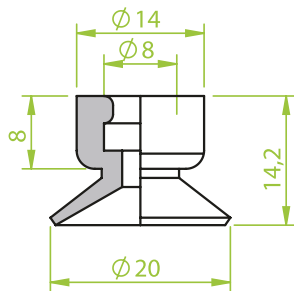
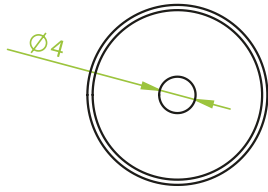


Flachsauger | Flat cups

Ø 20 mm

Art.:10.020.011._

Gewicht | Weight 2.2 gr
Hub | Stroke 3.5 mm

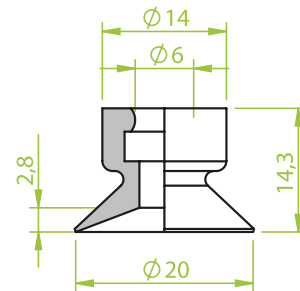
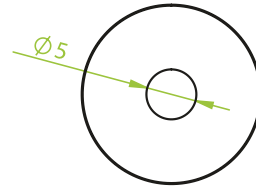


Flachsauger | Flat cups

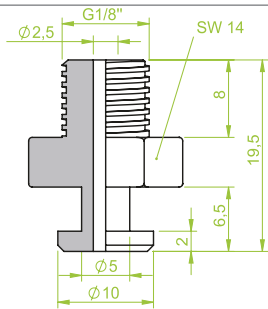
Ø 20 mm

Art.: 10.020.015._

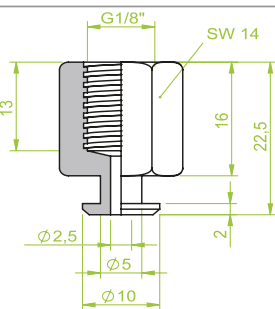
Gewicht | Weight 1.6 gr
Hub | Stroke 3.0 mm



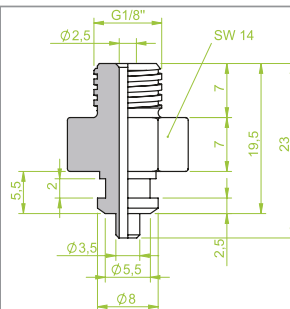
Art.: 130.006 G 1/8" AG



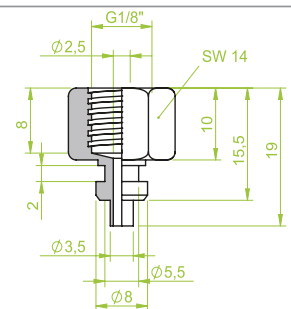
Art.: 130.018 G 1/8" IG



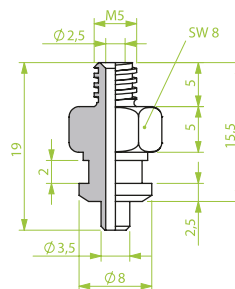
Art.: 130.085



Art.: 130.086



Art.: 130.037

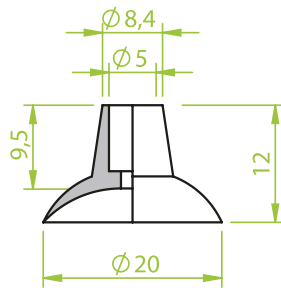
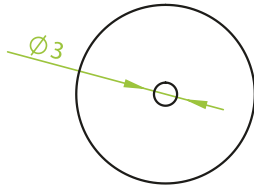


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.093._

Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm

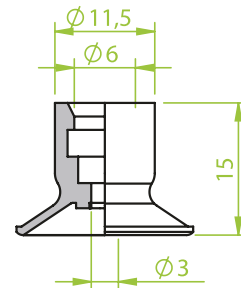
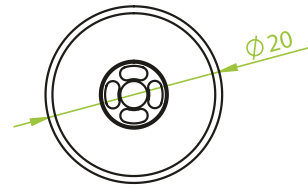


Flachsauger | Flat cups

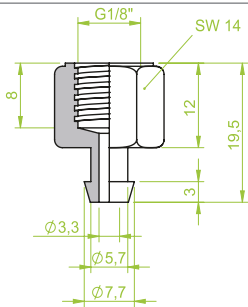
Ø 20 mm

Art.: 10.020.116._

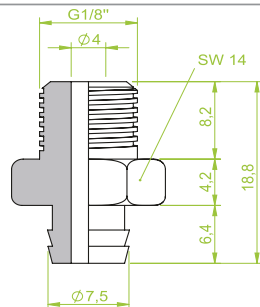
Gewicht | Weight 2.0 gr
Hub | Stroke 3.0 mm



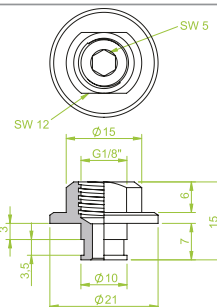
Art.: 130.109 G 1/8" IG



Art.: 130.238 G 1/8" AG



Art.: 130.251



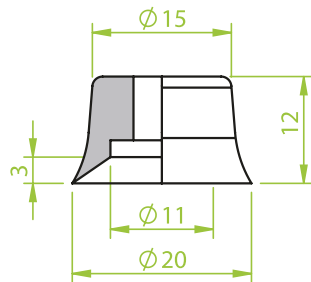
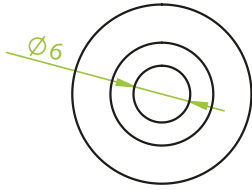
Art.: 130.

Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.140._

Gewicht | Weight 2.0 gr
Hub | Stroke 3.0 mm

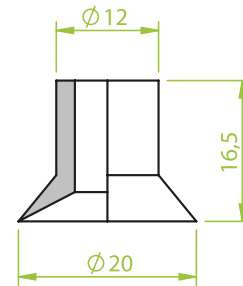
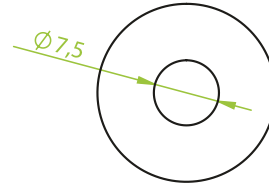


Flachsauger | Flat cups

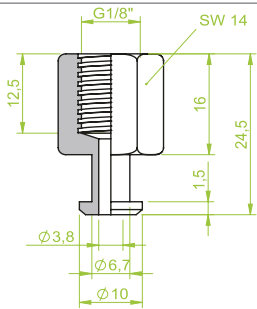
Ø 20 mm

Art.: 10.020.176._

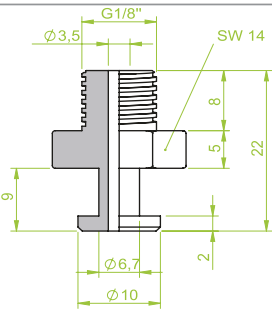
Gewicht | Weight 1.2 gr
Hub | Stroke 3.0 mm



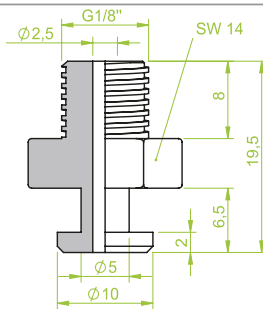
Art.: 130.019 G 1/8" IG



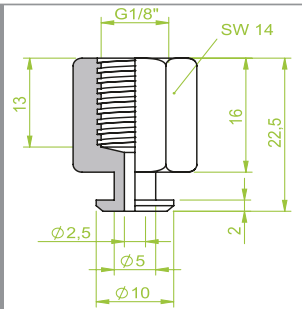
Art.: 130.030 G 1/8" AG



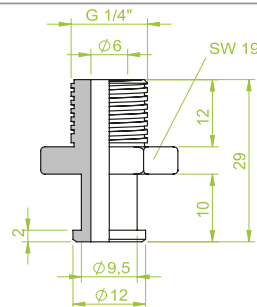
Art.: 130.006 G 1/8" AG



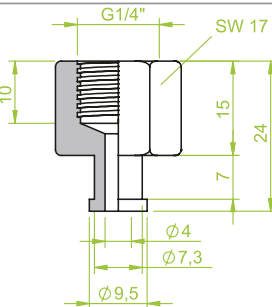
Art.: 130.018 G 1/8" IG



Art.: 130.274 G 1/4" AG



Art.: 130.275 G 1/4" IG

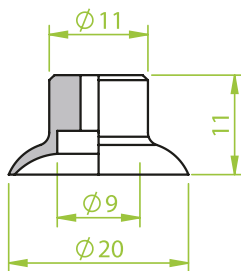
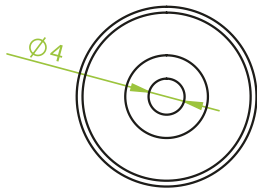


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.278_

Gewicht | Weight 1.0 gr
Hub | Stroke 2.5 mm

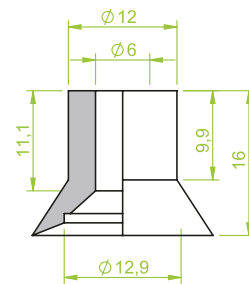
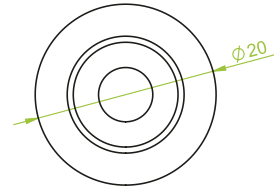


Flachsauger | Flat cups

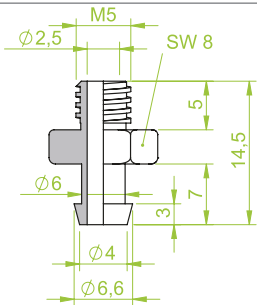
Ø 20 mm

Art.: 10.020.282_

Gewicht | Weight 1.4 gr
Hub | Stroke 1.5 mm

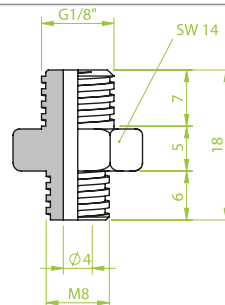


Art.: 130.317 M 5 AG

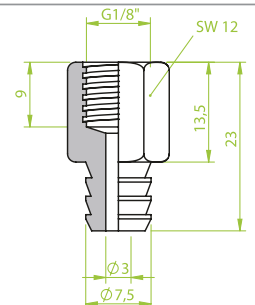


Art.: 130.

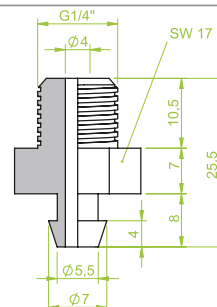
Art.: 130.131



Art.: 130.041



Art.: 130.194

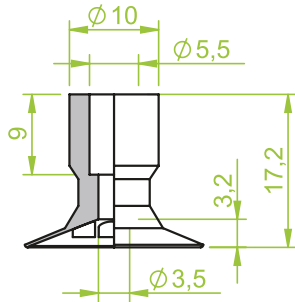
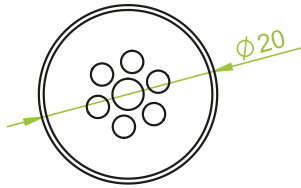


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.285_

Gewicht | Weight 1.2 gr
Hub | Stroke 0.5 mm

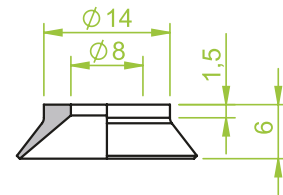
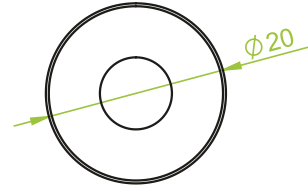


Flachsauger | Flat cups

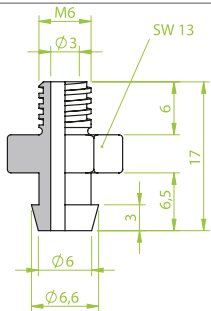
Ø 20 mm

Art.: 10.020.405_

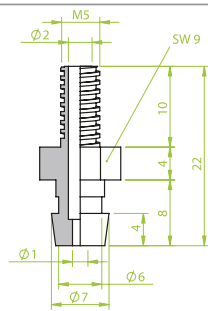
Gewicht | Weight 0.5 gr
Hub | Stroke 1.0 mm



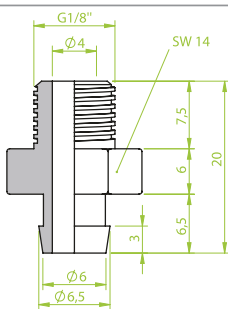
Art.: 130.103



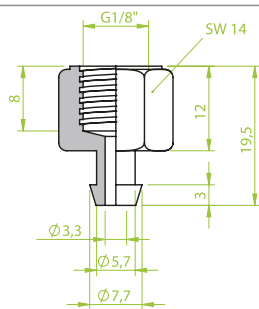
Art.: 130.197



Art.: 130.003



Art.: 130.109

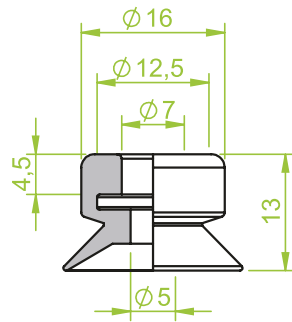
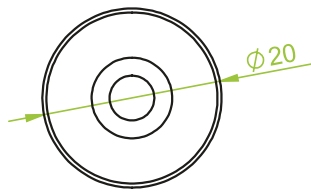


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.586_

Gewicht | Weight 1.8 gr
Hub | Stroke 3.0 mm

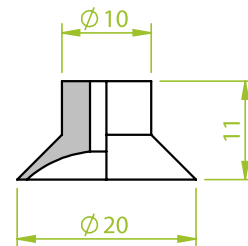
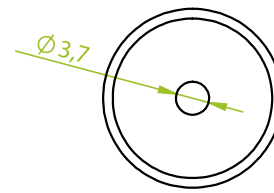


Flachsauger | Flat cups

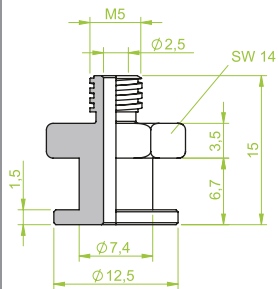
Ø 20 mm

Art.: 10.020.597_

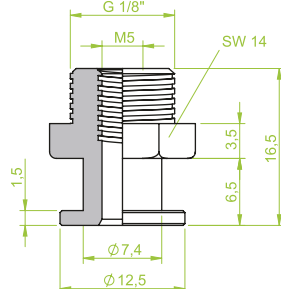
Gewicht | Weight 1.0 gr
Hub | Stroke 2.0 mm



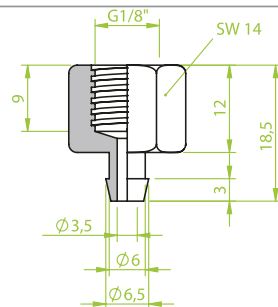
Art.: 130.604



Art.: 130.605

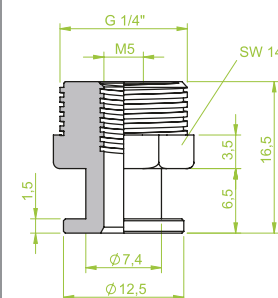


Art.: 130.015



Art.: 130.

Art.: 130.606

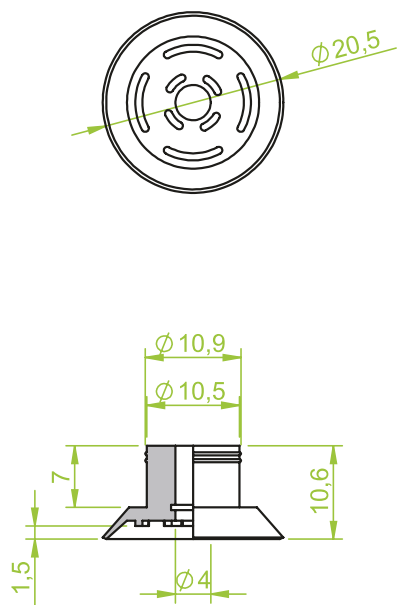


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.613._

Gewicht | Weight 0.8 gr
Hub | Stroke 1.0 mm

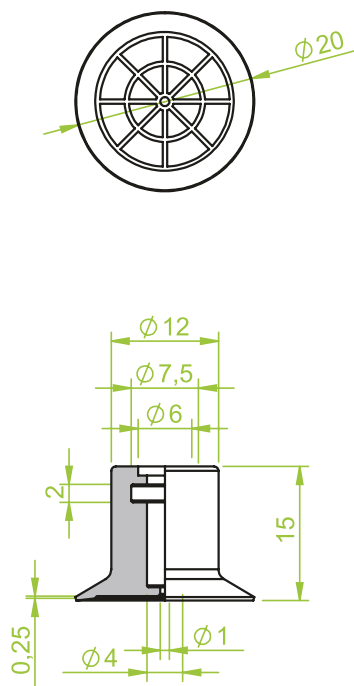


Flachsauger | Flat cups

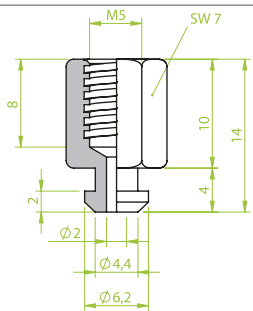
Ø 20 mm

Art.: 10.020.626._

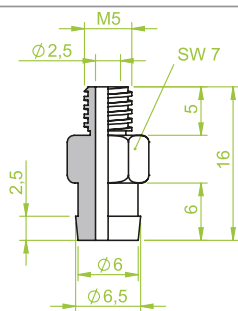
Gewicht | Weight 1.7 gr
Hub | Stroke 0.0 mm



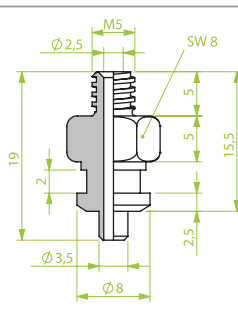
Art.: 130.005



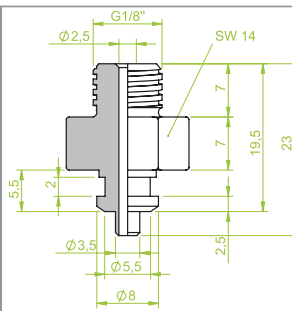
Art.: 130.013



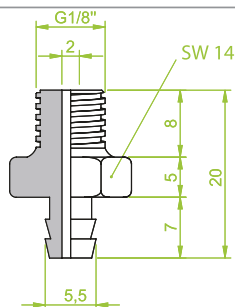
Art.: 130.037



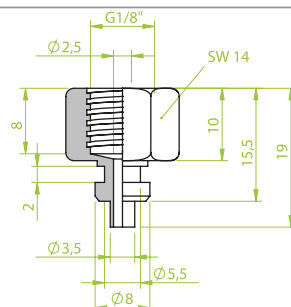
Art.: 130.085



Art.: 130.087



Art.: 130.086



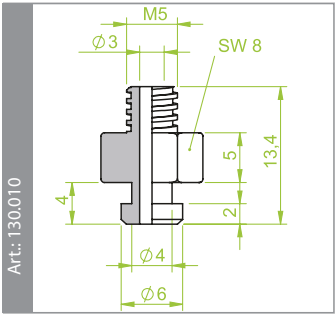
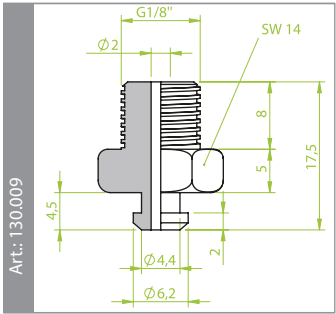
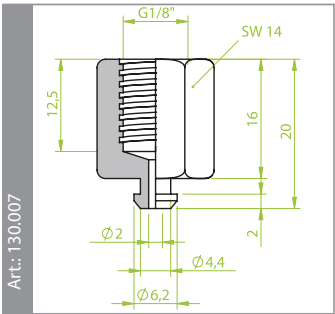
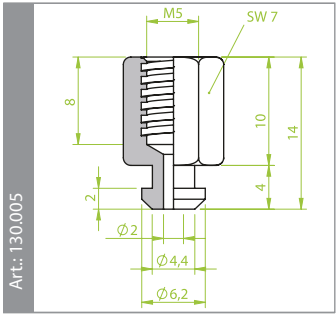
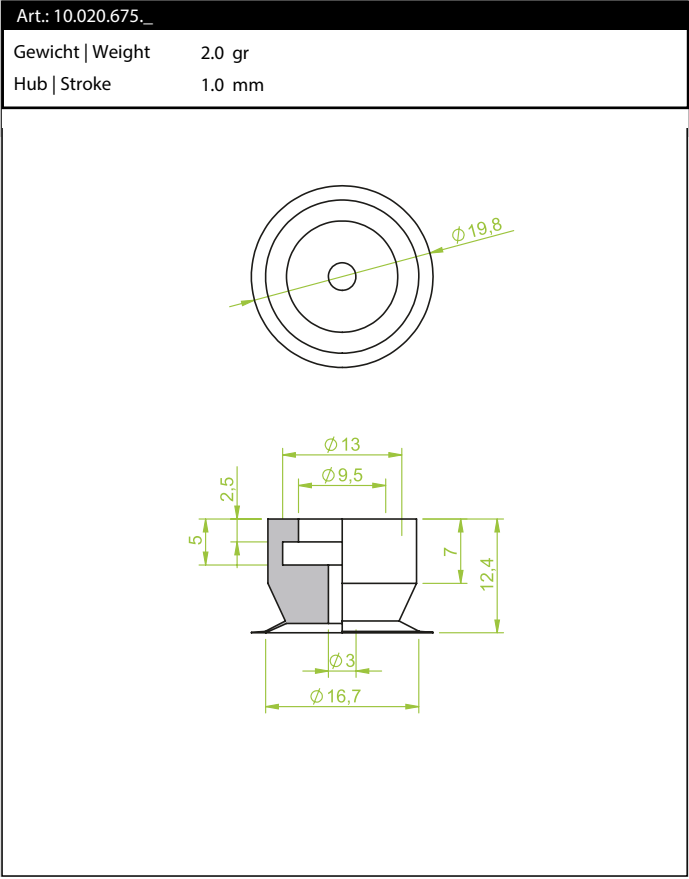
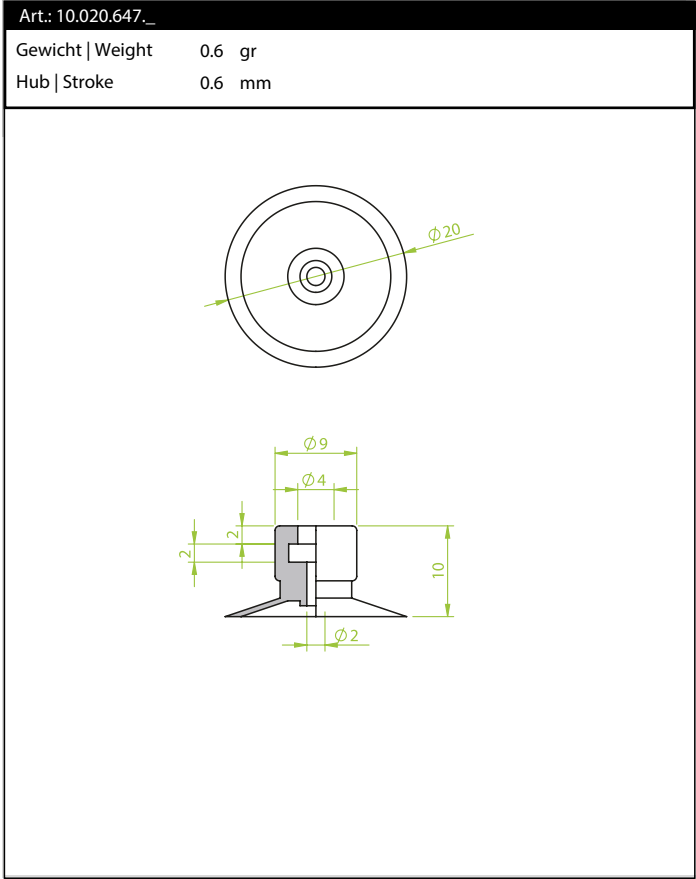
Art.: 130.

Flachsauger | Flat cups

Ø 20 mm

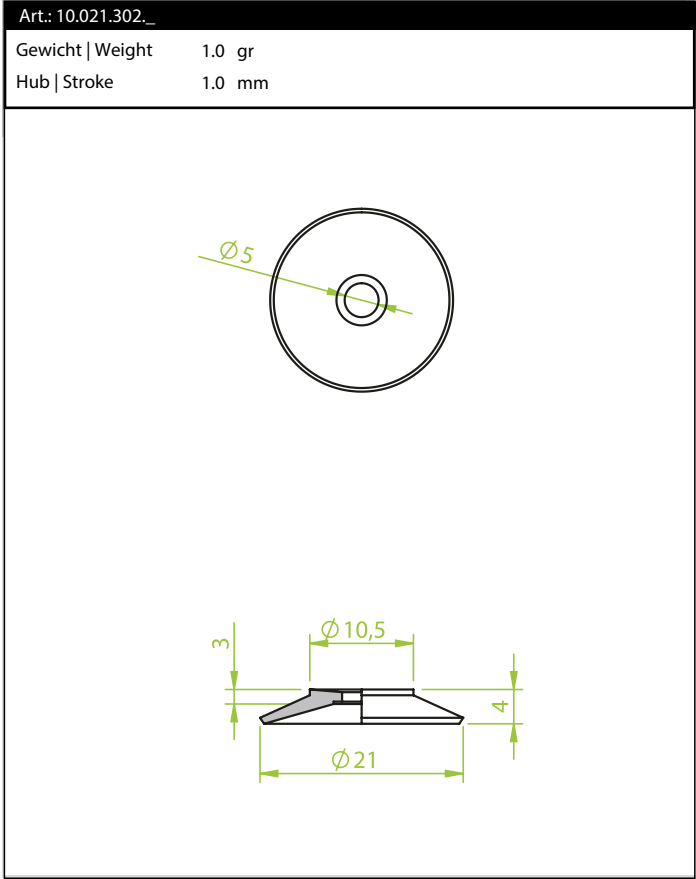
Flachsauger | Flat cups

Ø 20 mm



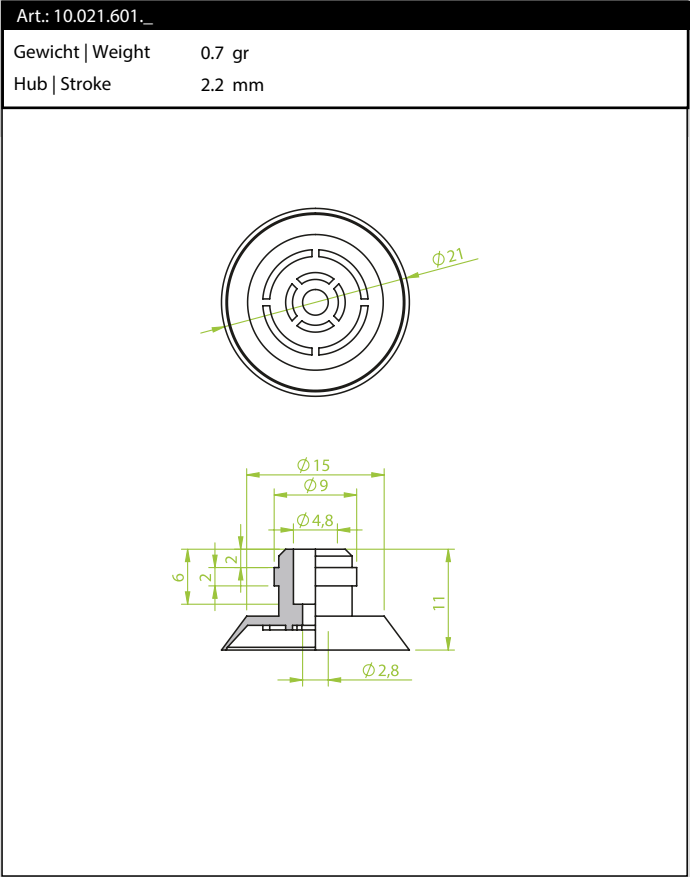
Flachsauger | Flat cups

Ø 21mm



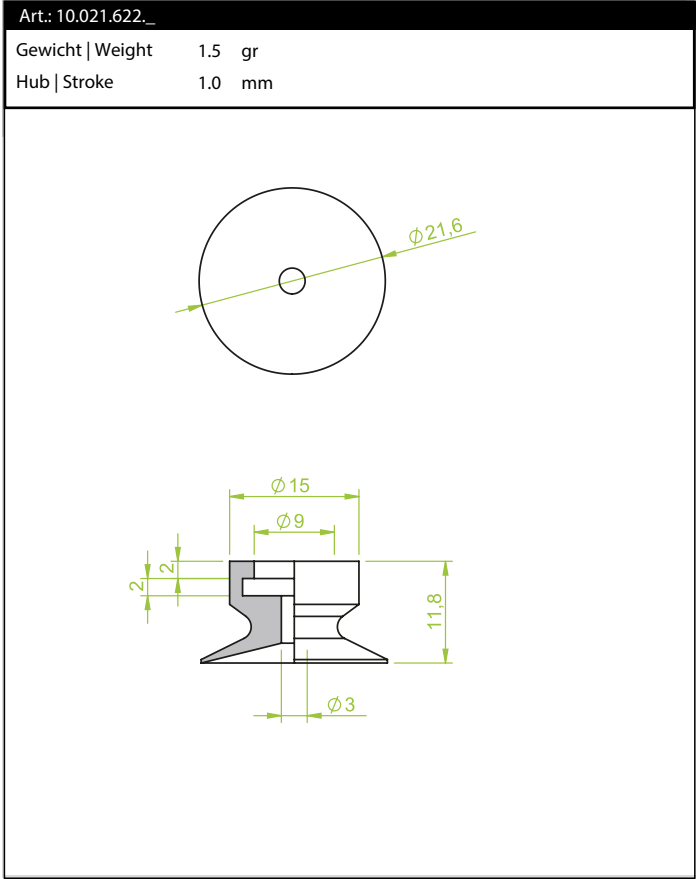
Flachsauger | Flat cups

Ø 21mm



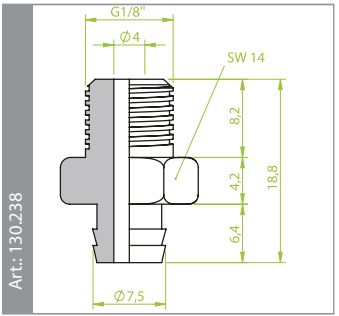
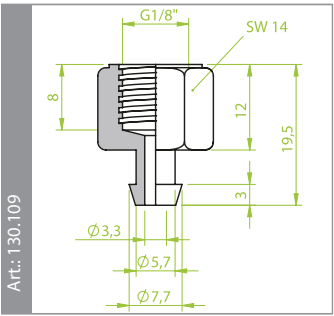
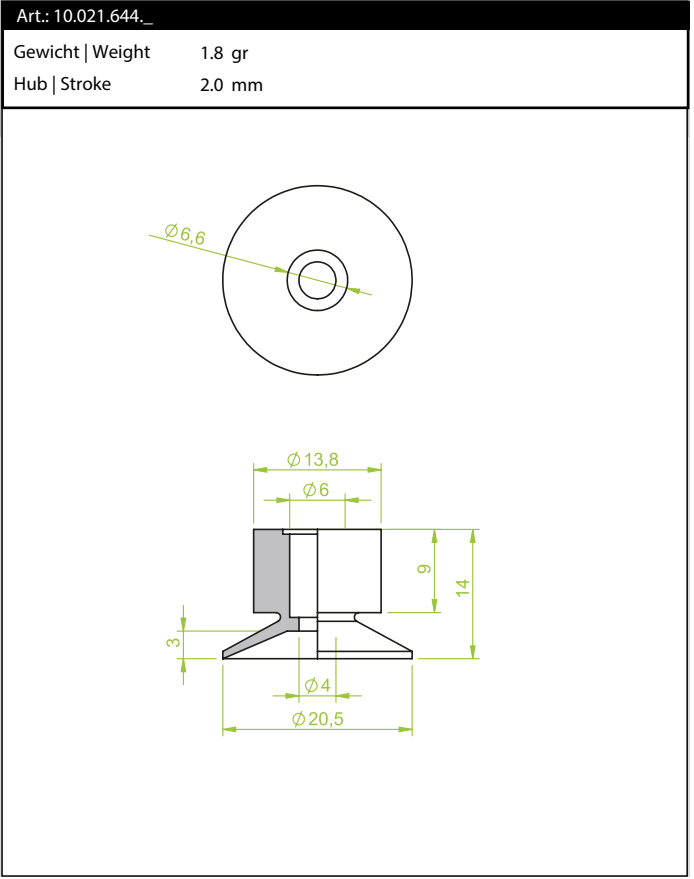
Flachsauger | Flat cups

Ø21 mm



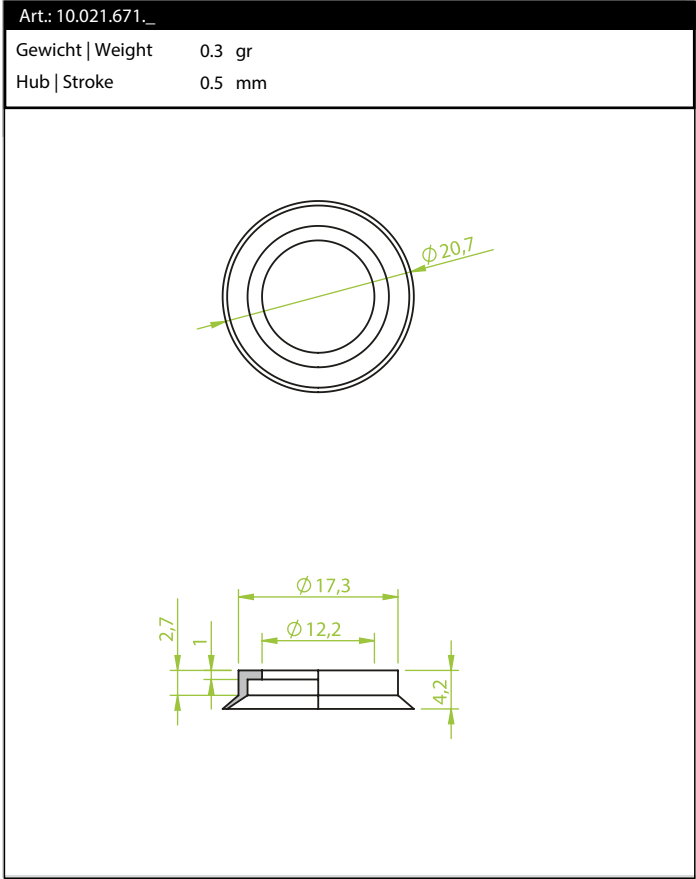
Flachsauger | Flat cups

Ø 21mm



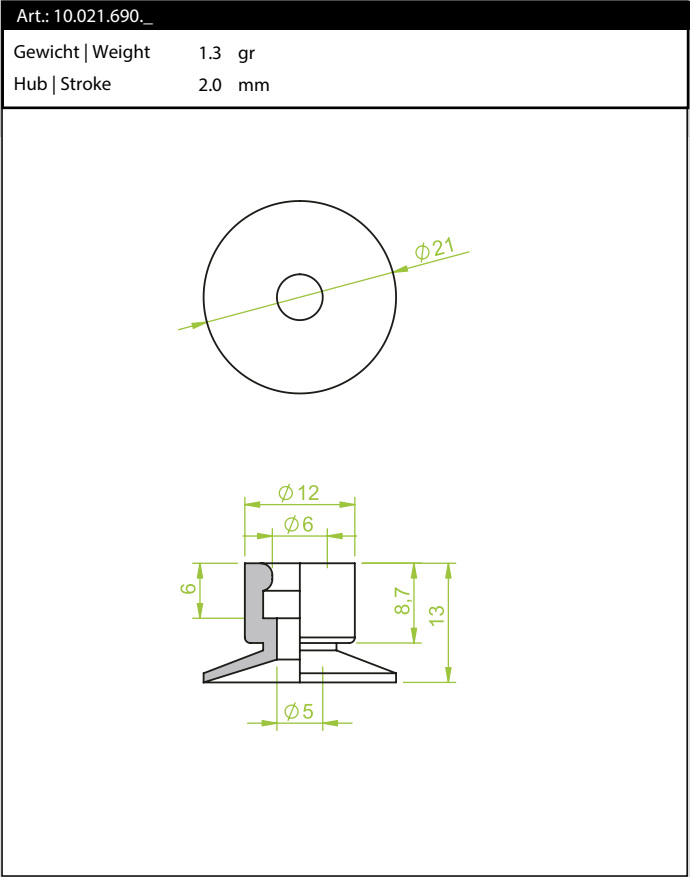
Flachsauger | Flat cups

Ø 21 mm



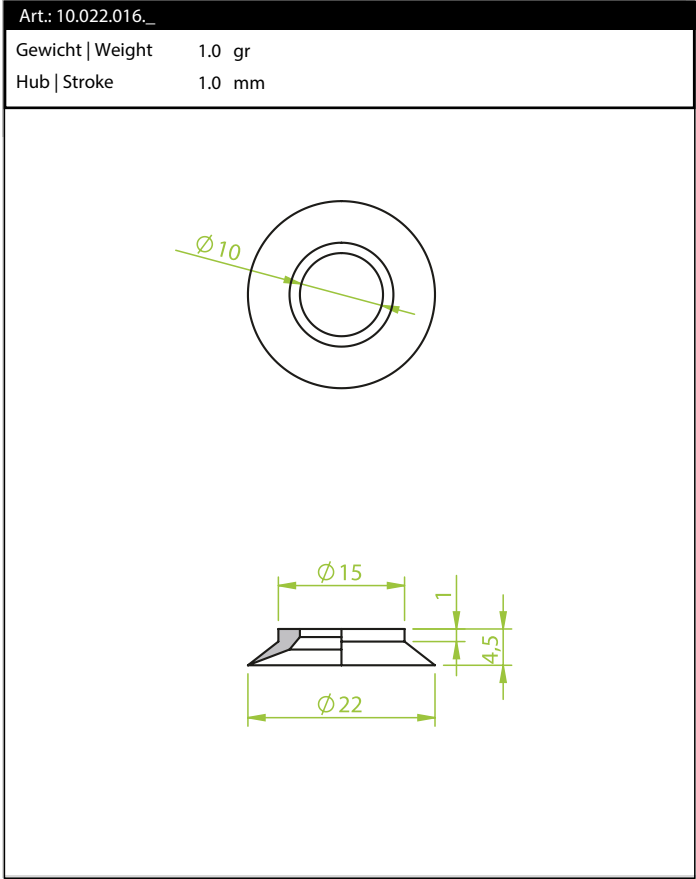
Flachsauger | Flat cups

Ø 21 mm



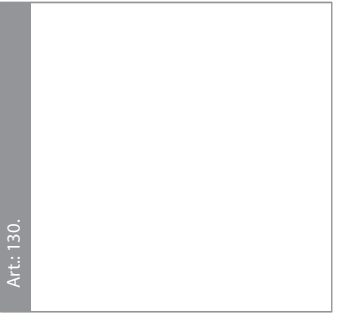
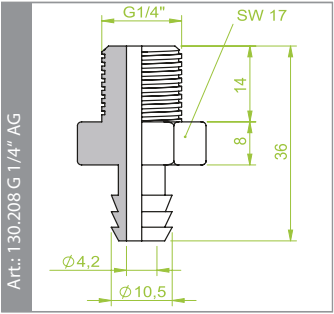
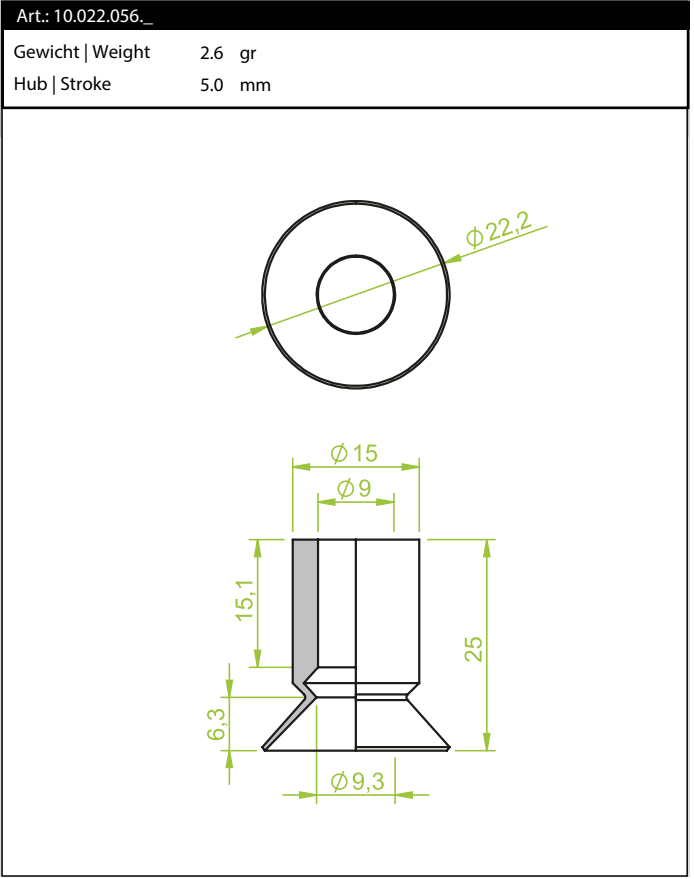
Flachsauger | Flat cups

Ø 22 mm



Flachsauger | Flat cups

Ø 22 mm

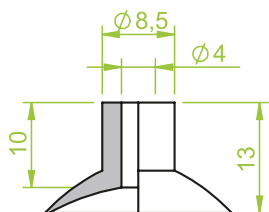
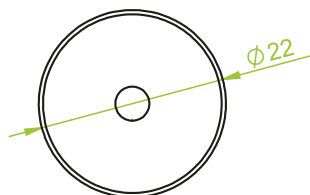


Flachsauger | Flat cups

Ø 22 mm

Art.: 10.022.203._

Gewicht | Weight 1.6 gr
Hub | Stroke 3.0 mm

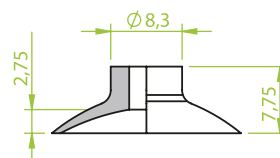
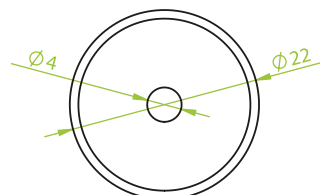


Flachsauger | Flat cups

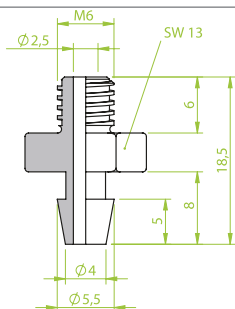
Ø 22 mm

Art.: 10.022.663._

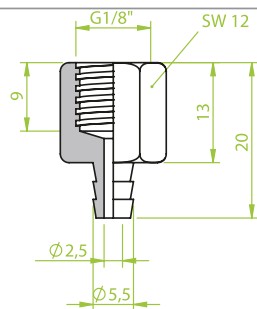
Gewicht | Weight 0.9 gr
Hub | Stroke 3.0 mm



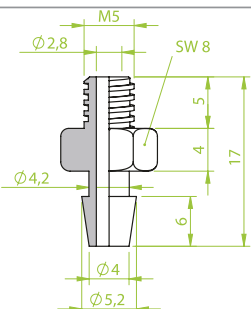
Art.: 130.104



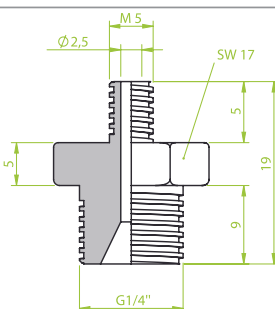
Art.: 130.035



Art.: 130.134



Art.: 130.227

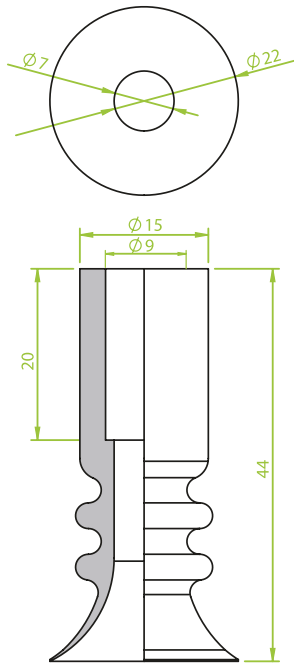


Flachsauger | Flat cups

Ø22 mm

Art.: 10.022.684._

Gewicht | Weight 4.4 gr
Hub | Stroke 3.0 mm

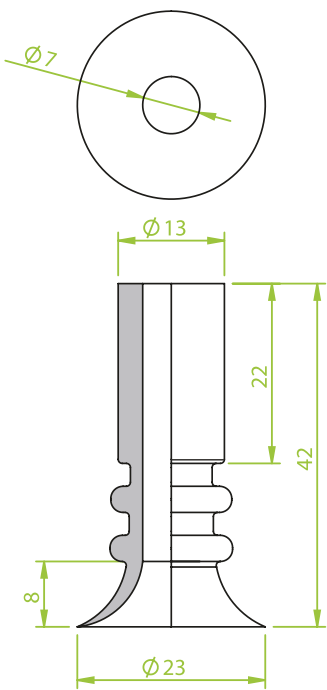


Flachsauger | Flat cups

Ø23 mm

Art.: 10.023.612._

Gewicht | Weight 4.1 gr
Hub | Stroke 4.0 mm

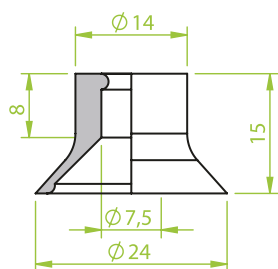
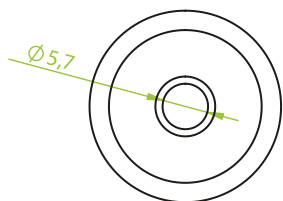


Flachsauger | Flat cups

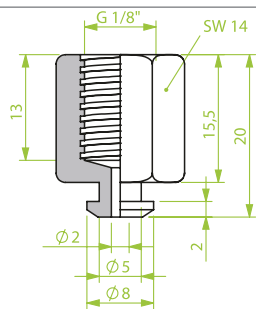
Ø24 mm

Art.: 10.024.351_

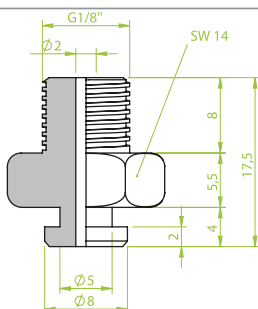
Gewicht | Weight 1.5 gr
Hub | Stroke 4.0 mm



Art.: 130.017



Art.: 130.021

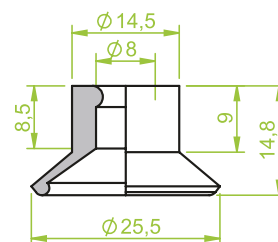
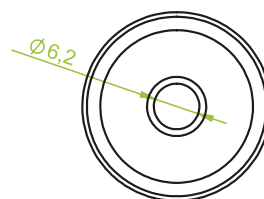


Flachsauger | Flat cups

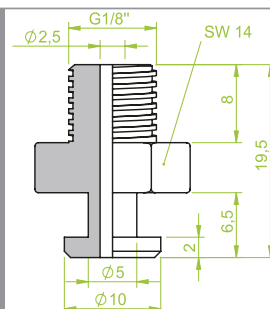
Ø25 mm

Art.: 10.025.010_

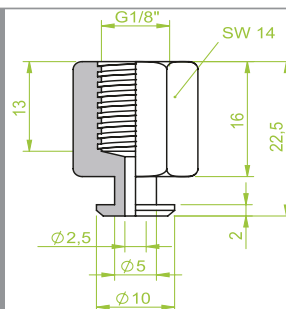
Gewicht | Weight 4.0 gr
Hub | Stroke 1.8 mm



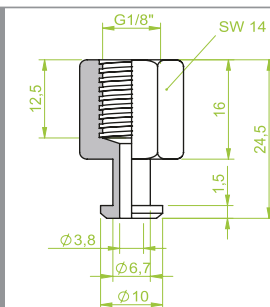
Art.: 130.006 G 1/8" AG



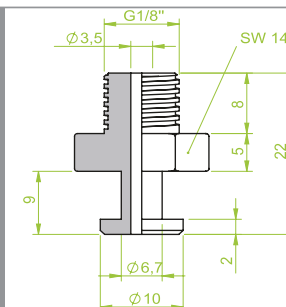
Art.: 130.018 G 1/8" IG



Art.: 130.019 G 1/8" IG

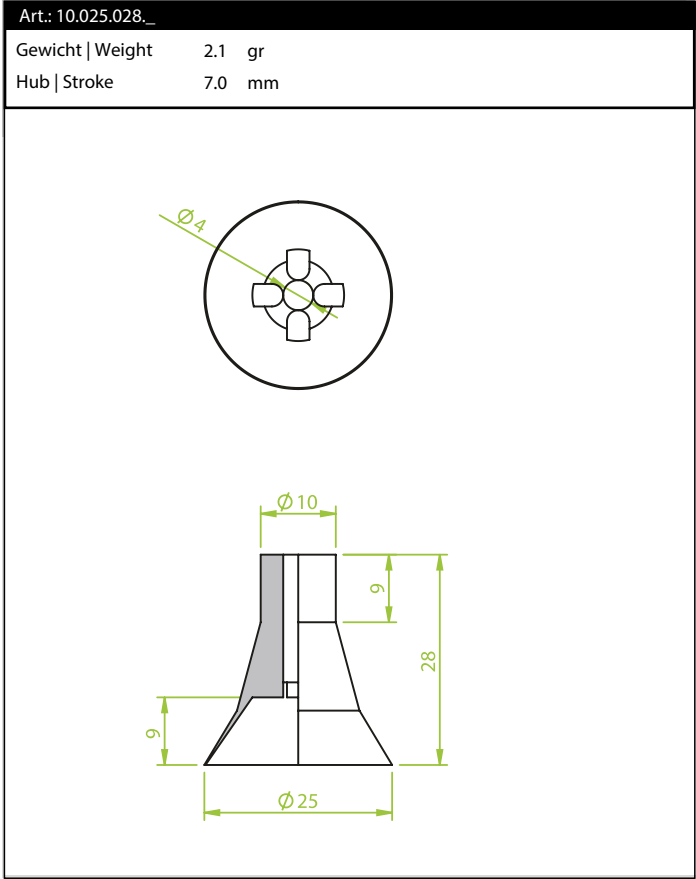


Art.: 130.030 G 1/8" AG



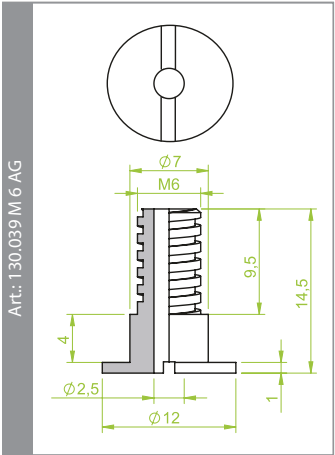
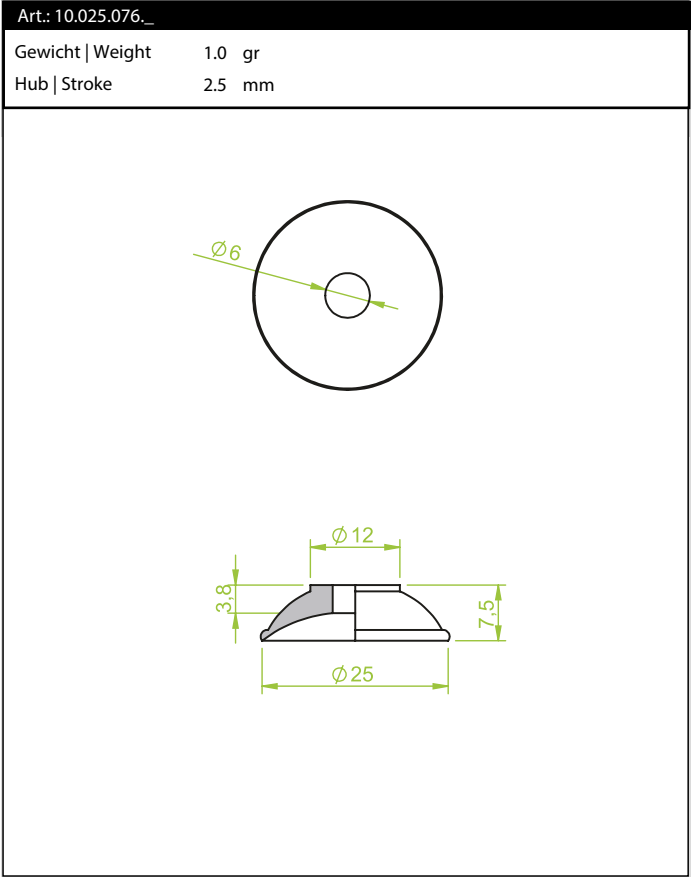
Flachsauger | Flat cups

Ø 25 mm



Flachsauger | Flat cups

Ø 25 mm

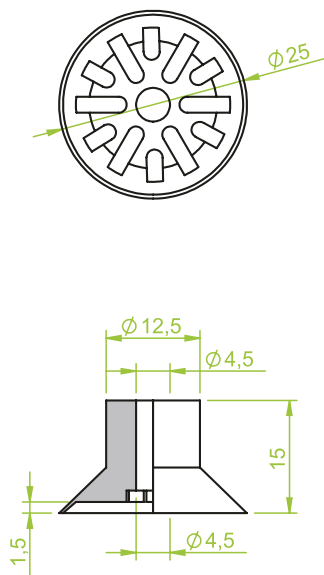


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.025.328._

Gewicht | Weight 2.0 gr
Hub | Stroke 1.5 mm

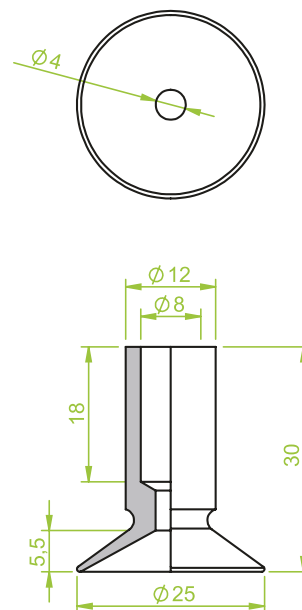


Flachsauger | Flat cups

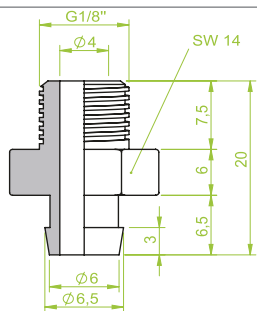
Ø 20 mm

Art.: 10.025.350._

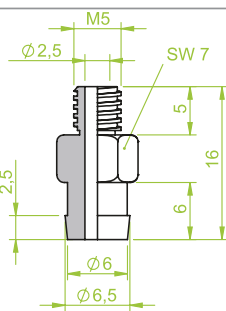
Gewicht | Weight 2.4 gr
Hub | Stroke 5.0 mm



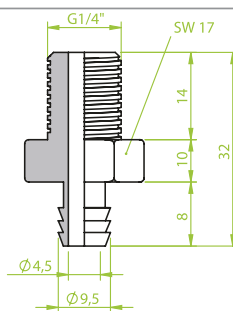
Art.: 130.003 G 1/8" AG



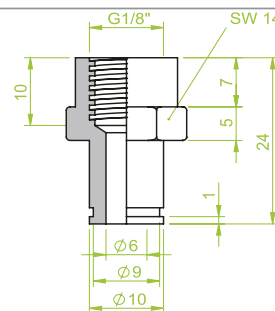
Art.: 130.013 M 5 AG



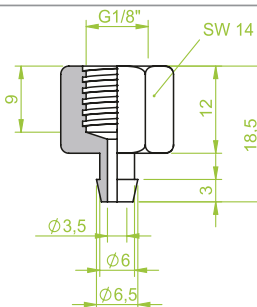
Art.: 130.043 G 1/4" AG



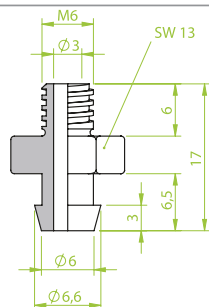
Art.: 130.114 G 1/8" IG



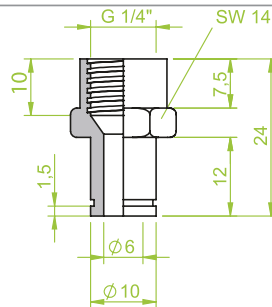
Art.: 130.015 G 1/8" IG



Art.: 130.103 M 6 AG

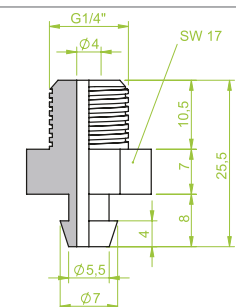


Art.: 130.178 G 1/4" IG



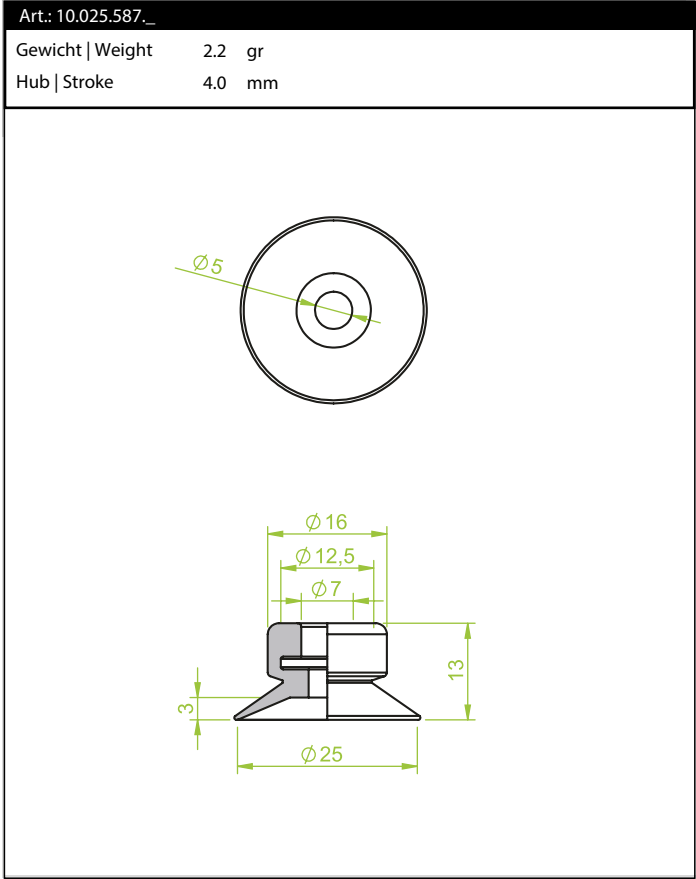
Art.: 130.

Art.: 130.194 G 1/4" AG



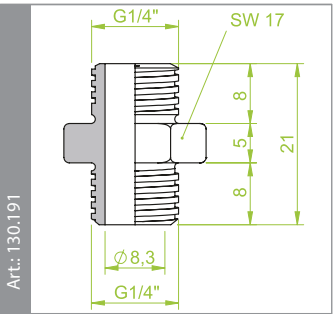
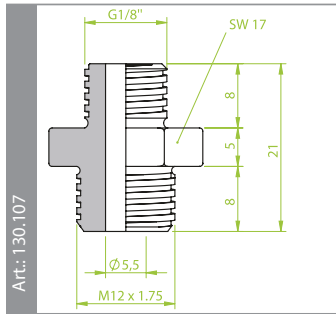
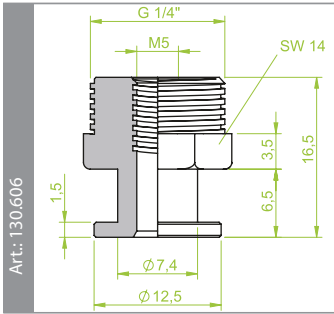
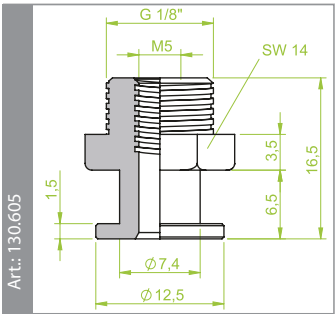
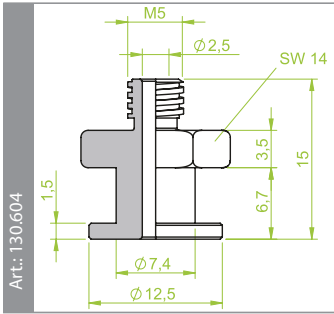
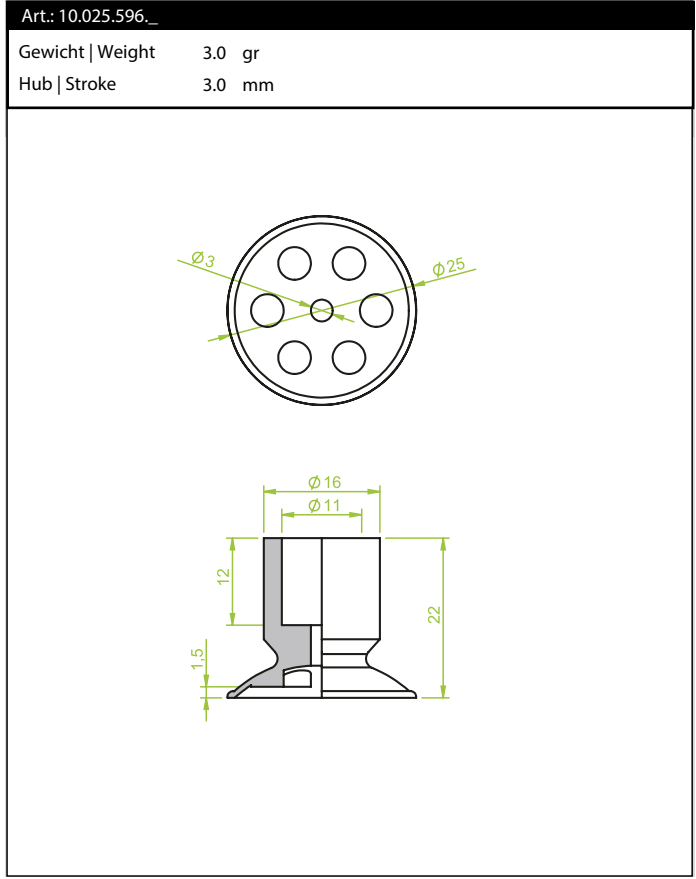
Flachsauger | Flat cups

Ø 20 mm



Flachsauger | Flat cups

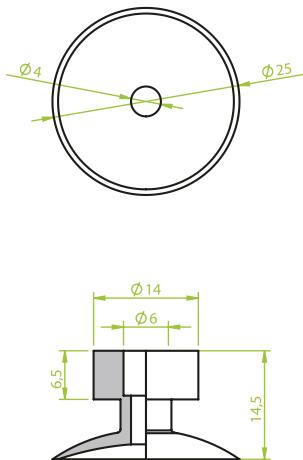
Ø 20 mm



Flachsauger | Flat cups

Ø 25 mm

Art.: 10.025.650._	
Gewicht Weight	1.5 gr
Hub Stroke	2.0 mm



Flachsauger | Flat cups

Ø 26 mm

Art.: 10.026.032._	
Gewicht Weight	1.0 gr
Hub Stroke	1.0 mm

