

Benennung	Appellation	Größe Länge x Breite in mm <i>Size length x width in mm</i>	Seite/ <i>page</i>
Ovalsauger Serie "VPA"	<i>Oval Suction Cups Series "VPA"</i>	4 x 2 - 30 x 8	4.002
Ovalsauger Serie "Pharma"	<i>Oval Suction Cups Series "Dividella"</i>	20 x 5 - 30 x 9	4.003
Rechtecksauger „Pharma“	<i>Rectangular Suction Cups „Dividella“</i>	54 x 49	4.004
Ovalsauger Serie "MF-OVI"	<i>Oval Suction Cups Series "MF-OVI"</i>	10 x 3 - 36 x 12	4.005
Ovalsauger Serie "MF-OVI"	<i>Oval Suction Cups Series "MF-OVI"</i>	45 x 15 - 100 x 35	4.006
Ovalsauger Serie "MF-OV2"	<i>Oval Suction Cups Series "MF-OV2"</i>	75 x 25 - 145 x 34	4.007
Ovalsauger Serie "MF-OV3"	<i>Oval Suction Cups Series "MF-OV3"</i>	53 x 18 - 145 x 72	4.008
Oval-Balgensauger Serie "MF-OVB1"	<i>Oval Bellows Suction Cups Series "MF-OVB1"</i>	25 x 8 - 75 x 25	4.009
Oval-Balgensauger Serie "MF-OVB2"	<i>Oval Bellows Suction Cups Series "MF-OVB2"</i>	35 x 19 - 45 x 28	4.010
Oval-Balgensauger Serie "MF-OVB3"	<i>Oval Bellows Suction Cups Series "MF-OVB3"</i>	50 x 25 - 100 x 40	4.011
Ovalsauger Serie "MF-B"	<i>Oval Suction Cups Series "MF-B"</i>	60 x 30 - 100 x 40	4.012
Ovalsauger Serie "MF-B"	<i>Oval Suction Cups Series "MF-B"</i>	150 x 40 - 200 x 30	4.013
Ovalsauger Serie "MF-B"	<i>Oval Suction Cups Series "MF-B"</i>	200 x 40 - 200 x 50	4.014
Ovalsauger Serie "MF-B"	<i>Oval Suction Cups Series "MF-B"</i>	300 x 30 - 300 x 40	4.015
Ovalsauger Serie "MF-B"	<i>Oval Suction Cups Series "MF-B"</i>	300 x 50 - 300 x 100	4.016
Ovalsauger Serie "MF-Z"	<i>Oval Suction Cups Series "MF-Z"</i>	200 x 35 - 300 x 35	4.017
Ovalsauger Serie "MF-Z"	<i>Oval Suction Cups Series "MF-Z"</i>	470 x 60	4.018
Ovalsauger Serie "Soap"	<i>Oval Suction Cups Series "Soap"</i>	66 x 46 - 81 x 53	4.019
Ovalsauger Serie "AM2-blau"	<i>Oval Suction Cups Series "AM2-blau"</i>	4 x 2 - 18 x 6	4.020
Ovalsauger Serie "AM2-blau"	<i>Oval Suction Cups Series "AM2-blau"</i>	24 x 8 - 90 x 30	4.021
Ovalsauger Serie "Moosgummi"	<i>Oval Suction Cups Series "Foam Rubber"</i>	106 x 26 - 207 x 47	4.022

Hinweis:

Unser gesamtes Sortiment finden Sie unter www.mf-automation.com

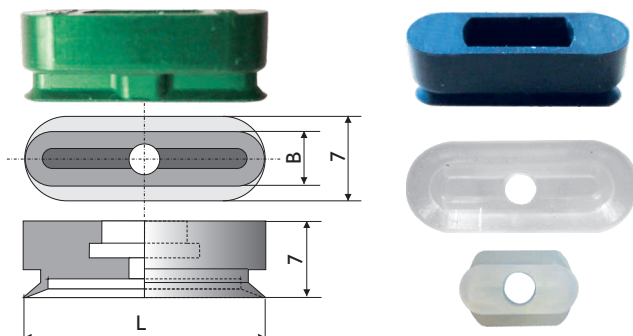
Note:

Our entire range can be found at www.mf-automation.com

Vakuumovalsauger Serie „VPA“ 4x2 - 30x8 mm

Oval Vacuum Suction Cups Series „VPA“ 4x2 - 30x8 mm

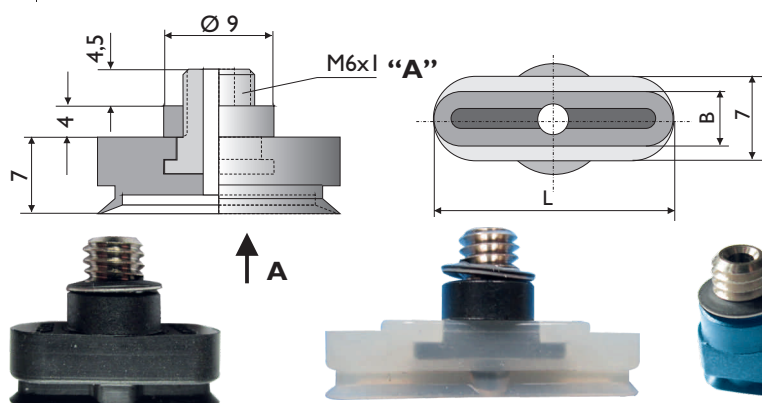
Ovalsauger ohne Anschlusssteil/Oval Suction Cups without fitting



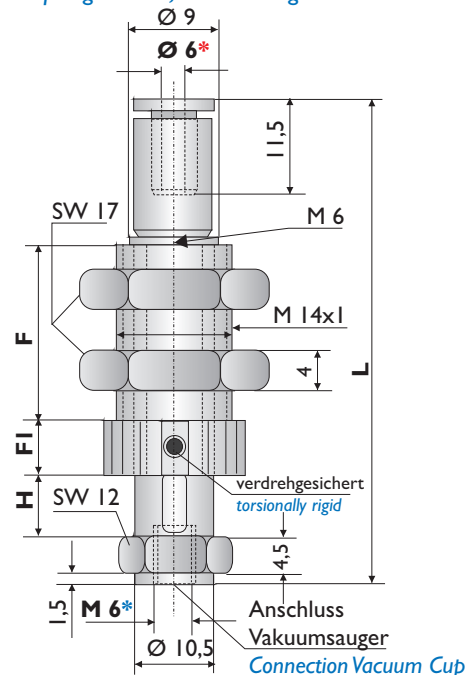
Ovalsauger mit Standard-Anschlusssteil AG M6 gesteckt Oval Suction Cups with standard fitting AG M6 plugged

Pos.	Art.No.	L mm	B mm	Hub/ Stroke mm	Gewicht/ Weight g
1	OV.010x004.001.*	10	4	1,0	2,0
2	OV.020x004.004.*	20	4	1,0	2,5
3	OV.030x004.008.*	30	4	1,0	3,0
4	OV.010x005.002.*	10	5	1,0	2,0
5	OV.020x005.005.*	20	5	1,0	2,5
6	OV.030x005.009.*	30	5	1,0	3,0
7	OV.010x006.003.*	10	6	1,0	2,0
8	OV.020x006.006.*	20	6	1,0	2,5
9	OV.030x006.010.*	30	6	1,0	3,0
10	OV.020x008.007.*	20	8	1,0	2,5
11	OV.030x008.011.*	30	8	1,0	3,0
12	OV.004x002.003	4	2	0,2	1,9
13	OV.007x004.003	7	3,5	0,4	1,9

* Ersatzhalter mit Außen-
gewinde M5:
Spare holder with male
thread M5:
Art. No.: AT.0339.M5
Art. No.: AT.0340.M5



Federstößel verdrehgesichert Spring Leveler, non-rotating



* auch mit Ø 4 mm und M4 lieferbar
* also with dia. 4 mm and M4 available

*Material	NBR Nitril	Silikon Silicone	Silikon antistatisch Silicone antistatic	FKM Fluorine	Polyurethan Polyurethane	Vinyl Vinyl
*Code	NBR	S	SAS	FKM	PU	V
Farbe Color	schwarz black	transparent	schwarz black	grau grey	blau blue	blau blue
Temperatur +/- 0° Temperature +/- 0°	-30 / +110	-40 / +180	-40 / +180	-10 / +230	-20 / +60	-20 / +85
Ölbeständigkeit Oil resistance	sehr gut very good	gut good	gut good	sehr gut very good	gut good	sehr gut very good
Säurebeständigkeit Acid resistance	gut good	gut good	gut good	sehr gut very good	nein no	zufriedenstellend satisfactory
Abdruckfreiheit Antimarking	gut good	gut good	gut good	sehr gut very good	gut good	gut good
Verschleißfestigkeit Wear resistance	gut good	gut good	gut good	gut good	sehr gut very good	sehr gut very good

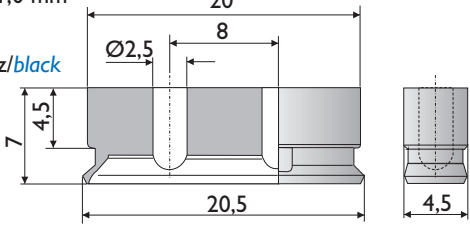
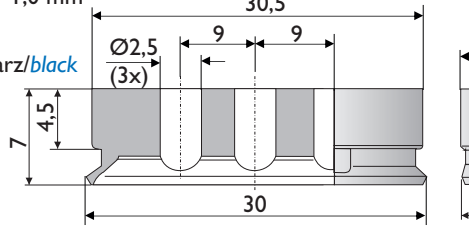
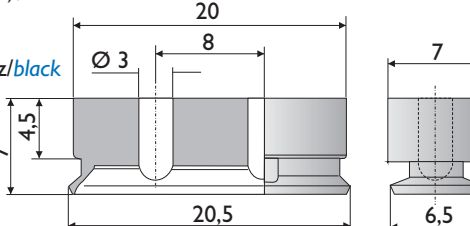
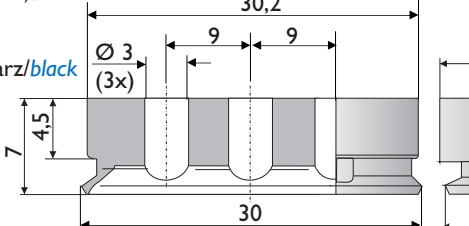
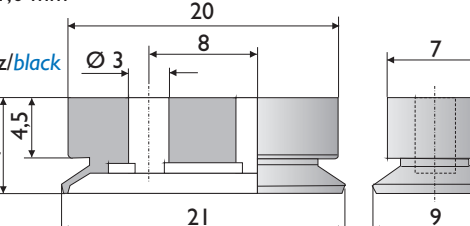
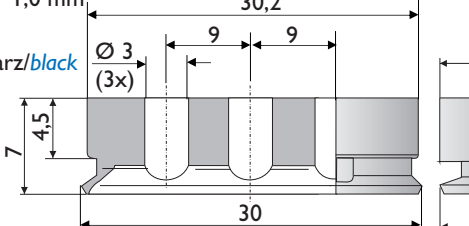
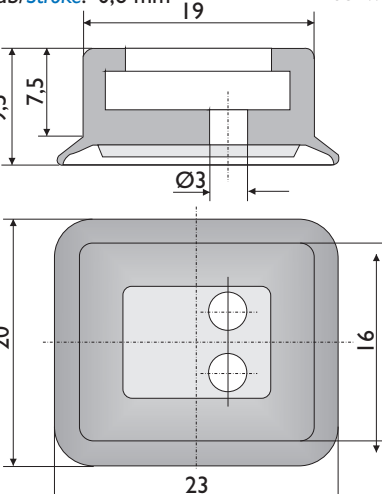
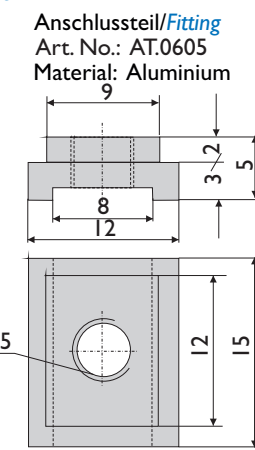
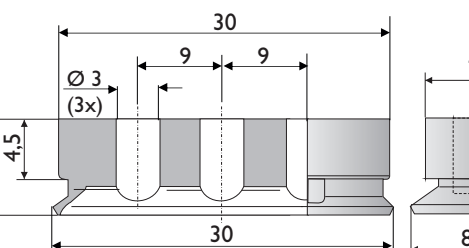
Art. No.	L	Hub/ Stroke H	F	FI	Gewicht/ Weight g
FST.0031.V	59	10	20	8	40
FST.0032.V	69	15	25	8	44
FST.0033.V	85	20	34	10	50

Hinweis: Spezialanschlüsse und weitere Feder-
stößel (verdrehgesichert) auf Anfrage.

Note: Special fittings and other spring leverlers
(non-rotating) on request.

Vakuumovalsauger Serie „Pharma“ 20x5 - 30x9 mm

Oval Vacuum Suction Cups Series „Pharma“ 20x5 - 30x9 mm

<p>Art. No.: OV.020x005.001.* (Pharma) Gewicht/Weight: 0,4 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 	<p>Art. No.: OV.030x005.001.* (Pharma) Gewicht/Weight: 0,8 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 
<p>Art. No.: OV.020x007.001.* (Pharma) Gewicht/Weight: 0,5 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 	<p>Art. No.: OV.030x006.001.* (Pharma) Gewicht/Weight: 1,1 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 
<p>Art. No.: OV.020x009.001.* (Pharma) Gewicht/Weight: 0,6 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 	<p>Art. No.: OV.030x007.001.* (Pharma) Gewicht/Weight: 1,1 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 
<p>Art. No.: RS.023x020.001.* (Pharma) Gewicht/Weight: 2,0 g Hub/Stroke: 0,6 mm Material: NBR schwarz/black</p>  <p>Anschlusssteil/Fitting Art. No.: AT.0605 Material: Aluminium</p>  <p>M 5</p> <p>Lieferung mit Filtersieb/ Delivery with filter sieve</p>	<p>Art. No.: OV.030x009.001.* (Pharma) Gewicht/Weight: 1,2 g Hub/Stroke: 1,0 mm Material: NBR schwarz/black</p> 

Vakuumrechtecksauger Serie „Pharma“ 54x49 mm

Rectangular Vacuum Suction Cups Series „Pharma“ 54x49 mm

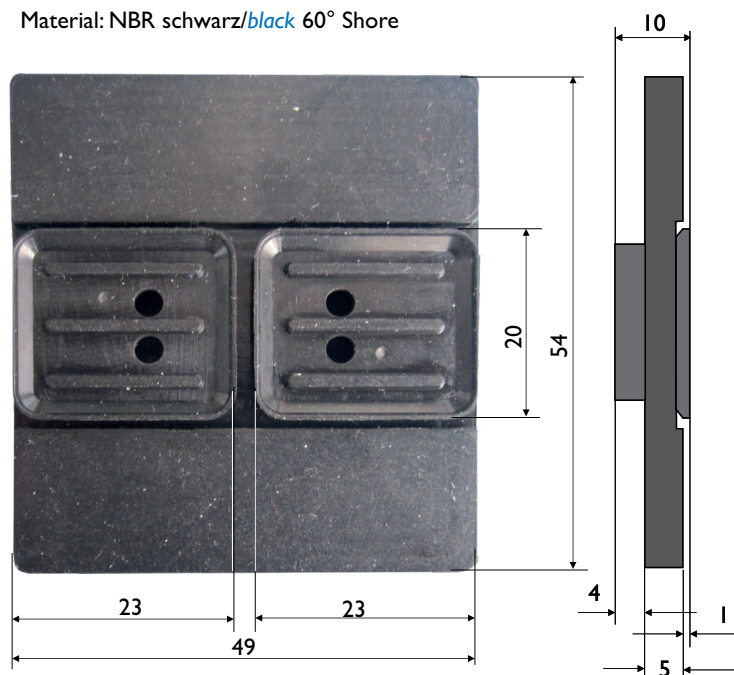
Zweifach-Saugplatte/*double suction plate*

Art. No.: RS.054x049.2.*

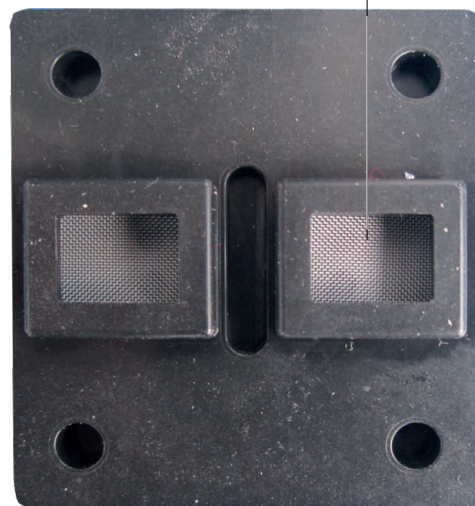
Gewicht/*Weight*: 15 g

Hub/*Stroke*: 0,6 mm

Material: NBR schwarz/*black* 60° Shore



Lieferung mit Filtersieb/
delivery with filter sieve



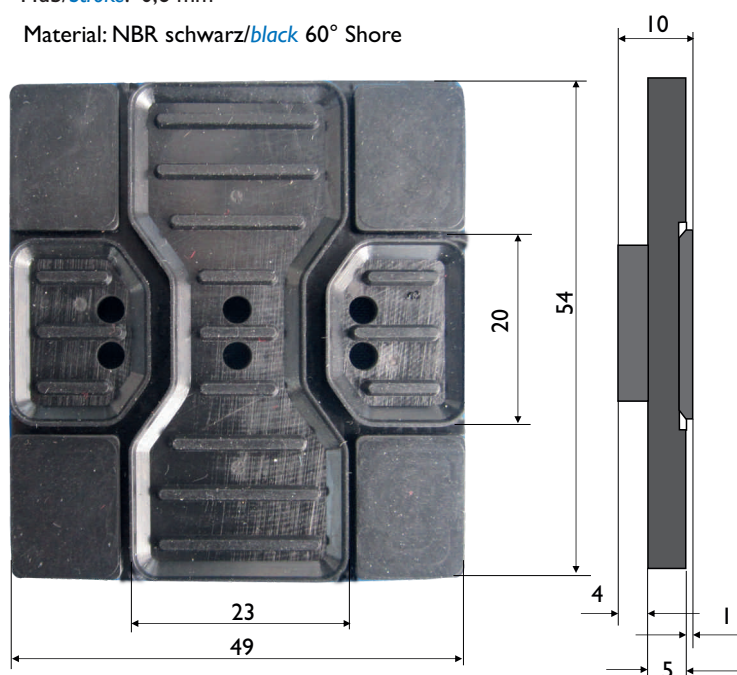
Dreifach-Saugplatte/*triple suction plate*

Art. No.: RS.054x049.3.*

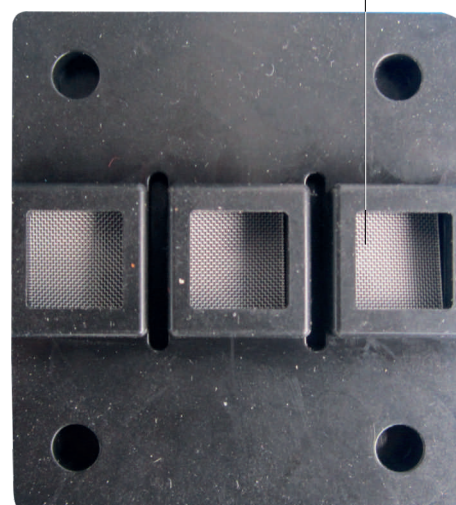
Gewicht/*Weight*: 15 g

Hub/*Stroke*: 0,6 mm

Material: NBR schwarz/*black* 60° Shore



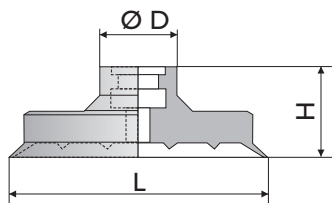
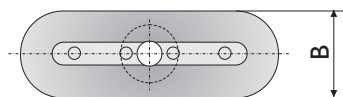
Lieferung mit Filtersieb/
delivery with filter sieve



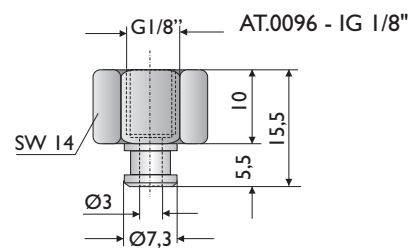
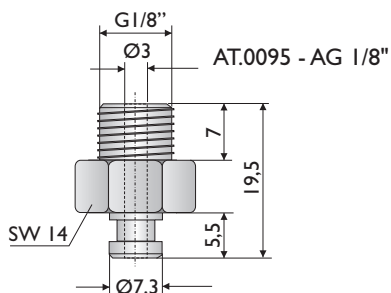
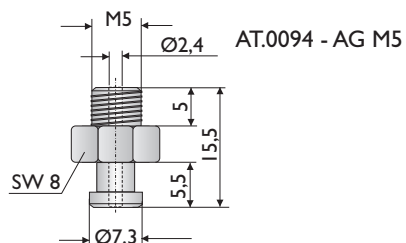
Vakuuovalsauger Serie „MF-OVI“ 10x3 - 36x12 mm

Oval Vacuum Suction Cups Series „MF-OVI“ 10x3 - 36x12 mm

Saugfläche/suction surface 10x3 - 18x6 mm



Anschlusssteile/Fittings



Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g
OV.010x003.001.*	10	3	12	Ø 8	0,8	0,4
x)OV.015x005.002.*	15	5	12	Ø 8	1,0	0,5
OV.018x006.003.*	18	6	12	Ø 8	1,2	0,7

x) OV.015x005.002.Str/12 H = 11,5 mm, D = Ø 9,5 mm
OV.015x005.002.NBR/12 H = 11,5 mm, D = Ø 9,5 mm

* Material:

NBR schwarz/black
Silikon transparent
Silikon rot/red

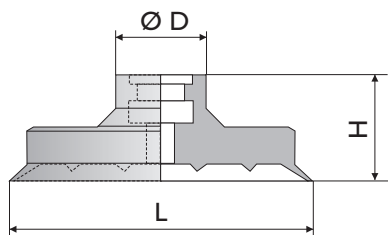
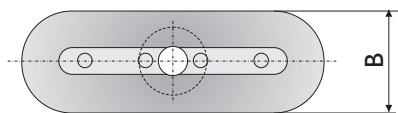
Option:

Befestigungsklemmen
Fixing clips

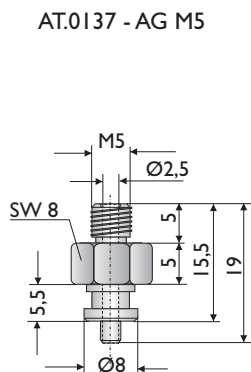
Art. No. MF.OK.9/4

Auf Anfrage/on request: HNBR
(außer/not OV.010x003.001)

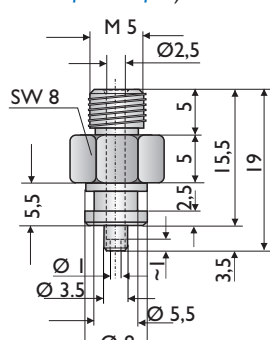
Saugfläche/suction surface 24x8 - 36x12 mm



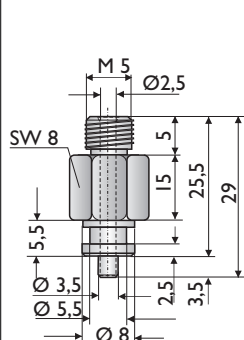
Anschlusssteile/Fittings



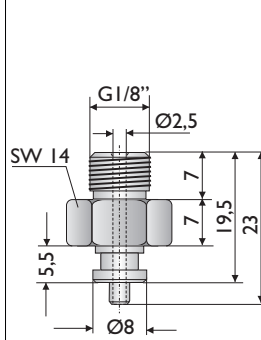
AT.0137-I - AG M5
(mit Festblende/
with fixed orifice)



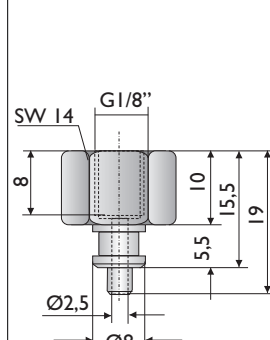
AT.0637 - AG M5



AT.0085 - AG 1/8"



AT.0086 - IG 1/8"



Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g
1) OV.024x008.004.*	24	8	12	Ø 12	1,2	1,0
2) OV.030x010.005.*	30	10	12	Ø 12	1,5	1,4
3) OV.036x012.006.*	36	12	12	Ø 12	2,0	1,8

* Material:

NBR schwarz/black
Silikon transparent
Silikon rot/red

Auf Anfrage/on request:
HNBR

Für hohe Temperaturen bis +300° C
empfehlen wir/for high temperature
we recommend:

- 1) VOP 08 24 SR Silikon weiss/white
- 2) VOP 10 30 SR Silikon weiss/white
- 3) VOP 12 36 SR Silikon weiss/white

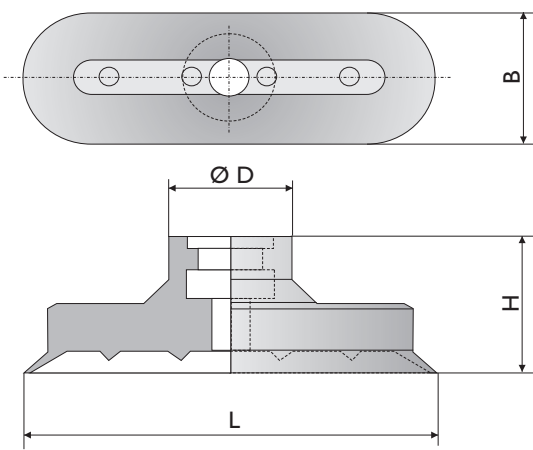
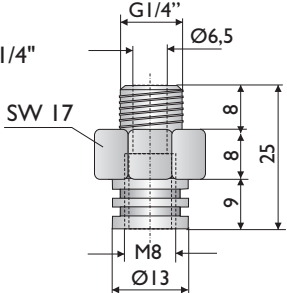
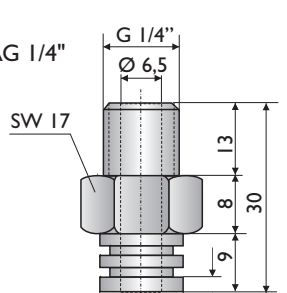
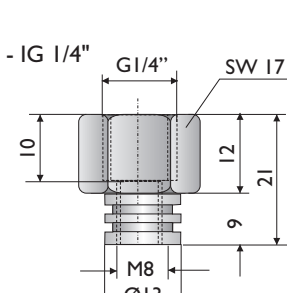
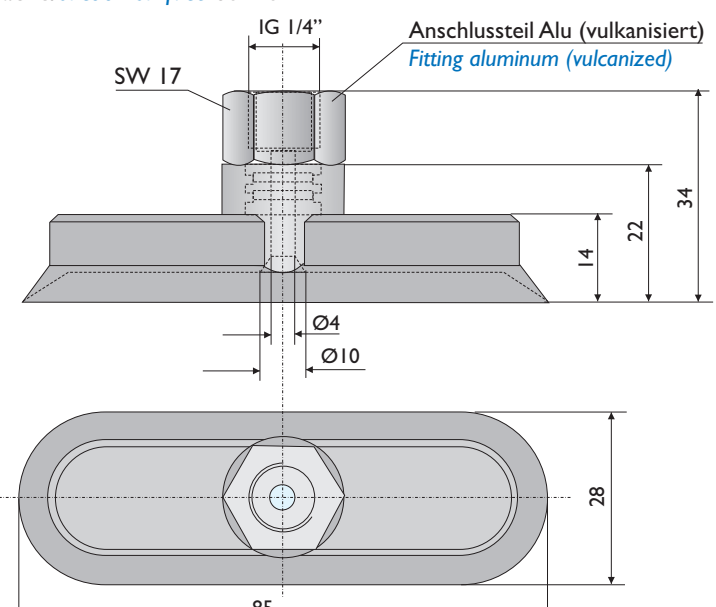
Option:

Befestigungsklemmen
Fixing clips

Art. No. MF.OK.13/4

Vakuumovalsauger Serie „MF-OVI“ 45x15 - 100x35 mm

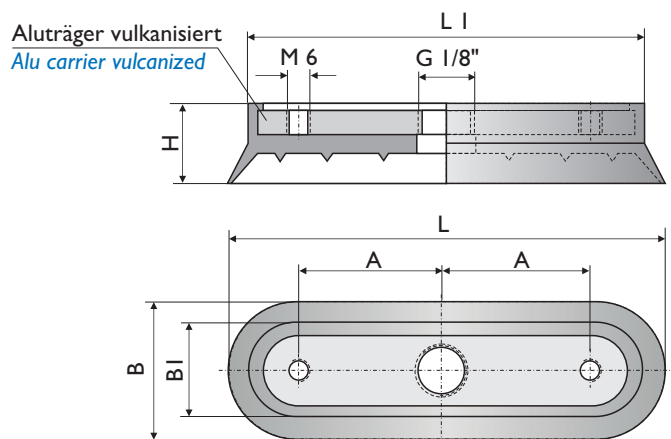
Oval Vacuum Suction Cups Series „MF-OVI“ 45x15 - 100x35 mm

Saugfläche/ <i>suction surface</i> 45x15 - 100x35 mm		<table><tr><th></th><th>Art.No.</th><th>L</th><th>B</th><th>H</th><th>D</th><th>Hub/ Stroke mm</th><th>Gewicht/ Weight g</th></tr><tr><td>1)</td><td>OV.045x015.007.*</td><td>45</td><td>15</td><td>21</td><td>Ø 17</td><td>2,5</td><td>4,2</td></tr><tr><td>2)</td><td>x)OV.060x020.008.*</td><td>60</td><td>20</td><td>21</td><td>Ø 17</td><td>3,5</td><td>9,0</td></tr><tr><td>3)</td><td>OV.075x025.009.*</td><td>75</td><td>25</td><td>21</td><td>Ø 18</td><td>3,5</td><td>15,0</td></tr><tr><td>4)</td><td>OV.085x028.010.*</td><td>85</td><td>28</td><td>21</td><td>Ø 18</td><td>4,0</td><td>20,0</td></tr><tr><td>5)</td><td>OV.100x035.011.*</td><td>100</td><td>35</td><td>21</td><td>Ø 18</td><td>4,0</td><td>28,0</td></tr></table>								Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g	1)	OV.045x015.007.*	45	15	21	Ø 17	2,5	4,2	2)	x)OV.060x020.008.*	60	20	21	Ø 17	3,5	9,0	3)	OV.075x025.009.*	75	25	21	Ø 18	3,5	15,0	4)	OV.085x028.010.*	85	28	21	Ø 18	4,0	20,0	5)	OV.100x035.011.*	100	35	21	Ø 18	4,0	28,0
	Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g																																																	
1)	OV.045x015.007.*	45	15	21	Ø 17	2,5	4,2																																																	
2)	x)OV.060x020.008.*	60	20	21	Ø 17	3,5	9,0																																																	
3)	OV.075x025.009.*	75	25	21	Ø 18	3,5	15,0																																																	
4)	OV.085x028.010.*	85	28	21	Ø 18	4,0	20,0																																																	
5)	OV.100x035.011.*	100	35	21	Ø 18	4,0	28,0																																																	
		<p>x) OV.060x020.008.Str/12, D = Ø 16 mm OV.060x020.008.NBR/12, D = Ø 16 mm</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent Silikon rot/<i>red</i> Auf Anfrage/<i>on request</i>: HNBR</p> <p>Option: Befestigungsklemmen <i>Fixing clips</i> Art. No. MFOK.18/4</p> <p>Für hohe Temperaturen bis + 300° C empfehlen wir/ <i>for high temperature to +300° C we recommend:</i> 1) VOP 15 45 Silikon weiss/<i>white</i> 2) VOP 20 60 SR Silikon weiss/<i>white</i> 3) VOP 25 75 SR Silikon weiss/<i>white</i> 4) VOP 28 85 SR Silikon weiss/<i>white</i> mit Metalleinlage 5) VOP 35 100 SR Silikon weiss/<i>white</i> with metal insert</p>																																																						
Anschlussteile/ <i>Fittings</i>																																																								
																																																								
Saugfläche/ <i>suction surface</i> 85x25 mm		Art. No.: OVI.085x028.001.*																																																						
		<p>Hub/<i>Stroke</i>: 5 mm Gewicht/<i>Weight</i>: 23 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon rot/<i>red</i></p> <p>Vorteile: • für strukturierte Werkstücke • hochabdruckarm • verstärkter Vakuumanschluss (vulkanisiert) <i>Advantages:</i> • <i>for structured work pieces</i> • <i>high antimarking</i> • <i>reinforced vacuum connection (vulcanized)</i></p>																																																						

Vakuumovalsauger Serie „MF-OV2“ 75x25 - 145x34 mm

Oval Vacuum Suction Cups Series „MF-OV2“ 75x25 - 145x34 mm

vulkanisiert/*vulcanized*



Art. No.	Abmessungen/ <i>Dimensions</i> in mm						Hub/ <i>Stroke</i> mm	Gewicht/ <i>Weight</i> g
	L	LI	B	BI	H	A		
OVI.075x025.002.*	75	68	25	17	14,5	25	3,5	24
OVI.096x027.003.*	96	86	27	17	16,5	35	5,0	32
OVI.116x027.001.*	116	106	27	17	16,5	35	5,0	40

*Material:

NBR schwarz/*black* 50° Shore

Silikon rot/*red* 50° Shore

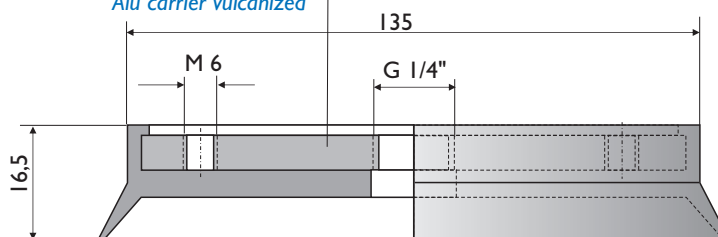
Silikon transparent 50° Shore

Art. No.: OVI.145x034.001.*

Hub/*Stroke*: 5,5 mm

Gewicht/*Weight*: 58 g

Aluträger vulkanisiert
Alu carrier vulcanized

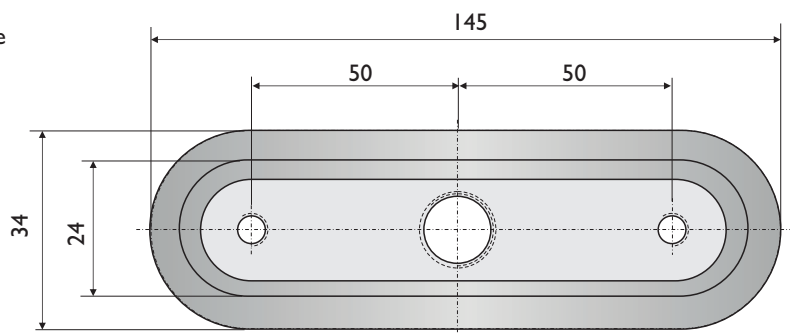


*Material:

NBR schwarz/*black* 50° Shore

Silikon rot/*red* 50° Shore

Silikon transparent 50° Shore



Vakuumovalsauger Serie „MF-OV3“ 53x18 - 145x72 mm

Oval Vacuum Suction Cups Series „MF-OV3“ 53x18 - 145x72 mm

vulkanisiert/vulcanized

Einsatzbereiche:

- Ölige Bleche
- Glas-Holz-Verpackungsindustrie

Vorteil:

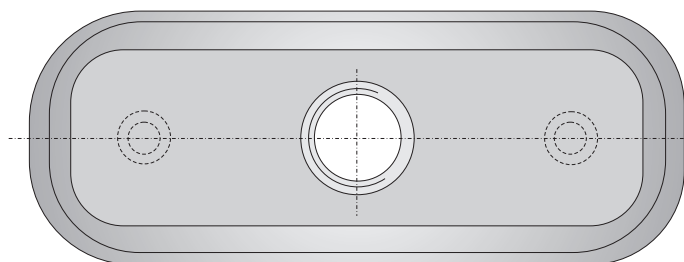
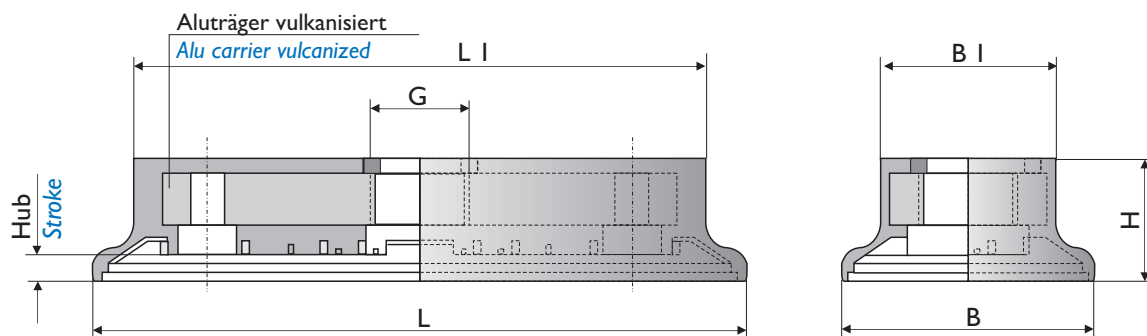
- hochabdruckarm
- hochölbeständig

Use:

- Oily sheets
- Glass-Wood-Packaging Industry

Advantage:

- high anti-marking
- highly oil resistant



*Material:

NBR grün/green 45° Shore

NBR grün/green 60° Shore

Temperaturbeständigkeit/

Temperature resistant:

-40° - +160°C



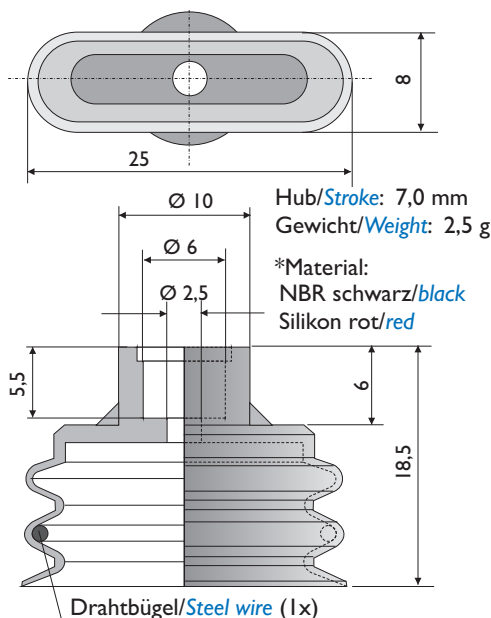
Art. No.	Abmessungen/Dimensions in mm						Hub/ Stroke mm	Gewicht/ Weight g
	L	B	LI	BI	H	G		
OV1.053x018.001.*	53	18	51,5	16,5	19,5	1/8"	3,5	20
OV1.065x025.001.*	65	25	57	17	12	1/8"	2,5	14
OV1.085x042.001.*	85	42	70	27	14	1/8"	4,0	30
OV1.095x035.001.*	95	35	88	28	12,7	1/8"	3,2	36
OV1.105x052.001.*	105	52	91	38	15,7	1/4"	5,0	56
OV1.123x060.001.*	123	60	99	36	18	1/4"	6,0	69
OV1.145x072.001.*	145	72	107	34	19	1/4"	6,0	61

Vakuumsauger Serie „MF-OVBI“ 25x8 - 75x25 mm

Oval Vacuum Suction Cups Series „MF-OVBI“ 25x8 - 75x25 mm

Saugfläche/suction surface 25 x 8 mm

Art. No.: OVB.025x008.001.*

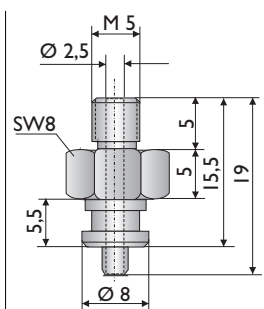


Für hohe Temperaturen bis +300° C
empfehlen wir/for high temperature
we recommend:
VOS 08 25 Silikon weiss/white

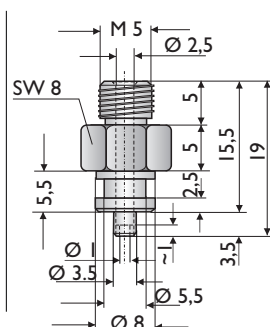
Option:
Befestigungsklemmen
Fixing clips
Art. No. MF.OK.11/3

Aschlusssteile/Fittings

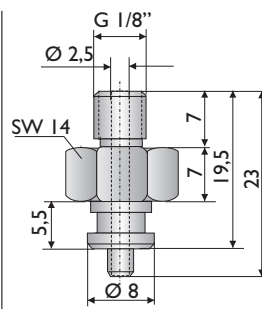
AT.0137 - AG M5



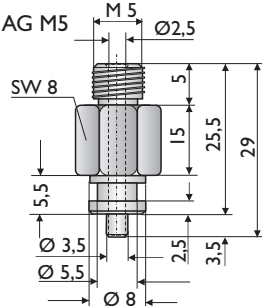
AT.0137-I - AG M5
(mit Festblende/
with fixed orifice)



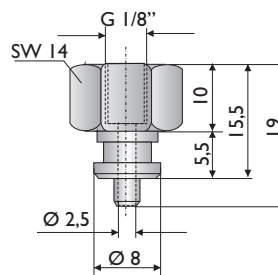
AT.0085 - AG 1/8"



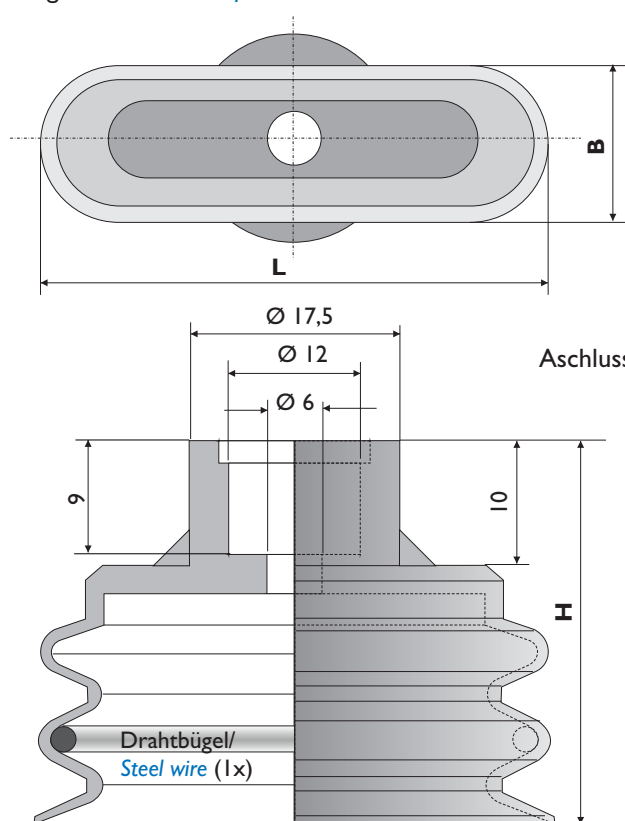
AT.0637 - AG M5



AT.0086 - IG 1/8"



Saugfläche/suction surface 45 x 15 - 75 x 25 mm



Art. No.	H	L	B	Hub/ Stroke mm	Gewicht/ Weight g
1) OVB.045x015.002.*	28,5	45	15	8,5	7,0 g
2) OVB.075x025.003.*	33,0	75	25	10,5	20,0 g

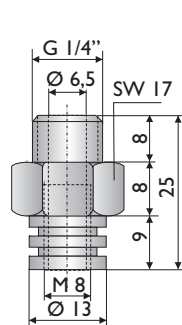
*Material:
NBR schwarz/black
Silikon rot/red

Für hohe Temperaturen bis + 300° C empfehlen wir/
for high temperature to +300° C we recommend:

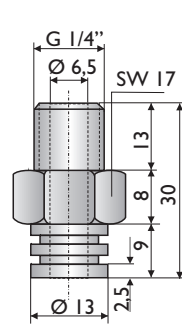
- 1) VOS 15 45 Silikon weiss/white
- 2) VOS 25 75 SR Silikon weiss/white

Aschlusssteile/Fittings

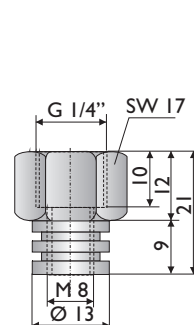
AT.0097 - AG 1/4"



AT.0712 - AG 1/4"



AT.0098 - IG 1/4"



Option:
Befestigungsklemmen/Fixing clips
Art. No. MF.OK.18/4

Vakuumovalsauger Serie „MF-OVB2“ 35x19 - 45x28 mm

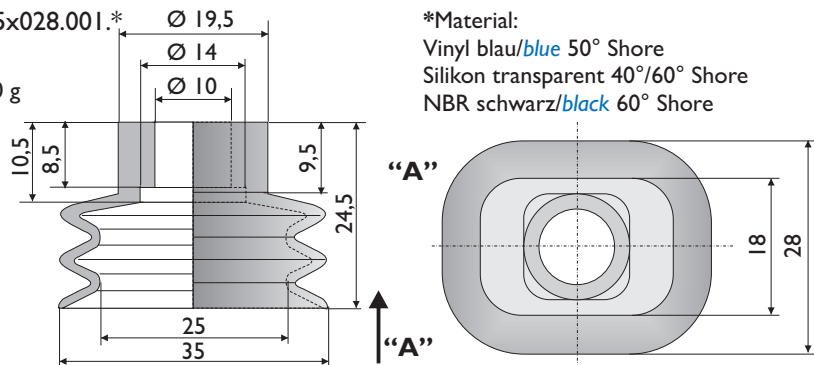
Oval Vacuum Suction Cups Series „MF-OVB2“ 35x19 - 45x28 mm

Saugfläche/*suction surface* 35 x 28 mm

Art. No.: OVB.035x028.001.*

Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 7,0 g



*Material:

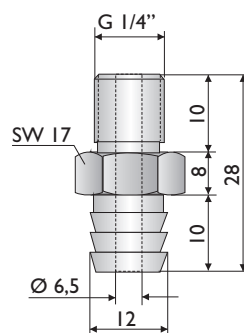
Vinyl blau/*blue* 50° Shore

Silikon transparent 40°/60° Shore

NBR schwarz/*black* 60° Shore

Aschlusssteile/*Fittings*

AT.0603 - AG 1/4"

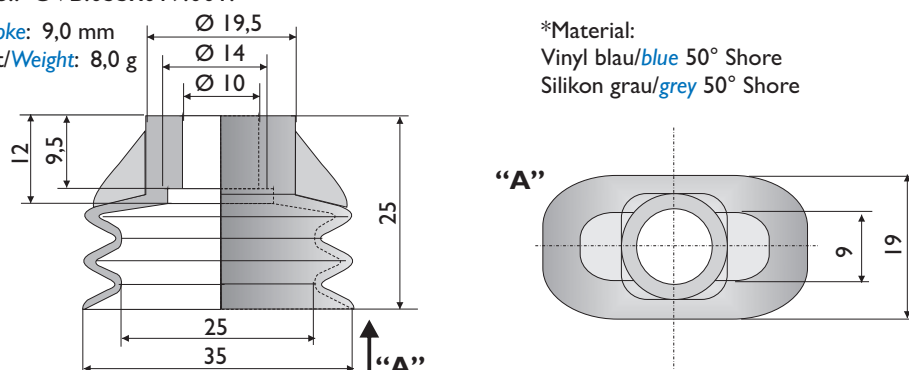


Saugfläche/*suction surface* 35 x 19 mm

Art. No.: OVB.035x019.001.*

Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 8,0 g

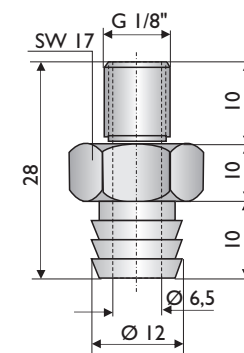


*Material:

Vinyl blau/*blue* 50° Shore

Silikon grau/*grey* 50° Shore

AT.0723 - AG 1/8"

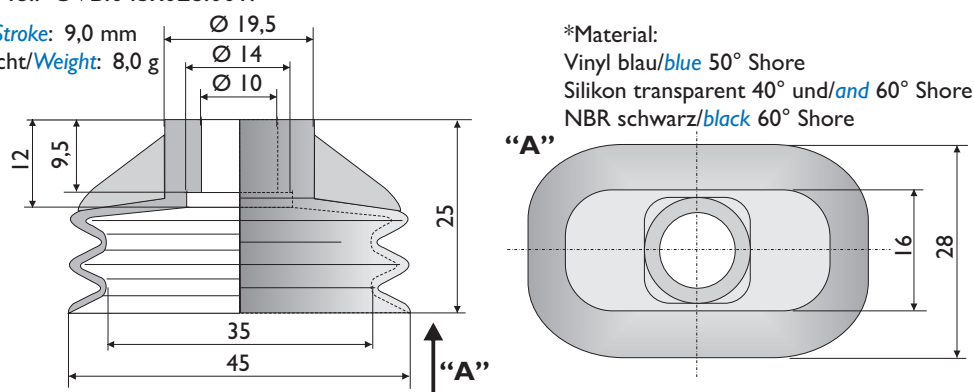


Saugfläche/*suction surface* 45 x 28 mm

Art. No.: OVB.045x028.001.*

Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 8,0 g



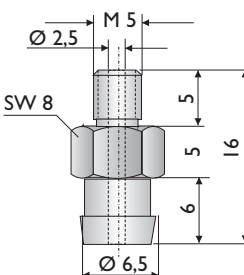
*Material:

Vinyl blau/*blue* 50° Shore

Silikon transparent 40° und/and 60° Shore

NBR schwarz/*black* 60° Shore

Aschlusssteil/*Fitting*
 AT.0613 - AG M5 (2x)



Saugfläche/*suction surface* 43 x 15 mm

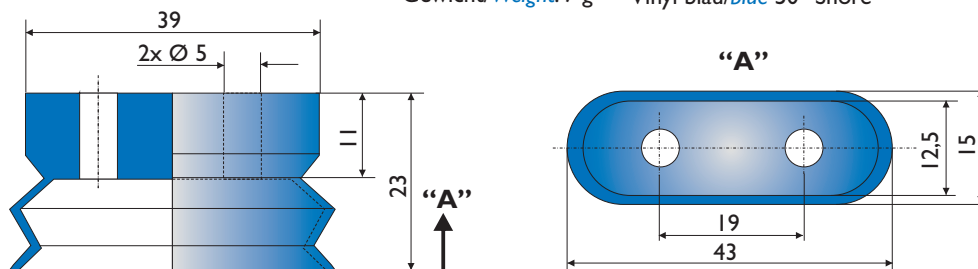
Art. No.: OVB.043x015.001.*

Hub/*Stroke*: 9 mm

Gewicht/*Weight*: 7 g

*Material:

Vinyl blau/*blue* 50° Shore



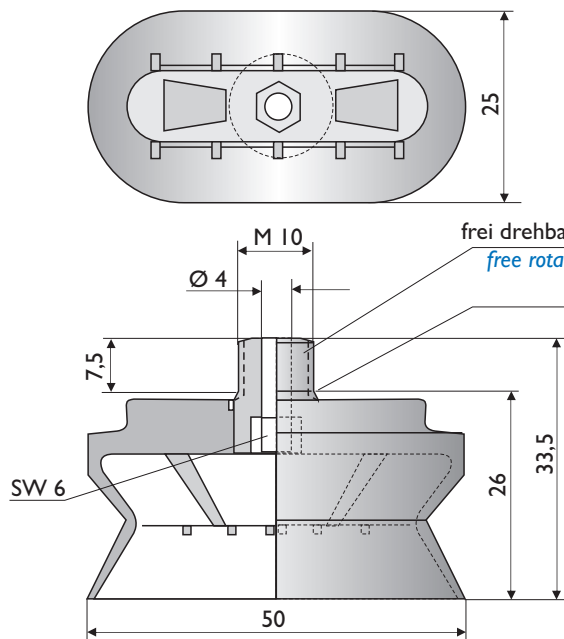
Vakuumovalsauger Serie „MF-OVB3“ 50x25 - 100x40 mm

Oval Vacuum Suction Cups Series „MF-OVB3“ 50x25 - 100x40 mm

Art. No.: OVB.050x025.001.*

Hub/*Stroke*: 10 mm

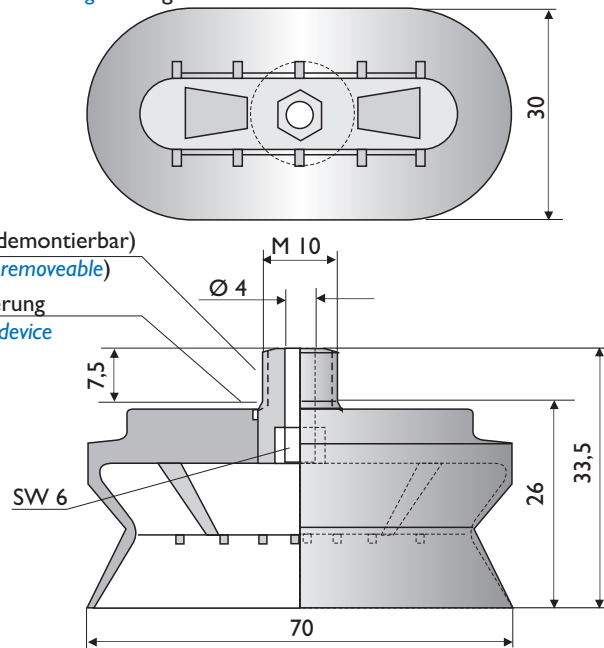
Gewicht/*Weight*: 28 g



Art. No.: OVB.070x030.005.*

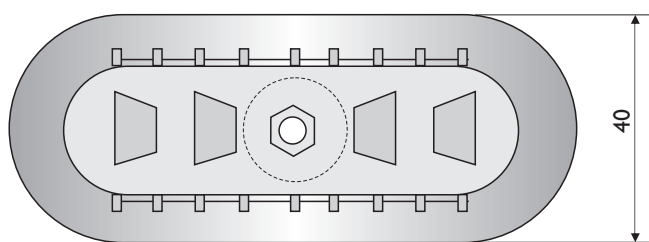
Hub/*Stroke*: 10 mm

Gewicht/*Weight*: 40 g



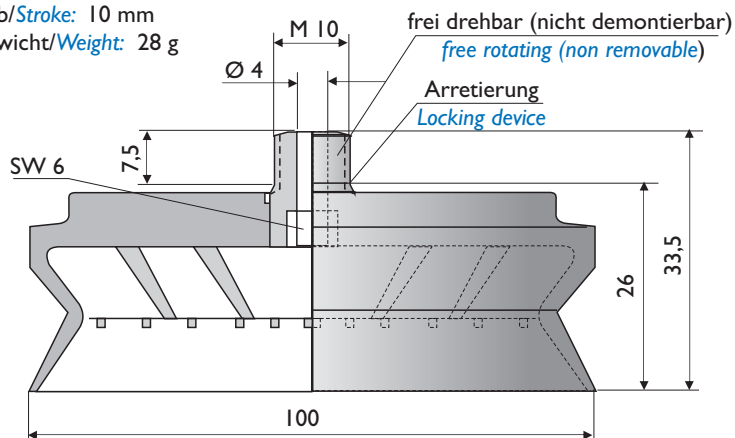
* Material:
NBR schwarz/*black* 55° Shore
Silikon transparent 55° Shore

Art. No.: OVB.100x040.003.*



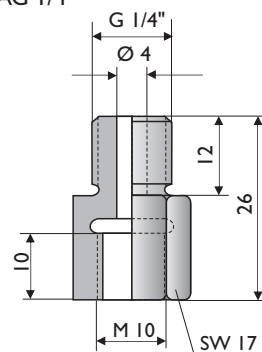
Hub/*Stroke*: 10 mm

Gewicht/*Weight*: 28 g

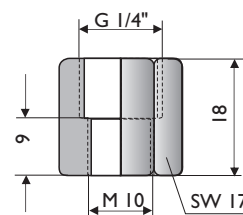


Anschlussteile/*Fittings*

AT.0088 - AG 1/4"



AT.0089 - IG 1/4"



Vakuuovalsauger Serie „MF-B“ 60x30 - 100x40 mm

Oval Vacuum Suction Cups Series „MF-B“ 60x30 - 100x40 mm

vulkanisiert/vulcanized

Vorteil:

Befestigungsmöglichkeit außerhalb des Ovalsaugers.

Advantage:

Possibility of attachment outside the oval suction cup.

Standardausführung mit Stahlträger vulkanisiert, Aluminium auf Anfrage.

Standard version with steel carrier vulcanized, aluminum on request.

Mit Vakuumananschluss und Befestigungsgewinde nach Bohrbild möglich.

With vacuum connection and fastening thread according to drilling picture possible.

*Standard Material:

NBR grau/grey 50° Shore

SBR rotbraun/red brown 50° Shore

Weitere Materialien auf Anfrage.

Further materials on request.

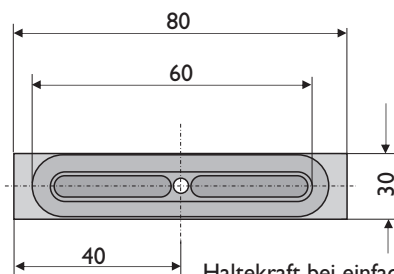
Diese Angaben gelten für alle Sauger der Serie B, ausser wenn etwas anderes angegeben ist.

These informations applies to all suction cups of this series B, except there is some other notice.

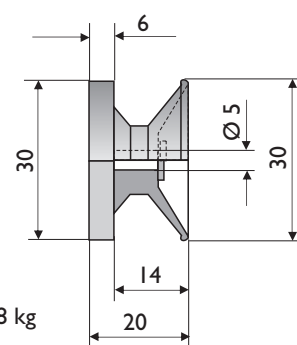
Art. No.: OV.060x030.002.*

Hub/Stroke: 5,0 mm

Gewicht/Weight: 120 g



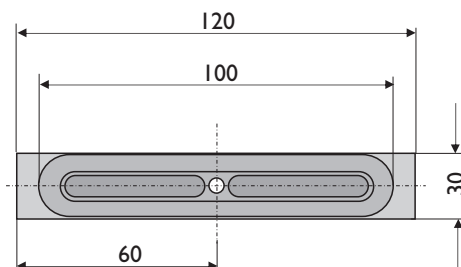
Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 8 kg
Holding force with simple security at 60% vacuum: 8 kg



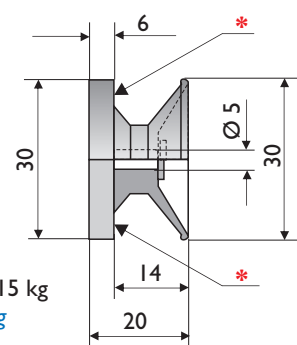
Art. No.: OV.100x030.001.*

Hub/Stroke: 5,0 mm

Gewicht/Weight: 180 g

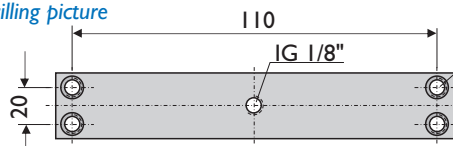


Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 15 kg
Holding force with simple security at 60% vacuum: 15 kg



Art. No.: OVI.100x030.001.*

Mit Bohrbild/with drilling picture

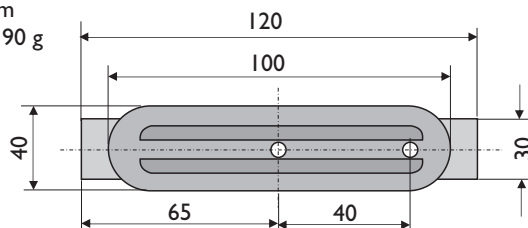


*Senkung für Senkschrauben M5
Lowering for countersunk screws M5
DIN 7991 (4x)

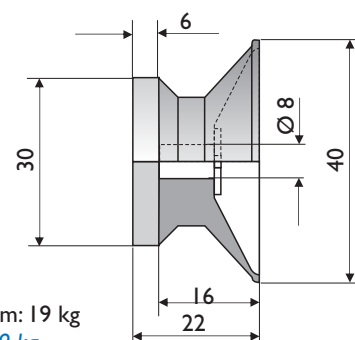
Art. No.: OV.100x040.001.*

Hub/Stroke: 7,0 mm

Gewicht/Weight: 190 g



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 19 kg
Holding force with simple security at 60% vacuum: 19 kg



Vakuumovalsauger Serie „MF-B“ 150x40 - 200x30 mm

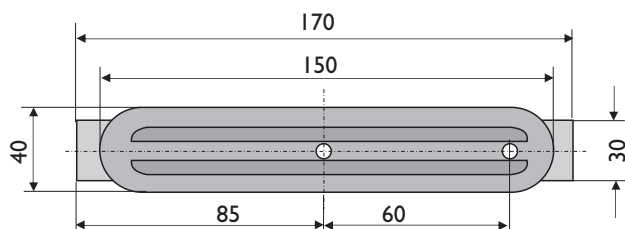
Oval Vacuum Suction Cups Series „MF-B“ 150x40 - 200x30 mm

vulkanisiert/vulcanized

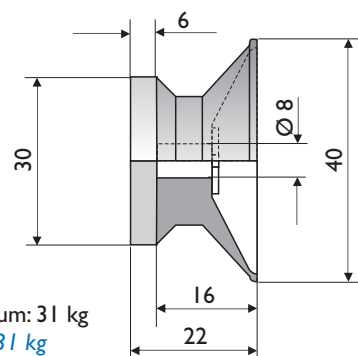
Art. No.: OV.150x040.001.*

Hub/Stroke: 7,0 mm

Gewicht/Weight: 230 g



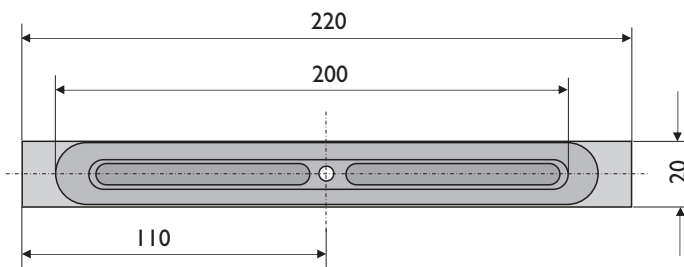
Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 31 kg
 Holding force with simple security at 60% vacuum: 31 kg



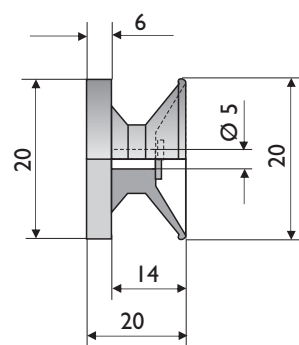
Art. No.: OV.200x020.001.*

Hub/Stroke: 5,0 mm

Gewicht/Weight: 230 g



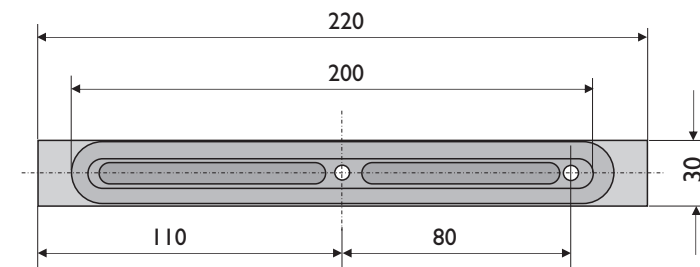
Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 22 kg
 Holding force with simple security at 60% vacuum: 22 kg



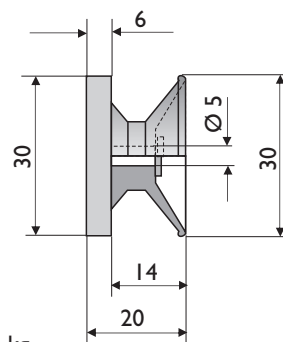
Art. No.: OV.200x030.001.*

Hub/Stroke: 5,0 mm

Gewicht/Weight: 340 g



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 33 kg
 Holding force with simple security at 60% vacuum: 33 kg



Vakuumovalsauger Serie „MF-B“ 200x40 - 200x50 mm

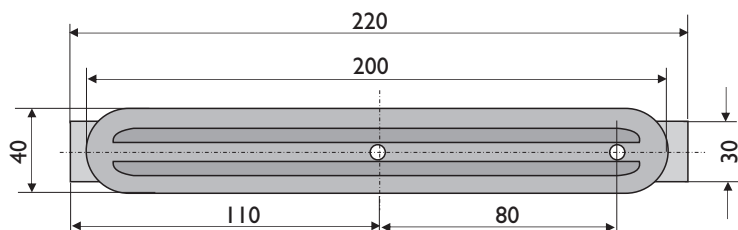
Oval Vacuum Suction Cups Series „MF-B“ 200x40 - 200x50 mm

vulkanisiert/vulcanized

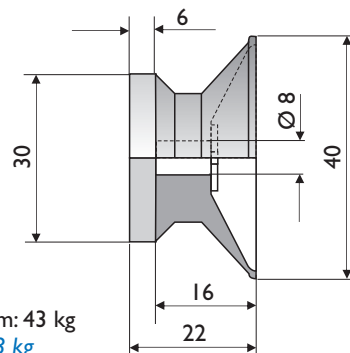
Art. No.: OV.200x040.001.*

Hub/*Stroke*: 7,0 mm

Gewicht/*Weight*: 350 g



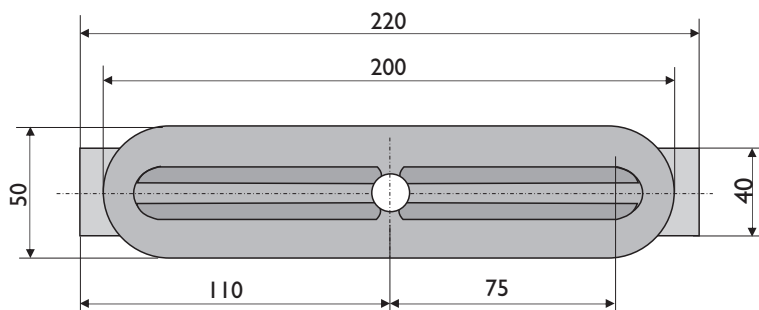
Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 43 kg
Holding force with simple security at 60% vacuum: 43 kg



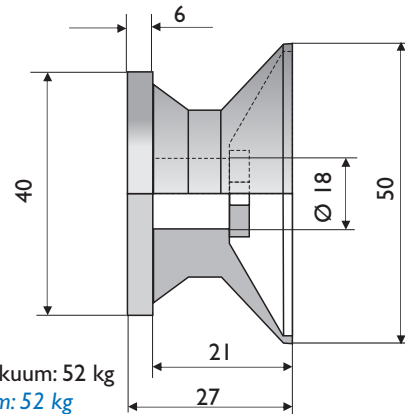
Art. No.: OV.200x050.001.*

Hub/*Stroke*: 6,0 mm

Gewicht/*Weight*: 470 g



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 52 kg
Holding force with simple security at 60% vacuum: 52 kg



Vakuumovalsauger Serie „MF-B“ 300x30 - 300x40 mm

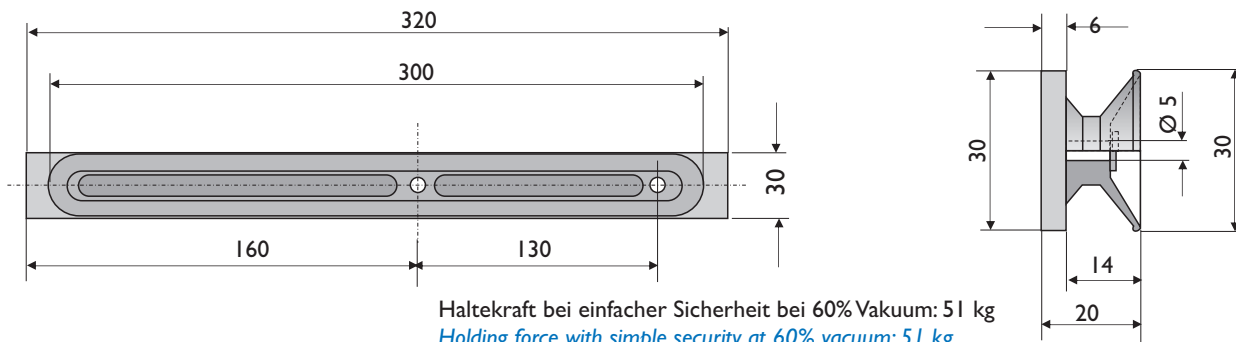
Oval Vacuum Suction Cups Series „MF-B“ 300x30 - 300x40 mm

vulkanisiert/vulcanized

Art. No.: OV.300x030.001.*

Hub/Stroke: 5,0 mm

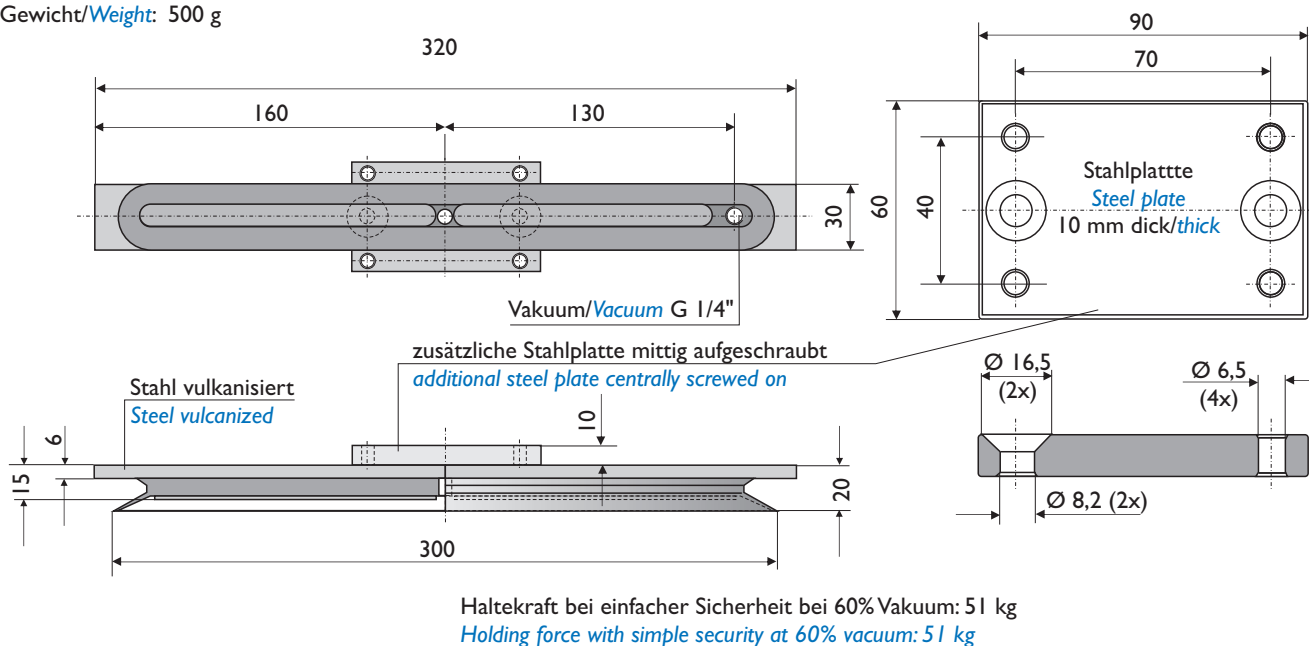
Gewicht/Weight: 510 g



Art. No.: OVI.300x030.001.*

Hub/Stroke: 5 mm

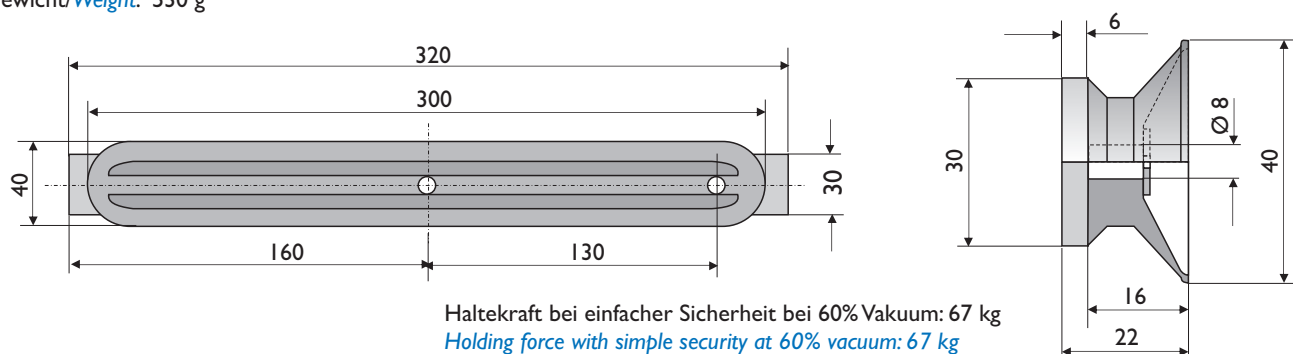
Gewicht/Weight: 500 g



Art. No.: OV.300x040.001.*

Hub/Stroke: 7,0 mm

Gewicht/Weight: 530 g



Vakuumovalsauger Serie „MF-B“ 300x50 - 300x100 mm

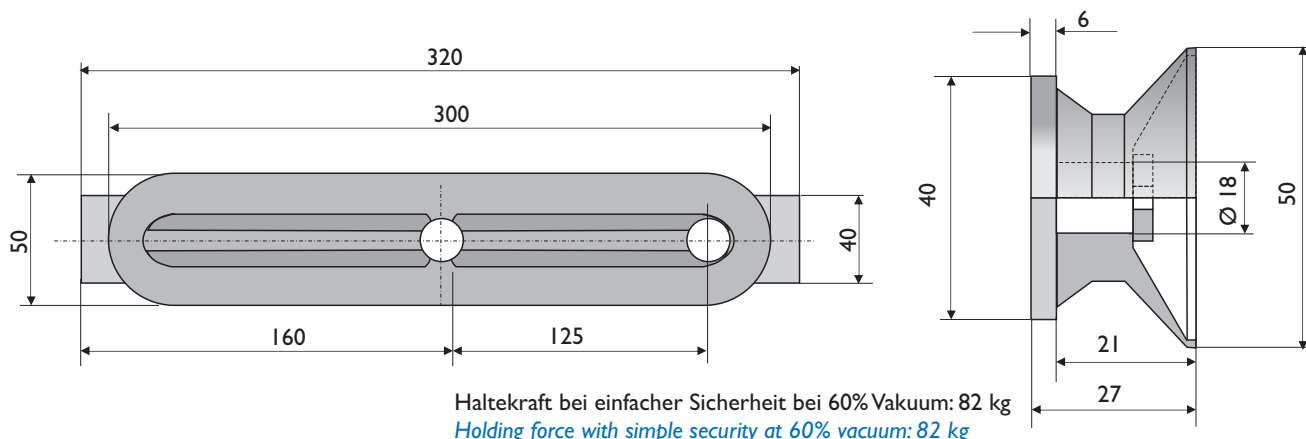
Oval Vacuum Suction Cups Series „MF-B“ 300x50 - 300x100 mm

vulkanisiert/vulcanized

Art. No.: OV.300x050.001.*

Hub/*Stroke*: 6,0 mm

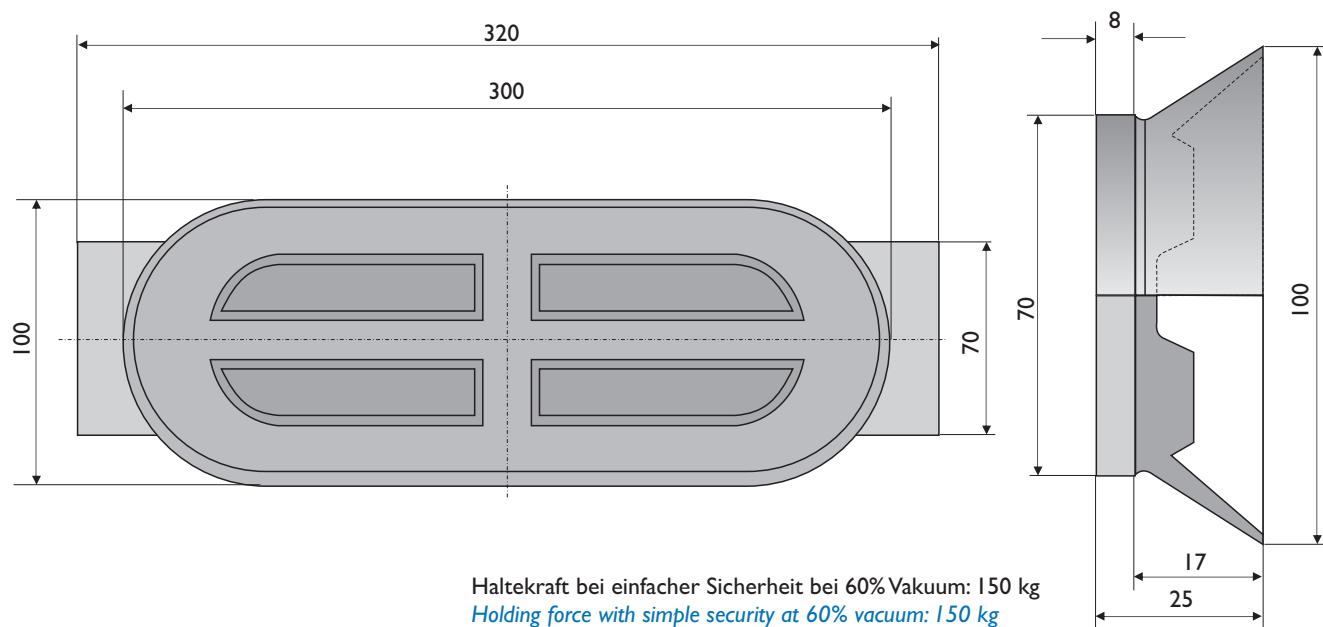
Gewicht/*Weight*: 690 g



Art. No.: OV.300x100.002.*

Hub/*Stroke*: 10,0 mm

Gewicht/*Weight*: 1500 g



Vakuumovalsauger Serie „MF-Z“ 200x35 - 300x35 mm

Oval Vacuum Suction Cups Series „MF-Z“ 200x35 - 300x35 mm

vulkanisiert/*vulcanized*

Für zylindrische Teile Ø 40 - 120 mm - z.B. Rohre, Wellplatten usw.
For cylindrical parts dia. 40 - 120 mm - e.g. tubes, corrugated sheets etc.

Vorteil:
 Befestigungsmöglichkeit außerhalb
 des Ovalsaugers.
 Standardausführung mit Stahlträger vulkanisiert,
 Aluminium auf Anfrage.

Advantage:
Possibility of attachment outside the
oval suction cup.
Standard version with steel carrier vulcanized,
aluminum on request.

Mit Vakuumanschluss und Befestigungs-
 gewinde nach Bohrbild möglich.
With vacuum connection and fastening
thread according to drilling picture possible.

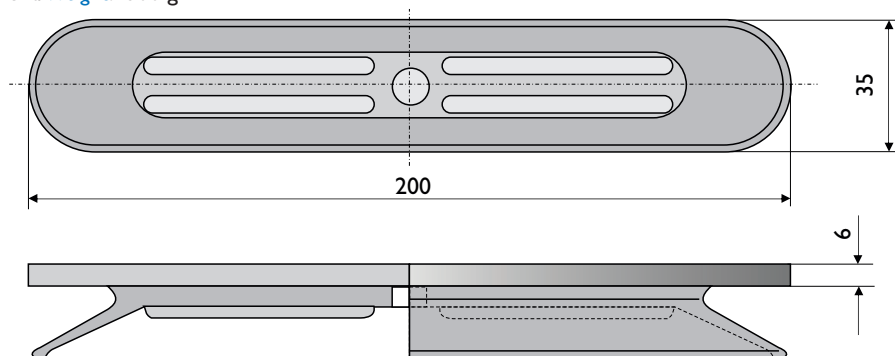
Standard Material:
 NBR grau/*grey* 50° Shore
 SBR rotbraun/*red brown* 50° Shore
 Weitere Materialien auf Anfrage.
Further materials on request.

**Diese Angaben gelten
 für alle Sauger der Serie Z,
 ausser wenn etwas
 anderes angegeben ist.**

*These informations applies
 to all suction cups of this
 series Z, except there is some
 other notice.*

Art. No.: OV.200x035.002.*

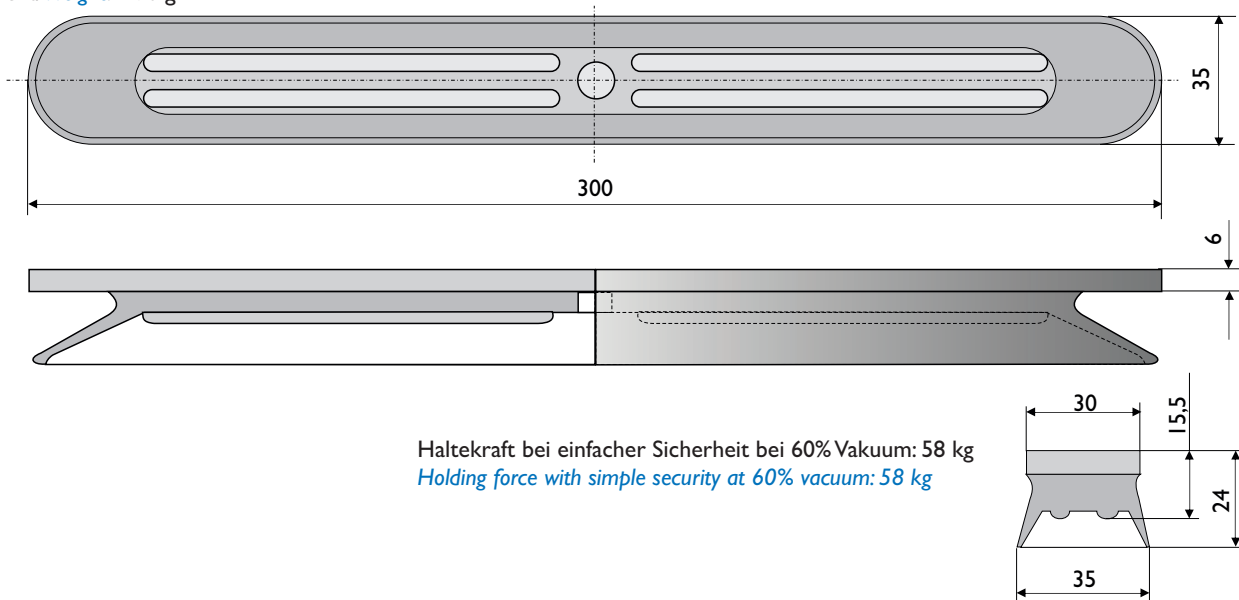
Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 300 g



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 38 kg
Holding force with simple security at 60% vacuum: 38 kg

Art. No.: OV.300x035.001.*

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 470 g



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 58 kg
Holding force with simple security at 60% vacuum: 58 kg

Vakuumovalsauger Serie „MF-Z“ 470x60 mm

Oval Vacuum Suction Cups Series „MF-Z“ 470x60 mm

vulkanisiert/vulcanized

Für zylindrische Teile Ø 110 - Ø 550 mm - z. B. Rohre, Wellplatten usw.
For cylindrical parts dia. 110 - dia. 550 mm - e.g. tubes and corrugated sheets

Art. No.: OV.470x060.001.*

Hub/Stroke: 0,0 mm

Gewicht/Weight: 1050 g

*Material:

NBR grau/grey

SBR rotbraun/red brown

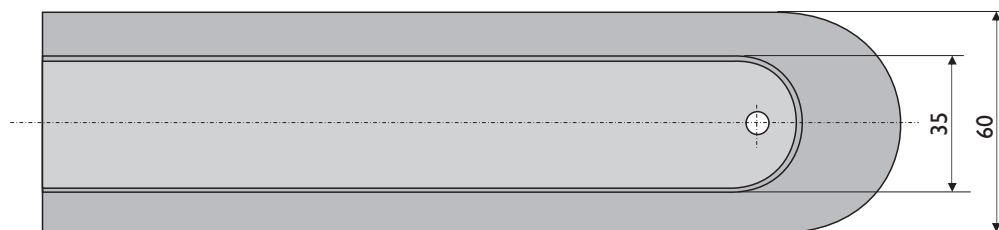
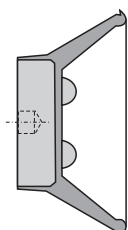
FKM schwarz/black +200° C

Weitere Materialien auf Anfrage.

Further materials on request.

Mit Vakuumanschluss und Befestigungsgewinde nach Bohrbild möglich.

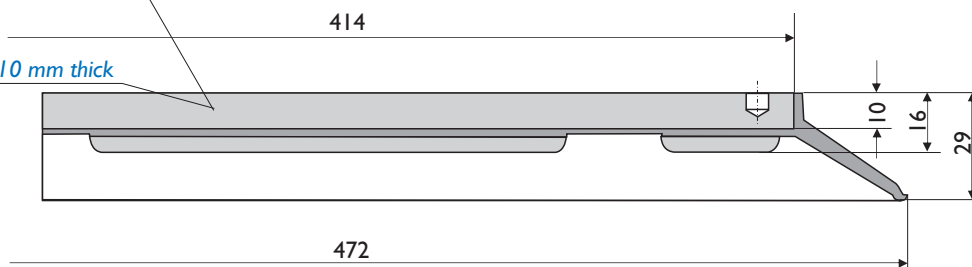
With vacuum connection and fastening thread according to drilling picture possible.



Haltekraft bei einfacher Sicherheit bei 60% Vakuum 158 kg, bei zweifacher Sicherheit: 79 kg
Holding force with simple security at 60% vacuum 158 kg, with double safety: 79 kg

Auf Stahlträger 10 mm dick vulkanisiert
 Aluminium auf Anfrage

*Vulcanized on steel carrier 10 mm thick
 Aluminum on request*



Vakuuovalsauger Serie „Soap“ 66x46 - 81x53 mm

Oval Vacuum Suction Cups Series „Soap“ 66x46 - 81x53 mm

vulkanisiert/*vulcanized*

Einsatzgebiet:
Handling von Seifen

Use:
Soap handling

Art. No.	Abmessungen/ <i>Dimensions</i> in mm							Gewicht/ <i>Weight</i> g
	L	LI	B	BI	H	HI	A	
OVI.066x046.001.*	66	42	46	25	18	13	25	23
OVI.070x044.001.*	70	38	44	23	20	14	25	20
OVI.081x053.001.*	81	37	53	23	25	14	25	25

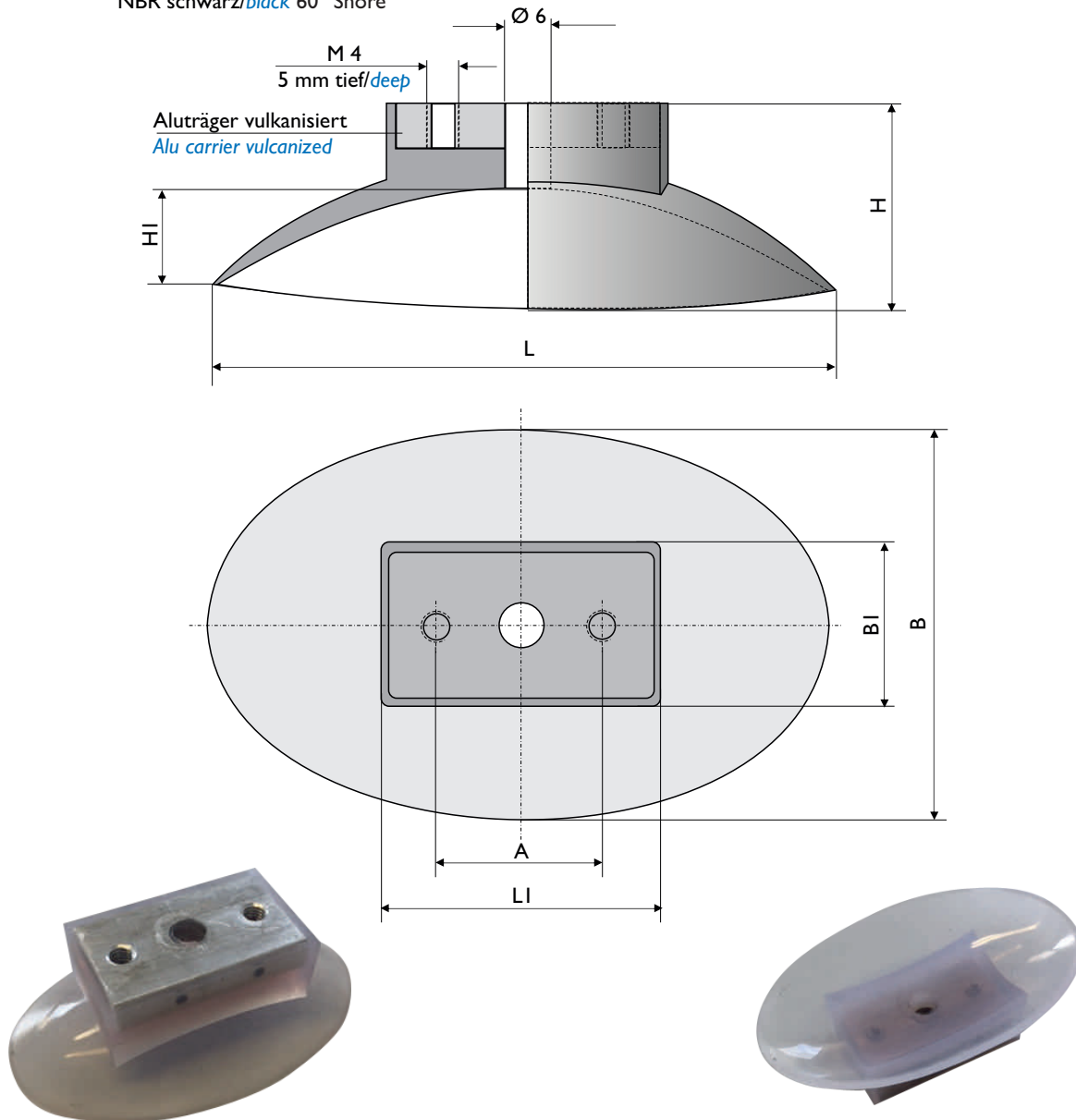
*Material:

Silikon transparent 60° Shore

Auf Anfrage/*on request*:

Silikon 20°/60° Shore

NBR schwarz/*black* 60° Shore



Vakuumovalsauger Serie „AM2-blau“ 4x2 - 18x6 mm

Oval Vacuum Suction Cups Series „AM2-blau“ 4x2 - 18x6 mm

Hochabdruckarm und temperaturbeständig -10° - +165° C / *High anti-marking and temperature resistant -10° - +165 ° C*

Eigenschaften:

- Labs- und silikonfrei
- Ölbeständig
- Hohe Standzeit

Features:

- *Free of Labs and Silicone*
- *Oil resistant*
- *Long service life*

Spezialmaterial/Special material:

AM2.bl (Antimarking blau/blue) 60° Shore
 Temperatur kurzzeitig/short-term
 (~3 sec): -25° - +170°C

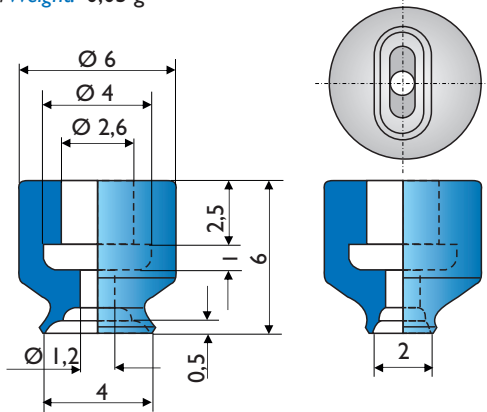
Einsatzbereiche/Use

Kunststoff, Glas, lackierte Teile/
Plastics, glass, painted parts

Art. No.: OV.004x002.AM2.bl

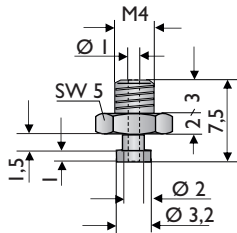
Hub/Stroke: 0,5 mm
 Gewicht/Weight: 0,05 g

Saugfläche 4 x 2 mm

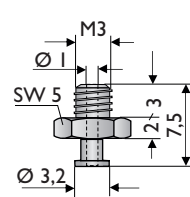


Aschlusssteile/Fittings

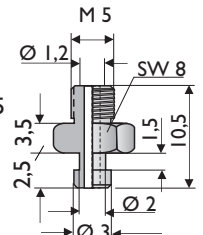
AT.0111-AG M4



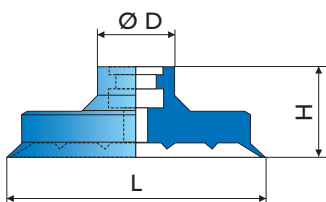
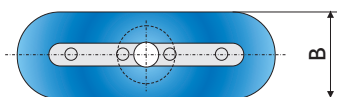
AT.0614 - AG M3



AT.0300 - AG M5



Saugfläche/suction surface 15x5 - 18x6 mm



Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g
OV.015x005.AM2.bl	15	5	12	Ø 8	1,0	0,5
OV.018x006.AM2.bl	18	6	12	Ø 8	1,2	0,7

Spezialmaterial/Special material:

AM2.bl (Antimarking blau/blue) 60° Shore
 Temperatur kurzzeitig/short-term
 (~3 sec): -25° - +170°C

Option:

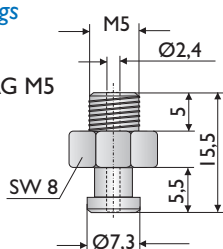
Befestigungsklemmen

Fixing clips

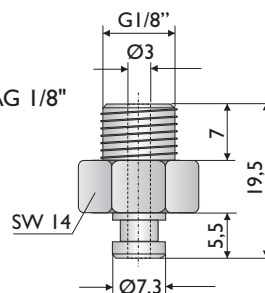
Art. No. MFOK.9/4

Aschlusssteile/Fittings

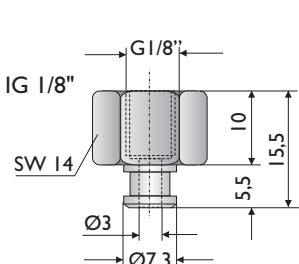
AT.0094 - AG M5



AT.0095 - AG 1/8"



AT.0096 - IG 1/8"



Vakuumsauger Serie „AM2-blau“ 24x8 - 90x30 mm

Oval Vacuum Suction Cups Series „AM2-blau“ 24x8 - 90x30 mm

Hochabdruckarm und temperaturbeständig -10° - +165° C / *High anti-marking and temperature resistant -10° - +165 ° C*

Eigenschaften:

- Labs- und silikonfrei
- Ölbeständig
- Hohe Standzeit

Features:

- *Free of Labs and Silicone*
- *Oil resistant*
- *Long service life*

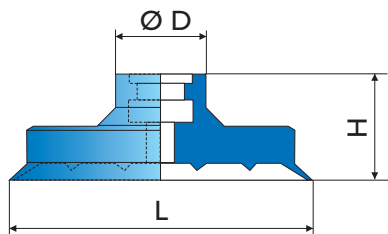
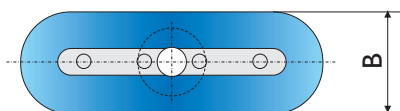
Spezialmaterial/Special material:

AM2.bl (Antimarking blau/blue) 60° Shore
Temperatur kurzzeitig/short-term
(~3 sec): -25° - +170°C

Einsatzbereiche/Use

Kunststoff, Glas, lackierte Teile/
Plastics, glass, painted parts

Saugfläche/suction surface 24x8 - 30x10 mm

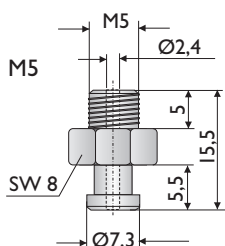


Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g
OV.024x008.AM2.bl	24	8	12	Ø 12	1,2	1,0
OV.030x010.AM2.bl	30	10	12	Ø 12	1,5	1,4

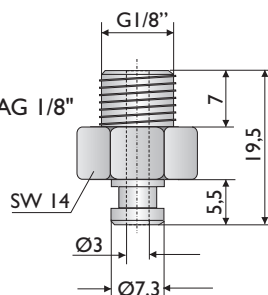
Option:
Befestigungsklemmen
Fixing clips
Art. No. MF.OK.13/4

Anschlusssteile/Fittings

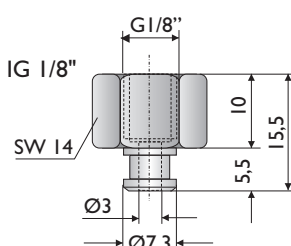
AT.0094 - AG M5



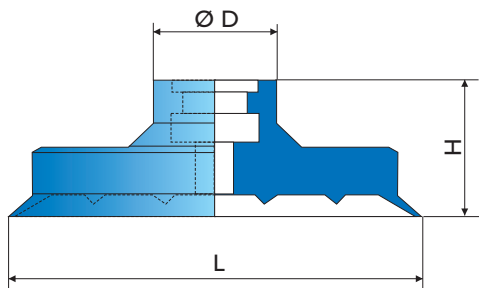
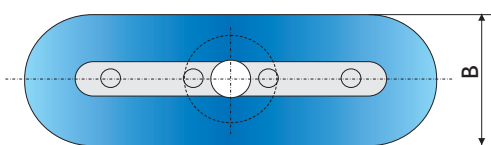
AT.0095 - AG 1/8"



AT.0096 - IG 1/8"



Saugfläche/Suction surface 45x15 - 90x30 mm



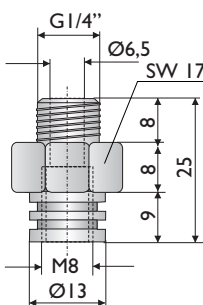
Art.No.	L	B	H	D	Hub/ Stroke mm	Gewicht/ Weight g
OV.045x015.AM2.bl	45	15	21	Ø 15	2,5	4,2
OV.060x020.AM2.bl	60	20	21	Ø 15	3,0	9,0
OV.075x025.AM2.bl	75	25	21	Ø 17	3,0	15,0
OV.090x030.AM2.bl	90	30	21	Ø 17	3,5	20,0

Option:
Befestigungsklemmen auf Anfrage.
Fixing clips on request.

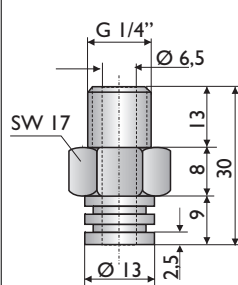
Art. No. MF.OK.18/4

Anschlusssteile/Fittings

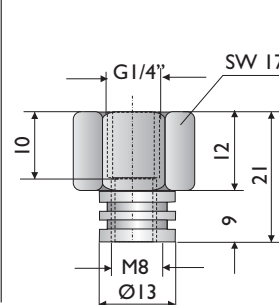
AT.0097 - AG 1/4"



AT.0712 - AG 1/4"



AT.0098 - IG 1/4"



Vakuuovalsauger Serie „Moosgummi“ 106x26 - 207x47mm

Oval Vacuum Suction Cups Series „Foam Rubber“ 106x26 - 207x47mm

Einsatz:

Sie sind besonders geeignet für die Abdichtung von sehr rauen und strukturierten Oberflächen, wie z.B. bruchrauer Naturstein, Betonstein, Ornamentglas usw.

Vorteil:

Sauger bei Verschleiß leicht auswechselbar

Use:

They are serve to obtain a vacuum with very rough and textured surfaces, such as rough natural stone, concrete, stained glass etc.

Advantage:

Easily replaceable suction cup when worn.

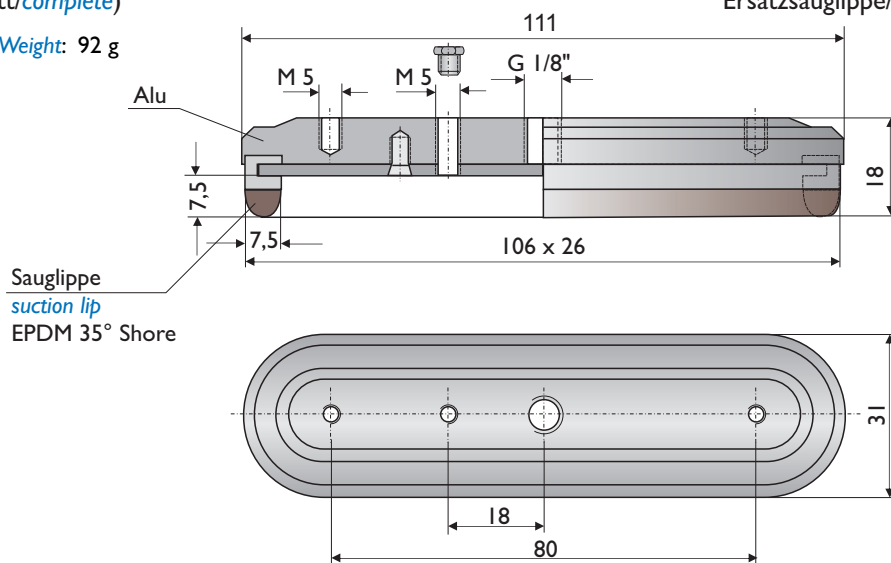
Art. No.: OVI.106x026.001.EPDM

(komplett/*complete*)

Gewicht/*Weight*: 92 g

Art. No.: OV.106x026.001.EPDM

Ersatzsauglippe/*spare lip*



Art. No.: OVI.207x047.001.EPDM

(komplett/*complete*)

Gewicht/*Weight*: 330 g

Art. No.: OV.207x047.001.EPDM

Ersatzsauglippe/*spare lip*

