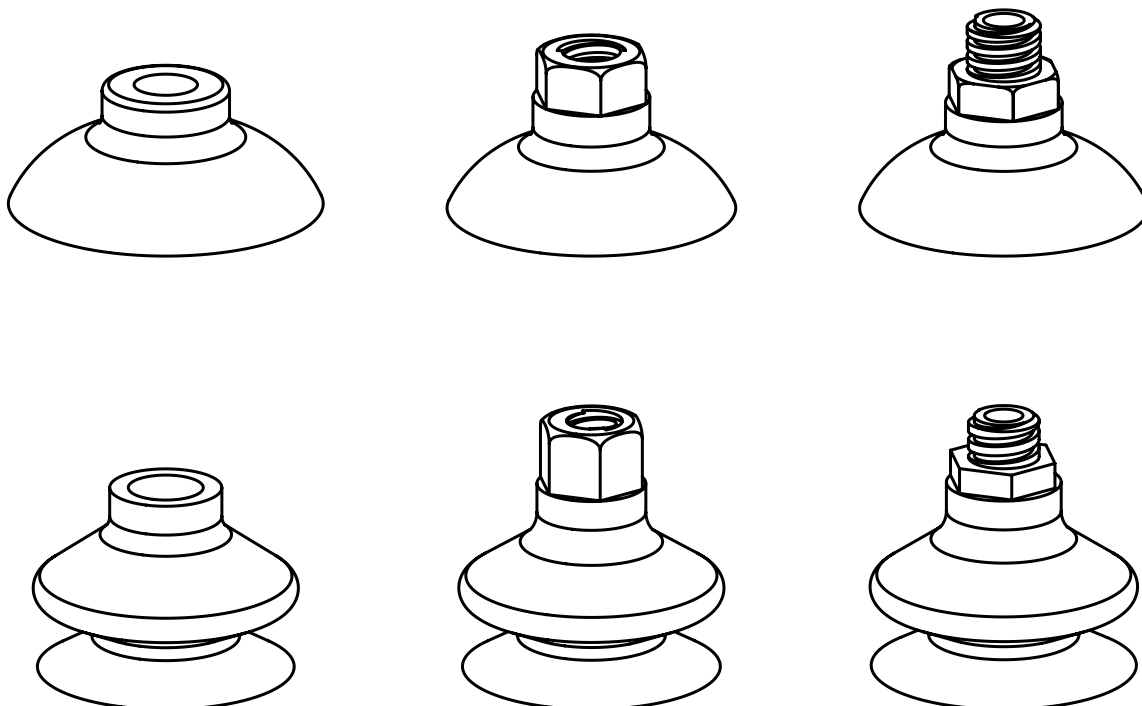


VAC Reihe / VAC line

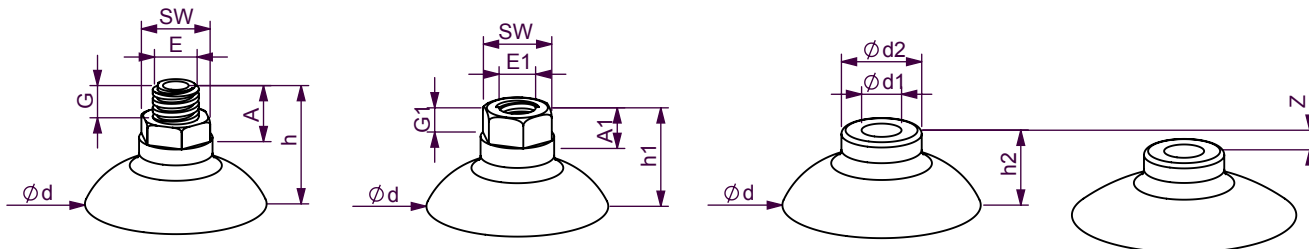


01=NBR, 02=S (Silikon/silicone), 03=NR (Naturgummi/natural rubber), 05=PU (Polyurethan/polyurethane), 06=EPDM, 07=FKM(Viton®)

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

*Weitere Materialien auf Anfrage
Further materials on request

I



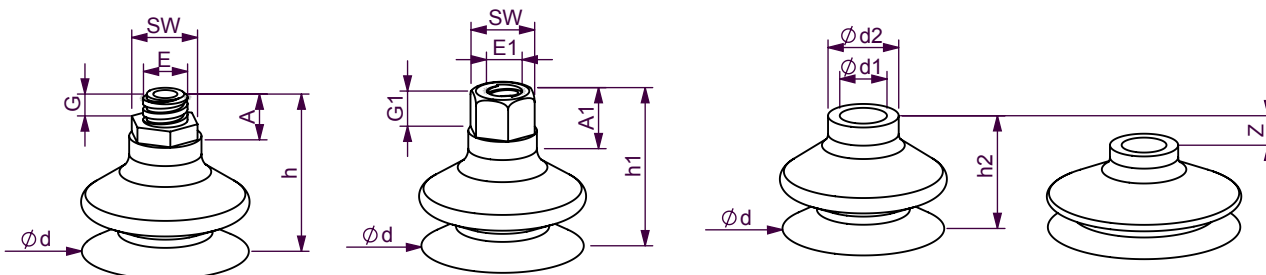
Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ø d	h	h1	h2	A	A1	Ø d1	Ø d2	E	E1	G	G1	SW	Z
12.020.002._	11.020.002._	10.020.093._	NBR,S,NR,PU	20	24	24	12	12	12	8	5	G1/8"	G1/8"	8	8	14	3.5
12.034.003._	11.034.003._	10.034.094._	NBR,S,NR,PU	34	29	29	14	15	15	14	7	G1/4"	G1/4"	10	12.5	17	2.5
14.053.003._	13.053.012._	---	NBR,S,NR,PU	53	33	33	18	15	15	--	--	G1/4"	G1/4"	11	11	17	3.0
14.075.004._	13.075.013._	---	NBR,S,NR,PU	75	43	43	25	18	18	--	--	G1/4"	G1/4"	12	12	22	4.0
14.096.005._	13.096.014._	---	NBR,S,NR,PU	96	62	62	45	17	17	--	--	G1/4"	G1/4"	12	12	22	8.0

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

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

*Weitere Materialien auf Anfrage
Further materials on request

II



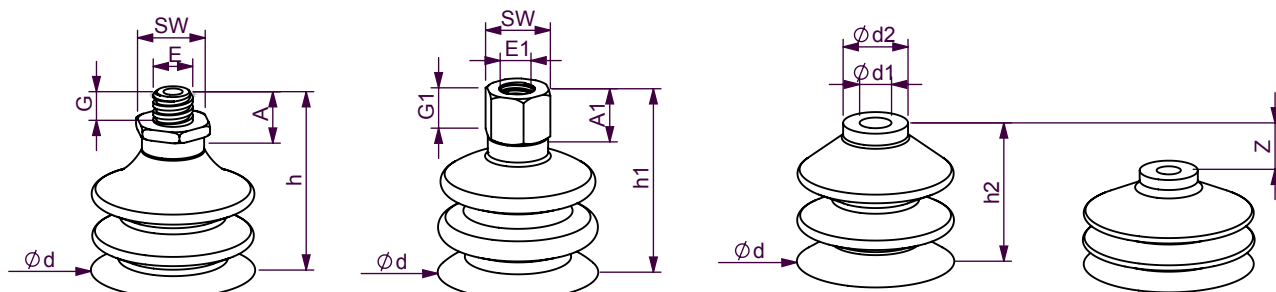
Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ø d	h	h1	h2	A	A1	Ø d1	Ø d2	E	E1	G	G1	SW	Z
212.014.001._	211.014.009._	210.014.064._	NBR,S,PU,NR,FKM	14	31.5	30	18	12	13.5	12	5	G1/8"	G1/8"	8	7.5	14	8
212.025.002._	211.025.010._	210.025.065._	NBR,S,PU,NR,EPDM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

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

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

 *Weitere Materialien auf Anfrage
 Further materials on request

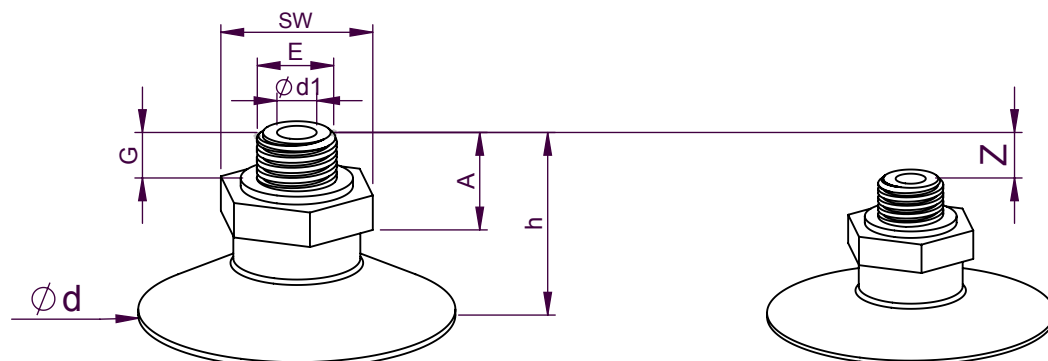
III



Aussengewinde Male thread (AG)	Innengewinde Female thread (IG)	Ersatzsauger Spare Cup	Material (*)	Ød	h	h1	h2	A	A1	Ød1	Ød2	E	E1	G	G1	SW	Z
222.010.001._	221.010.003._	220.010.021._	NBR,S,PU,NR,EPDM	10	28.1	27.7	15.7	12	12.4	10.2	5.3	G1/8"	G1/8"	8	8.2	14	3
222.014.002._	221.014.004._	220.014.023._	NBR,S,PU,NR,EPDM	14	36.5	35	23	12	13.5	12	5	G1/8"	G1/8"	9	7.5	14	10
222.018.003._	221.018.005._	220.018.001._	NBR,S,PU,NR,EPDM	18	34.4	34	22	12	12.4	12	5	G1/8"	G1/8"	8	8.2	14	8
222.030.004._	221.030.006._	220.030.006._	NBR,S,PU,NR,EPDM,FKM	30	50	48	33	15	15	19	8	G1/4"	G1/4"	12	12	17	13
222.040.005._	221.040.007._	220.040.010._	NBR,S,PU,NR,EPDM	40	60	60	45	15	15	19	8	G1/4"	G1/4"	12	12	17	20
222.060.006._	221.060.010._	220.060.026._	NBR,S,NR,EPDM	60	70	70	55	15	15	19	8	G1/4"	G1/4"	12	12	17	24
224.085.001._	221.085.007._	---	NBR,S,NR	85	100	100	78	17	17	-	-	G1/4"	G1/4"	10	12	22	38

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

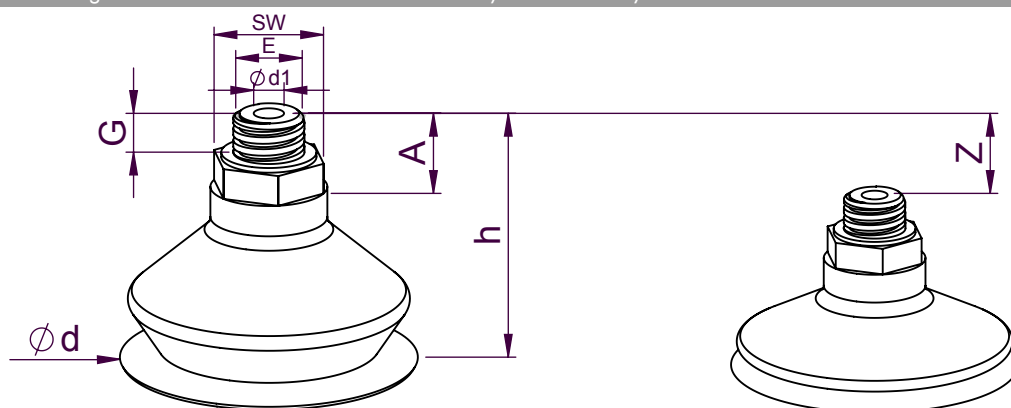
Andere Artikel auf Anfrage / Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
Further materials on request

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

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

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

*Weitere Materialien auf Anfrage
Further materials on request

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

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

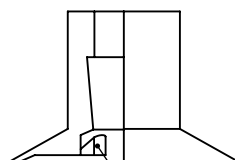
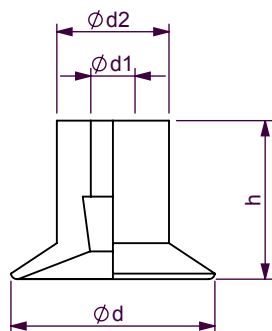
Andere Artikel auf Anfrage | Products available from stock / Other products on request

*Weitere Materialien auf Anfrage
 Further materials on request

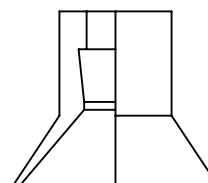
VAC-1

VAC-2

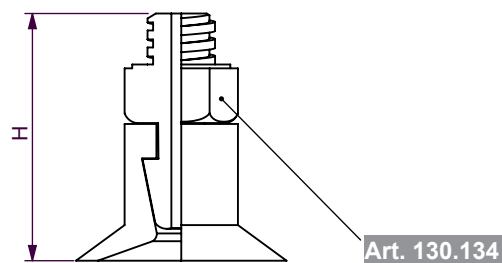
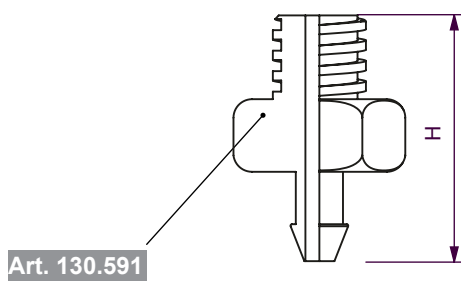
VAC-3



mit Abstützrippen
 with cleats



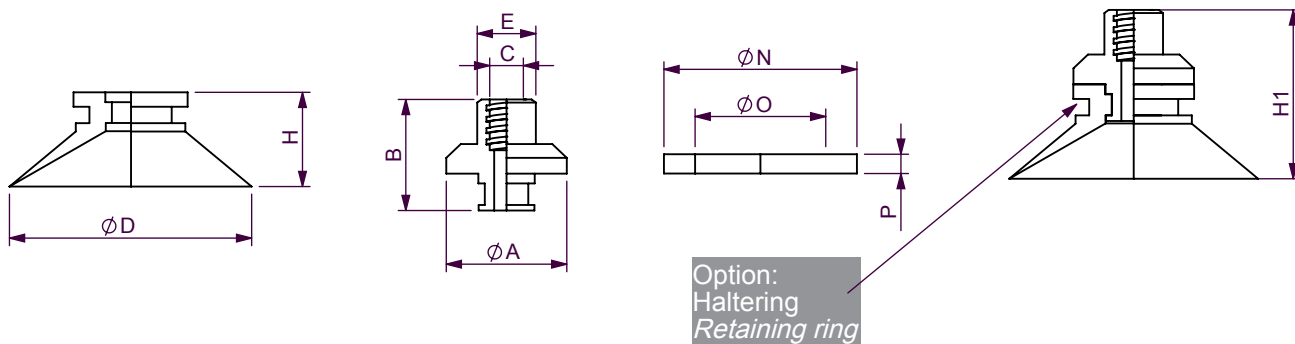
VAC	Flachsauger Flat vacuum cups	Art.			Ø d	Ø d1	Ø d2	h	H	Komplett mit Anschlussstück Complete with fitting
VAC-1	Art. 10.005.034._	130.591	0.5 mm	0.1 g	5.0	2.0	4.5	6.0	14.4	Art. 12.005.040._
VAC-1	Art. 10.007.035._	130.591	1.0 mm	1.1 g	7.0	2.0	5.0	6.5	15.0	Art. 12.007.041._
VAC-1	Art. 10.009.020._	130.591	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
AccessoriesKomplett
Complete

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

 Abmessungen in mm
 Dimensions in mm

Vakuumsauger Vacuum cups				Fitting				Haltering Retaining ring		
VAC Art.	ØD	H	H1	ØA	B	C	E	ØN	ØO	P
10.022.120._	22	8	17.5	16	14.5	M5	G1/8"	14	9.7	1.8
10.032.121._	32	10	19	16	14.5	M5	G1/8"	14	9.7	1.8
10.042.122._	42	13	21	21	15	G1/8"	Ø 15	20	13	2.5
10.053.123._	53	17.5	27	28	18	G1/8"	Ø 15	26	19	3.2

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

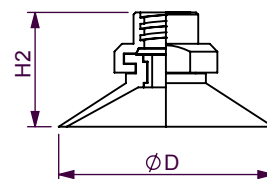
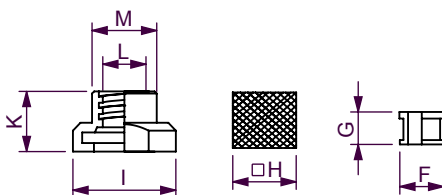
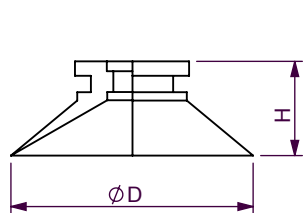
Material 01=NBR, 02=S (Silikon/silicone)

 Weitere Materialien auf Anfrage
 Further materials on request

II

VAC

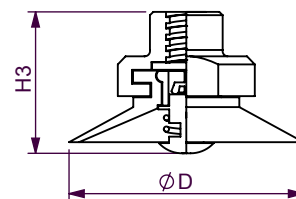
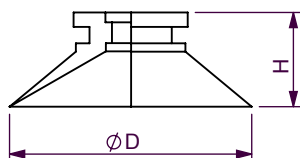
Fitting

Komplett
Complete

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

VAC

Fitting

Tastventil
Plunger valveKomplett
Complete

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

Vakuumsauger Vacuum cups					Fitting						
VAC Art.	ØD	H	H2	H3	ØF	G	□H	ØJ	K	L	M
10.022.120._	22	8	16	---	7	5	11	18	11	M5	G1/8"
10.032.121._	32	10	17.3	20	7	5	11	18	11	M5	G1/8"
10.042.122._	42	13	21	23	10	7	15	23	13	G1/8"	---
10.053.123._	53	17.5	26	28	14	9	21	32	15	G1/8"	---

Abmessungen in mm / Dimensions in mm

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

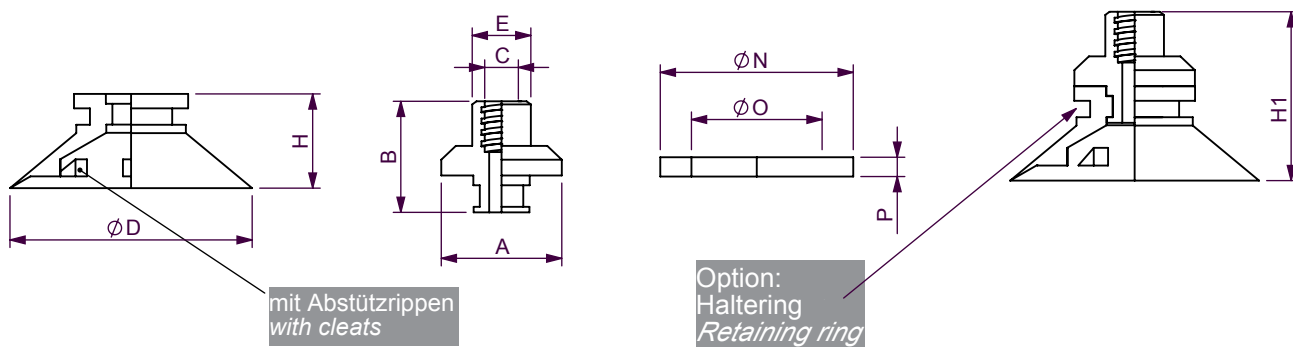
Material 01=NBR, 02=S (Silikon/silicone)

Weitere Materialien auf Anfrage
Further materials on request

I

VAC

Fitting

Zubehör
AccessoriesKomplett
Complete

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

 Abmessungen in mm
 Dimensions in mm

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

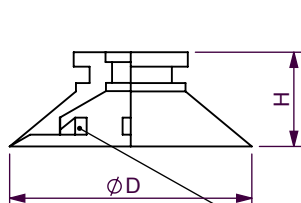
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

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

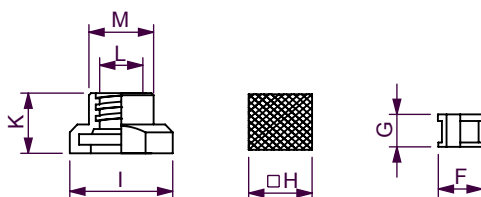
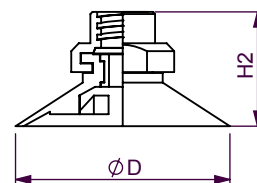
 Weitere Materialien auf Anfrage
 Further materials on request

II

VAC

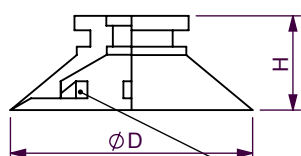

 mit Abstützrippen
 with cleats

Fitting

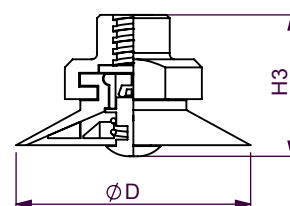
Komplett
Complete

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

VAC


 mit Abstützrippen
 with cleats

Fitting

Tastventil
Plunger valveKomplett
Complete

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

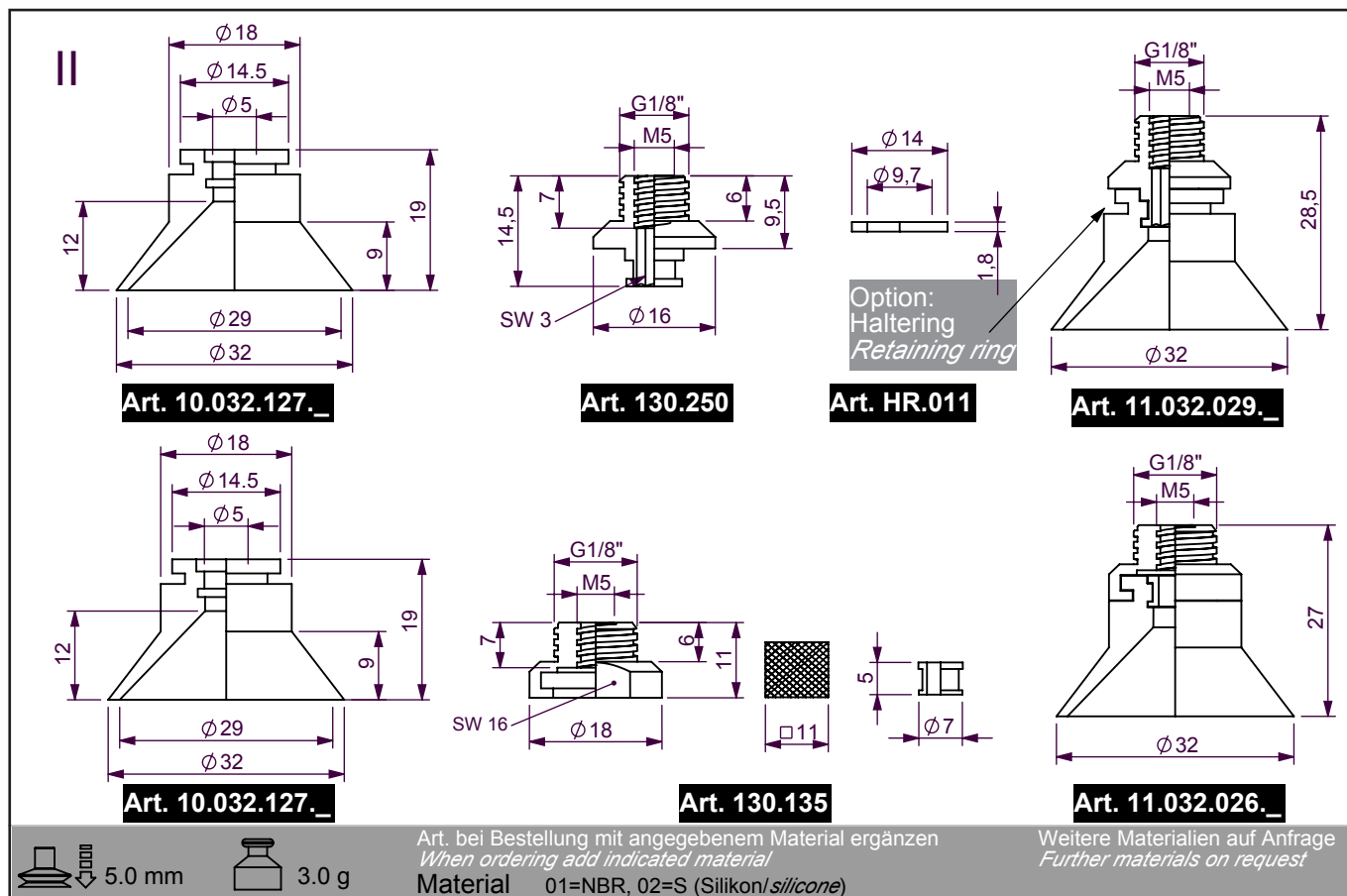
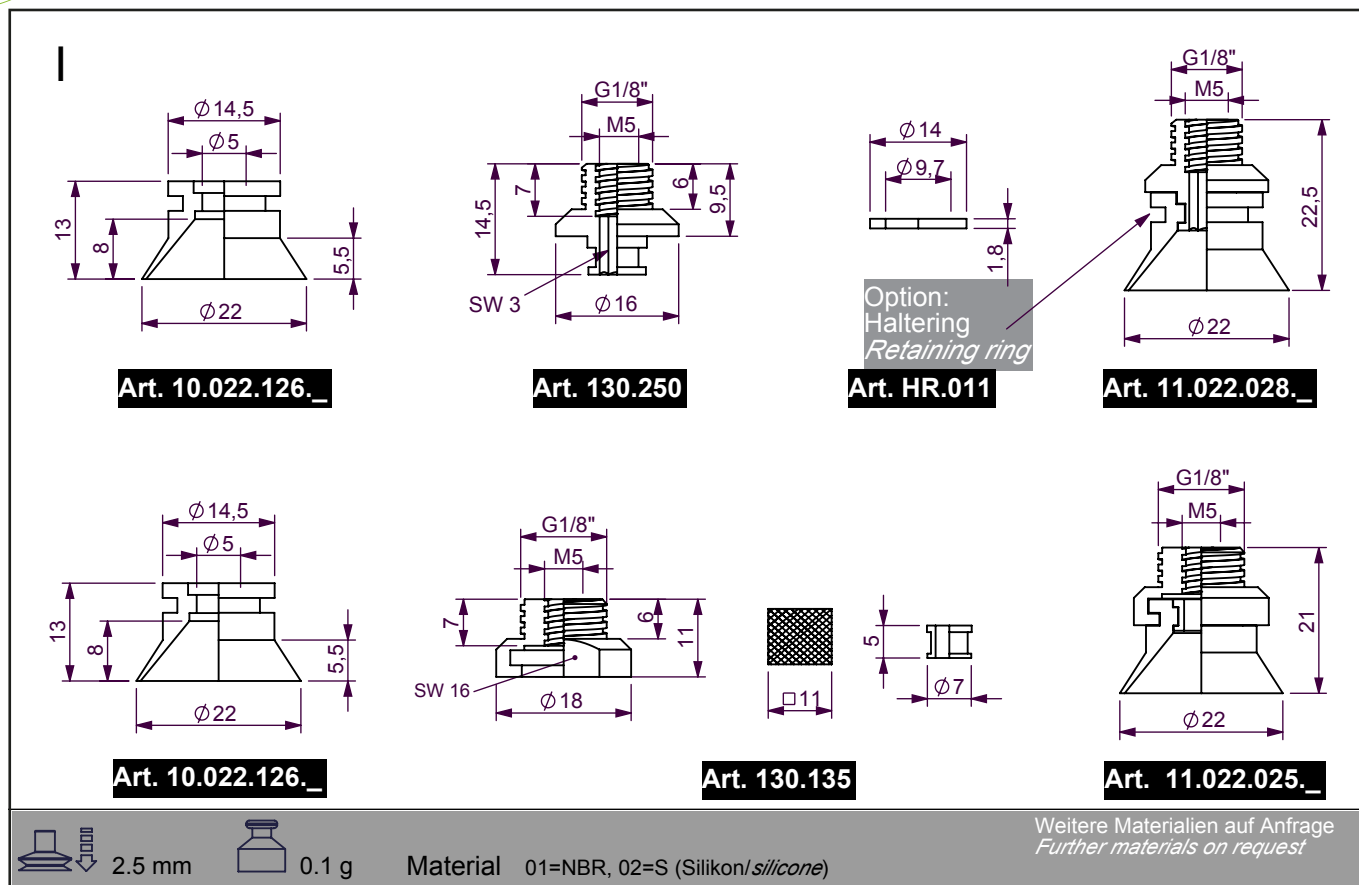
Vakuumsauger Vacuum cups					Fitting						
VAC Art.	ØD	H	H2	H3	ØF	G	□H	ØJ	K	L	M
10.022.005._	22	8	16	---	7	5	11	18	11	M5	G1/8"
10.028.098._	28	9	17	---	7	5	11	18	11	M5	G1/8"
10.032.022._	32	10	18	20	7	5	11	18	11	M5	G1/8"
10.042.099._	42	13	21	23	10	7	15	23	13	G1/8"	---
10.053.100._	53	17.5	26	28	14	9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

Abmessungen in mm | Dimensions in mm

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

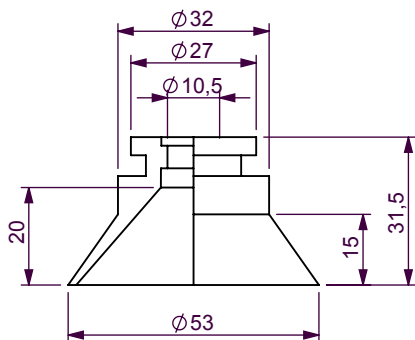
 Material 01=NBR, 02=S (Silikon) *silicone*

 Weitere Materialien auf Anfrage
 Further materials on request

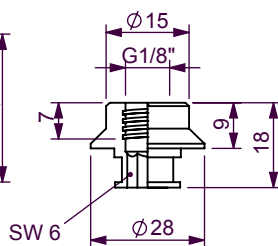


VAC

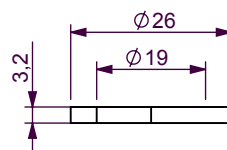
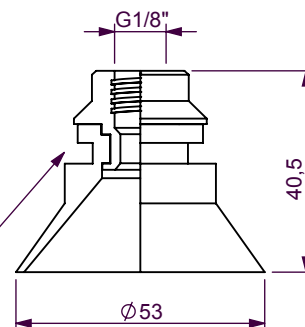
Fitting

Zubehör
AccessoriesKomplett
Complete

Art. 10.053.128._



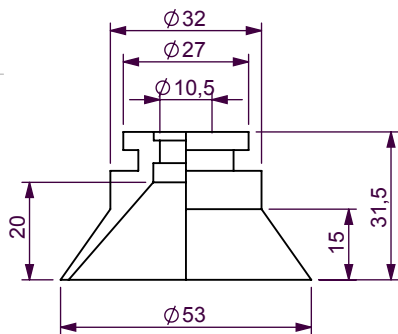
Art. 130.252

Option:
Haltering
Retaining ring
HR.013

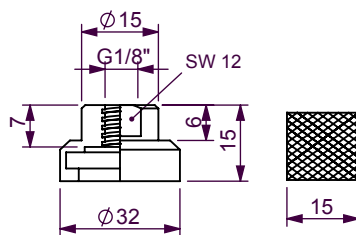
Art. 11.053.030._

VAC

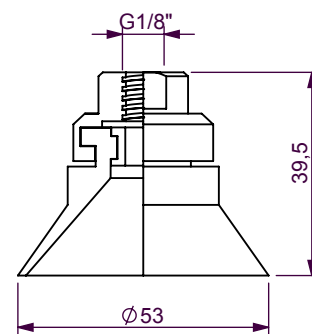
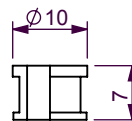
Fitting

Komplett
Complete

Art. 10.053.128._



Art. 130.137



Art. 11.053.027._

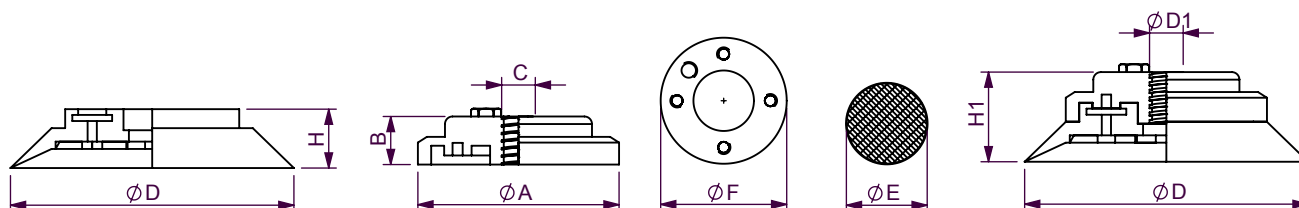

 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

 Weitere Materialien auf Anfrage
 Further materials on request

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

VAC

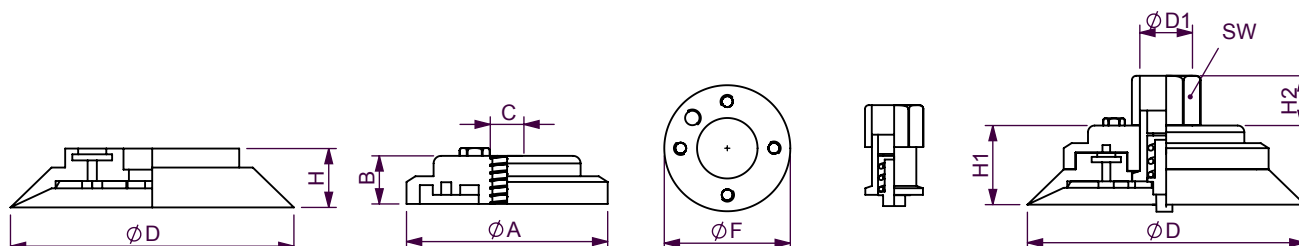
Fitting

Komplett
Complete

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

VAC

Fitting

Tastventil
Plunger valveKomplett
Complete

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

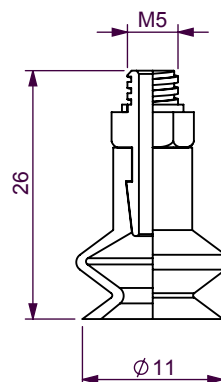
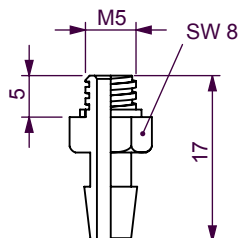
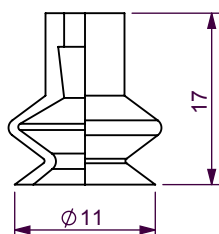
Vakuumsauger / Vacuum cups						Fitting					
VAC Art.	Ø D	Ø D1	H	H1	H2	Ø A	B	C	Ø E	Ø F	SW
10.075.117._	75	G1/8"	14	20	17	60	12	G1/8"	15	50	14
10.110.118._	110	G1/2"	19	26	32	85	13	G1/2"	30	74	30
10.150.119._	150	G1/2"	25	32	32	120	14	G1/2"	30	100	30

Abmessungen in mm / Dimensions in mm

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

Weitere Materialien auf Anfrage
Further materials on request

I



Art. 210.011.001._

Art. 130.134

Art. 212.011.011._



5.0 mm

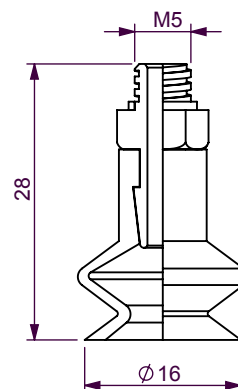
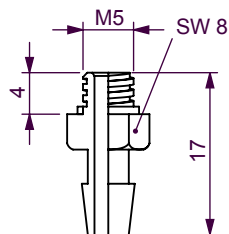
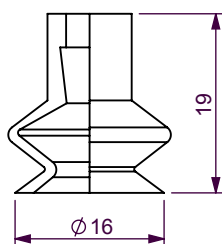


1,0 g

Material NBR, S, PUR

Weitere Materialien auf Anfrage
 Further materials on request

II



Art. 210.016.030._

Art. 130.134

Art. 212.016.012._



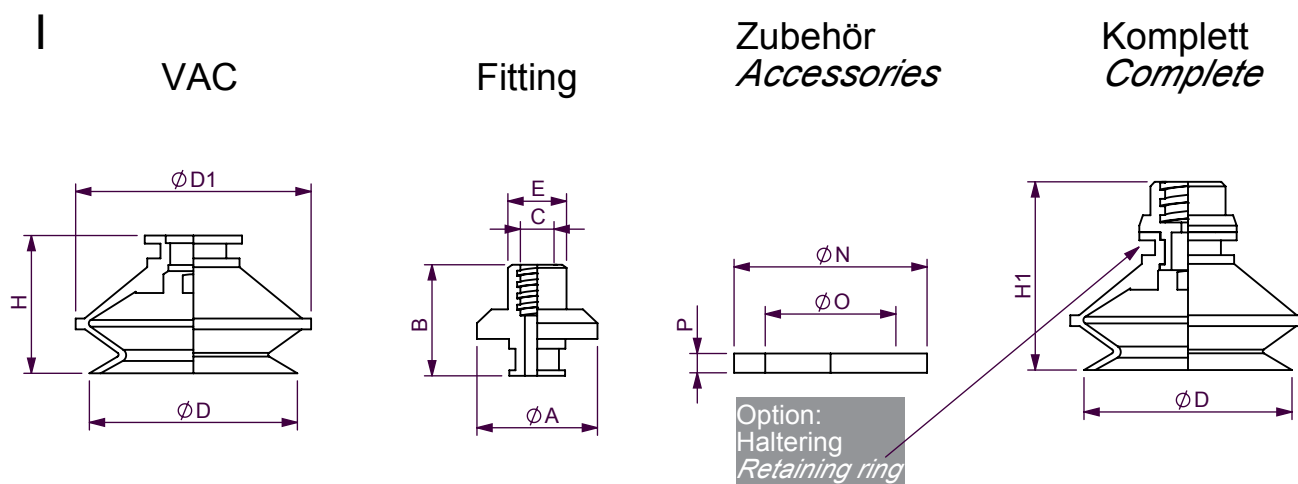
7,0 mm



1,4 g

Material S, PUR, CR

Weitere Materialien auf Anfrage
 Further materials on request



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

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

Abmessungen in mm / Dimensions in mm

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

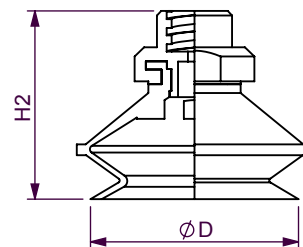
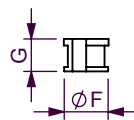
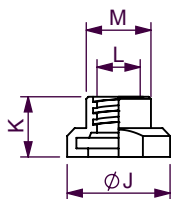
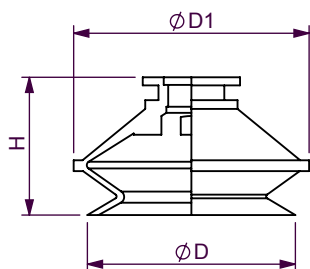
 Weitere Materialien auf Anfrage
 Further materials on request

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

II

VAC

Fitting

Komplett
Complete

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

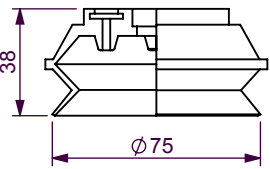
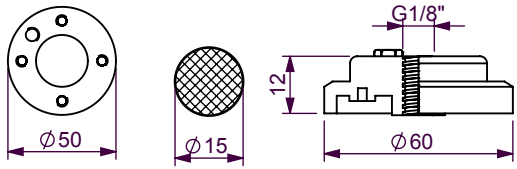
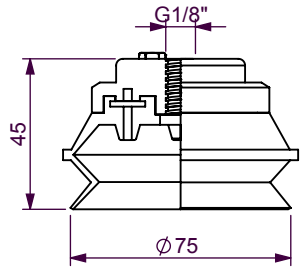
Vakuumsauger Vacuum cups					Fitting						
VAC Art.	Ø D	Ø D1	H	H2	Ø F	G	□ H	Ø J	K	L	M
210.020.031._	21.5	24	20	26.5	7	5	11	18	11	M5	G1/8"
210.033.019._	33	36	26	34.5	7	5	11	18	11	M5	G1/8"
210.042.020._	42	46	28	35.0	10	7	15	23	13	G1/8"	---
210.052.032._	52	58	35	43.0	14	9	21	32	15	G1/8"	---

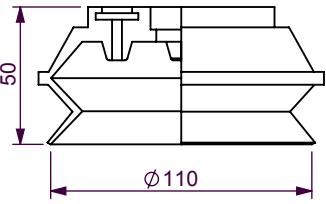
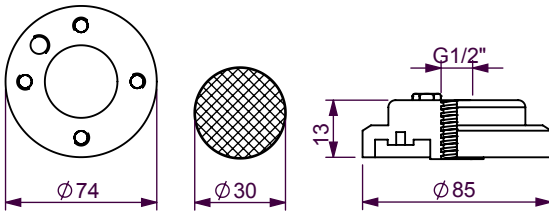
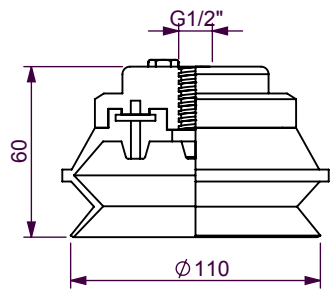
Abmessungen in mm / Dimensions in mm

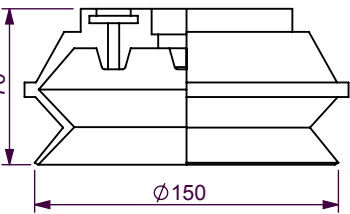
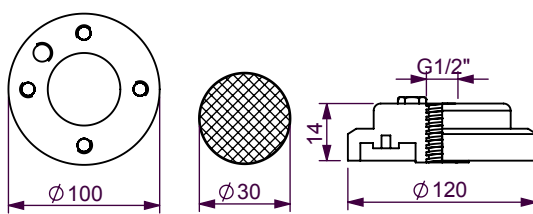
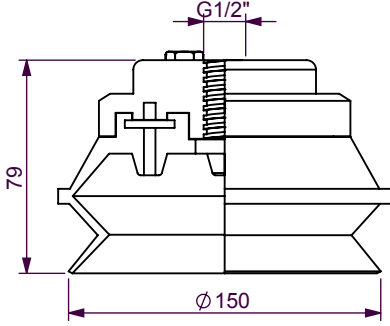
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

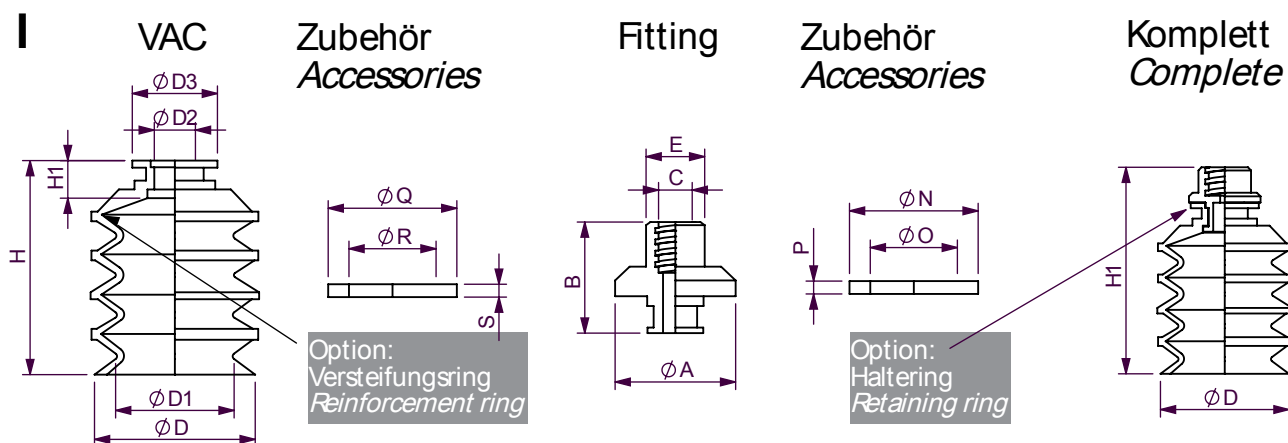
 Weitere Materialien auf Anfrage
 Further materials on request

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

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

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

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



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

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

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

Abmessungen in mm / Dimensions in mm

Art. bei Bestellung mit angegebenem Material ergänzen

When ordering add indicated material

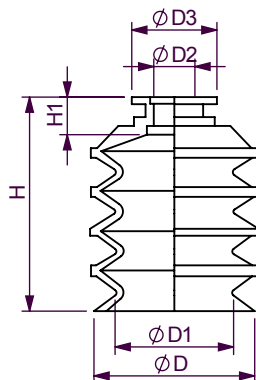
Material 02=S (Silikon/silicone), 04=CR (Chloropren/chloroprene)

Weitere Materialien auf Anfrage

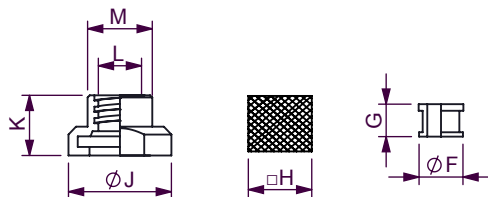
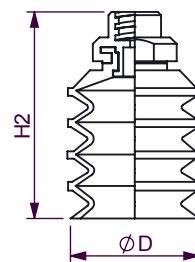
Further materials on request

II

VAC



Fitting

Komplett
Complete

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

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

Abmessungen in mm / Dimensions in mm

Art. bei Bestellung mit angegebenem Material ergänzen

When ordering add indicated material

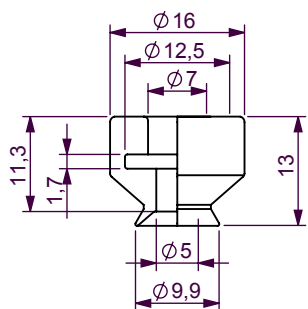
Material 02=S (Silikon/silicone), 04=CR (Chloropren/chloroprene)

Weitere Materialien auf Anfrage

Further materials on request

Flachsauger Ø10 – Ø40 mm VAC Reihe "M"

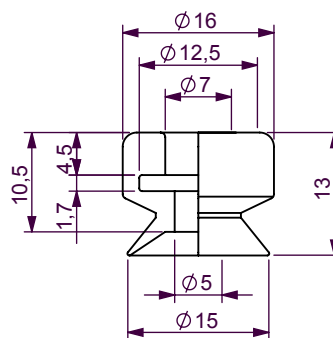
für Maschinen in der Bedruckungstechnik, Verpackungs- u. Kunststoffindustrie

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

Art. 10.010.584._

1,7 g

S(tr)

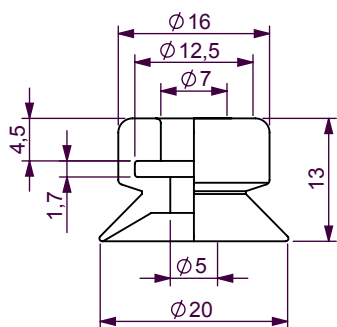

1,5 mm


Art. 10.015.585._

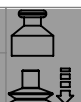
1,9 g

S(tr)

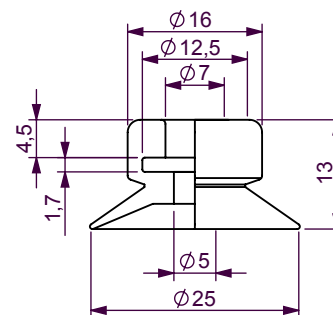

3,5 mm


Art. 10.020.586._

2,0 g

S (tr)


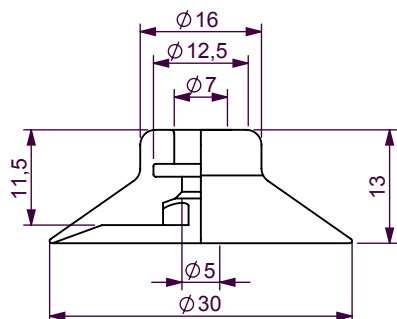
3,5 mm


Art. 10.025.587._

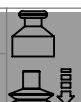
2,2 g

NBR (sw)

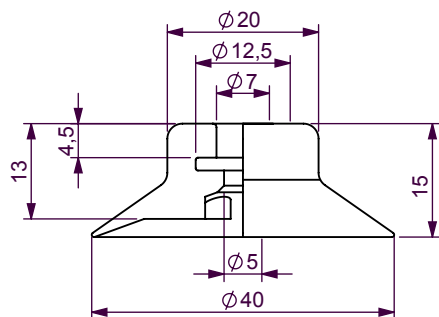

3,0 mm


Art. 10.030.590._

3,0 g

NBR (sw), S (tr)


1,5 mm



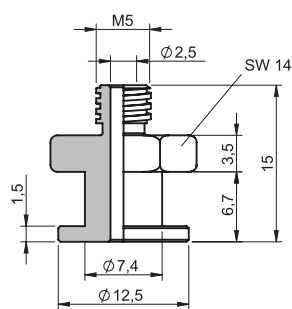
Art. 10.040.591._

NBR (sw), S (tr)

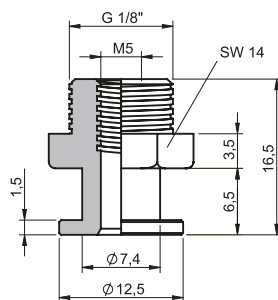


5,9 g

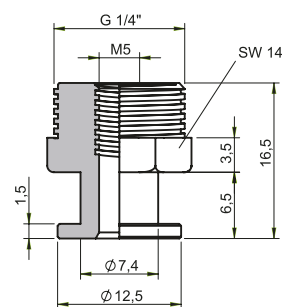
2,0 mm



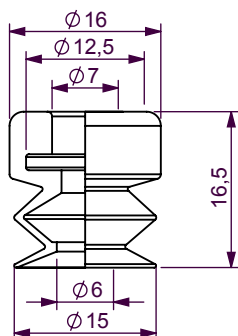
Art. 130.604



Art. 130.605



Art. 130.606



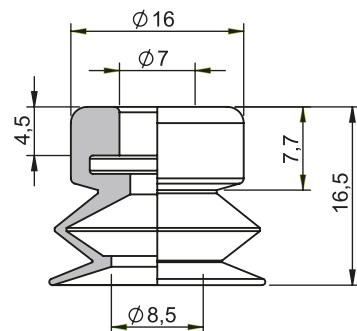
Art . 210.015.143._



1,8 gr

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

6,5 mm



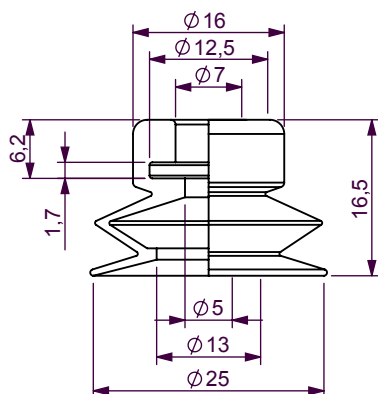
Art . 210.020.185._



1,9 gr

S (tr)

6,0 mm



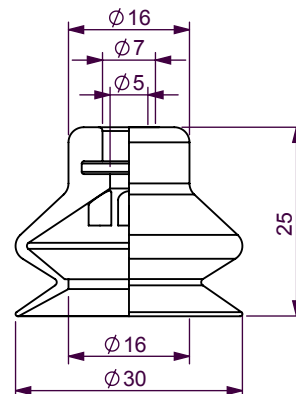
Art . 210.025.144._



2,5 gr

S (tr)

5,5 mm



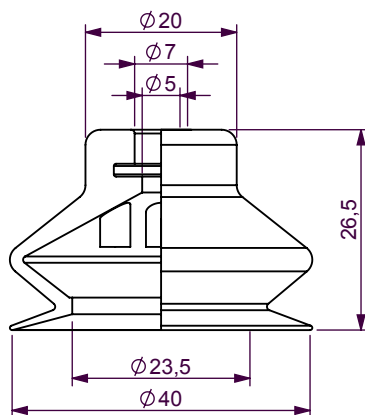
Art . 210.030.146._



5,2 gr

S (tr)

10,0 mm



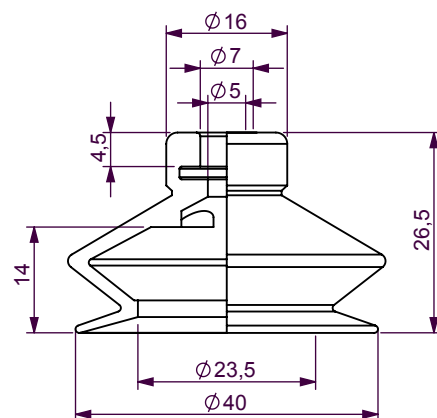
Art . 210.040.147._



15,0 gr

S (tr)

9,0 mm



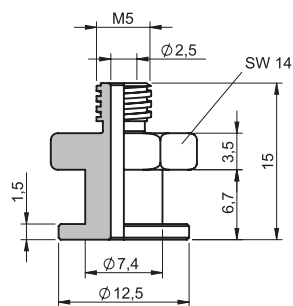
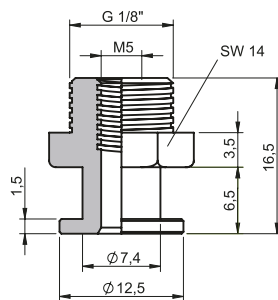
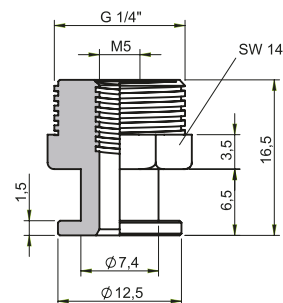
Art . 210.040.148._



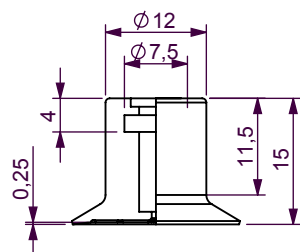
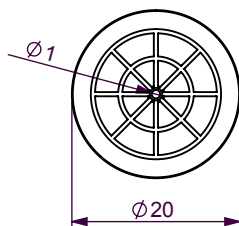
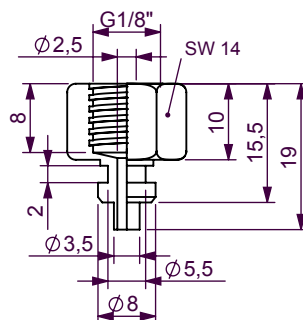
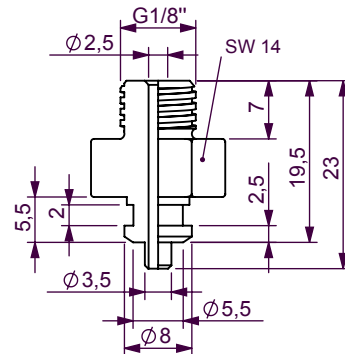
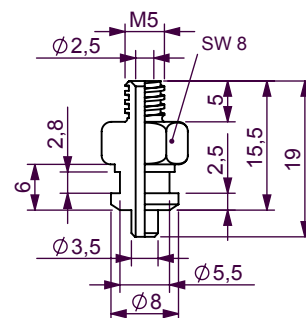
13,0 gr

S (tr)

12,0 mm


Art. 130.604

Art. 130.605

Art. 130.606

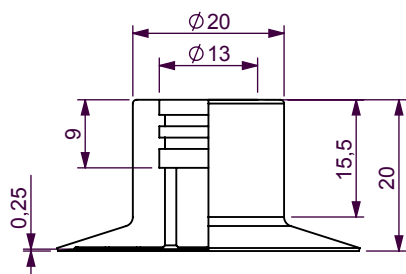
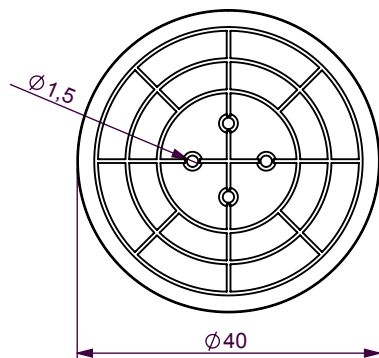
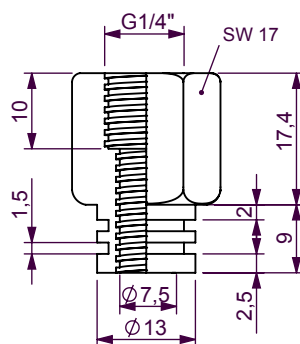
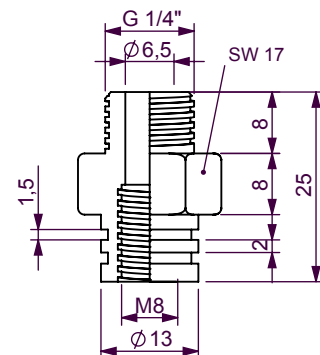
Solarzellen (Dicke < 0,2 mm), Siliziumscheiben, Halbleiter, Dünnstglas, Folien, usw.
 Solar cells (thickness < 0,2 mm), silicium wafer, semiconductor, thinnest glass, foils, etc.


Art. 10.020.626._

Art. 130.086

Art. 130.085

Art. 130.037

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

Material Naturgummi 40° shore / Natural rubber 40° shore

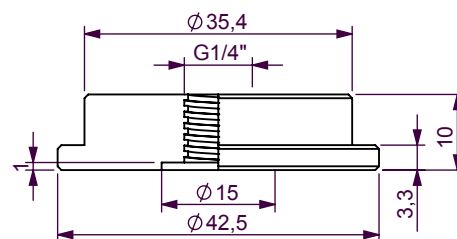
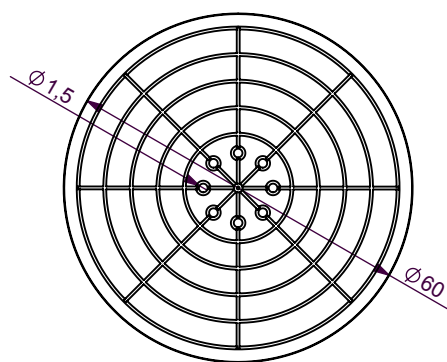
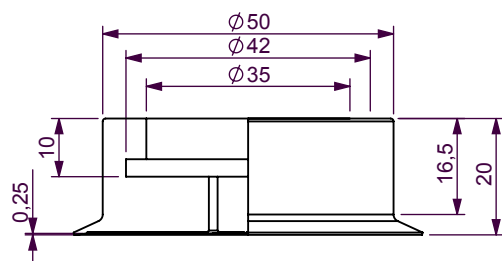
Weitere Materialien auf Anfrage
 Further materials on request


Art. 10.040.627._

Art. 130.098

Art. 130.097

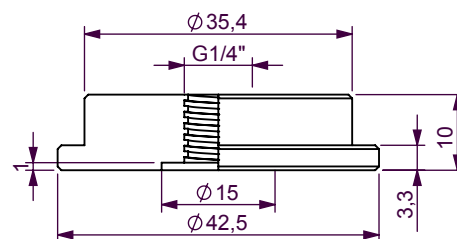
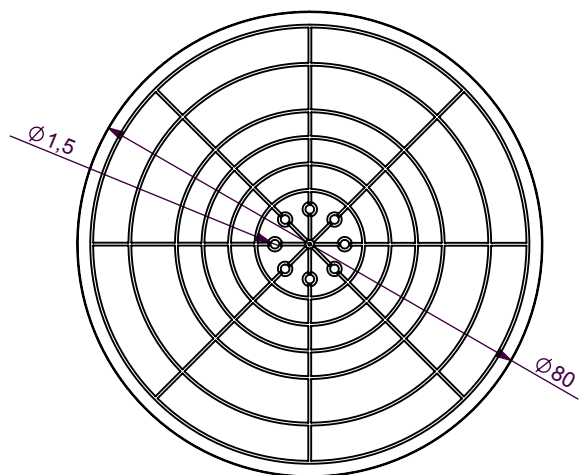
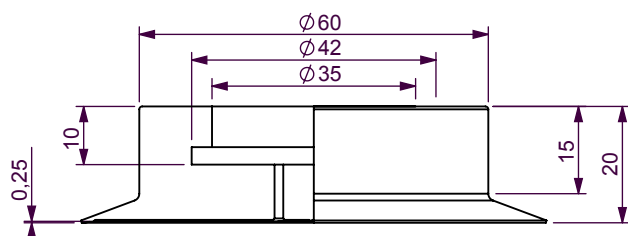
*Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material Naturgummi 40° shore / Natural rubber 40° shore

*Weitere Materialien auf Anfrage
 Further materials on request

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

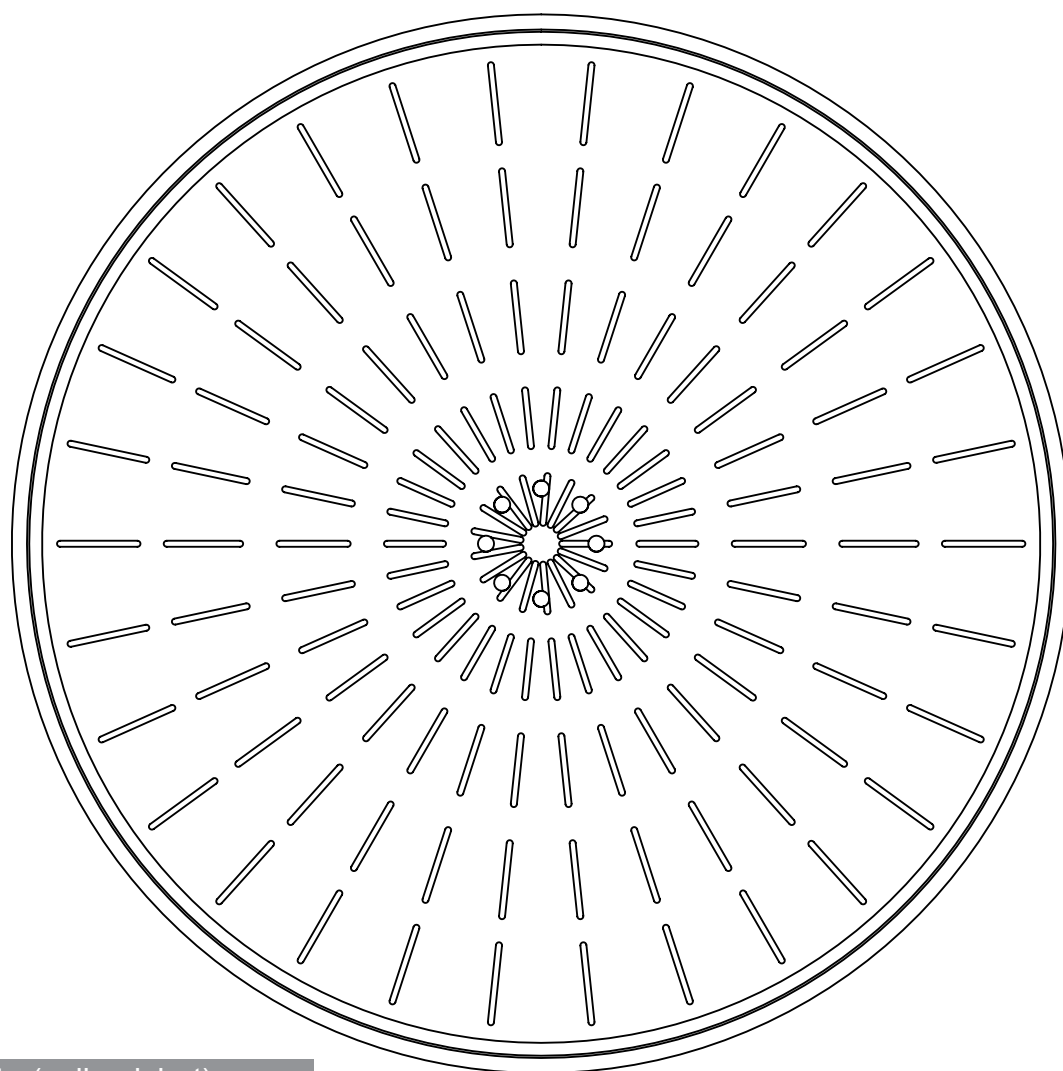
 Weitere Materialien auf Anfrage
 Further materials on request

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

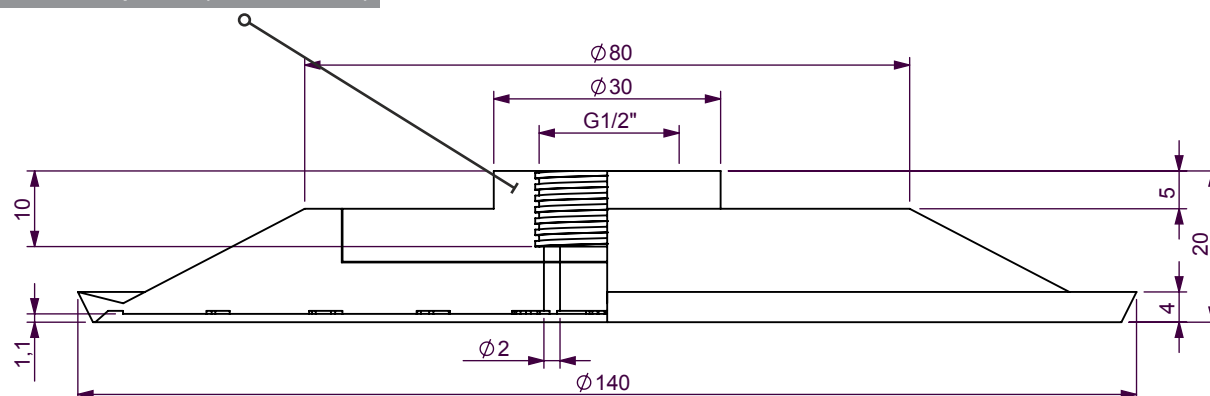
 Weitere Materialien auf Anfrage
 Further materials on request

Material Naturgummi 40° shore / Natural rubber 40° shore

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



Aluplatte (vulkanisiert)
 Aluminium plate (vulcanised)

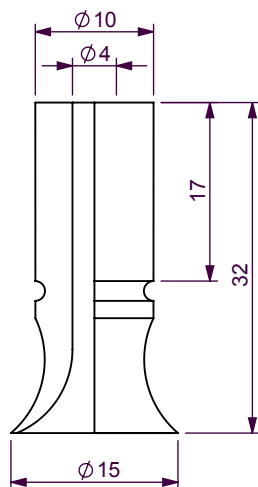
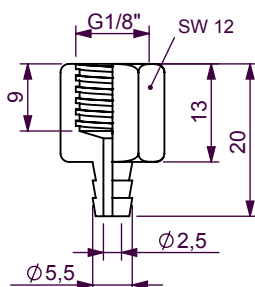
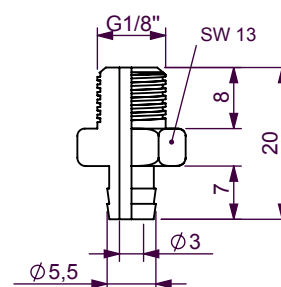
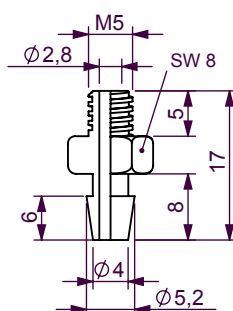
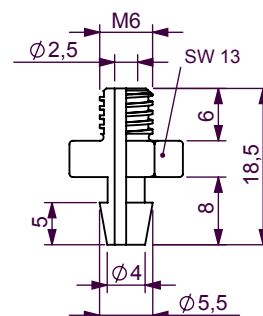


Art. 13.140.064._

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

Weitere Materialien auf Anfrage
 Further materials on request

Material Naturgummi 40° shore / Natural rubber 40° shore

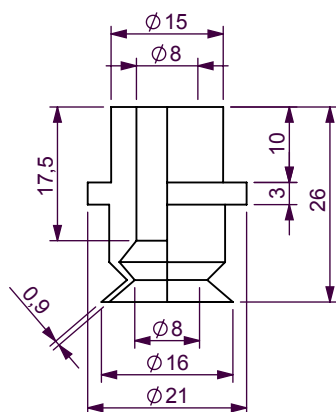
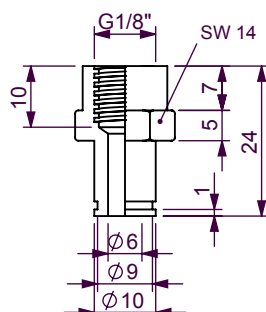
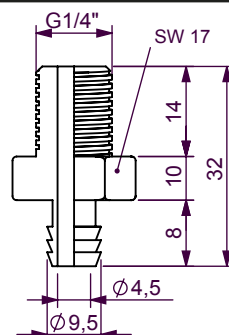
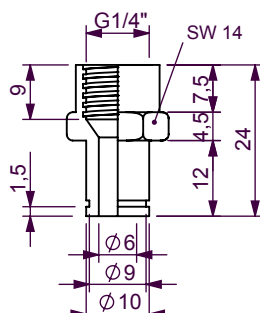
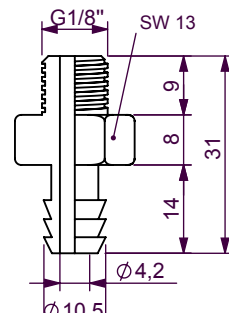
**Art. 10.015.114._****Art. 130.035****Art. 130.033****Art. 130.134****Art. 130.104**

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

Material NR-Soft (br)

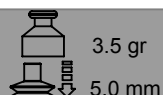


Weitere Materialien auf Anfrage
 Further materials on request

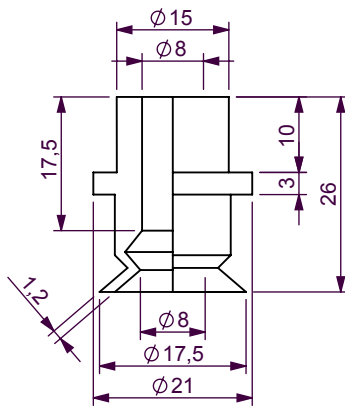
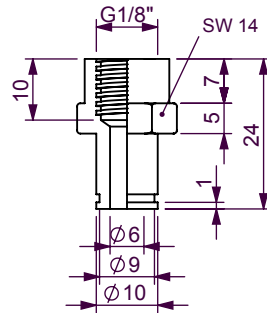
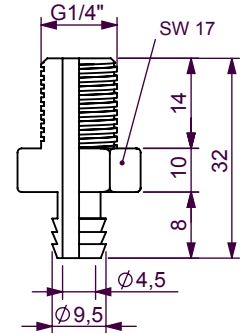
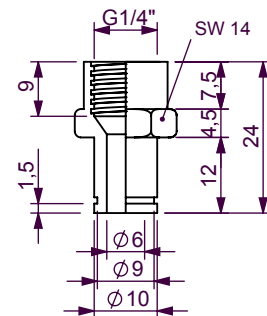
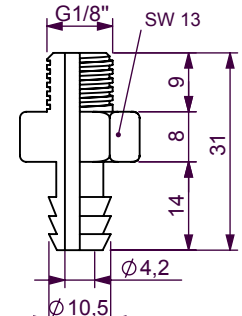
**Art. 10.016.091._****Art. 130.114****Art. 130.043****Art. 130.178****Art. 130.132**

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

Material S(tr)



Weitere Materialien auf Anfrage
 Further materials on request

**Art. 10.016.092._****Art. 130.114****Art. 130.043****Art. 130.178****Art. 130.132**

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

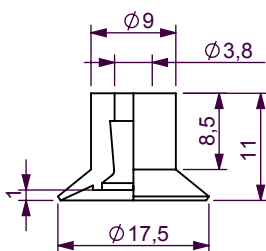
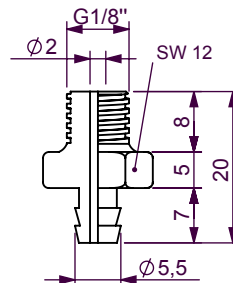
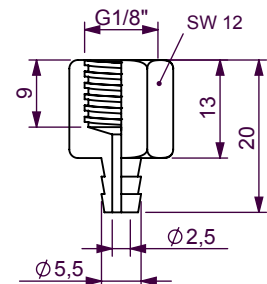
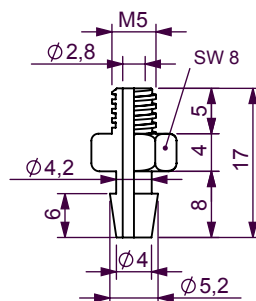
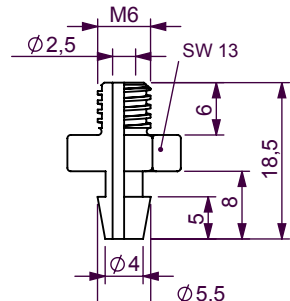
Material S(tr)



3.5 gr

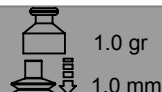
5.0 mm

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

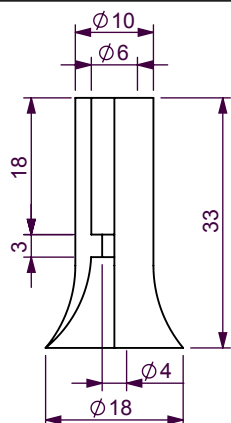
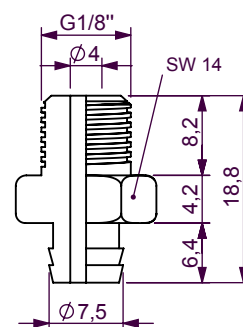
Material NR (sw)



1.0 gr

1.0 mm

Weitere Materialien auf Anfrage
 Further materials on request

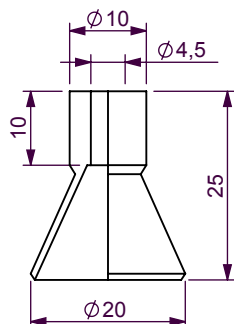
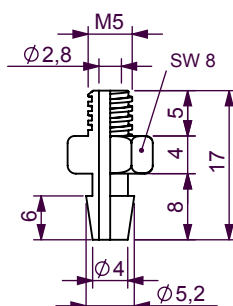
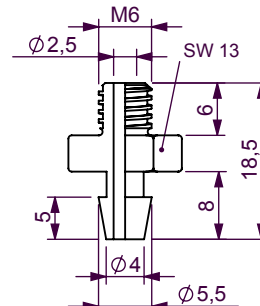

Art. 10.018.088._

Art. 130.238

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

Material S(tr) 50 Shore


1.3 gr

0.0 mm

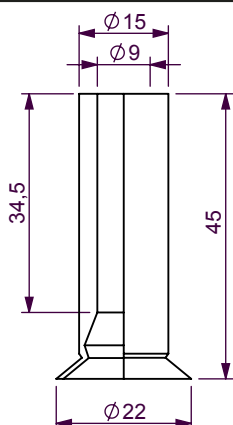
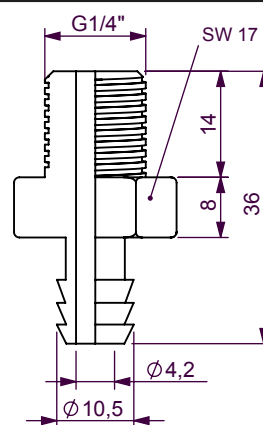
 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.020.297._

Art. 130.134

Art. 130.104

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

Material NR (sw), S(w)


1.0 gr

0.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.022.308._

Art. 130.208

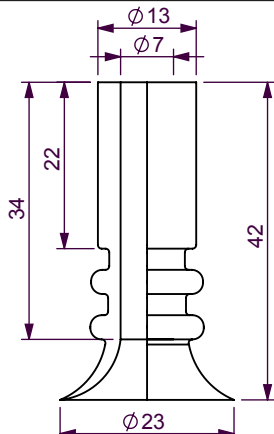
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material NR (sw)


5.2 gr

6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

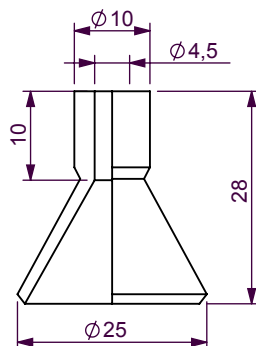
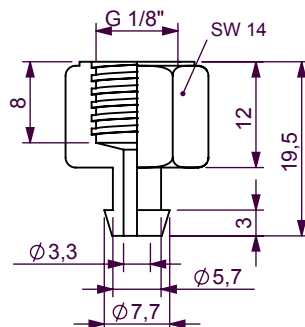
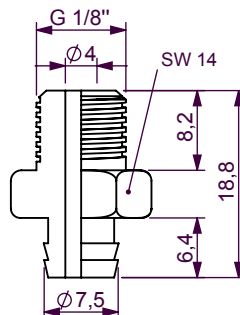
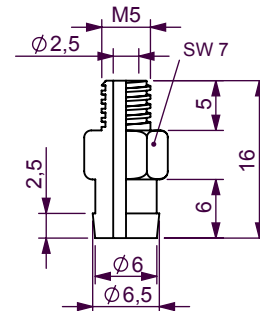
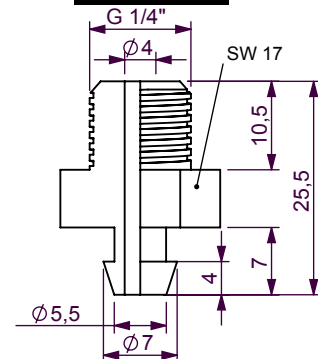

Art. 10.023.612._

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

Material S (tr)


5.0 gr

1.5 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.025.361._

Art. 130.109

Art. 130.238

Art. 130.013

Art. 130.194

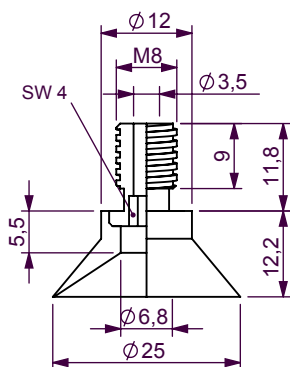
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material NR (sw), S(tr)


1.6 gr

0.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

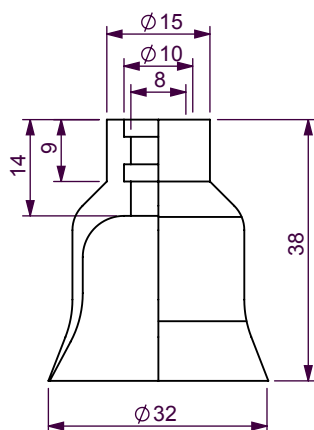

Art. 14.025.037._

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

Material S (w)


5.0 gr

5.0 mm

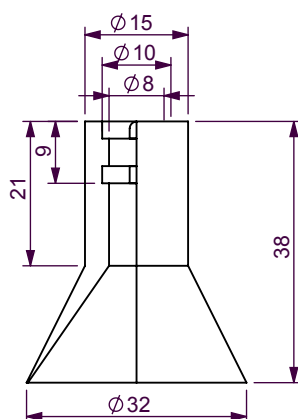
 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.033.578._

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

Material S (tr)


6.0 gr

6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 10.033.579._

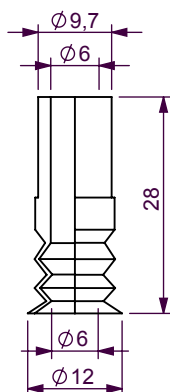
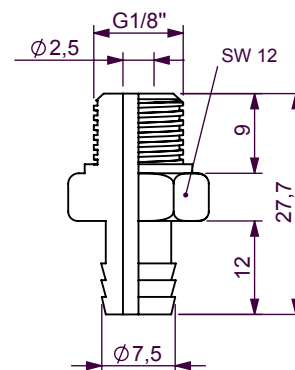
 Art. bei Bestellung mit angegebenem Material ergänzen
 When ordering add indicated material

Material S (tr)


7.0 gr

0.0 mm

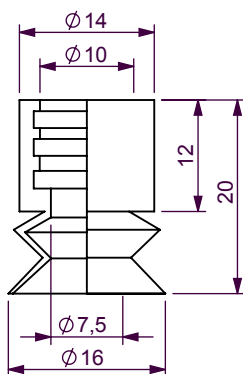
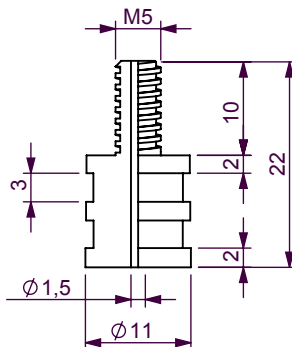
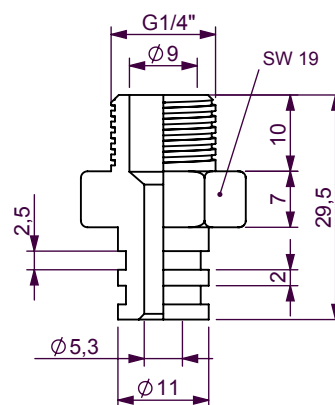
 Weitere Materialien auf Anfrage
 Further materials on request


Art. 220.012.024._

Art. 130.546

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

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

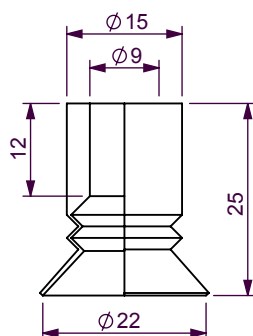
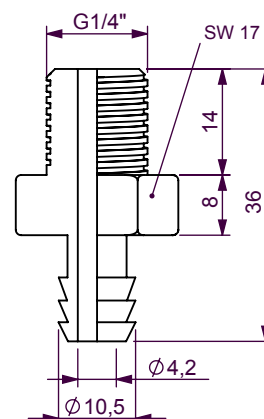
 1.2 gr
 6.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

Art. 210.016.063._

Art. 130.244

Art. 130.193

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

Material S (tr), S (r)

 1.6 gr
 6.0 mm

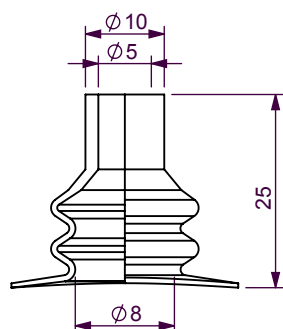
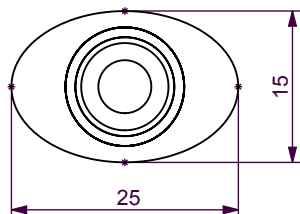
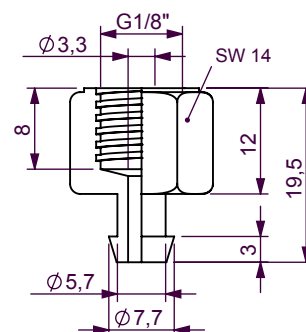
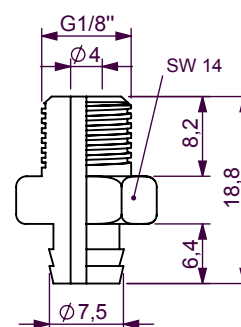
 Weitere Materialien auf Anfrage
 Further materials on request

Art. 210.022.142._

Art. 130.208

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

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

 2.0 gr
 8.0 mm

 Weitere Materialien auf Anfrage
 Further materials on request

**Art. 40.025015.010._****Art. 130.109****Art. 130.238**

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

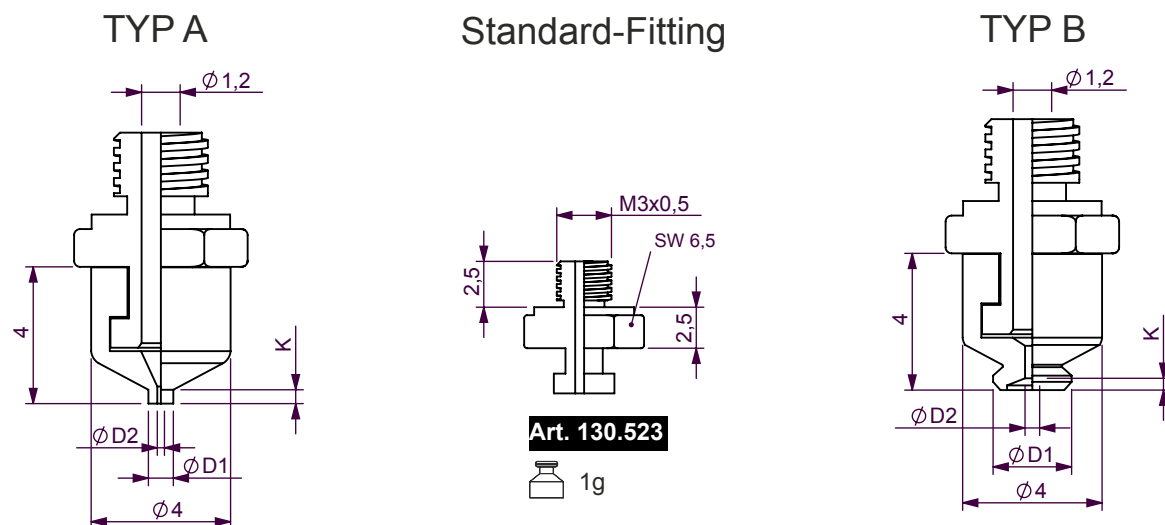
Material S-soft (tr)



2.7 gr

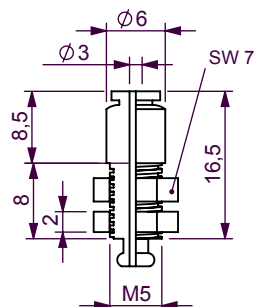
10.0 mm

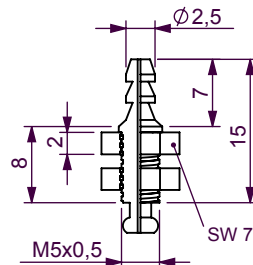
Weitere Materialien auf Anfrage
 Further materials on request

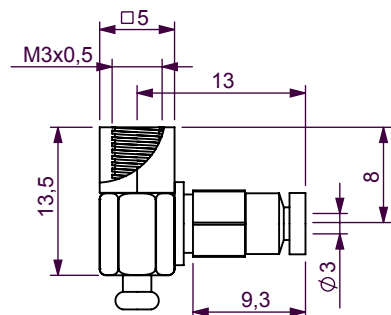


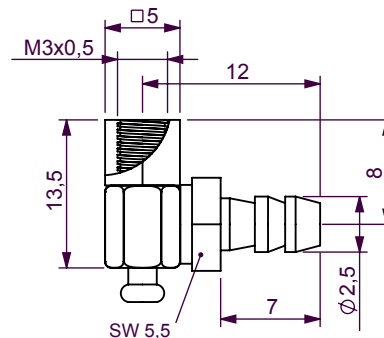
TYP	Art.	Ø D1	Ø D2	K		Material	Verpackungseinheit Packaging unit
A	10.001.631._	0.7	0.2	0.4	1g	NBR (schwarz)	10 Stück 10 pieces
A	10.001.632._	1	0.4	0.4	1g	Silikon (transparent)	
A	10.002.633._	1.5	0.7	0.4	1g	Silikon antistatisch (schwarz)	
B	10.002.634._	2	0.6	0.2	1g	Nitrile rubber (black)	
B	10.003.635._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

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

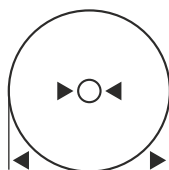
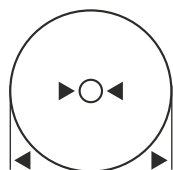

 Art. 133.000  2g

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

 Art. 133.002  1,5g

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

 Art. 133.001  2g

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

 Art. 133.003  1,5g

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



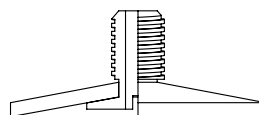
Art.	◀ Ø ▶ mm	▶ Ø ◀ mm	Art.	◀ Ø ▶ mm	▶ Ø ◀ mm
D.13.001.*	12,7	1,6	D.32.025.*	31,8	4,8
D.16.003.*	15,9	1,6	D.32.026.*	31,8	9,5
D.16.007.*	15,9	3,2	D.32.027.*	31,8	12,7
D.17.002.*	17,5	3,2	D.32.028.*	31,8	14,3
D.19.004.*	19,1	6,4	D.32.046.*	31,8	6,4
D.19.005.*	19,1	1,6	D.32.047.*	31,8	11,1
D.19.011.*	19,1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

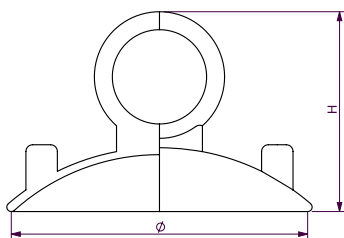
Verpackungseinheit 100 Stück / Packing unit 100 pc

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

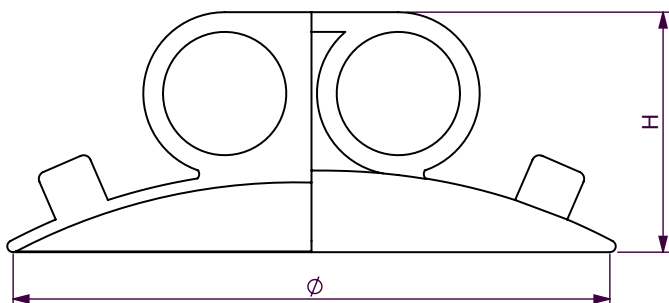

 Weitere Größen und Materialien
 auf Anfrage
*Other dimensions and materials
 on request*

Dicke / Thickness





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



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

Einsatzbereiche

- Glas
- Holz
- Kunststoff
- Blech
- Keramik

Vorteile

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

Operating ranges

- Glass
- Wood
- Plastics
- Metal sheet
- Ceramic

Advantages

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