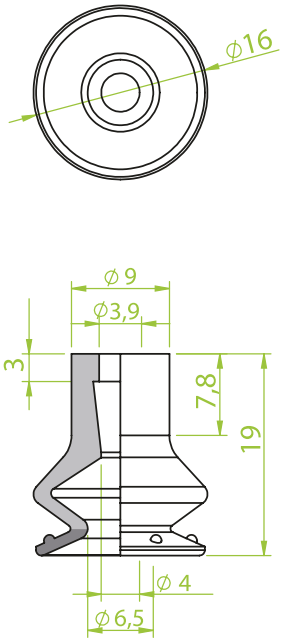
Multiflex |Balgensauger

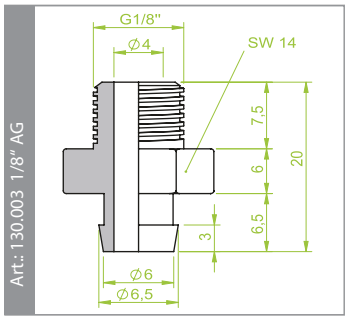
∅ 15 mm

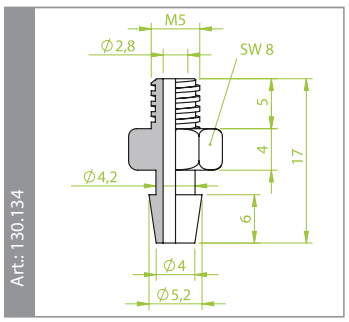


Art.: 210.015.800._

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







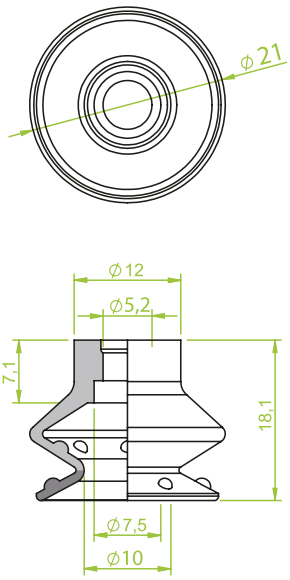
Multiflex | Balgensauger

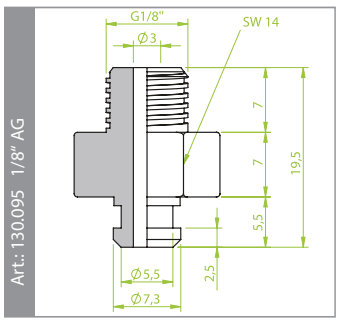
∅ 20 mm

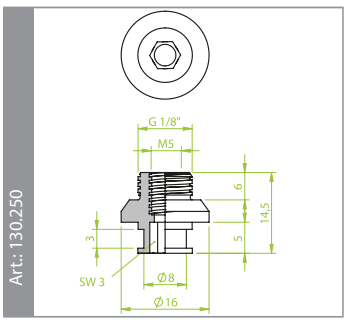


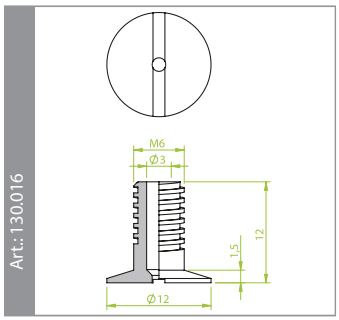
Art.: 210.020.801._

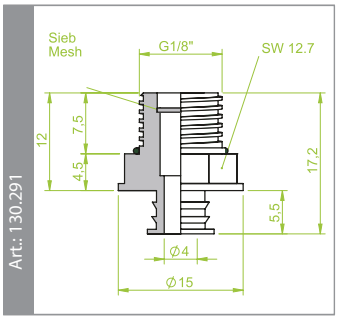
Material | *Material*	TPU, PU	Gewicht | *Weight*:	2. 04 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	7.6 mm











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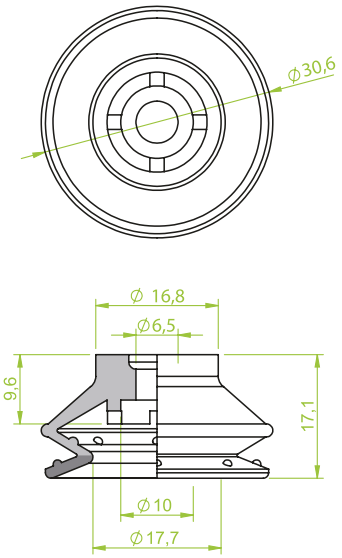
Multiflex |Balgensauger

∅ 30 mm



Art.: 210.030.802._

Material | *Material*	TPU, PU	Gewicht | *Weight*:	4. 5 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	7.5 mm



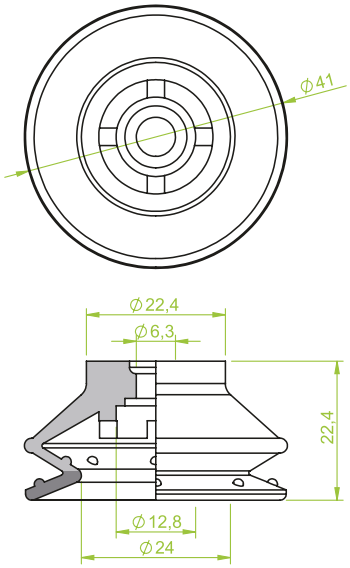
Multiflex | Balgensauger

∅ 40 mm

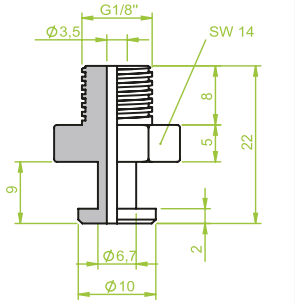


Art.: 210.040.803._

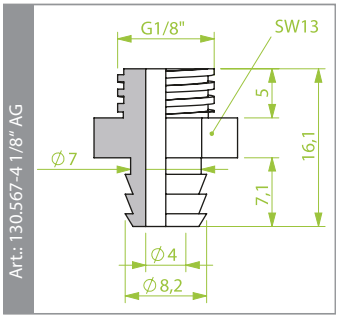
Material | *Material*	TPU, PU	Gewicht | *Weight*:	11. 7 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	9.3 mm



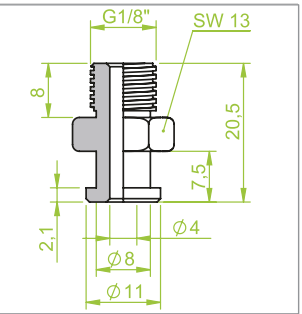
Art.: 130.030 1/8" AG



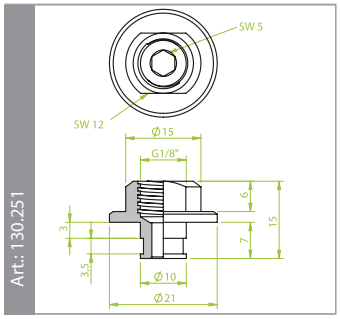
Art.: 130.567-41/8" AG



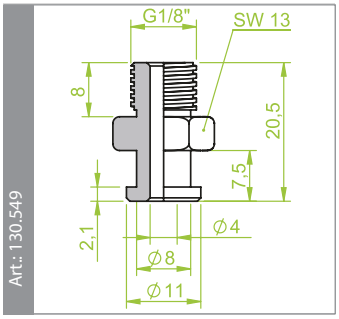
Art.: 130.549



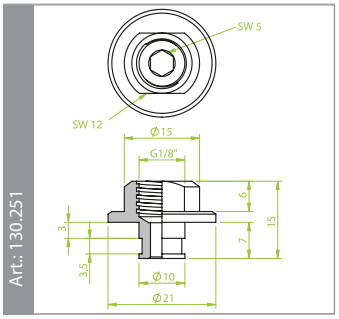
Art.: 130.251



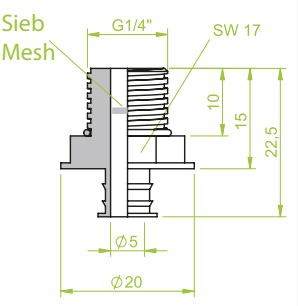
Art.: 130.549



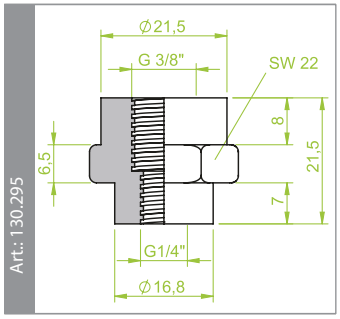
Art.: 130.251



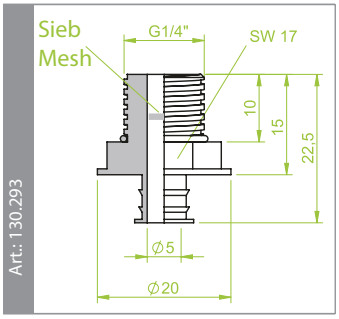
Art.: 130.293



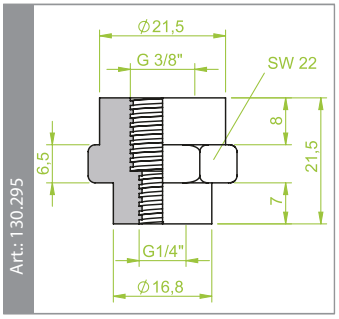
Art.: 130.295



Art.: 130.293



Art.: 130.295



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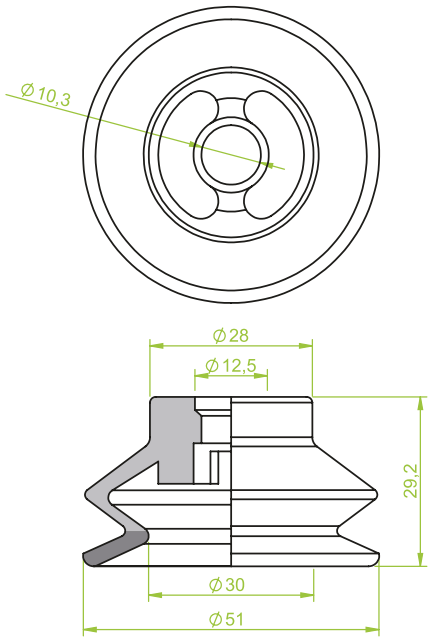
Multiflex |Balgensauger

∅ 50 mm



Art.: 210.050.804._

Material | *Material*	TPU, PU	Gewicht | *Weight*:	20. 5 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	14. 4 mm



Multiflex | Balgensauger

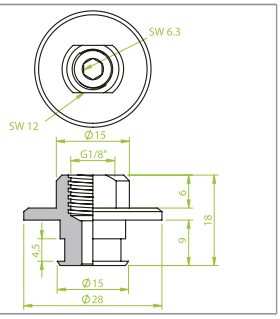
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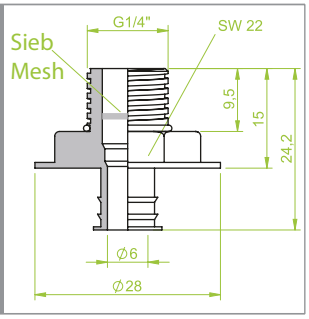
Art.:

Material | *Material*	Gewicht | *Weight*:
Shorehärte |*Shore hardness*	Hub | Stroke:

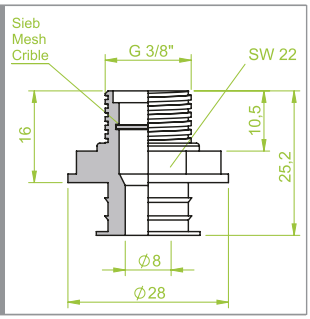
Art.: 130.252



Art.: 130.294



Art.: 130.296



Art.: 130.

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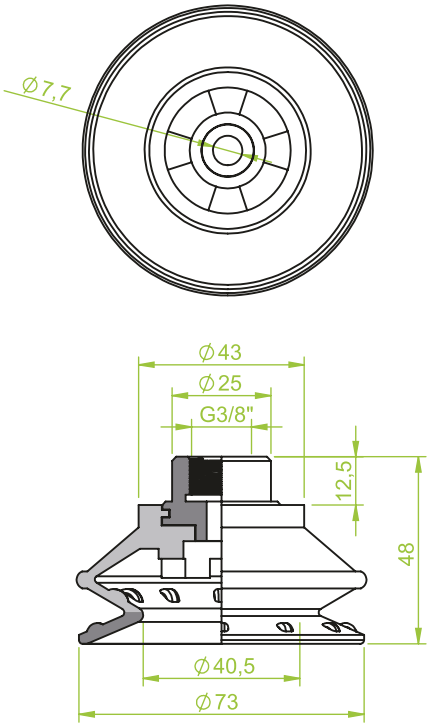
Multiflex |Balgensauger

∅ 70 mm



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

∅ x



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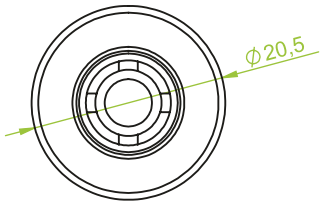
Multiflex |Balgensauger

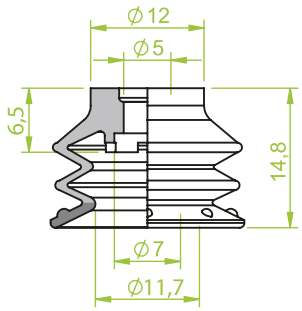
∅ 20 mm

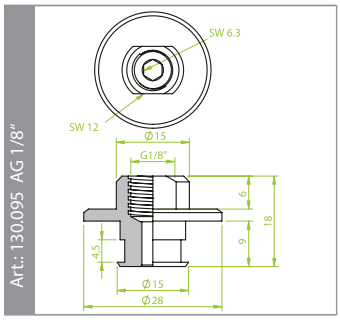


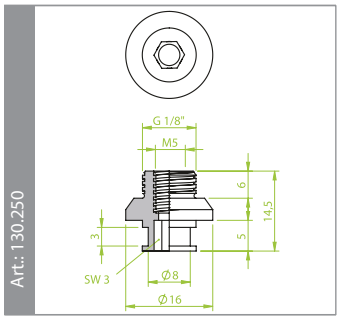
Art.: 220.020.800._

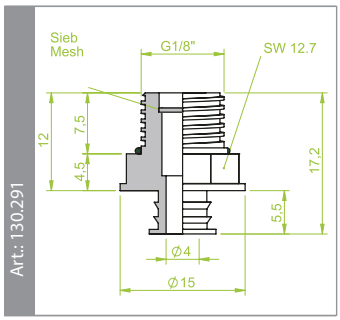
Material | *Material*	TPU, PU	Gewicht | *Weight*:	1. 6 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	6. 5 mm











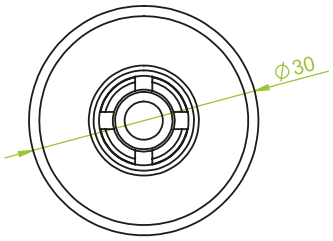
Multiflex | Balgensauger

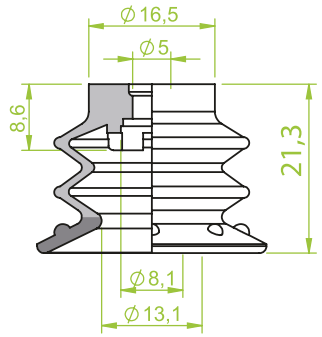
∅ 30 mm

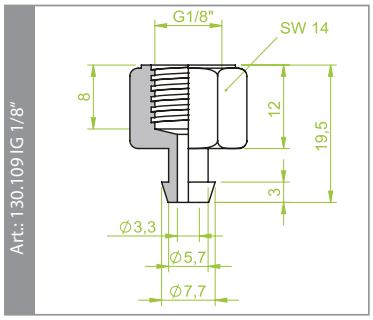


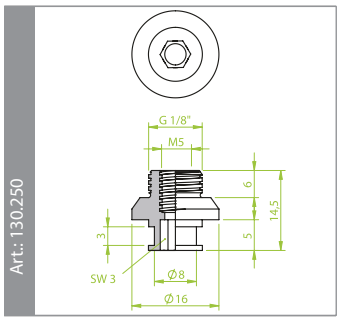
Art.: 220.030.801._

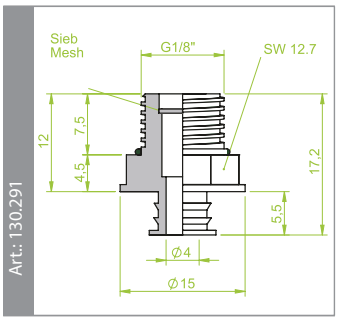
Material | *Material*	TPU, PU	Gewicht | *Weight*:	4. 4 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	11 mm











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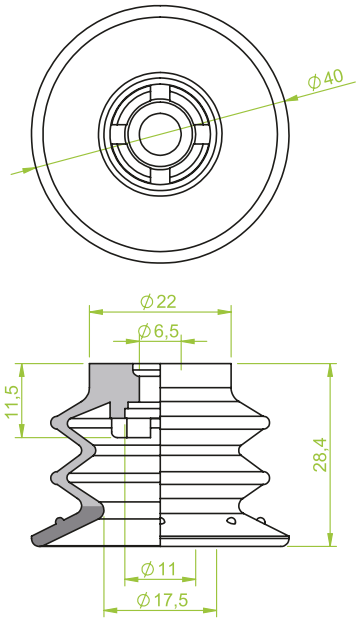
Multiflex |Balgensauger

∅ 40 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



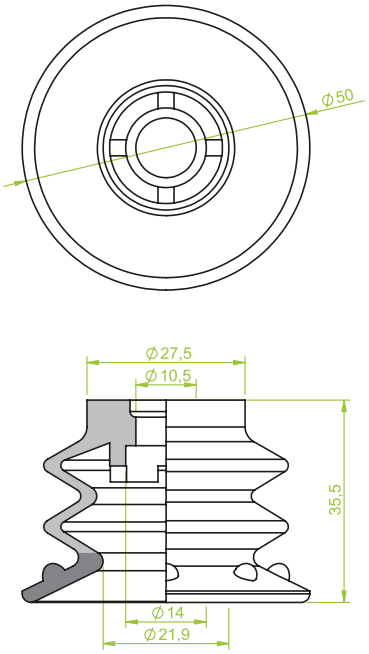
Multiflex | Balgensauger

∅ 50 mm

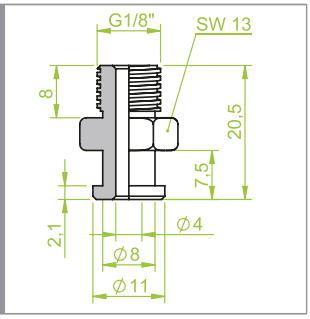


Art.: 220.050.803._

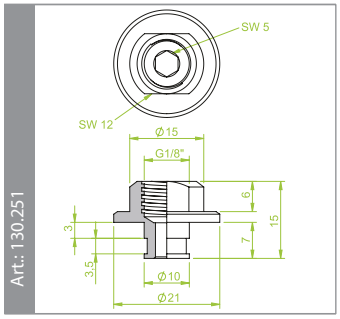
Material | *Material*	TPU, PU	Gewicht | *Weight*:	20.0 gr
Shorehärte |*Shore hardness*	30°/ 60°, 60°	Hub | Stroke:	20.0 mm



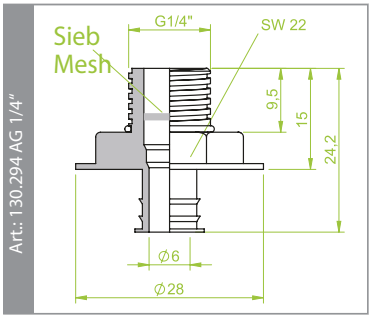
Art.: 130.549



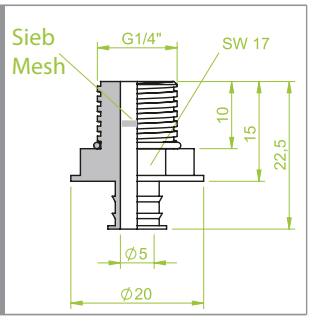
Art.: 130.251



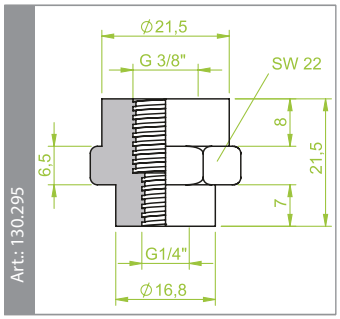
Art.: 130.294 AG 1/4"



Art.: 130.293



Art.: 130.295



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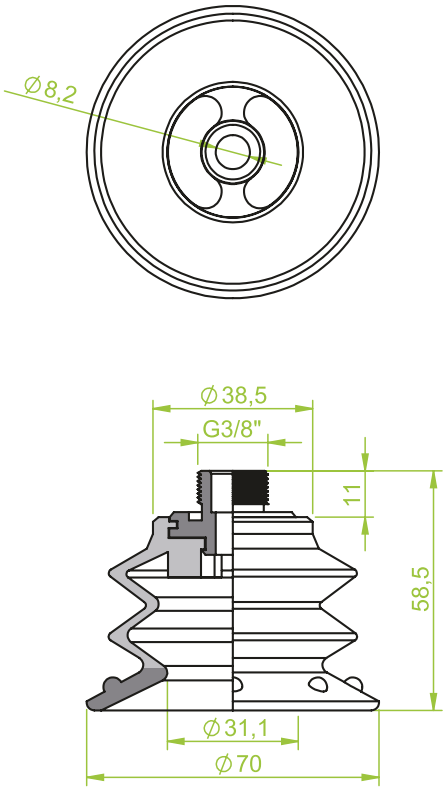
Multiflex |Balgensauger

⌀ 70 mm



Art.: 224.070.800._

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



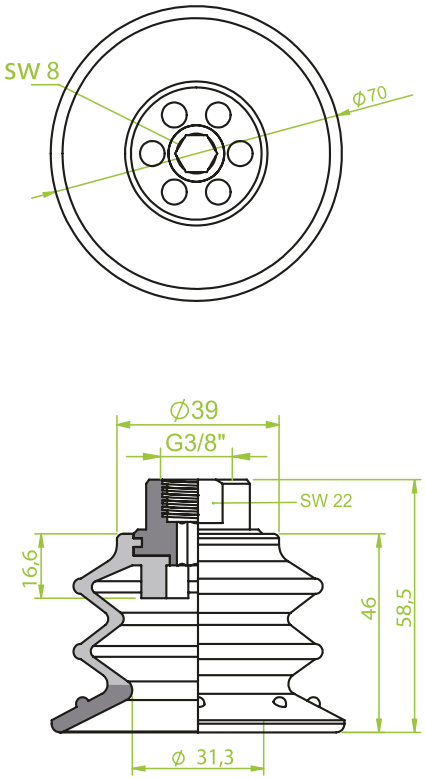
Multiflex | Balgensauger

⌀ 70 mm



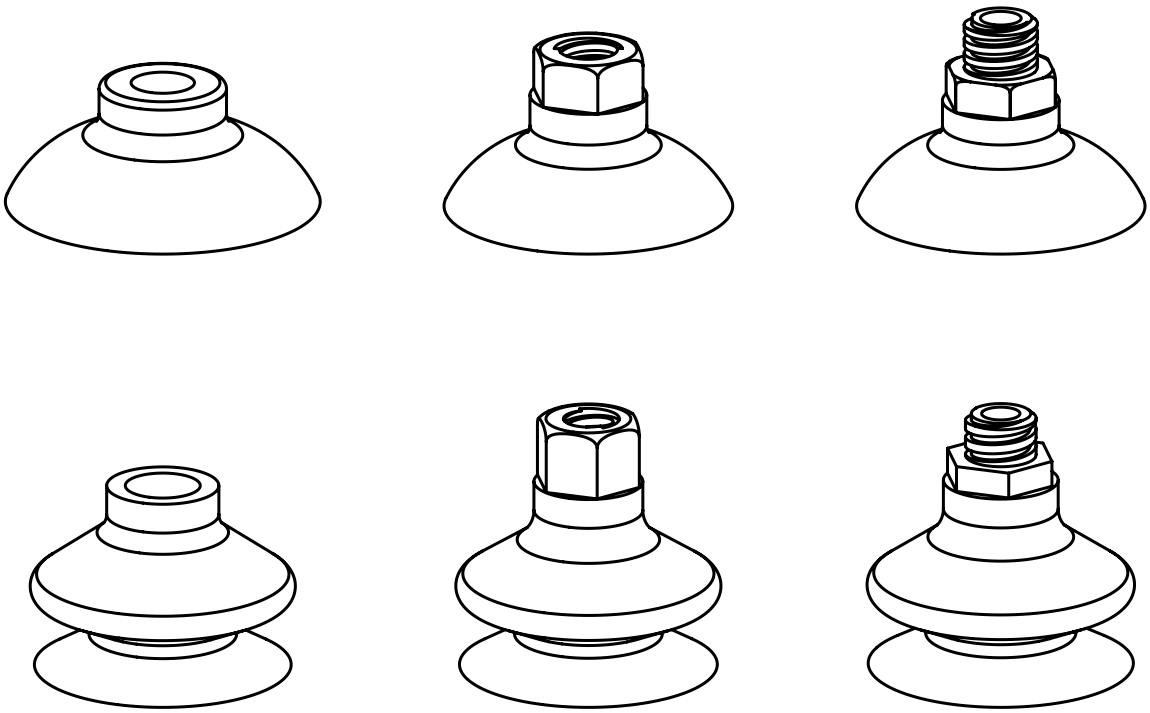
Art.: 223.070.800._

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



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VAC Reihe / *VAC line*



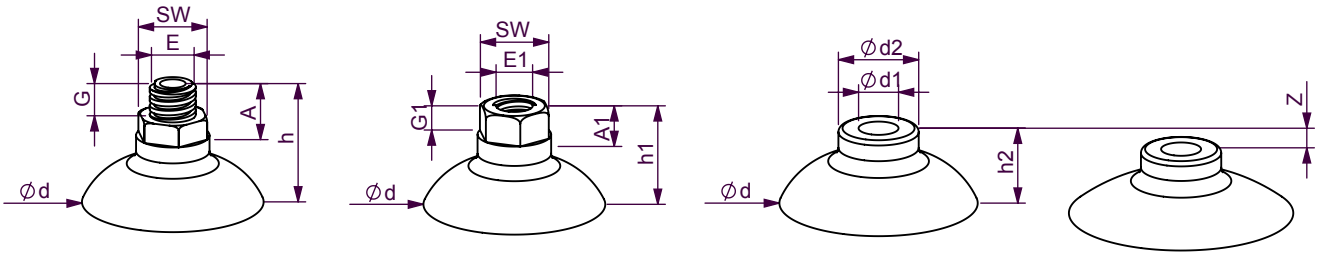
Morali Produktionstechnik GmbH
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Email: info@morali-gmbh.de
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01=NBR, 02=S (Silikon/*silicone*), 03=NR (Naturgummi/*natural rubber*), 05=PU (Polyurethan/*polyurethane*), 06=EPDM, 07=FKM(Viton®)

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

*Weitere Materialien auf Anfrage
Further materials on request

I



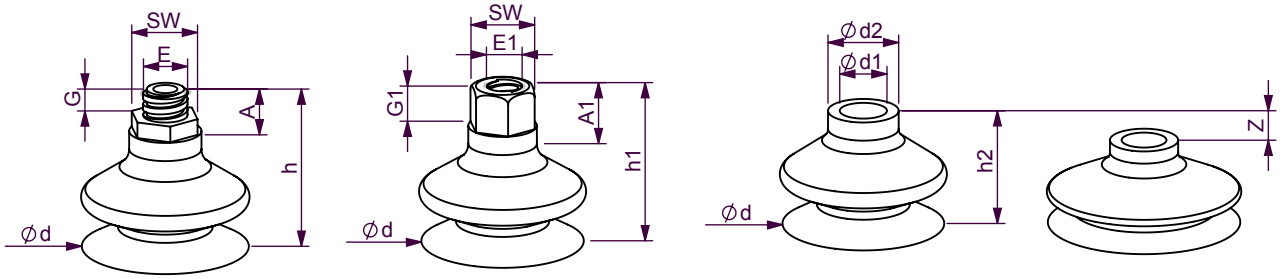
Aussengewinde *Male thread* (AG)	Innengewinde *Female thread* (IG)	Ersatzsauger *Spare Cup*	Material (*)	Ød	h	h1	h2	A	A1	Ød1	Ød2	E	E1	G	G1	SW	Z
14.020.052._	**13.020.074._**	**---**	NBR,S,NR,PU	20	24	24	12	12	12	8	5	G1/8"	G1/8"	8	8	14	3.5
14.034.053._	**13.034.075._**	**---**	NBR,S,NR,PU	34	29	29	14	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

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II



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
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

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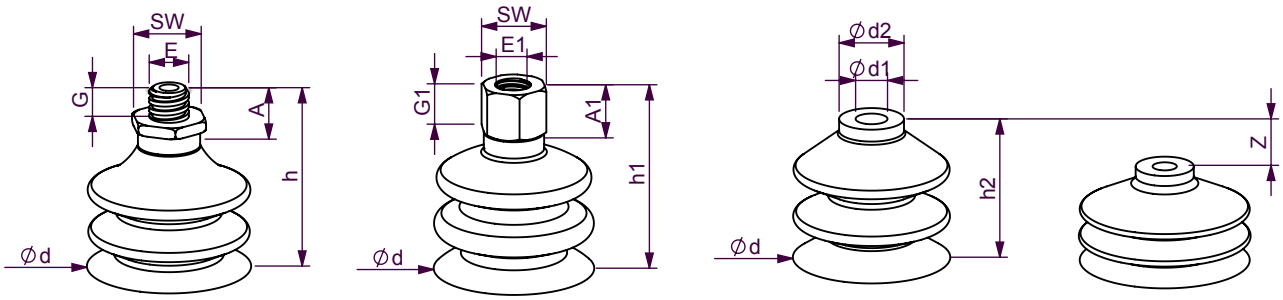
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*Weitere Materialien auf Anfrage
Further materials on request

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

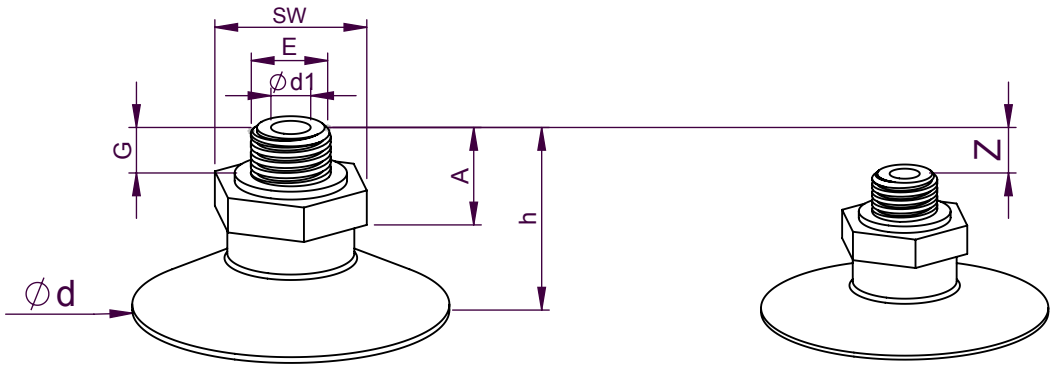
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*Weitere Materialien auf Anfrage
Further materials on request

I



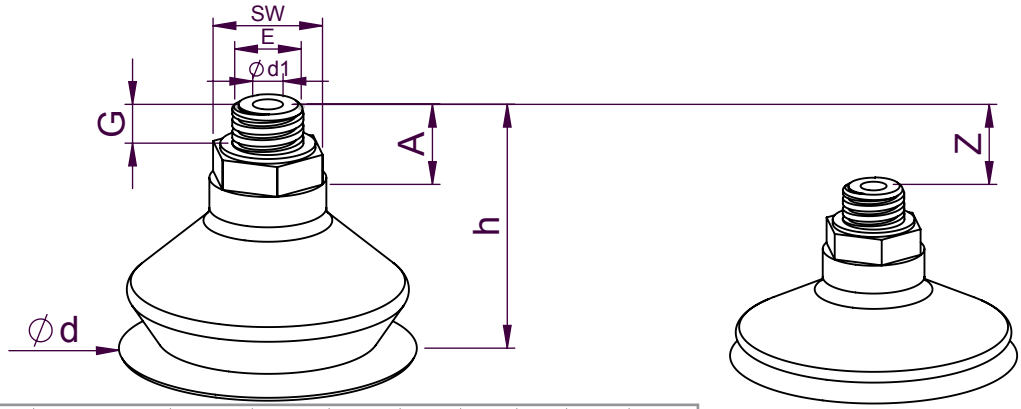
Aussengewinde *Male thread* (AG)	Material (*)	Ød	Ød1	E	h	A	G	SW	Z
Art. 14.008.041._	NBR,PU,S	8	2	M5	19.2	11.5	4	8	1.0
Art. 14.010.042._	NBR,PU,S	10	2	M5	19.2	11.5	4	8	1.0
Art. 14.015.043._	NBR,PU,S	15	3	G1/8"	20	12	4.7	13	1.2
Art. 14.030.044._	NBR,PU,S	30	3	G1/8"	21.5	12	4.7	13	2.0
Art. 14.040.045._	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

II



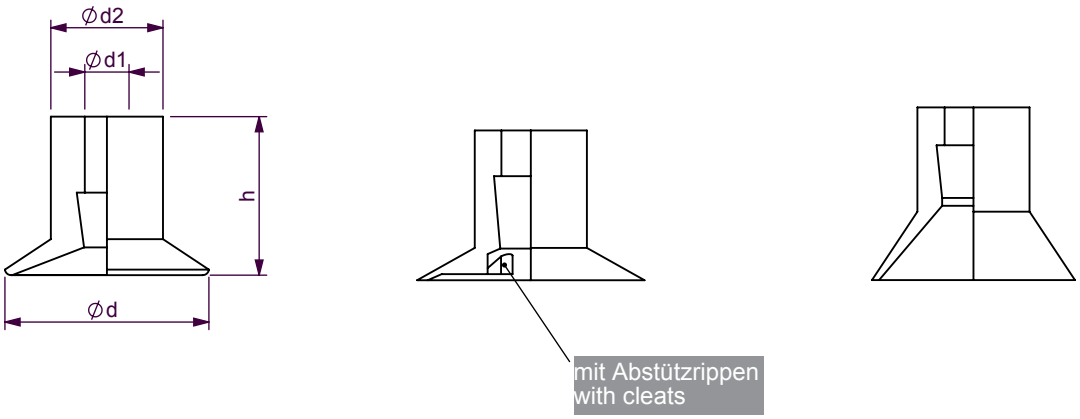
Aussengewinde *Male thread* (AG)	Material (*)	Ød	Ød1	E	h	A	G	SW	Z
Art. 214.008.011._	NBR,S,PU	8	0.5	M5	22.5	11.5	3.5	8	3.0
Art. 214.015.012._	NBR,S,PU	15	3	G1/8"	25.5	12	4.7	13	5.5
Art. 214.030.013._	NBR,S,PU	30	3	G1/8"	34	12	4.7	13	13.0
Art. 214.040.014._	NBR,S,PU	40	3	G1/4"	43	16	5.8	17	14.0
Art. 214.055.015._	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*)

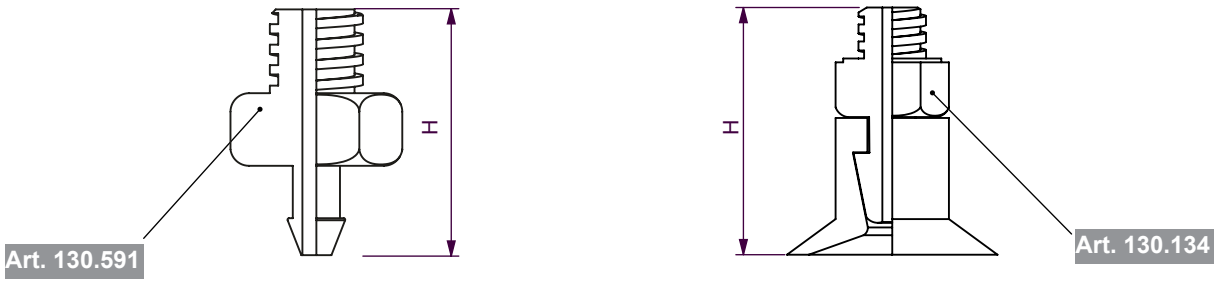
Andere Artikel auf Anfrage / *Products available from stock / Other products on request*

*Weitere Materialien auf Anfrage
Further materials on request

VAC-1 VAC-2 VAC-3

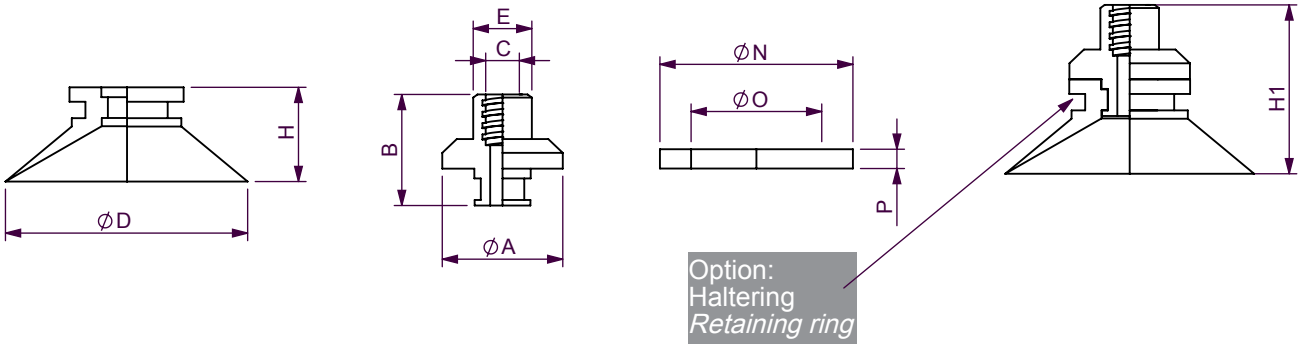


VAC	Flachsauger *Flat vacuum cups*	Art.			Ød	Ød1	Ød2	h	H	Komplett mit Anschlussteil *Complete with fitting*
VAC-1	**Art. 10.005.034._**	**130.591**	0.5 mm	0.1 g	5.0	2.0	4.5	6.0	14.4	**Art. 12.005.040._**
VAC-1	**Art. 10.007.035._**	**130.591**	1.0 mm	1.1 g	7.0	2.0	5.0	6.5	15.0	**Art. 12.007.041._**
VAC-1	**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._**



I

VAC | Fitting | Zubehör *Accessories* | Komplett *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"	Ø15	20	13	2.5
10.052.123._	52	17.5	27	28	18	G1/8"	Ø15	26	19	3.2

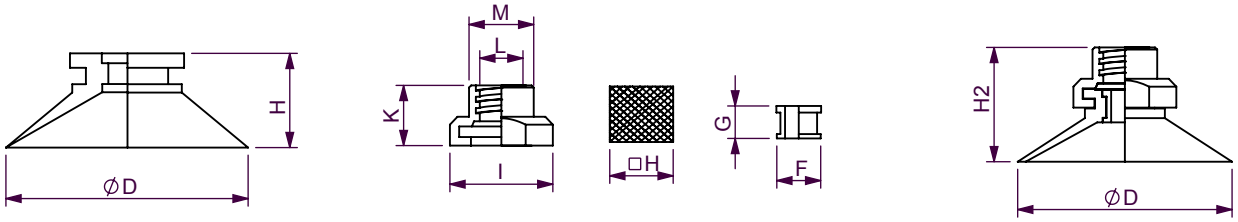
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

Weitere Materialien auf Anfrage
Further materials on request

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

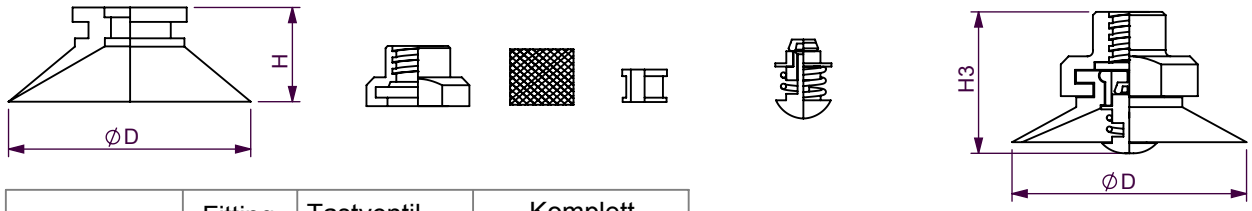
II

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 valve* | Komplett *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*

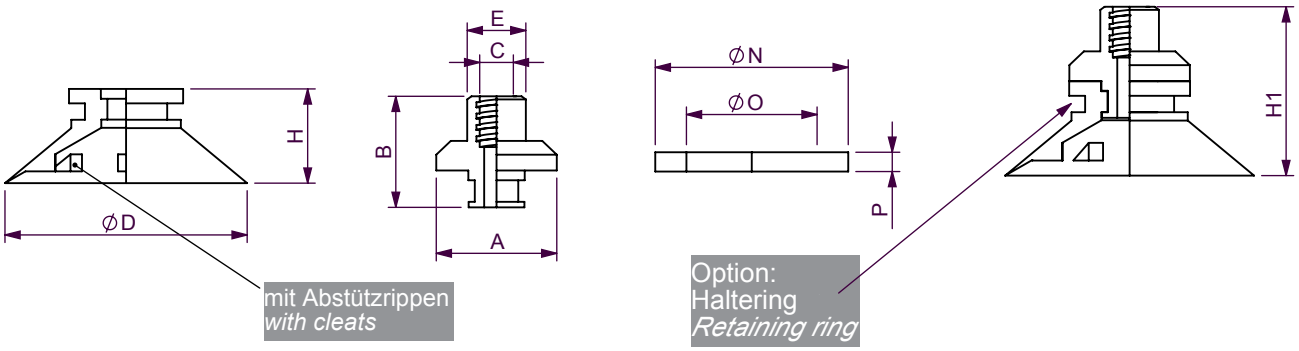
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material
Material 01=NBR, 02=S (Silikon/*silicone*)

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I

VAC | Fitting | Zubehör *Accessories* | Komplett *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.	ØD	H	H1	ØA	B	C	E	ØN	ØO	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"	Ø15	20	13	2.5
10.053.100._	53	17.5	27	28	18	G1/8"	Ø15	26	19	3.2

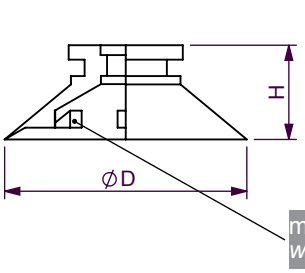
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

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

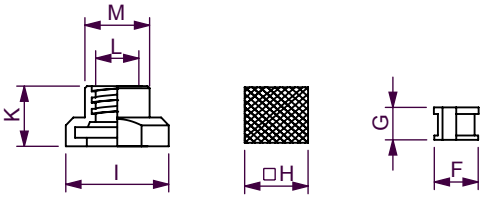
II

VAC

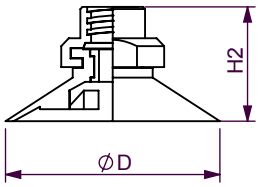


mit Abstützrippen
with cleats

Fitting

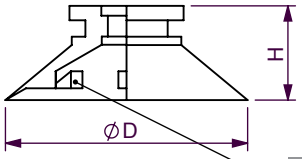


Komplett
Complete



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

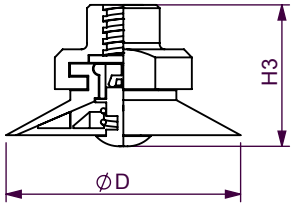
Fitting



Tastventil
Plunger valve



Komplett
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

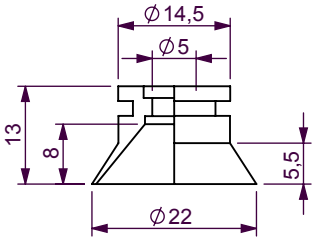
Weitere Materialien auf Anfrage
Further materials on request

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

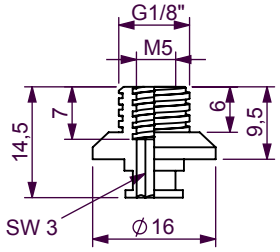
Flachsauger Ø22 u. Ø32 mm für unregelmäßige Flächen (Ecken, Kanten)

Flat vacuum cups Ø22 and Ø32 mm for irregular surfaces (corners, edges)

I



Art. 10.022.126._

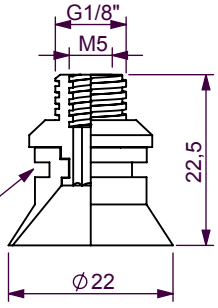


Art. 130.250

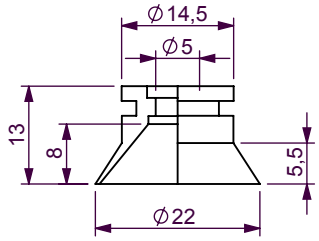


Option:
Haltering
Retaining ring

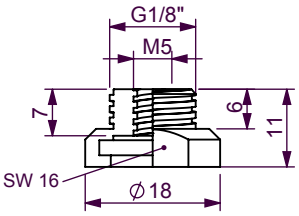
Art. HR.011



Art. 11.022.028._

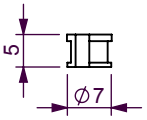


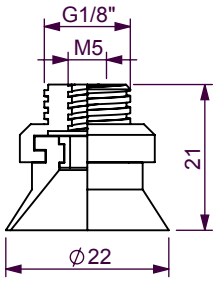
Art. 10.022.126._





Art. 130.135





Art. 11.022.025._

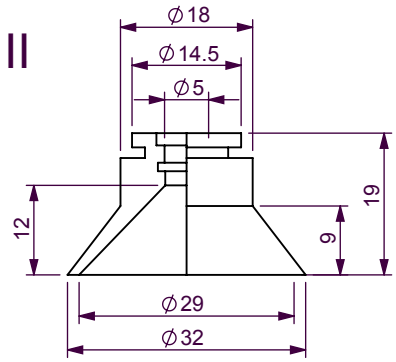




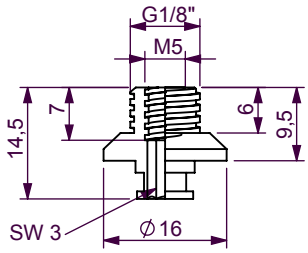
Material 01=NBR, 02=S (Silikon/*silicone*)

Weitere Materialien auf Anfrage
Further materials on request

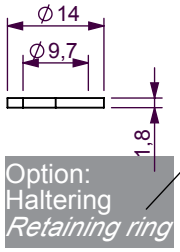
II



Art. 10.032.127._

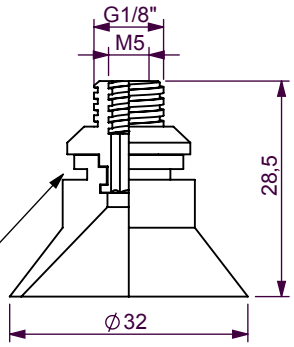


Art. 130.250

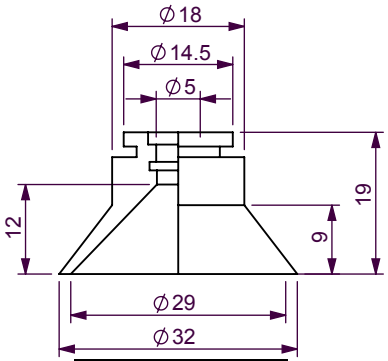


Option:
Haltering
Retaining ring

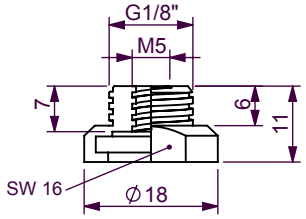
Art. HR.011



Art. 11.032.029._

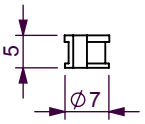


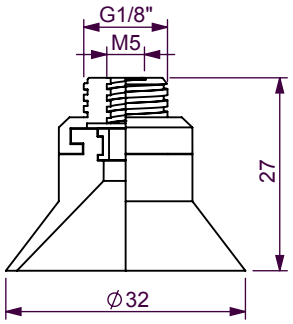
Art. 10.032.127._





Art. 130.135





Art. 11.032.026._





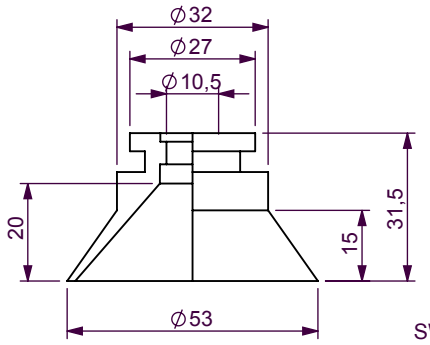
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material
Material 01=NBR, 02=S (Silikon/*silicone*)

Weitere Materialien auf Anfrage
Further materials on request

Morali Produktionstechnik GmbH
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Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

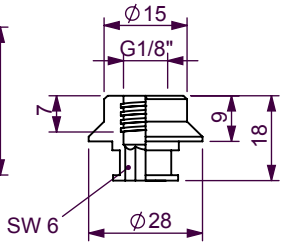
Flachsauger Ø53 mm für unregelmäßige Flächen (Ecken, Kanten)
Flat vacuum cups Ø53mm for irregular surfaces (corners, edges)

VAC



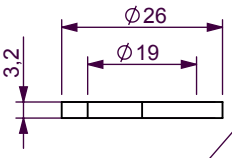
Art. 10.053.128._

Fitting



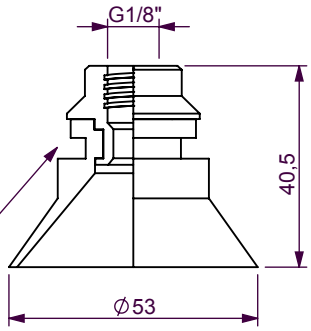
Art. 130.252

Zubehör *Accessories*



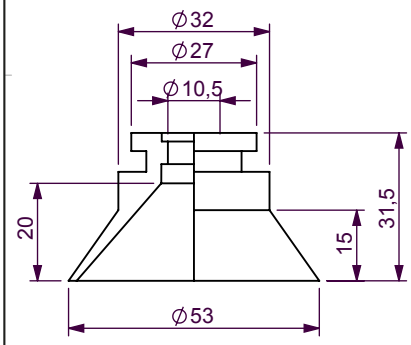
Option:
Haltering
Retaining ring
HR.013

Komplett *Complete*



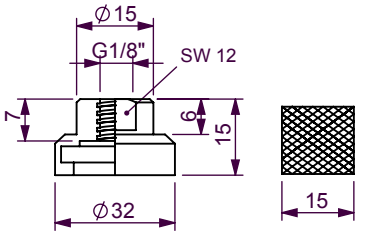
Art. 11.053.030._

VAC



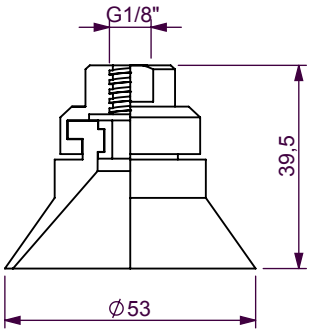
Art. 10.053.128._

Fitting



Art. 130.137

Komplett *Complete*



Art. 11.053.027._

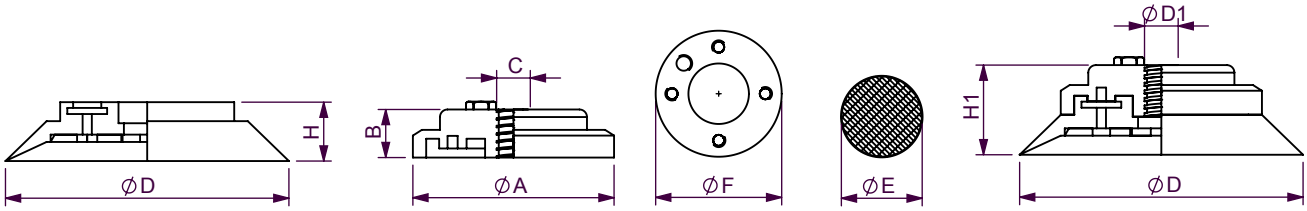
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

Weitere Materialien auf Anfrage
Further materials on request

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

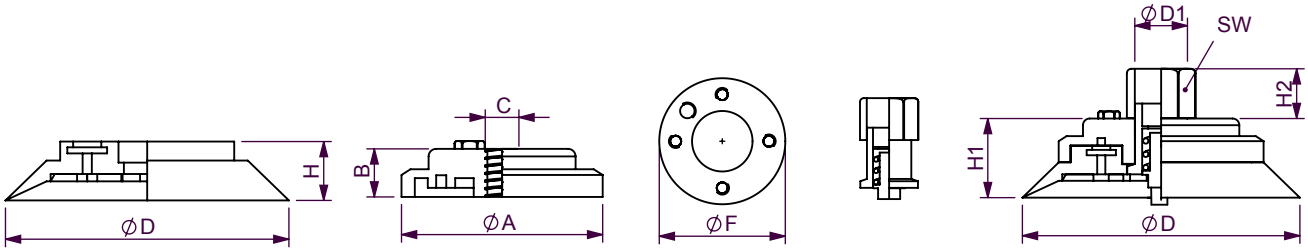
Morali Produktionstechnik GmbH
Vakuum.- & Greifertechnik
Schwarzwaldstraße 4/2
D-78628 Rottweil
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

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 valve* | Komplett *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*

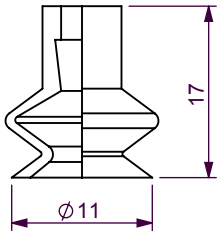
Material 01=NBR, 02=S (Silikon/*silicone*)

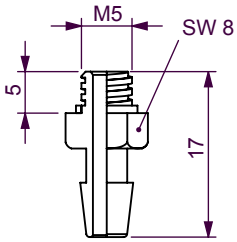
Weitere Materialien auf Anfrage
Further materials on request

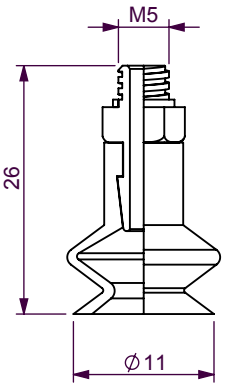
Balgensauger – 1,5 Falten, Ø11 u. Ø16 mm für geringen Hubausgleich

Bellows vacuum cups – 1,5 folds, Ø11 and Ø16 mm for less stroke compensation

I





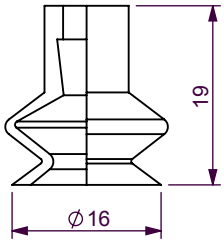


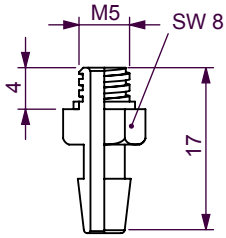
Art. 210.011.001._ | **Art. 130.134** | **Art. 212.011.011._**

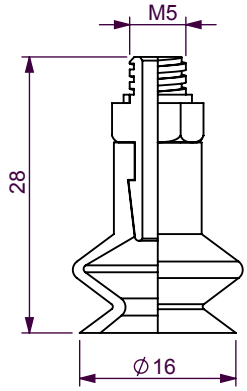
5.0 mm | 1,0 g | **Material** NBR, S, PUR

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

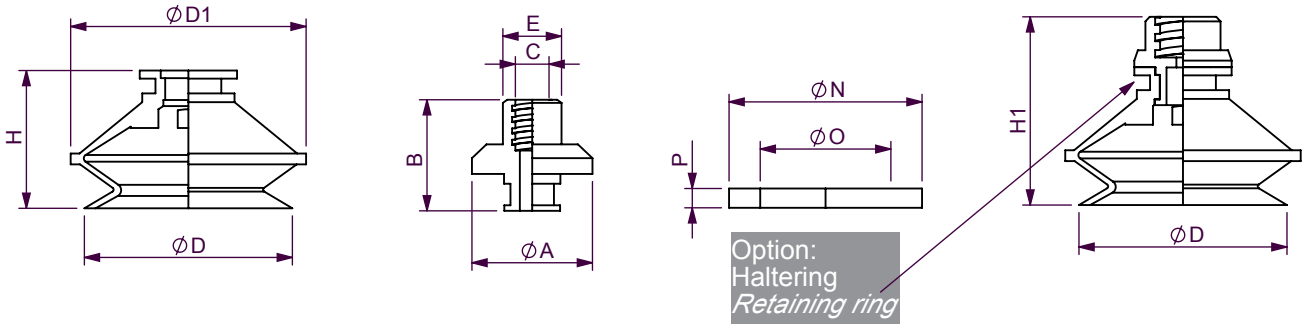
Weitere Materialien auf Anfrage
Further materials on request

MORALI VACTEC SYSTEMS

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www.morali-gmbh.de

I

VAC | Fitting | Zubehör *Accessories* | Komplett *Complete*



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

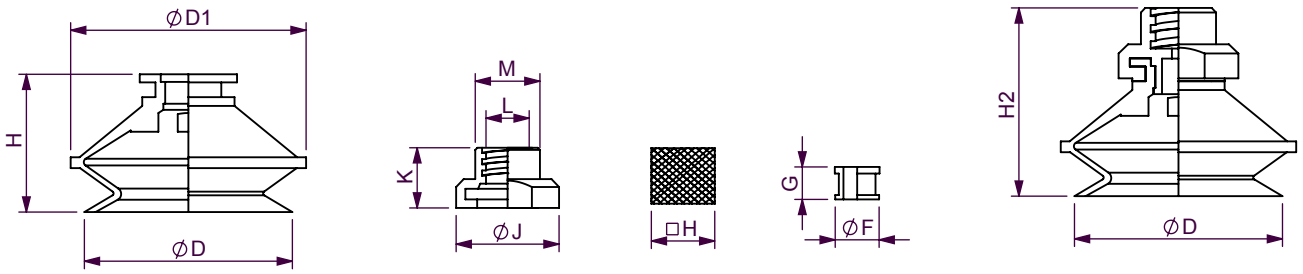
Material 01=NBR, 02=S (Silikon/*silicone*), 04= CR (Chloropren/*chloroprene*), 05=PU (Polyurethan/*polyurethane*)

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*

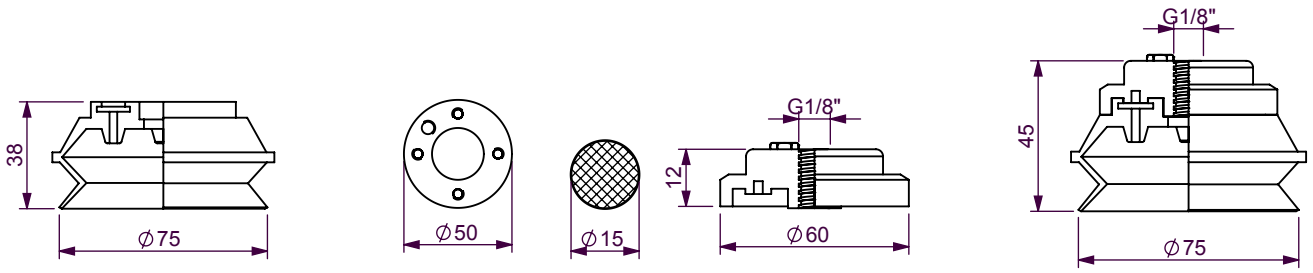
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

Weitere Materialien auf Anfrage
Further materials on request

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

I

VAC | Fitting | Komplett *Complete*

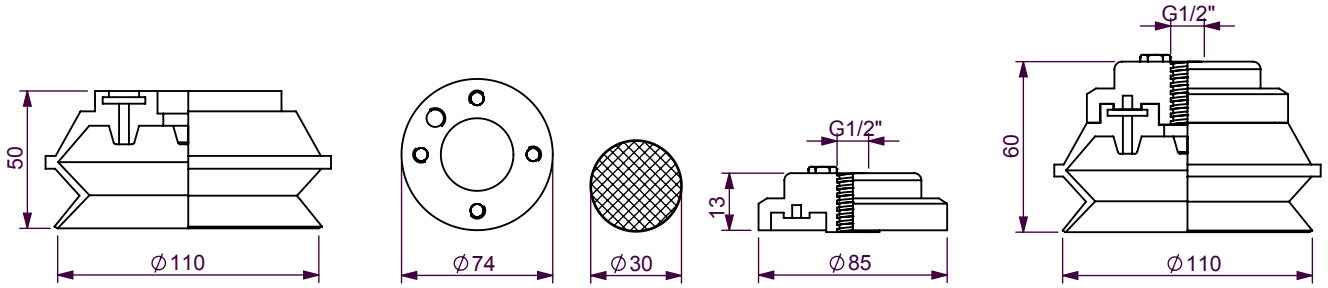


Art. 210.075.033._ | **Art. 130.138** | **Art. 211.075.006._**

22,0 mm | 45 g | **Material** NBR, S | 113 g

II

VAC | Fitting | Komplett *Complete*

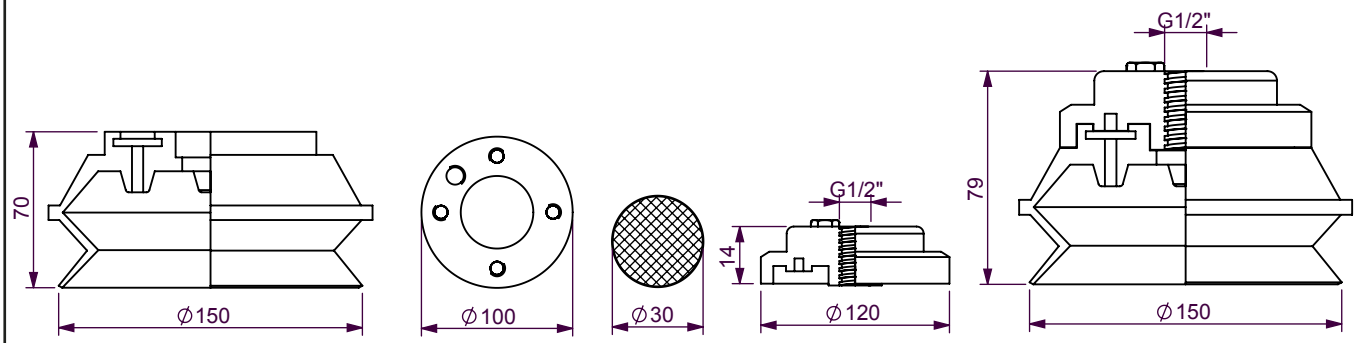


Art. 210.110.034._ | **Art. 130.139** | **Art. 211.110.007._**

35,0 mm | 110 g | **Material** NBR, S | 260 g

III

VAC | Fitting | Komplett *Complete*

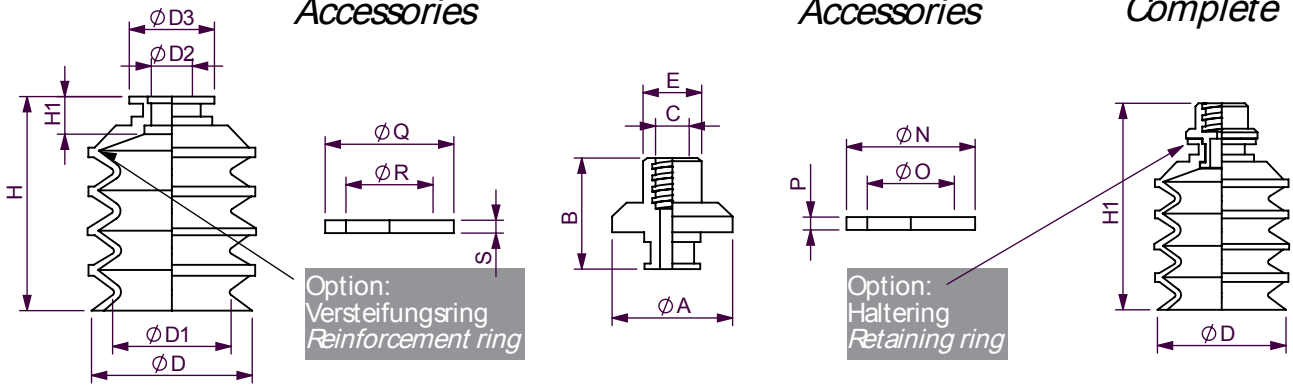


Art. 210.150.035._ | **Art. 130.140** | **Art. 211.150.008._**

40,0 | 293 g | Material NBR, S, PUR | 580 g

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www.morali-gmbh.de

I VAC Zubehör *Accessories* Fitting Zubehör *Accessories* Komplett *Complete*



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

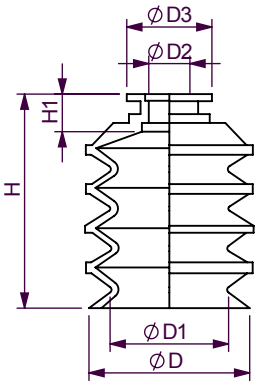
Abmessungen in mm / *Dimensions in mm*

Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material
Material 02=S (Silikon/*silicone*), 04=CR (Chloropren/*chloroprene*)

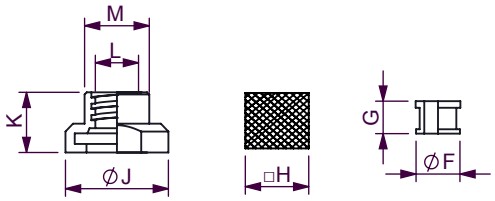
Weitere Materialien auf Anfrage
Further materials on request

II

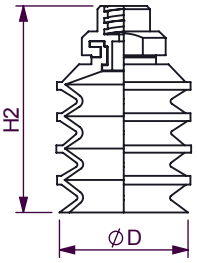
VAC



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*)

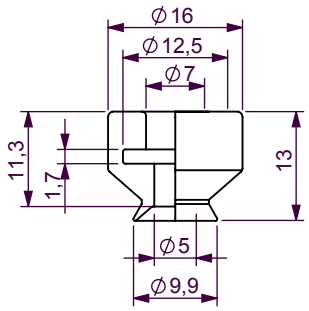
Weitere Materialien auf Anfrage
Further materials on request

Flachsauger Ø10 – Ø40 mm VAC Reihe “M”

für Maschinen in der Bedruckungstechnik, Verpackungs u.Kunststoffindustrie

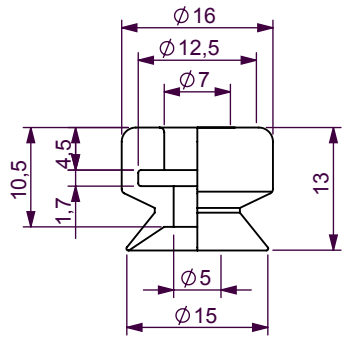
| *Flat vacuum cups Ø10 – Ø40 mm VAC Line “M”*

For machines in the printing technology, packaging and plastic industry



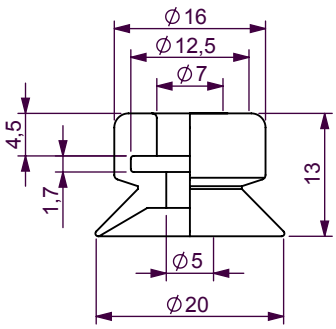
Art. 10.010.584._ — 1,7 g

S(tr) — 1,5 mm



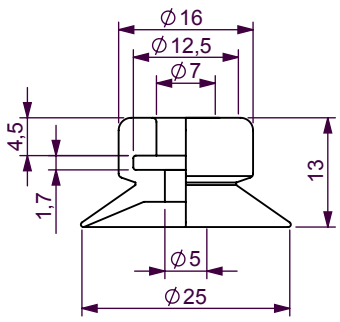
Art. 10.015.585._ — 1,9 g

S(tr) — 3,5 mm



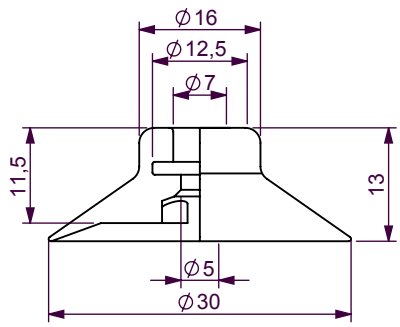
Art. 10.020.586._ — 2,0 g

S (tr) — 3,5 mm



Art. 10.025.587._ — 2,2 g

NBR (sw) — 3,0 mm



Art. 10.030.590._ — 3,0 g

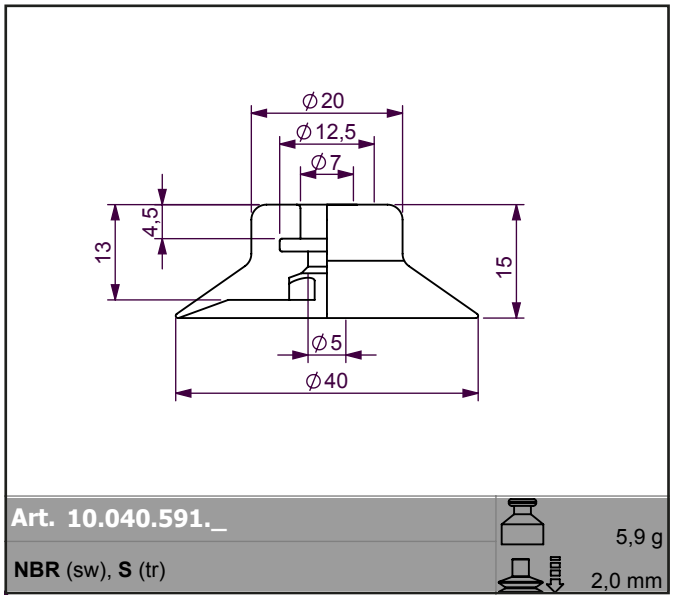
NBR (sw), **S** (tr) — 1,5 mm

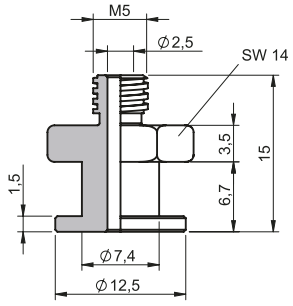
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Flachsauger Ø10 – Ø40 mm VAC Reihe “M” | *Flat vacuum cups Ø10 – Ø40 mm VAC Line “M”*

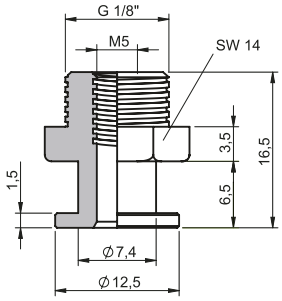
für Maschinen in der Bedruckungstechnik, Verpackungsu. Kunststoffindustrie

For machines in the printing technology, packaging and plastic industry

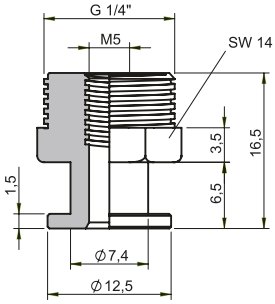




Art. 130.604



Art. 130.605



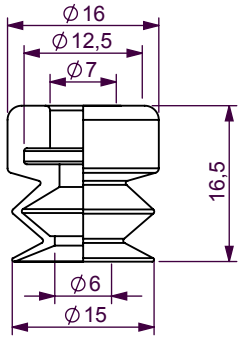
Art. 130.606

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Balgensauger Ø15 – Ø40 mm VAC Reihe “N” | *Bellows vacuum cups Ø15 – Ø40 mm VAC Line “N”*

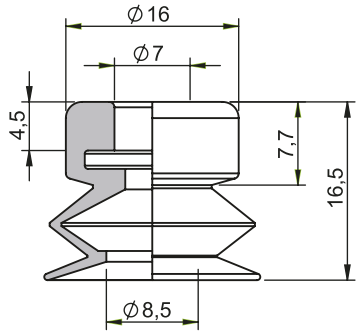
für Maschinen in der Bedruckungstechnik, Verpackungsu. Kunststoffindustrie

For machines in the printing technology, packaging and plastic industry



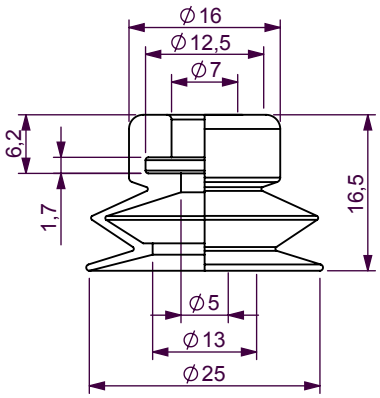
Art . 210.015.143._ — 1,8 gr

NBR (sw), **S** (tr), **S-AS** (sw), **PU** (bl), **FKM** (gr) — 6,5 mm



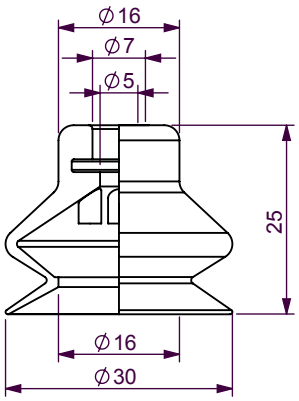
Art . 210.020.185._ — 1,9 gr

S (tr) — 6.0 mm



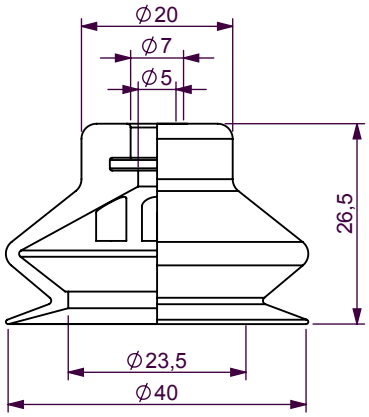
Art . 210.025.144._ — 2,5 gr

S (tr) — 5,5 mm



Art . 210.030.146._ — 5,2 gr

S (tr) — 10,0 mm



Art . 210.040.147._ — 15,0 gr

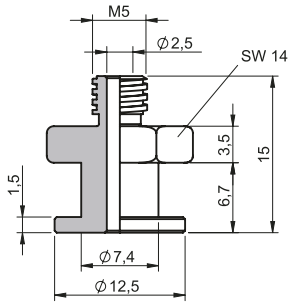
S (tr) — 9,0 mm

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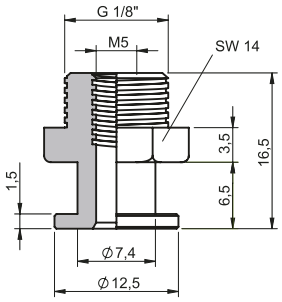
Balgensauger Ø15 – Ø40 mm VAC Reihe “N” | *Bellows vacuum cups Ø15 – Ø40 mm VAC Line “N”*

für Maschinen in der Bedruckungstechnik, Verpackungsu. Kunststoffindustrie

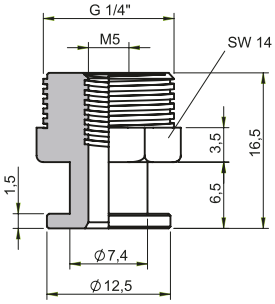
For machines in the printing technology, packaging and plastic industry



Art. 130.604



Art. 130.605



Art. 130.606

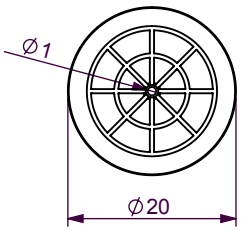
Morali Produktionstechnik GmbH
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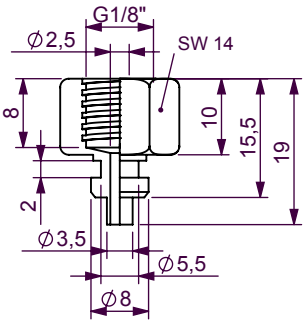
MORALI VACTEC SYSTEMS

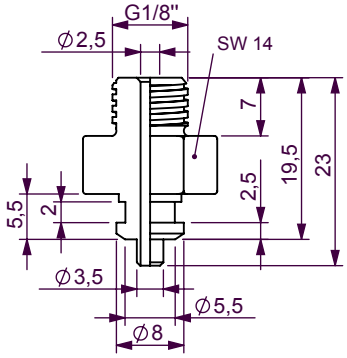
Reihe SolarVac | *Line SolarVac*

Solarzellen (Dicke < 0,2 mm), Siliziumscheiben, Halbleiter, Dünnstglas, Folien, usw.

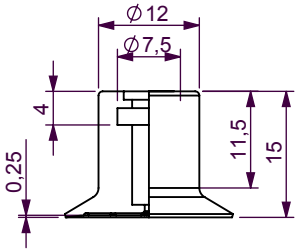
Solar cells (thickness < 0,2 mm), silicium wafer, semiconductor, thinnest glass, foils, etc.

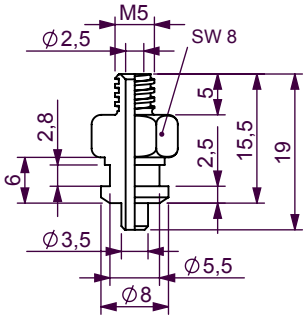






Art. 130.086 **Art. 130.085**





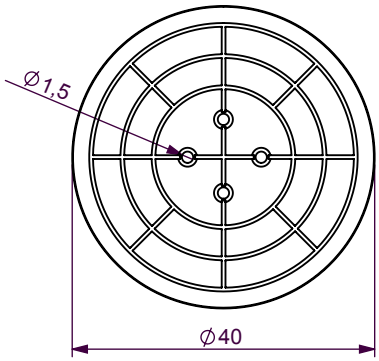
Art. 10.020.626._

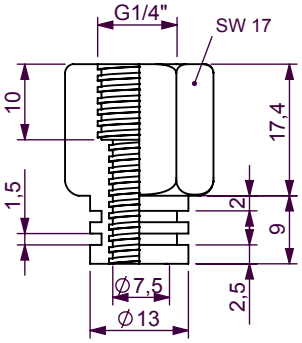
Art. 130.037

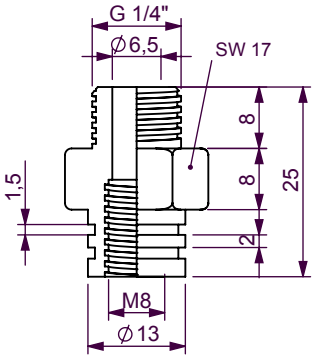
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

Weitere Materialien auf Anfrage
Further materials on request

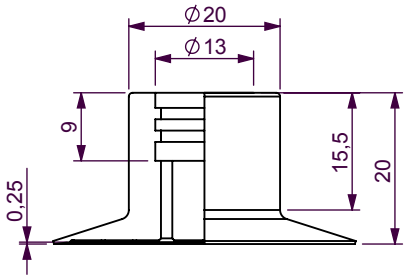
Material Naturgummi 40° shore / *Natural rubber* 40° shore







Art. 130.098 **Art. 130.097**



Art. 10.040.627._

*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

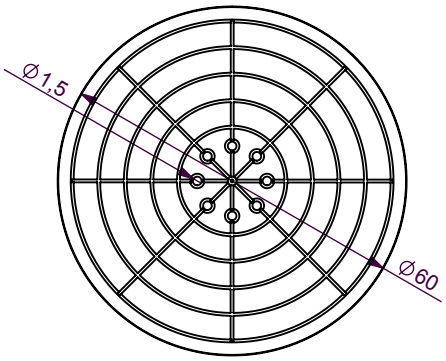
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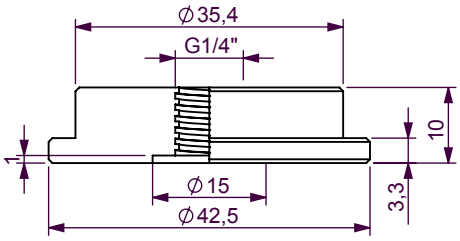
MORALI VACTEC SYSTEMS

MORALI VACTEC SYSTEMS

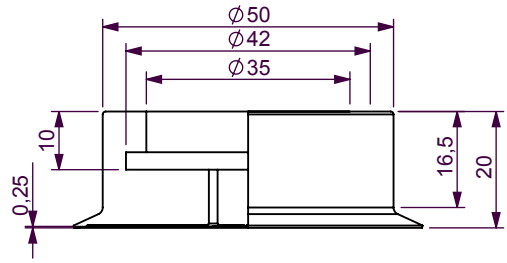
Reihe SolarVac | *Line SolarVac*

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





Art. 130.528

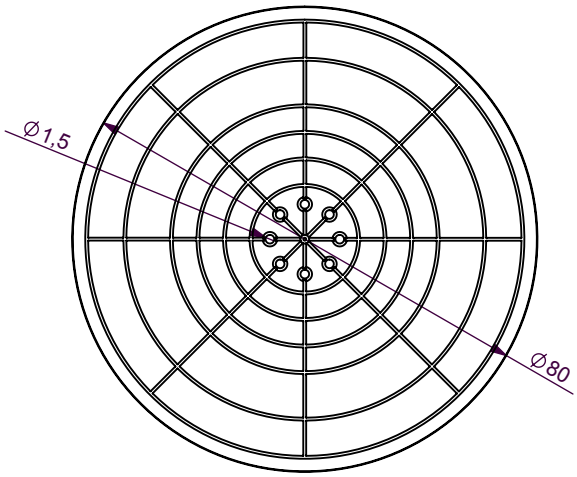


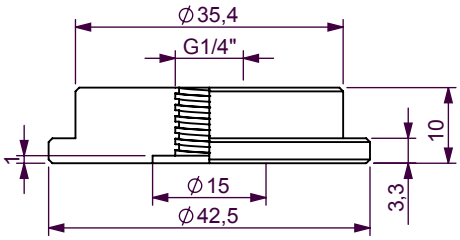
Art. 10.060.628._

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

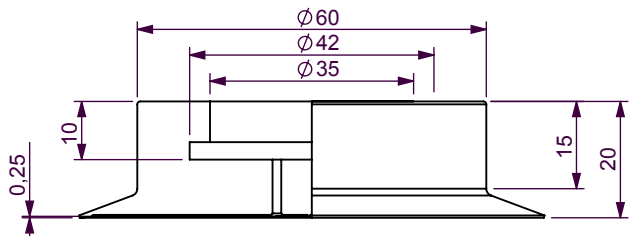
Weitere Materialien auf Anfrage
Further materials on request

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

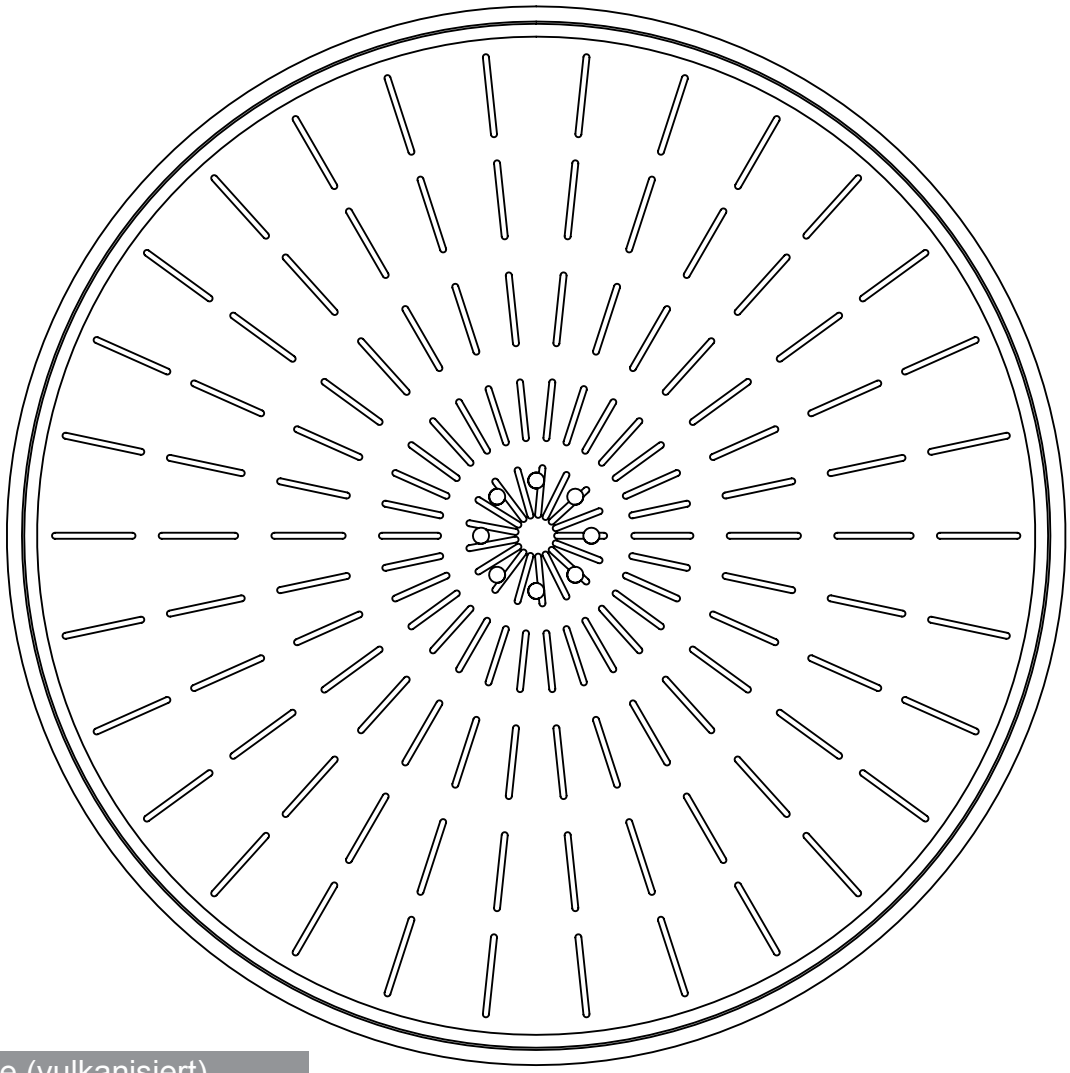
Material Naturgummi 40° shore / *Natural rubber* 40° shore

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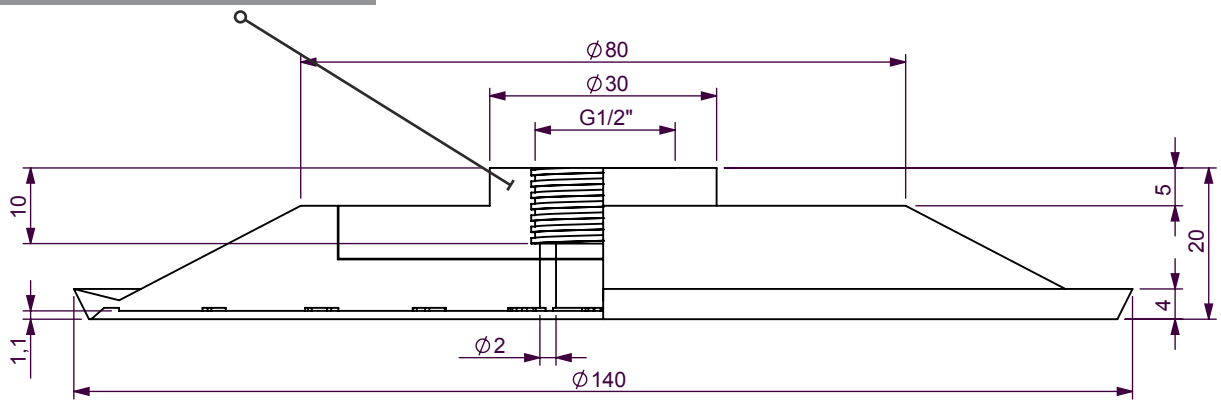
MORALI VACTEC SYSTEMS

Reihe SolarVac | *Line SolarVac*

Solarzellen (Dicke < 0,2 mm), Siliziumscheiben, Halbleiter, Dünnstglas, Folien, usw.
Solar cells (thickness < 0,2 mm), silicium 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

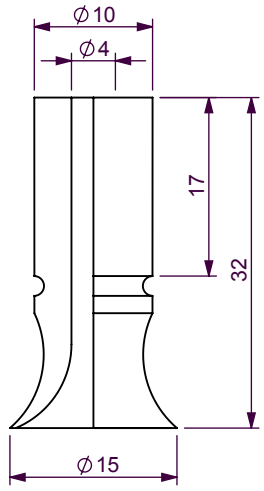
Morali Produktionstechnik GmbH
Vakuum.- & Greifertechnik
Schwarzwaldstraße 4/2
D-78628 Rottweil
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

MORALI VACTEC SYSTEMS

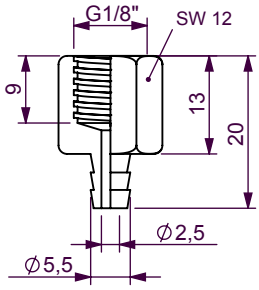
Reihe Praline VAC | *Line Praline VAC*

Eine große Auswahl von Saugern für unzählige Anwendungen bei Confiserieprodukten

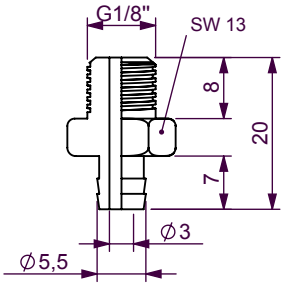
An abundance of vacuum cups for countless applications of confectionery products.



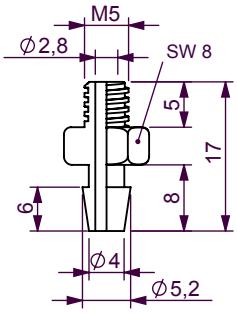
Art. 10.015.114._



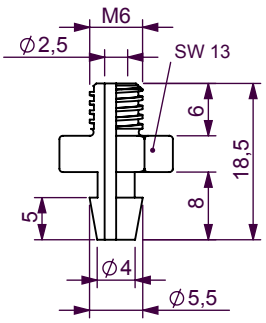
Art. 130.035



Art. 130.033



Art. 130.134



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

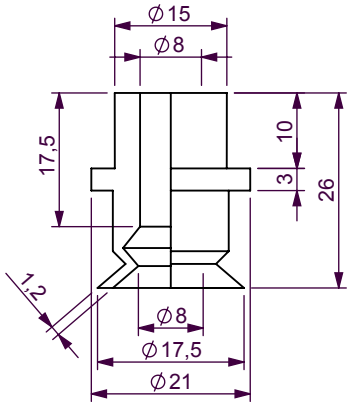
Weitere Materialien auf Anfrage
Further materials on request

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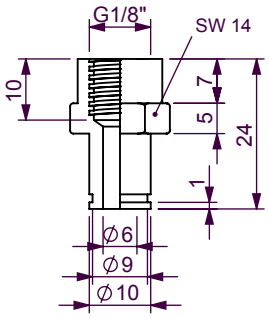
Reihe Praline VAC | *Line Praline VAC*

Eine große Auswahl von Saugern für unzählige Anwendungen bei Confiserieprodukten

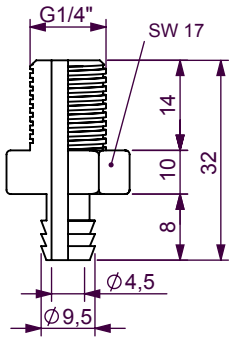
An abundance of vacuum cups for countless applications of confectionery products.



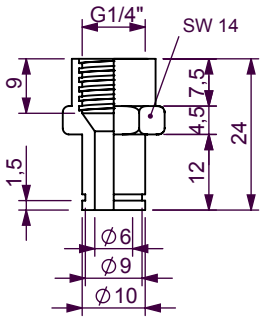
Art. 10.016.092._



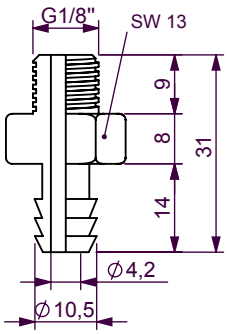
Art. 130.114



Art. 130.043



Art. 130.178



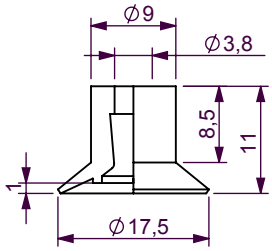
Art. 130.132

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

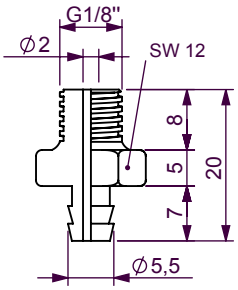
Material **S**(tr)



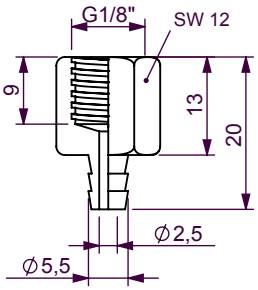
Weitere Materialien auf Anfrage
Further materials on request



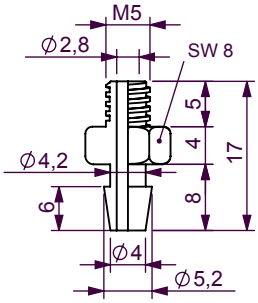
Art. 10.017.255._



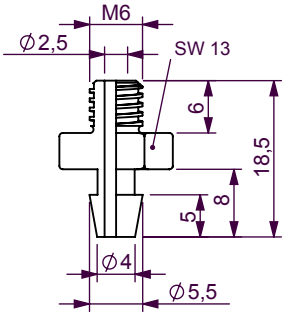
Art. 130.087



Art. 130.035



Art. 130.134



Art. 130.104

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

Material **NR** (sw)

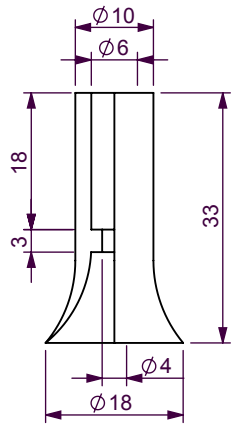


Weitere Materialien auf Anfrage
Further materials on request

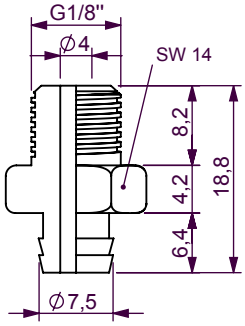
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An abundance of vacuum cups for countless applications of confectionery products.



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

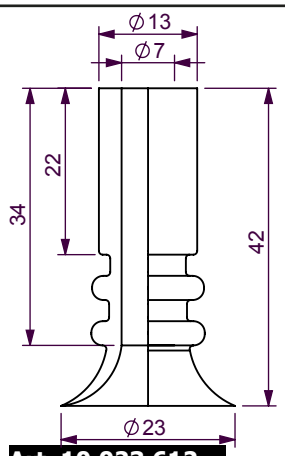
Weitere Materialien auf Anfrage
Further materials on request

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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

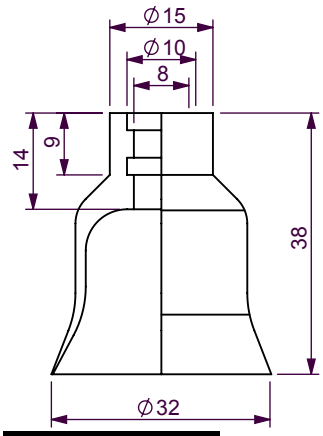
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Art. 10.033.578._

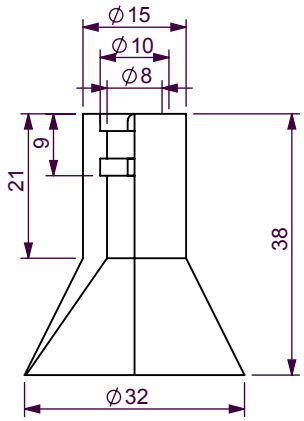
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

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

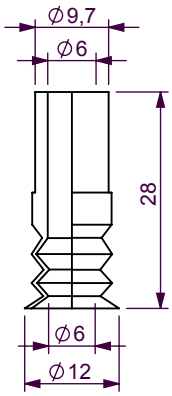
Weitere Materialien auf Anfrage
Further materials on request

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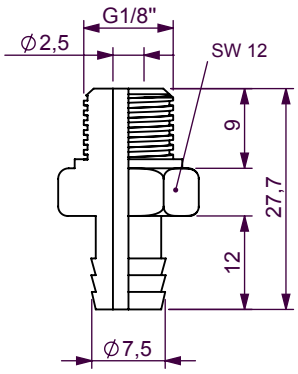
MORALI VACTEC SYSTEMS

Reihe Praline VAC | *Line Praline VAC*

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An abundance of vacuum cups for countless applications of confectionery products.



Art. 220.012.024._



Art. 130.546

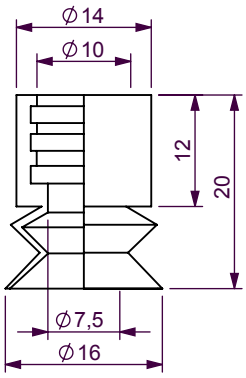
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

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

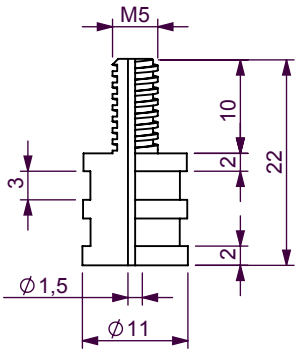


1.2 gr
6.0 mm

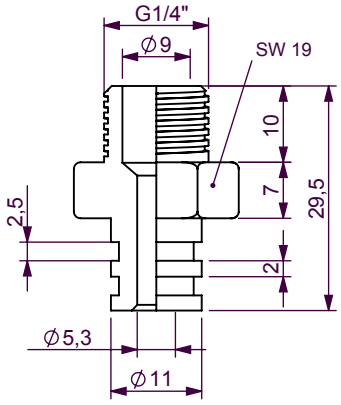
Weitere Materialien auf Anfrage
Further materials on request



Art. 210.016.063._



Art. 130.244



Art. 130.193

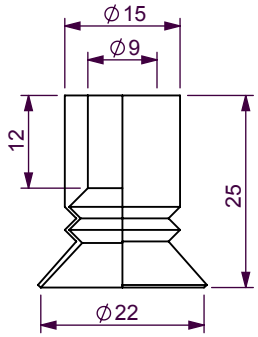
Art. bei Bestellung mit angegebenem Material ergänzen
When ordering add indicated material

Material **S** (tr), **S** (r)

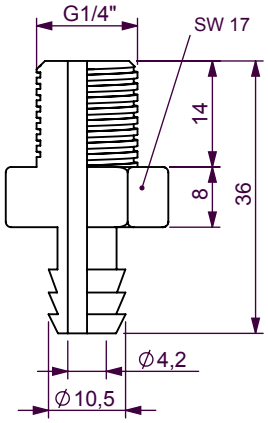


1.6 gr
6.0 mm

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

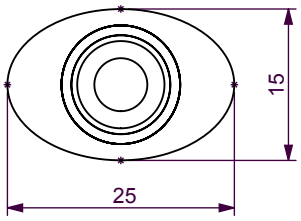
Weitere Materialien auf Anfrage
Further materials on request

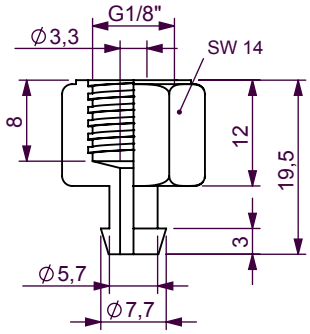
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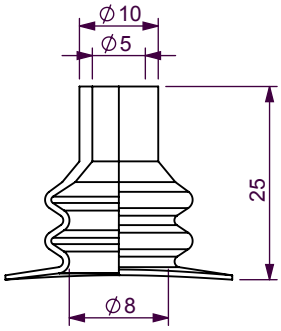
Reihe Praline VAC | *Line Praline VAC*

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Anabundance of vacuum cups for countless applications of confectionery products.

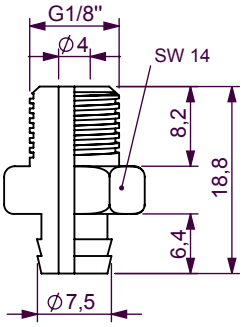




Art. 130.109



Art. 40.025015.010._



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

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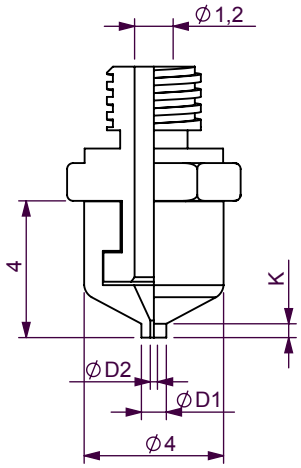
MORALI VACTEC SYSTEMS

Reihe Mini*Vac* | *Line* Mini*Vac*

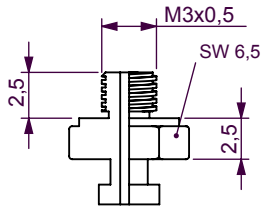
Zum Handling kleinster und ultraleichter Produkte, z. B. in der Feinmechnik

For the handling of smallest and ultralight products, for example in the fine mechanics

TYP A



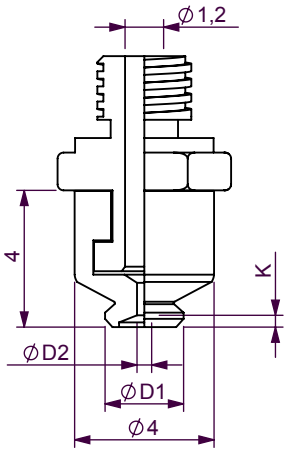
Standard-Fitting



Art. 130.523

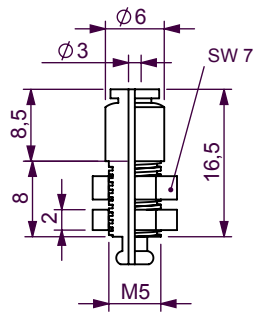
1g

TYP B



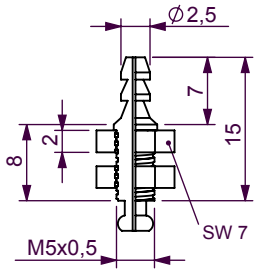
TYP	Art.	Ø D1	Ø D2	K		Material	Verpackungseinheit *Packaging unit*
A	**10.001.631._**	0.7	0.2	0.4	1g	NBR (schwarz) Silikon (transparent) Silikon antistatisch (schwarz) *Nitrile rubber (black)* *Silicone (transparent)* *Silicone antistatic (black)*	10 Stück *10 pieces*
A	**10.001.632._**	1	0.4	0.4	1g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

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



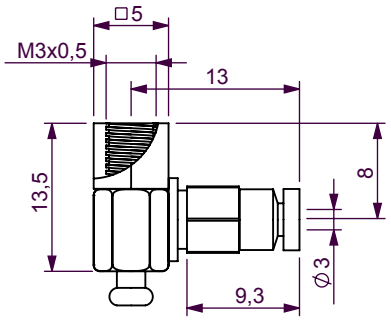
Art. 133.000 2g

Schlauch: Ø 3x2 UBT0320 Polyurethan
Hose: Ø 3x2 UBT0320 Polyurethane



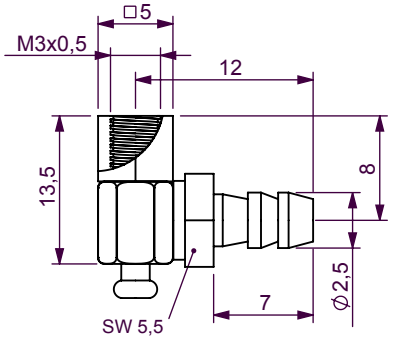
Art. 133.002 1,5g

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

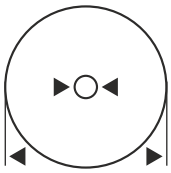
Schlauch: Ø 4x2.5 UBT0425 Polyurethan
Hose: Ø 4x2.5 UBT0425 Polyurethane

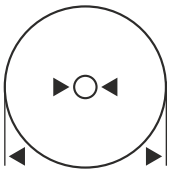
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MORALI VACTEC SYSTEMS

Reihe Saugscheiben VAC | *Line Flat Rubber Discs VAC*

Vakuumsauger für die Druckindustrie, z. B. Vereinzelung von Papierbögen und dünnen Kartonagen
Vacuum cups for the printingindustry, e.g. separation of paper sheets and thin cardboards





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

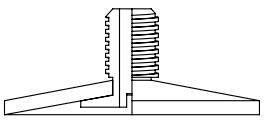
Verpackungseinheit 100 Stück / *Packing unit 100 pc*

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



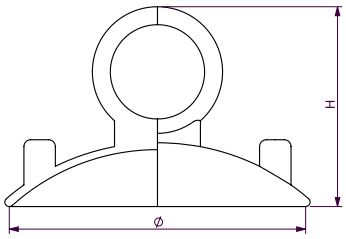
Weitere Größen und Materialen auf Anfrage
Other dimensions and materials on request

Dicke / *Thickness*

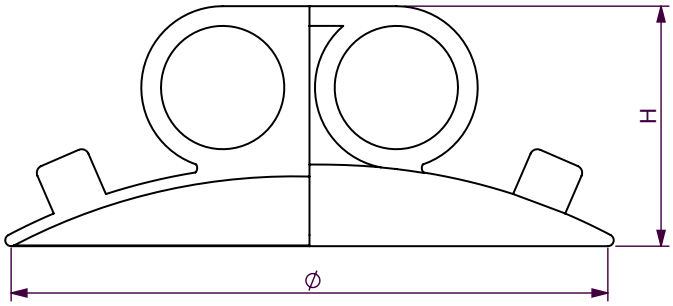


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Reihe Handgreifer VAC | *Line Grabber Cups VAC*



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*

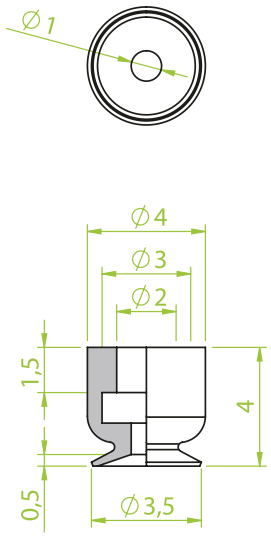
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Flachsauger | Flat cups

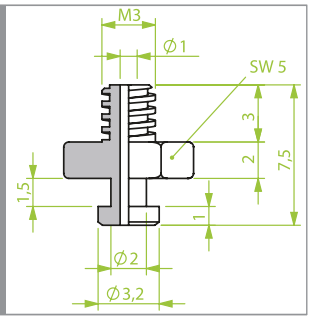
Ø 3 mm

Art.: 10.003.040._

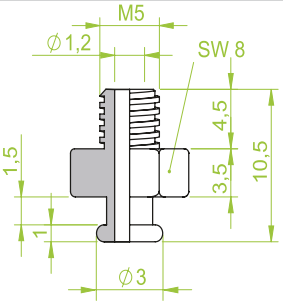
Gewicht | Weight	0.1 gr
Hub | Stroke	0.5 mm



Art.: 130.014 M 3 AG



Art.: 130.300 M 5 AG

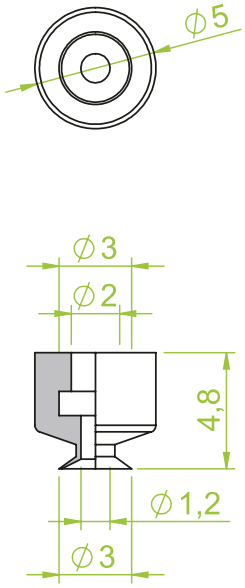


Flachsauger | Flat cups

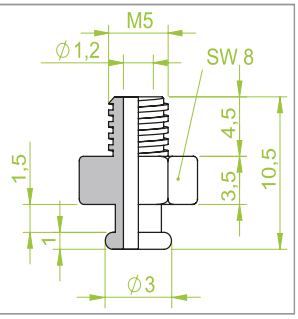
Ø 3mm

Art.: 10.003.691._

Gewicht | Weight	1.0 gr
Hub | Stroke	2.5 mm



Art.: 130.300 M 5 AG



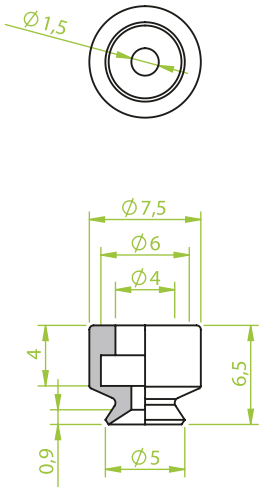
Art.: 130.

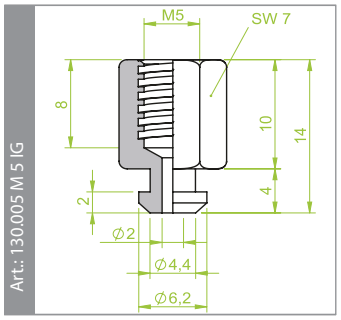
Flachsauger | Flat cups

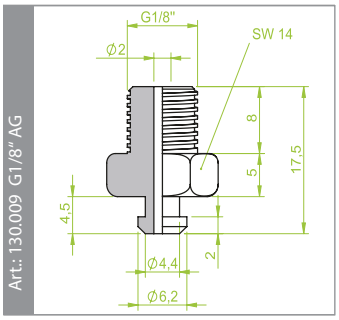
Ø 5 mm

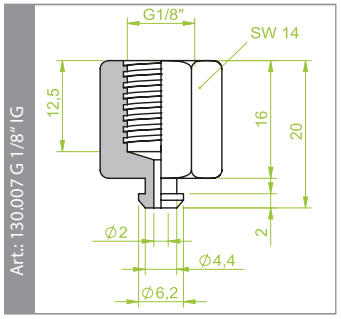
Art.: 10.005.131._

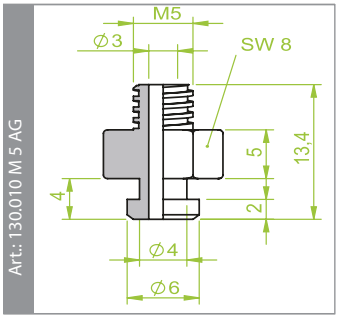
Gewicht | Weight	0.1 gr
Hub | Stroke	0.9 mm

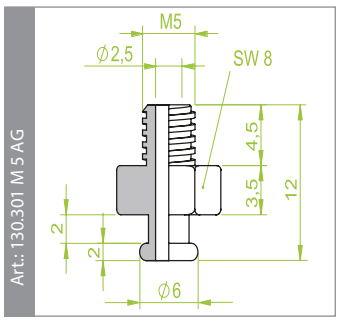










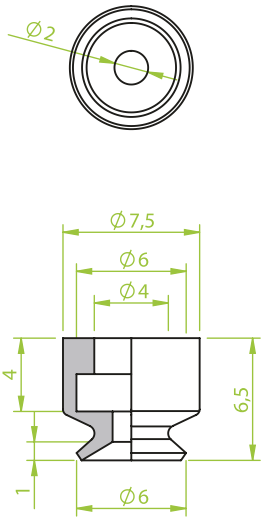


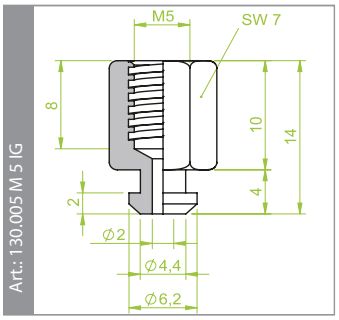
Flachsauger | Flat cups

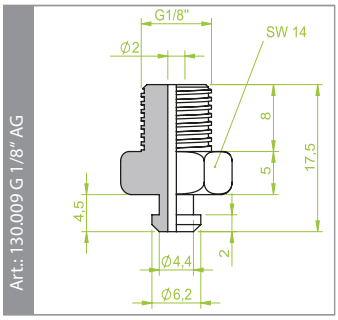
Ø 6 mm

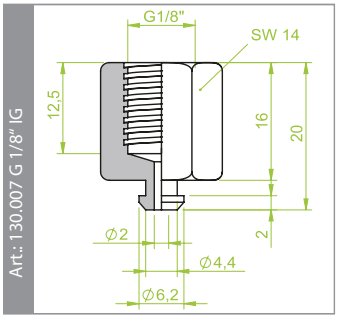
Art.: 10.006.021._

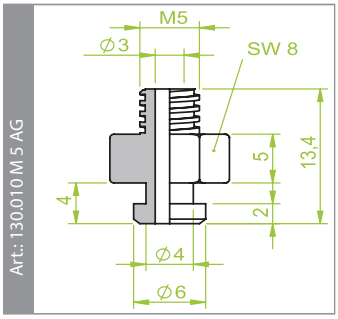
Gewicht | Weight	0.1 gr
Hub | Stroke	1.0 mm











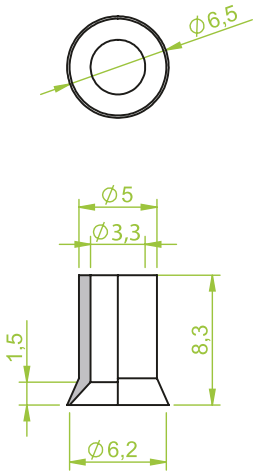
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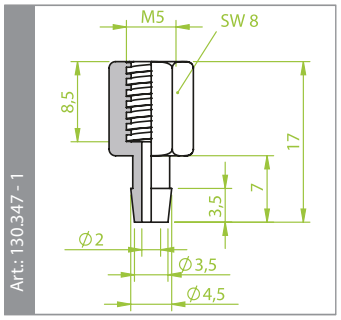
Flachsauger | Flat cups

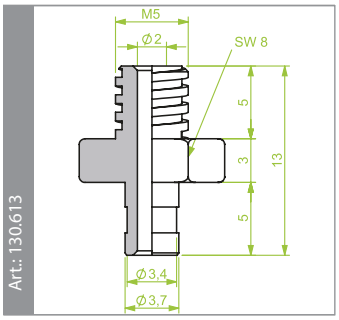
Ø 6 mm

Art.: 10.006.095._

Gewicht | Weight	0.1 gr
Hub | Stroke	1.0 mm





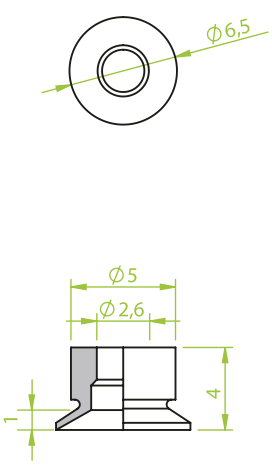


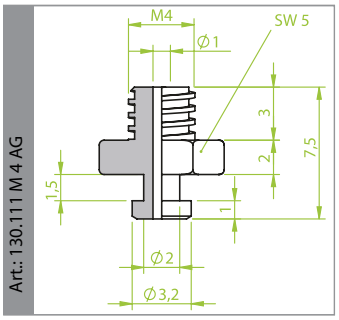
Flachsauger | Flat cups

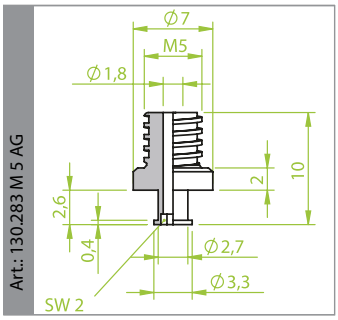
Ø 6 mm

Art.: 10.006.151._

Gewicht | Weight	1.0 gr
Hub | Stroke	0.5 mm







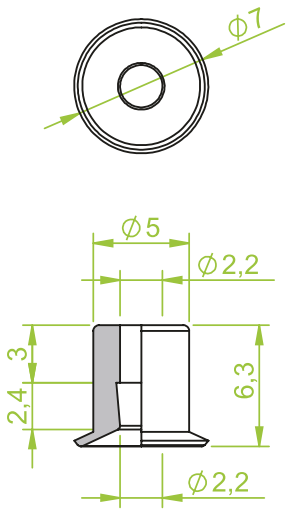
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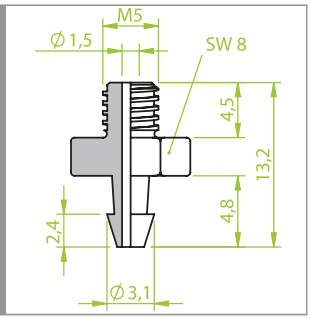
Flachsauger | Flat cups

Ø 7 mm

Art.: 10.007.035._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.0 mm



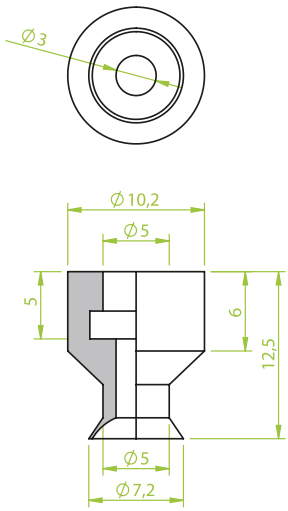
Art.: 130.591



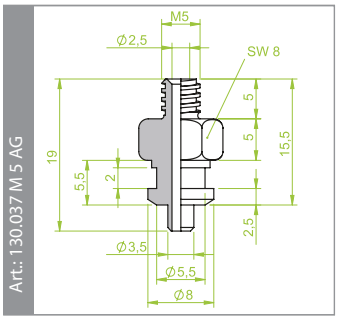
Flachsauger | Flat cups

Ø 7 mm

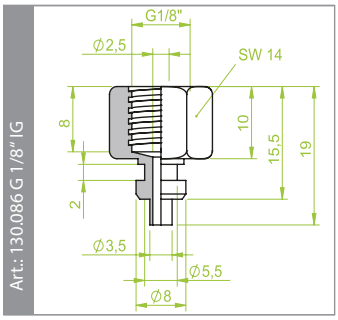
Art.: 10.007.153._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.6 mm



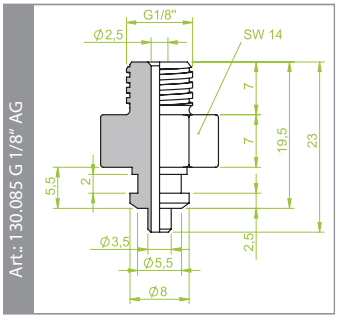
Art.: 130.037 M 5 AG



Art.: 130.086 G 1/8" IG



Art.: 130.085 G 1/8" AG

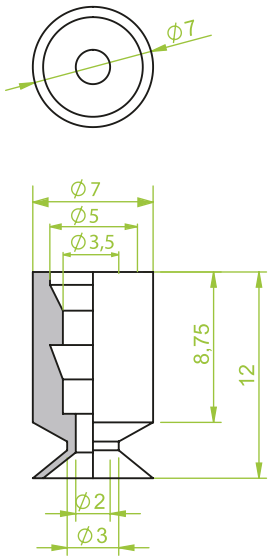


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Flachsauger | Flat cups

Ø 7 mm

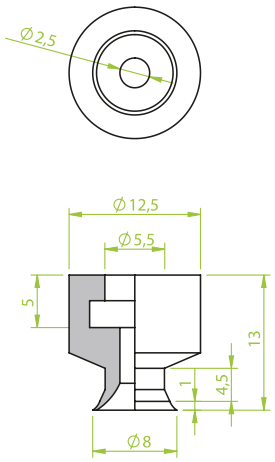
Art.: 10.007.638._		
Gewicht | Weight	0.2	gr
Hub | Stroke	1.0	mm



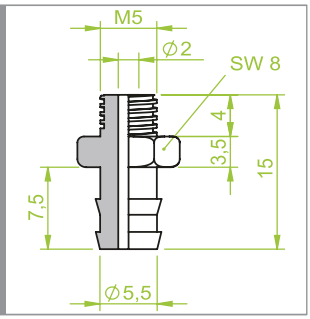
Flachsauger | Flat cups

Ø 8 mm

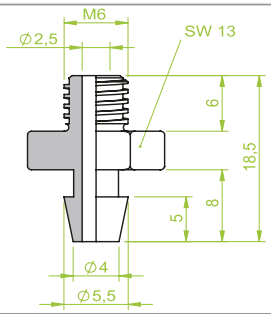
Art.: 10.008.059._		
Gewicht | Weight	1.3	gr
Hub | Stroke	0.5 - 1.0	mm



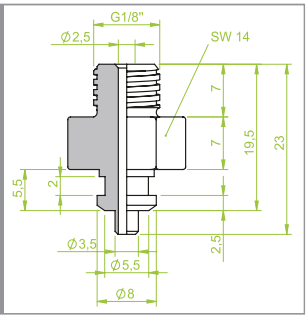
Art.: 130.024



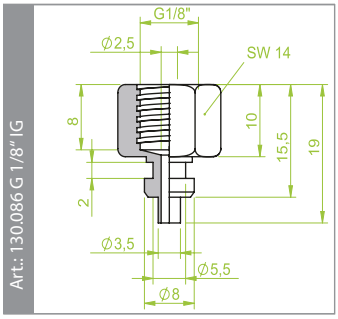
Art.: 130.104



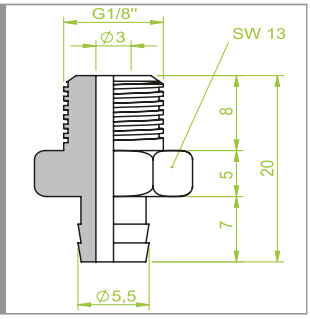
Art.: 130.085 G 1/8" AG



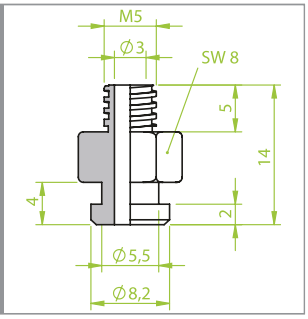
Art.: 130.086 G 1/8" IG



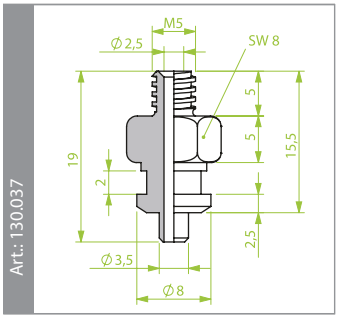
Art.: 130.033



Art.: 130.200 M 5 AG



Art.: 130.037



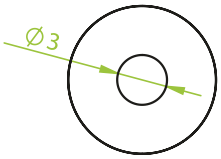
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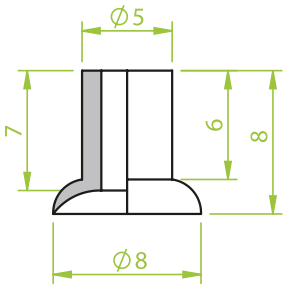
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Flachsauger | Flat cups

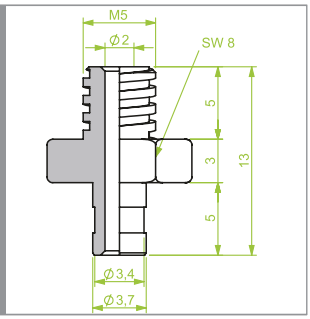
Ø 8 mm

Art.: 10.008.068._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.0 mm





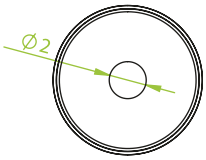
Art.: 130.613

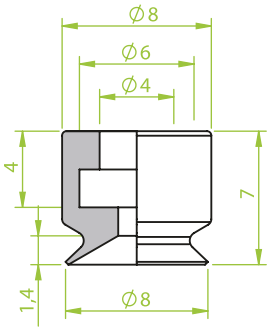


Flachsauger | Flat cups

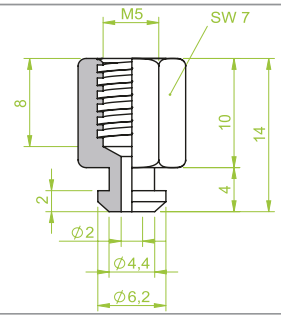
Ø 8 mm

Art.: 10.008.136._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.4 mm

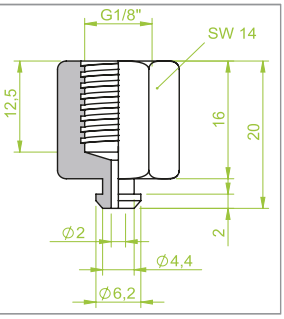




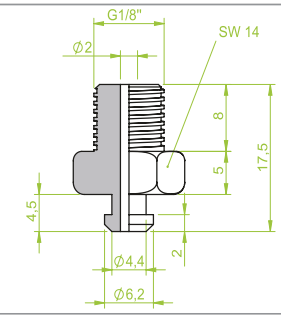
Art.: 130.005 M 5 IG



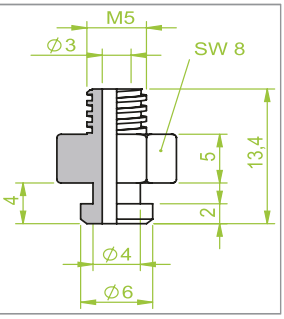
Art.: 130.007 G 1/8" IG



Art.: 130.009 G 1/8" AG



Art.: 130.010 M 5 AG

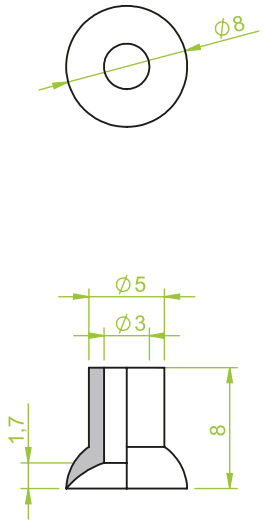


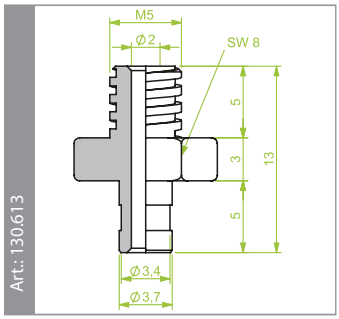
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Flachsauger | Flat cups

Ø 8 mm

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

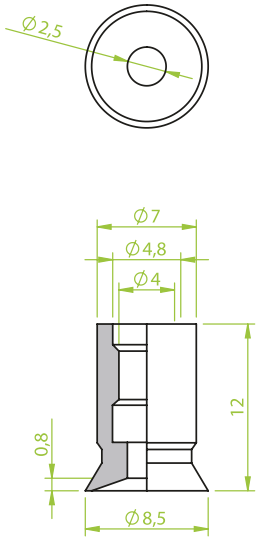


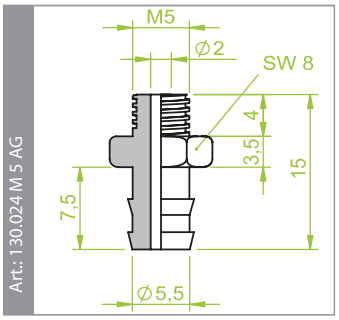


Flachsauger | Flat cups

Ø 8 mm

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





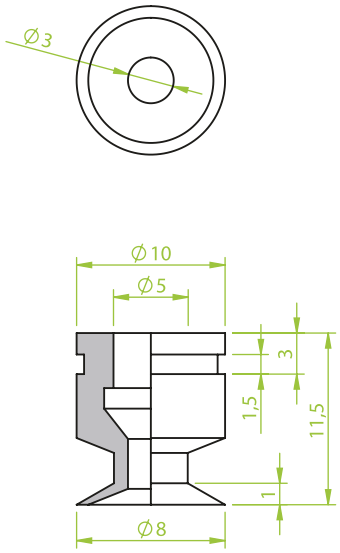
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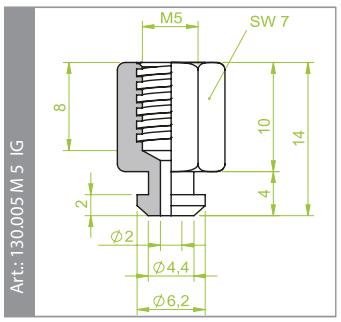
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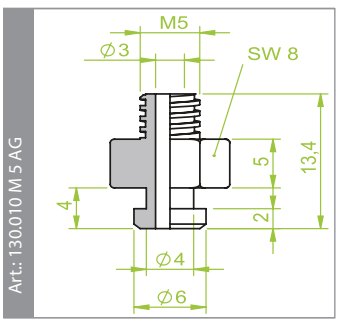
Flachsauger | Flat cups

Ø 8 mm

Art.: 10.008.166._	
Gewicht | Weight	1.0 gr
Hub | Stroke	0.5 mm



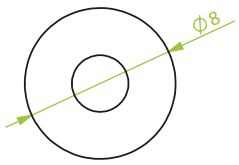


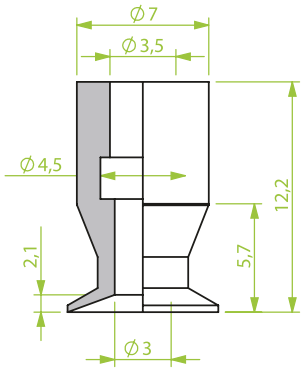


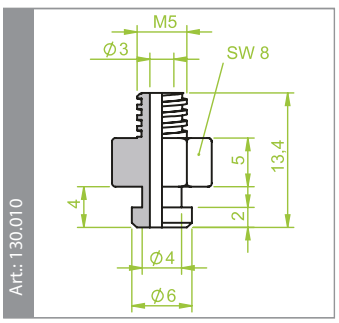
Flachsauger | Flat cups

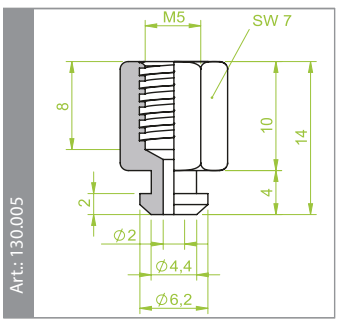
Ø 8 mm

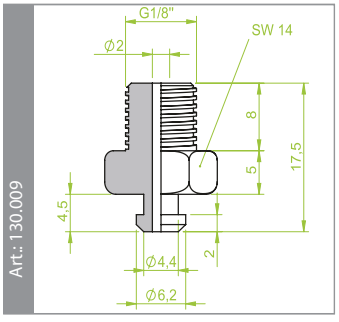
Art.: 10.008.611._	
Gewicht | Weight	0.3 gr
Hub | Stroke	1.0 mm











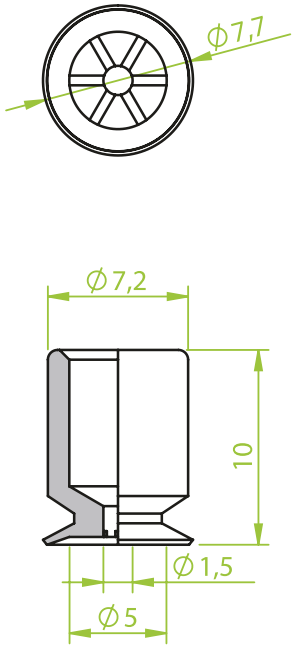
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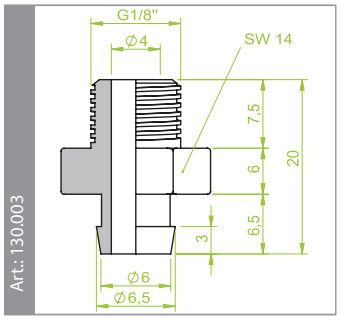
Flachsauger | Flat cups

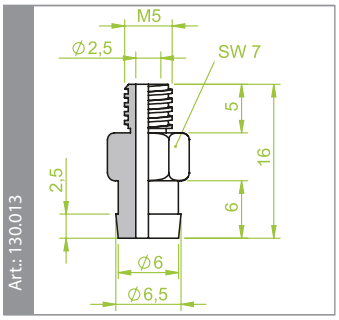
Ø 8 mm

Art.: 10.008.630._

Gewicht | Weight	0.2	gr
Hub | Stroke	1.0	mm





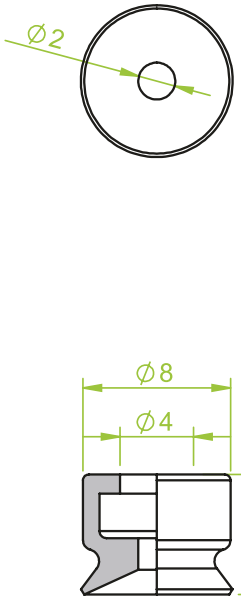


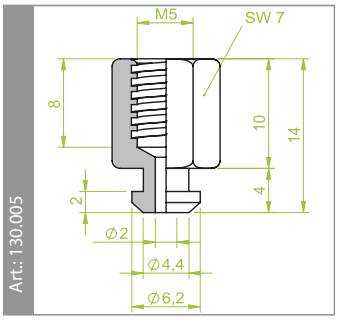
Flachsauger | Flat cups

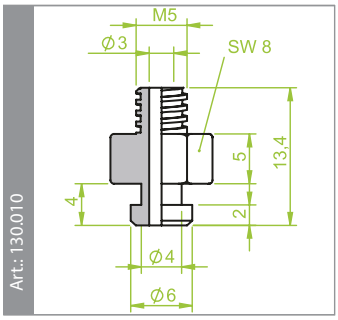
Ø 8 mm

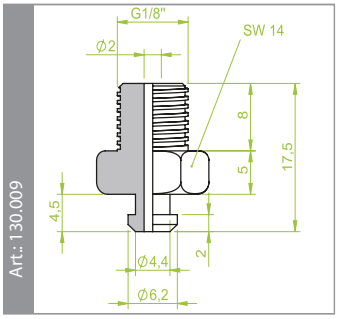
Art.: 10.008.681._

Gewicht | Weight	0.4	gr
Hub | Stroke	1.3	mm









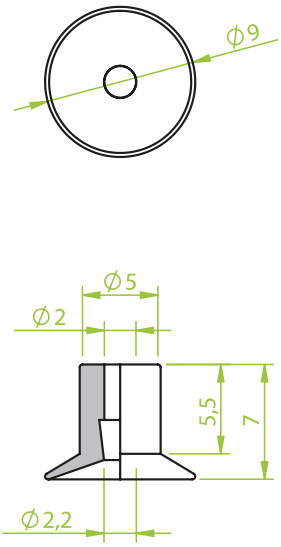
MORALI VACTEC SYSTEMS

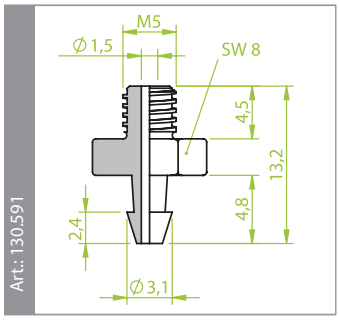
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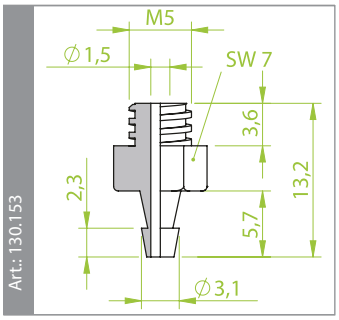
Flachsauger | Flat cups

Ø 9 mm

Art.: 10.009.020._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.5 mm



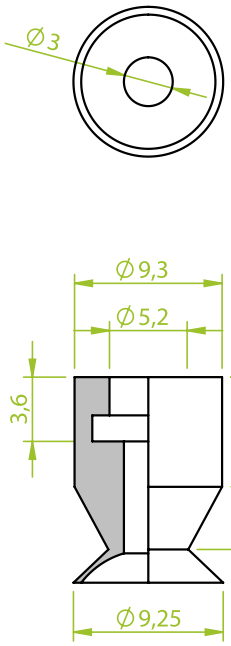


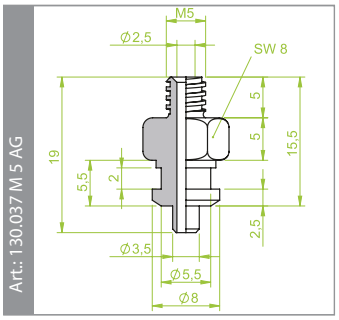


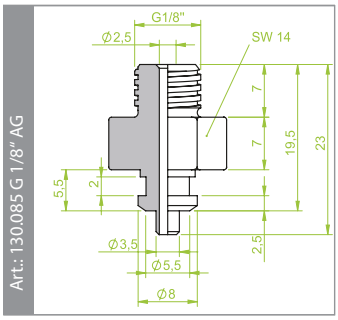
Flachsauger | Flat cups

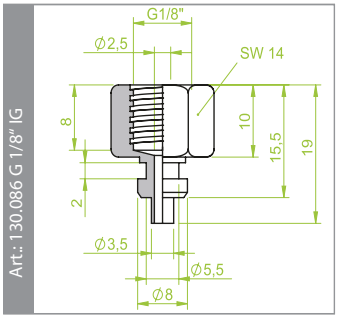
Ø 9 mm

Art.: 10.009.185._	
Gewicht | Weight	0.3 gr
Hub | Stroke	1.0 mm







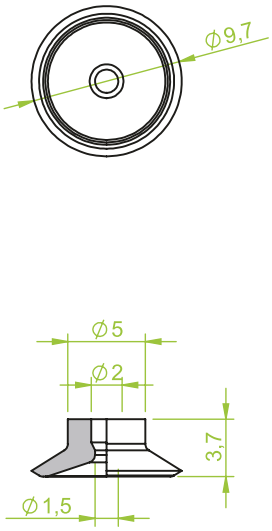


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Flachsauger | Flat cups

Ø 9 mm

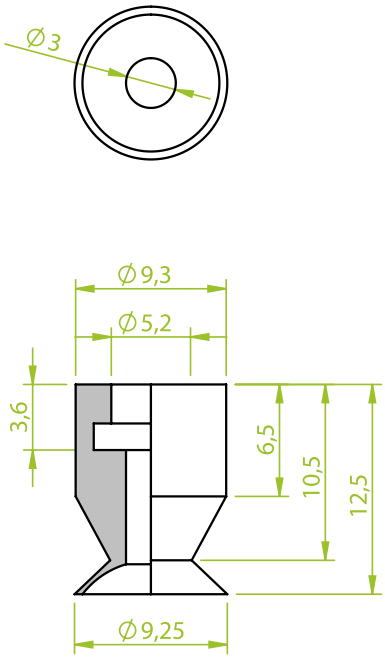
Art.: 10.009.580._	
Gewicht | Weight	0.1 gr
Hub | Stroke	1.0 mm

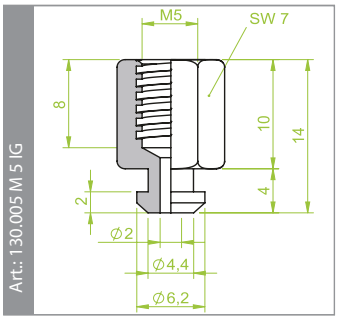


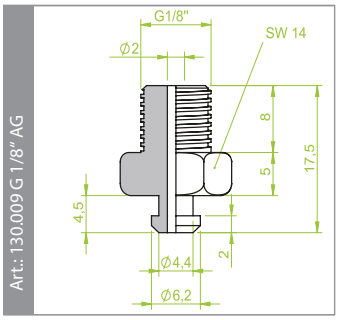
Flachsauger | Flat cups

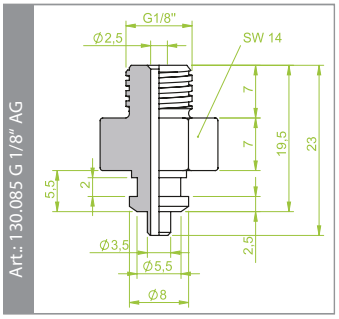
Ø 10 mm

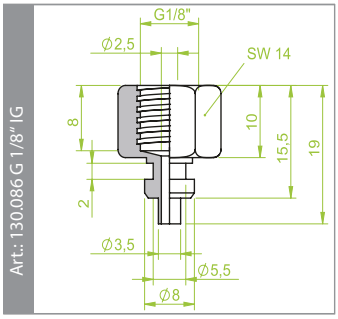
Art.: 10.010.060._	
Gewicht | Weight	1.0 gr
Hub | Stroke	2.5 mm

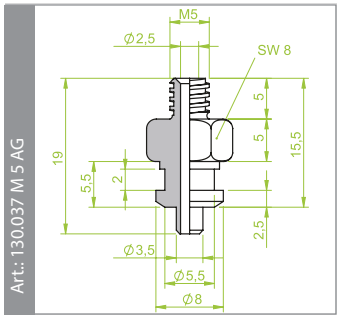












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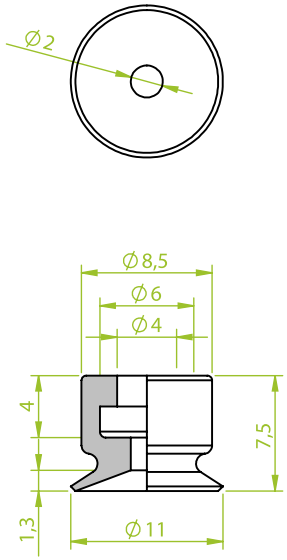
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Flachsauger | Flat cups

Ø10 mm

Art.: 10.010.138._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.2	mm

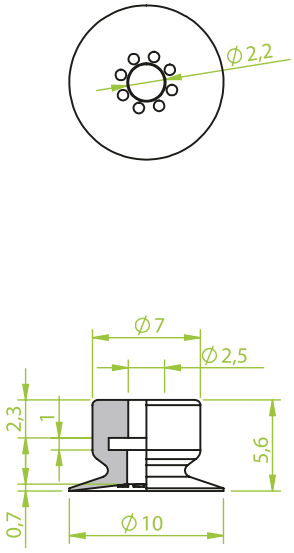


Flachsauger | Flat cups

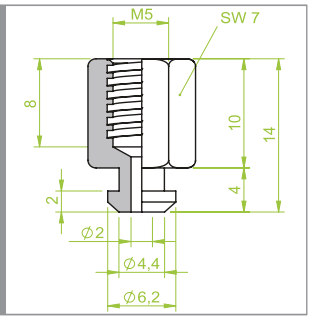
Ø10 mm

Art.: 10.010.188._

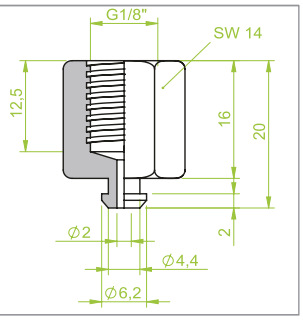
Gewicht | Weight	1.0	gr
Hub | Stroke	0.7	mm



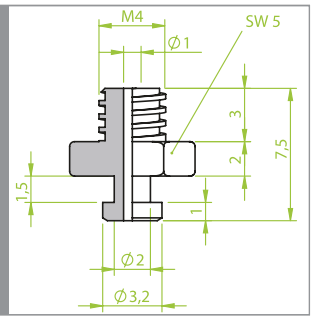
Art.: 130.005 M 5 IG



Art.: 130.007 G 1/8" IG

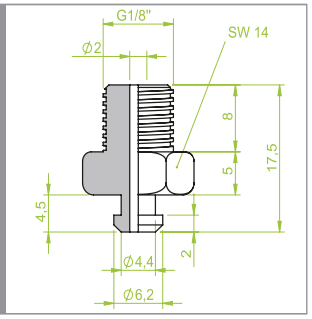


Art.: 130.111 M 4 AG

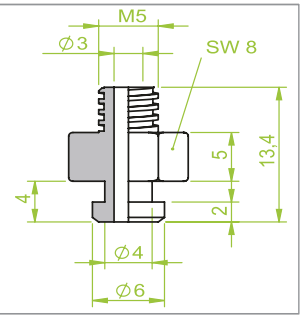


Art.: 130.

Art.: 130.009 G 1/8" AG



Art.: 130.010 M 5 AG

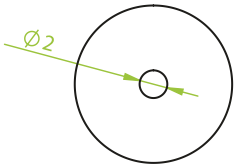


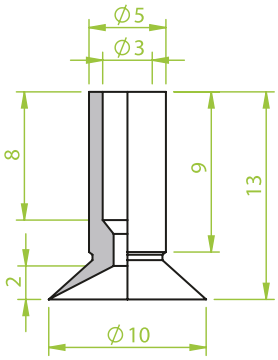
Flachsauger | Flat cups

Ø10 mm

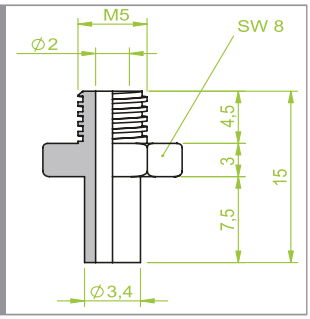
Art.: 10.010.191._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm





Art.: 130.022 M 5 AG



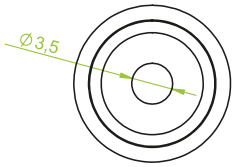
Art.: 130.

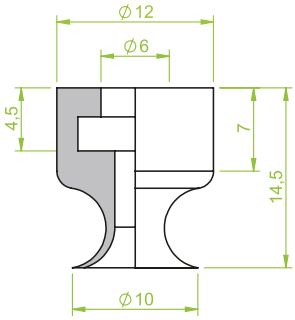
Flachsauger | Flat cups

Ø10 mm

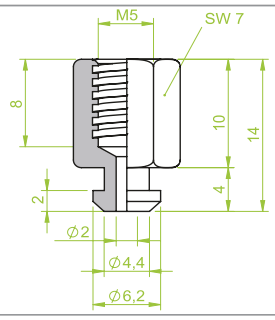
Art.: 10.010.194._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm

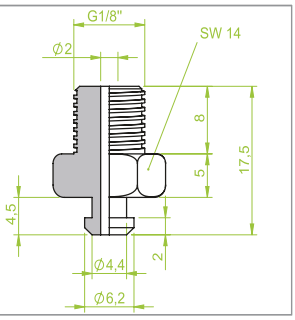




Art.: 130.005 M 5 IG



Art.: 130.009 G 1/8" AG



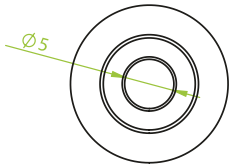
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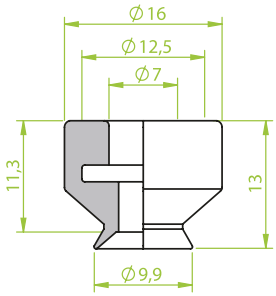
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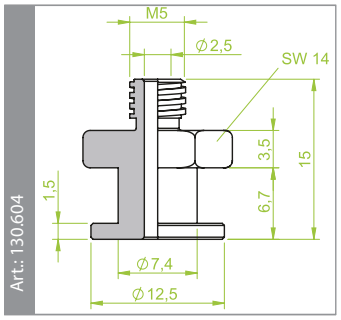
Flachsauger | Flat cups

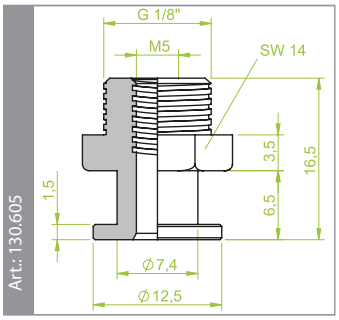
Ø10 mm

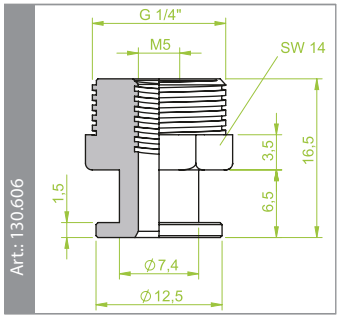
Art.: 10.010.584._	
Gewicht | Weight	2.0 gr
Hub | Stroke	1.0 mm







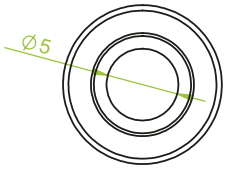


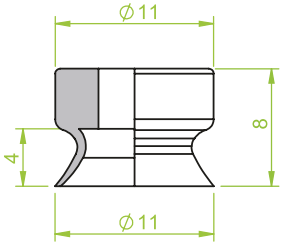


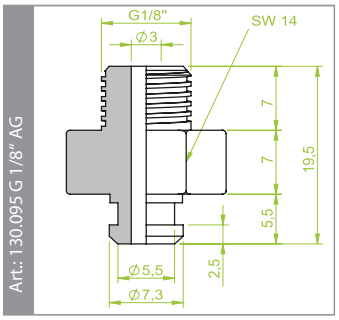
Flachsauger | Flat cups

Ø11 mm

Art.: 10.011.196._	
Gewicht | Weight	1.0 gr
Hub | Stroke	2.5 mm





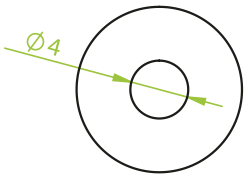


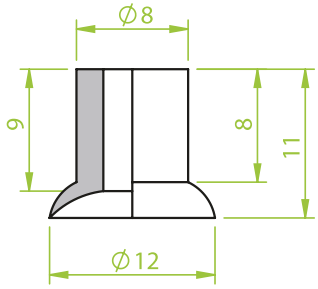
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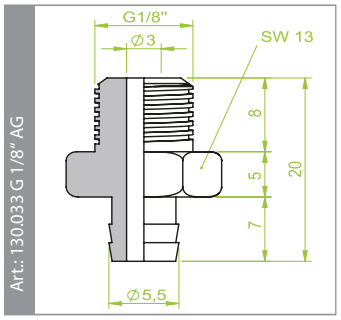
Flachsauger | Flat cups

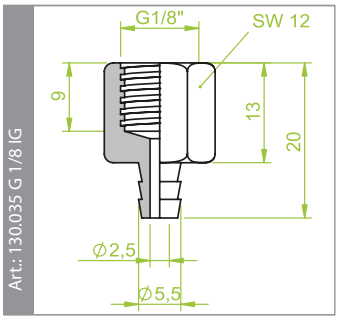
Ø12 mm

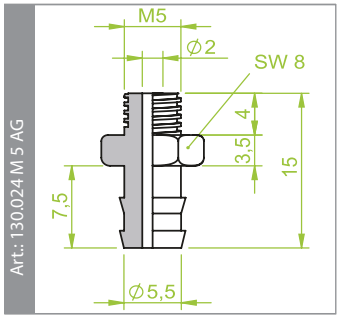
Art.: 10.012.071._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.5 mm







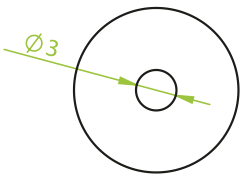


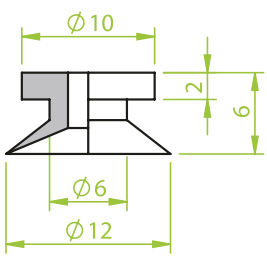


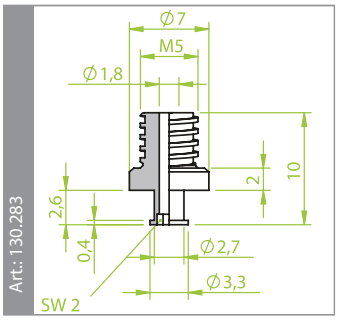
Flachsauger | Flat cups

Ø12 mm

Art.: 10.012.199._	
Gewicht | Weight	1.0 gr
Hub | Stroke	2.5 mm







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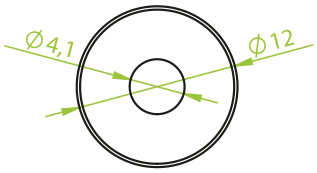
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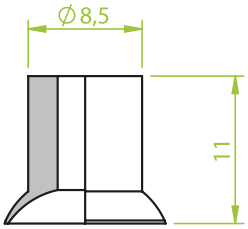
Flachsauger | Flat cups

Ø12 mm

Art.: 10.012.200._

Gewicht | Weight	0.2	gr
Hub | Stroke	1.5	mm



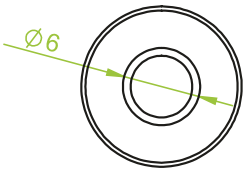


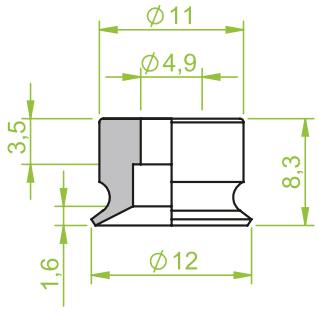
Flachsauger | Flat cups

Ø12 mm

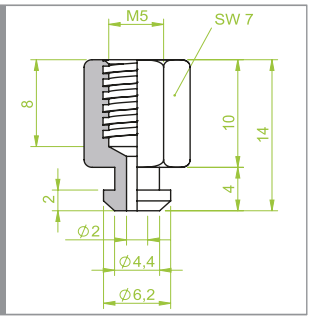
Art.: 10.012.205._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm

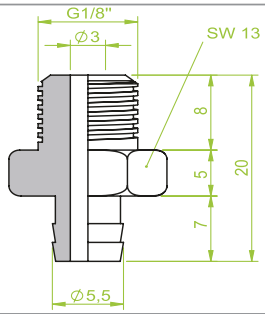




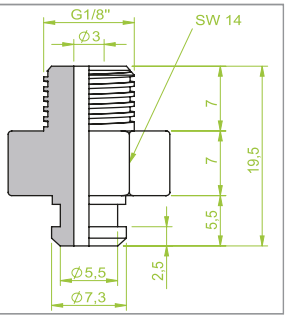
Art.: 130.005



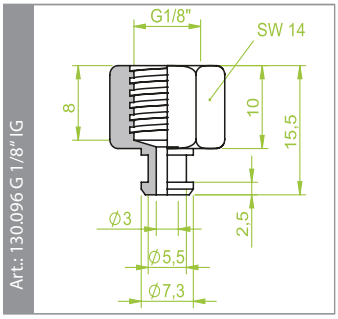
Art.: 130.033



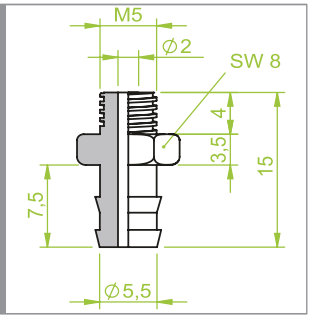
Art.: 130.095 G 1/8" AG



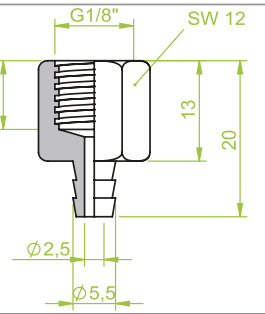
Art.: 130.096 G 1/8" IG



Art.: 130.024



Art.: 130.035



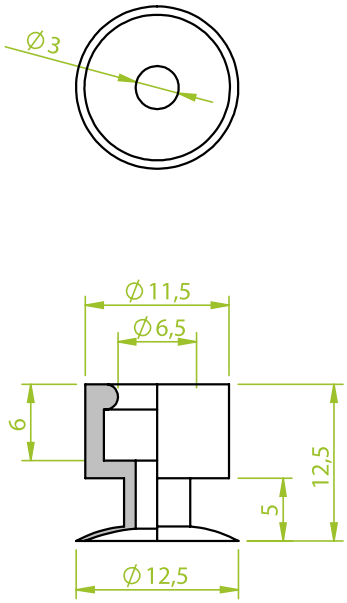
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Flachsauger | Flat cups

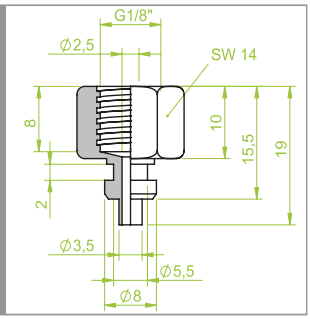
Ø12 mm

Art.: 10.012.206._

Gewicht | Weight	1.0 gr
Hub | Stroke	1.5 mm



Art.: 130.086 G 1/8" IG



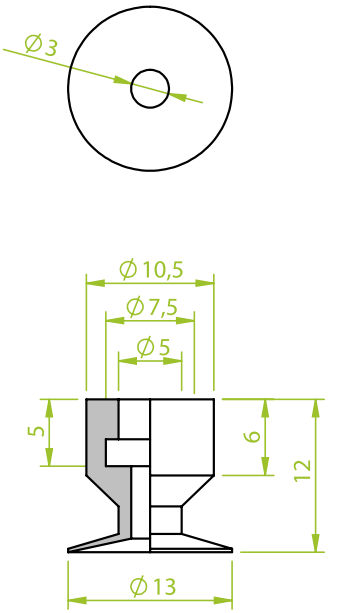
Art.: 130.

Flachsauger | Flat cups

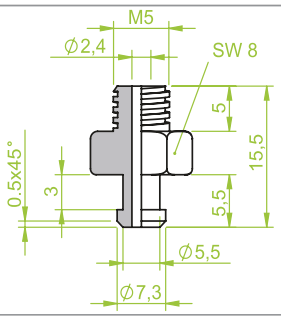
Ø13 mm

Art.: 10.013.207._

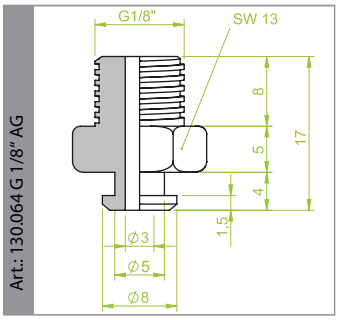
Gewicht | Weight	1.0 gr
Hub | Stroke	0.5 mm



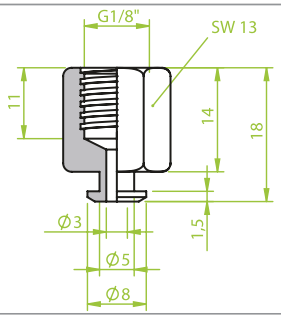
Art.: 130.094 M 5 AG



Art.: 130.064 G 1/8" AG



Art.: 130.065 G 1/8" IG



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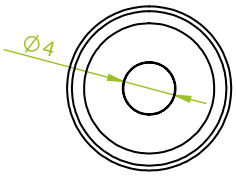
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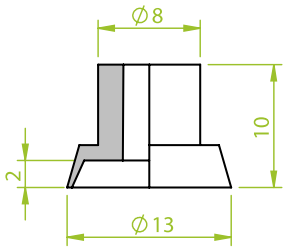
Flachsauger | Flat cups

Ø 13 mm

Art.: 10.013.209._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.5	mm



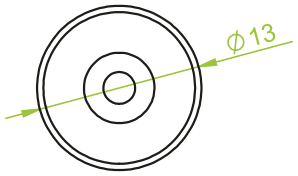


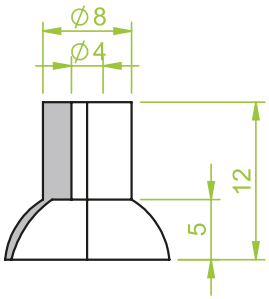
Flachsauger | Flat cups

Ø 13 mm

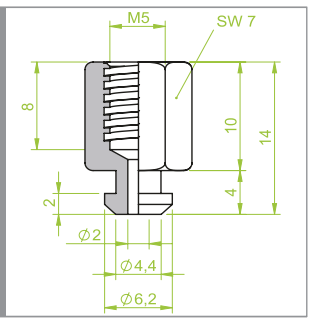
Art.: 10.013.352._

Gewicht | Weight	0.5	gr
Hub | Stroke	3.5	mm

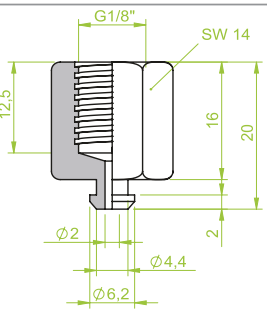




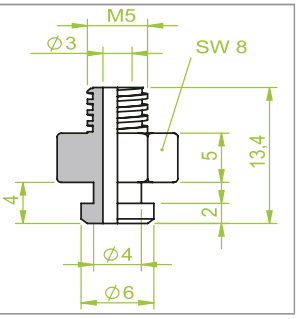
Art.: 130.005 M 5 IG



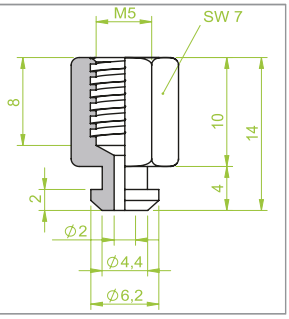
Art.: 130.007 G 1/8" IG



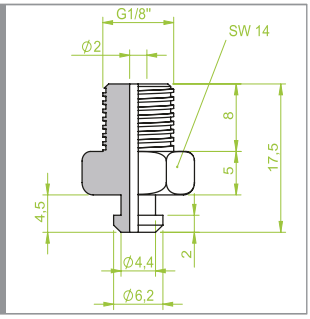
Art.: 130.010



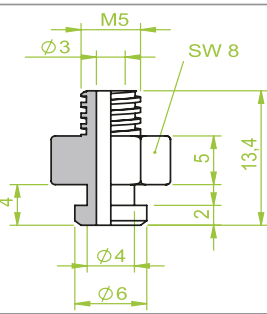
Art.: 130.005



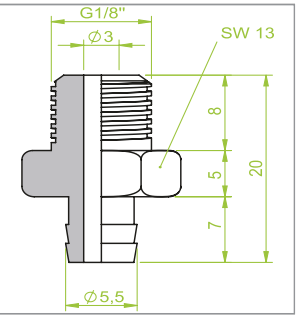
Art.: 130.009 G 1/8" AG



Art.: 130.010 M 5 AG



Art.: 130.033



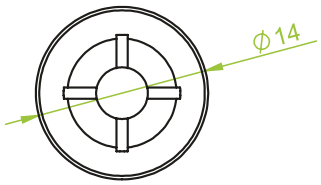
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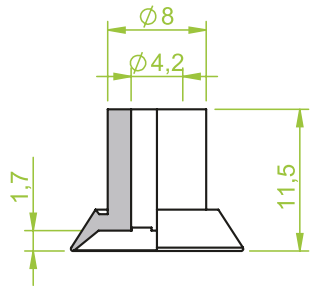
Flachsauger | Flat cups

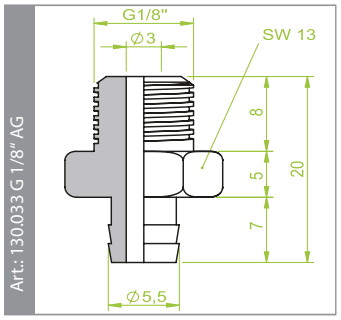
Ø 14 mm

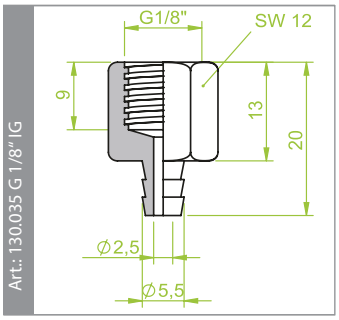
Art.: 10.014.217._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.0	mm







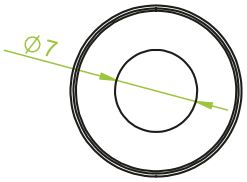


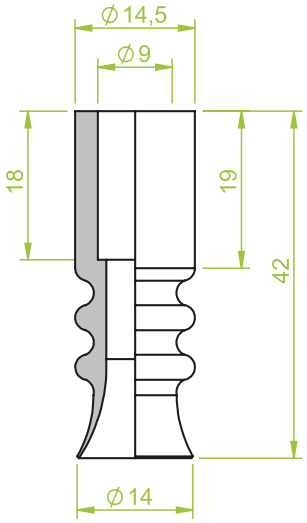
Flachsauger | Flat cups

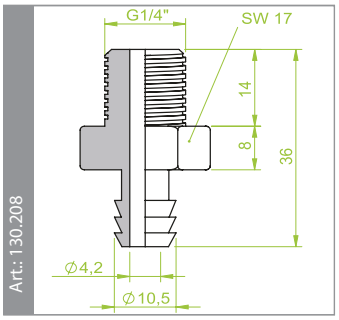
Ø 14 mm

Art.: 10.014.686._

Gewicht | Weight	4.0	gr
Hub | Stroke	5.0	mm







MORALI VACTEC SYSTEMS

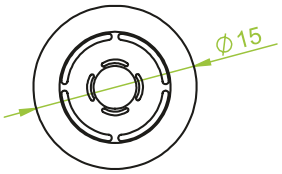
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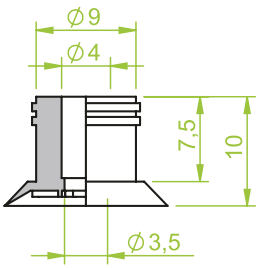
Flachsauger | Flat cups

Ø 15 mm

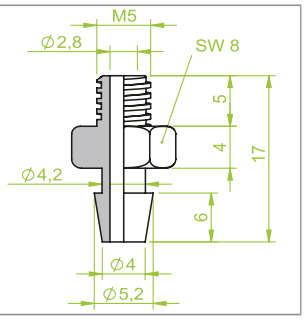
Art.: 10.015.031._

Gewicht | Weight	0.4	gr
Hub | Stroke	1.0	mm

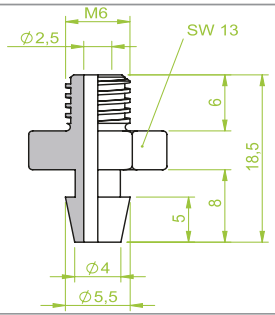




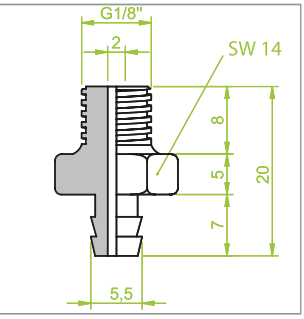
Art.: 130.134



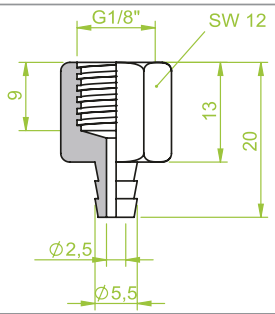
Art.: 130.104



Art.: 130.087



Art.: 130.035

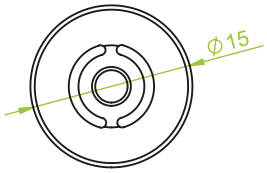


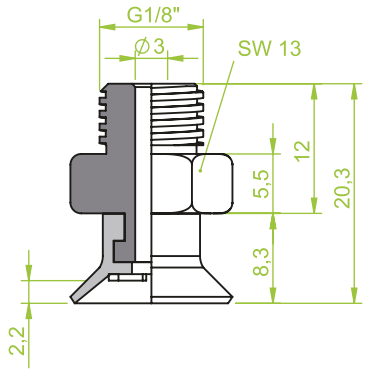
Flachsauger | Flat cups

Ø 15 mm

Art.: 14.015.043._

Gewicht | Weight	3.7	gr
Hub | Stroke	2.0	mm

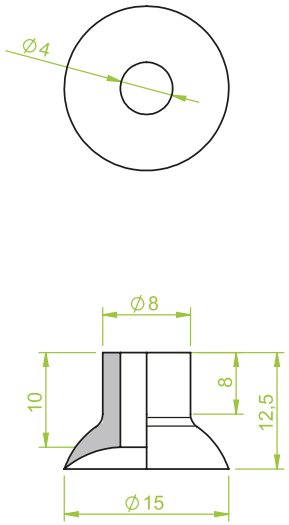


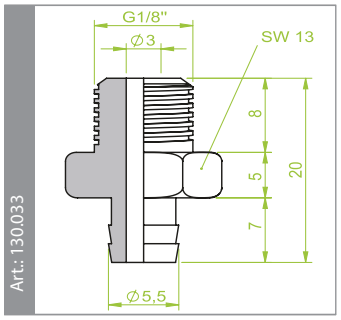


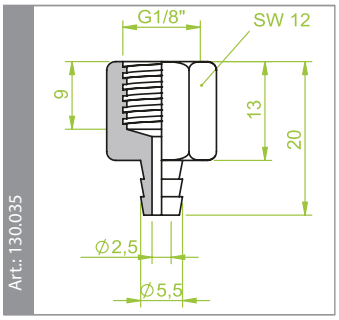
Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.073._	
Gewicht | Weight	0.6 gr
Hub | Stroke	2.0 mm



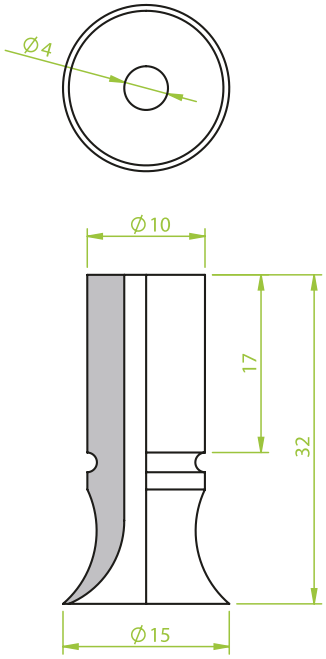


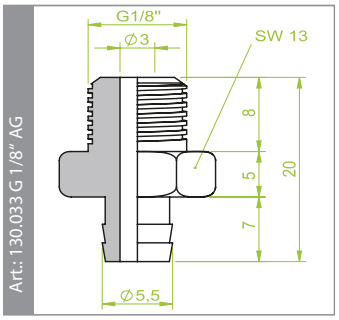


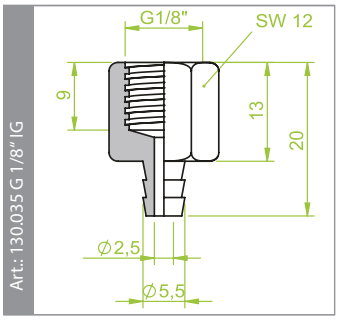
Flachsauger | Flat cups

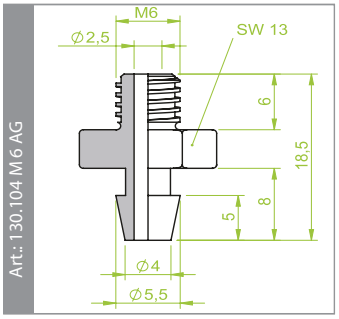
Ø 15 mm

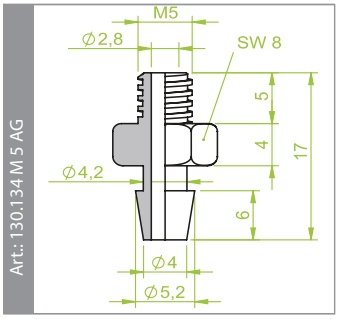
Art.: 10.015.114._	
Gewicht | Weight	1.8 gr
Hub | Stroke	6.0 mm











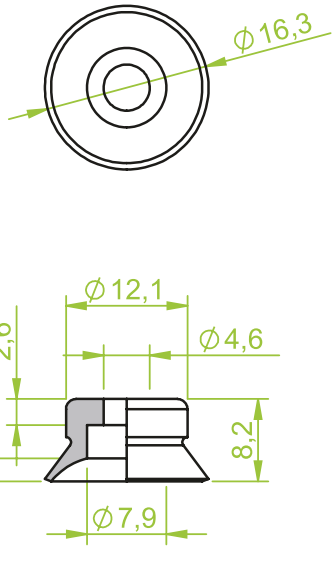
MORALI VACTEC SYSTEMS

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Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

Flachsauger | Flat cups

Ø 15 mm

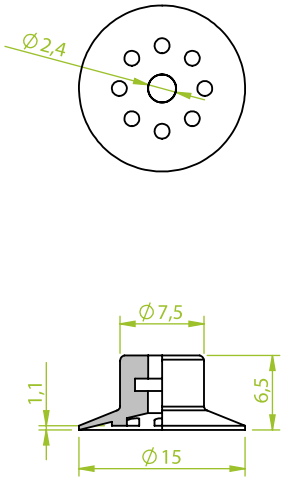
Art.: 10.015.139._	
Gewicht | Weight	1.0 gr
Hub | Stroke	2.0 mm



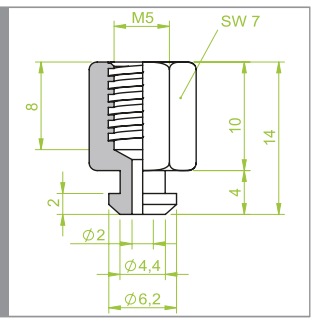
Flachsauger | Flat cups

Ø 15 mm

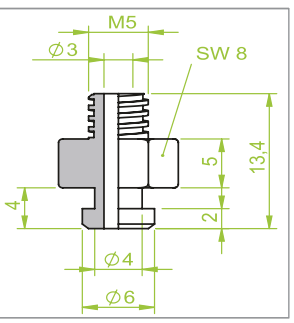
Art.: 10.015.228._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.1 mm



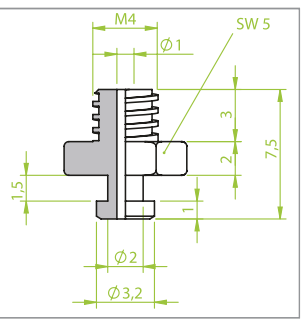
Art.: 130.005 M 5 IG



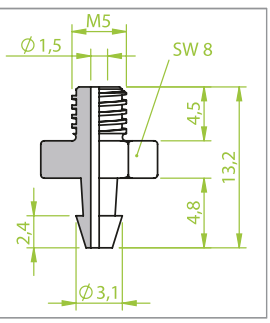
Art.: 130.010 M 5 AG



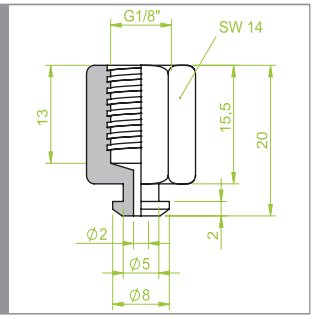
Art.: 130.111 M 4 AG



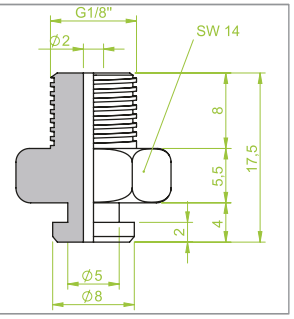
Art.: 130.591



Art.: 130.017 G 1/8" IG



Art.: 130.021 G 1/8" AG



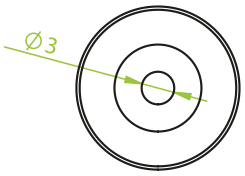
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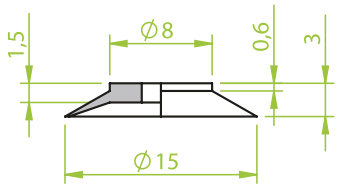
Flachsauger | Flat cups

Ø 15 mm

Art.: 10.015.604._

Gewicht | Weight	0.2	gr
Hub | Stroke	1.5	mm



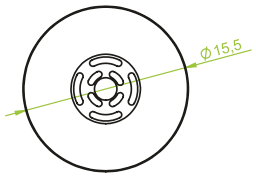


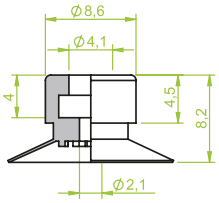
Flachsauger | Flat cups

Ø 15 mm

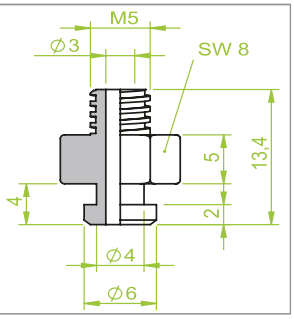
Art.: 10.015.693._

Gewicht | Weight	0.3	gr
Hub | Stroke	1.0	mm

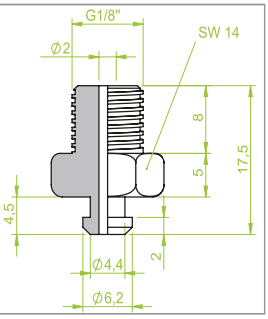




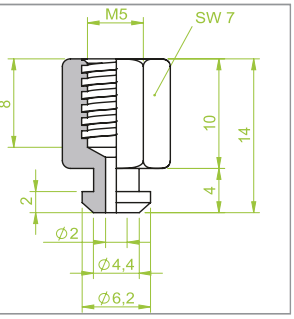
Art.: 130.010



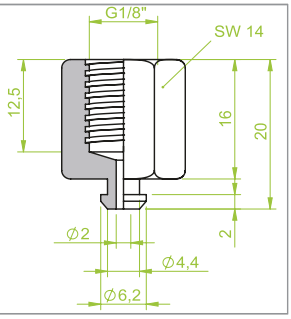
Art.: 130.009



Art.: 130.005



Art.: 130.007



MORALI VACTEC SYSTEMS

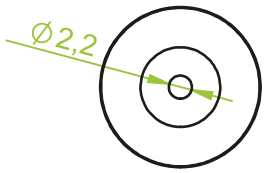
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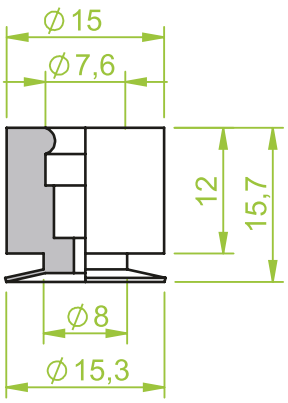
Flachsauger | Flat cups

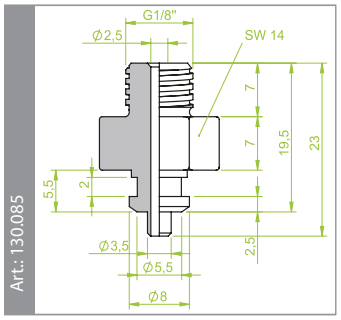
Ø 16 mm

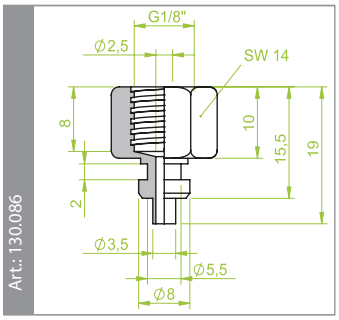
Art.: 10.016.007._

Gewicht | Weight	0.1	gr
Hub | Stroke	0.1	mm







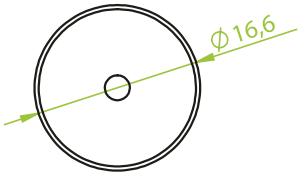


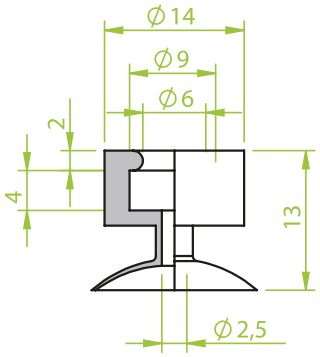
Flachsauger | Flat cups

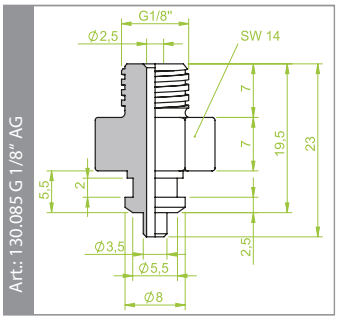
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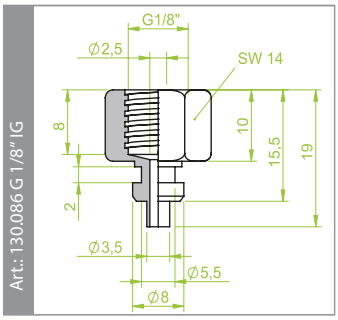
Art.: 10.016.012._

Gewicht | Weight	1.2	gr
Hub | Stroke	3.0	mm









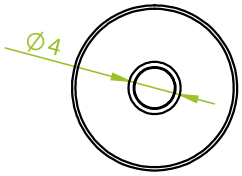
Morali Produktionstechnik GmbH
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Fon: +49 741 - 17 52 60-0
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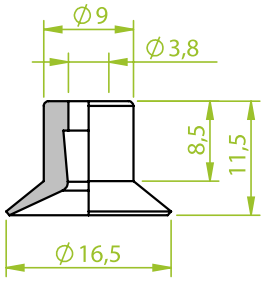
Flachsauger | Flat cups

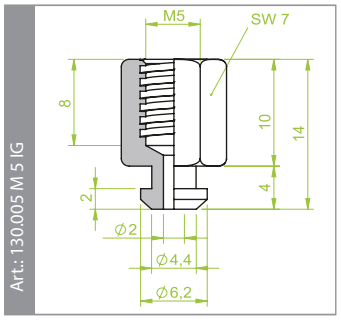
Ø 16 mm

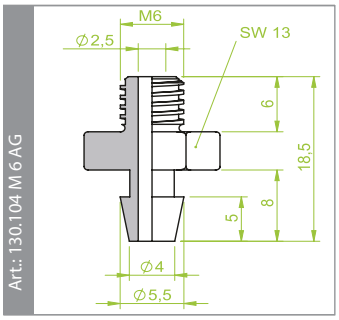
Art.: 10.016.037._

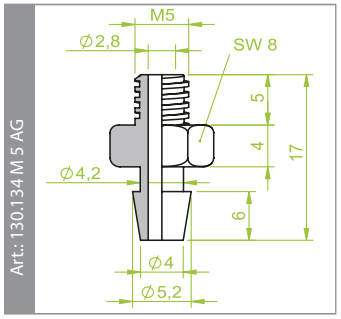
Gewicht | Weight	1.0	gr
Hub | Stroke	2.0	mm









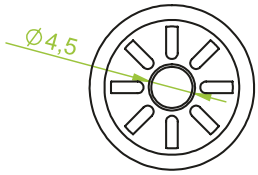


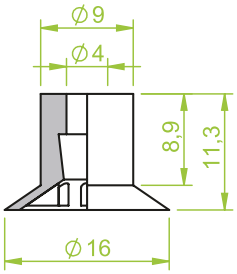
Flachsauger | Flat cups

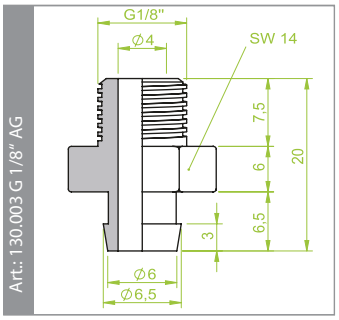
Ø 16 mm

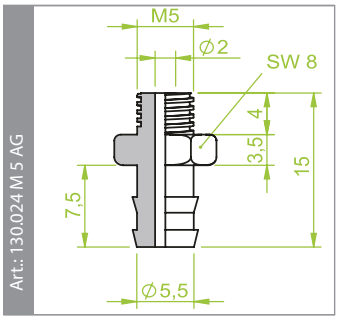
Art.: 10.016.039._

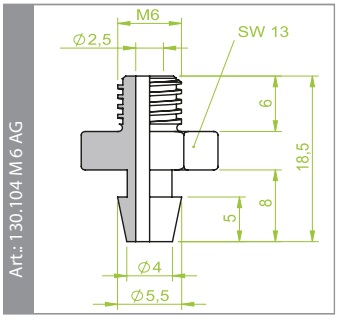
Gewicht | Weight	1.0	gr
Hub | Stroke	0.5	mm

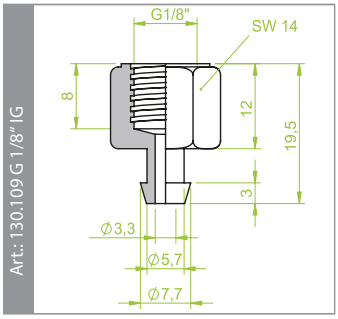


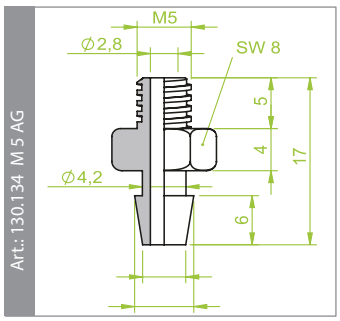












MORALI VACTEC SYSTEMS

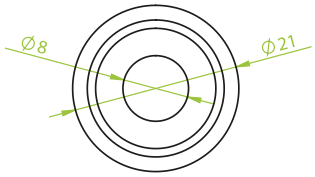
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Vakuum.- & Greifertechnik
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Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

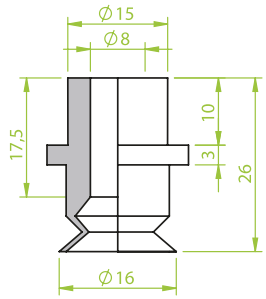
Flachsauger | Flat cups

Ø 16 mm

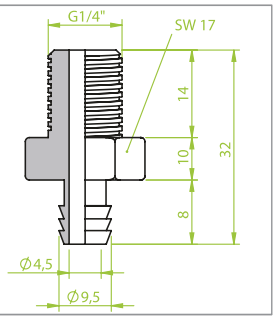
Art.: 10.016.092._

Gewicht | Weight	3.5 gr
Hub | Stroke	5.0 mm

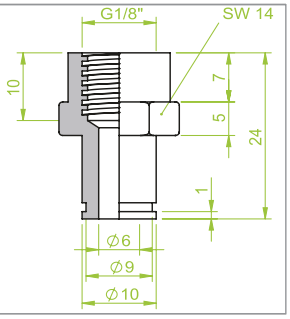




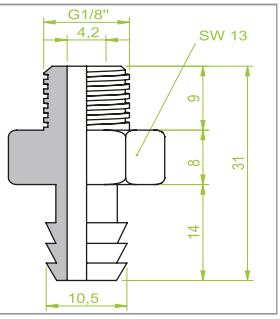
Art.: 130.043 G 1/4" AG



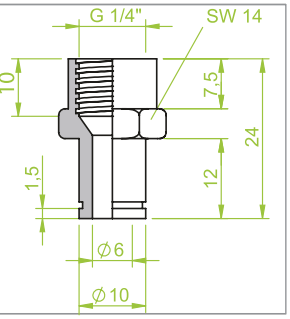
Art.: 130.114 G 1/8" IG



Art.: 130.132 G 1/8" AG



Art.: 130.178 G 1/4" IG

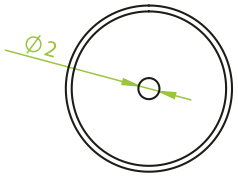


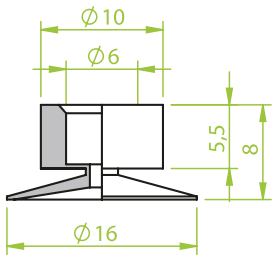
Flachsauger | Flat cups

Ø 16 mm

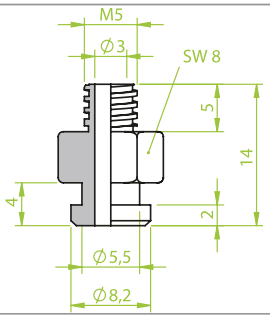
Art.: 10.016.239. _

Gewicht | Weight	1.0 gr
Hub | Stroke	0.5 mm





Art.: 130.200 M 5 AG



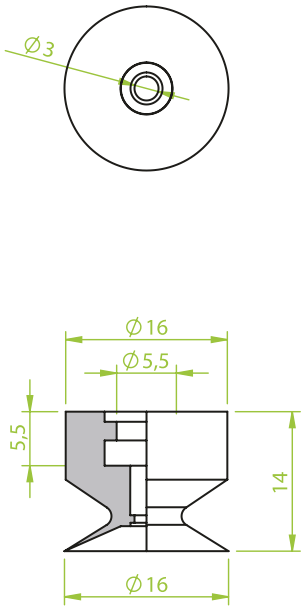
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Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.240.._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.0	mm

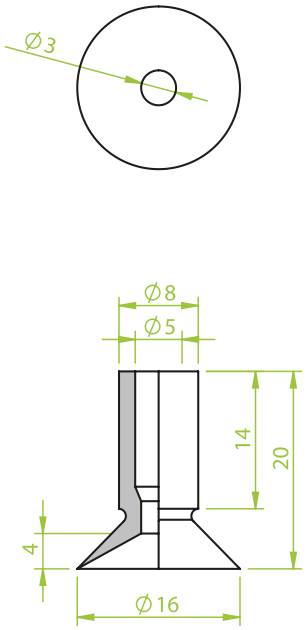


Flachsauger | Flat cups

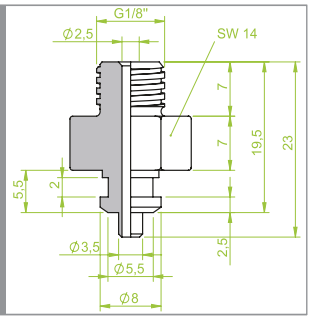
Ø 16 mm

Art.: 10.016.243.._

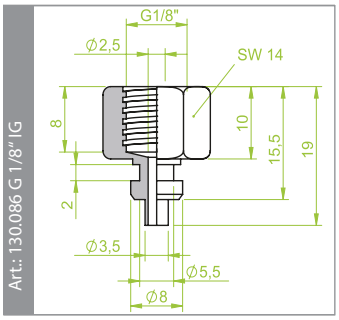
Gewicht | Weight	1.0	gr
Hub | Stroke	5.0	mm



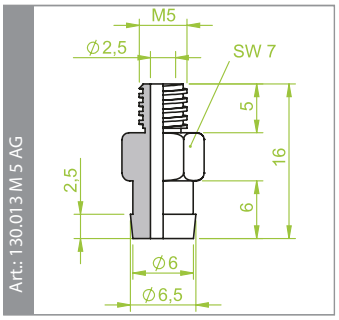
Art.: 130.085 G 1/8" AG



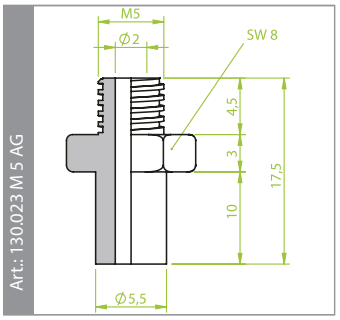
Art.: 130.086 G 1/8" IG



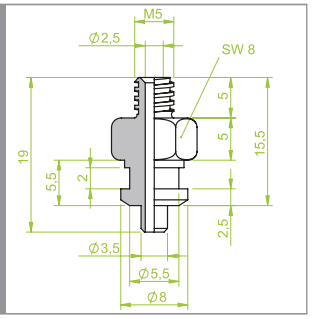
Art.: 130.013 M 5 AG



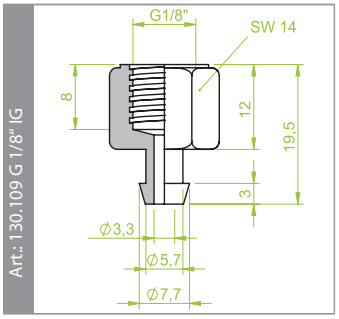
Art.: 130.023 M 5 AG



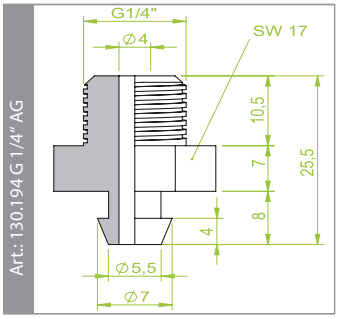
Art.: 130.037 M 5 AG



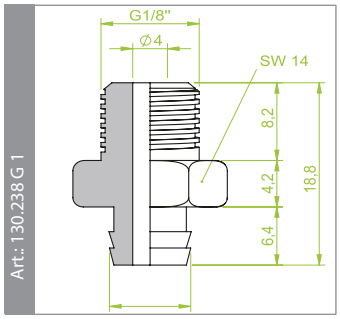
Art.: 130.109 G 1/8" IG



Art.: 130.194 G 1/4" AG



Art.: 130.238 G 1



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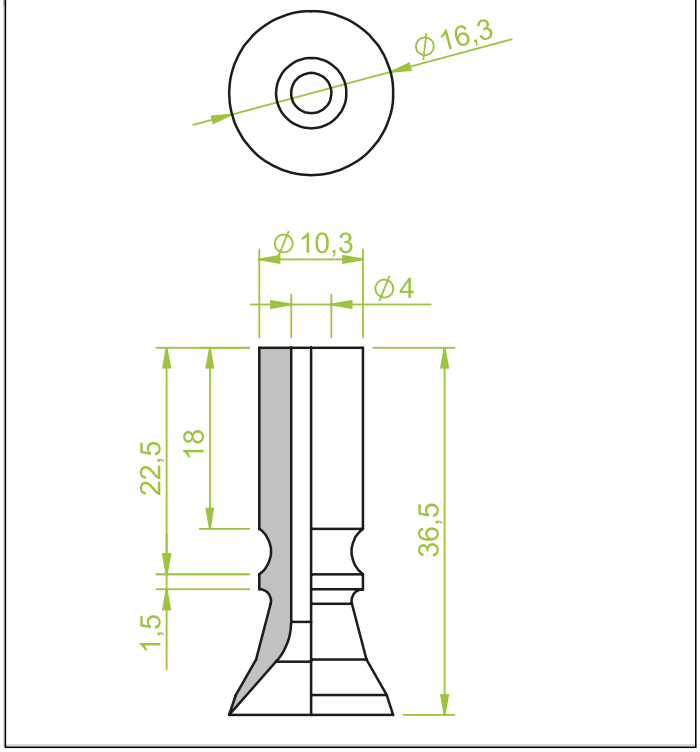
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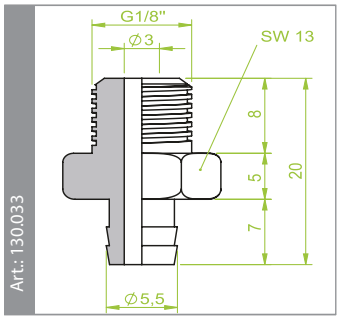
Flachsauger | Flat cups

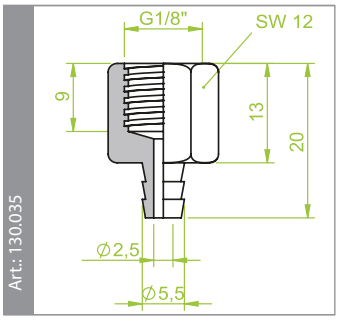
Ø 16 mm

Art.: 10.016.353._

Gewicht | Weight	2.6	gr
Hub | Stroke	6.0	mm





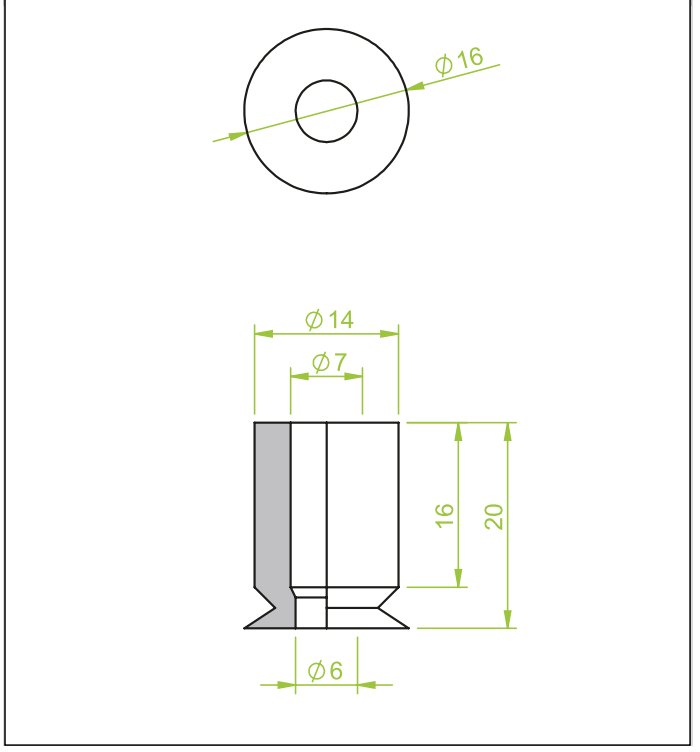


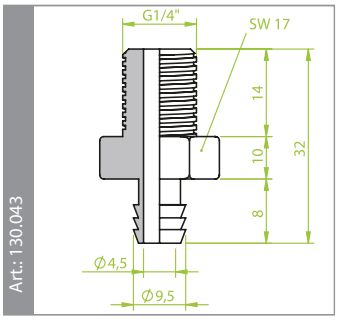
Flachsauger | Flat cups

Ø 16 mm

Art.: 10.016.651._

Gewicht | Weight	1.8	gr
Hub | Stroke	3.0	mm





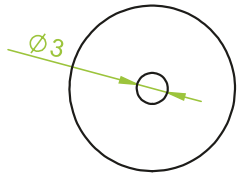
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Fax: +49 741 - 17 52 60-29
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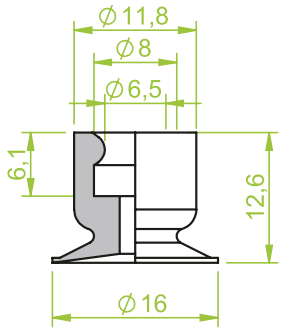
Flachsauger | Flat cups

Ø 16 mm

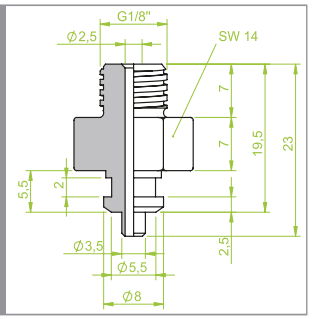
Art.: 10.016.658._

Gewicht | Weight	0.8 gr
Hub | Stroke	2.0 mm

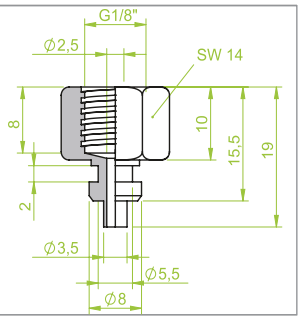




Art.: 130.085



Art.: 130.086

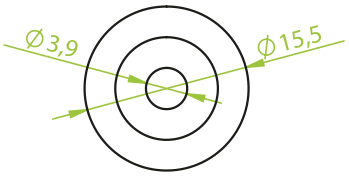


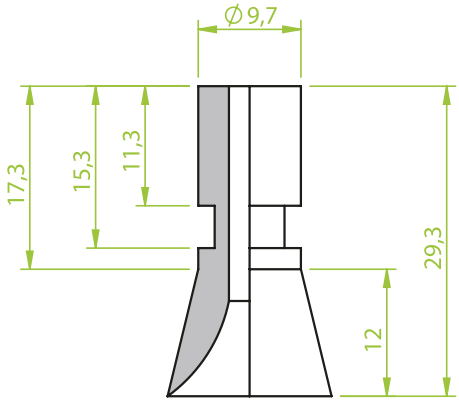
Flachsauger | Flat cups

Ø 16 mm

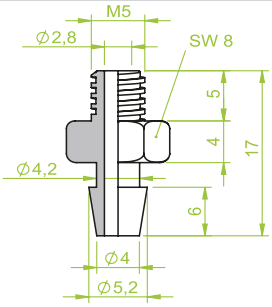
Art.: 10.016.685._

Gewicht | Weight	2.3 gr
Hub | Stroke	3.0 mm

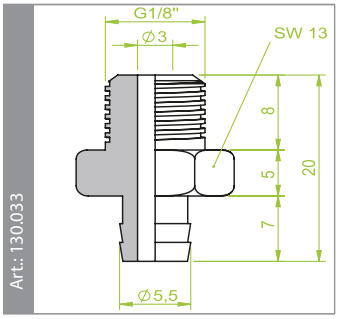




Art.: 130.134



Art.: 130.033



MORALI VACTEC SYSTEMS

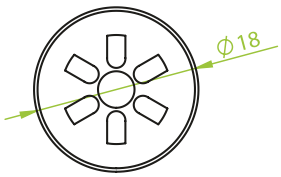
Morali Produktionstechnik GmbH
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Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

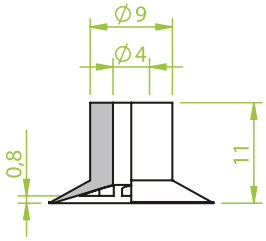
Flachsauger | Flat cups

Ø 17 mm

Art.: 10.017.255._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm



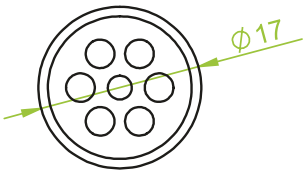


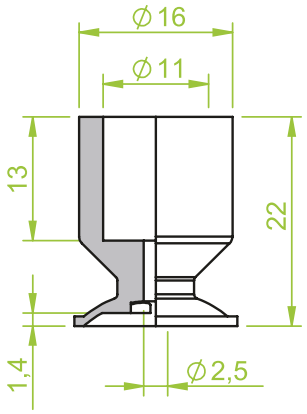
Flachsauger | Flat cups

Ø 17 mm

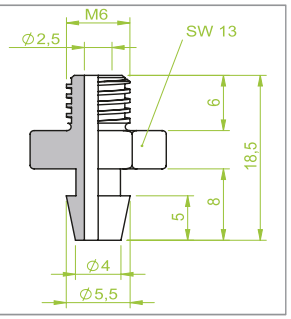
Art.: 10.017.595._

Gewicht | Weight	1.5	gr
Hub | Stroke	1.4	mm

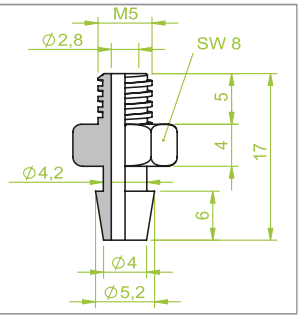




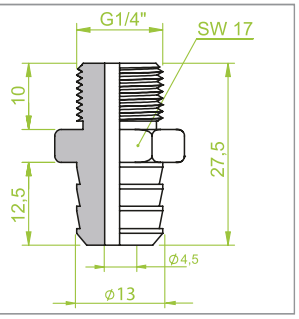
Art.: 130.104 M 6 AG



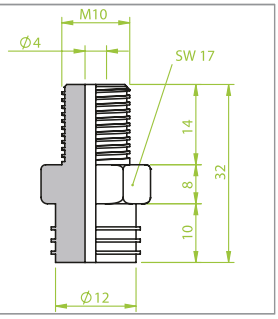
Art.: 130.134 M 5 AG



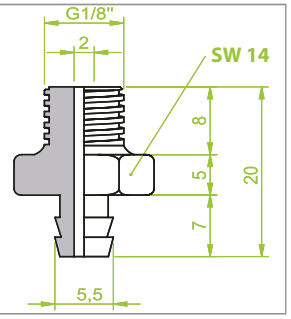
Art.: 130.609



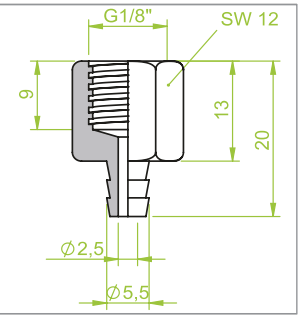
Art.: 130.177



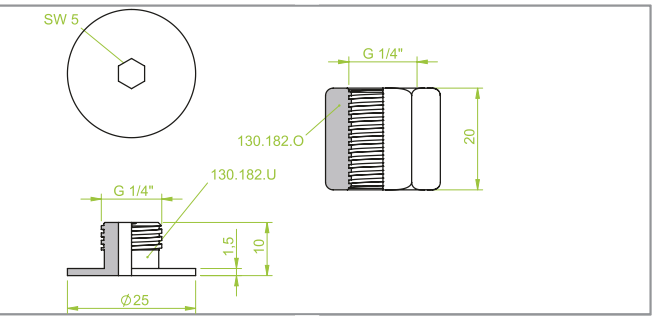
Art.: 130.087 G 1/8" AG



Art.: 130.035 G 1/8" IG



Art.: 130.182



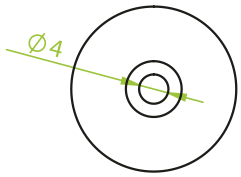
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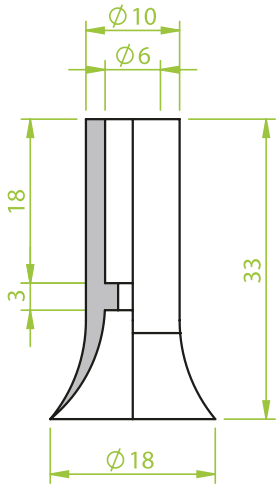
Flachsauger | Flat cups

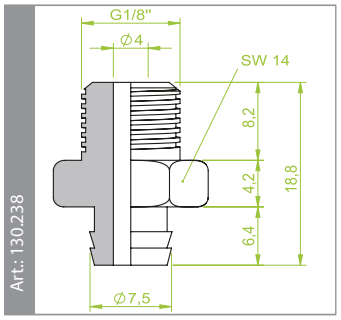
Ø 18 mm

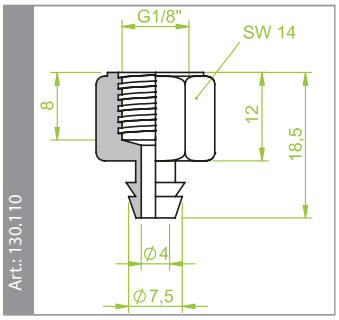
Art.: 10.018.088._

Gewicht | Weight	2.0 gr
Hub | Stroke	3.0 mm







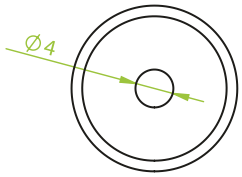


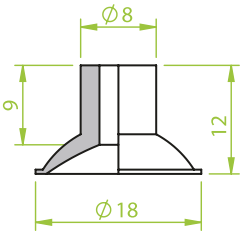
Flachsauger | Flat cups

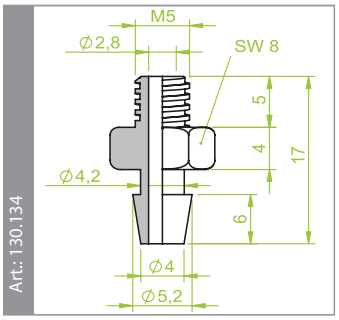
Ø 18 mm

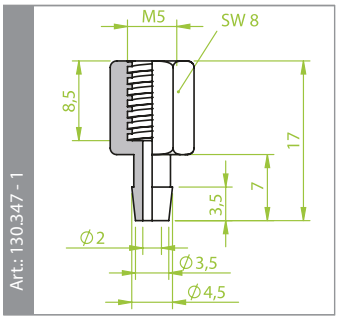
Art.: 10.018.202._

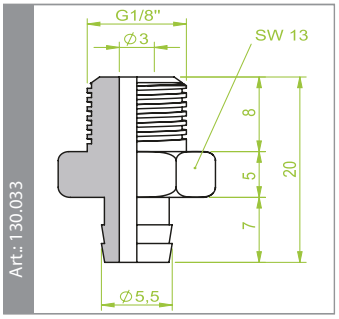
Gewicht | Weight	1.0 gr
Hub | Stroke	2.0 mm











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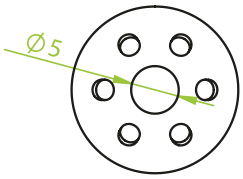
Email: info@morali-gmbh.de
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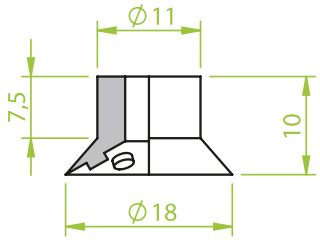
Flachsauger | Flat cups

Ø 18 mm

Art.: 10.018.265._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm



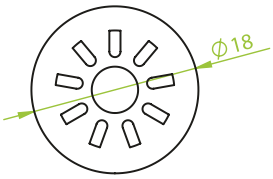


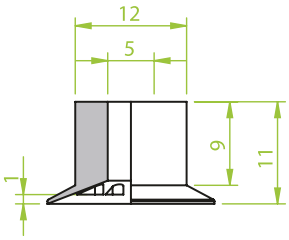
Flachsauger | Flat cups

Ø 18 mm

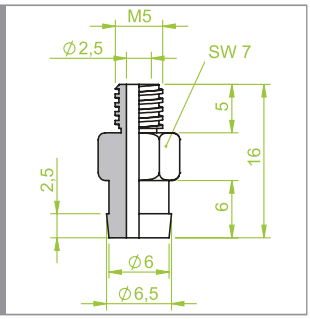
Art.: 10.018.267._

Gewicht | Weight	1.2	gr
Hub | Stroke	0.5	mm

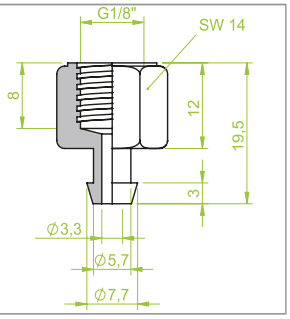




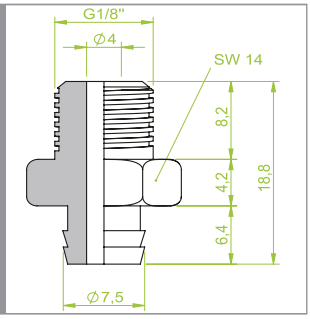
Art.: 130.013 M 5 AG



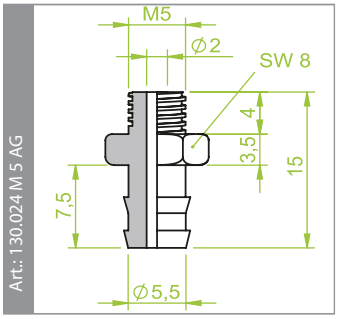
Art.: 130.109 G 1/8" IG



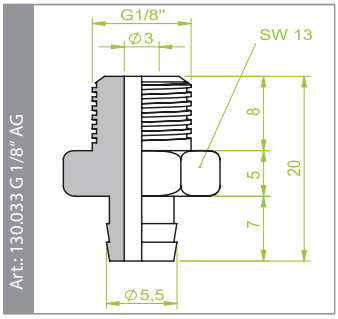
Art.: 130.238 G 1/8" AG



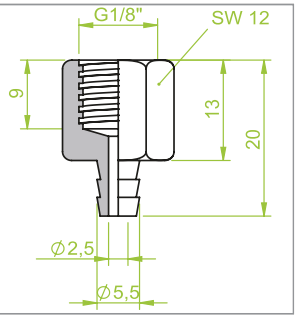
Art.: 130.024 M 5 AG



Art.: 130.033 G 1/8" AG



Art.: 130.035 G 1/8" IG



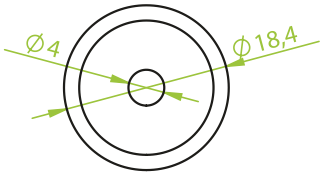
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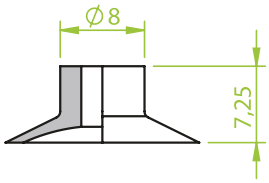
Flachsauger | Flat cups

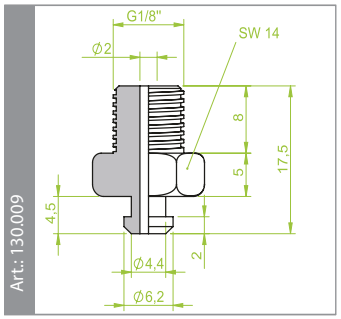
Ø 18 mm

Art.: 10.018.621._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.5	mm







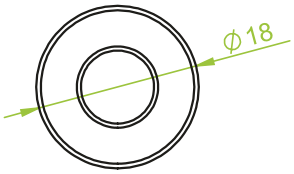
Art.: 130.

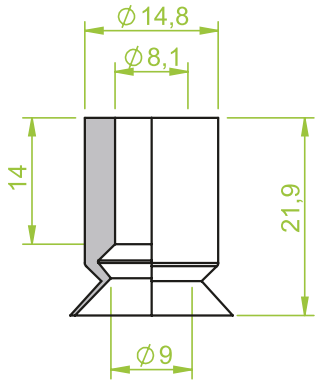
Flachsauger | Flat cups

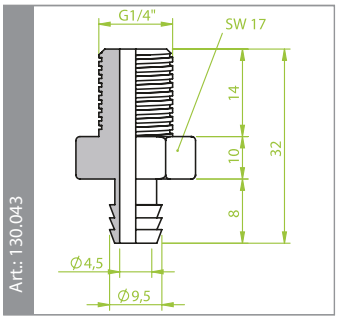
Ø 18 mm

Art.: 10.018.679._

Gewicht | Weight	2.0	gr
Hub | Stroke	5.0	mm







Art.: 130.

MORALI VACTEC SYSTEMS

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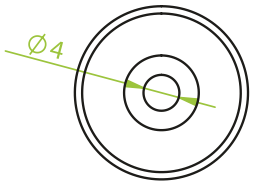
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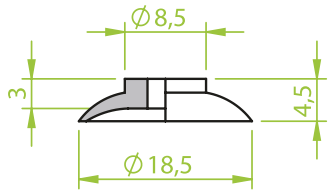
Flachsauger | Flat cups

Ø 19 mm

Art.: 10.019.274._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.0	mm



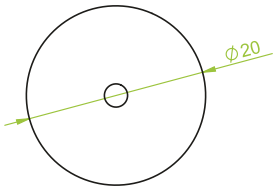


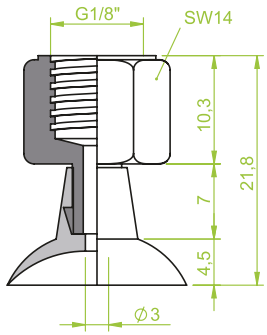
Flachsauger | Flat cups

Ø 20 mm

Art.: 11.020.002._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.5	mm





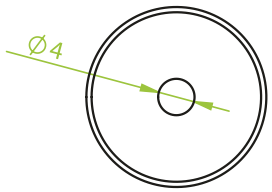
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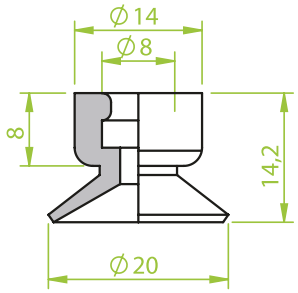
Flachsauger | Flat cups

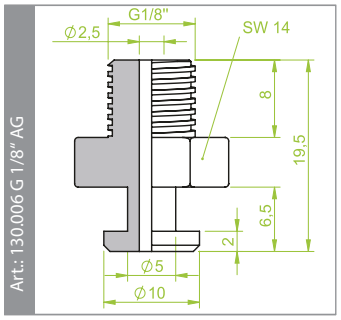
Ø 20 mm

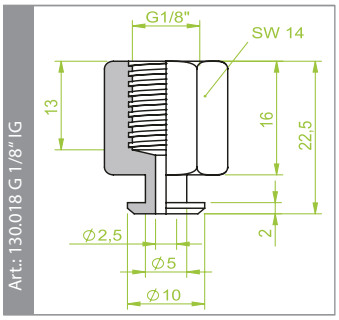
Art.:10.020.011._

Gewicht | Weight	2.2	gr
Hub | Stroke	3.5	mm







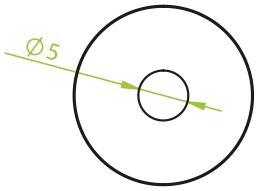


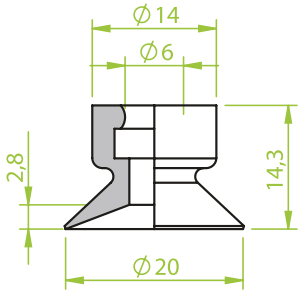
Flachsauger | Flat cups

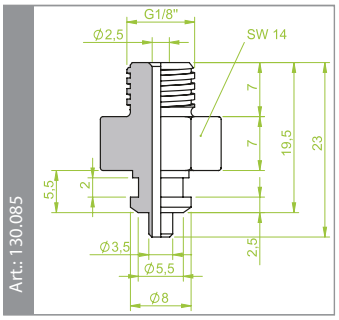
Ø 20 mm

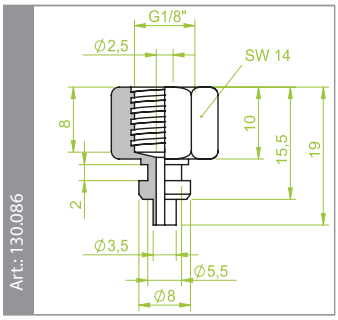
Art.: 10.020.015._

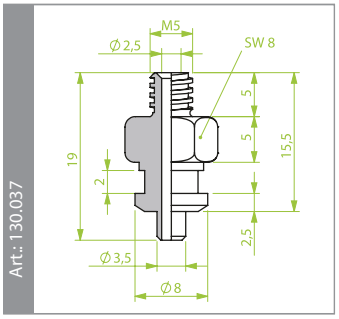
Gewicht | Weight	1.6	gr
Hub | Stroke	3.0	mm











MORALI VACTEC SYSTEMS

Morali Produktionstechnik GmbH
Vakuum.- & Greifertechnik

Schwarzwaldstraße 4/2
D-78628 Rottweil

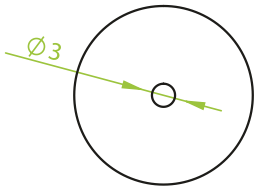
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29

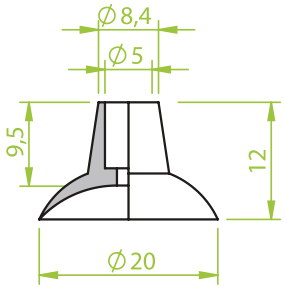
Email: info@morali-gmbh.de
www.morali-gmbh.de

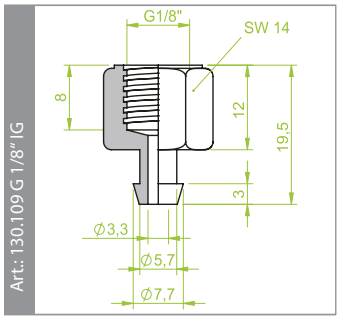
Flachsauger | Flat cups

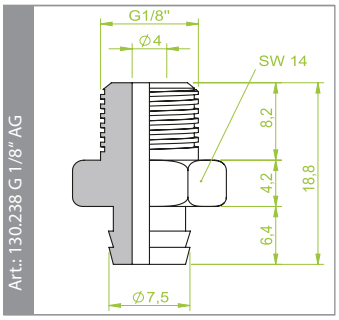
Ø 20 mm

Art.: 10.020.093._	
Gewicht | Weight	1.0 gr
Hub | Stroke	2.5 mm





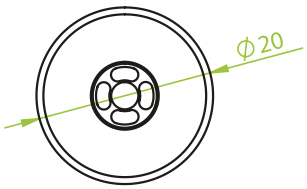


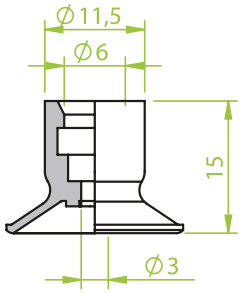


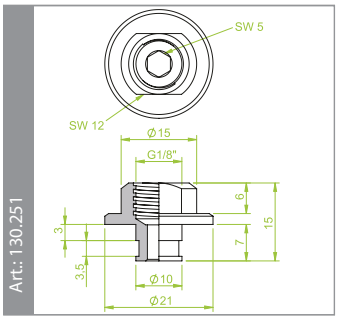
Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.116._	
Gewicht | Weight	2.0 gr
Hub | Stroke	3.0 mm









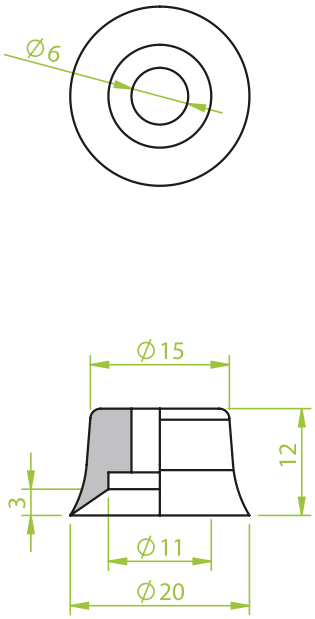
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Vakuum.- & Greifertechnik
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Fax: +49 741 - 17 52 60-29
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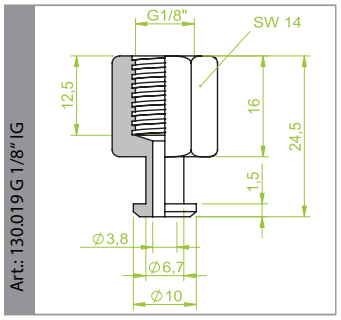
Flachsauger | Flat cups

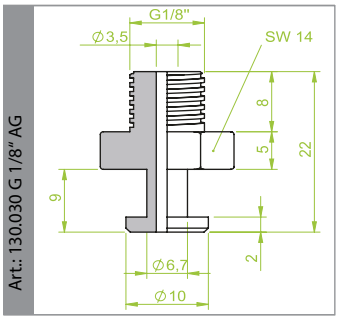
Ø 20 mm

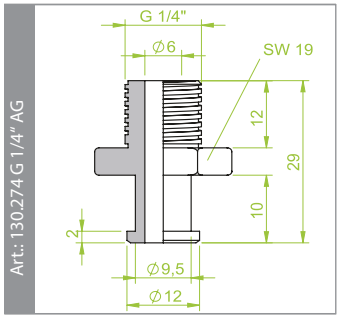
Art.: 10.020.140._

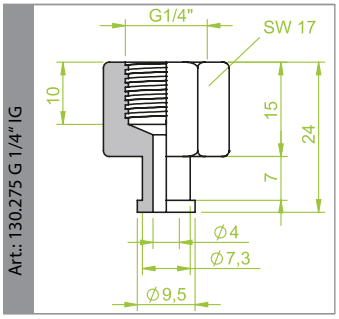
Gewicht | Weight	2.0	gr
Hub | Stroke	3.0	mm









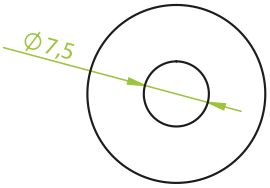


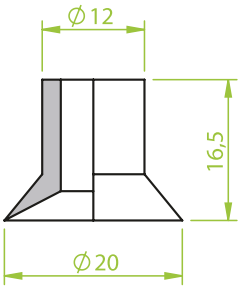
Flachsauger | Flat cups

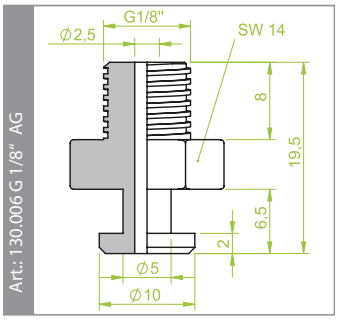
Ø 20 mm

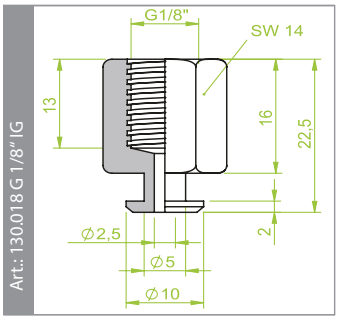
Art.: 10.020.176._

Gewicht | Weight	1.2	gr
Hub | Stroke	3.0	mm









MORALI VACTEC SYSTEMS

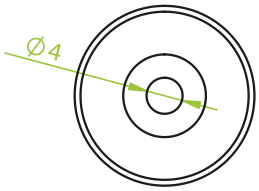
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Fax: +49 741 - 17 52 60-29
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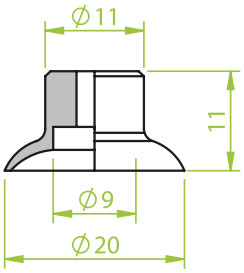
Flachsauger | Flat cups

Ø 20 mm

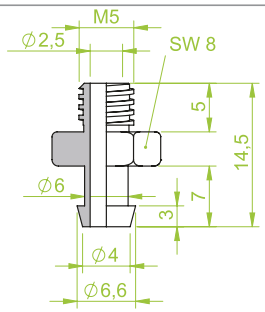
Art.: 10.020.278._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.5	mm





Art.: 130.317 M 5 AG



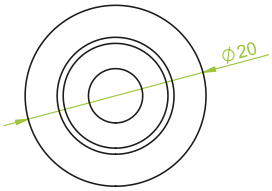
Art.: 130.

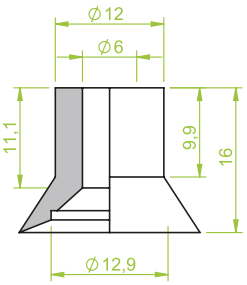
Flachsauger | Flat cups

Ø 20 mm

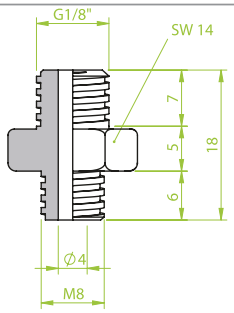
Art.: 10.020.282._

Gewicht | Weight	1.4	gr
Hub | Stroke	1.5	mm

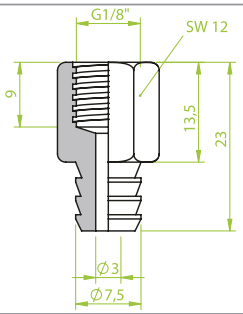




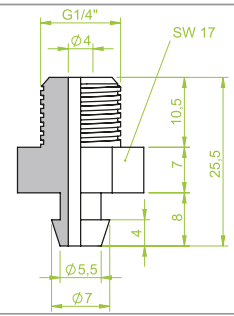
Art.: 130.131



Art.: 130.041



Art.: 130.194



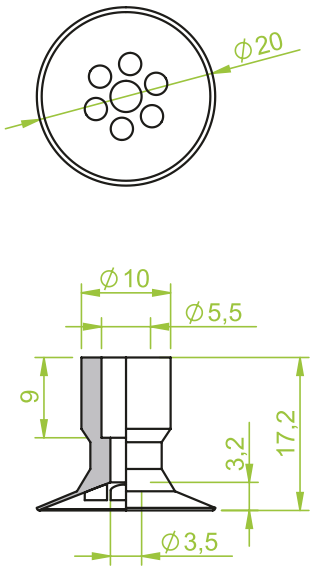
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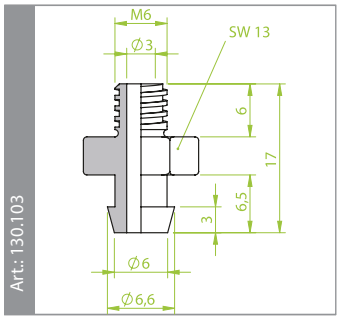
Flachsauger | Flat cups

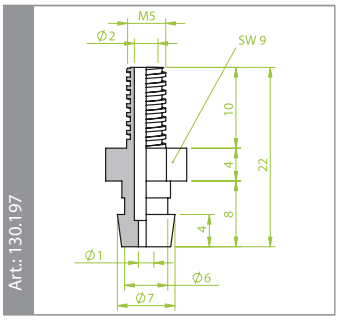
Ø 20 mm

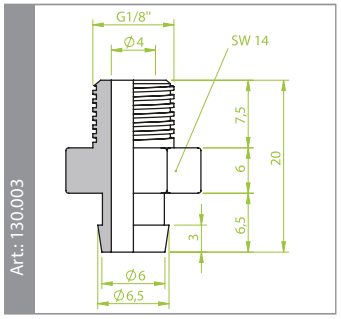
Art.: 10.020.285._

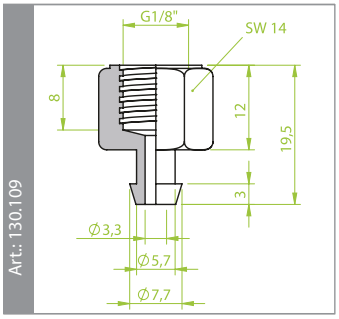
Gewicht | Weight	1.2	gr
Hub | Stroke	0.5	mm









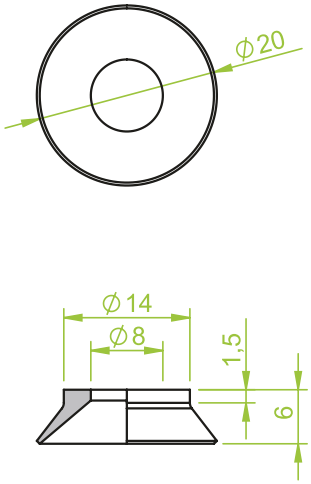


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.405._

Gewicht | Weight	0.5	gr
Hub | Stroke	1.0	mm



MORALI VACTEC SYSTEMS

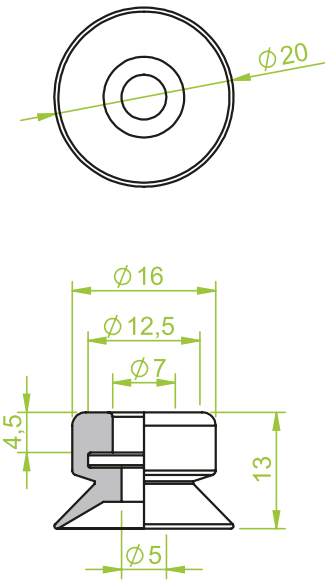
Morali Produktionstechnik GmbH
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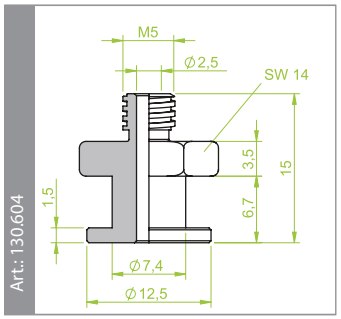
Flachsauger | Flat cups

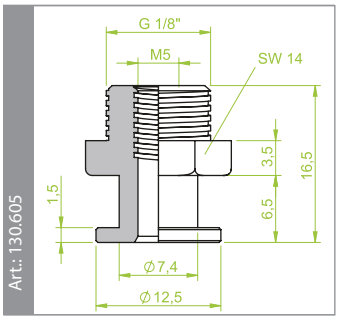
Ø 20 mm

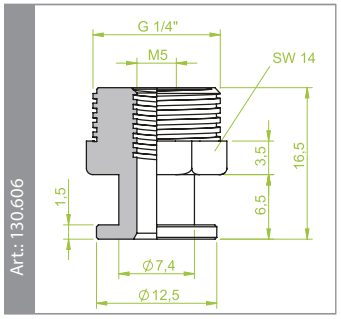
Art.: 10.020.586._

Gewicht | Weight	1.8	gr
Hub | Stroke	3.0	mm







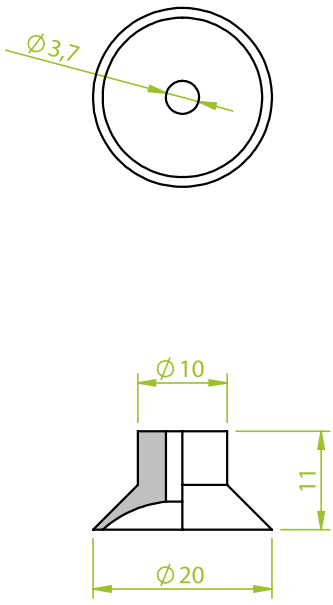


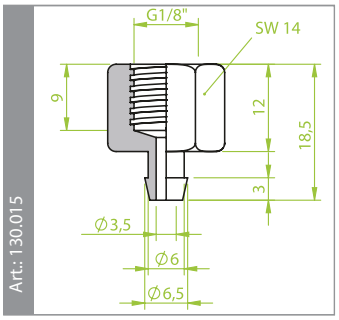
Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.597._

Gewicht | Weight	1.0	gr
Hub | Stroke	2.0	mm





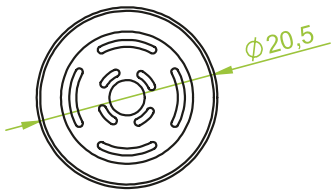
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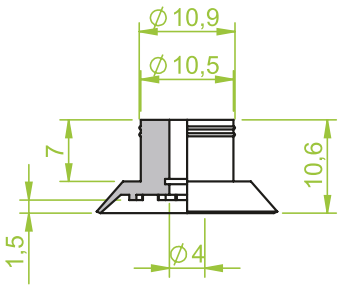
Flachsauger | Flat cups

Ø 20 mm

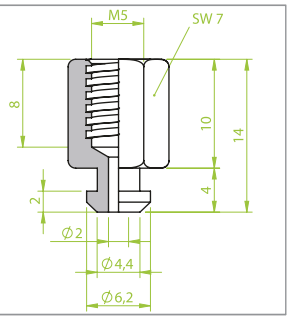
Art.: 10.020.613._

Gewicht | Weight	0.8 gr
Hub | Stroke	1.0 mm

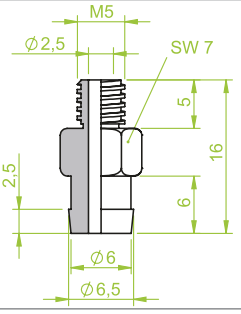




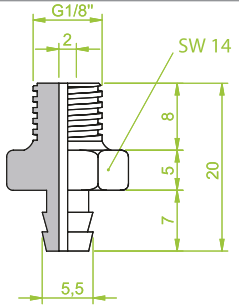
Art.: 130.005



Art.: 130.013



Art.: 130.087

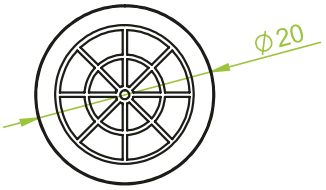


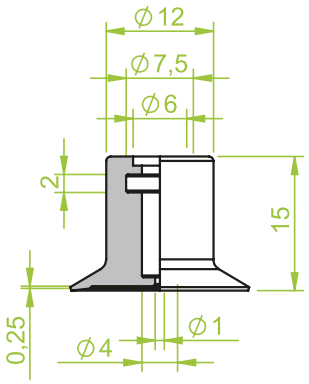
Flachsauger | Flat cups

Ø 20 mm

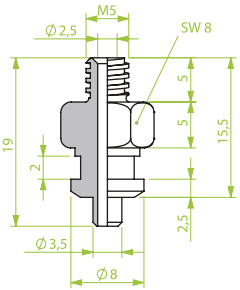
Art.: 10.020.626._

Gewicht | Weight	1.7 gr
Hub | Stroke	0.0 mm

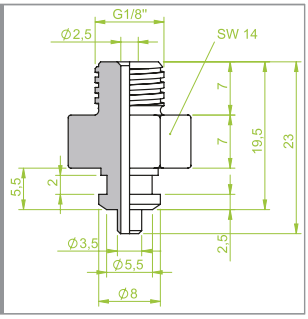




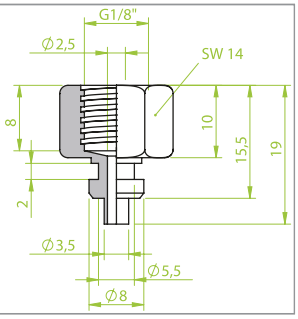
Art.: 130.037



Art.: 130.085



Art.: 130.086

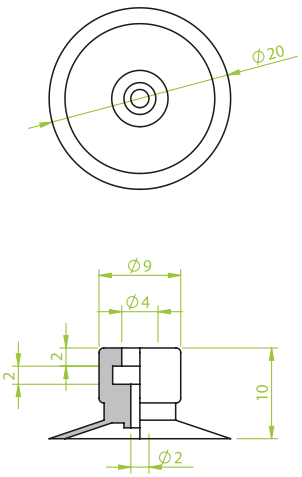


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.020.647._

Gewicht | Weight	0.6	gr
Hub | Stroke	0.6	mm

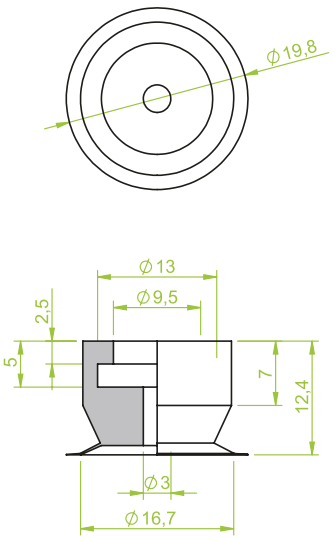


Flachsauger | Flat cups

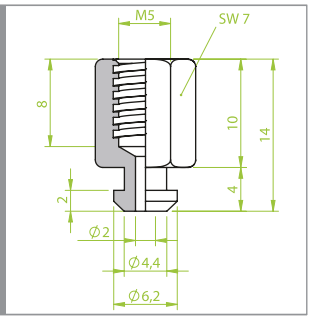
Ø 20 mm

Art.: 10.020.675._

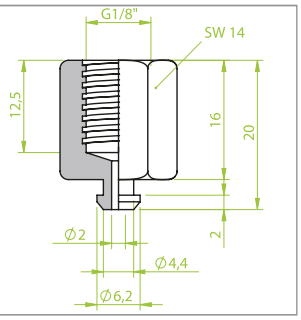
Gewicht | Weight	2.0	gr
Hub | Stroke	1.0	mm



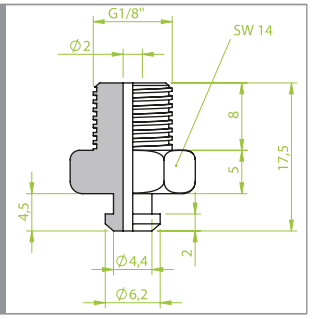
Art.: 130.005



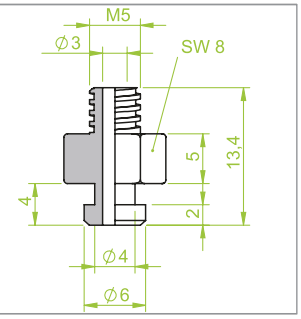
Art.: 130.007



Art.: 130.009



Art.: 130.010

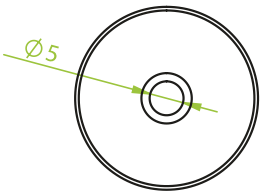


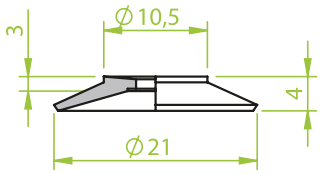
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Flachsauger | Flat cups

Ø 21mm

Art.: 10.021.302._	
Gewicht | Weight	1.0 gr
Hub | Stroke	1.0 mm

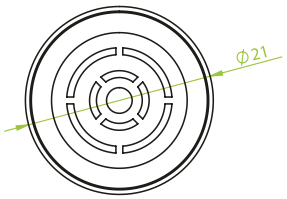


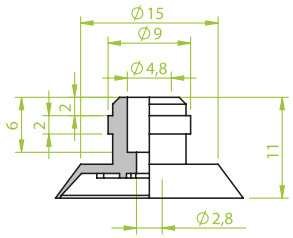


Flachsauger | Flat cups

Ø 21mm

Art.: 10.021.601._	
Gewicht | Weight	0.7 gr
Hub | Stroke	2.2 mm





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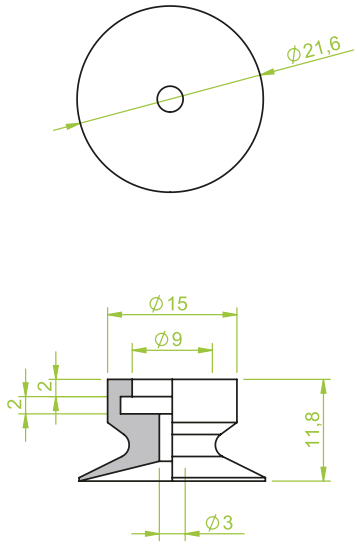
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www.morali-gmbh.de

Flachsauger | Flat cups

Ø21 mm

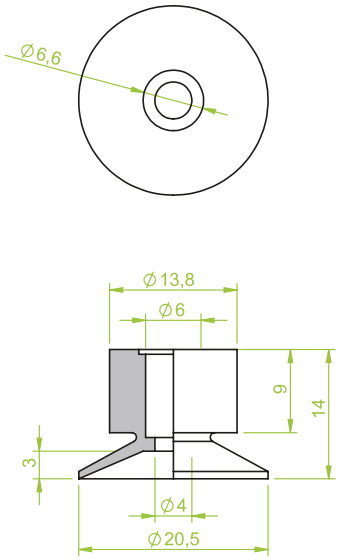
Art.: 10.021.622._		
Gewicht | Weight	1.5	gr
Hub | Stroke	1.0	mm

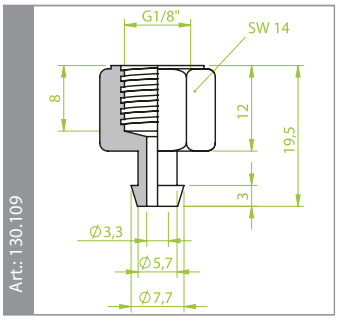


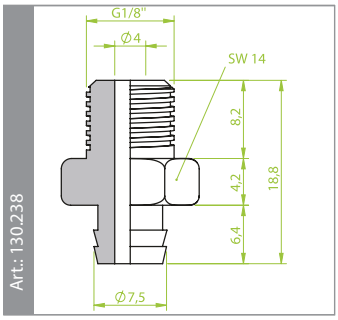
Flachsauger | Flat cups

Ø 21mm

Art.: 10.021.644._		
Gewicht | Weight	1.8	gr
Hub | Stroke	2.0	mm





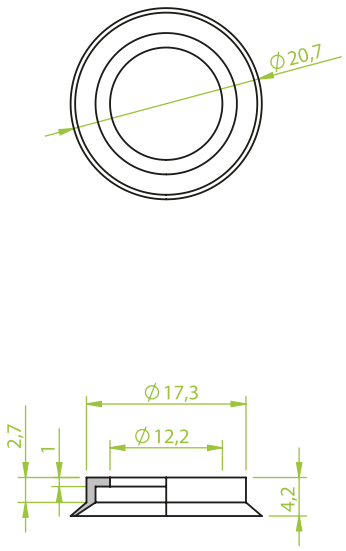


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Flachsauger | Flat cups

Ø 21 mm

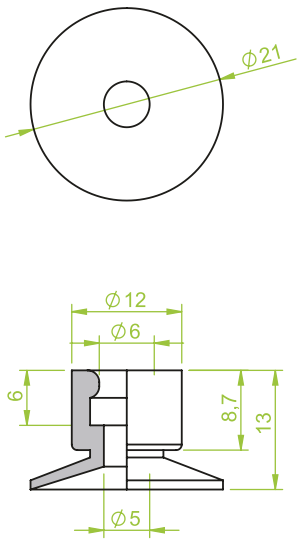
Art.: 10.021.671._	
Gewicht | Weight	0.3 gr
Hub | Stroke	0.5 mm



Flachsauger | Flat cups

Ø 21 mm

Art.: 10.021.690._	
Gewicht | Weight	1.3 gr
Hub | Stroke	2.0 mm

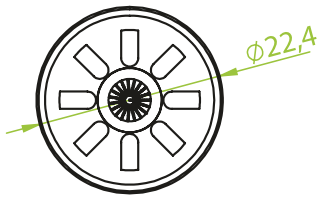


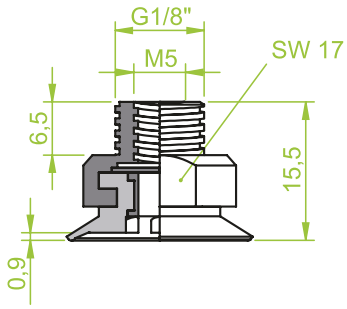
Flachsauger | Flat cups

Ø 22 mm

Art.: 11.022.004._

Gewicht | Weight	3.5	gr
Hub | Stroke	0.5	mm



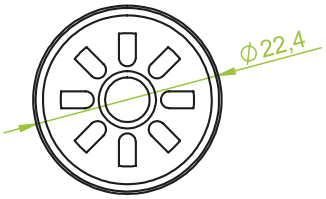


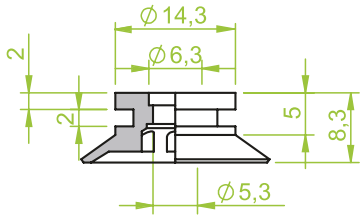
Flachsauger | Flat cups

Ø 22 mm

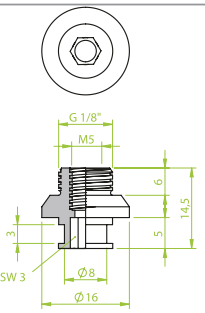
Art.: 10.022.005._

Gewicht | Weight	1.0	gr
Hub | Stroke	0.5	mm

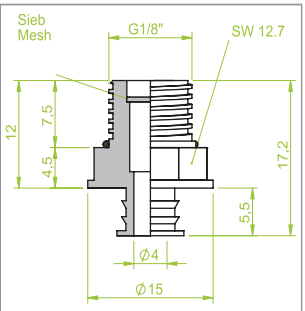




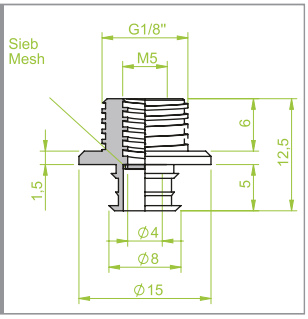
Art.: 130.250 G 1/8" AG



Art.: 130.291 G 1/8" AG



Art.: 130.291-1 G 1/8" AG



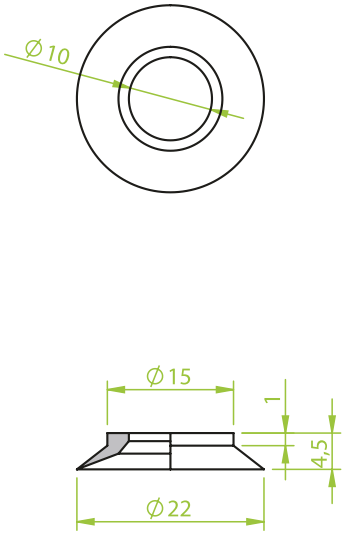
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Flachsauger | Flat cups

Ø 22 mm

Art.: 10.022.016._

Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm

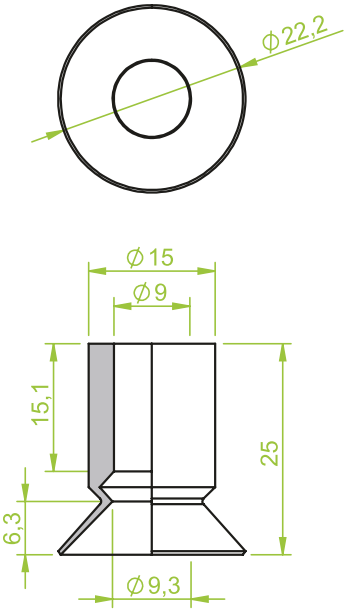


Flachsauger | Flat cups

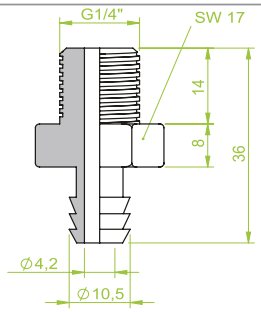
Ø 22 mm

Art.: 10.022.056._

Gewicht | Weight	2.6	gr
Hub | Stroke	5.0	mm



Art.: 130.208 G 1/4" AG

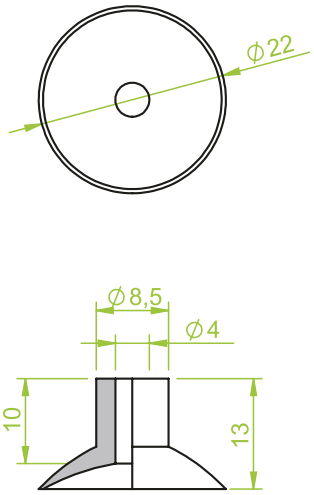


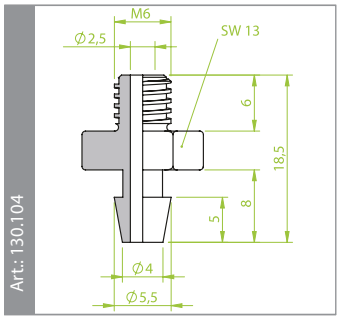
Art.: 130.

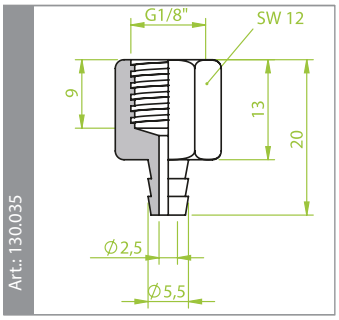
Flachsauger | Flat cups

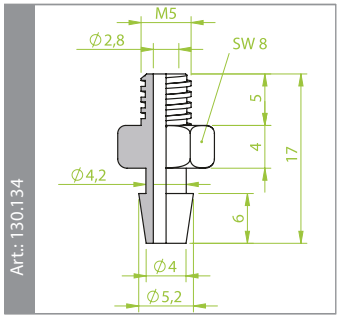
Ø 22 mm

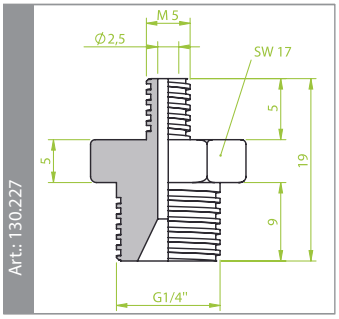
Art.: 10.022.203._		
Gewicht | Weight	1.6	gr
Hub | Stroke	3.0	mm







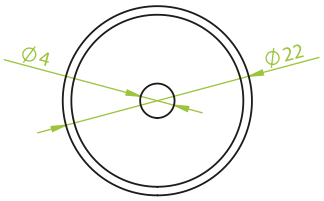


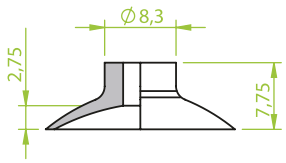


Flachsauger | Flat cups

Ø 22 mm

Art.: 10.022.663._		
Gewicht | Weight	0.9	gr
Hub | Stroke	3.0	mm





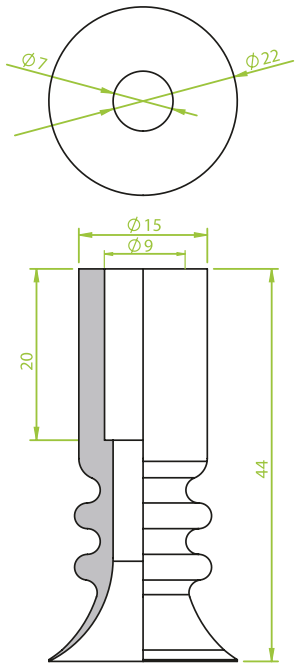
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www.morali-gmbh.de

Flachsauger | Flat cups

Ø22 mm

Art.: 10.022.684._

Gewicht | Weight	4.4	gr
Hub | Stroke	3.0	mm

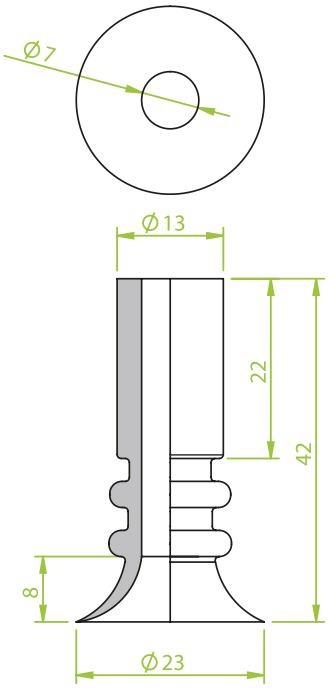


Flachsauger | Flat cups

Ø23 mm

Art.: 10.023.612._

Gewicht | Weight	4.1	gr
Hub | Stroke	4.0	mm



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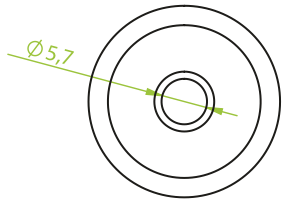
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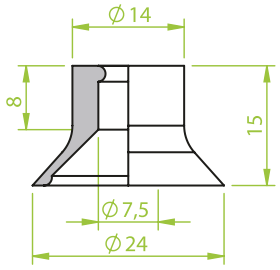
Flachsauger | Flat cups

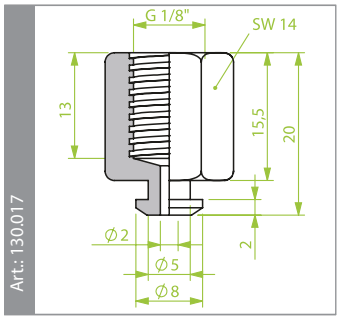
Ø24 mm

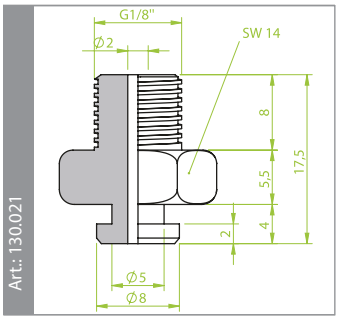
Art.: 10.024.351._

Gewicht | Weight	1.5	gr
Hub | Stroke	4.0	mm







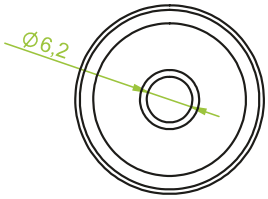


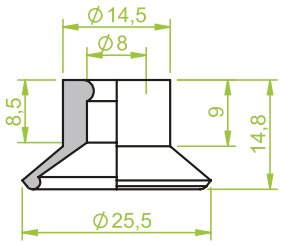
Flachsauger | Flat cups

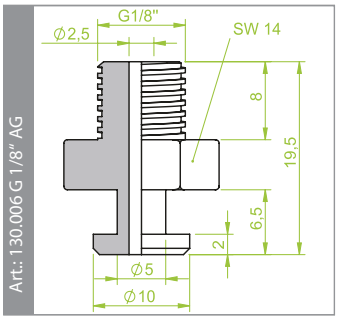
Ø25 mm

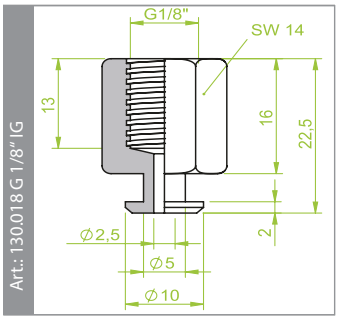
Art.: 10.025.010._

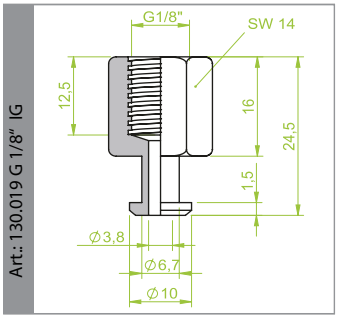
Gewicht | Weight	4.0	gr
Hub | Stroke	1.8	mm

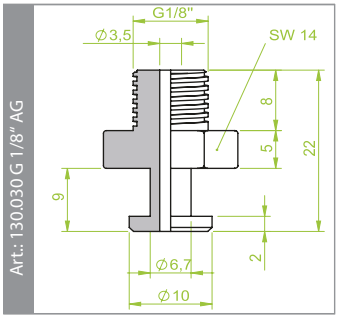










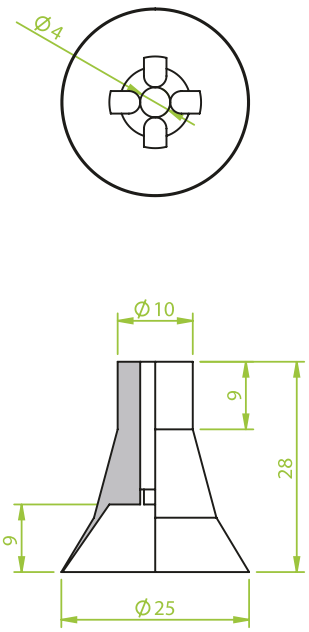


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Flachsauger | Flat cups

Ø 25 mm

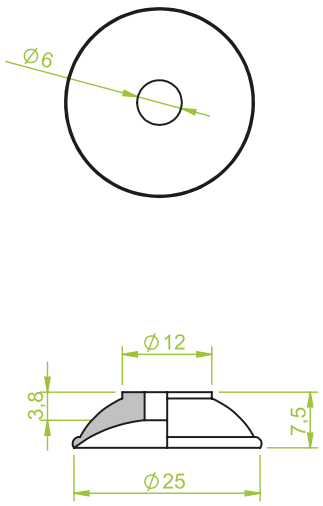
Art.: 10.025.028._		
Gewicht | Weight	2.1	gr
Hub | Stroke	7.0	mm

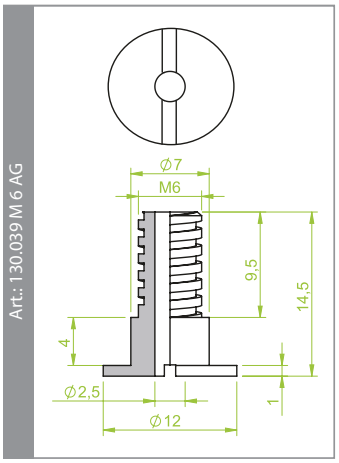


Flachsauger | Flat cups

Ø 25 mm

Art.: 10.025.076._		
Gewicht | Weight	1.0	gr
Hub | Stroke	2.5	mm



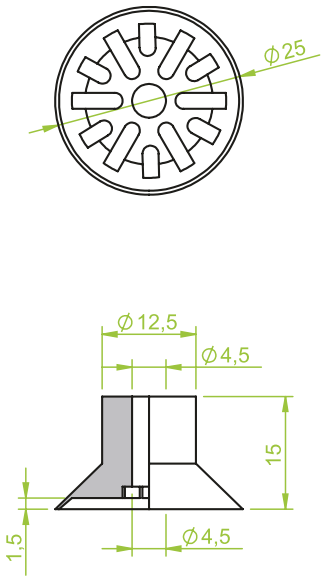


Flachsauger | Flat cups

Ø 20 mm

Art.: 10.025.328._

Gewicht | Weight	2.0	gr
Hub | Stroke	1.5	mm

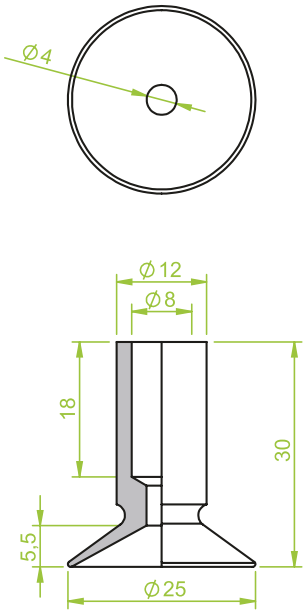


Flachsauger | Flat cups

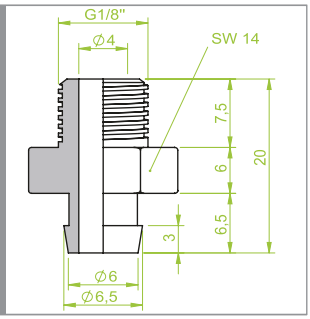
Ø 20 mm

Art.: 10.025.350._

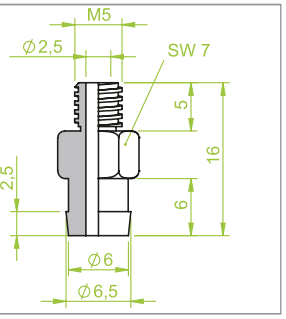
Gewicht | Weight	2.4	gr
Hub | Stroke	5.0	mm



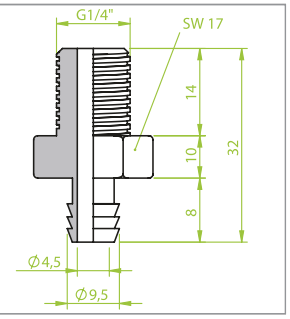
Art.: 130.003 G 1/8" AG



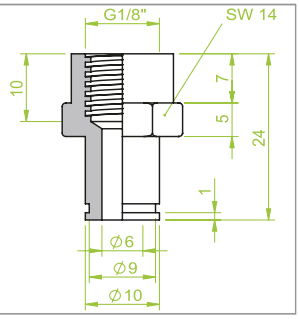
Art.: 130.013 M 5 AG



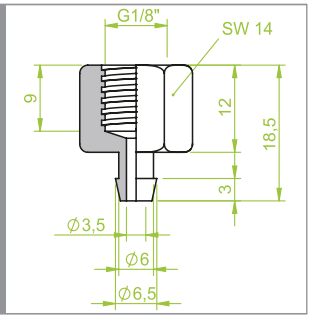
Art.: 130.043 G 1/4" AG



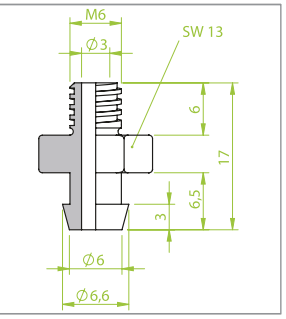
Art.: 130.114 G 1/8" IG



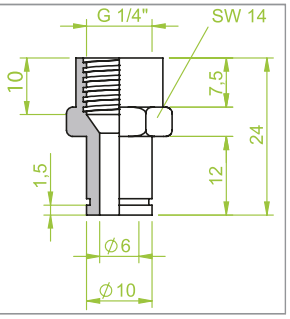
Art.: 130.015 G 1/8" IG



Art.: 130.103 M 6 AG

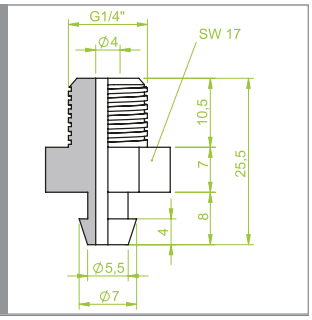


Art.: 130.178 G 1/4" IG



Art.: 130.

Art.: 130.194 G 1/4" AG

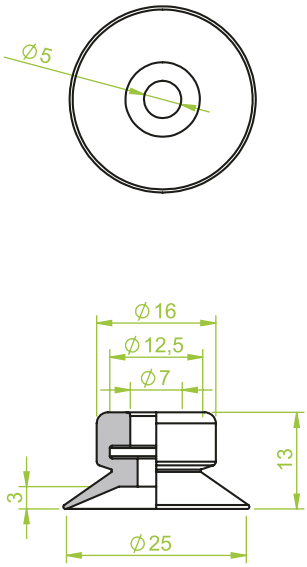


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Flachsauger | Flat cups

Ø 20 mm

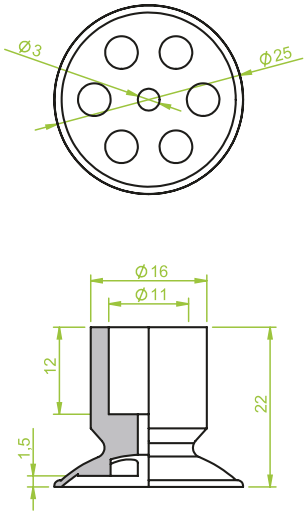
Art.: 10.025.587._		
Gewicht | Weight	2.2	gr
Hub | Stroke	4.0	mm



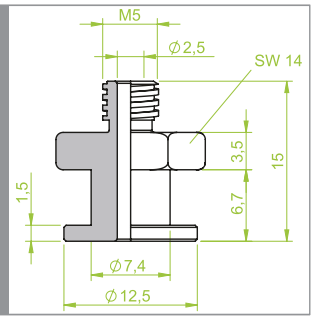
Flachsauger | Flat cups

Ø 20 mm

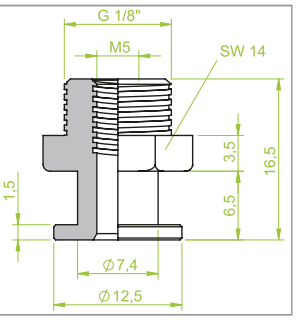
Art.: 10.025.596._		
Gewicht | Weight	3.0	gr
Hub | Stroke	3.0	mm



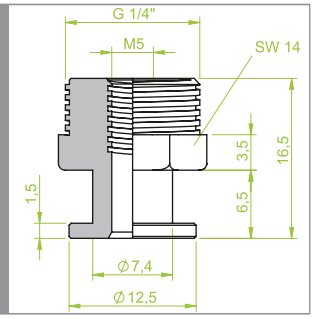
Art.: 130.604



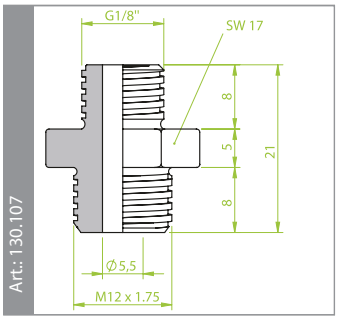
Art.: 130.605



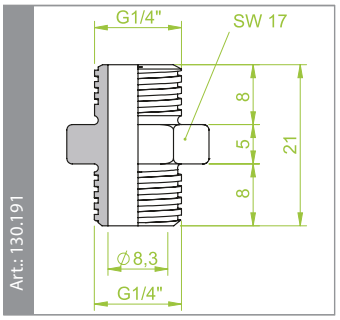
Art.: 130.606



Art.: 130.107



Art.: 130.191



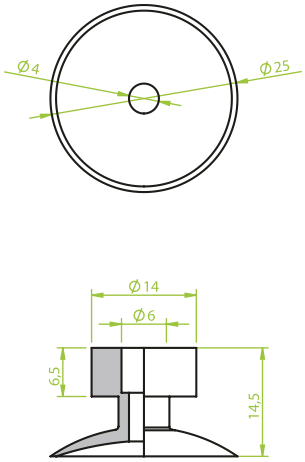
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Flachsauger | Flat cups

Ø 25 mm

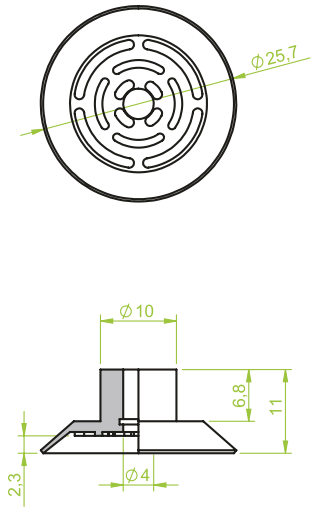
Art.: 10.025.650._		
Gewicht | Weight	1.5	gr
Hub | Stroke	2.0	mm



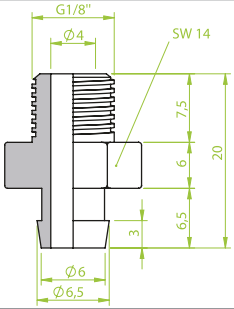
Flachsauger | Flat cups

Ø 26 mm

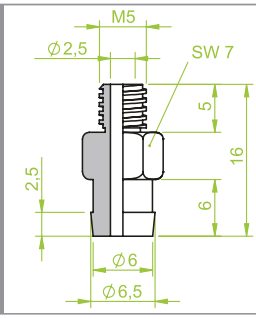
Art.: 10.026.032._		
Gewicht | Weight	1.0	gr
Hub | Stroke	1.0	mm



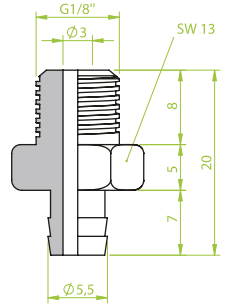
Art.: 130.003



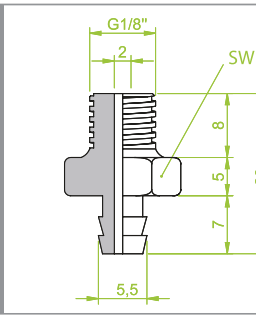
Art.: 130.013



Art.: 130.033



Art.: 130.087



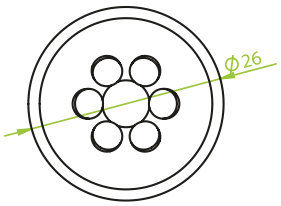
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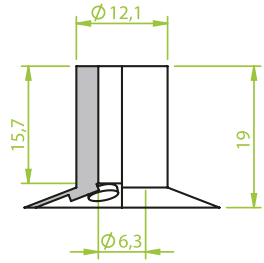
Flachsauger | Flat cups

Ø 26 mm

Art.: 10.026.366._

Gewicht | Weight	3.0	gr
Hub | Stroke	2.0	mm



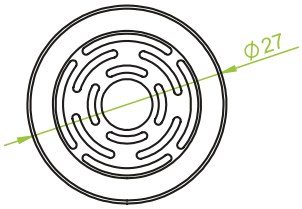


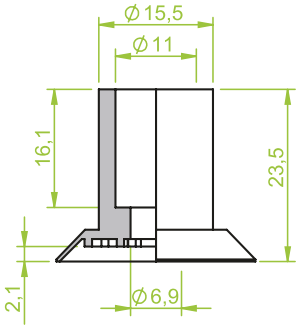
Flachsauger | Flat cups

Ø 27 mm

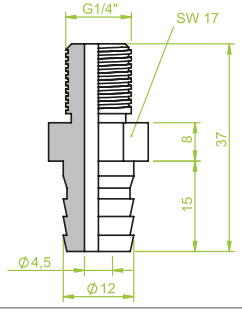
Art.: 10.027.104._

Gewicht | Weight	2.8	gr
Hub | Stroke	2.0	mm

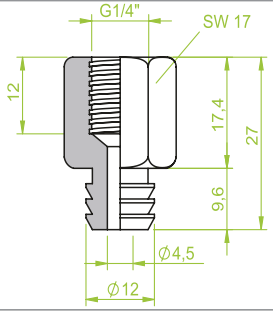




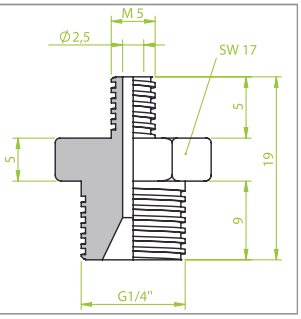
Art.: 130.044 G 1/4" AG



Art.: 130.046 G1/4"IG



Art.: 130.227 M 5 AG

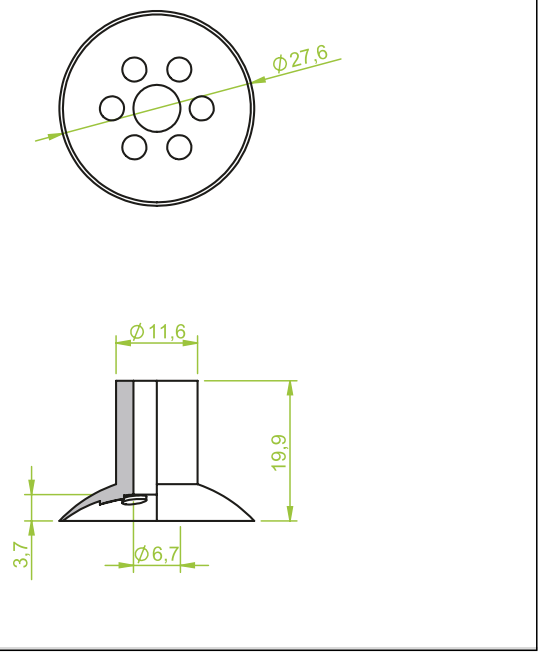


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Flachsauger | Flat cups

Ø 27 mm

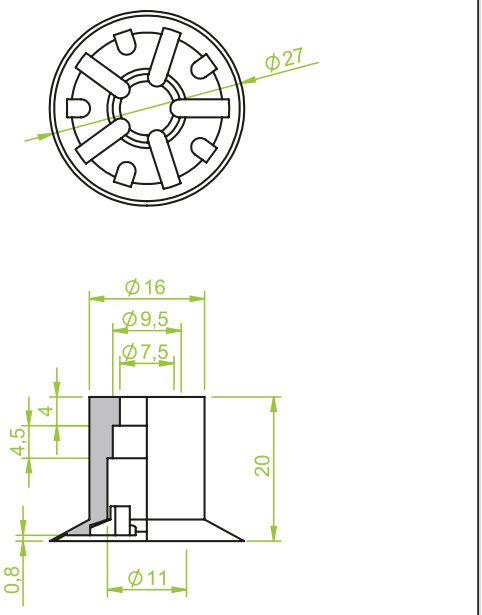
Art.: 10.027.370._	
Gewicht | Weight	2.4 gr
Hub | Stroke	2.0 mm



Flachsauger | Flat cups

Ø 27 mm

Art.: 10.027.646._	
Gewicht | Weight	2.9 gr
Hub | Stroke	0.0 mm

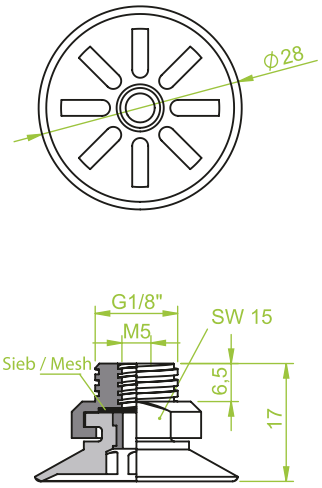


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Flachsauger | Flat cups

Ø 28 mm

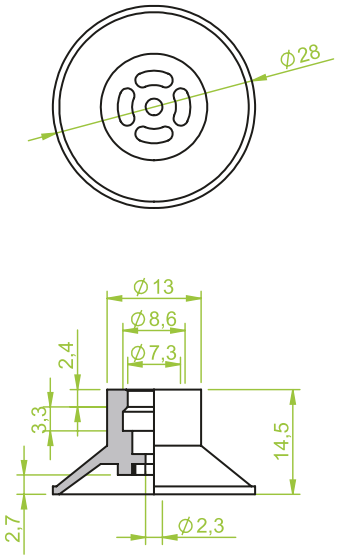
Art.: 11.028.005._	
Gewicht | Weight	4.5 gr
Hub | Stroke	1.0 mm



Flachsauger | Flat cups

Ø 28 mm

Art.: 10.028.054._	
Gewicht | Weight	2.1 gr
Hub | Stroke	4.0 mm



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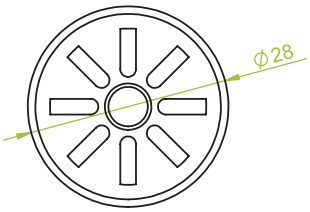
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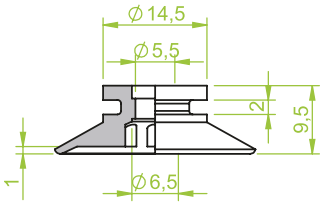
Flachsauger | Flat cups

Ø 28 mm

Art.: 10.028.098._

Gewicht | Weight	1.6	gr
Hub | Stroke	1.0	mm



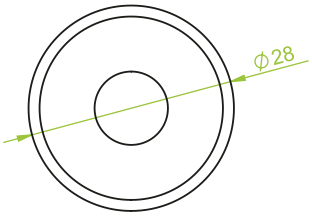


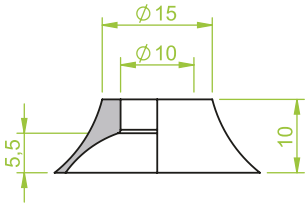
Flachsauger | Flat cups

Ø 28 mm

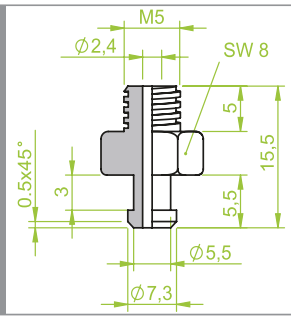
Art.: 10.028.551._

Gewicht | Weight	1.3	gr
Hub | Stroke	7.0	mm

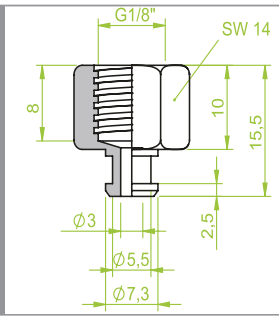




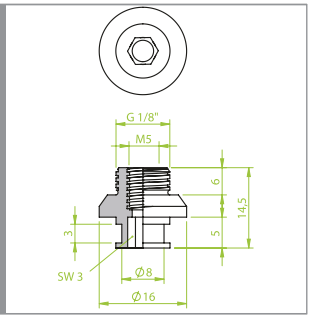
Art.: 130.094 M 5 AG



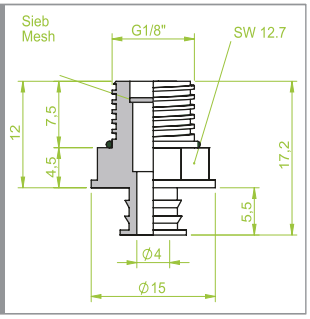
Art.: 130.096 G 1/8" IG



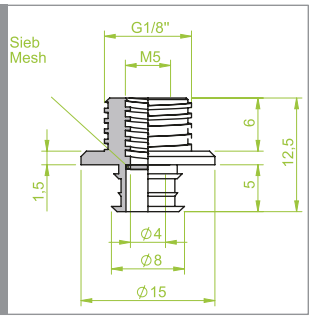
Art.: 130.250 G 1/8" AG



Art.: 130.291 G 1/8" AG



Art.: 130.291 - 1 G 1/8" AG

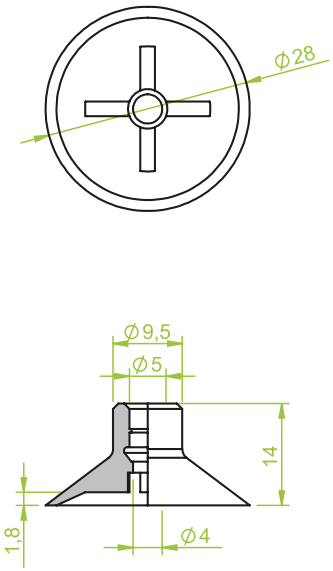


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www.morali-gmbh.de

Flachsauger | Flat cups

Ø 28 mm

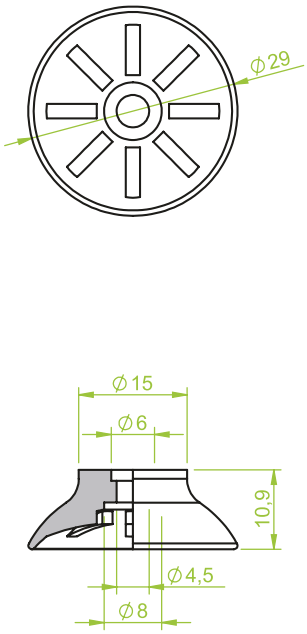
Art.: 10.028.616._		
Gewicht | Weight	1.9	gr
Hub | Stroke	3.0	mm



Flachsauger | Flat cups

Ø 29 mm

Art.: 10.029.582._		
Gewicht | Weight	2.4	gr
Hub | Stroke	3.5	mm



MORALI VACTEC SYSTEMS

Morali Produktionstechnik GmbH
Vakuum.- & Greifertechnik

Schwarzwaldstraße 4/2
D-78628 Rottweil

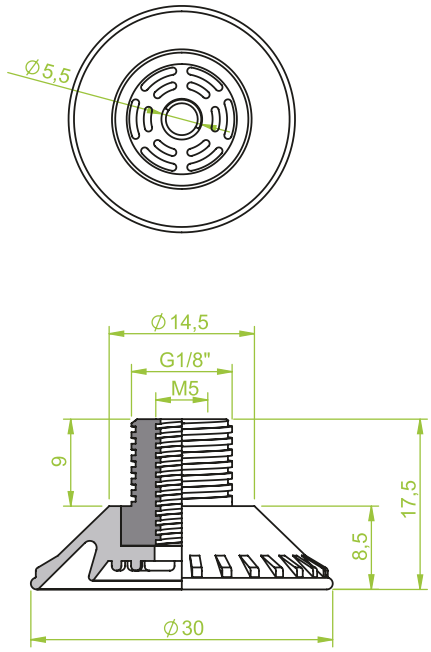
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29

Email: info@morali-gmbh.de
www.morali-gmbh.de

Flachsauger | Flat cups

Ø 30 mm

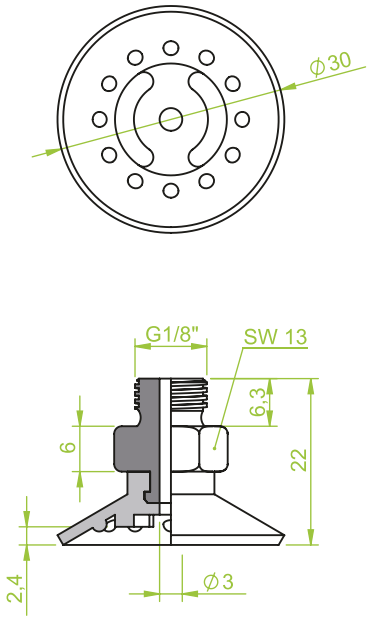
Art.: 13.030.030._	
Gewicht | Weight	6.0 gr
Hub | Stroke	1.5 mm



Flachsauger | Flat cups

Ø 30 mm

Art.: 14.030.044._	
Gewicht |Weight	5.0 gr
Hub | Stroke	1.0 mm



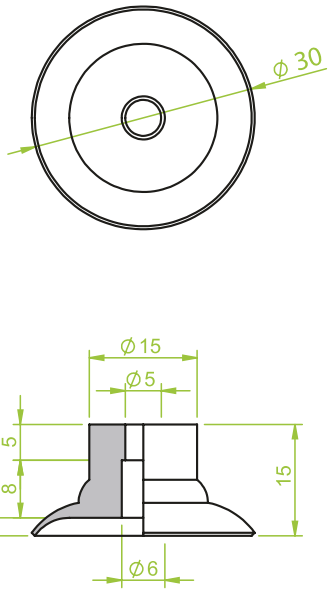
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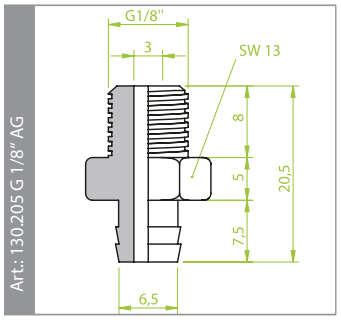
Flachsauger | Flat cups

Ø 30 mm

Art.: 10.030.063._

Gewicht | Weight	3.8	gr
Hub | Stroke	2.5	mm





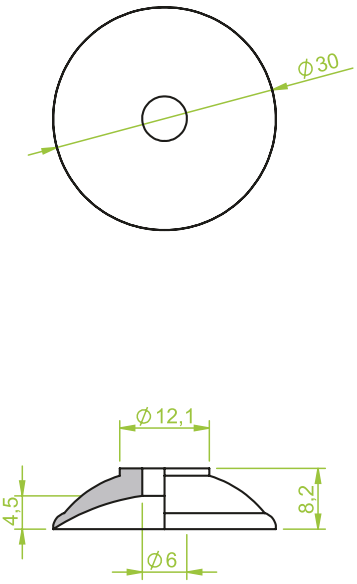


Flachsauger | Flat cups

Ø 30 mm

Art.: 10.030.078._

Gewicht | Weight	1.9	gr
Hub | Stroke	4.0	mm



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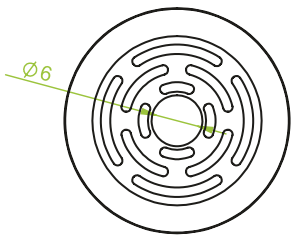
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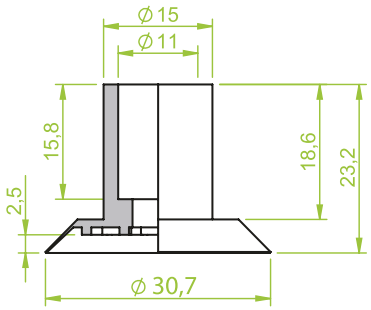
Flachsauger | Flat cups

Ø 30 mm

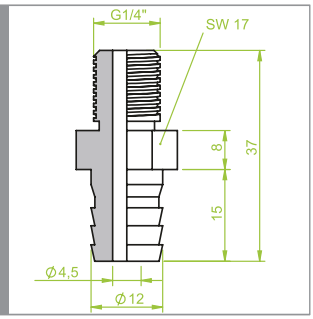
Art.: 10.030.102._

Gewicht | Weight	3.0	gr
Hub | Stroke	3.0	mm

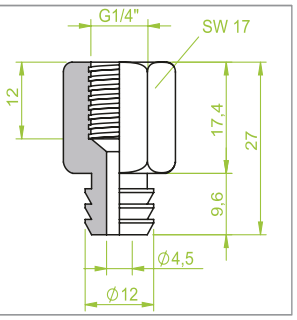




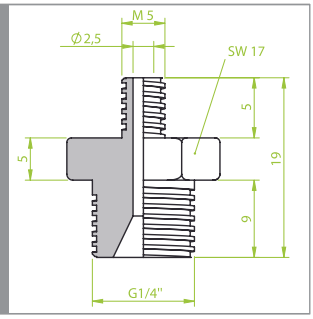
Art.: 130.044 G 1/4" AG



Art.: 130.046 G 1/4" IG



Art.: 130.227 M 5 AG



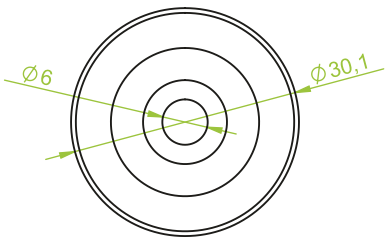
Art.: 130.

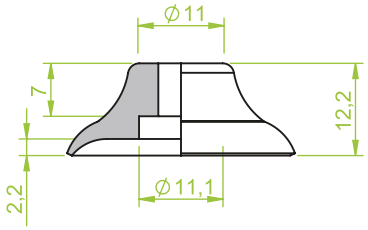
Flachsauger | Flat cups

Ø 30 mm

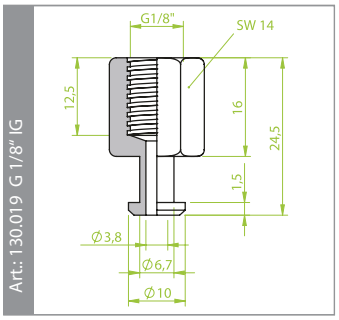
Art.: 10.030.142._

Gewicht | Weight	3.3	gr
Hub | Stroke	2.0	mm

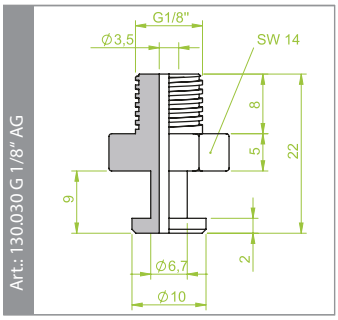




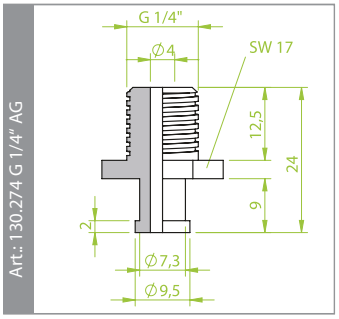
Art.: 130.019 G 1/8" IG



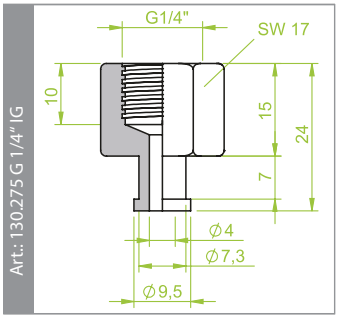
Art.: 130.030 G 1/8" AG



Art.: 130.274 G 1/4" AG



Art.: 130.275 G 1/4" IG

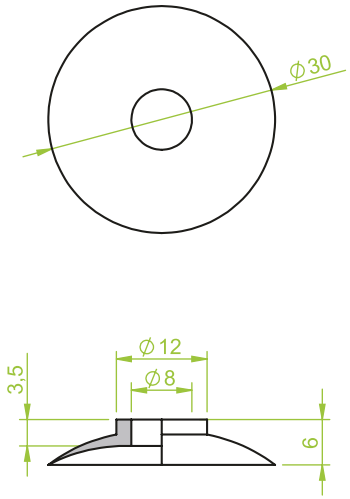


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Flachsauger | Flat cups

Ø 30 mm

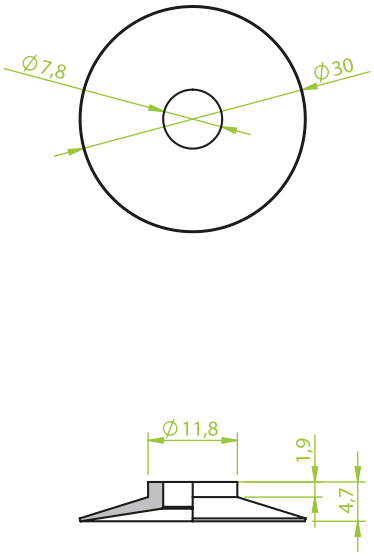
Art.: 10.030.606._		
Gewicht | Weight	0.9	gr
Hub | Stroke	2.0	mm



Flachsauger | Flat cups

Ø 30 mm

Art.: 10.030.614._		
Gewicht | Weight	1.0	gr
Hub | Stroke	1.5	mm



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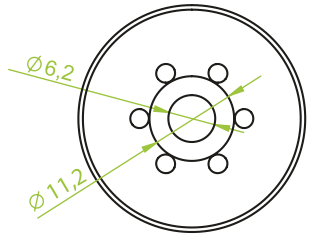
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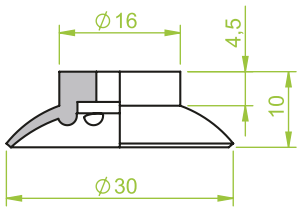
Flachsauger | Flat cups

Ø 30 mm

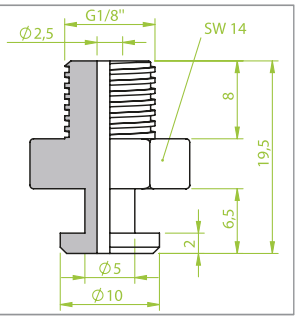
Art.: 10.030.617._

Gewicht | Weight	1.8	gr
Hub | Stroke	3.5	mm

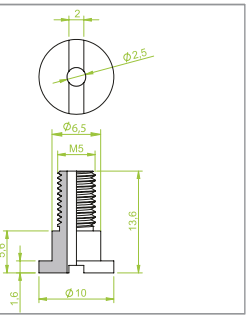




Art.: 130.006



Art.: 130.599

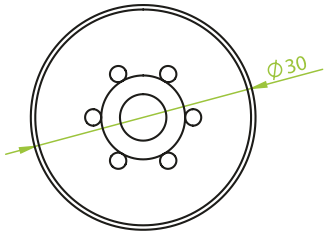


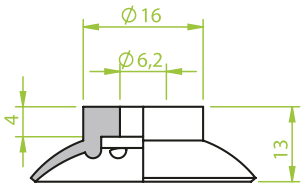
Flachsauger | Flat cups

Ø 30 mm

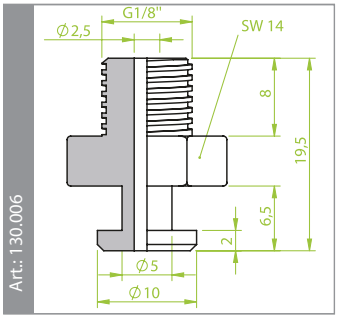
Art.: 10.030.668._

Gewicht | Weight	2.8	gr
Hub | Stroke	3.0	mm

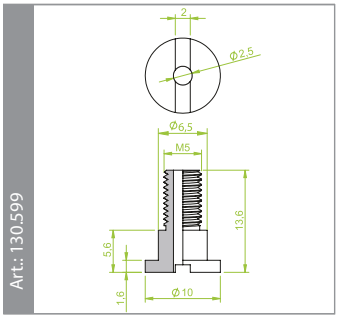




Art.: 130.006



Art.: 130.599



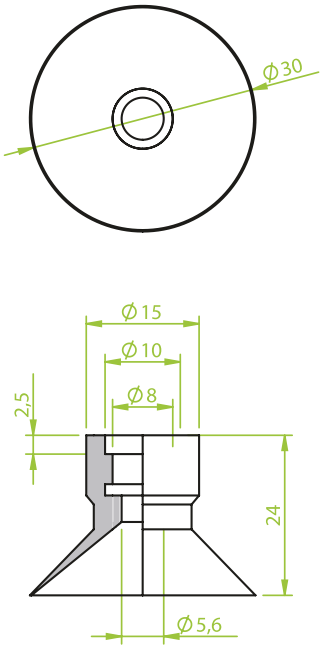
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Fax: +49 741 - 17 52 60-29
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www.morali-gmbh.de

Flachsauger | Flat cups

Ø 30 mm

Art.: 10.030.672._

Gewicht | Weight	2.2	gr
Hub | Stroke	10.0	mm

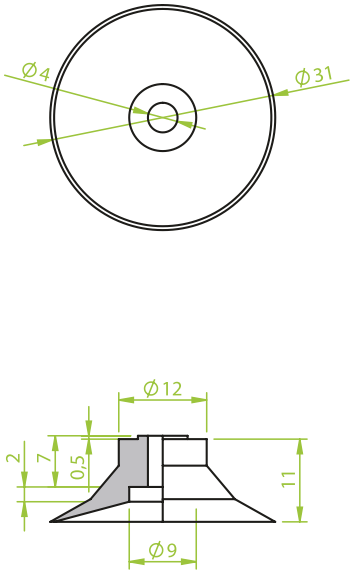


Flachsauger | Flat cups

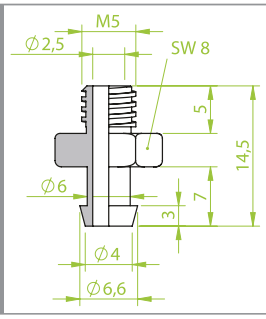
Ø 31 mm

Art.: 10.031.055._

Gewicht | Weight	1.5	gr
Hub | Stroke	2.3	mm



Art.: 130.317 M 5 AG

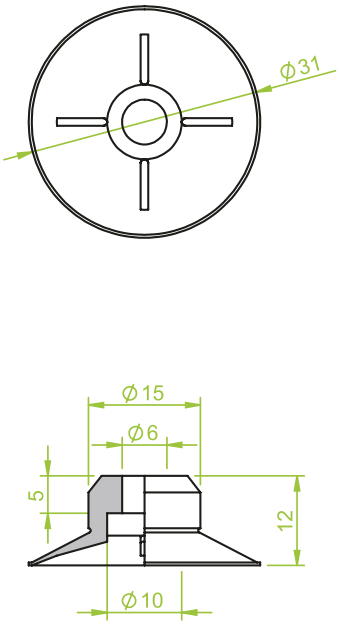


Art.: 130.

Flachsauger | Flat cups

Ø 31 mm

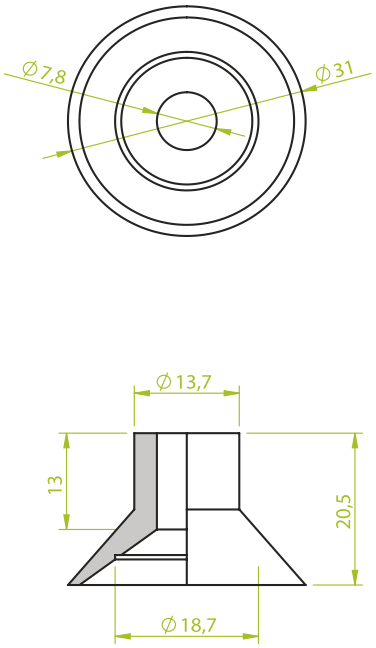
Art.: 10.031.637._		
Gewicht | Weight	1.8	gr
Hub | Stroke	2.0	mm



Flachsauger | Flat cups

Ø 31 mm

Art.: 10.031.683._		
Gewicht | Weight	3.1	gr
Hub | Stroke	6.0	mm



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Flachsauger | Flat cups

Ø 32 mm

Art.: 11.032.006._

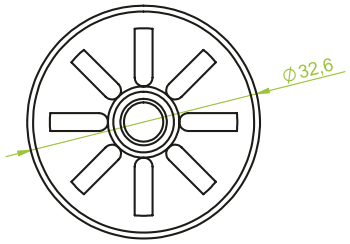
Gewicht | Weight	5.2	gr
Hub | Stroke	2.5	mm

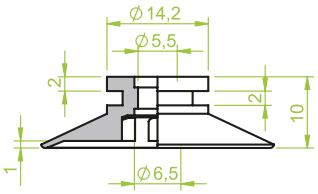
Flachsauger | Flat cups

Ø 32 mm

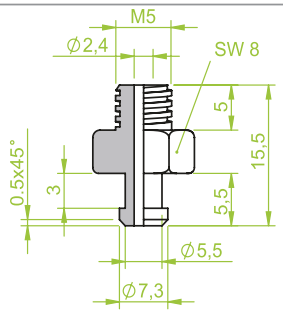
Art.: 10.032.022._

Gewicht | Weight	1.8	gr
Hub | Stroke	2.5	mm

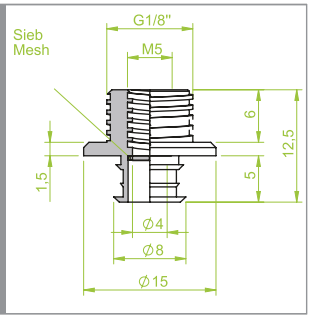




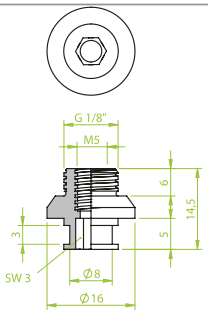
Art.: 130.094 M 5 AG



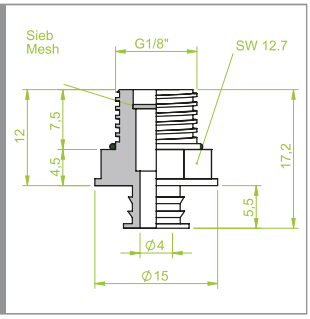
Art.: 130.291 - 1 G 1/8" AG



Art.: 130.250 G 1/8" AG



Art.: 130.291 G 1/8" AG



MORALI VACTEC SYSTEMS

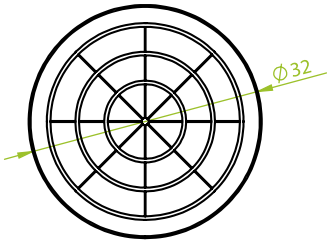
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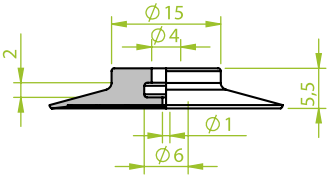
Flachsauger | Flat cups

Ø32 mm

Art.: 10.032.165._

Gewicht | Weight	1.7	gr
Hub | Stroke	0.0	mm



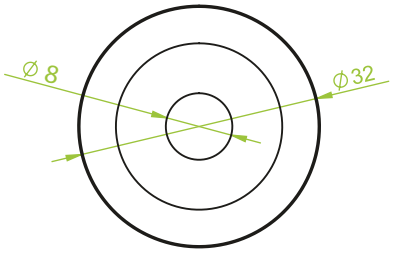


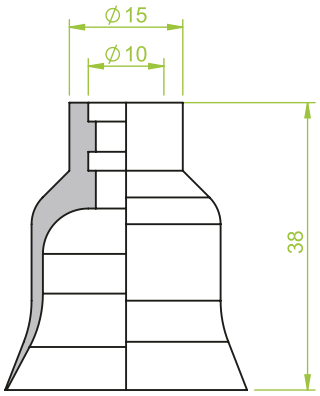
Flachsauger | Flat cups

Ø33 mm

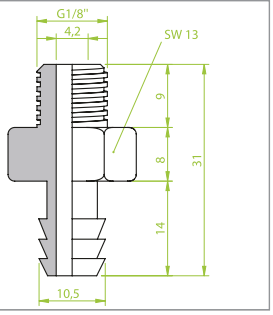
Art.: 10.033.578._

Gewicht | Weight	5.4	gr
Hub | Stroke	10.0	mm

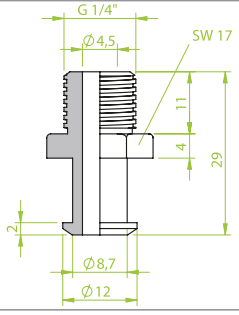




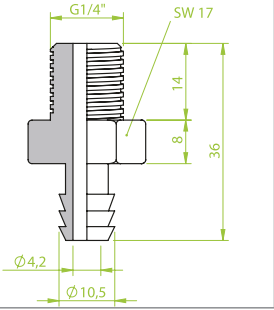
Art.: 130.132



Art.: 130.190



Art.: 130.208



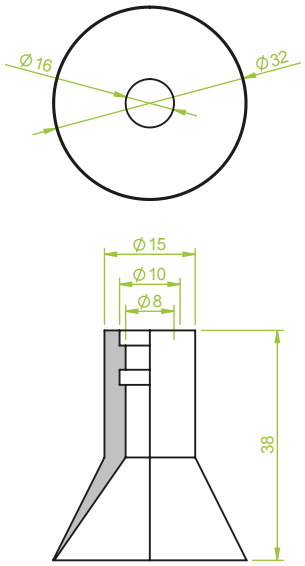
Morali Produktionstechnik GmbH
Vakuum.- & Greifertechnik
Schwarzwaldstraße 4/2
D-78628 Rottweil
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

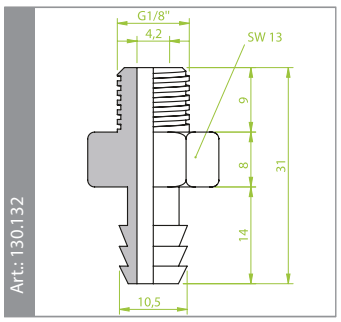
Flachsauger | Flat cups

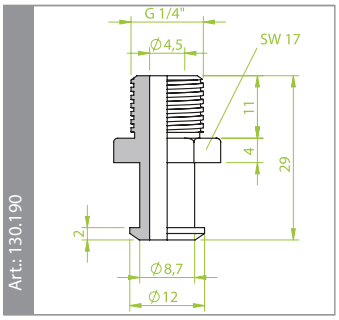
Ø 33 mm

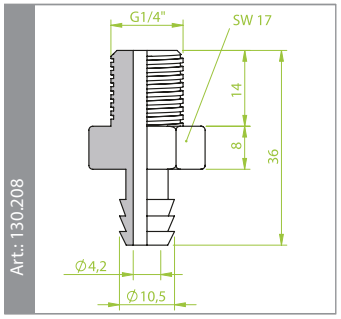
Art.: 10.033.579._

Gewicht | Weight	4.0	gr
Hub | Stroke	8.0	mm







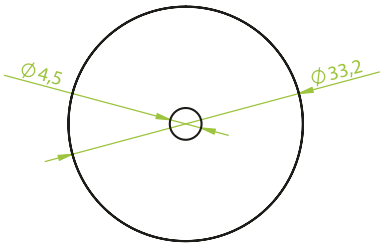


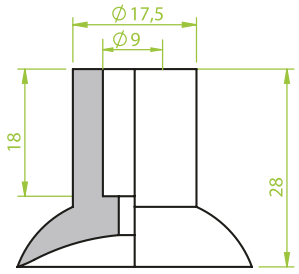
Flachsauger | Flat cups

Ø 33 mm

Art.: 10.033.642._

Gewicht | Weight	8.7	gr
Hub | Stroke	1.0	mm





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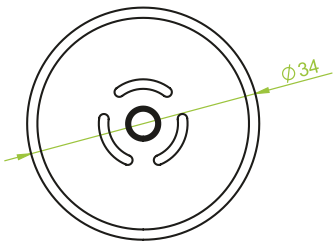
Fon: +49 741 - 17 52 60-0
Fax: +49 741 - 17 52 60-29

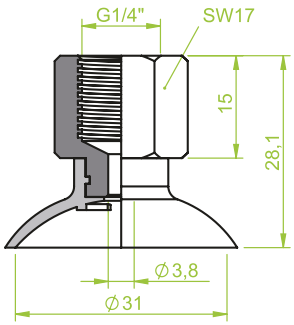
Email: info@morali-gmbh.de
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Flachsauger | Flat cups

Ø 34 mm

Art.: 11.034.003._		
Gewicht | Weight	23.7	gr
Hub | Stroke	2.0	mm





Flachsauger | Flat cups

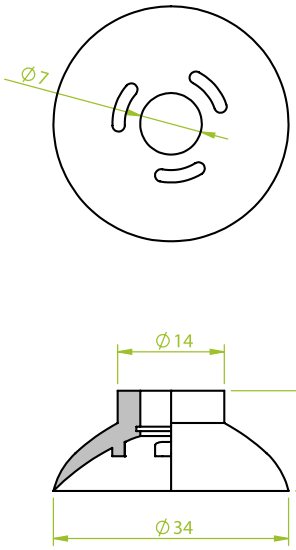
Ø 34 mm

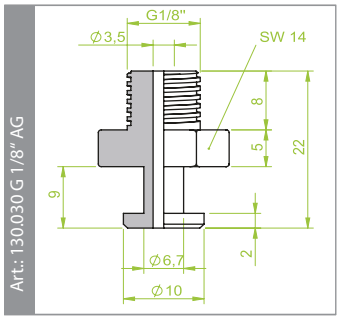
Art.: 12.034.003._		
Gewicht | Weight	9.9	gr
Hub | Stroke	1.0	mm

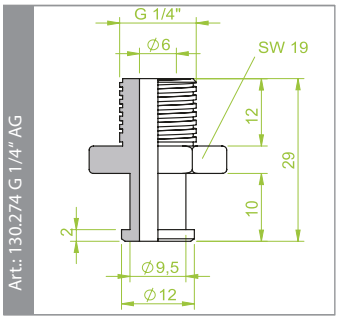
Flachsauger | Flat cups

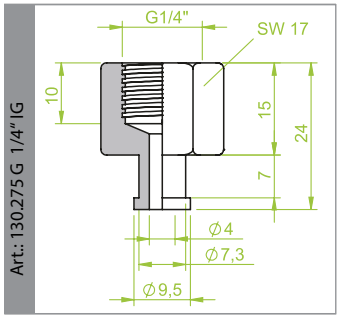
Ø 34 mm

Art.: 10.034.094._		
Gewicht | Weight	3.8	gr
Hub | Stroke	2.5	mm





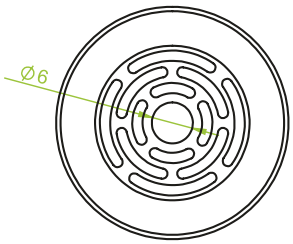


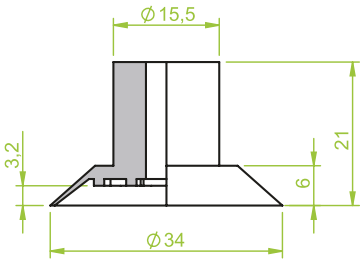


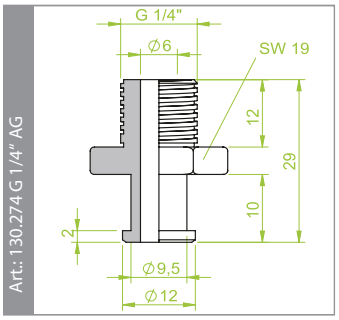
Flachsauger | Flat cups

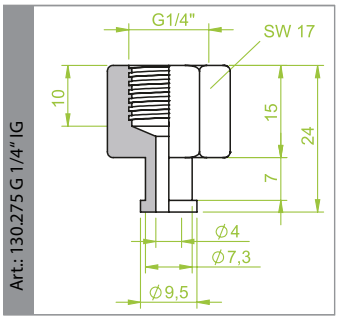
Ø 34 mm

Art.: 10.034.397._		
Gewicht | Weight	4.8	gr
Hub | Stroke	3.0	mm









MORALI VACTEC SYSTEMS

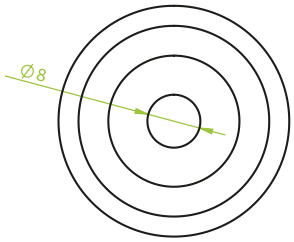
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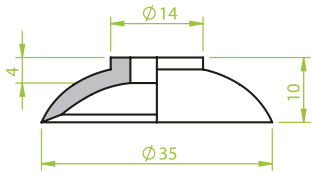
Flachsauger | Flat cups

Ø35 mm

Art.: 10.035.427._

Gewicht | Weight	2.8	gr
Hub | Stroke	5.0	mm



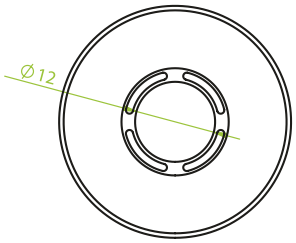


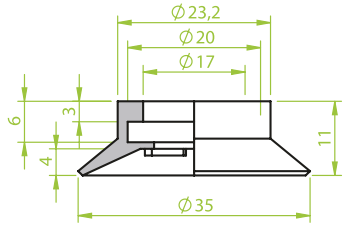
Flachsauger | Flat cups

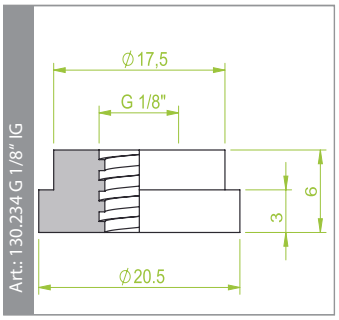
Ø 35 mm

Art.: 10.035.432._

Gewicht | Weight	2.4	gr
Hub | Stroke	3.0	mm





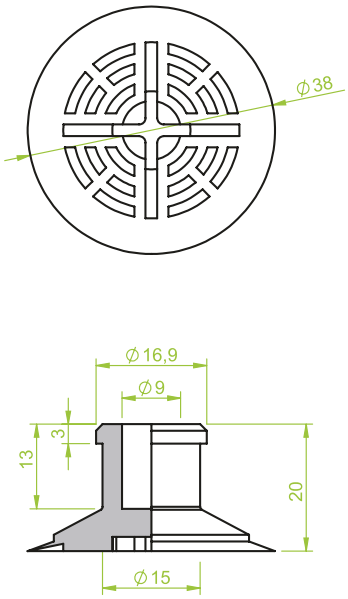


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Flachsauger | Flat cups

Ø 38 mm

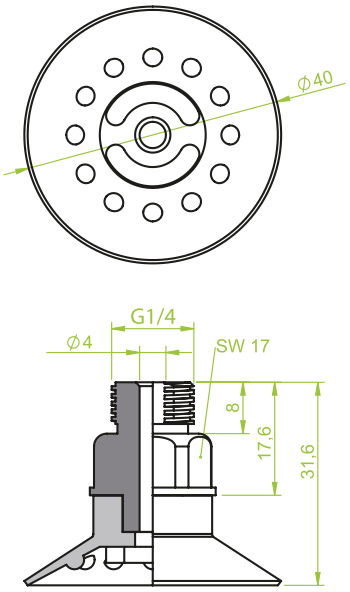
Art.: 10.038.333._		
Gewicht | Weight	4.5	gr
Hub | Stroke	1.0	mm



Flachsauger | Flat cups

Ø 40 mm

Art.: 14.040.045._		
Gewicht | Weight	13.5	gr
Hub | Stroke	2.5	mm



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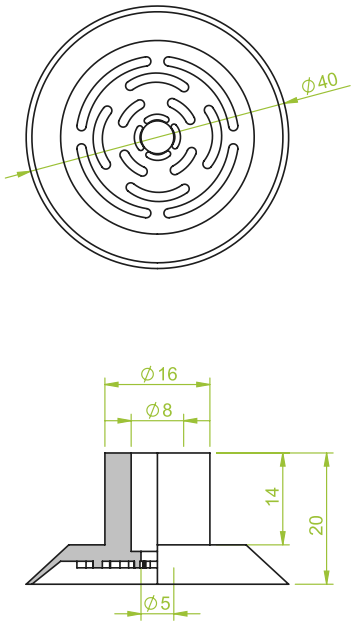
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Fax: +49 741 - 17 52 60-29

Email: info@morali-gmbh.de
www.morali-gmbh.de

Flachsauger | Flat cups

Ø 40 mm

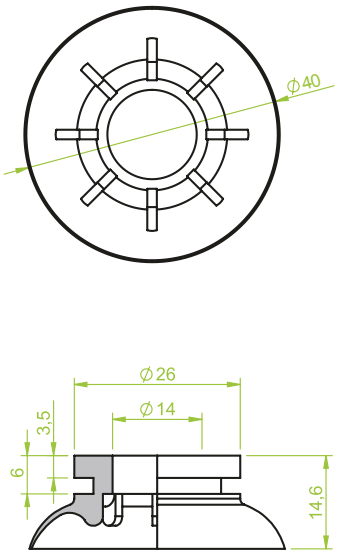
Art.: 10.040.101._		
Gewicht | Weight	4.8	gr
Hub | Stroke	2.0	mm



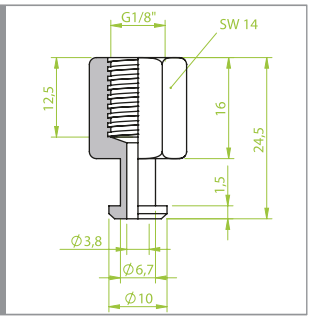
Flachsauger | Flat cups

Ø 40 mm

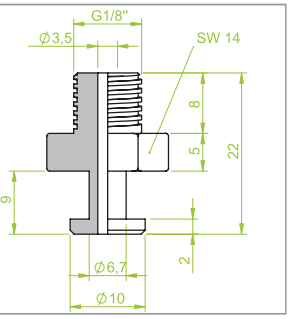
Art.: 10.040.125._		
Gewicht | Weight	3.5	gr
Hub | Stroke	5.5	mm



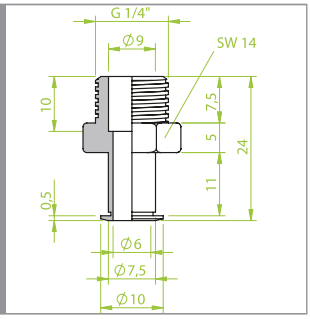
Art.: 130.019 G 1/8" IG



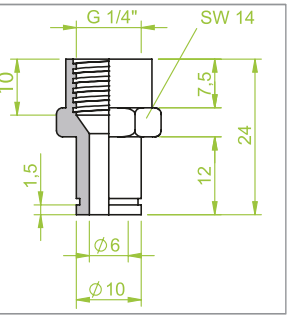
Art.: 130.030 G 1/8" AG



Art.: 130.113 G 1/4" AG



Art.: 130.178 G 1/4" IG



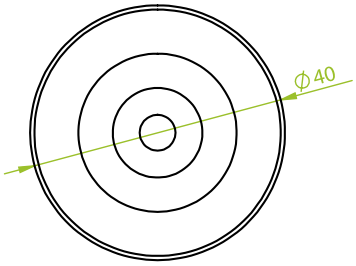
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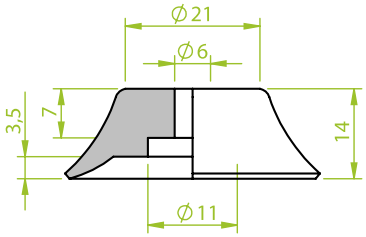
Flachsauger | Flat cups

Ø 40 mm

Art.: 10.040.144._

Gewicht | Weight	7.6	gr
Hub | Stroke	3.0	mm



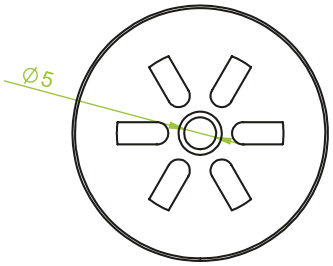


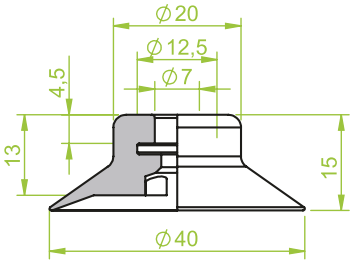
Flachsauger | Flat cups

Ø 40 mm

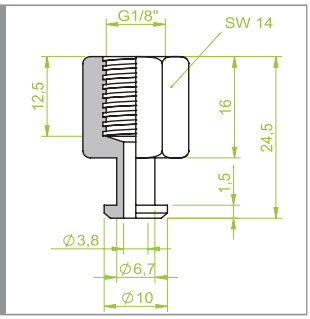
Art.: 10.040.591._

Gewicht | Weight	5.7	gr
Hub | Stroke	2.0	mm

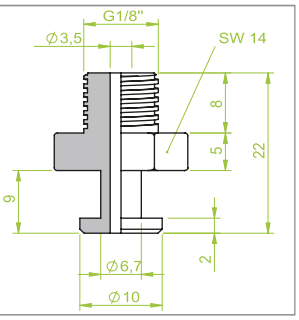




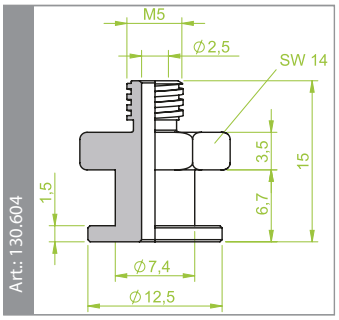
Art.: 130.019 G 1/8" IG



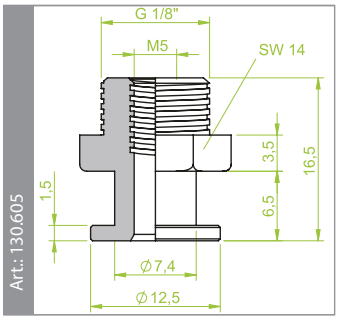
Art.: 130.030 G 1/8" AG



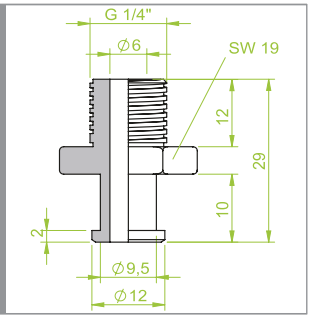
Art.: 130.604



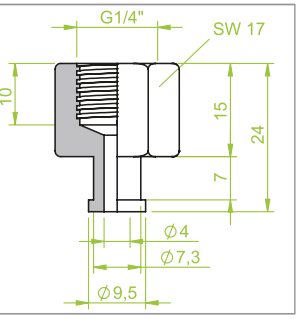
Art.: 130.605



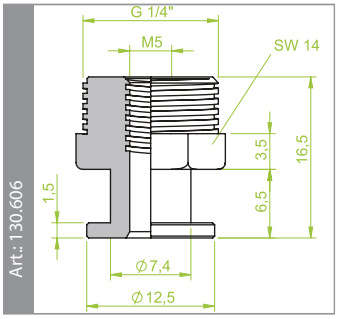
Art.: 130.274 G 1/4" AG



Art.: 130.275 G 1/4" IG



Art.: 130.606



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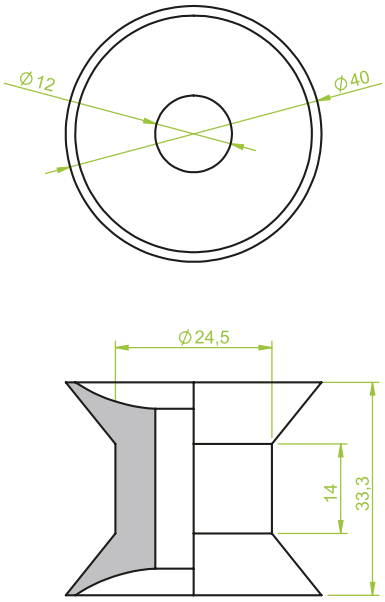
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Vakuum.- & Greifertechnik
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Flachsauger | Flat cups

Ø 40 mm

Art.: 10.040.605._

Gewicht | Weight	14.0	gr
Hub | Stroke	10.0	mm

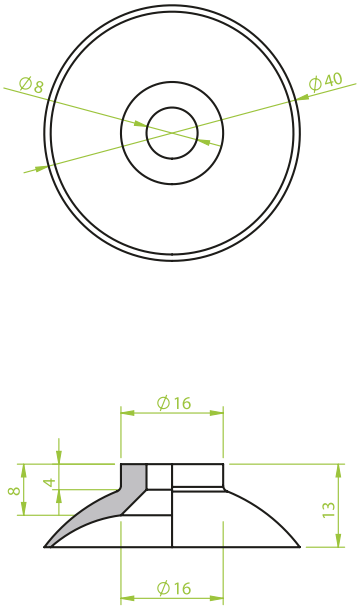


Flachsauger | Flat cups

Ø 40 mm

Art.: 10.040.625._

Gewicht | Weight	4.6	gr
Hub | Stroke	5.5	mm

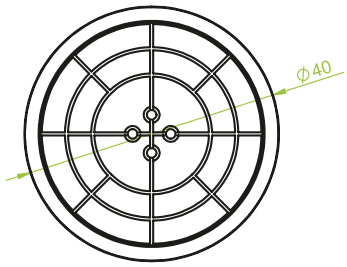


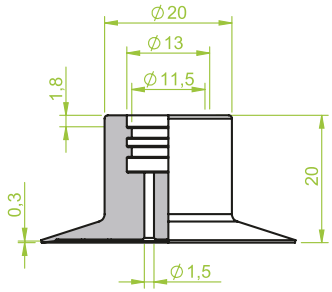
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Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

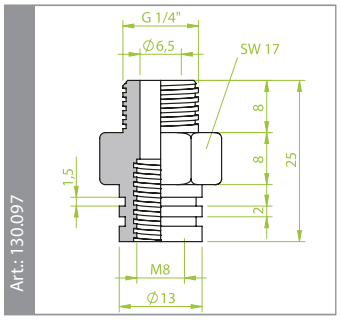
Flachsauger | Flat cups

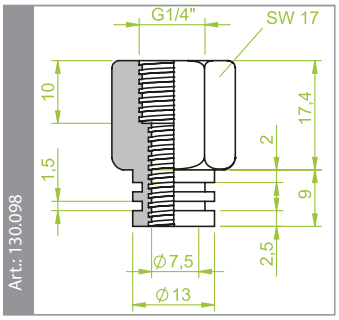
Ø 40 mm

Art.: 10.040.627._		
Gewicht | Weight	6.7	gr
Hub | Stroke	0.0	mm





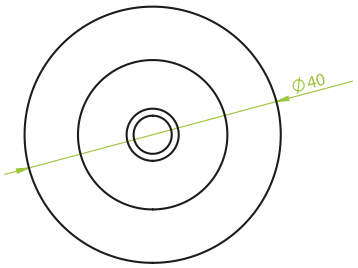


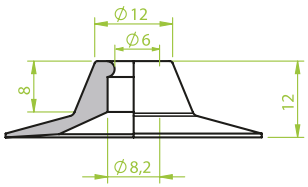


Flachsauger | Flat cups

Ø 40 mm

Art.:10.040.674._		
Gewicht | Weight	3.3	gr
Hub | Stroke	2.0	mm





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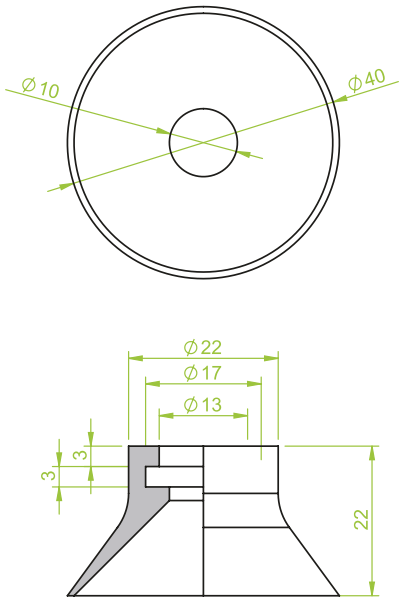
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Fax: +49 741 - 17 52 60-29
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www.morali-gmbh.de

Flachsauger | Flat cups

Ø 40 mm

Art.: 10.040.692._

Gewicht | Weight	6.1	gr
Hub | Stroke	6.5	mm

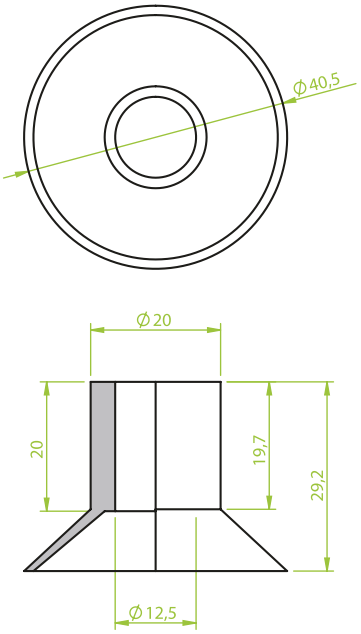


Flachsauger | Flat cups

Ø 40 mm

Art.: 10.041.673._

Gewicht | Weight	7.0	gr
Hub | Stroke	6.5	mm



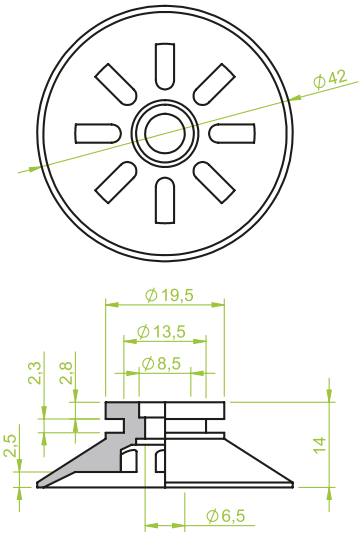
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Flachsauger | Flat cups

Ø 42 mm

Art.: 10.042.099._

Gewicht | Weight	6.4	gr
Hub | Stroke	2.0	mm

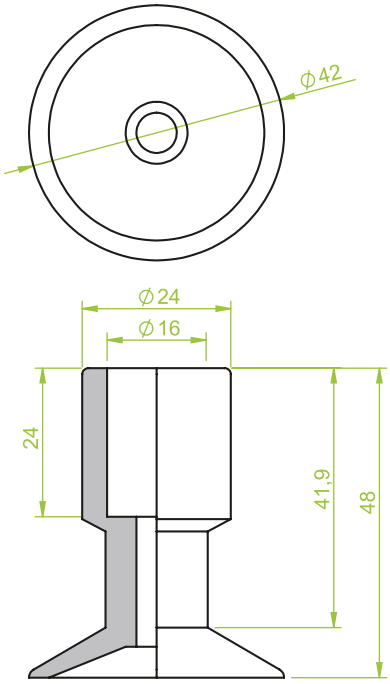


Flachsauger | Flat cups

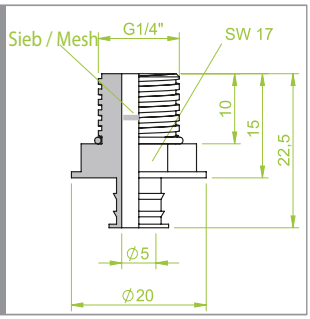
Ø 42 mm

Art.: 10.042.468._

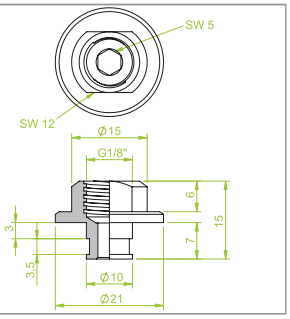
Gewicht | Weight	14.8	gr
Hub | Stroke	3.0	mm



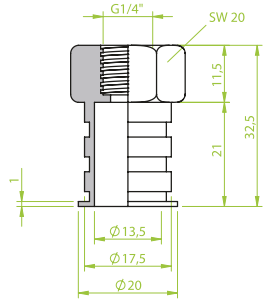
Art.: 130.293 G 1/4" AG



Art.: 130.251 G 1/8" IG

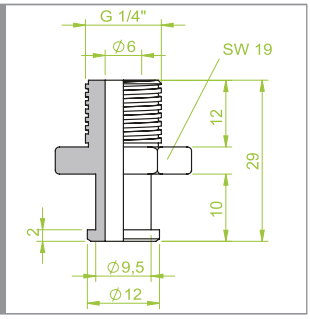


Art.: 130.116 G 1/4" IG

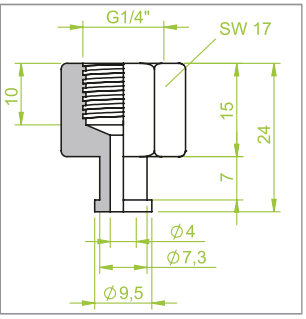


Art.: 130.

Art.: 130.274 G 1/4" AG



Art.: 130.275 G 1/4" IG



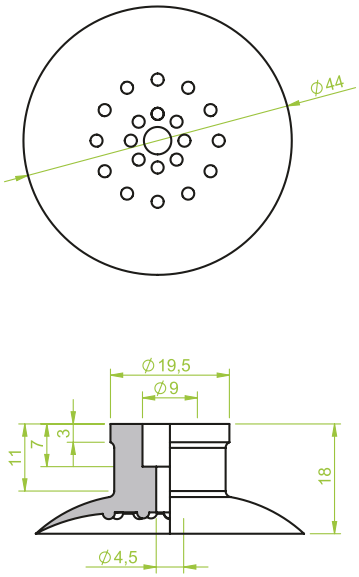
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Flachsauger | Flat cups

Ø 44 mm

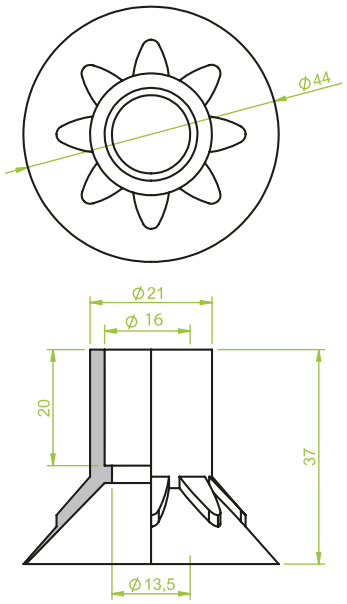
Art.: 10.044.615._		
Gewicht | Weight	7.0	gr
Hub | Stroke	2.5	mm



Flachsauger | Flat cups

Ø 44 mm

Art.: 10.044.664._		
Gewicht | Weight	6.7	gr
Hub | Stroke	7.0	mm



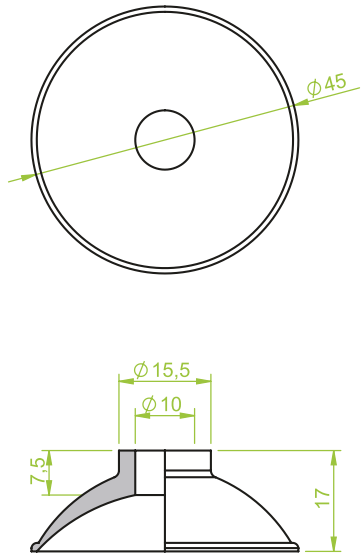
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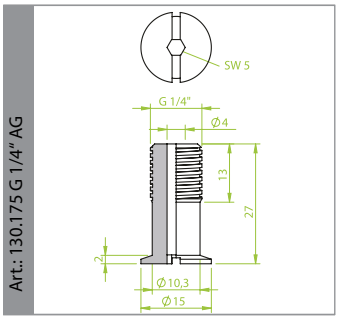
Flachsauger | Flat cups

Ø 45 mm

Art.: 10.045.083._

Gewicht | Weight	6.4	gr
Hub | Stroke	7.0	mm



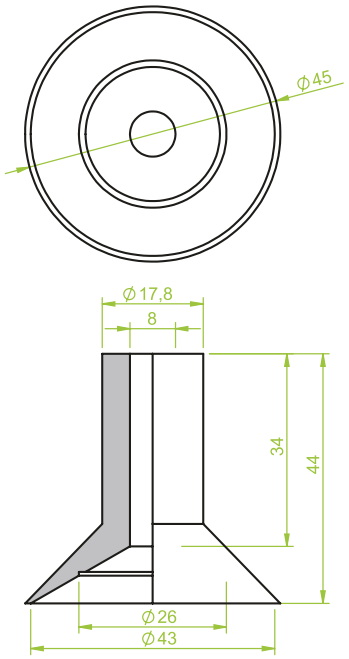


Flachsauger | Flat cups

Ø 45 mm

Art.: 10.045.688._

Gewicht | Weight	11.8	gr
Hub | Stroke	8.0	mm



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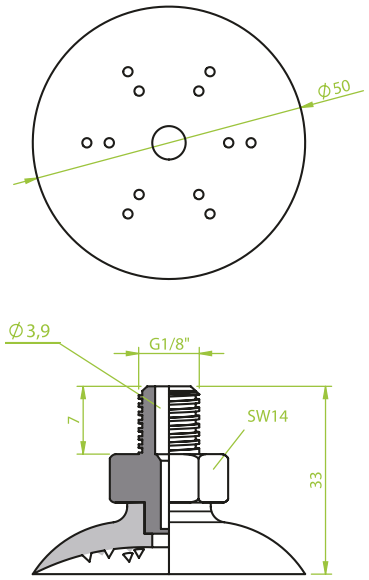
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Flachsauger | Flat cups

Ø 50 mm

Art.: 14.050.017._

Gewicht | Weight	15.0	gr
Hub | Stroke	5.0	mm

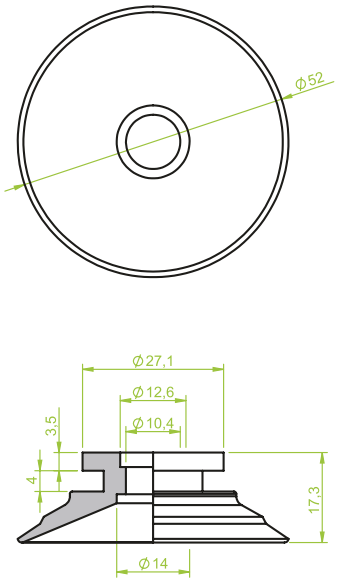


Flachsauger | Flat cups

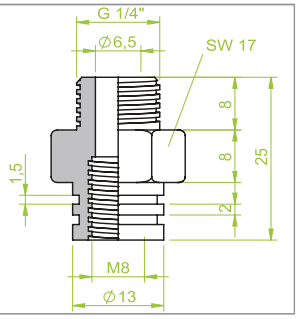
Ø 52 mm

Art.: 10.052.123._

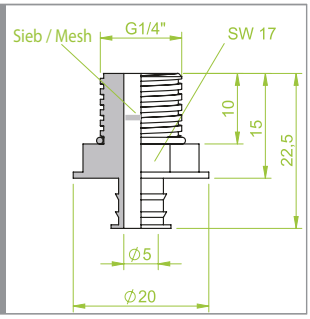
Gewicht | Weight	10.6	gr
Hub | Stroke	6.5	mm



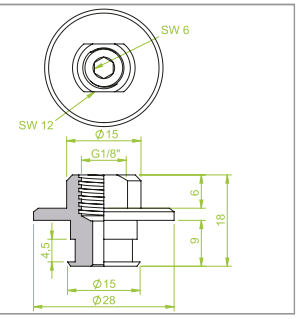
Art.: 130.097 G 1/4" AG



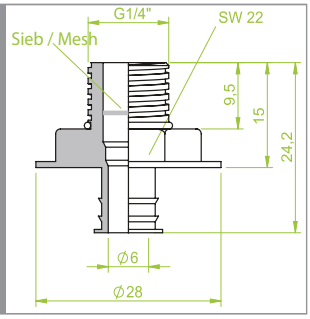
Art.: 130.293 G 1/4" AG



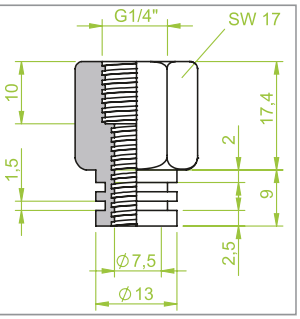
Art.: 130.252 G 1/8" IG



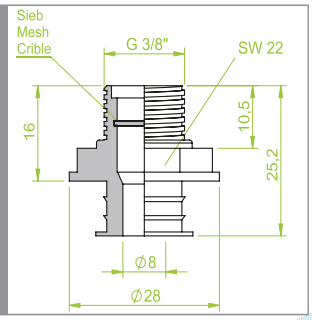
Art.: 130.294 G 1/4" AG



Art.: 130.098 G 1/4" IG



Art.: 130.296 G 3/8" AG

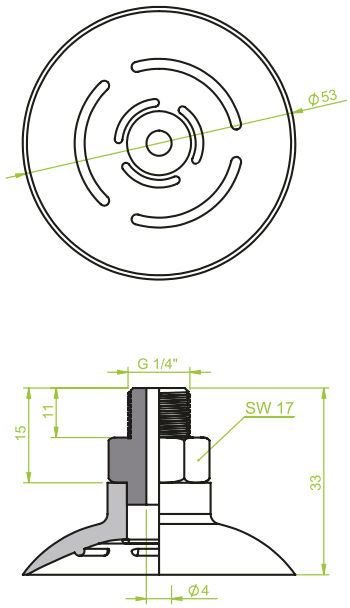


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Flachsauger | Flat cups

Ø 53 mm

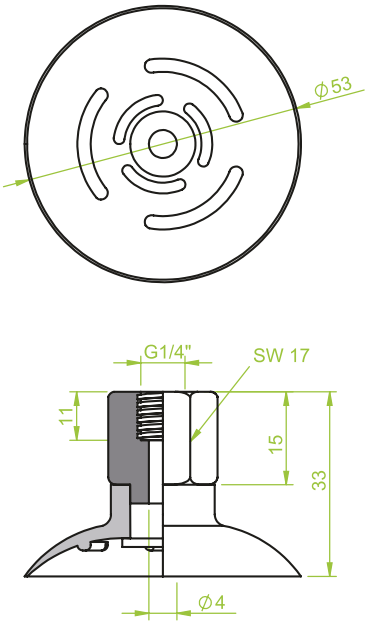
Art.: 14.053.003._	
Gewicht | Weight	19.6 gr
Hub | Stroke	3.0 mm



Flachsauger | Flat cups

Ø 53 mm

Art.: 13.053.012._	
Gewicht | Weight	23.0 gr
Hub | Stroke	3.0 mm

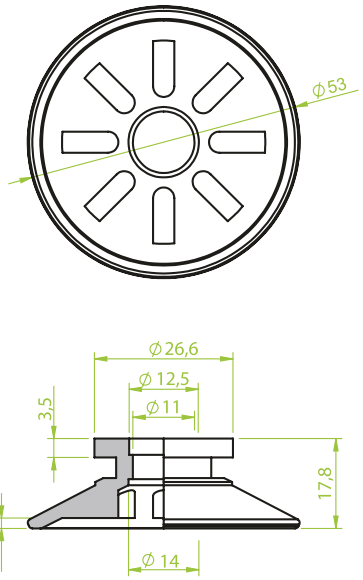


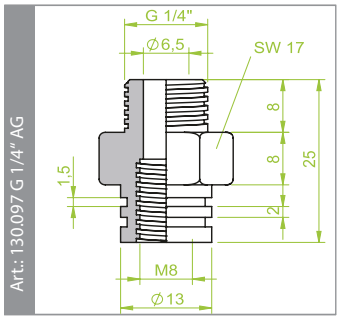
Flachsauger | Flat cups

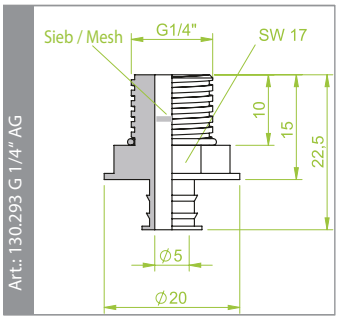
Ø 53 mm

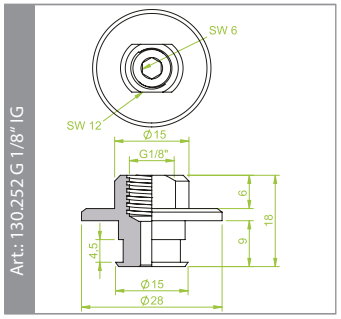
Art.: 10.053.100._

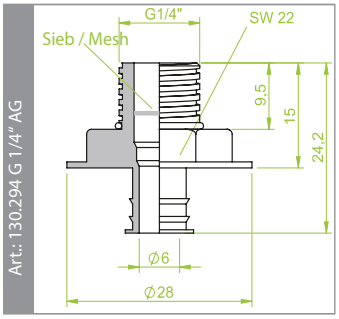
Gewicht | Weight	11.4	gr
Hub | Stroke	2.5	mm

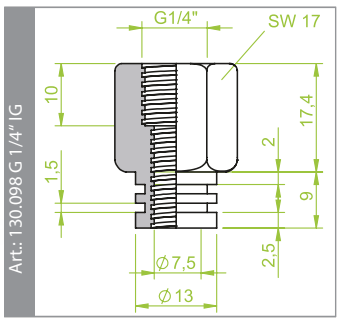


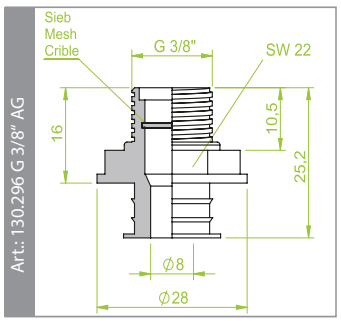










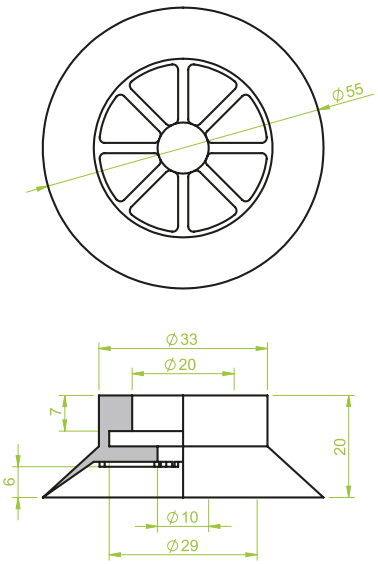


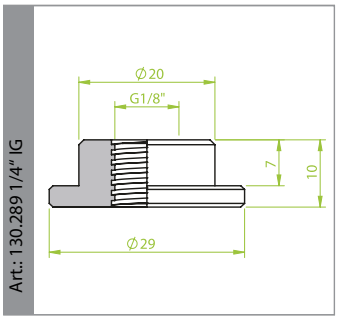
Flachsauger | Flat cups

Ø 55 mm

Art.: 10.055.493._

Gewicht | Weight	10.0	gr
Hub | Stroke	6.0	mm





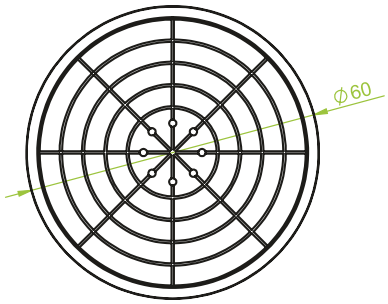
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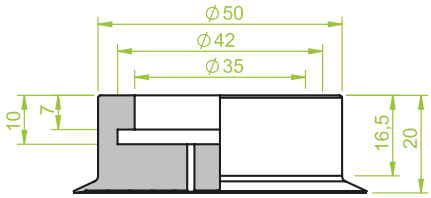
Flachsauger | Flat cups

Ø 60 mm

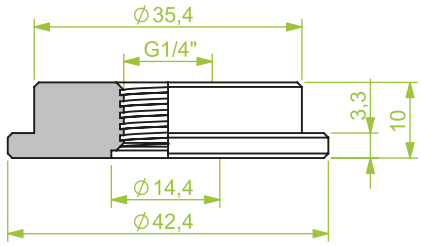
Art.: 10.060.628._

Gewicht | Weight	30.5	gr
Hub | Stroke	0.0	mm





Art.: 130.528

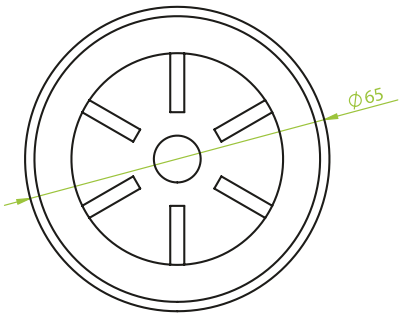


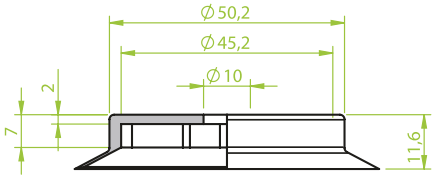
Flachsauger | Flat cups

Ø 65 mm

Art.: 10.065.670._

Gewicht | Weight	9.5	gr
Hub | Stroke	5.0	mm





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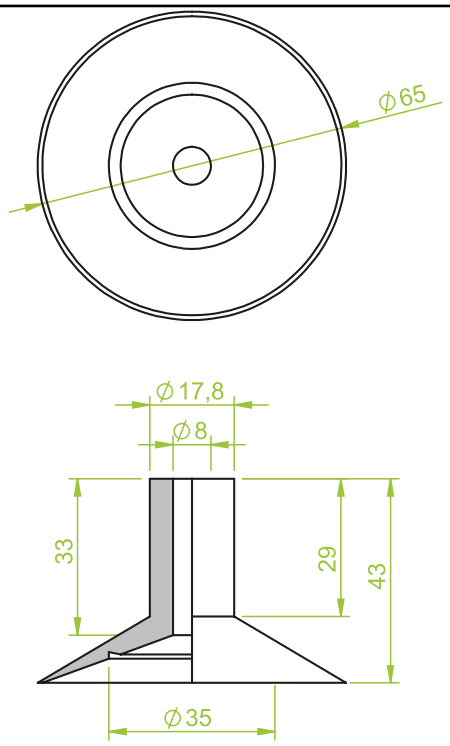
Email: info@morali-gmbh.de
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Flachsauger | Flat cups

Ø 65 mm

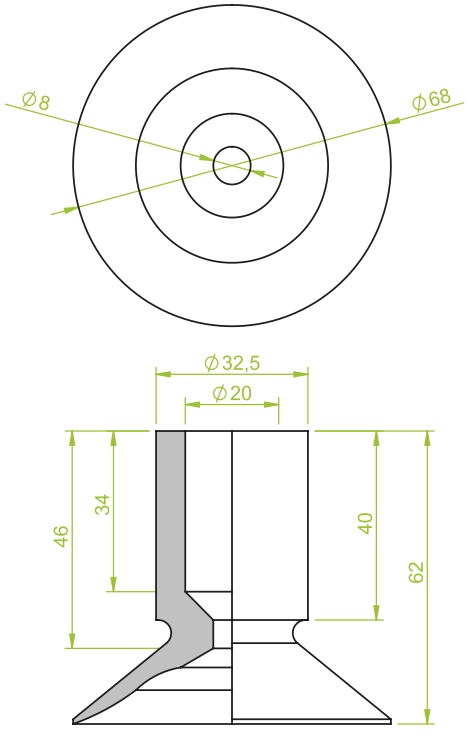
Art.: 10.065.687._

Gewicht | Weight	17.3	gr
Hub | Stroke	8.0	mm



Art.: 10.068.520._

Gewicht | Weight	17.3	gr
Hub | Stroke	8.0	mm

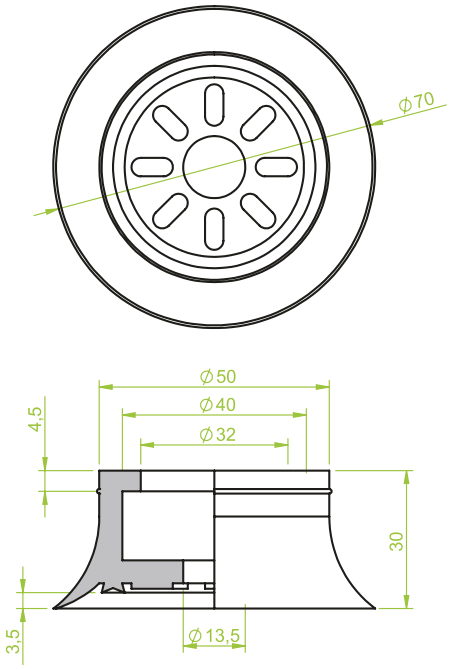


Flachsauger | Flat cups

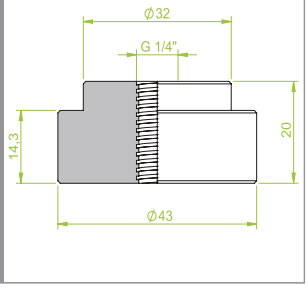
Ø 70 mm

Art.: 10.070.023._

Gewicht | Weight	32.0	gr
Hub | Stroke	6.0	mm



Art.: 130.179 G 1/4" IG



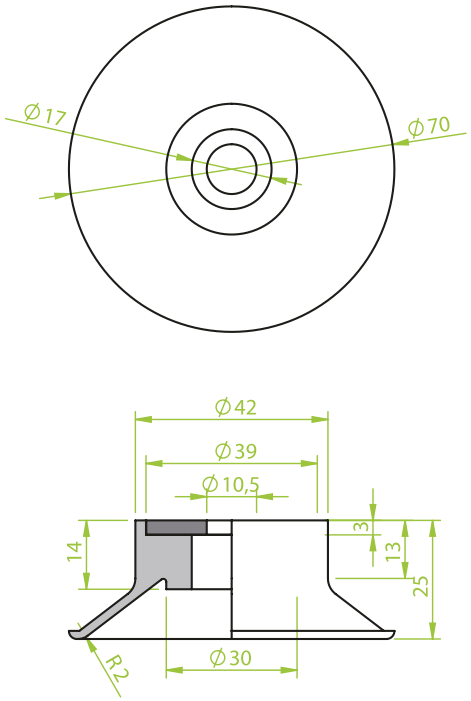
Morali Produktionstechnik GmbH
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Fax: +49 741 - 17 52 60-29
Email: info@morali-gmbh.de
www.morali-gmbh.de

Flachsauger | Flat cups

Ø 70 mm

Art.: 15.070.024._

Gewicht | Weight	50.0	gr
Hub | Stroke	10.0	mm

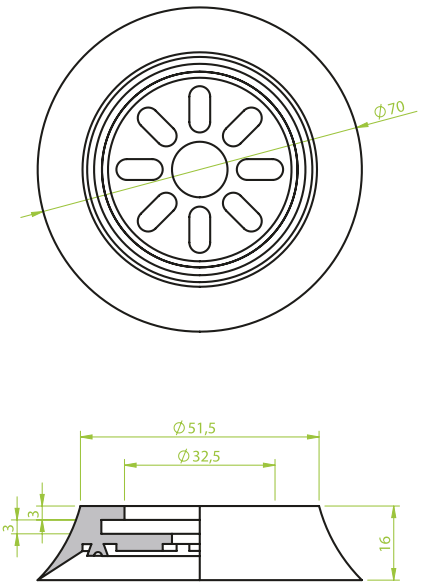


Flachsauger | Flat cups

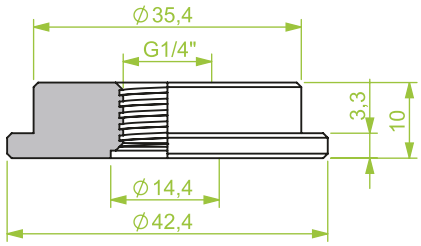
Ø 70 mm

Art.: 10.070.680._

Gewicht | Weight	17.7	gr
Hub | Stroke	5.0	mm



Art.: 130.528

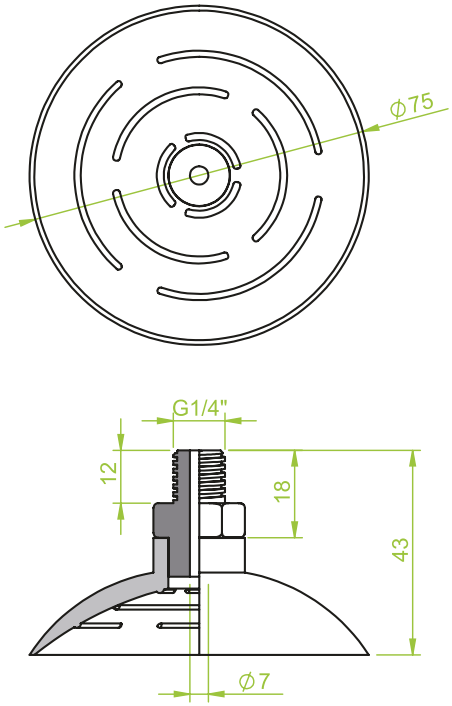


Flachsauger | Flat cups

Ø 75 mm

Art.: 14.075.004._

Gewicht | Weight	77	gr
Hub | Stroke	4.0	mm

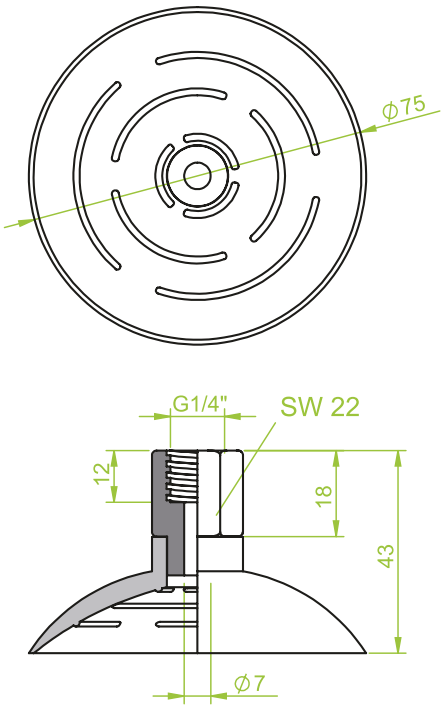


Flachsauger | Flat cups

Ø 75 mm

Art.: 13.075.013._

Gewicht | Weight	54.0	gr
Hub | Stroke	4.0	mm

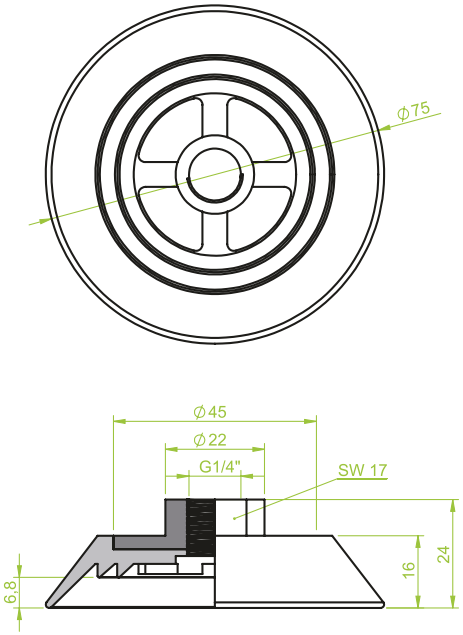


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Flachsauger | Flat cups

Ø75 mm

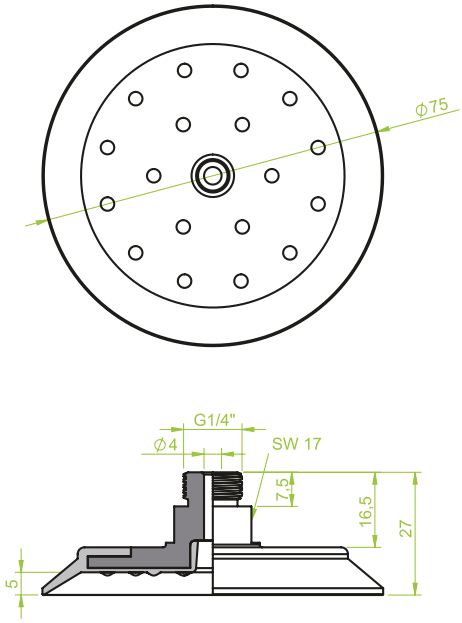
Art.: 13.075.017._		
Gewicht | Weight	38.0	gr
Hub | Stroke	6.0	mm



Flachsauger | Flat cups

Ø 75mm

Art.: 14.075.047._		
Gewicht | Weight	41.2	gr
Hub | Stroke	4.0	mm



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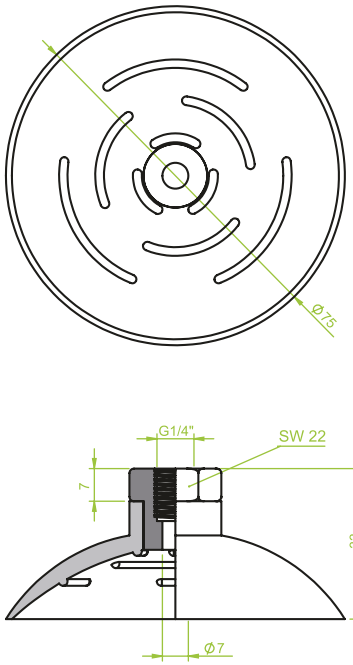
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Flachsauger | Flat cups

Ø 75 mm

Art.: 13.075.069._

Gewicht | Weight	42.8	gr
Hub | Stroke	4.5	mm

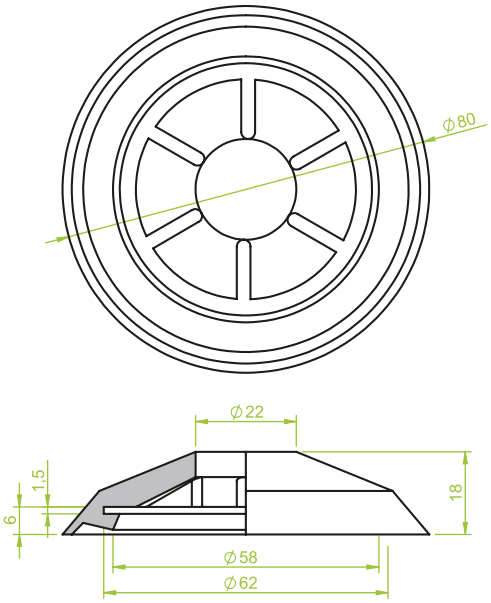


Flachsauger | Flat cups

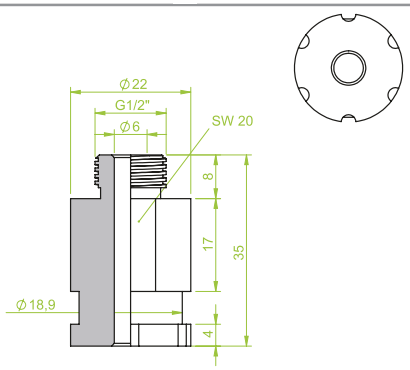
Ø 80 mm

Art.: 10.080.531._

Gewicht | Weight	30.0	gr
Hub | Stroke	7.0	mm



Art.: 130.390

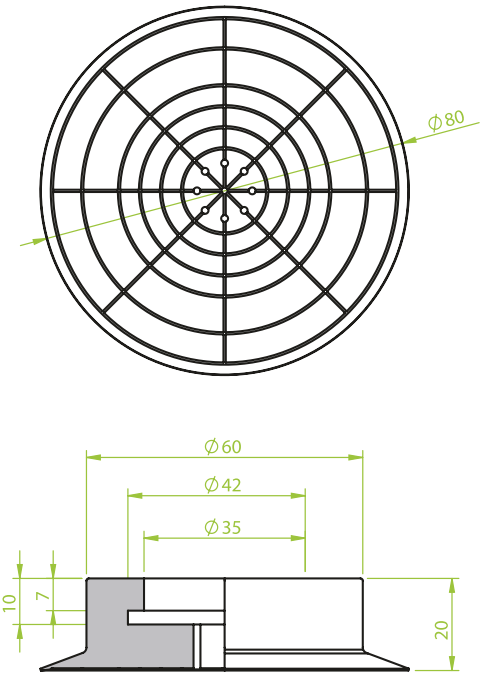


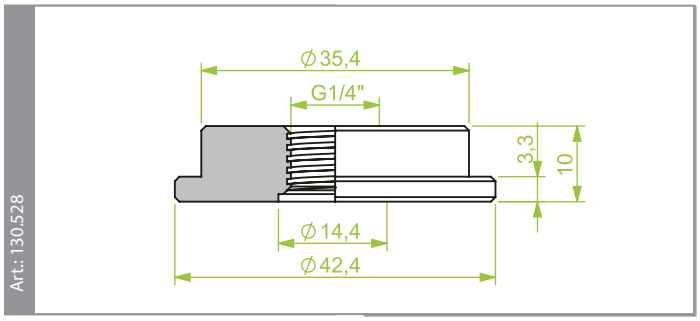
Flachsauger | Flat cups

Ø 80 mm

Art.: 10.080.629._

Gewicht | Weight	53.8	gr
Hub | Stroke	0.0	mm



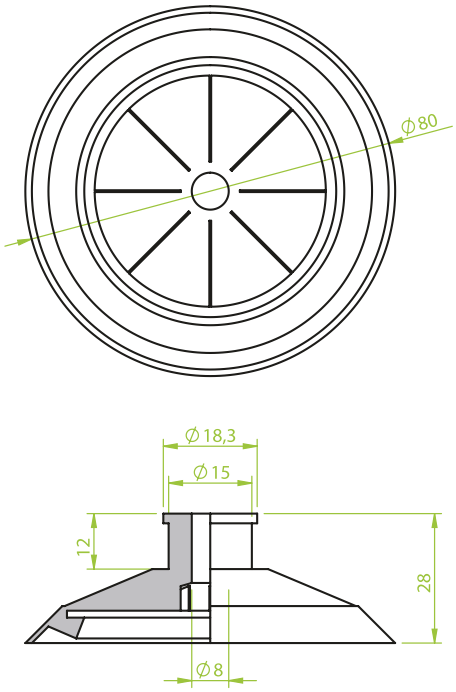


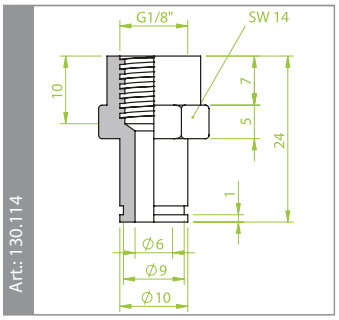
Flachsauger | Flat cups

Ø 80 mm

Art.: 10.080.669._

Gewicht | Weight	22.8	gr
Hub | Stroke	8.0	mm





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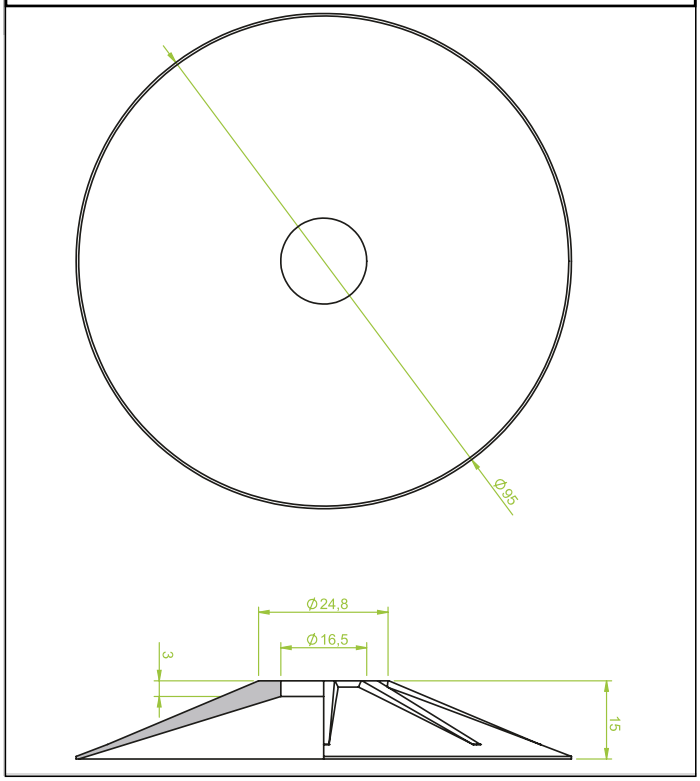
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Flachsauger | Flat cups

Ø 95 mm

Art.: 10.095.540._

Gewicht | Weight	14.0	gr
Hub | Stroke	0.0	mm

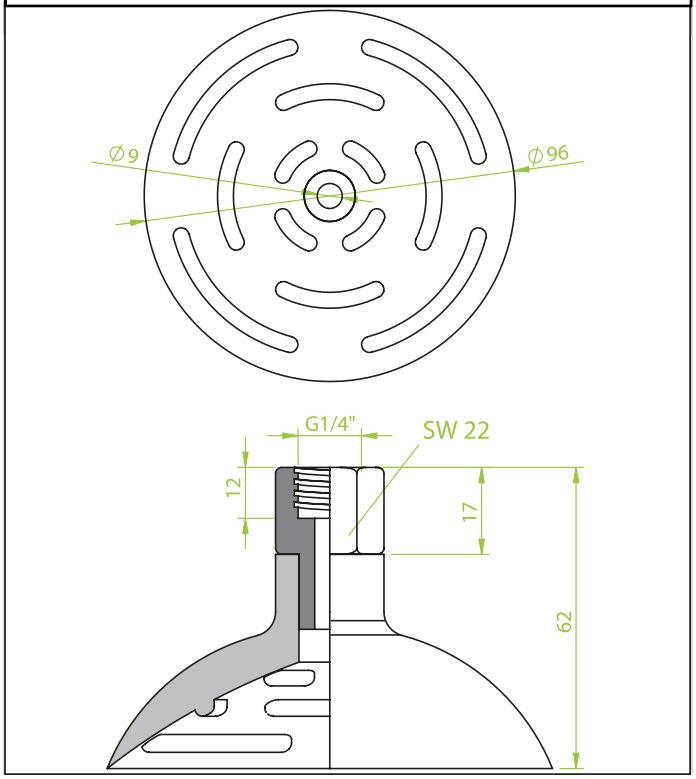


Flachsauger | Flat cups

Ø 96 mm

Art.: 13.096.014._

Gewicht | Weight	124.0	gr
Hub | Stroke	8.0	mm

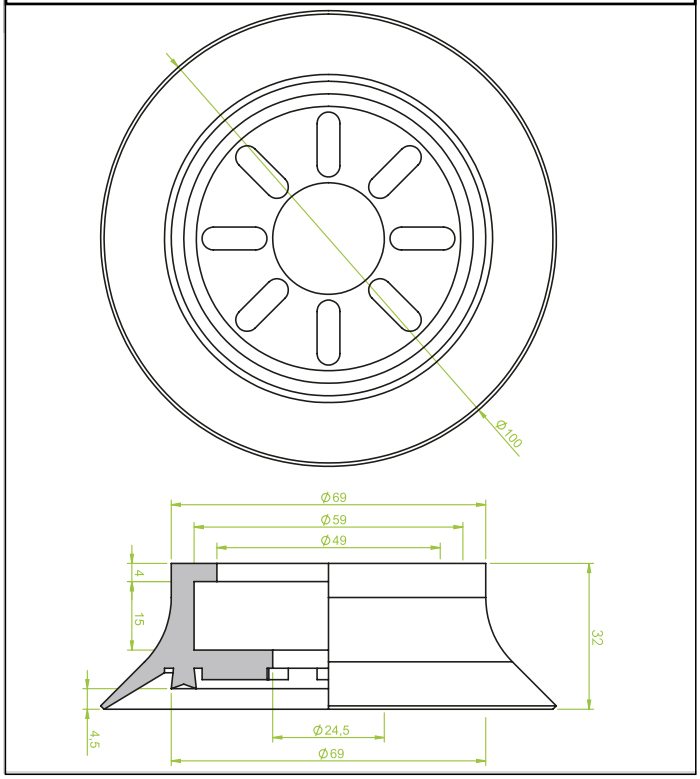


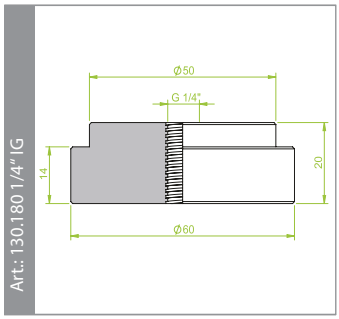
Flachsauger | Flat cups

Ø 100 mm

Art.: 10.100.096._

Gewicht | Weight	68.0	gr
Hub | Stroke	5.0	mm





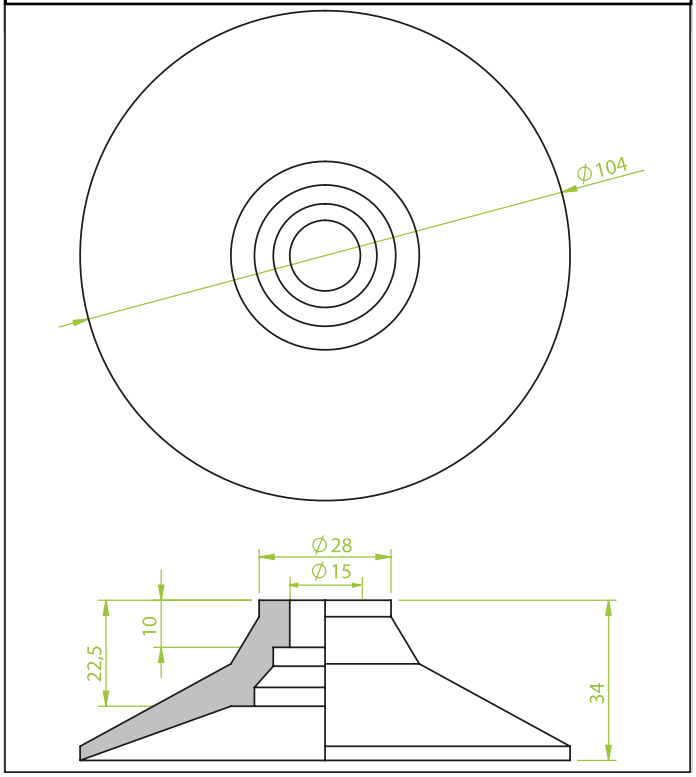


Flachsauger | Flat cups

Ø 104 mm

Art.: 10.104.667._

Gewicht | Weight	61.4	gr
Hub | Stroke	10.0	mm

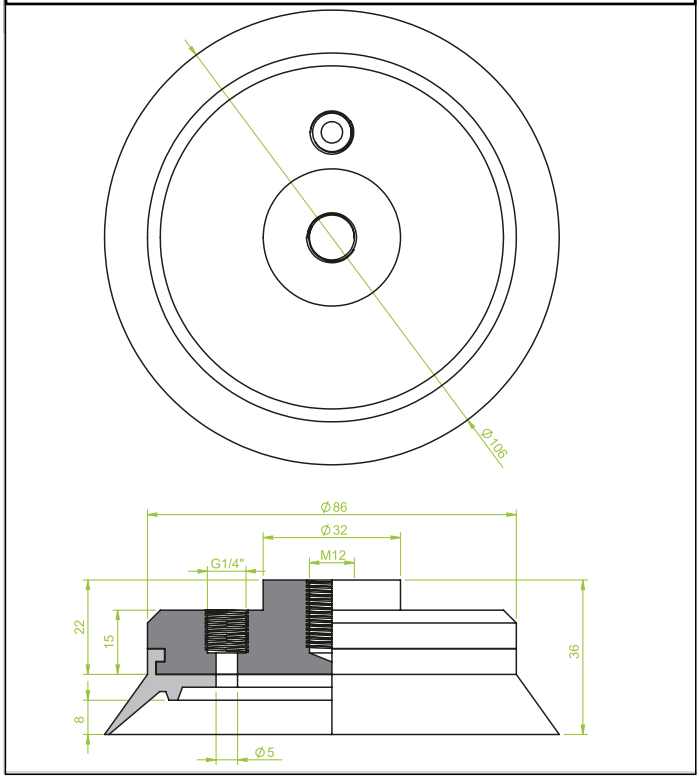


Flachsauger | Flat cups

Ø 106 mm

Art.: 13.106.023._

Gewicht | Weight	253.0	gr
Hub | Stroke	8.0	mm

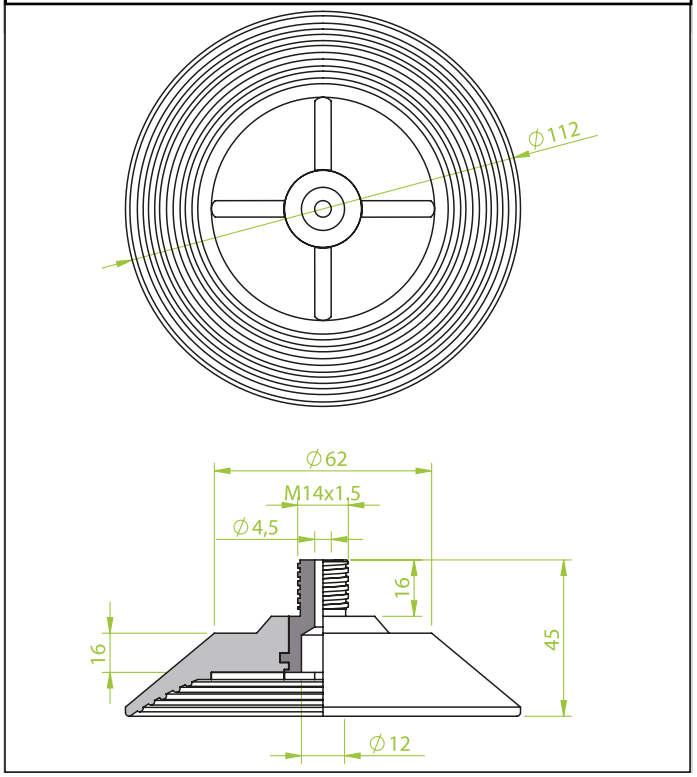


Flachsauger | Flat cups

Ø 112 mm

Art.: 14.112.001._

Gewicht | Weight	120.0	gr
Hub | Stroke	11.0	mm

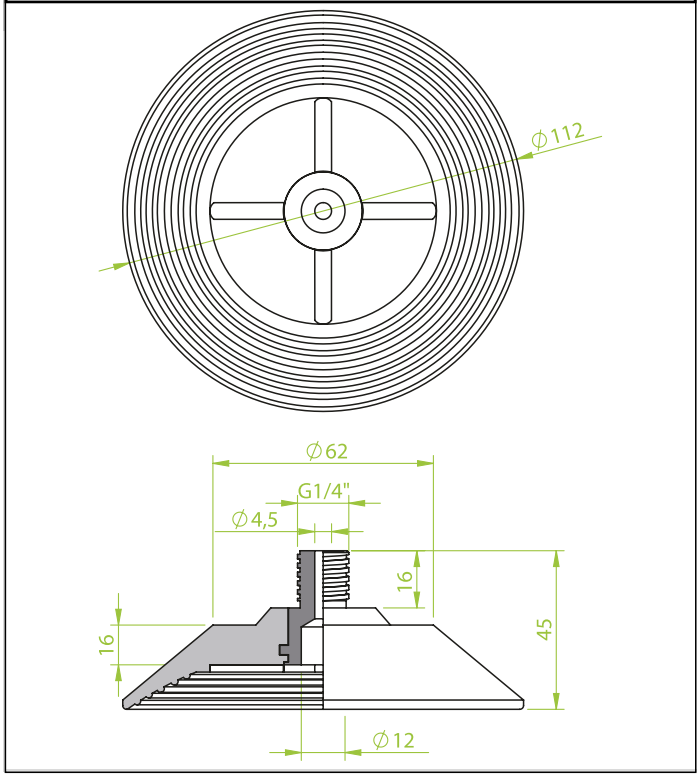


Flachsauger | Flat cups

Ø 112 mm

Art.: 14.112.002._

Gewicht | Weight	120.0	gr
Hub | Stroke	11.0	mm

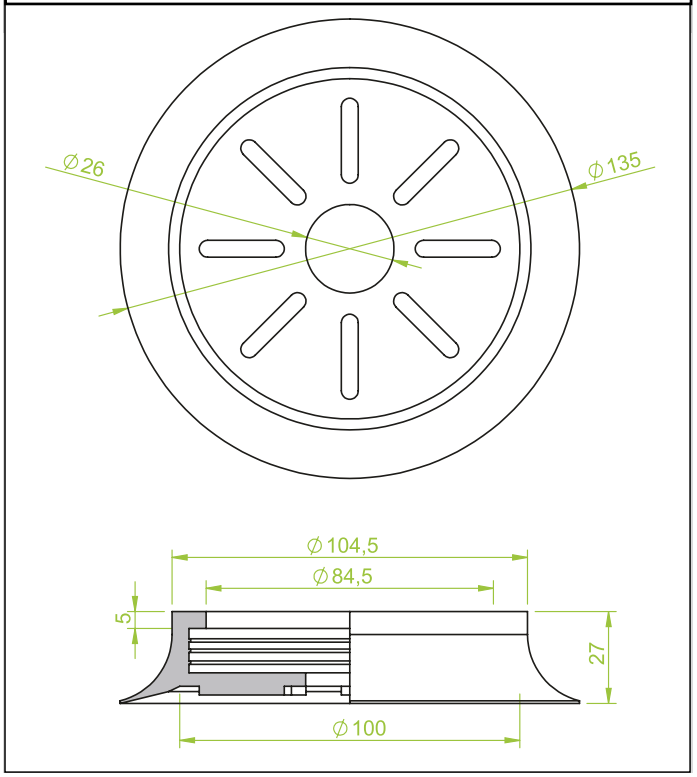


Flachsauger | Flat cups

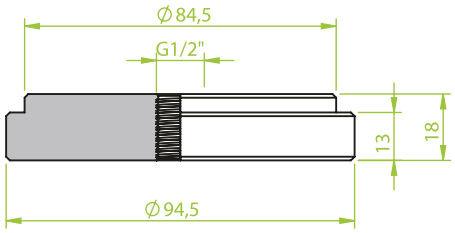
Ø 135 mm

Art.: 10.135.146._

Gewicht | Weight	113.0	gr
Hub | Stroke	2.5	mm



Art.: 130.290



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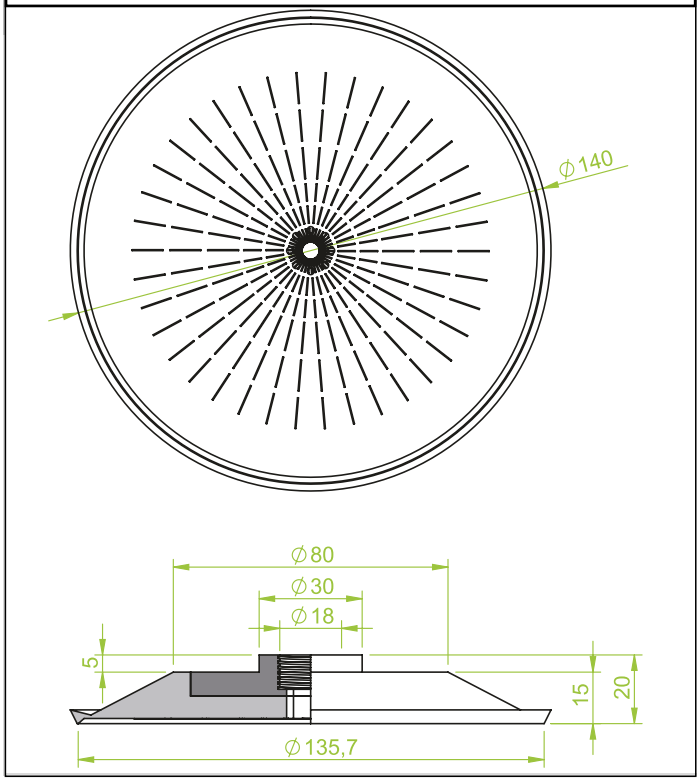
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Flachsauger | Flat cups

Ø 140 mm

Art.: 13.140.064._

Gewicht | Weight	170.0	gr
Hub | Stroke	1.5	mm

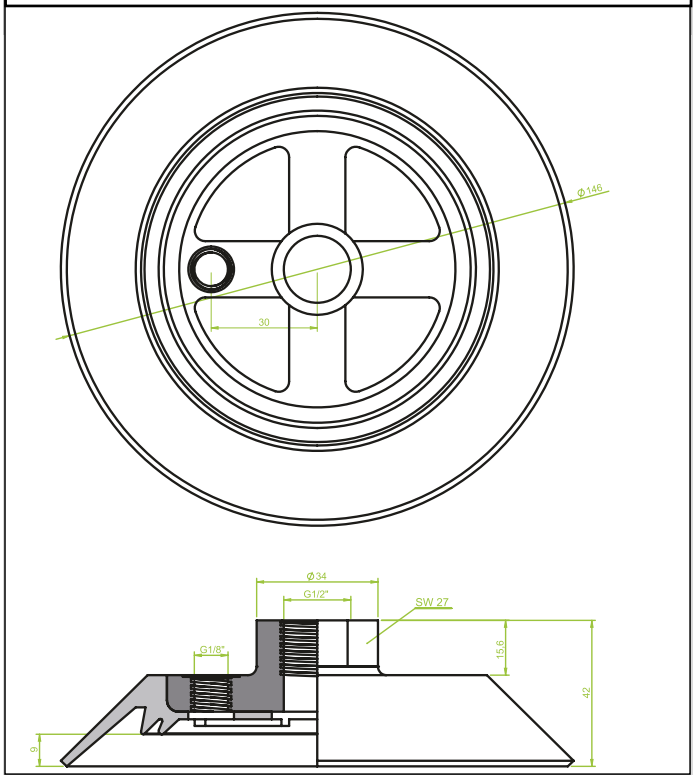


Flachsauger | Flat cups

Ø 150 mm

Art.: 13.150.019._

Gewicht | Weight	284.0	gr
Hub | Stroke	10.0	mm

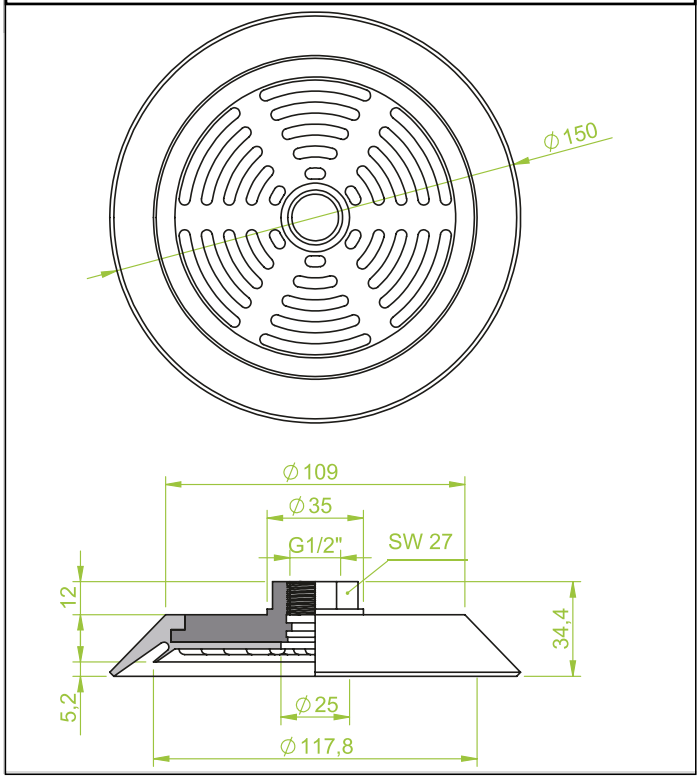


Flachsauger | Flat cups

Ø 150 mm

Art.: 13.150.054._

Gewicht | Weight	310.0	gr
Hub | Stroke	5.0	mm

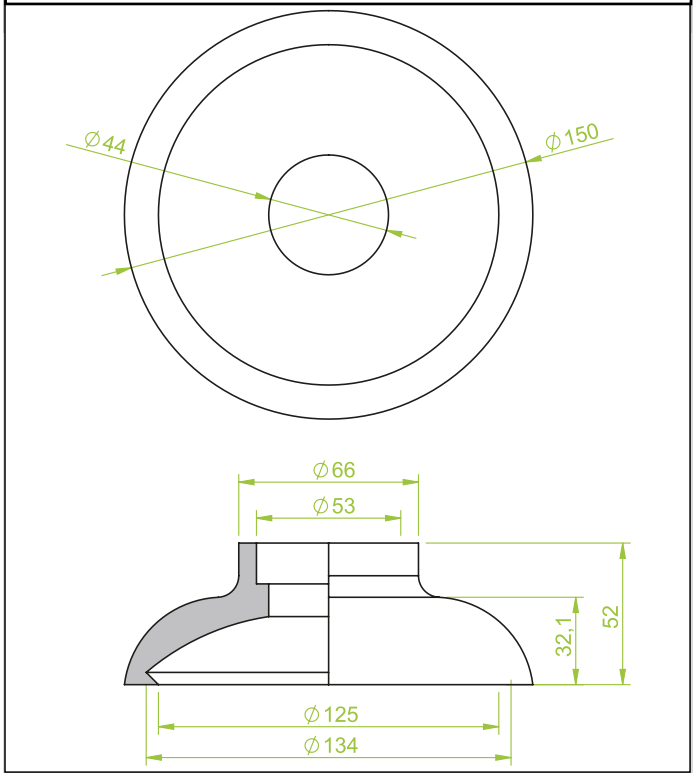


Flachsauger | Flat cups

Ø 150 mm

Art.: 10.150.641._

Gewicht | Weight	309.7	gr
Hub | Stroke	24.0	mm



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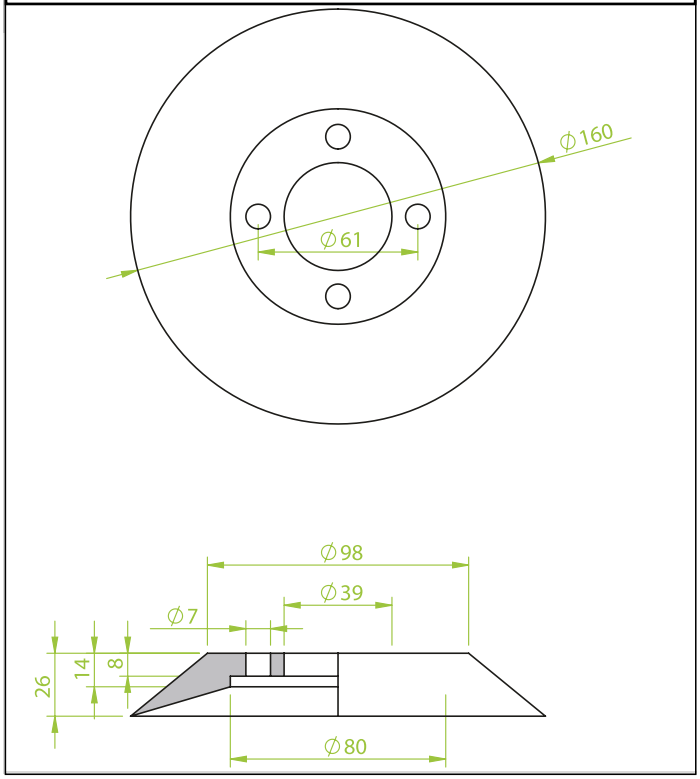
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Flachsauger | Flat cups

Ø 160 mm

Art.: 10.160.013._

Gewicht | Weight	211.0	gr
Hub | Stroke	4.5	mm

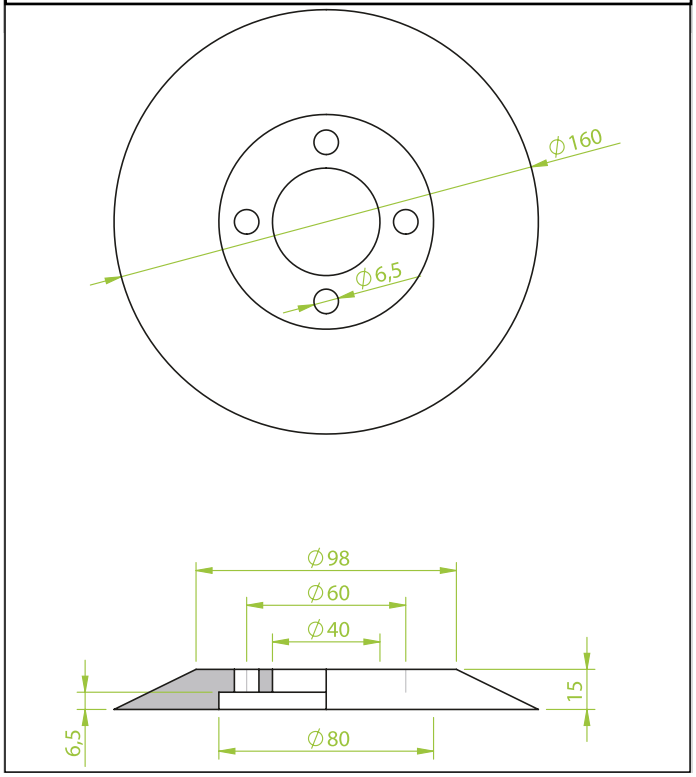


Flachsauger | Flat cups

Ø 160 mm

Art.: 10.160.014._

Gewicht | Weight	180.0	gr
Hub | Stroke	0.0	mm



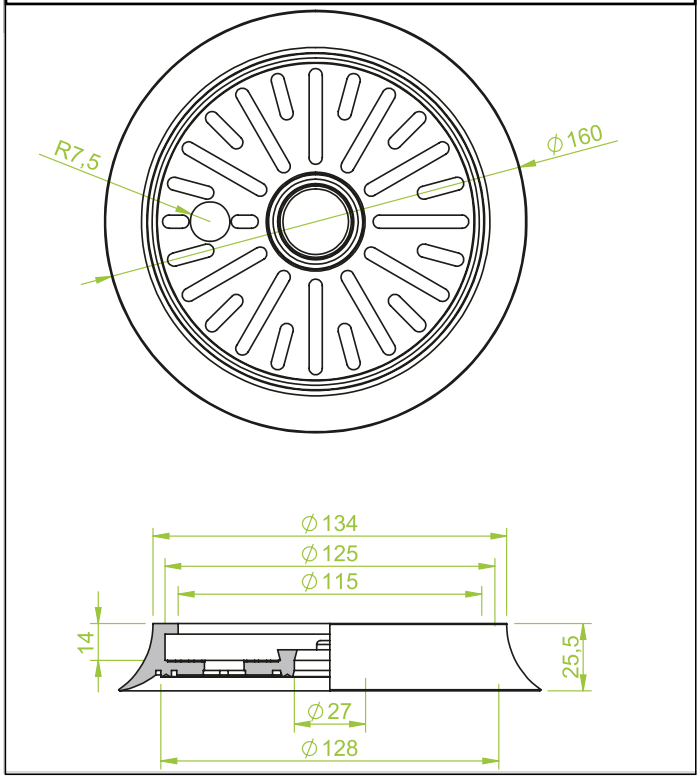
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Flachsauger | Flat cups

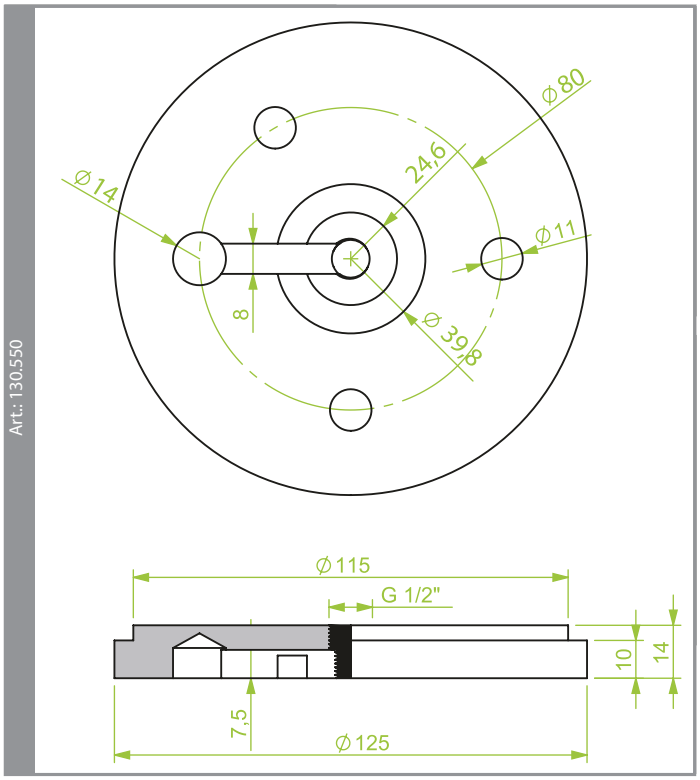
Ø 160 mm

Art.: 10.160.593._

Gewicht | Weight	139.6	gr
Hub | Stroke	7.0	mm



Art.: 130.550

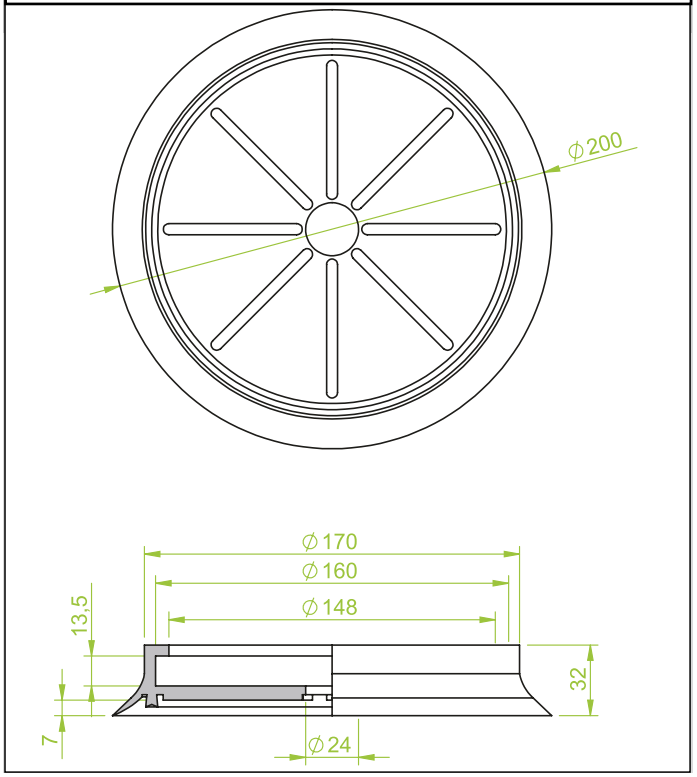


Flachsauger | Flat cups

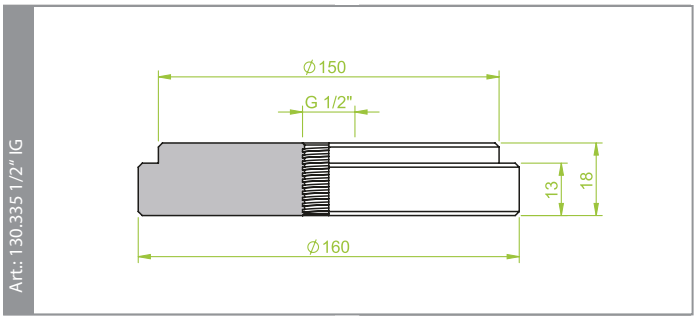
Ø 200 mm

Art.: 10.200.026._

Gewicht | Weight	200.0	gr
Hub | Stroke	5.0	mm



Art.: 130.335 1/2" IG



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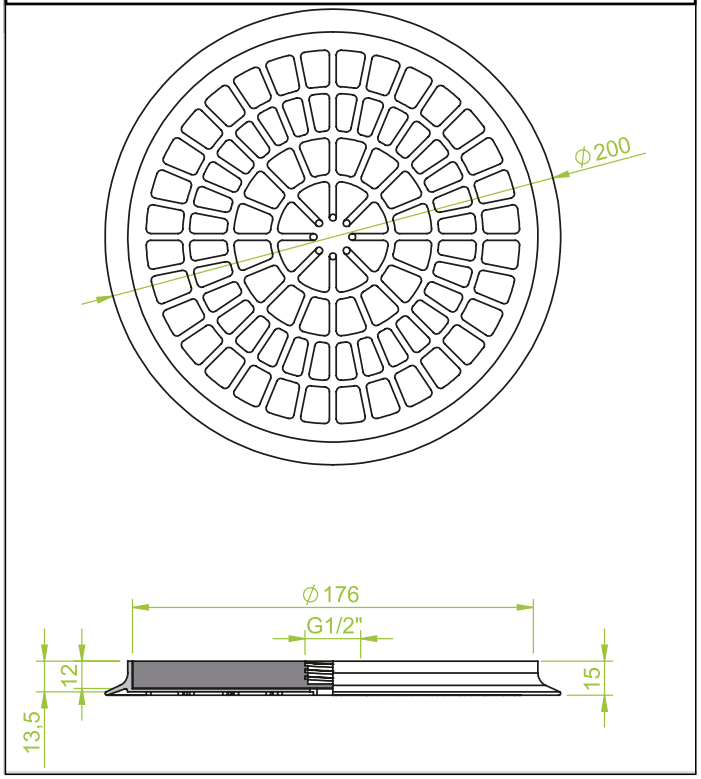
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Flachsauger | Flat cups

Ø 200 mm

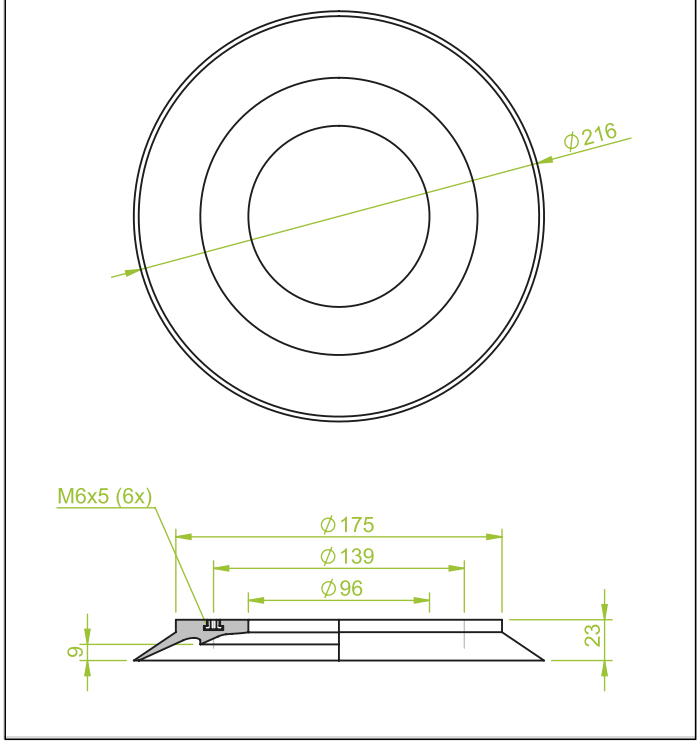
Art.: 13.200.068._

Gewicht | Weight	850.0	gr
Hub | Stroke	1.0	mm



Art.: 13.216.005._

Gewicht | Weight	565.0	gr
Hub | Stroke	9.0	mm

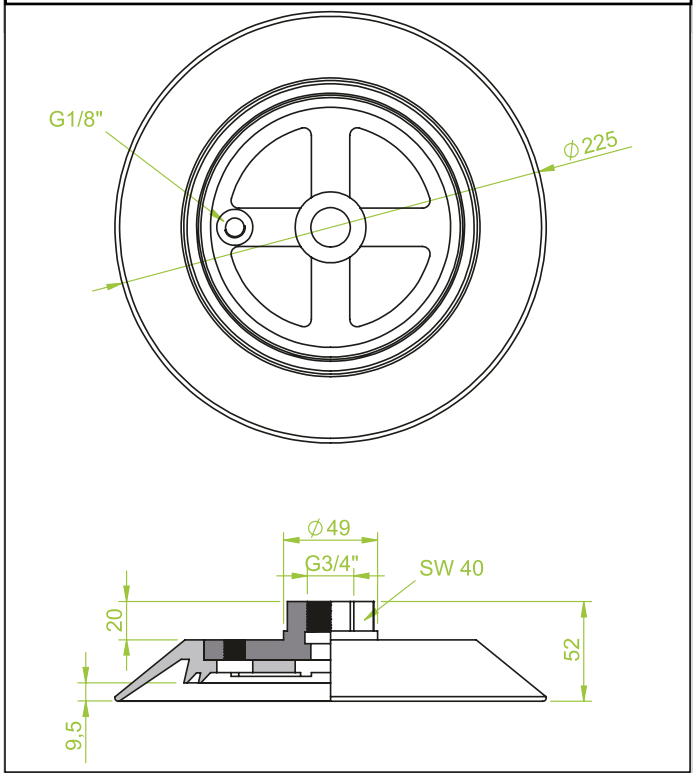


Flachsauger | Flat cups

Ø 225 mm

Art.: 13.225.020._

Gewicht | Weight	840.0	gr
Hub | Stroke	8.0	mm

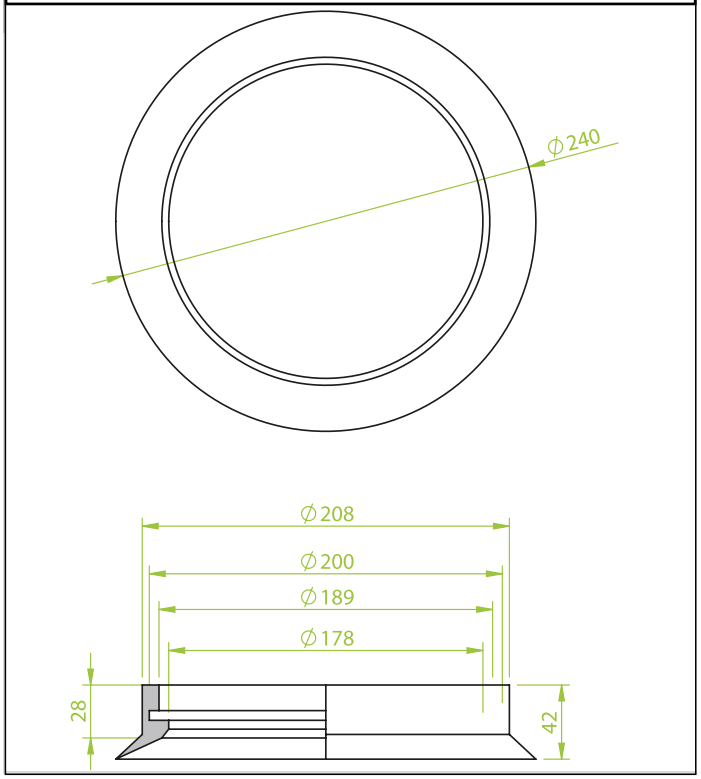


Flachsauger | Flat cups

Ø 240 mm

Art.: 10.240.607._

Gewicht | Weight	296.4	gr
Hub | Stroke	8.0	mm

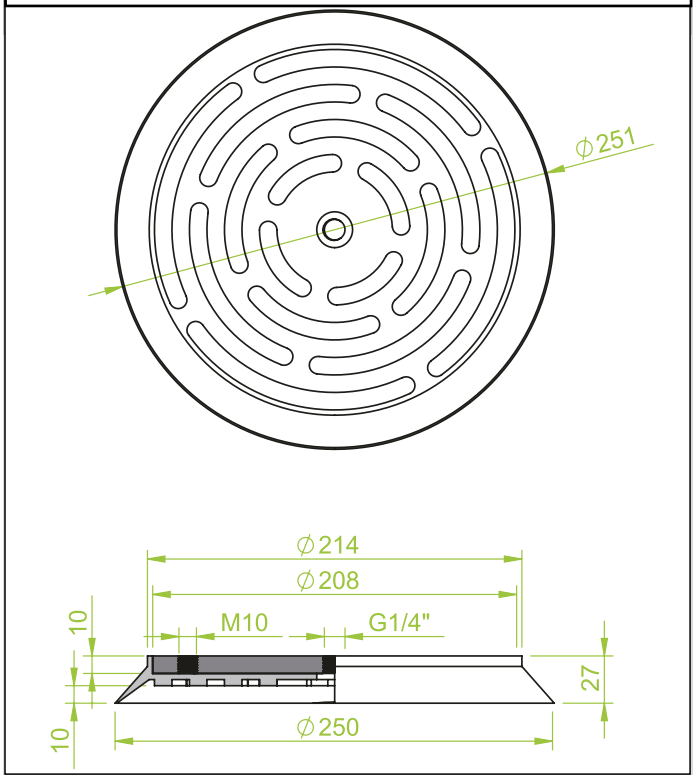


Flachsauger | Flat cups

Ø 252 mm

Art.: 13.252.059._

Gewicht | Weight	2168.7	gr
Hub | Stroke	6.0	mm



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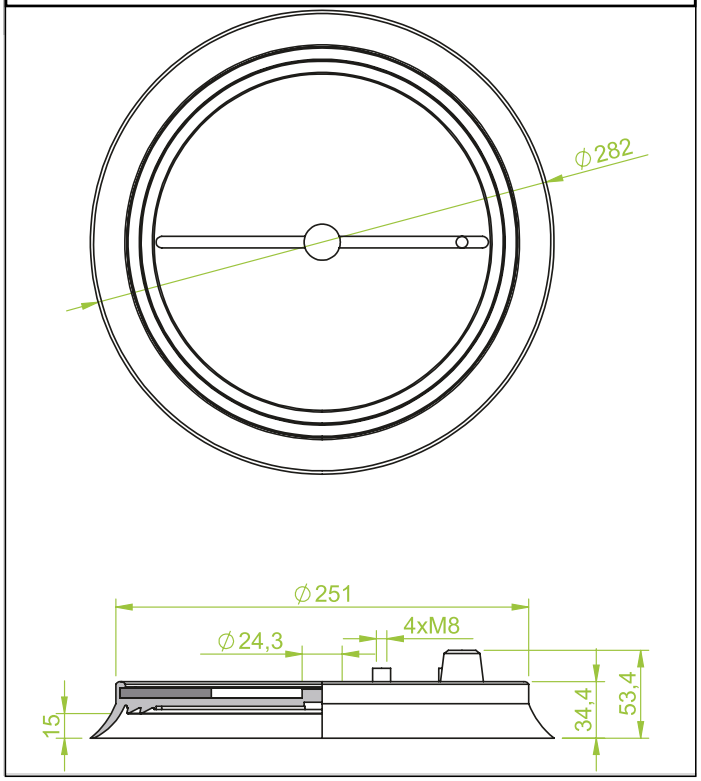
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Flachsauger | Flat cups

Ø 282 mm

Art.: 13.282.058._

Gewicht | Weight	1600.0	gr
Hub | Stroke	15.0	mm

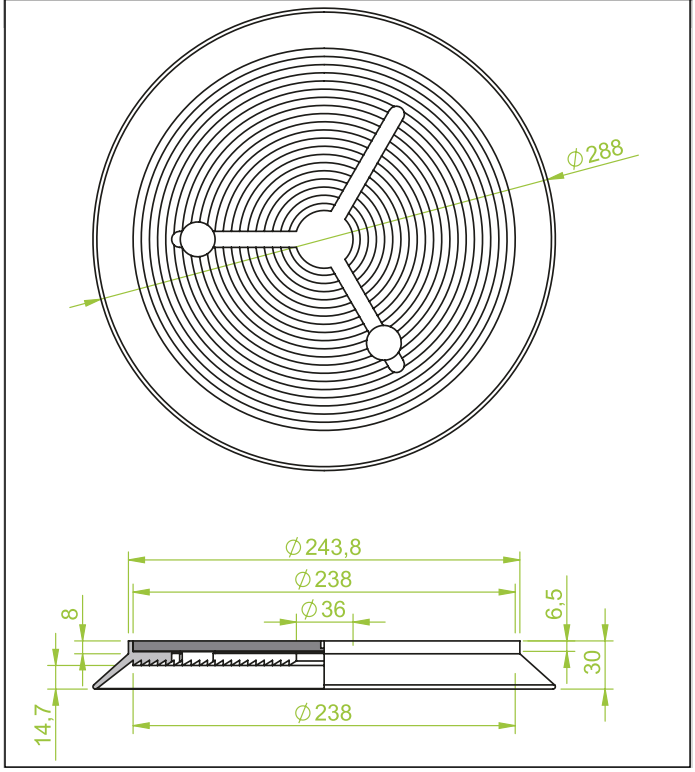


Flachsauger | Flat cups

Ø 288 mm

Art.: 15.288.032._

Gewicht | Weight	2580.0	gr
Hub | Stroke	12.0	mm



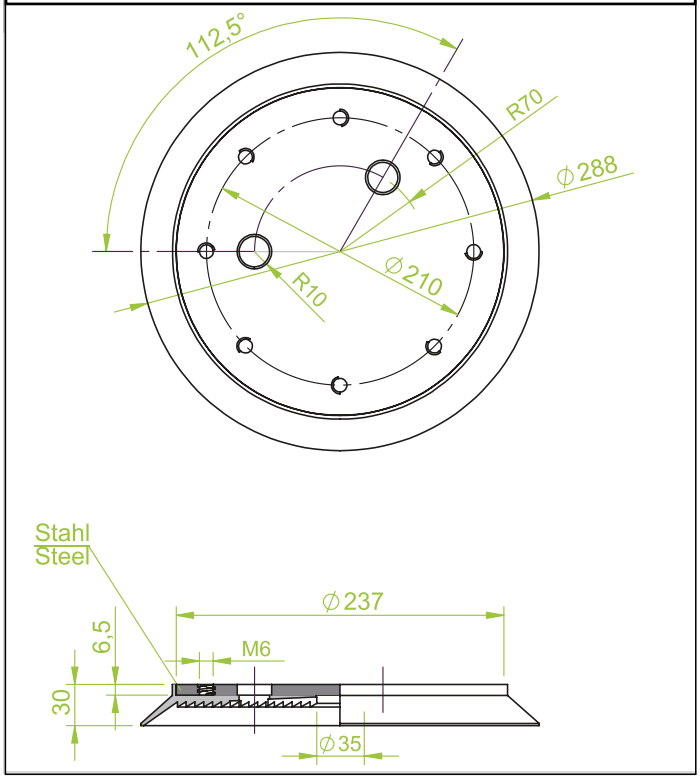
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Flachsauger | Flat cups

Ø 288 mm

Art.: 15.288.033._

Gewicht | Weight	2580.0	gr
Hub | Stroke	12.0	mm

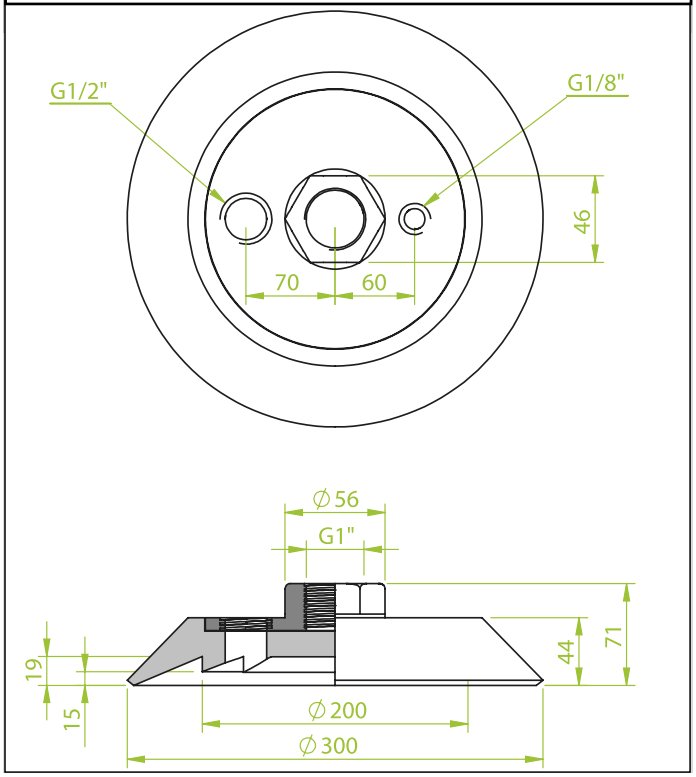


Flachsauger | Flat cups

Ø 300 mm

Art.: 13.300.021._

Gewicht | Weight	1840.0	gr
Hub | Stroke	17.0	mm

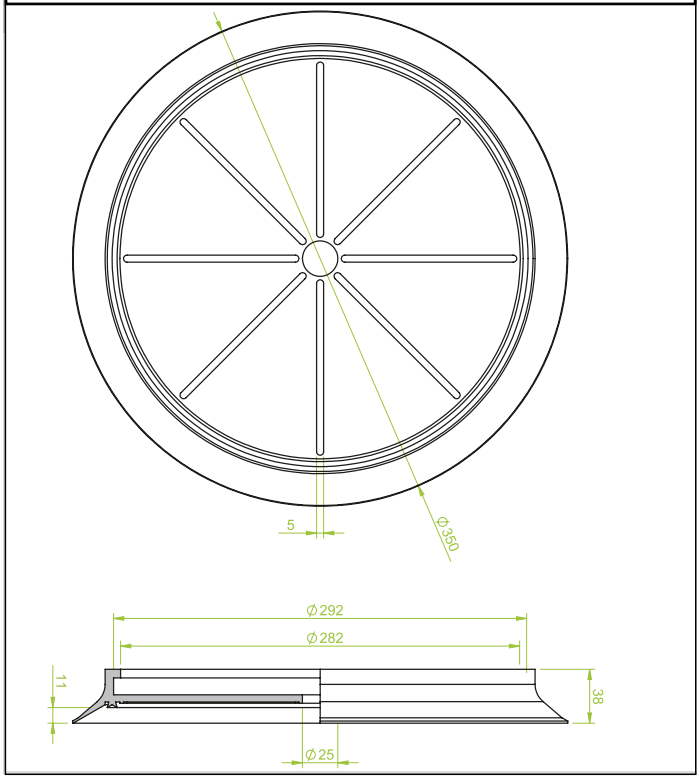


Flachsauger | Flat cups

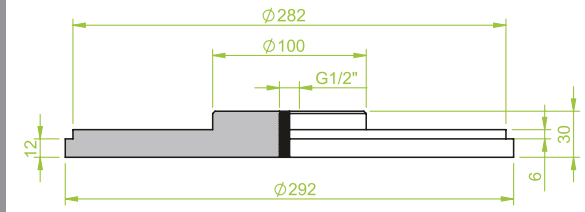
Ø 350 mm

Art.: 10.350.097._

Gewicht | Weight	770.0	gr
Hub | Stroke	12.0	mm



Art.: 130.337 1/2" IG

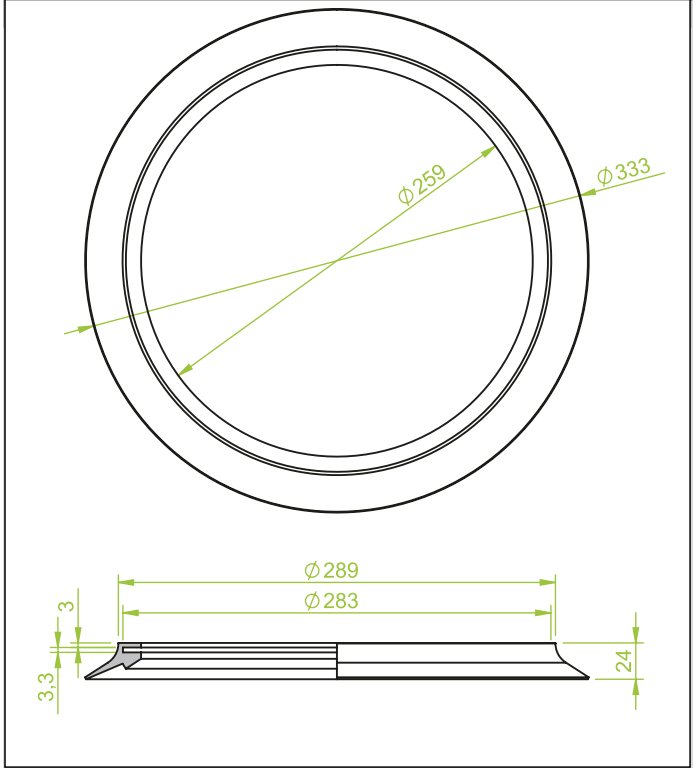


Flachsauger | Flat cups

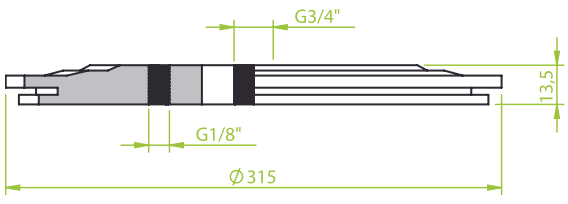
Ø 350 mm

Art.: 10.350.572._

Gewicht | Weight	273.0	gr
Hub | Stroke	6.0	mm



Art.: 130.076

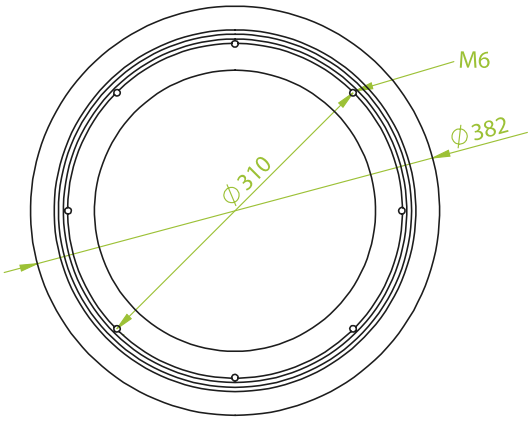


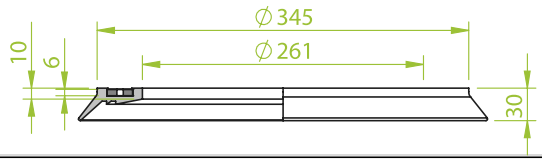
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Flachsauger | Flat cups

Ø 382 mm

Art.: 13.382.065._		
Gewicht | Weight	1664	gr
Hub | Stroke	10.0	mm





Flachsauger | Flat cups

Ø mm

Art.: _	
Gewicht | Weight	gr
Hub | Stroke	mm

MORALI VACTEC SYSTEMS

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