

Vakuumflachsauger nach Durchmesser

Flat Vacuum Suction Cups by diameter

		Seite/page
Flachsauger/Flat Suction Cups	Vakuumflachsauger Ø 1,0 - 25 mm <i>Vacuum Flat Suction Cups dia. 1,0 - 25 mm</i>	2.035 - 2.078
	Vakuumflachsauger Ø 26 - 32 mm <i>Vacuum Flat Suction Cups dia. 26 - 32 mm</i>	2.079 - 2.090
	Vakuumflachsauger Ø 33 - 66 mm <i>Vacuum Flat Suction Cups dia. 33 - 66 mm</i>	2.091 - 2.112
	Vakuumflachsauger Ø 70 - 160 mm <i>Vacuum Flat Suction Cups dia. 70 - 160 mm</i>	2.113 - 2.131
	Vakuumflachsauger Ø 180 - 600 mm <i>Vacuum Flat Suction Cups dia. 180 - 600 mm</i>	2.132 - 2.143
	Vakuumflachsauger - Zubehör <i>Vacuum Flat Suction Cups - Accessories</i>	2.144

Hinweis:

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

Note:

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

Art. No.: F0.001.001.*

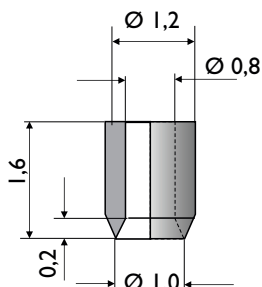
Hub/*Stroke*: 0,1 mm

Gewicht/*Weight*: 0,1 g

*Material:

NBR schwarz/*black*

Silikon transparent



Anschlusssteil/*Fitting*

AT.0626 - AG M3

Verpackungseinheit: 10 Stück

Packing unit: 10 pieces

Art. No.: F0.001.003.*

Hub/*Stroke*: 0,0 mm

Gewicht/*Weight*: 0,1 g

*Material

NBR schwarz/*black* -30° - +120° C

Silikon transparent -40° - +200° C

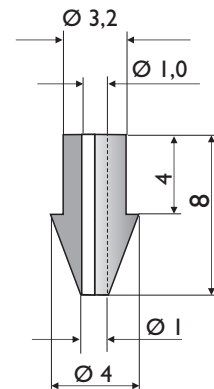
Silikon antistatisch/*antistatic* -40° - +200° C

Polyurethan blau/*blue* -20° - +70° C

FKM grau/*grey* -10° - +230° C

FKM schwarz/*black* -10° - +230° C

Silikon braun/*brown* -40° - +300° C (SHT)



Anschlusssteil/*Fitting*

00 08 01 - AG M5

Art. No.: F0.001.002.*

Hub/*Stroke*: 0,3 mm

Gewicht/*Weight*: 0,1 g

*Material:

NBR schwarz/*black*

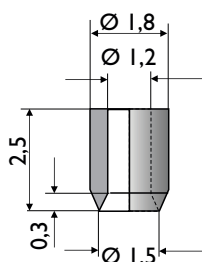
Silikon transparent

Anschlusssteile/*Fittings*

AT.0611 - AG M3

Verpackungseinheit: 10 Stück

Packing unit: 10 pieces



Art. No.: F0.002.004.*

Hub/*Stroke*: 0,0 mm

Gewicht/*Weight*: 0,1 g

*Material:

NBR schwarz/*black*

Silikon transparent -40° - +200° C

Silikon braun/*brown* -40° - +300° C

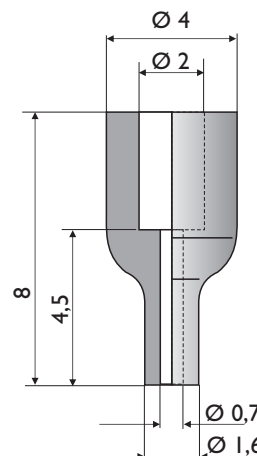
(SHT)

Bevorzugter Einsatz:

Elektronik-Industrie

Special use:

Electronic industry



Passend für Vakuumpinzetten

Art. No.: MFVTA-Set und

MEVTB-Set

Suitable for vacuum pincettes

Art. No.: MFVTA-Set and MEVTB-Set



Art. No.: F0.002.003.*

Hub/*Stroke*: 0,2 mm

Gewicht/*Weight*: 0,1 g

*Material

NBR schwarz/*black* -30 - +120° C

Silikon transparent -40 - +200° C

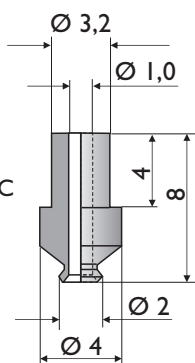
Silikon antistatisch/*antistatic* -40 - +200° C

Polyurethan blau/*blue* -20 - +70° C

FKM grau/*grey* -10 - +230° C

FKM schwarz/*black* -10 - +230° C

Silikon braun/*brown* -40 - +300° C (SHT)



Anschlusssteil/*Fitting*

00 08 01 - AG M5

Art. No.: F0.002.001.*

Hub/*Stroke*: 0,4 mm

Gewicht/*Weight*: 0,1 g

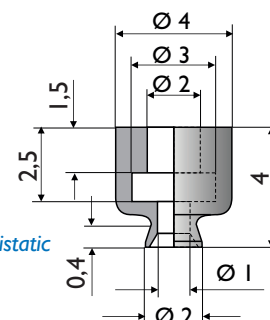
*Material:

NBR schwarz/*black* 50° Shore

Silikon transparent 50° Shore

FKM (Viton®)

Silikon schwarz/*black* antistatisch/*antistatic*



Anschlusssteile/*Fittings*

AT.0614 - AG M3

AT.0300 - AG M5

Auf Anfrage/*on request*:

Silikon +300° C (SHT),

NBR 40°/70° Shore

Silikon 20°/40°/60° Shore

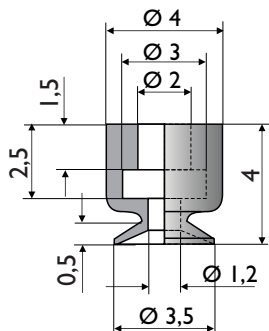
Vakuumflachsauger Ø 3 mm

Flat Vacuum Suction Cups dia. 3 mm

Art. No.: F0.003.001.*

Hub/*Stroke*: 0,5 mm
Gewicht/*Weight*: 0,1 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan
FKM (Viton®)
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
NBR schwarz/*black* 55° Shore
antistatisch/*antistatic*

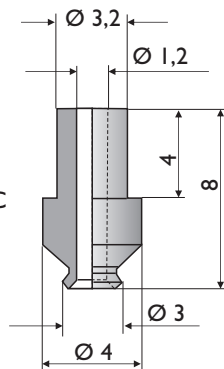


Anschlusssteile/*Fittings*
AT.0614 - AG M3
AT.0300 - AG M5

Art. No.: F0.003.002.*

Hub/*Stroke*: 0,3 mm
Gewicht/*Weight*: 0,1 g

*Material;
NBR schwarz/*black* -30° - +120° C
Silikon transparent -40° - +200° C
Silikon antistatisch/*antistatic* -40° - +200° C
Polyurethan blau/*blue* -20° - +70° C
FKM grau/*grey* -10° - +230° C
FKM schwarz/*black* -10° - +230° C
Silikon braun/*brown* -40° - +300° C (SHT)

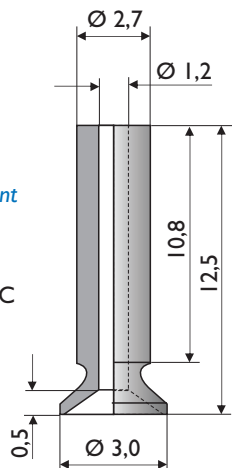


Anschlusssteile/*Fitting*
00 08 01 AG M5

Art. No.: F0.003.004.*

Hub/*Stroke*: 0,5 mm
Gewicht/*Weight*: 0,1 g

*Material:
Vinyl blau/*blue* 50° (Standard)/
30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/*oil resistant*
60° Shore 0° - +60° C
Silikon transparent 40°/45° Shore
-45° - +210° C
Silikon FDA 40°/60° Shore -45° - +210° C
Silikon 60° Shore
Hochtemperatur/*high temperature*
-45° - +230° C
Polyurethan 35°/40°/50°/60°/80° Shore
0° - +70° C



Anschlusssteile/*Fitting*
AT.0711 - AG M5

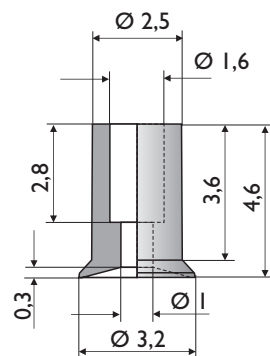
Art. No.: MEVP.003.*

Hub/*Stroke*: 0,3 mm
Gewicht/*Weight*: 0,1 g

*Material:
Silikon schwarz/*black*
antistatisch/*antistatic*
-20° - +130° C
10⁶ - 10⁸ Ohm

Andere Materialien
(NBR, Silikon transparent,
FKM) auf Anfrage.

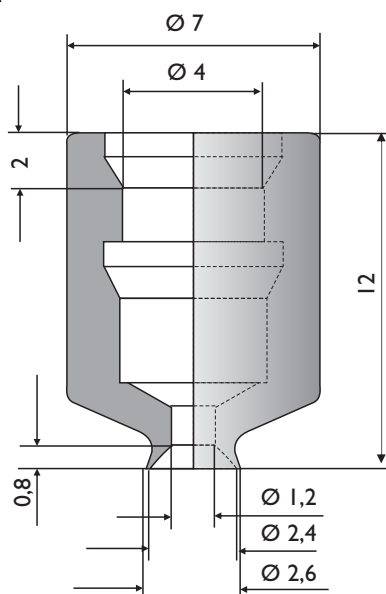
Other materials
(NBR, Silicone transparent,
FKM) on request.



Art. No.: F0.003.003.*

Hub/*Stroke*: 0,5 mm
Gewicht/*Weight*: 0,4 g

*Material:
NBR schwarz/*black*
Silikon transparent



Anschlusssteile/*Fittings*
AT.0705 - IG M5
AT.0134 - AG M5

Art. No. F0.004.001.*

Hub/Stroke: 1,0 mm

Gewicht/Weight: 0,1 g

*Material:

NBR, schwarz/black

EPDM schwarz/black (Peroxid vernetzt)

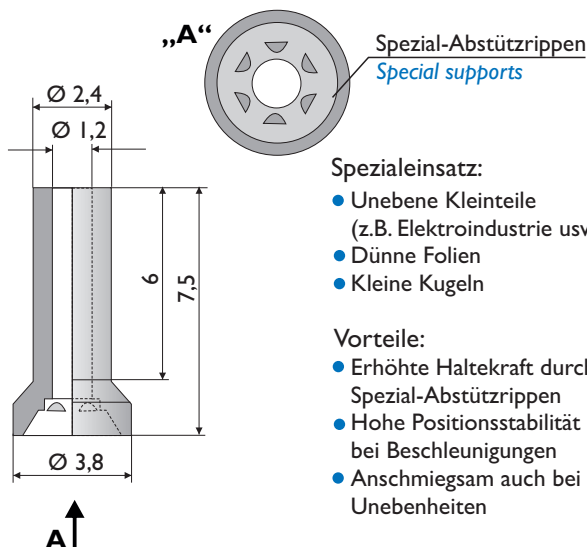
Andere Materialien auf Anfrage

Other materials on request

Anschlusssteil/Fitting

AT.0711 - AG M5

AT.0606 - AG M5



Spezialeinsatz:

- Unebene Kleinteile (z.B. Elektroindustrie usw.)
- Dünne Folien
- Kleine Kugeln

Vorteile:

- Erhöhte Haltekraft durch Spezial-Abstützrippen
- Hohe Positionsstabilität auch bei Beschleunigungen
- Anschmiegsam auch bei Unebenheiten

Special Use

- Uneven small parts (e.g. electronic industry etc.)
- Thin foil
- Small balls

Advantages:

- Large holding force by special supports
- High positional stability even at accelerations
- Conform even also with unevenness

Art. No.: F0.004.002.*

Hub/Stroke: 0,3 mm

Gewicht/Weight: 0,1 g

*Material:

NBR schwarz/black -30° - +120° C

Silikon transparent -40° - +200° C

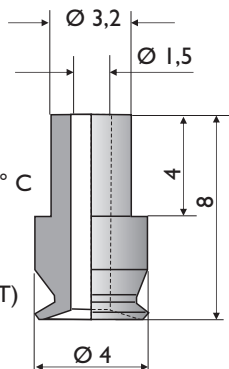
Silikon antistatisch/antistatic -40° - +200° C

Polyurethan blau/blue -20° - +70° C

FKM grau/grey -10° - +230° C

FKM(sw) schwarz/black -10° - +230° C

Silikon braun/brown -40° - +300° C (SHT)



Anschlusssteil/Fitting

00 08 01 - AG M5

Art. No. F0.004.004.*

Hub/Stroke: 0,5 mm

Gewicht/Weight: 0,1 g

*Material:

Vinyl blau/blue 50° (Standard)/

30° Shore 0° - +60° C

Vinyl schwarz/black ölbeständig/oil resistant

60° Shore 0° - +60° C

Silikon transparent 40°/45° Shore

-45° - +210° C

Silikon FDA 40°/60° Shore -45° - +210° C

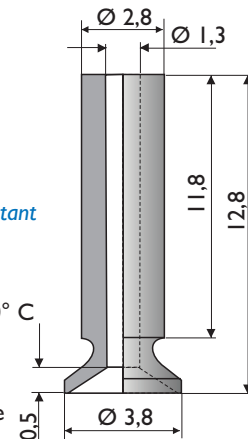
Silikon 60° Shore

Hochtemperatur/high temperature

-45° - +230° C

Polyurethan 35°/40°/50°/60°/80° Shore

0° - +70° C



Anschlusssteil/Fitting

AT.0711 - AG M5

Spezialeinsatz und Vorteile siehe oben
 Special use and advantages see above

Art. No. F0.004.005.*

Hub/Stroke: 1,0 mm

Gewicht/Weight: 1,0 g

*Material:

NBR schwarz/black 50° Shore

Silikon transparent 50° Shore

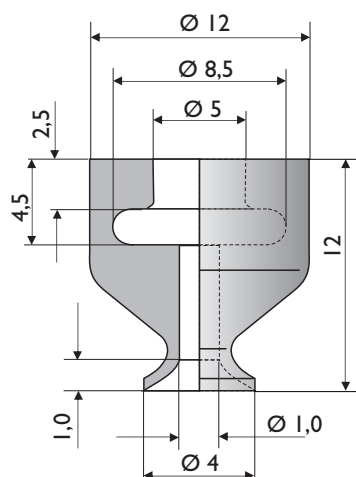
Silikon antistatisch/antistatic

schwarz/black 50° Shore

Fluorsilikon rot/red 40° Shore

Anschlusssteil/Fitting

AT.0536 - AG M5



Hubzylinder „VZP“ direkt aufsteckbar.

Lifting Cylinder „VZP“ attachable directly.

Vakuumflachsauger Ø 4 mm

Flat Vacuum Suction Cups dia. 4 mm

Art. No.: F0.004.006.*

Hub/Stroke: 0,7 mm
Gewicht/Weight: 0,3 g

*Material:
NBR schwarz/black
Silikon transparent

Vorteil:

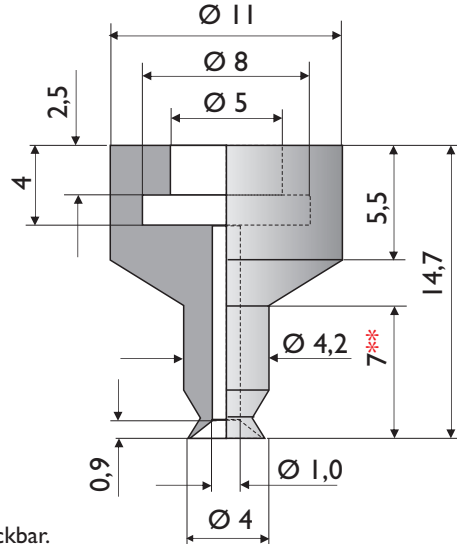
** Eintauchtiefe von 7 mm

Advantage:

** Immersions depth of 7 mm

Anschlusssteil/Fitting
AT.0536 - AG M5

Hubzylinder „VZP“ direkt aufsteckbar.
Lifting Cylinder „VZP“ attachable directly.

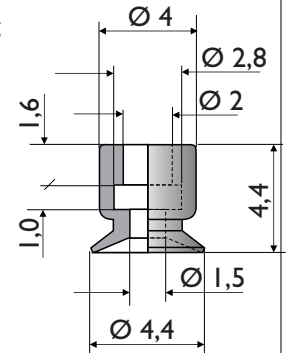


Art. No.: F0.004.007.*

Hub/Stroke: 0,5 mm
Gewicht/Weight: 0,1 g

*Material:
NBR schwarz/black
Silikon transparent
Silikon schwarz/black
antistatisch/antistatic

Anschlusssteile/Fittings
ATM.001 - AG M3
AT.0300-0.8-M5

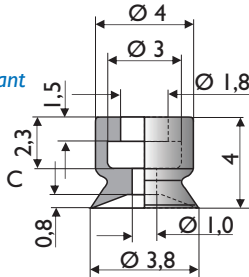


Art. No.: F0.004.008.*

Hub/Stroke: 0,6 mm
Gewicht/Weight: 0,1 g

*Material:
Vinyl blau/blue 50° (Standard)/
30° Shore 0° - +60° C
Vinyl schwarz/black ölbeständig/oil resistant
60° Shore 0° - +60° C
Silikon transparent 40°/45° Shore
-45° - +210° C
Silikon FDA 40°/60° Shore -45° - +210° C
Silikon 60° Shore
Hochtemperatur/high temperature
-45° - +230° C
Polyurethan 35°/40°/50°/60°/80° Shore
0° - +70° C

Anschlusssteile/Fittings
AT.0300-08 - AG M5
AT.0614 - AG M3

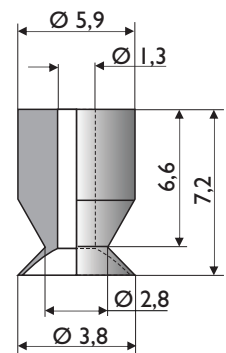


Art. No.: F0.004.009.*

Hub/Stroke: 0,5 mm
Gewicht/Weight: 0,2 g

*Material:
Vinyl blau/blue 50° (Standard)/
30° Shore 0° - +60° C
Vinyl schwarz/black ölbeständig/oil resistant
60° Shore 0° - +60° C
Silikon transparent 40°/45° Shore
-45° - +210° C
Silikon FDA 40°/60° Shore -45° - +210° C
Silikon 60° Shore
Hochtemperatur/high temperature
-45° - +230° C
Polyurethan 35°/40°/50°/60°/80° Shore
0° - +70° C

Anschlusssteil/Fitting
AT.0711 - AG M5



Art. No.: F0.005.001.*

Hub/*Stroke*: 0,9 mm

Gewicht/*Weight*: 0,1 g

*Material:

NBR schwarz/*black* 50° Shore

Silikon 50° Shore

Polyurethan

FKM (Viton®)

Silikon antistatisch/*antistatic* 50° Shore

NBR schwarz/*black* 55° Shore

antistatisch/*antistatic*

Auf Anfrage/*on request*:

Silikon +300° C

NBR 40°/70° Shore

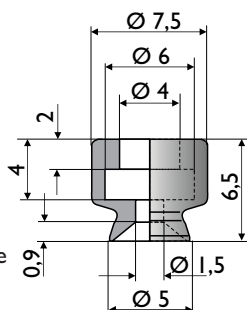
Silikon 20°/40°/60° Shore

Art.No.: F0.005.AM2.bl

hochabdruckarm/*high anti-marking*

temperaturbeständig/*temperature resistant*

-10° - +165° C



Anschlusssteile/*Fittings*

AT.0536 - AG M5(SH=3,5 mm)

AT.0650 - AG M5(SH=5,0 mm)

Art. No.: F0.005.002.*

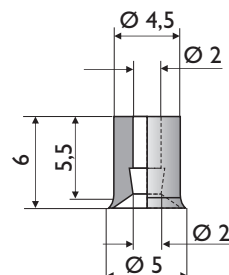
Hub/*Stroke*: 0,5 mm

Gewicht/*Weight*: 0,1 g

*Material:

CR schwarz/*black*

Silikon transparent



Anschlusssteile/*Fitting*

AT.0153 - AG M5

Art. No.: F0.005.006.*

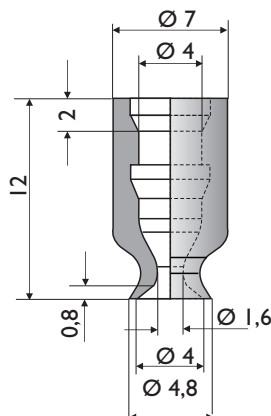
Hub/*Stroke*: 0,8 mm

Gewicht/*Weight*: 0,2 g

*Material:

NBR schwarz/*black*

Silikon transparent



Anschlusssteile/*Fittings*

AT.0705 - IG M5

AT.0134 - AG M5

Art. No.: F0.005.007.*

Hub/*Stroke*: 1,0 mm

Gewicht/*Weight*: 0,2 g

*Material:

Vinyl blau/*blue* 50° (Standard)/

30° Shore 0° - +60° C

Vinyl schwarz/*black* ölbeständig/*oil resistant*

60° Shore 0° - +60° C

Silikon transparent 40°/45° Shore

-45° - +210° C

Silikon FDA 40°/60° Shore -45° - +210° C

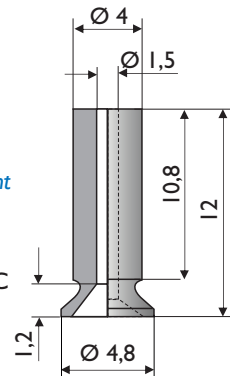
Silikon 60° Shore

Hochtemperatur/*high temperature*

-45° - +230° C

Polyurethan 35°/40°/50°/60°/80° Shore

0° - +70° C



Anschlusssteile/*Fitting*

AT.0701 - AG M5

Art. No.: F2.005.002.*

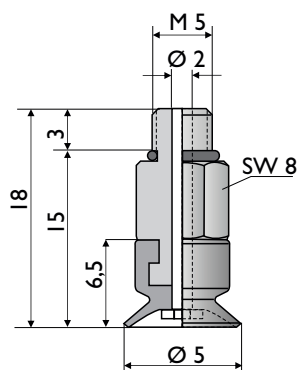
Hub/*Stroke*: 0,8 mm

Gewicht/*Weight*: 4,5 g

*Material:

NBR schwarz/*black*

Silikon transparent



Art. No.: MF.VP.005.*

Hub/*Stroke*: 0,5 mm

Gewicht/*Weight*: 0,2 g

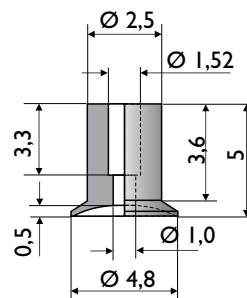
*Material:

Silikon schwarz/*black*

antistatisch/*antistatic*

-20° - +130° C

10⁶ - 10⁸ Ohm



Andere Materialien (NBR, Silikon transparent, FKM) auf Anfrage.

Other materials (NBR, Silicone transparent, FKM) on request.

Vakuumflachsauger Ø 6 mm

Flat Vacuum Suction Cups dia. 6 mm

Art. No.: F0.006.001.*

Hub/*Stroke*: 1,0 mm

Gewicht/*Weight*: 0,2 g

*Material:

NBR schwarz/*black* 50° Shore

Silikon 50° Shore

Polyurethan

FKM (Viton®)

Silikon antistatisch/*antistatic* 50° Shore

NBR schwarz/*black* 55° Shore

antistatisch/*antistatic*

Auf Anfrage/*on request*:

Silikon +300° C

NBR 40°/70° Shore

Silikon 20°/40°/60° Shore

Art.No.; F0.006.AM2.bl

hochabdruckarm/*high anti-marking*

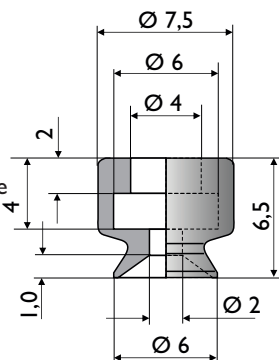
temperaturbeständig/*temperature resistant*

-10° - +165° C

Anschlusssteile/*Fittings*

AT.0536 - AG M5 (SH=3,5 mm)

AT.0650 - AG M5 (SH=5,0 mm)



Art. No.: F0.006.002.*

Hub/*Stroke*: 0,5 mm

Gewicht/*Weight*: 0,2 g

*Material:

NBR schwarz/*black* -30° - +120° C

Silikon transparent -40° - +200° C

Silikon antistatisch/*antistatic*

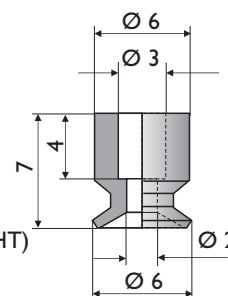
-40° - +200° C

Polyurethan blau/*blue* -20° - +70° C

FKM grau/*grey* -10° - +230° C

FKM schwarz/*black* -10° - +230° C

Silikon braun/*brown* -40° - +300° C (SHT)



Anschlusssteile/*Fitting*

AT.0283 - AG M5 (SH = 2,0 mm)

AT.0300 - AG M5 (SH = 3,5 mm)

Art. No.: F0.006.003.*

Hub/*Stroke*: 1,5 mm

Gewicht/*Weight*: 1,0 g

* Material:

NBR schwarz/*black*

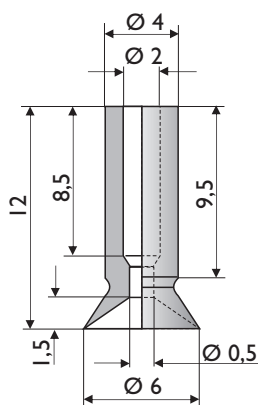
Silikon rot/*red*

Auf Anfrage/*on request*:

Vulkollan braun/*brown* 70° Shore

Anschlusssteile/*Fitting*

AT.0701 - AG M5



Art. No.: F0.006.004.*

Hub/*Stroke*: 1,0 mm

Gewicht/*Weight*: 1,0 g

*Material

NBR schwarz/*black* 50° Shore

Silikon transparent 50° Shore

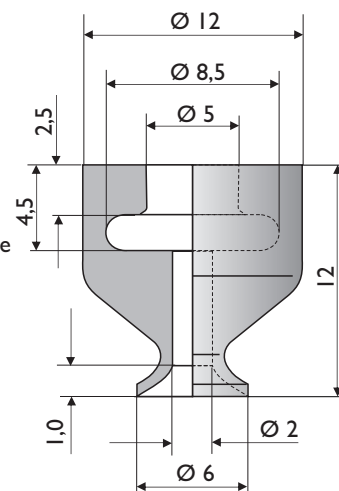
Silikon schwarz/*black* 50° Shore

antistatisch/*antistatic*

Fluorsilikon, rot/*red* 40° Shore

Anschlusssteile/*Fitting*

AT.0536 - AG M5



Hubzylinder „VZP“ direkt aufsteckbar.

Lifting Cylinder „VZP“ attachable directly.

Art. No.: MFVP.006.*

Hub/*Stroke*: 0,8 mm

Gewicht/*Weight*: 0,2 g

*Material:

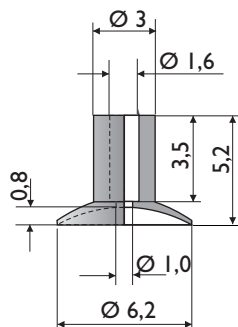
Silikon schwarz/*black*,
antistatisch/*antistatic*,
-20° - +130° C 10⁶ - 10⁸ Ohm

Andere Materialien

(NBR, Silikon transparent, FKM)

auf Anfrage.

*Other materials (NBR, Silicone transparent
FKM) on request.*



Art. No.: F0.006.005.*

Hub/*Stroke*: 0,6 mm

Gewicht/*Weight*: 0,1 g

*Material:

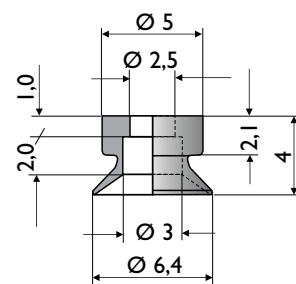
NBR schwarz/*black* 60° Shore

Silikon transparent 60° Shore

Anschlusssteile/*Fittings*

AT.0111 - AG M4

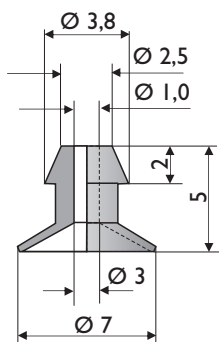
AT.0300 - AG M5



Art. No.: F0.007.001.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,1g

*Material:
 Silikon transparent

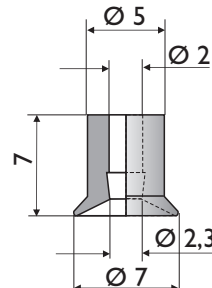


Art. No.: F0.007.002.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,2 g

*Material:
 NBR schwarz/*black*
 CR schwarz/*black*
 Silikon transparent
 Silikon rot/*red*

Anschlussteil/*Fitting*
 AT.0153 - AG M5

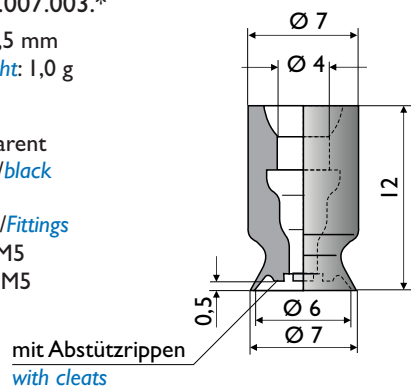


Art. No.: F0.007.003.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 Silikon transparent
 NBR schwarz/*black*

Anschlussteile/*Fittings*
 AT.0705 - IG M5
 AT.0134 - AG M5

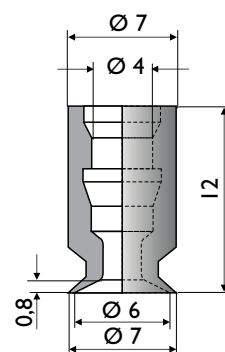


Art. No.: F0.007.004.*

Hub/*Stroke*: 0,8 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 Silikon transparent
 NBR schwarz/*black*

Anschlussteile/*Fittings*
 AT.0705 - IG M5
 AT.0134 - AG M5



Vakuumflachsauger Ø 8 mm

Flat Vacuum Suction Cups dia. 8 mm

Art. No.: F0.008.001.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,4 g

*Material:

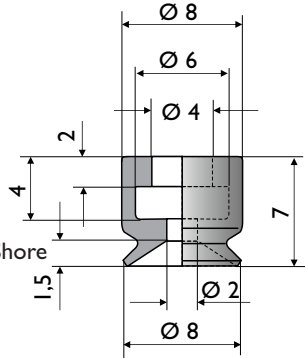
NBR schwarz/*black* 50° Shore
 Silikon 50° Shore
 Polyurethan blau/*blue* 50° Shore
 FKM (Viton®)
 Silikon antistatisch/*antistatic* 50° Shore
 NBR schwarz/*black* 55° Shore
 antistatisch/*antistatic*

Auf Anfrage/*on request*:

Silikon +300° C (SHT)
 NBR 40°/70° Shore
 Silikon 20°, 40°, 60° Shore

Art.No.: F0.008.AM2.bl

hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 von/*from* -10° - +165° C



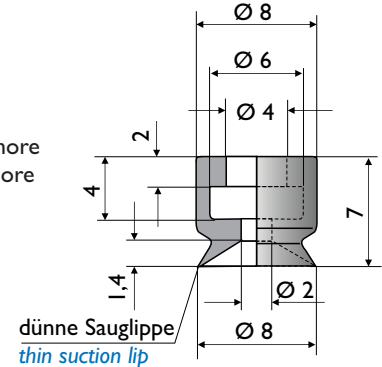
Anschlusssteile/*Fittings*
 AT.0536 - AG M5 (SH=3,5 mm)
 AT.0650 - AG M5 (SH=5,0 mm)

Art. No.: 01 08 07.*

Hub/*Stroke*: 1,4 mm
 Gewicht/*Weight*: 0,4 g

*Material:

NBR schwarz/*black* 60° Shore
 Silikon transparent 45° Shore
 -50° - +300° C



Anschlusssteile/*Fittings*
 AT.0536 - AG M5 (SH=3,5 mm)
 AT.0650 - AG M5 (SH=5,0 mm)

2

Art. No.: F0.008.002.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 0,2 g

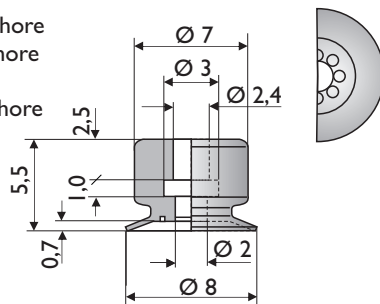
• Vorteil: sehr dünne Sauglippe
Advantage: very thin suction lip

* Material:

NBR schwarz/*black* 60° Shore
 Silikon transparent 50° Shore
 Silikon rot/*red* 50° Shore
 Fluorsilikon rot/*red* 40° Shore

Anschlusssteile/*Fittings*

AT.0283 - AG M5
 AT.0111 - AG M4



Art. No.: F0.008.008.*

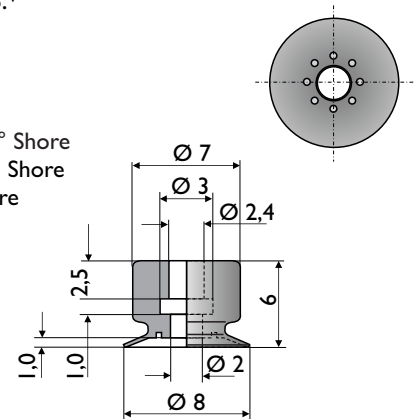
Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,2 g

*Material:

NBR schwarz/*black* 60° Shore
 Silikon transparent 50° Shore
 Silikon rot/*red* 50° Shore

Anschlusssteile/*Fittings*

AT.0283 - AG M5
 AT.0111 - AG M4



Art. No.: F0.008.005.*

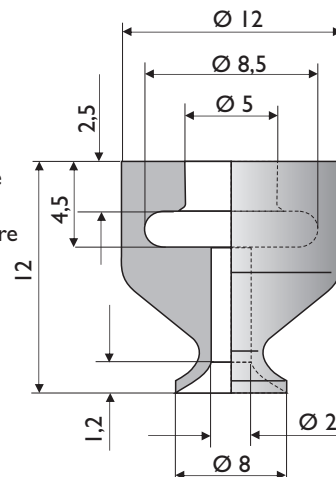
Hub/*Stroke*: 1,2 mm
 Gewicht/*Weight*: 1,0 g

* Material:

NBR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore
 Silikon schwarz/*black* 50° Shore
 antistatisch/*antistatic*
 Fluorsilikon rot/*red* 40° Shore

Anschlusssteile/*Fitting*

AT.0536 - AG M5



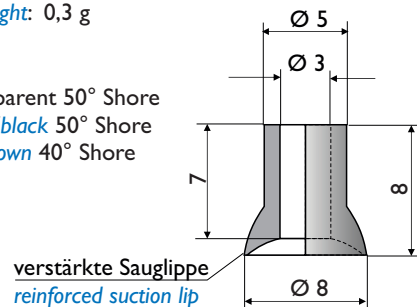
Hubzylinder „VZP“ direkt aufsteckbar.
Lifting Cylinder „VZP“ attachable directly.

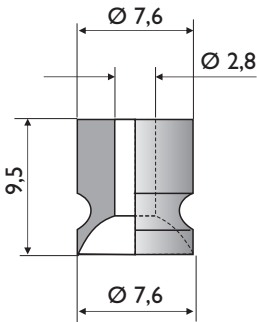
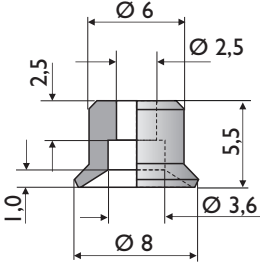
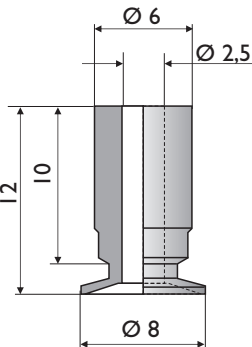
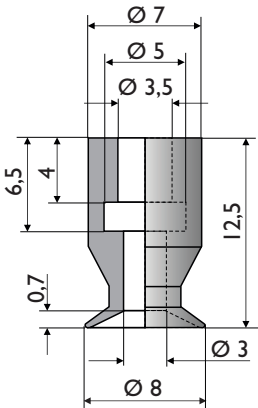
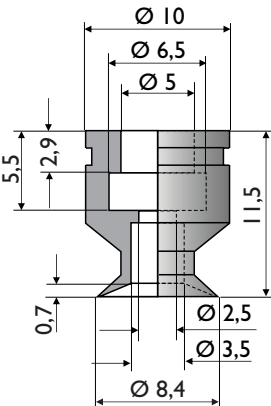
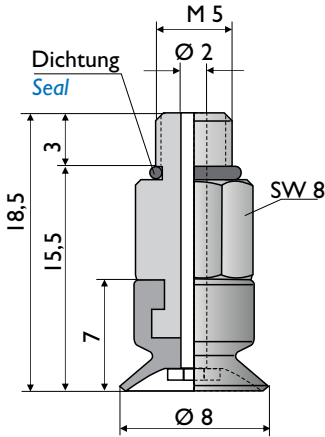
Art. No.: F0.008.006.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,3 g

* Material:

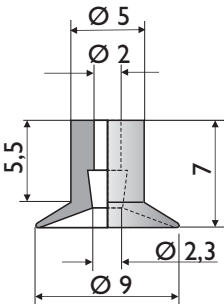
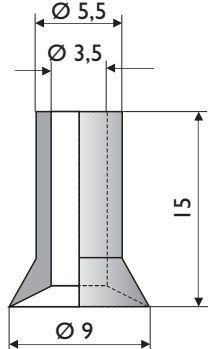
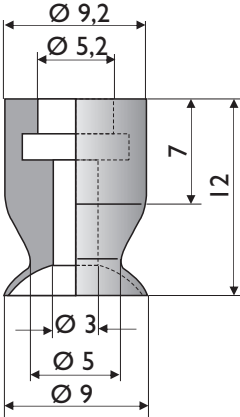
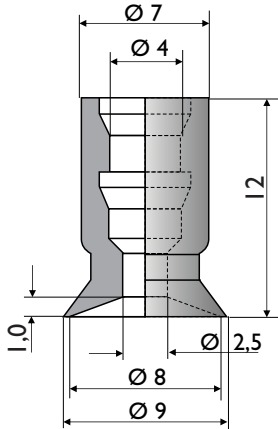
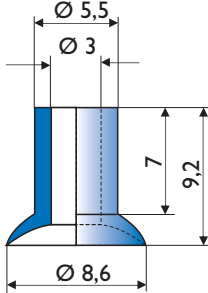
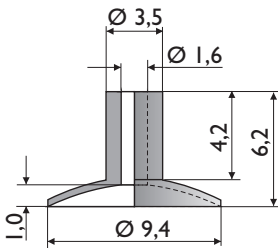
Silikon transparent 50° Shore
 NR schwarz/*black* 50° Shore
 NR braun/*brown* 40° Shore



<p>Art. No.: F0.008.007.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,5 g</p> <p>*Material: NR schwarz/<i>black</i></p> 	<p>Art. No.: F0.008.003.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,3 g</p> <p>*Material: NBR schwarz/<i>black</i> -30 - +120° C Silikon transparent -40 - +200° C Silikon antistatisch/<i>antistatic</i> -40 - +200° C Polyurethan blau/<i>blue</i> -20 - +70° C FKM grau/<i>grey</i> -10 - +230° C FKM schwarz/<i>black</i> -10 - +230° C Silikon braun/<i>brown</i> -40 - +300° C</p> <p>Anschlusssteil/<i>Fitting</i> AT.0283 - AG M5 (SH = 2,0 mm) AT.0300 - AG M5 (SH = 3,5 mm)</p> 
<p>Art. No.: F0.008.004.* Hub/<i>Stroke</i>: 0,3 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> -40 - +200° C Silikon transparent -40 - +200° C Silikon braun/<i>brown</i> -40 - +300° C NBR schwarz/<i>black</i> -30 - +120° C</p> <p>Anschlusssteil/<i>Fitting</i> AT.0283 - AG M5 (Ø 7) AT.0606 - AG M5 (SW 8)</p> 	<p>Art. No.: F0.008.010.* Hub/<i>Stroke</i>: 0,6 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: Silikon transparent Silikon antistatisch/<i>antistatic</i></p> <p>Anschlusssteil/<i>Fitting</i> AT.0022 - AG M5</p> 
<p>Art. No.: F0.008.009.* Hub/<i>Stroke</i>: 0,6 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: Silikon transparent Silikon rot/<i>red</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0536 - AG M5 (SH=3,5 mm) AT.0650 - AG M5 (SH=5,0 mm)</p> 	<p>Art. No.: F2.008.001.* Hub/<i>Stroke</i>: 1,2 mm Gewicht/<i>Weight</i>: 4,7 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon blau/<i>blue</i> Silikon transparent</p> 

Vakuumflachsauger Ø 9 mm

Flat Vacuum Suction Cups dia. 9 mm

<p>Art. No.: F0.009.001.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,3 g</p> <p><i>*Material:</i> NBRschwarz/<i>black</i> 50°/60° Shore CR schwarz/<i>black</i> Silikon transparent 40°/50° Shore Silikon rot/<i>red</i> 40° Shore</p> <p>Anschlusssteil/<i>Fitting</i> AT.0153 - AG M5</p> 	<p>Art. No.: F0.009.002.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p><i>*Material:</i> Silikon transparent 50° Shore NR braun/<i>brown</i> 40° Shore</p> <p>Anschlusssteile/<i>Fittings</i> AT.0104 - AG M6 AT.0134 - AG M5</p> 
<p>Art. No.: F0.009.003.* Hub/<i>Stroke</i>: 1,3 mm Gewicht/<i>Weight</i>: 0,3 g</p> <p><i>*Material:</i> Silikon transparent 50° Shore Silikon rot/<i>red</i> 55° Shore</p> <p>Anschlusssteil/<i>Fitting</i> AT.0022 - AG M5</p> 	<p>Art. No.: F0.009.004.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p><i>*Material:</i> Silikon transparent NBR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0705 - IG M5 AT.0134 - AG M5</p> 
<p>Art. No.: F0.009.005.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,3 g</p> <p><i>*Material:</i> Vinyl blau/<i>blue</i> 50° Shore</p> <p>Anschlusssteil/<i>Fitting</i> AT.0022 - AG M5</p> 	<p>Art. No.: MFVP.009.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p><i>*Material:</i> Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> -20° - +130° C 10⁶- 10⁸ Ohm</p> <p>Andere Materialien (NBR, Silikon transparent, FKM) auf Anfrage! <i>Other materials (NBR, Silicone transparent, FKM) on request!</i></p> 

Art. No.: F0.010.001.*

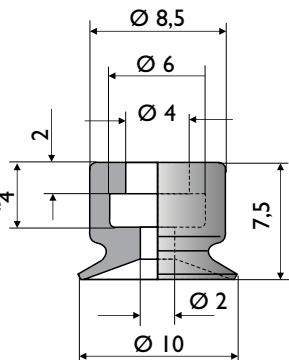
Hub/*Stroke*: 1,2 mm
 Gewicht/*Weight*: 0,2 g

*Material:
 NBR schwarz/*black* 50° Shore
 Silikon 50° Shore
 Polyurethan blau/*blue* 50° Shore
 FKM (Viton®)
 Silikon schwarz/*black*
 antistatisch/*antistatic* 50° Shore
 NBR schwarz/*black* 55° Shore
 antistatisch/*antistatic*

Auf Anfrage/*on request*:
 Silikon +300° C (SHT)
 NBR 40°/70° Shore
 Silikon 20°/40°/60° Shore

Art.No.: F0.010.AM2.bl

hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C



Anschlusssteile/*Fittings*
 AT.0536 - AG M5 (SH=3,5 mm)
 AT.0650 - AG M5 (SH=5,0 mm)

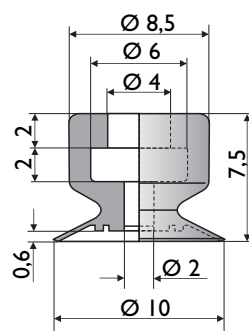
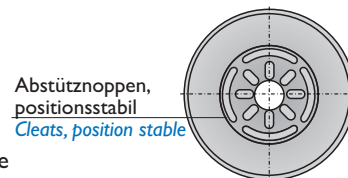
Art. No.: F0.010.002.*

Hub/*Stroke*: 0,6 mm
 Gewicht/*Weight*: 0,3 g

*Material:
 NBR schwarz/*black* 50° Shore
 Silikon transparent 60° Shore
 Silikon transparent 20° Shore
 Silikon blau/*blue* 60° Shore
 Silikon schwarz/*black*
 antistatisch/*antistatic* 50° Shore

Auf Anfrage/*on request*
 Silikon +300° C (SHT)

Anschlusssteile/*Fittings*
 AT.0536 - AG M5
 AT.0650 - AG M5

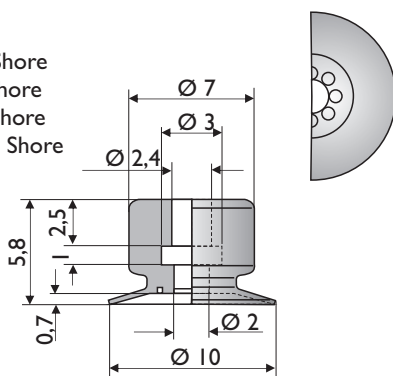


Art. No.: F0.010.013.*

Hub/*Stroke*: 0,7 mm
 Gewicht/*Weight*: 0,3 g

* Material:
 NBR schwarz/*black* 60° Shore
 Silikon transparent 50° Shore
 Fluorsilikon rot/*red* 40° Shore
 Silikon schwarz/*black* 50° Shore
 antistatisch/*antistatic*

• Vorteil: sehr dünne Sauglippe
Advantage: very thin suction lip



Anschlusssteile/*Fittings*
 AT.0283 - AG M5
 AT.0111 - AG M4

Art. No.: F0.010.003.*

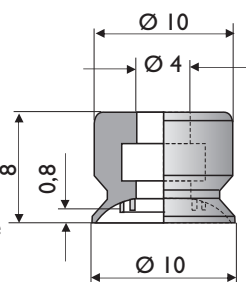
Hub/*Stroke*: 0,8 mm
 Gewicht/*Weight*: 1,0 g

* Material:
 HNBR schwarz/*black* 60° Shore
 -30° - +140° C
 Silikon transparent 50° Shore
 -40° - +180° C
 Polyurethan blau/*blue* 55° Shore
 -20° - +60° C
 FKM (Viton®) grau/*grey* 60° Shore
 -10° - +230° C
 NBR schwarz/*black* 50° Shore
 antistatisch/*antistatic*

Anschlusssteil/*Fitting*
 AT.0536 - AG M5

• Vorteile:
 Hoch ölbeständige HNBR-Qualität.
 Verstärkte Sauglippe mit Abstütz-
 rippen für mehr Positionsstabilität

• Advantages:
 High oil resistant HNBR quality.
 Reinforced lip with cleats for a
 better position stability

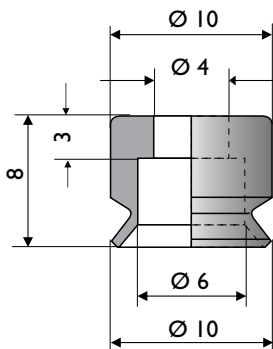


Art. No.: F0.010.007.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,6 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 Silikon schwarz/*black*
 antistatisch/*antistatic*
 PUR blau/*blue*
 FKM (Viton®) grau/*grey*

Anschlusssteil/*Fitting*
 AT.0536 - AG M5



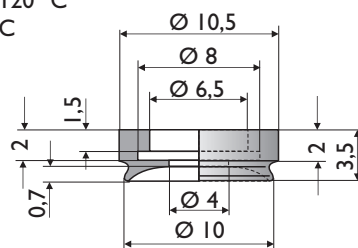
Art.No.: F0.010.005.*

Hub/*Stroke*: 0,7 mm
 Gewicht/*Weight*: 0,1 g

* Material:
 NBR schwarz/*black* -25° - +120° C
 Si transparent -60° - +250° C

Anschlusssteile/*Fittings*
 AT.0382 - IG M5
 AT.0715 - IG M5

• Vorteile/*Advantages*:
 niedrige Bauart / *low design*
 Sauglippe schnell wechselbar/
lip quick replaceable



Vakuumflachsauger Ø 10 mm

Flat Vacuum Suction Cups dia. 10 mm

Art. No.: F0.010.006.*

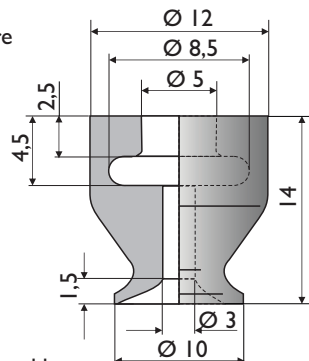
Hub/Stroke: 1,5 mm
Gewicht/Weight: 1,0 g

* Material:
NBR schwarz/black 50° Shore
Silikon transparent 50° Shore
Silikon schwarz/black 50° Shore
antistatisch/antistatic
Fluorsilikon rot/red 40° Shore

Anschlusssteil/Fitting
AT.0536 - AG M5

Hubzylinder „VZP“ direkt aufsteckbar.
Lifting Cylinder „VZP“ attachable directly.

- Vorteile:
sehr dünne, flexible Sauglippe
- Advantage:
very thin, flexible suction lip



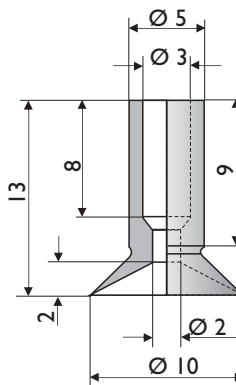
Art. No.: F0.010.008.*

Hub/Stroke: 2,0 mm
Gewicht/Weight: 1,0 g

* Material:
NBR schwarz/black
Silikon rot/red

Auf Anfrage/on request:
Vulkollan braun/brown 70° Shore

Anschlusssteile/Fittings
AT.0022.MS - AG M5
AT.0022.Alu - AG M5

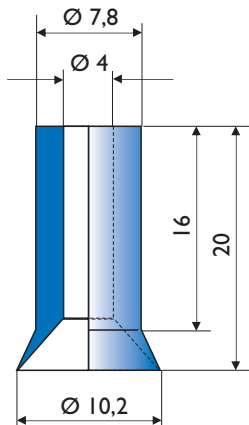


Art. No.: F0.010.014.*

Hub/Stroke: 1,0 mm
Gewicht/Weight: 0,8 g

*Material:
Vinyl blau/blue 50° Shore

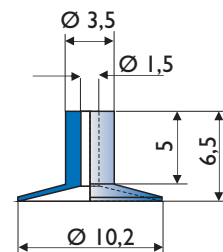
Anschlusssteile/Fittings
AT.0134 - AG M5
AT.0705 - IG M5



Art. No.: F0.010.015.*

Hub/Stroke: 0,5 mm
Gewicht/Weight: 0,2 g

*Material:
Vinyl blau/blue 50° Shore

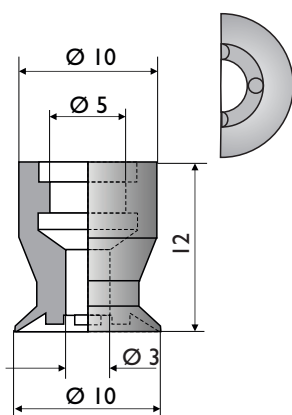


Art. No.: F0.010.009.*

Hub/Stroke: 1,5 mm
Gewicht/Weight: 0,6 g

*Material:
NBR schwarz/black
Silikon blau/blue 50° Shore

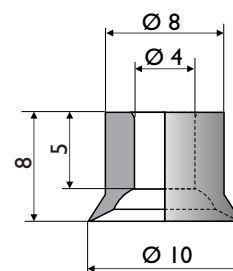
Anschlusssteile/Fittings
AT.0094 - AG M5
AT.0095 - AG 1/8"
AT.0096 - IG 1/8"



Art. No.: F0.010.010.*

Hub/Stroke: 1,5 mm
Gewicht/Weight: 0,4 g

*Material:
NBR schwarz/black
Silikon blau/blue 50° Shore



Art. No.: F2.010.001.*

Hub/*Stroke*: 1,2 mm

Gewicht/*Weight*: 4,8 g

*Material:

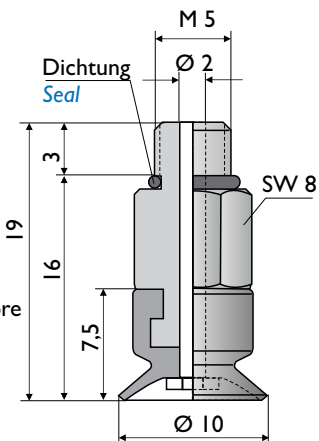
NBR schwarz/*black* 60° Shore

auf Anfrage/*on request* 40° Shore

Silikon blau/*blue* 60° Shore

Silikon transparent 60° Shore

auf Anfrage/*on request* 40°/20° Shore



Art. No.: F0.010.016.*

Hub/*Stroke*: 0,5 mm

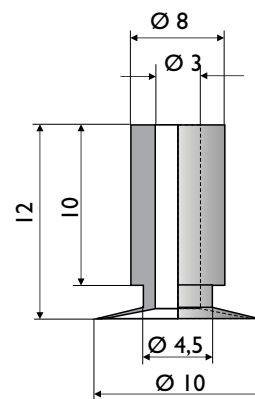
Gewicht/*Weight*: 0,3 g

*Material:

NBR schwarz/*black* 60° Shore

Silikon transparent 60° Shore

Anschlussstück/*Fitting*
 AT.0283 - AG M5



Art. No.: F0.010.017.*

Hub/*Stroke*: 1,2 mm

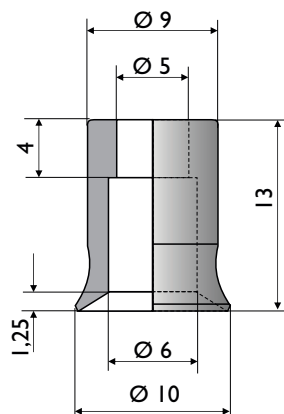
Gewicht/*Weight*: 0,6 g

*Material:

NBR schwarz/*black* 60° Shore

Silikon transparent 60° Shore

Anschlussstück/*Fitting*
 AG M5



Vakuumflachsauger Ø 11 mm

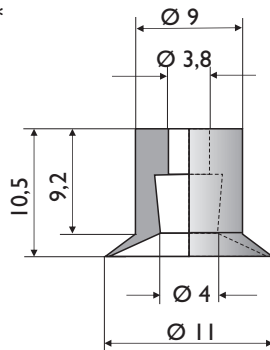
Flat Vacuum Suction Cups dia. 11 mm

Art. No.: F0.011.001.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,4 g

*Material:
 NBR schwarz/*black*
 CR schwarz/*black*
 Silikon transparent
 Silikon rot/*red*

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0104 - AG M6

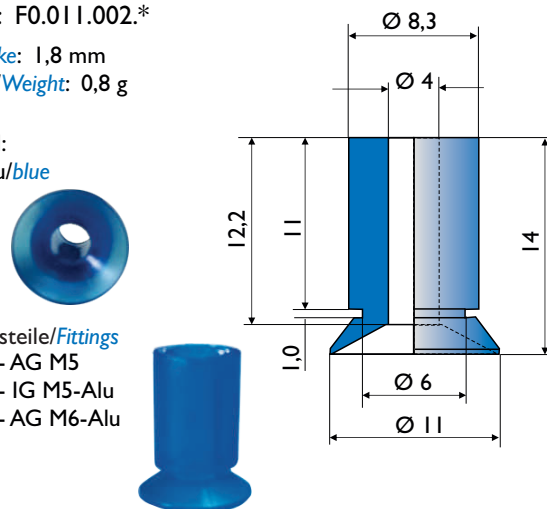


Art.No.: F0.011.002.*

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 0,8 g

*Material:
 Vinyl blau/*blue*

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0705 - IG M5-Alu
 AT.0104 - AG M6-Alu



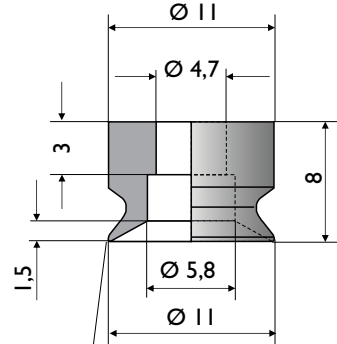
Art. No.: F0.011.003.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,5 g

*Material:
 Silikon transparent
 Silikon rot/*red*

Anschlusssteil/*Fitting*
 AT.0536 - AG M5

feine Sauglippe
fine suction lip

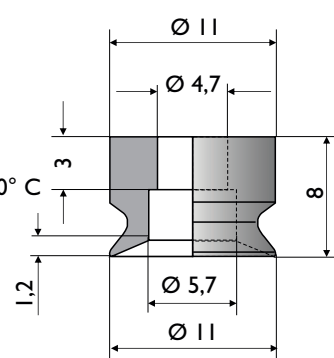


Art. No.: 01 11 08.*

Hub/*Stroke*: 1,2 mm
 Gewicht/*Weight*: 0,5 g

*Material:
 Silikon transparent -50° - +300° C

Anschlusssteil/*Fitting*
 AT.0536 - AG M5

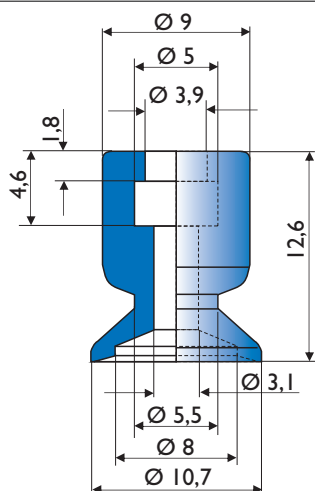


Art. No.: F0.011.005.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,4 g

*Material:
 Vinyl blau/*blue* 50° Shore

Anschlusssteil/*Fitting*
 AT.0536 - AG M5



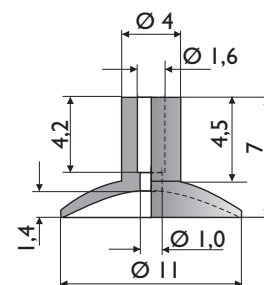
Art. No.: MEVP011.*

Hub/*Stroke*: 1,4 mm
 Gewicht/*Weight*: 0,2 g

*Material:
 Silikon schwarz/*black*
 antistatisch/*antistatic*
 -20° - +130° C
 10⁶- 10⁸ Ohm

Weitere Materialien (NBR, Silikon transparent und FKM)
 auf Anfrage.

Other materials (NBR, Silicone transparent, FKM) on request.

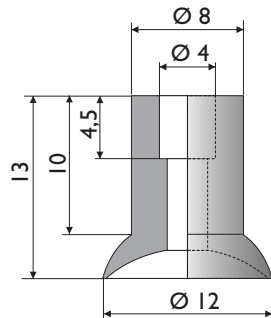


Art. No.: F0.012.001.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,5 g

*Material:
 EPDM schwarz/*black*

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0705 - IG M5

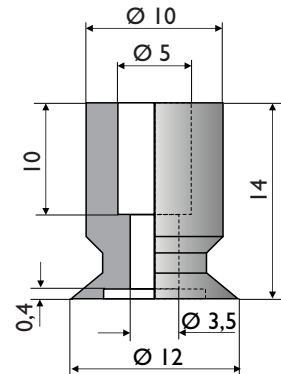


Art. No.: F0.012.003.*

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

*Material:
 NBR schwarz/*black*
 Silikon transparent
 NR braun/*brown* 40° Shore

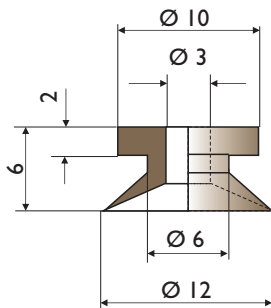
Anschlusssteil/*Fitting*
 AT.0613 - AG M5



Art. No.: F0.012.004.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 0,2 g

*Material:
 NR braun/*brown* 40° Shore

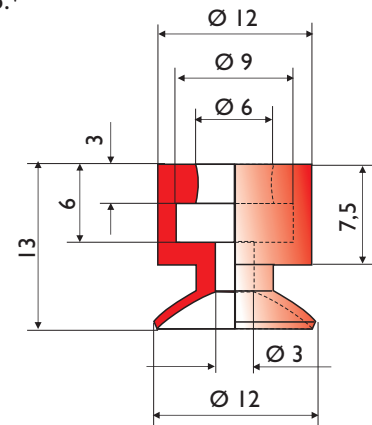


Art. No.: F0.012.005.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NR rot/*red* 40° Shore

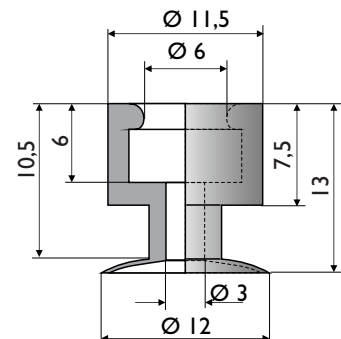
Anschlusssteile/*Fittings*
 AT.0137 - AG M5
 AT.0085 - AG 1/8"
 AT.0086 - IG 1/8"



Art. No.: F0.012.007.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 1,0 g

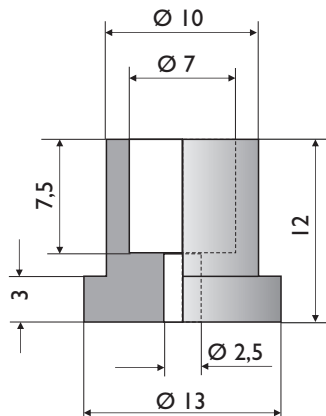
*Material:
 NBR schwarz/*black*
 Silikon transparent



Art. No.: F0.013.001.*

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NR schwarz/*black*
 auf Anfrage/*on request*:
 NR rot/*red*

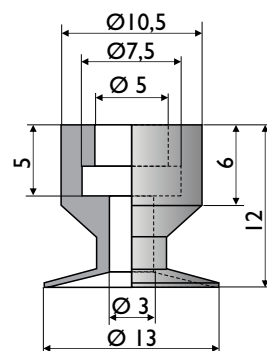


Art. No.: F0.013.005.*

Hub/*Stroke*: 0,6 mm
 Gewicht/*Weight*: 0,9 g

*Material:
 Silikon transparent 50° Shore

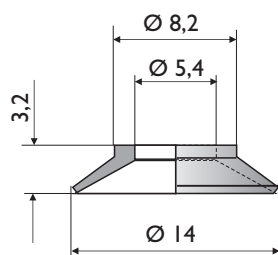
Anschlussteile/*Fittings*
 AT.0094 - AG M5
 AT.0064 - AG 1/8"
 AT.0065 - IG 1/8"



Art. No.: F0.014.001.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,3 g

*Material:
 NBR schwarz/*black*
 PU blau/*blue*

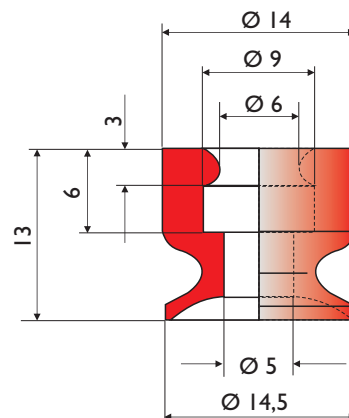


Art. No.: F0.014.002.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NR rot/*red* 40° Shore

Anschlussteile/*Fittings*
 AT.0137 - AG M5
 AT.0085 - AG 1/8"
 AT.0086 - IG 1/8"

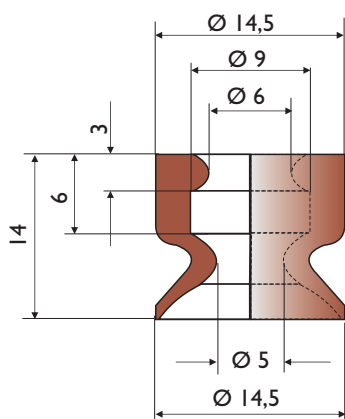


Art. No.: F0.014.003.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 Vulkollan braun/*brown*
 70° Shore
 hochverschleissfest/
high wear resistant
 hochabdruckarm/
high anti-marking

Anschlussteile/*Fittings*
 AT.0137 - AG M5
 AT.0085 - AG 1/8"
 AT.0086 - IG 1/8"

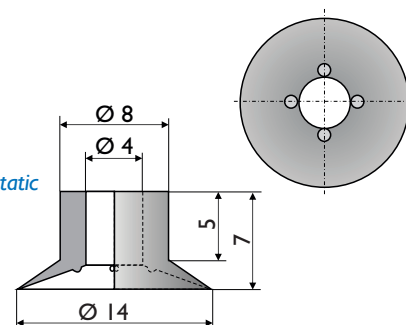


Art. No.: F0.014.004.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,4 g

*Material:
 NBR schwarz/*black*
 Silikon antistatisch/*antistatic*

Anschlussteil/*Fitting*
 AT.0650 - AG M5

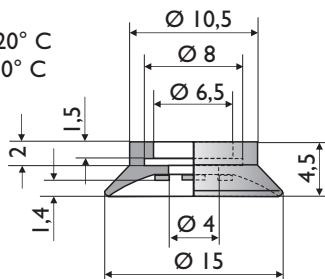


Art. No.: F0.015.010.*

Hub/*Stroke*: 1,4 mm
 Gewicht/*Weight*: 0,2 g

*Material:
 NBR schwarz/*black* -25 - +120° C
 Silikon transparent -60 - +250° C

Anschlusssteile/*Fittings*
 AT.0382 - IG M5
 AT.0715 - IG M5

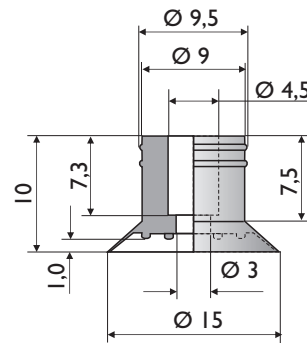


Art. No.: F0.015.006.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,6 g

*Material:
 Silikon transparent
 Silikon blau/*blue*
 NBR schwarz/*black*
 NR braun/*brown* 40° Shore

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0104 - AG M6
 AT.0705 - IG M5
 00 08 03 - AG 1/8"



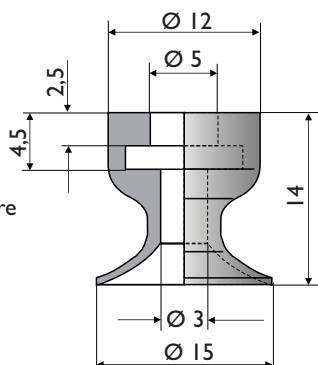
Art. No.: F0.015.007.*

Hub/*Stroke*: 2,4 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NBR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore
 Silikon schwarz/*black* 50° Shore
 antistatisch/*antistatic*
 Fluorsilikon rot/*red* 40° Shore

Anschlusssteile/*Fitting*
 AT.0536 - AG M5

Hubzylinder „VZP“ direkt aufsteckbar,
 siehe Seite 6.021
Lifting Cylinder „VZP“ attachable directly,
see page 6.021

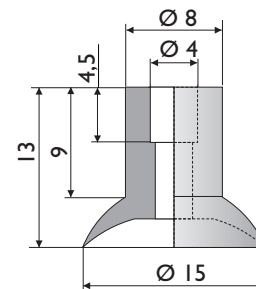


Art. No.: F0.015.005.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 0,6 g

*Material:
 EPDM schwarz/*black*

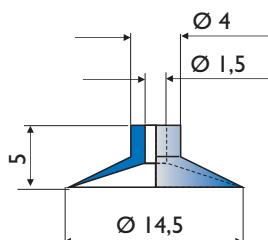
Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0705 - IG M5



Art. No.: F0.015.009.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,5 g

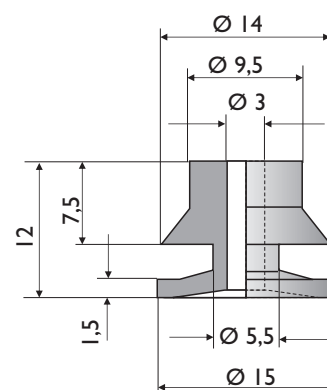
*Material:
 Vinyl blau/*blue*



Art. No.: F0.015.008.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NR schwarz/*black*



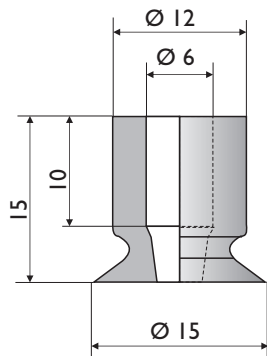
Vakuumflachsauger Ø 15 mm

Flat Vacuum Suction Cups dia. 15 mm

Art. No.: 01 15 15.*

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 1,1 g

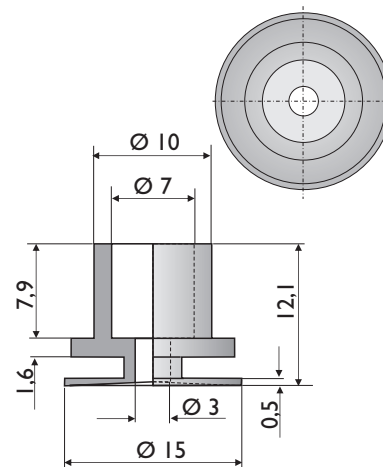
*Material:
 NR schwarz/*black* 50° Shore
 Silikon transparent 45° Shore
 -50° - +300° C



Art. No.: F0.015.011.*

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 NR schwarz/*black*
 Auf Anfrage/*on request*
 NR rot/*red*



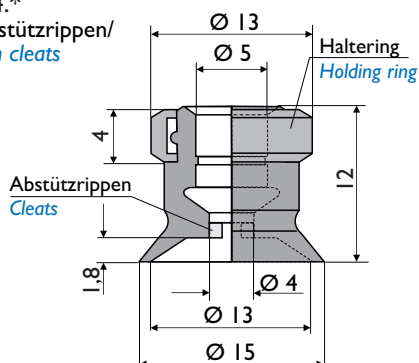
Art. No.: F0.015.014.*.Ring (Standard)
 mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.015.014.*
 ohne Haltering, mit Abstützrippen/
without holding ring, with cleats

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 2,5 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

Anschlussstück/*Fitting*
 AT.0624 - AG M5



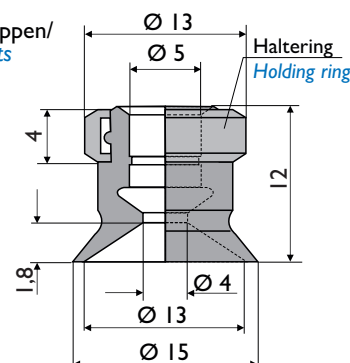
Art. No.: F0.015.015.*.Ring (Standard)
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Art. No.: F0.015.015.*
 ohne Haltering, ohne Abstützrippen/
without holding ring, without cleats

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,4 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

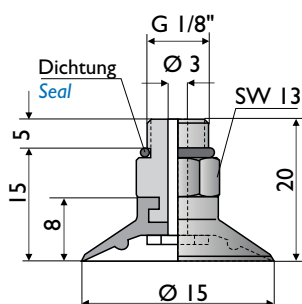
Anschlussstück/*Fitting*
 AT.0624 - AG M5



Art. No.: F2.015.001.*

Hub/*Stroke*: 1,2 mm
 Gewicht/*Weight*: 2,5 g

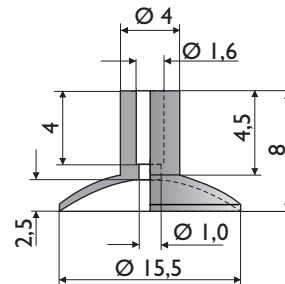
*Material:
 NBR schwarz/*black* 60° Shore
 Auf Anfrage/*on request* 40° Shore
 Silikon blau/*blue* 60° Shore



Art. No.: MEVP015.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 3,0 g

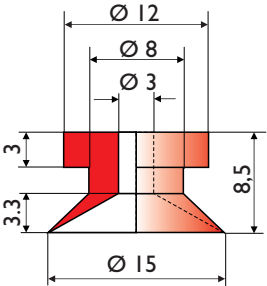
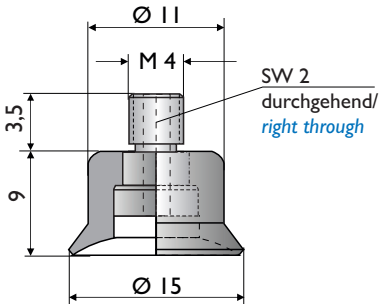
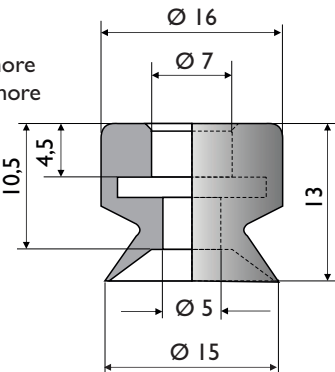
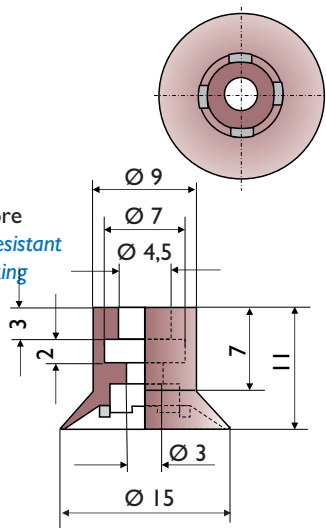
*Material:
 Silikon schwarz/*black*
 antistatisch/*antistatic*
 -20° - +130° C
 10⁶- 10⁸ Ohm



Andere Materialien (NBR, Silikon transparent, FKM) auf Anfrage.
Other materials (NBR, Silicone transparent, FKM) on request.

Vakuumflachsauger Ø 15 mm

Flat Vacuum Suction Cups dia. 15 mm

<p>Art. No.: F0.015.016.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 0,6 g</p> <p>*Material: Silikon rot/<i>red</i> 55° Shore</p> 	<p>Art. No.: F2.015.002.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,7 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> Polyurethan blau/<i>blue</i> FKM (Viton®) grau/<i>grey</i></p> 
<p>Art. No.: F0.015.018.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,8 g</p> <p>*Material: Silikon transparent 50° Shore NBR schwarz/<i>black</i> 50° Shore</p> <p>Anschlussstück/<i>Fitting</i> AT.0713 - AG M5</p> 	<p>Art. No.: F0.015.020.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,7 g</p> <p>*Material: Auf Anfrage/<i>on request</i>: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/<i>high wear resistant</i> hochabdruckarm/<i>high anti-marking</i></p> <p>Anschlussstücke/<i>Fittings</i> AT.0536 - AG M5 AT.0003 - AG 1/8" AT.0615 - IG 1/8"</p> 

Vakuumflachsauger Ø 16 mm

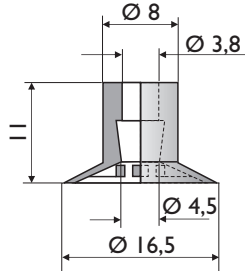
Flat Vacuum Suction Cups dia. 16 mm

Art. No.: F0.016.018.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,8 g

*Material:

NBR schwarz/*black* 50° Shore
 CR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore
 Silikon rot/*red* 50° Shore
 Silikon schwarz/*black* 50° Shore
 antistatisch/*antistatic*
 Polyurethan blau/*blue* 50 Shore
 Polyurethan transparent 75° Shore



Anschlussteile/*Fittings*

AT.0705 - IG M5
 AT.00 08 03 - AG 1/8"
 AT.0104 - AG M6
 AT.0134 - AG M5

Art. No.: F0.016.017.*

*Material:

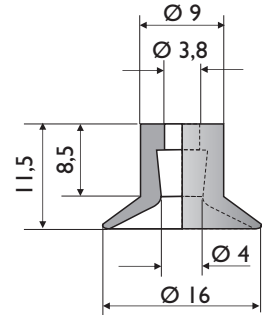
CR schwarz/*black*
 Silikon transparent

Art. No.: F0.016.019.*

*Material:

NBR schwarz/*black*
 Silikon rot/*red*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 0,8 g



Anschlussteile/*Fittings*

AT.0705 - IG M5
 AT.00 08 03 - AG 1/8"
 AT.0104 - AG M6
 AT.0134 - AG M5

Art. No.: F0.016.006.*

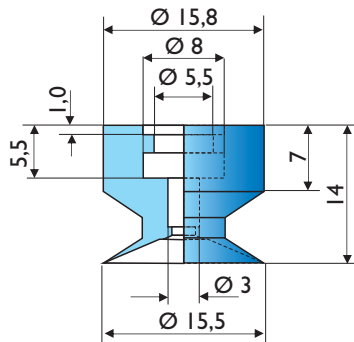
Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:

Polyurethan blau/*blue*

Anschlussteile/*Fittings*

AT.0085 - AG 1/8"
 AT.0086 - IG 1/8"
 AT.0137 - AG M5



Passend für diesen Spezialflachsauger:
 Vakuum-Hubzylinder „VZPT“ druckluftbetrieben
 (siehe Seite 6.021).

Suitable for this Special Flat Suction Cup:
Vacuum Lifting Cylinder „VZPT“ pneumatically operated
(see page 6.021).

Spezialeinsatz:

- Kunststoffindustrie
- Dünne Bleche
- Verpackungsindustrie
- Glas-Optik-Pharma-Industrie

Vorteile:

- Keine sichtbaren Abdrücke nach dem Handling!
- Hohe Verschleißfestigkeit
- Hohe Elastizität
- Gute Mineralöl- und Ozonbeständigkeit

Material:

- Spezial-Polyurethan 70° Shore A (blau)
- Temperaturbeständigkeit: -20° C - +80° C

Weitere Materialien auf Anfrage.

Special use:

- *Plastic industry*
- *Thin metal sheets*
- *Packaging industry*
- *Glass-Optik-Pharma-Industry*

Advantages:

- *No visible prints after the handling!*
- *High wear-resistance*
- *High elasticity*
- *Good mineral oil and ozone resistance*

Material:

- *Special material: Polyurethane 70° Shore A (blue)*
- *Temperature resistance: -20° C - +80° C*

Other materials on request.

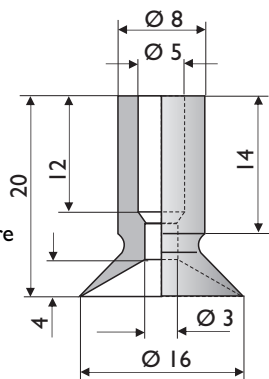
Art. No.: F0.016.003.*

Hub/*Stroke*: 4 mm
 Gewicht/*Weight*: 1,5 g

* Material:
 NBR schwarz/*black*
 Silikon transparent

Auf Anfrage/*on request*:
 Vulkollan braun/*brown* 50° Shore

Anschlussteile/*Fittings*
 AT.0613 - AG M5
 AT.0238 - AG 1/8"

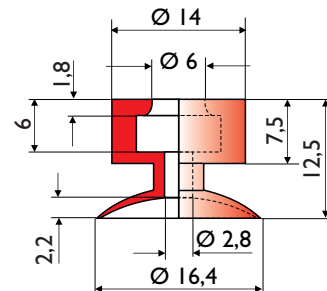


Art. No.: F0.016.016.*

Hub/*Stroke*: 2,2 mm
 Gewicht/*Weight*: 1,2 g

* Material:
 Silikon rot/*red* 40° Shore

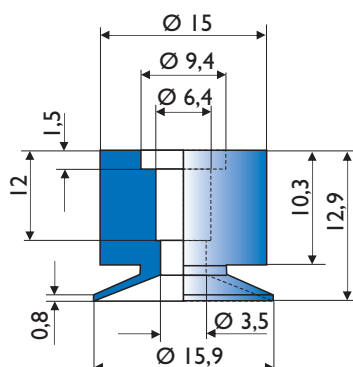
Anschlussteil/*Fitting*
 AT.0200 - AG M5



Art. No.: F0.016.021.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 1,8 g

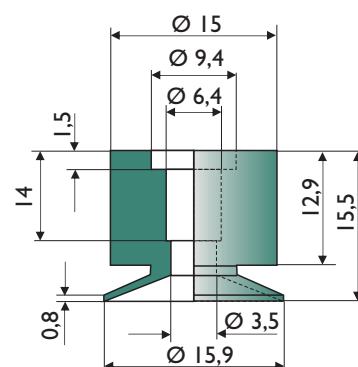
* Material:
 Vinyl blau/*blue*



Art. No.: F0.016.015.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 2,9 g

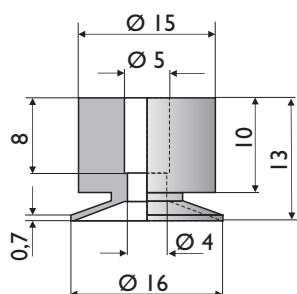
* Material:
 Vinyl grün/*green*



Art. No.: F0.016.001.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 2,4 g

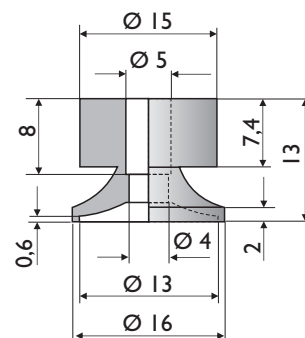
* Material:
 NR schwarz/*black* 40° Shore



Art. No.: F0.016.002.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 2,3 g

* Material:
 NR schwarz/*black* 40° Shore



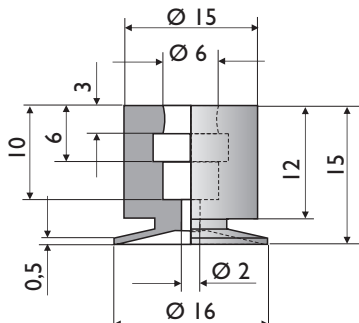
Vakuumflachsauger Ø 16 mm

Flat Vacuum Suction Cups dia. 16 mm

Art. No.: F0.016.007.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 2,5 g

* Material:
 NR grau/*grey* 40° Shore

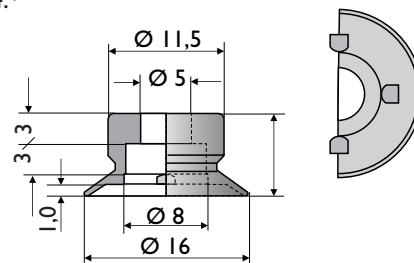


Art. No.: F0.016.004.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,5 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 Silikon schwarz/*black*
 antistatisch/*antistatic*

Anschlusssteil/*Fitting*
 AT.0536 - AG M5



Art. No.: F0.016.005.*

Spezialeinsatz:
 • Dünne Folien
 • Dünnstglas

Vorteile:
 • Keine Verformung der
 angesaugten Teile

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 0,8 g

* Material:
 Silikon schwarz/*black*
 antistatisch/*antistatic*

Anschlusssteil/*Fitting*
 AT.0536 - AG M5

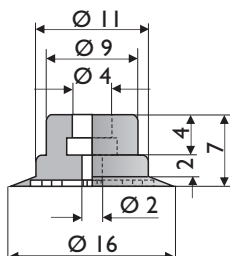
Weitere Materialien auf Anfrage/
Other materials on request

Special Use:

- Thin foils
- Thinnest glass

Advantages:

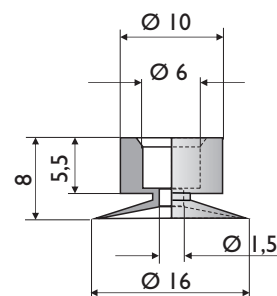
- No deformation of
 sucked parts



Art. No.: F0.016.012.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 0,4 g

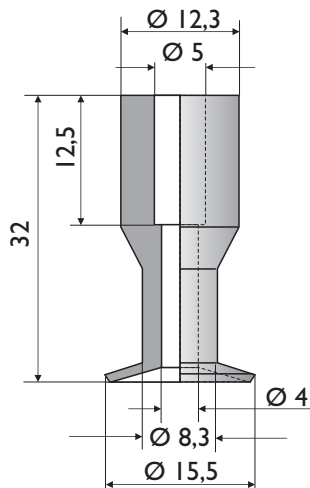
*Material:
 NR grau/*grey* 40° Shore



Art. No.: F0.016.014.*

Hub/*Stroke*: 0,8 mm
 Gewicht/*Weight*: 3,0 g

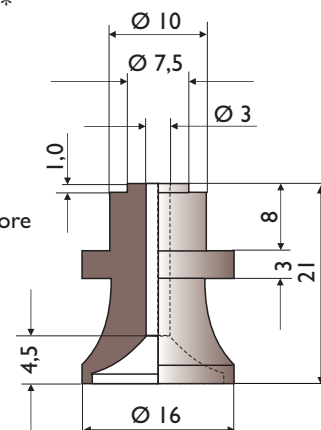
*Material:
 NR schwarz/*black* 40° Shore



Art. No.: F0.016.011.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 1,6 g

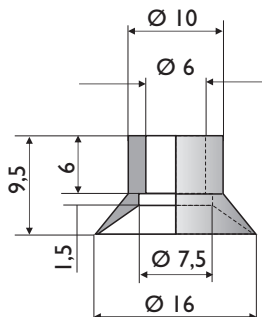
*Material:
 NR braun/*brown* 40° Shore



Art. No.: F0.016.008.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,4 g

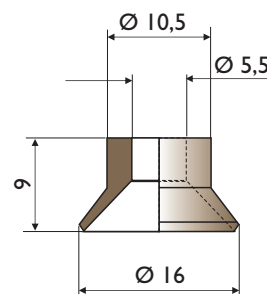
*Material:
 NR grau/*grey* 40° Shore



Art. No.: F0.016.009.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 0,4 g

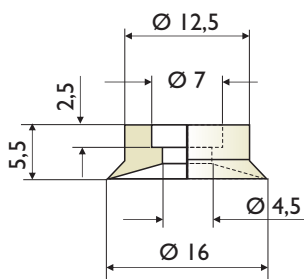
*Material:
 NR braun/*brown* 40° Shore



Art. No.: F0.016.010.*

Hub/*Stroke*: 0,3 mm
 Gewicht/*Weight*: 0,4 g

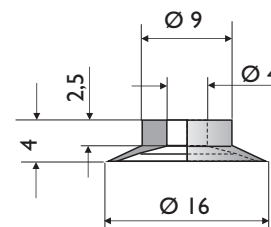
*Material:
 NR beige 40° Shore



Art. No.: F0.016.013.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 0,8 g

*Material:
 NR weiss/*white* 40° Shore



Vakuumflachsauger Ø 17 mm

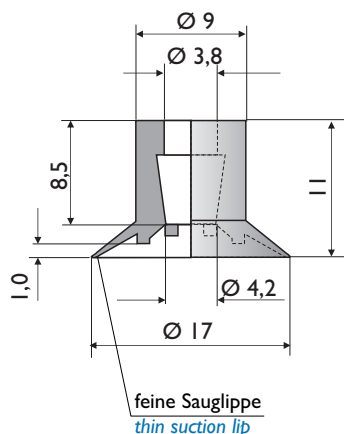
Flat Vacuum Suction Cups dia. 17 mm

Art. No.: 01 17 12.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,8 g

*Material:
 NBR schwarz/*black*
 NR schwarz/*black*
 Silikon transparent
 -50° - +300° C

Anschlussteile/*Fittings*
 AT.0134 - AG M5
 AT.0104 - AG M6
 00 08 06 - AG M5
 AT.0705 - IG M5
 00 08 03 - AG 1/8"

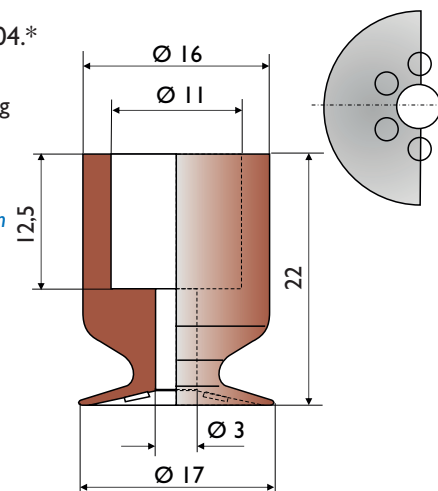


Art. No.: F0.017.004.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 2,4 g

*Material:
 Vulkollan braun/*brown*
 70° Shore
 hochverschleissfest/
high wear resistant
 hochabdruckarm/
high anti-marking

Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



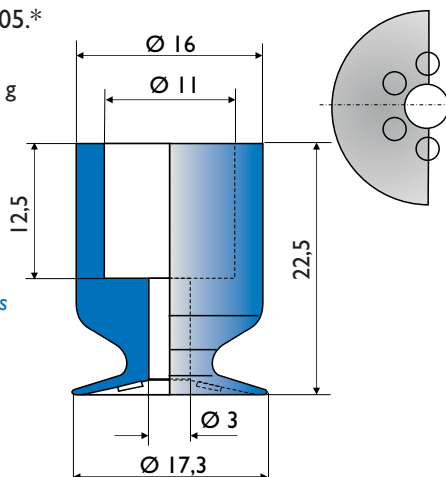
2

Art. No.: F0.017.005.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 2,9 g

*Material:
 Silikon blau/*blue*
 70° Shore
 Silikon transparent
 50° Shore

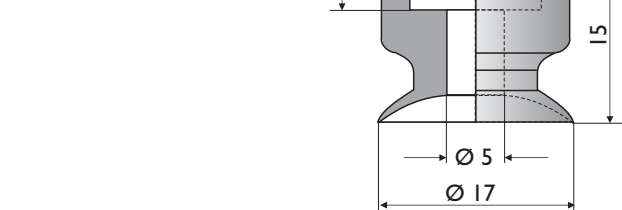
Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



Art. No.: F0.017.003.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 NR schwarz/*black* 50° Shore

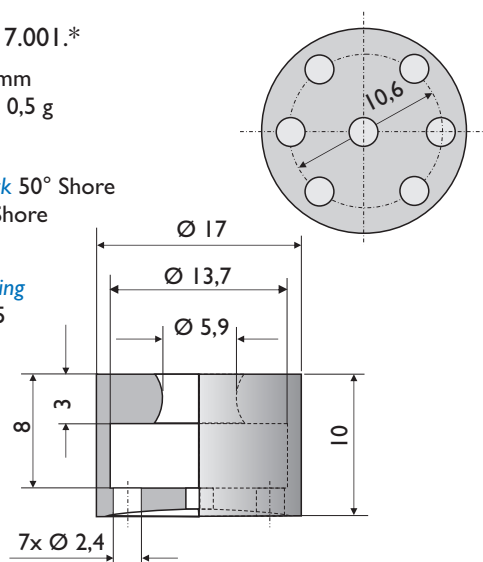


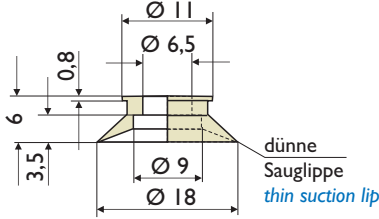
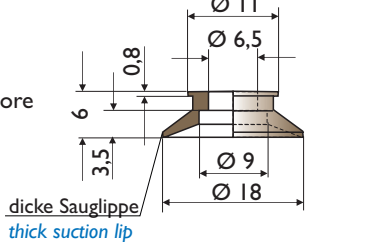
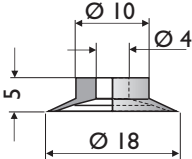
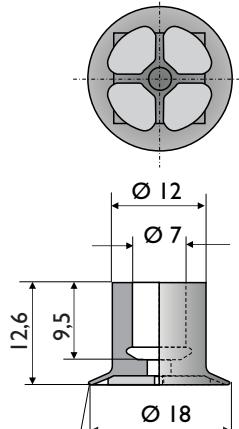
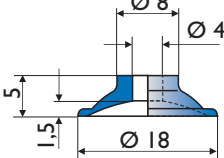
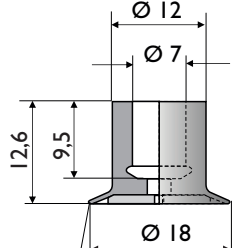
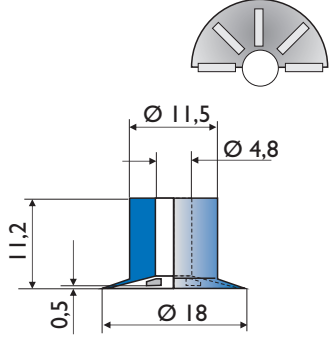
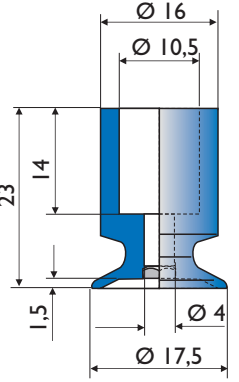
Art. No.: F0.017.001.*

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

*Material:
 NR schwarz/*black* 50° Shore
 NR rot/*red* 40° Shore

Anschlussteil/*Fitting*
 AT.0200 - AG M5



<p>Art. No.: F0.018.001.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: NR beige 40° Shore</p> 	<p>Art. No.: F0.018.001.* Hub/<i>Stroke</i>: 0,5 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: NR braun/<i>brown</i> 40° Shore</p> 
<p>Art. No.: F0.018.005.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,2 g</p> <p>*Material: NR schwarz/<i>black</i></p> 	<p>Art. No.: F0.018.015.* Hub/<i>Stroke</i>: 0,3 mm Gewicht/<i>Weight</i>: 1,1 g</p> <p>Vorteil/<i>Advantage</i>: Besonders geeignet für dünne Folien <i>particularly suitable for thin foils</i></p> <p>*Material: NBR grau/<i>grey</i> 50° Shore SBR rotbraun/<i>red-brown</i> 50° Shore Silikon transparent 40° Shore</p> 
<p>Art. No.: F0.018.006.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,4 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> 	<p>Anschlussteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238.MS - IG M5/AG 1/8"</p> <p>dünne Sauglippe <i>thin suction lip</i></p> 
<p>Art. No.: F0.018.007.* Hub/<i>Stroke</i>: 0,5 mm Gewicht/<i>Weight</i>: 1,3 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0613 - AG M5 AT.0104 - AG M6 AT.0003 - AG G1/8" AT.0615 - IG G1/8"</p> 	<p>Art. No.: F0.018.008.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 2,9 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0723 - AG G1/8" AT.0603 - AG G1/4"</p> 

Vakuumflachsauger Ø 18 mm

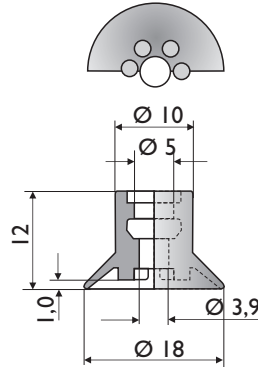
Flat Vacuum Suction Cups dia. 18 mm

Art. No.: F0.018.004.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 Silikon blau/*blue*
 NBR schwarz/*black*

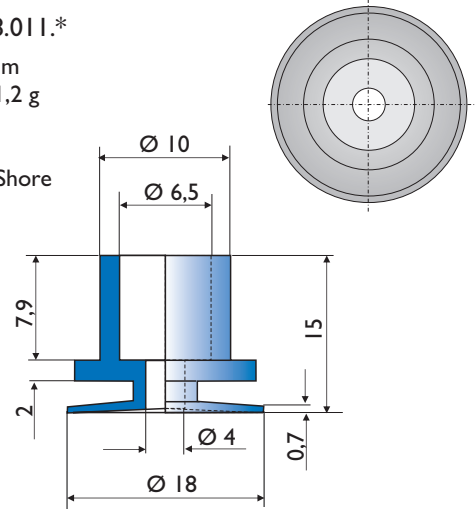
Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0095 - AG G1/8"
 AT.0096 - IG G1/8"



Art. No.: F0.018.011.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 NR blau/*blue* 50° Shore

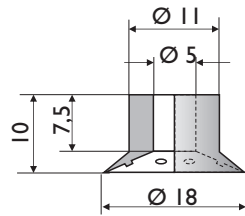


Art. No.: 01 18 12.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 NR schwarz/*black*
 NBR schwarz/*black*
 Silikon transparent +300° C

Anschlusssteile/*Fittings*
 AT.0613 - AG M5

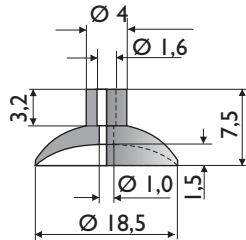


Art. No.: MEVP.018

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 3,0 g

*Material:
 Silikon schwarz/*black*
 antistatisch/*antistatic* -20° - +130° C
 10⁶ - 10⁸ Ohm

Andere Materialien (NBR,
 Silikon transparent, FKM) auf Anfrage.
*Other materials (NBR, Silicone transparent,
 FKM) on request.*

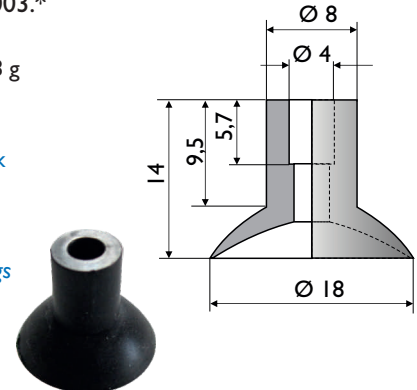


Art. No.: F0.018.003.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 0,8 g

*Material:
 EPDM schwarz/*black*

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0705 - IG M5



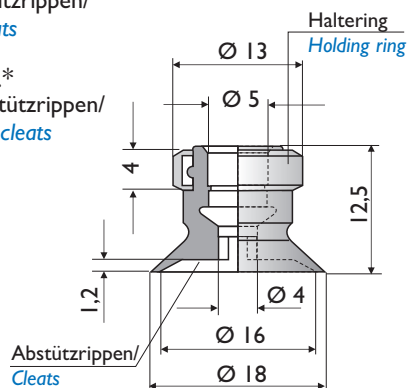
Art. No.: F0.018.009.* Ring (Standard)
 mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.018.009.*
 ohne Haltering, mit Abstützrippen/
without holding ring, with cleats

Hub/*Stroke*: 1,2 mm
 Gewicht/*Weight*: 2,7 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

Anschlusssteile/*Fitting*
 AT.0624 - AG M5



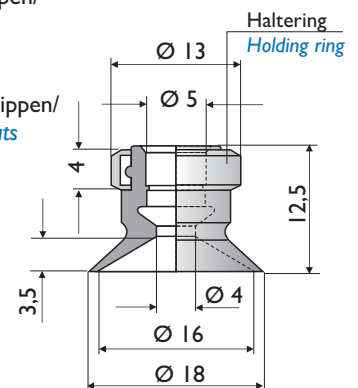
Art. No.: F0.018.010.* Ring (Standard)
 mit Haltering ohne Abstützrippen/
with holding ring, without cleats

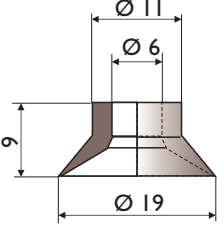
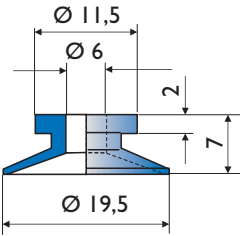
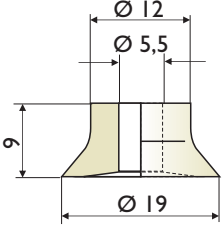
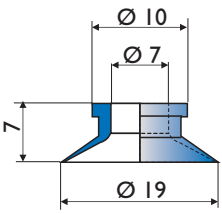
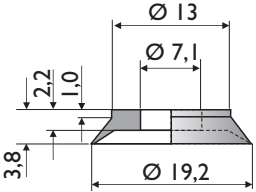
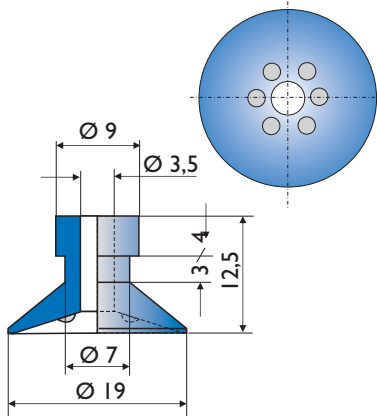
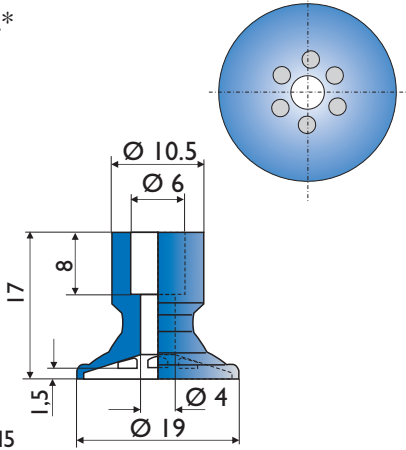
Art. No.: F0.018.010.*
 ohne Haltering, ohne Abstützrippen/
without holding ring, without cleats

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,6 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

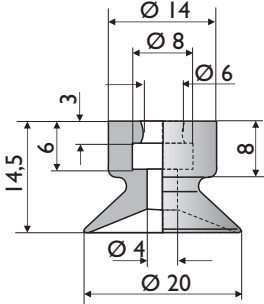
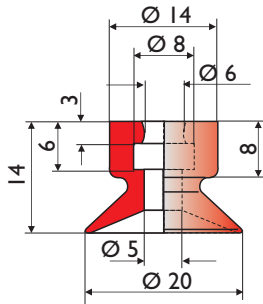
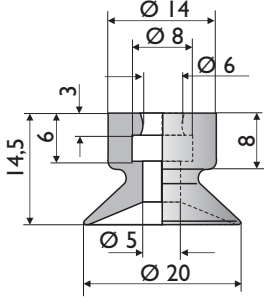
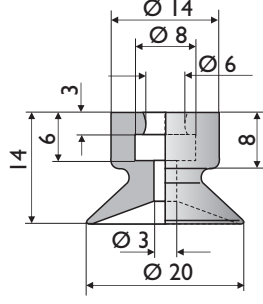
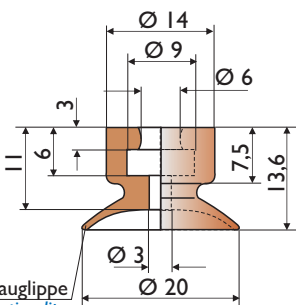
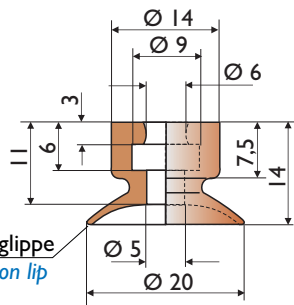
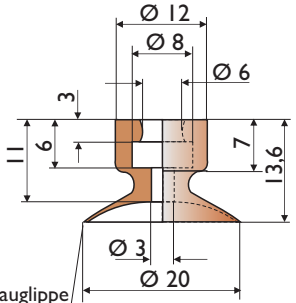
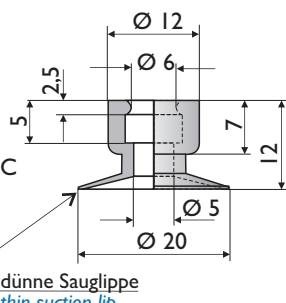
Anschlusssteile/*Fitting*
 AT.0624 - AG M5

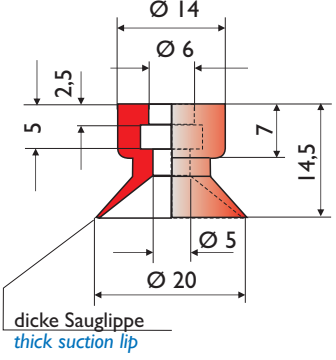
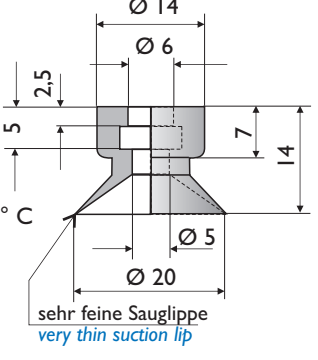
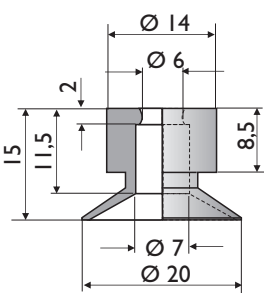
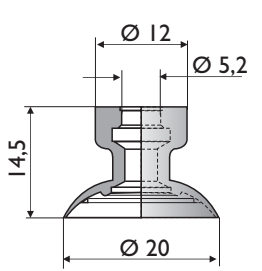
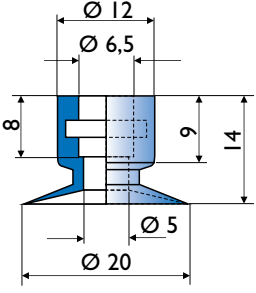
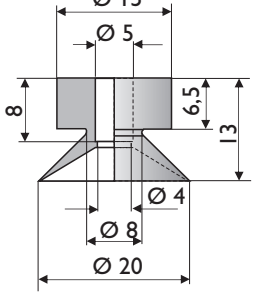
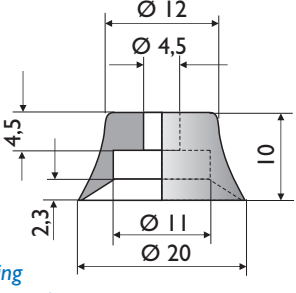
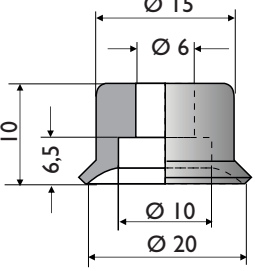


<p>Art. No.: F0.019.001.* Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 1,1 g</p> <p>*Material: NR braun/<i>brown</i> 40° Shore Silikon transparent</p> 	<p>Art. No.: F0.019.002.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 0,5 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> 
<p>Art. No.: F0.019.003.* Hub/<i>Stroke</i>: 0,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: NR beige 40° Shore</p> 	<p>Art. No.: F0.019.004.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 1,0 g</p> <p>*Material: NR braun/<i>brown</i> 40° Shore</p> 
<p>Art. No.: F0.019.005.* Hub/<i>Stroke</i>: 1,6 mm Gewicht/<i>Weight</i>: 0,5 g</p> <p>*Material: NR blau/<i>blue</i> 40° Shore PU rot/<i>red</i></p> 	<p>Art. No.: F0.019.006.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0134 - AG M5 AT.0705 - IG M5 AT.0104 - AG M6</p> 
<p>Art. No.: F0.019.007.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238 - AG 1/8"/IG M5</p> 	

Vakuumflachsauger Ø 20 mm

Flat Vacuum Suction Cups dia. 20 mm

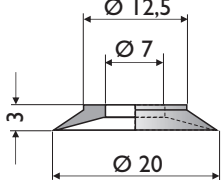
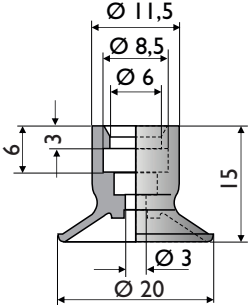
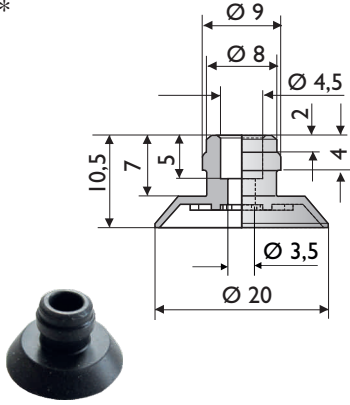
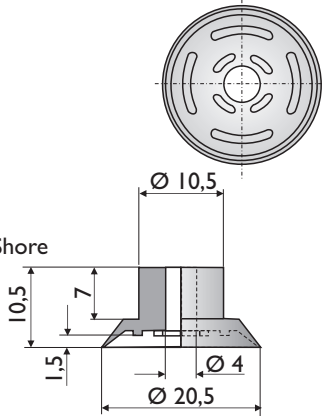
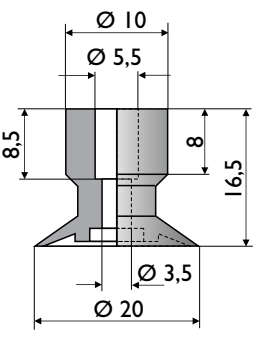
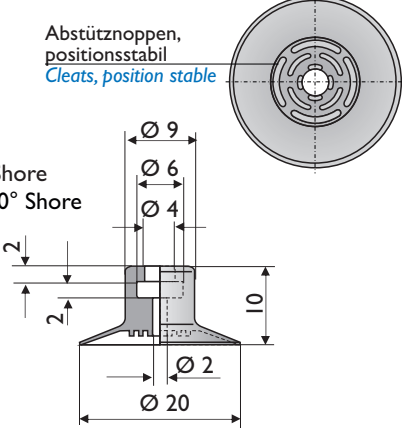
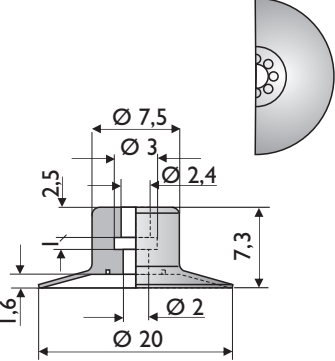
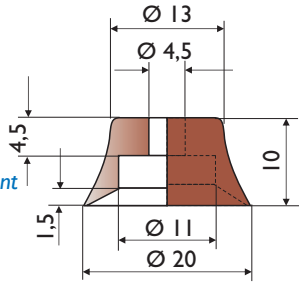
<p>Art. No.: F0.020.004.*</p> <p>Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NR rot/<i>red</i> 40° Shore NR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 	<p>Art. No.: F0.020.005.*./21</p> <p>Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NR rot/<i>red</i> 40° Shore</p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 
<p>Art. No.: F0.020.005.*./27</p> <p>Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NR rot/<i>red</i> 40° Shore NR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 	<p>Art. No.: F0.020.013.*</p> <p>Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NR rot/<i>red</i> 40° Shore NR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 
<p>Art. No.: F0.020.002.*</p> <p>Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/ <i>high wear resistant</i> hochabdruckarm/ <i>high anti-marking</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> <p>dicke Sauglippe/ <i>thick suction lip</i> 0,8 mm</p> 	<p>Art. No.: F0.020.003.*</p> <p>Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/ <i>high wear resistant</i> hochabdruckarm/ <i>high anti-marking</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> <p>dicke Sauglippe/ <i>thick suction lip</i></p> 
<p>Art. No.: F0.020.008.*</p> <p>Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/ <i>high wear resistant</i> hochabdruckarm/ <i>high anti-marking</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> <p>dünne Sauglippe/ <i>thin suction lip</i> 0,5 mm</p> 	<p>Art. No.: 01 20 12.*</p> <p>Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: NR schwarz/<i>black</i> NBR schwarz/<i>black</i> Silikon transparent -50° - +300° C</p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> <p>dünne Sauglippe/ <i>thin suction lip</i></p> 

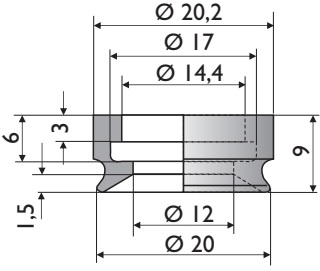
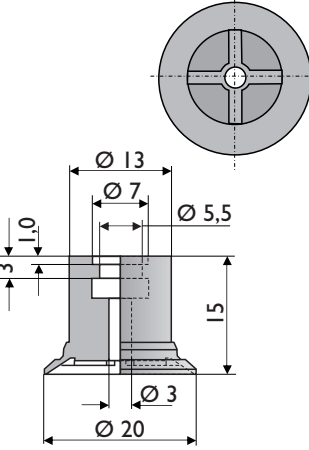
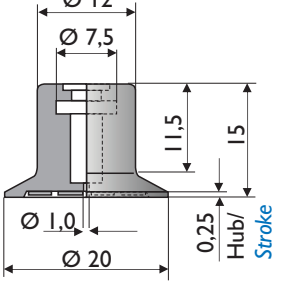
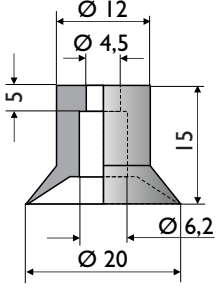
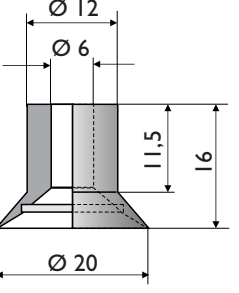
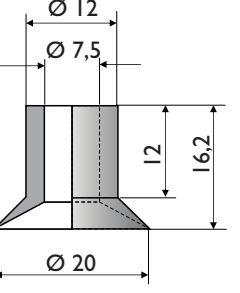
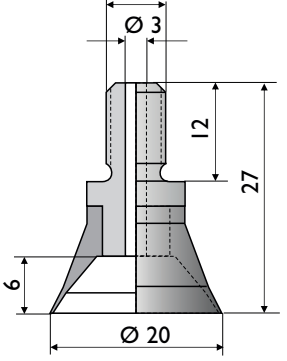
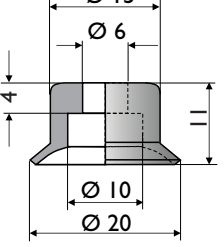
<p>Art. No.: 01 20 14.* Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: NR rot/<i>red</i> 40° Shore</p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 	<p>Art. No.: 01 20 15.* Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: NR schwarz/<i>black</i> NBR schwarz/<i>black</i> Silikon transparent -50° - +300° C</p> <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 
<p>Art. No.: F0.020.009.* Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: Vinyl transparent</p> <p>Anschlusssteile/<i>Fittings</i> AT.0200 - AG M5 AT.0567-4 - AG 1/8"</p> 	<p>Art. No.: F0.020.016.* Hub/<i>Stroke</i>: 4,5 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: NR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fitting</i> AT.0200 - AG M5</p> 
<p>Art.No.: F0.020.028.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238 - AG 1/8" AT.0109 - IG 1/8"</p> 	<p>Art. No.: F0.020.006.* Hub/<i>Stroke</i>: 4,0 mm Gewicht/<i>Weight</i>: 2,1 g</p> <p>*Material: NR schwarz/<i>black</i></p> <p>Anschlusssteile/<i>Fitting</i> AT.0624 - AG M5</p> 
<p>Art. No.: F0.020.001.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent PUR blau/<i>blue</i></p> <p>Art.No.; F0.020.AM2.bl hochabdruckarm/<i>high anti-marking</i> temperaturbeständig/<i>temperature resistant</i> -10° - +165° C</p> <p>Anschlusssteile/<i>Fittings</i> AT.0311 - AG M5 AT.0312 - AG M6 AT.0006 - AG 1/8"</p> 	<p>Art. No.: F0.020.022.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent PUR blau/<i>blue</i> FKM grau/<i>grey</i> Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0094 - M5 AG AT.0312 - M6 AG</p> 

Vakuumflachsauger Ø 20 mm

Flat Vacuum Suction Cups dia. 20 mm

2

<p>Art. No.: F0.020.026.* Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,1 g *Material: NBR schwarz/<i>black</i></p> 	<p>Art. No.: F0.020.020.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 2,0 g *Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlussteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p> 
<p>Art. No.: F0.020.014.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 0,7 g *Material: Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> Silikon transparent NBR schwarz/<i>black</i></p> <p>Anschlussteil/<i>Fitting</i> AT.0613 - AG M5</p> 	<p>Art. No.: F0.020.029.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 0,7 g *Material: NBR schwarz/<i>black</i> 60° Shore NR braun/<i>brown</i> 40° Shore Silikon transparent 55° Shore Silikon antistatisch/<i>antistatic</i> 50° Shore</p> <p>Anschlussteile/<i>Fittings</i> AT.0134 - AG M5 AT.0104 - AG M6 AT.0705 - IG M5 AT.0009 - AG 1/8"</p> 
<p>Art. No.: F0.020.015.* Hub/<i>Stroke</i>: 0,8 mm Gewicht/<i>Weight</i>: 1,2 g *Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlussteile/<i>Fittings</i> AT.0537 - AG M5 AT.0238 - AG 1/8"</p> <p>sehr hohe Haltekraft <i>very strong holding power</i></p> 	<p>Art. No.: F0.020.030.* Hub/<i>Stroke</i>: 1,2 mm Gewicht/<i>Weight</i>: 0,7 g *Material: NBR schwarz/<i>black</i> 50° Shore Silikon transparent 40°/60° Shore</p> <p>Anschlussteile/<i>Fittings</i> AT.0283 - AG M5 AT.0111 - AG M4</p> <p>Abstütznoppen, positionsstabil <i>Cleats, position stable</i></p> 
<p>Art. No.: F0.020.024.* Hub/<i>Stroke</i>: 1,6 mm Gewicht/<i>Weight</i>: 0,5 g *Material: NBR schwarz/<i>black</i> 60° Shore Fluorsilikon rot/<i>red</i> 40° Shore</p> <p>Vorteil: sehr dünne Sauglippe <i>Advantage: very thin suction lip</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0283 - AG M5 AT.0111 - AG M4</p> 	<p>Art. No.: F0.020.035.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,5 g *Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/<i>high wear resistant</i> hochabdruckarm/<i>high anti-marking</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0311 - AG M5 AT.0312 - AG M6 AT.0006 - AG 1/8"</p> 

<p>Art. No.: F0.020.027.*</p> <p>Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,0 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon transparent</p>  <p>Anschlusssteil/<i>Fitting</i> AT.0233 - IG 1/8"</p>	<p>Art. No.: F0.020.007.*</p> <p>Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>* Material: NBR schwarz/<i>black</i> 40° Shore Silikon transparent 30° Shore Silikon rot/<i>red</i> 60° Shore</p> <p>Weitere Materialien auf Anfrage. <i>Other materials on request.</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0085 - AG 1/8" AT.0086 - IG 1/8" AT.0137 - AG M5 (SH=5) AT.0637 - AG M5 (SH=15)</p> 
<p>Art. No.: SV.020.002.*</p> <p>Hub/<i>Stroke</i>: 0,25 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NR orange 40° Shore Silikon transparent</p>  <p>Anschlusssteile/<i>Fittings</i> AT.0137 - AG M5 AT.0085 - AG 1/8" AT.0086 - IG 1/8"</p>	<p>Art. No.: F0.020.023.*</p> <p>Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: NBR schwarz/<i>black</i> 50° Shore Silikon transparent 50° Shore Silikon schwarz/<i>black</i> 50° Shore antistatisch/<i>antistatic</i> Fluorsilikon rot/<i>red</i> 40° Shore</p> <p>Anschlusssteile/<i>Fittings</i> AT.0613 - AG M5 AT.0003 - AG 1/8"</p> 
<p>Art. No.: F0.020.017.*</p> <p>Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: NR braun/<i>brown</i> 40° Shore NBR schwarz/<i>black</i> Silikon transparent</p>  <p>Anschlusssteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238 - AG 1/8"/IG M5</p>	<p>Art. No.: F0.020.010.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 1,5 g</p> <p>*Material: Silikon transparent NBR schwarz/<i>black</i> NR braun/<i>brown</i> 40° Shore</p> <p>Anschlusssteil/<i>Fitting</i> 00 08 82 - AG 1/8"</p> 
<p>Art. No.: F2.020.001.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 6,0 g</p> <p>*Material: NBR schwarz/<i>black</i> 50° Shore Silikon transparent 50° Shore</p> 	<p>Art. No.: F0.020.031.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 2,5 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent PUR blau/<i>blue</i> FKM grau/<i>grey</i> Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i></p> <p>Anschlusssteile/<i>Fittings</i> AT.0094 - AG M5 AT.0312 - AG M6</p> 

Vakuumflachsauger Ø 20 mm

Flat Vacuum Suction Cups dia. 20 mm

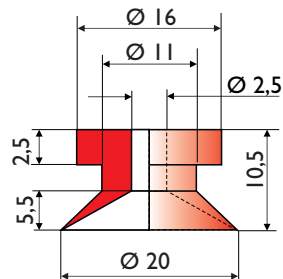
Art. No.: F0.020.032.*

Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 1,4 g

*Material:

Silikon rot/*red* 45° Shore



Art. No.: F0.020.012.*

Hub/*Stroke*: 1,5 mm

Gewicht/*Weight*: 2,0 g

* Material:

HNBR schwarz/*black* 60° Shore

-30° - +140° C

Silikon transparent 50° Shore

-40° - +180° C

Polyurethan blau/*blue* 55° Shore

-20° - +60° C

FKM (Viton®) grau/*grey* 60° Shore

-10° - +230° C

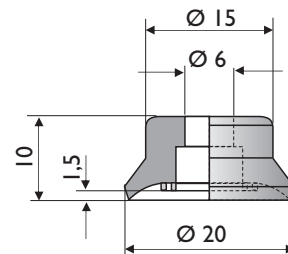
NBR schwarz/*black* 50° Shore

antistatisch/*antistatic*

Anschlussteile/*Fittings*:

AT.0094 - AG M5

AT.0312 - AG M6



• Vorteile:

Hoch ölbeständige HNBR-Qualität
 Verstärkte Sauglippe mit Abstütz-
 rippen für mehr Positionsstabilität

• Advantages:

High oil resistant HNBR quality.
 Reinforced lip with cleats for a
 better position stability

Art. No.: F0.020.033.*

Hub/*Stroke*: 3,5 mm

Gewicht/*Weight*: 2,1g

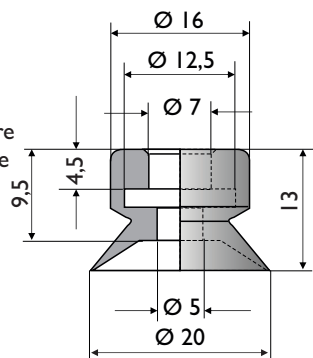
*Material:

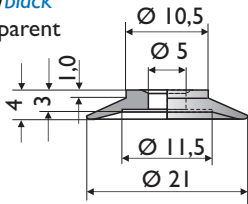
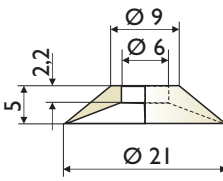
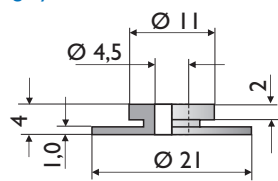
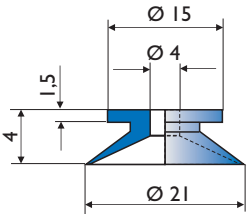
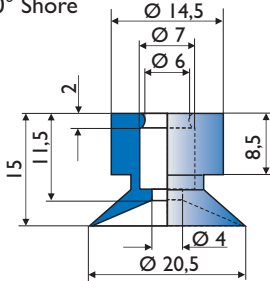
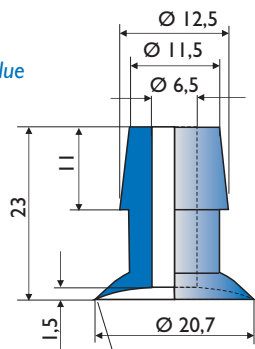
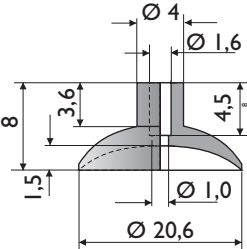
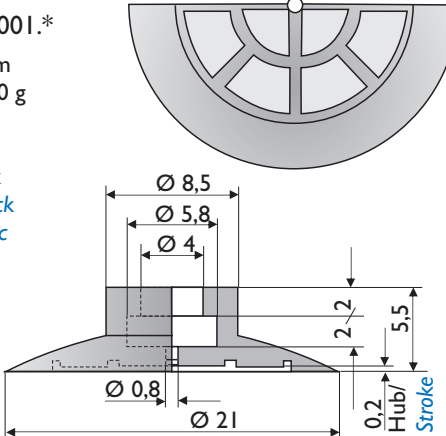
NBR schwarz/*black* 50° Shore

Silikon transparent 50° Shore

Anschlussteil/*Fitting*:

AT.0713 - AG M5



<p>Art. No.: F0.021.003.*</p> <p>Hub/<i>Stroke</i>: 1,0 mm Gewicht/<i>Weight</i>: 0,6 g</p> <p>*Material: NR schwarz/<i>black</i> Silikon transparent PU blau/<i>blue</i></p> 	<p>Art. No.: F0.021.004.*</p> <p>Hub/<i>Stroke</i>: 2,8 mm Gewicht/<i>Weight</i>: 0,4 g</p> <p>*Material: NR beige 40° Shore</p> 	<p>Art. No.: F0.021.005.*</p> <p>Hub/<i>Stroke</i>: 0,0 mm Gewicht/<i>Weight</i>: 0,3 g</p> <p>*Material: NR grau/<i>grey</i> 40° Shore</p> 
<p>Art. No.: F0.021.006.*</p> <p>Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 0,6 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> 	<p>Art. No.: F0.021.007.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: Vinyl blau/<i>blue</i> 60° Shore Vinyl rot/<i>red</i> 50° Shore</p> 	<p>Art. No.: F0.021.002.*</p> <p>Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 1,9 g</p> <p>*Material: Vinyl blau/<i>blue</i></p>  <p>Anschlussteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238 - AG 18"/IG M5</p> <p>dünne Sauglippe <i>thin suction lip</i></p>
<p>Art. No.: MFVP.021.*</p> <p>Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 3,0 g</p> <p>*Material: Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> -20° - +130° C 10⁶ - 10⁸ Ohm</p>  <p>Andere Materialien (NBR, Silikon transparent, FKM) auf Anfrage! <i>Other materials (NBR, Silicone transparent, FKM) on request!</i></p>	<p>Art. No.: F0.021.001.*</p> <p>Hub/<i>Stroke</i>: 0,2 mm Gewicht/<i>Weight</i>: 1,0 g</p> <p>*Material: NBR, schwarz/<i>black</i> Silikon schwarz/<i>black</i> antistatisch/<i>antistatic</i> Silikon transparent</p>  <p>Anschlussteil/<i>Fitting</i> AT.0536 - AG M5</p> <p>Spezialeinsatz: • Dünne Folien • Dünnstglas</p> <p>Vorteile: • Keine Verformung der angesaugten Teile • Sehr geringer Hub</p> <p><i>Special Use:</i> • Thin foils • Thinnest glass</p> <p><i>Advantages:</i> • No deformation of sucked parts • Very low stroke</p>	

Vakuumflachsauger Ø 22 mm

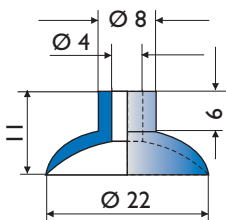
Flat Vacuum Suction Cups dia. 22 mm

Art. No.: F0.022.005.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 0,6 g

*Material:
 Spezial-Polyurethan blau/*blue*
Special Polyurethane red 60° Shore
 hochabdruckarm/*high anti-marking*
 Temperaturbeständigkeit/
temperature resistance
 -20° C - +80° C

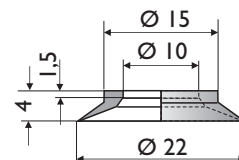
Anschlusssteile/*Fittings*
 AT.0624 - AG M5
 00 08 03 - AG 1/8"
 00 08 04 - IG 1/8"
 AT.0188 - AG 1/8"/IG M5
 AT.0189 - AG 3/8"



Art. No.: 01 22 06.*

Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 0,4 g

*Material:
 NR schwarz/*black*
 Silikon transparent

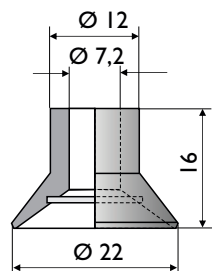


Art. No.: F0.022.007.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 1,7 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

Anschlusssteile/*Fittings*
 AT.0702 - AG M5
 00 08 82 - AG 1/8"

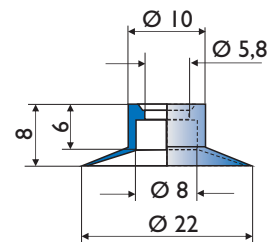


Mindestbestellung 25 Stück
Minimum order 25 pieces

Art. No.: F0.022.011.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 0,6 g

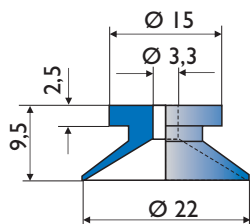
*Material:
 NR blau/*blue* 40° Shore



Art. No.: F0.022.012.*

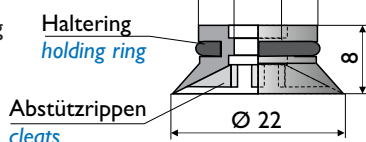
Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 Vinyl blau/*blue*



Art. No.: F0.022.030.*
 mit Haltering und Abstützrippen/
with holding ring and cleats

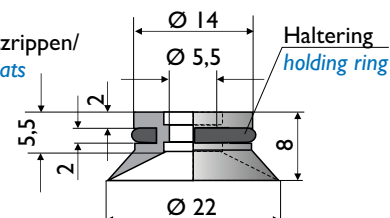
Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 1,4 g



*Material:
 NBR schwarz/*black* 55° Shore
 Silikon rot/*red* 50° Shore
 Silikon transparent 50° Shore

Art. No.: F0.022.036.*
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 1,1 g



Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0250 - AG 1/8"-IG M5 (SH=3,5)
 AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)
 AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)
 AT.0809 - IG 1/8" (Standard)
 AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

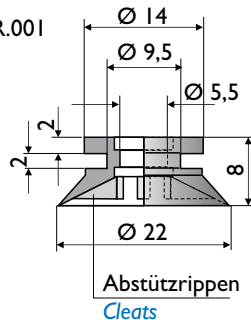
Art. No.: F0.022.040.*

mit Abstützrippen/*with cleats*

Option: Haltering/*holding ring* HR.001

Hub/*Stroke*: 1,0 mm

Gewicht/*Weight*: 1,3 g



*Material:

CR schwarz/*black* 50° Shore

Silikon transparent 50 Shore

Polyurethan orange 50° Shore

Polyurethan grün/*green* 30° Shore

Polyurethan transparent 60° Shore

Anschlusssteile/*Fittings*

AT.0094 - AG M5

AT.0250 - AG 1/8"-IG M5 (SH=3,5)

AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)

AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)

AT.0809 - IG 1/8" (Standard)

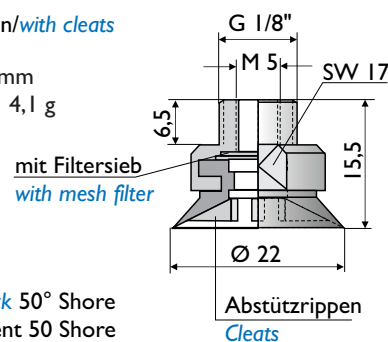
AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

Art. No.: F0.022.041.*

mit Abstützrippen/*with cleats*

Hub/*Stroke*: 1,0 mm

Gewicht/*Weight*: 4,1 g



*Material:

CR schwarz/*black* 50° Shore

Silikon transparent 50 Shore

Polyurethan orange 50° Shore

Polyurethan grün/*green* 30° Shore

Polyurethan transparent 60° Shore

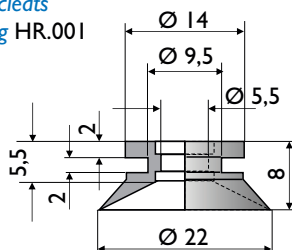
Art. No.: F0.022.046.*

ohne Abstützrippen/*without cleats*

Option: Haltering/*holding ring* HR.001

Hub/*Stroke*: 2,5 mm

Gewicht/*Weight*: 1,0 g



*Material:

CR schwarz/*black* 50° Shore

Silikon transparent 50 Shore

Anschlusssteile/*Fittings*

AT.0094 - AG M5

AT.0250 - AG 1/8"-IG M5 (SH=3,5)

AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)

AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)

AT.0809 - IG 1/8" (Standard)

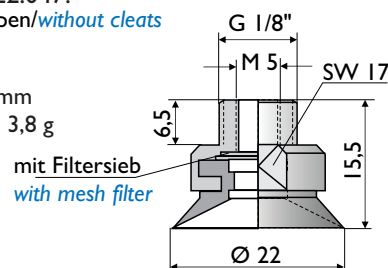
AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

Art. No.: F0.022.047.*

ohne Abstützrippen/*without cleats*

Hub/*Stroke*: 2,5 mm

Gewicht/*Weight*: 3,8 g



*Material:

CR schwarz/*black* 50° Shore

Silikon transparent 50 Shore

Vakuumflachsauger Ø 23 mm

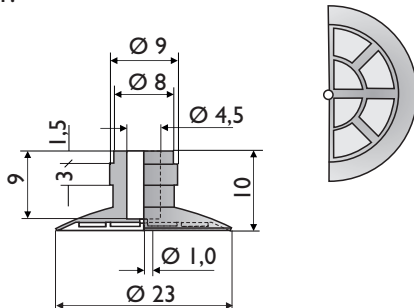
Flat Vacuum Suction Cups dia. 23 mm

Art. No.: F0.023.001.*

Hub/*Stroke*: 0,3 mm
 Gewicht/*Weight*: 1,1 g

* Material:
 NBR schwarz/*black*
 Silikon rot/*red*
 Silikon transparent

Anschlussstück/*Fitting*
 AT.0624 - AG M5



Spezialeinsatz:

- Dünne Folien
- Dünnstglas

Vorteile:

- Keine Verformung der angesaugten Teile
- Sehr geringer Hub

Special Use:

- *Thin foils*
- *Thinnest glass*

Advantages:

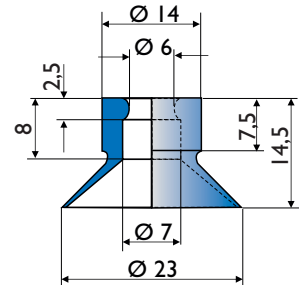
- *No deformation of sucked parts*
- *Very low stroke*

Art. No.: F0.023.003.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 1,6 g

* Material:
 Vinyl blau/*blue*

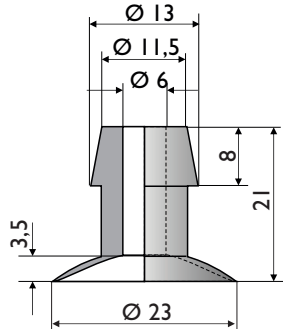
Anschlussstücke/*Fittings*
 AT.0702 - AG M5
 AT.0567-4 - AG 1/8"



Art. No.: F0.023.004.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

* Material:
 Vinyl transparent



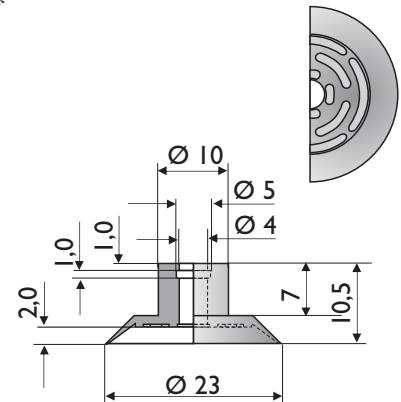
Anschlussstücke/*Fittings*
 AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5

Art. No.: F0.023.005.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 1,0 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 Silikon, rot/*red*
 Silikon, antistatisch/*antistatic*

Anschlussstücke/*Fittings*
 AT.0104 - AG M6
 AT.0134 - AG M5
 AT.0705 - IG M5

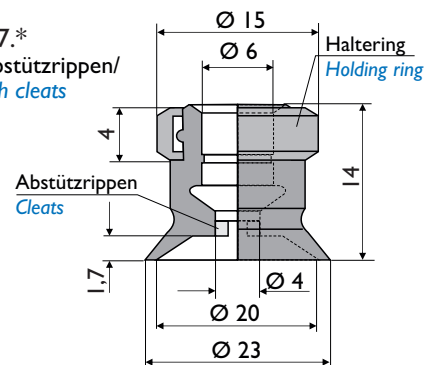


Art. No.: F0.023.007.* Ring (Standard)
 mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.023.007.*
 ohne Haltering, mit Abstützrippen/
without holding ring, with cleats

Hub/*Stroke*: 1,7 mm
 Gewicht/*Weight*: 4,0 g

* Material:
 NBR schwarz/*black*
 Silikon transparent



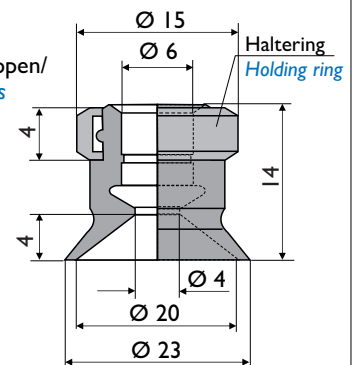
Anschlussstücke/*Fittings*
 AT.0702 - AG M5
 AT.0238.M5 - (IG M5 - AG 1/8")

Art. No.: F0.023.006.* Ring (Standard)
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Art. No.: F0.023.006.*
 ohne Haltering, ohne Abstützrippen/
without holding ring, without cleats

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 3,9 g

* Material:
 NBR schwarz/*black*
 Silikon transparent



Anschlussstücke/*Fittings*
 AT.0702 - AG M5
 AT.0238.M5 - (IG M5 - AG 1/8")

Art. No.: F0.024.001.*

Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 1,0 g

* Material:

NR schwarz/*black* 45° Shore

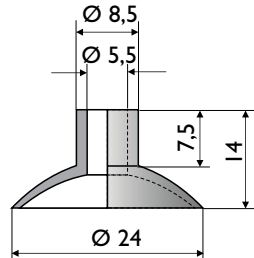
NR beige 40° Shore

Anschlussstück/*Fitting*

AT.0615 - IG 1/8"

AT.0702 - AG M5

AT.0539 - AG 1/8"



Vakuumflachsauger Ø 25 mm

Flat Vacuum Suction Cups dia. 25 mm

Art. No.: F0.025.001.*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 3,0 g

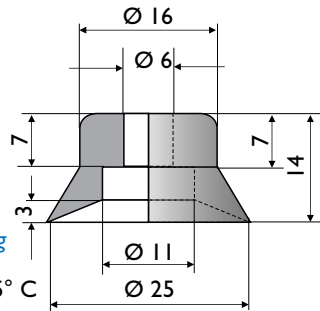
*Material:

NBR schwarz/*black*
Silikon transparent
PUR blau/*blue*

Art.No.; F0.025.AM2.bl
hochabdruckarm/*high anti-marking*
Temperaturbeständigkeit/
temperature resistance -10° - +165° C

Anschlusssteile/*Fittings*

AT.0702 - AG M5
AT.0057 - AG M6
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0274 - AG 1/4"
AT.0275 - IG 1/4"



Art. No.: F0.025.002.*

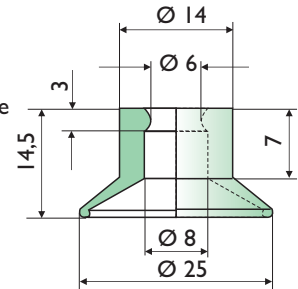
Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 2,2 g

*Material:

NR hellgrün/*light green* 40° Shore

Anschlusssteile/*Fittings*

AT.0200 - AG M5
AT.0567-4 - AG 1/8"



Art. No.: F0.025.004.*

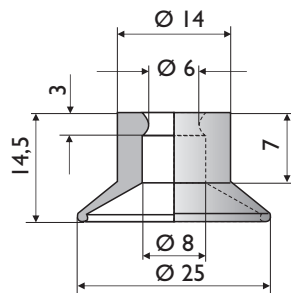
Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 2,2 g

*Material:

NR dunkelgrün/*dark green*
40° Shore
NR schwarz/*black*

Anschlusssteile/*Fittings*

AT.0200 - AG M5
AT.0567-4 - AG 1/8"



Art. No.: F0.025.005.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 2,5 g

*Material:

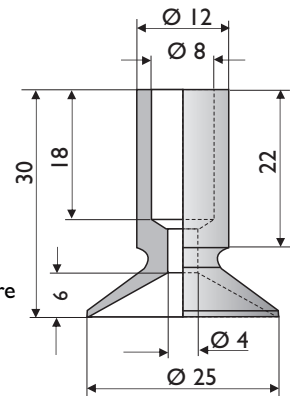
NBR schwarz/*black*
Silikon transparent

Auf Anfrage/*on request*:

Vulkollan braun/*brown* 70° Shore

Anschlusssteile/*Fitting*

AT.0538 - AG 1/8"



Art. No.: F0.025.006.*

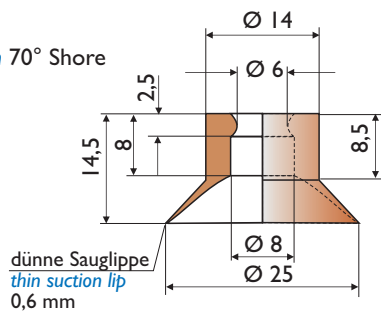
Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 1,5 g

*Material:

Vulkollan braun/*brown* 70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking

Anschlusssteile/*Fittings*

AT.0200 - AG M5
AT.0567 - AG 1/8"



Art. No.: F0.025.007.*

Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 2,0 g

*Material:

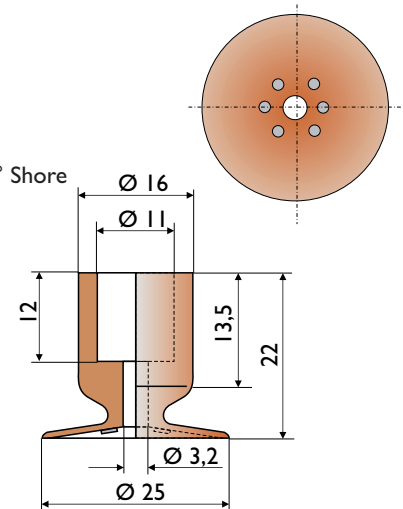
Vulkollan braun/*brown* 70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking

Auf Anfrage/*on request*:

Silikon transparent

Anschlusssteile/*Fittings*

AT.0723 - AG 1/8
AT.0603 - AG 1/4"

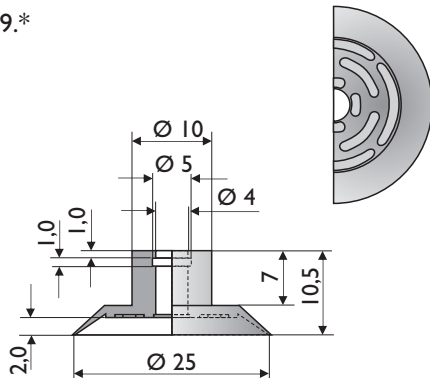


Art. No.: F0.025.009.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 NBR schwarz/*black*
 Silikon transparent
 Silikon rot/*red*
 Silikon schwarz/*black*
 antistatisch/*antistatic*

Anschlusssteile/*Fittings*
 AT.0104 - AG M6
 AT.0134 - AG M5
 AT.0705 - IG M5
 AT.0539 - AG 1/8"

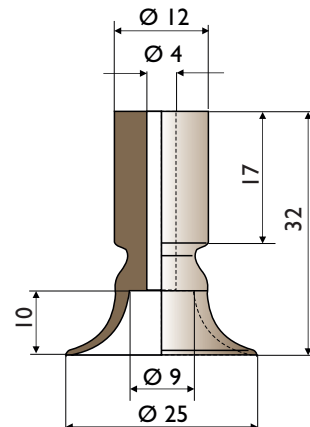


Art. No.: F0.025.010.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 2,7 g

*Material:
 NR braun/*brown* 40° Shore

Anschlusssteile/*Fittings*
 AT.0134 - AG M5
 AT.0705 - IG M5

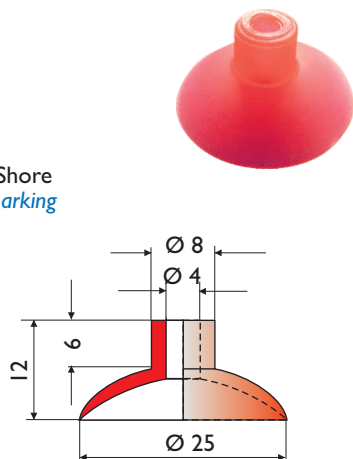


Art. No.: F0.025.011.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 1,0 g

*Material:
 Spezial-Polyurethan rot/
Special Polyurethane red 60° Shore
 hochabdruckarm/*high anti-marking*
 Temperaturbeständigkeit/
temperature resistance
 -20° - +80° C

Anschlusssteile/*Fittings*
 AT.0624 - AG M5
 00 08 03 - AG 1/8"
 00 08 04 - IG 1/8"
 AT.0188 - AG 1/8"-IG M5
 AT.0189 - AG 3/8"

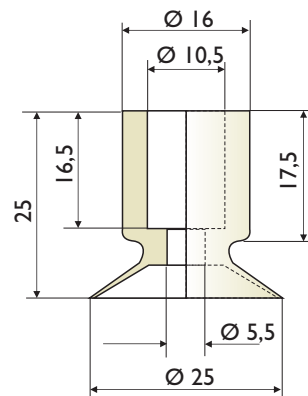


Art. No.: F0.025.012.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 3,0 g

*Material:
 NR beige, 40° Shore

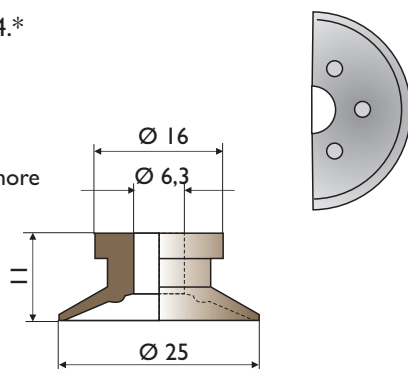
Anschlusssteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



Art. No.: F0.025.014.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 NR braun/*brown* 40° Shore

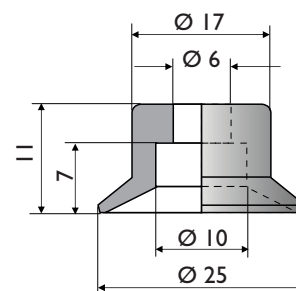


Art. No.: F0.025.015.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 2,5 g

*Material:
 NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*
 FKM grau/*grey*
 Silikon schwarz/*black*
 antistatisch/*antistatic*

Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0312 - AG M6



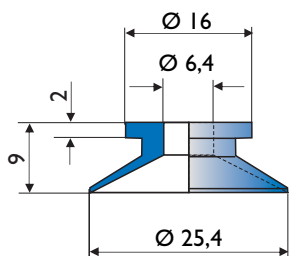
Vakuumflachsauger Ø 25 mm

Flat Vacuum Suction Cups dia. 25 mm

Art. No.: F0.025.016.*

Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 1,3 g

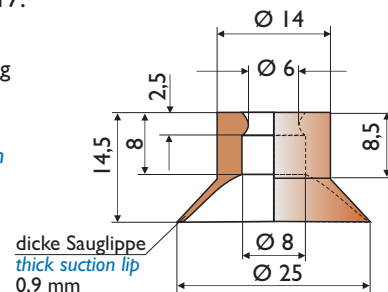
*Material:
Vinyl blau/*blue* 50° Shore



Art. No.: F0.025.017.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 1,6 g

*Material:
Vulkollan braun/*brown*
70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking



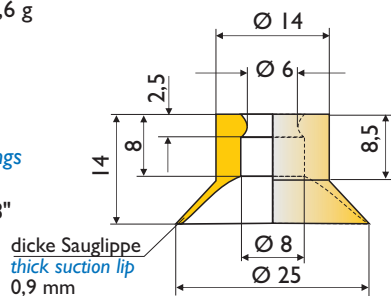
Anschlussteile/*Fittings*
AT.0200 - AG M5
AT.0567-4 - AG 1/8"

Art. No.: F0.025.018.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 1,6 g

*Material:
Vinyl gelb/*yellow*

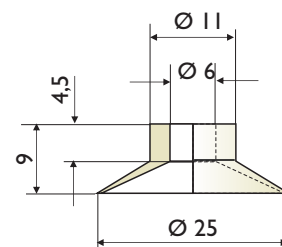
Anschlussteile/*Fittings*
AT.0200 - AG M5
AT.0567-4 - AG 1/8"



Art. No.: F0.025.019.*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 1,2 g

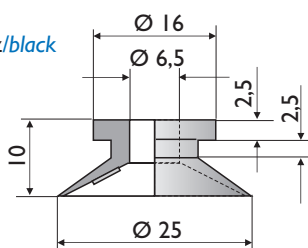
*Material:
NR beige 40° Shore



Art. No.: F0.025.020.*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 1,2 g

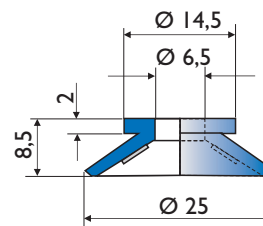
*Material:
NR beige 40° Shore
Polyurethan schwarz/*black*
50° Shore



Art. No.: F0.025.021.*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 1,5 g

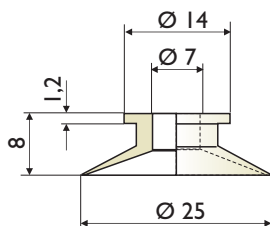
*Material:
Vinyl blau/*blue*



Art. No.: F0.025.022.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 NR beige 40° Shore

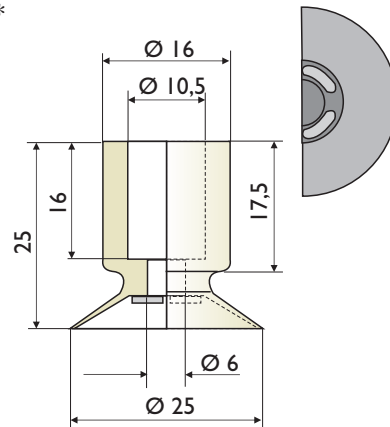


Art. No.: F0.025.023.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 3,2 g

*Material:
 NR beige 40° Shore

Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

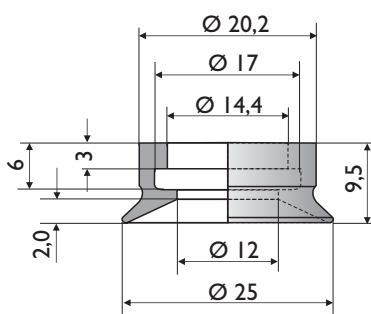


Art. No.: F0.025.024.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 1,5 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

Anschlussteil/*Fitting*
 AT.0233 - IG 1/8"

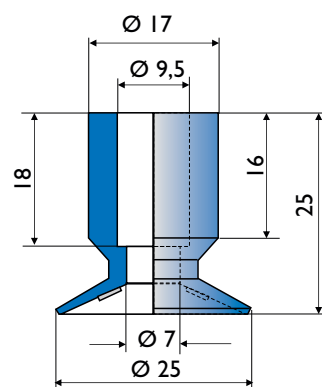


Art. No.: F0.025.026.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 4,0 g

*Material:
 Vinyl blau/*blue*

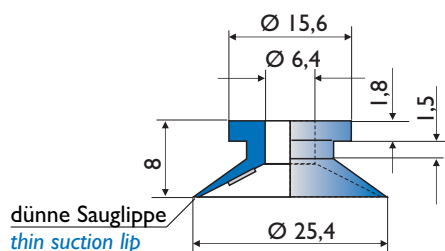
Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



Art. No.: F0.025.032.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 0,8 g

*Material:
 Vinyl blau/*blue* 50° Shore



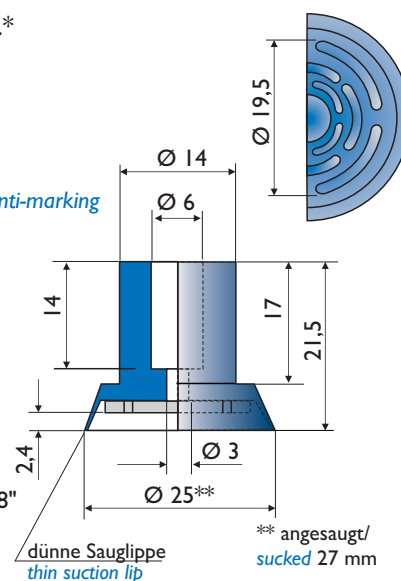
dünne Sauglippe
thin suction lip

Art. No.: F0.025.034.*

Hub/*Stroke*: 2,2 mm
 Gewicht/*Weight*: 3,5 g

*Material:
 AM2.bl 60° Shore
 hochabdruckarm/*high anti-marking*
 temperaturbeständig/
temperature resistant
 -10° - +165° C
 NR blau/*blue* 40° Shore

Anschlussteile/*Fittings*
 AT.0537 - AG M5
 AT.0648 - AG M6
 AT.0238 - IG M5/AG 1/8"
 AT.0615 - IG 1/8"



dünne Sauglippe
thin suction lip

** angesaugt/
sucked 27 mm

Vakuumflachsauger Ø 25 mm

Flat Vacuum Suction Cups dia. 25 mm

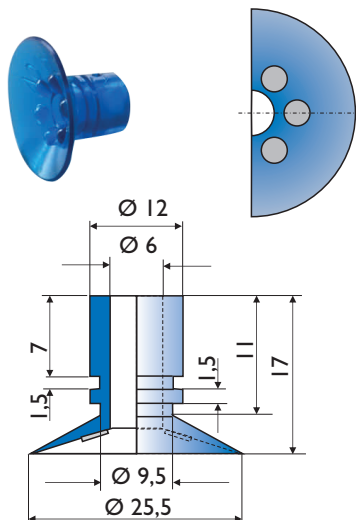
Art. No.: F0.025.027.*

Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 1,8 g

*Material:
Vinyl blau/*blue*

Anschlusssteile/*Fittings*

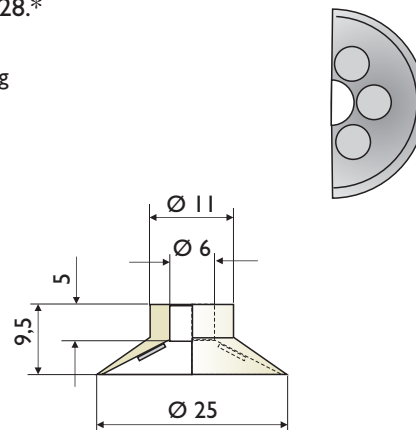
AT.0538 - AG M5
AT.0238 - AG 1/8"/IG M5
AT.0109 - IG 1/8"



Art. No.: F0.025.028.*

Hub/*Stroke*: 1,5 mm
Gewicht/*Weight*: 1,2 g

*Material:
NR beige 40° Shore



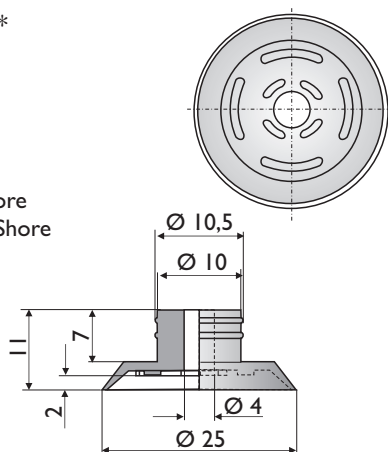
Art. No.: F0.025.029.*

Hub/*Stroke*: 2,0 mm
Gewicht/*Weight*: 1,0 g

*Material:
NR braun/*brown* 40° Shore
Silikon transparent 55° Shore

Anschlusssteile/*Fittings*

AT.0134 - AG M5
AT.0104 - AG M6
AT.0705 - IG M5
AT.0539 - AG 1/8"



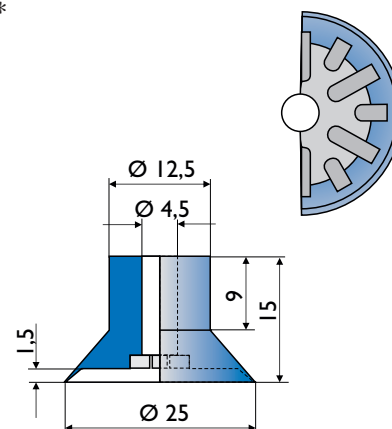
Art. No.: F0.025.030.*

Hub/*Stroke*: 1,5 mm
Gewicht/*Weight*: 2,0 g

*Material:
Vinyl blau/*blue*

Anschlusssteile/*Fittings*

AT.0134 - AG M5
AT.0705 - IG M5



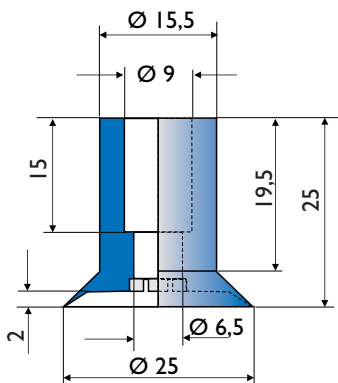
Art. No.: F0.025.031.*

Hub/*Stroke*: 2,0 mm
Gewicht/*Weight*: 3,8 g

*Material:
Vinyl blau/*blue*

Anschlusssteile/*Fittings*

AT.0723 - AG 1/8"
AT.0603 - AG 1/4"



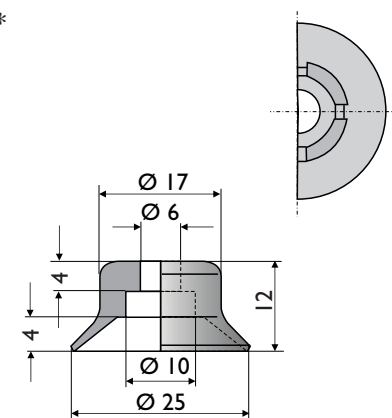
Art. No.: F0.025.003.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 2,8 g

*Material:
NBR schwarz/*black*
Silikon transparent
Polyurethan blau/*blue*
FKM grau/*grey*
Silikon schwarz/*black*
antistatisch/*antistatic*

Anschlusssteile/*Fittings*

AT.0094 - AG M5
AT.0312 - AG M6

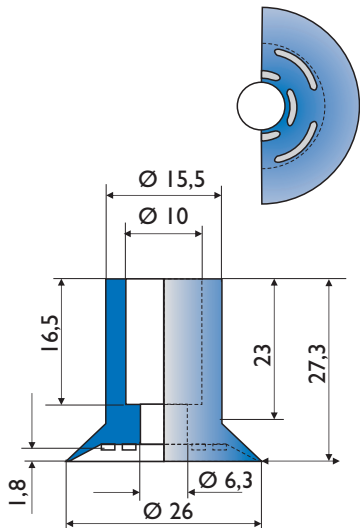


Art. No.: F0.026.001.*

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 4,2 g

*Material:
 Vinyl blau/*blue*

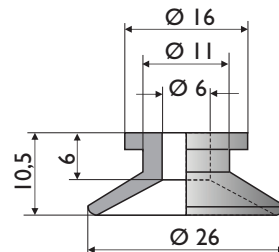
Anschlusssteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



Art. No.: F0.026.003.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 1,4 g

*Material:
 Vinyl blau/*blue* 50° Shore
 NR beige 40° Shore
 Silikon transparent 50° Shore

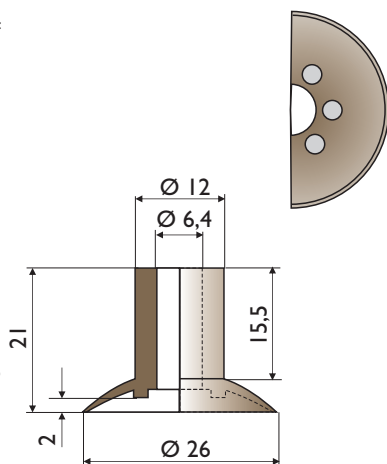


Art. No.: F0.026.004.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,5 g

*Material:
 NR brown/*brown*
 40° Shore

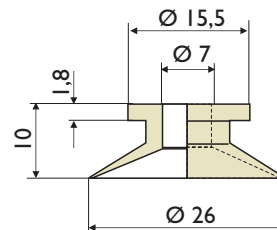
Anschlusssteile/*Fittings*
 AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5



Art. No.: F0.026.006.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 1,2 g

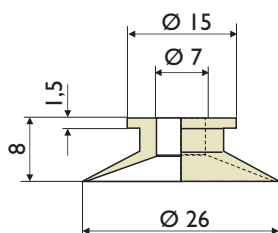
*Material:
 NR beige 40° Shore



Art. No.: F0.026.007.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 1,2 g

*Material:
 NR beige 40° Shore

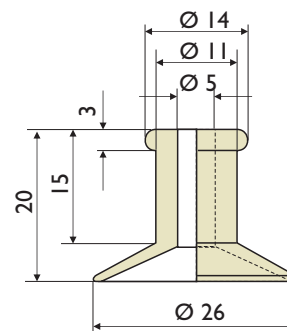


Art. No.: F0.026.008.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 NR beige 40° Shore

Anschlusssteile/*Fittings*
 AT.0537 - AG M5
 AT.0539 - AG 1/8"



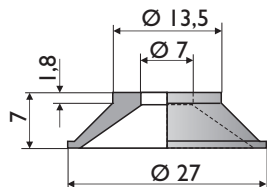
Vakuumflachsauger Ø 27 mm

Flat Vacuum Suction Cups dia. 27 mm

Art. No.: F0.027.001.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 1,3 g

*Material:
 NBR schwarz/*black*
 FKM schwarz/*black*
 Silikon transparent

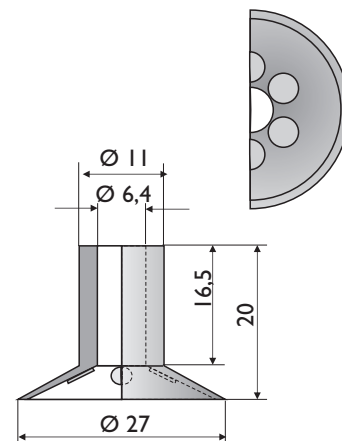


Art. No.: F0.027.003.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 1,6 g

*Material:
 NR beige 40° Shore
 Vinyl transparent

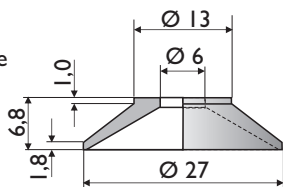
Anschlussteile/*Fittings*
 AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5



Art. No.: F0.027.004.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 1,1 g

*Material:
 NR grau/*grey* 40° Shore

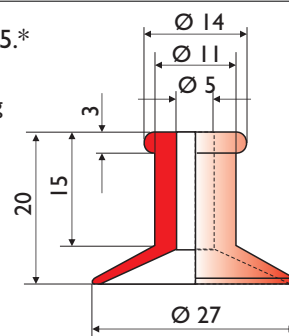


Art. No.: F0.027.005.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 Silikon rot/*red*

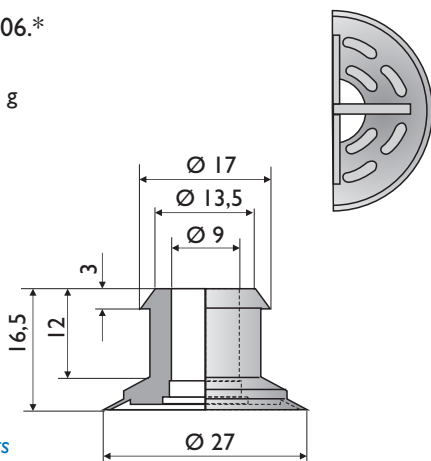
Anschlussteile/*Fittings*
 AT.0537 - AG M5
 AT.0539 - AG 1/8"



Art. No.: F0.027.006.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 Silikon transparent

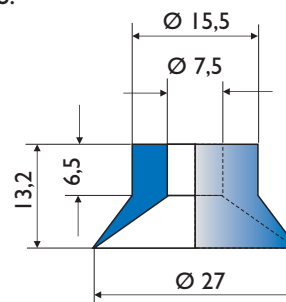


Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Art. No.: F0.027.008.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 Vinyl blau/*blue*



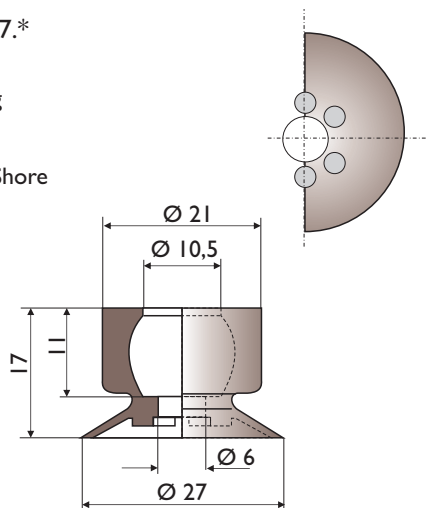
Art. No.: F0.027.007.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 3,6 g

* Material:

NR braun/*brown* 40° Shore



Art. No.: 01 27 24.*

Hub/*Stroke*: 2,4 mm

Gewicht/*Weight*: 2,8 g

*Material:

NR schwarz/*black*

NBR schwarz/*black*

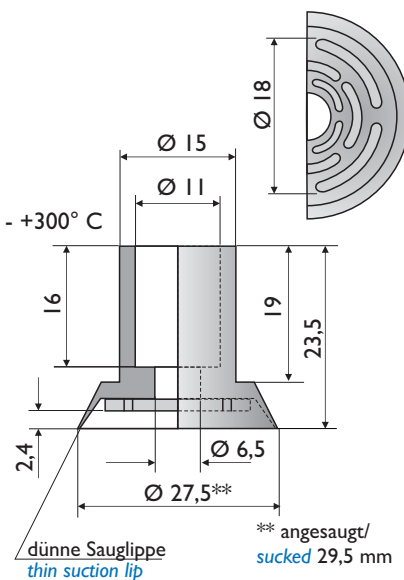
Silikon transparent -50° - +300° C

Anschlussteile/*Fittings*

AT.0723 - AG 1/8"

AT.0603 - AG 1/4"

00 08 21 - IG 1/4"



Art. No.: F0.027.009.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 2,2 g

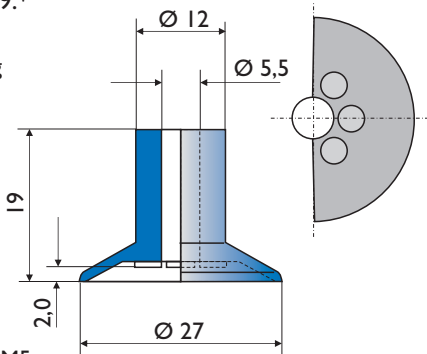
*Material:

Viny blau/*blue*

Anschlussteile/*Fittings*

AT.0702 - AG M5

AT.0238 - AG 1/8"/IG M5



Art. No.: F0.027.010.*

Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 4,4 g

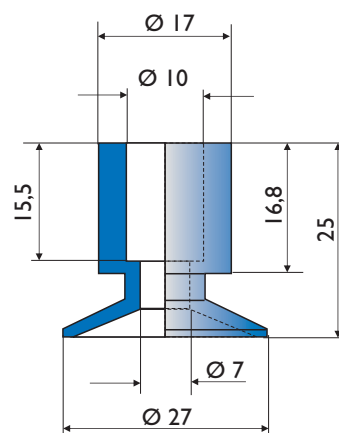
*Material:

Vinyl blau/*blue*

Anschlussteile/*Fittings*

AT.0723 - AG 1/8"

AT.0603 - AG 1/4"



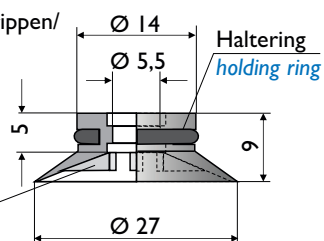
Art. No.: F0.027.030.*

mit Haltering und Abstützrippen/
with holding ring and cleats

Hub/*Stroke*: 1,5 mm

Gewicht/*Weight*: 2,1 g

Abstützrippen/
Cleats



*Material:

NBR schwarz/*black* 55° Shore

Silikon rot/*red* 50° Shore

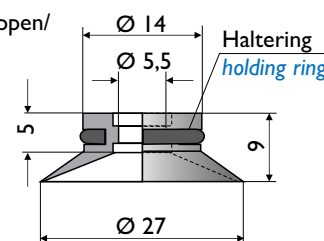
Silikon transparent 50° Shore

Art. No.: F0.027.036.*

mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 1,9 g



Anschlussteile/*Fittings*

AT.0094 - AG M5

AT.0250 - AG 1/8"-IG M5 (SH=3,5)

AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)

AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)

AT.0809 - IG 1/8" (Standard)

AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

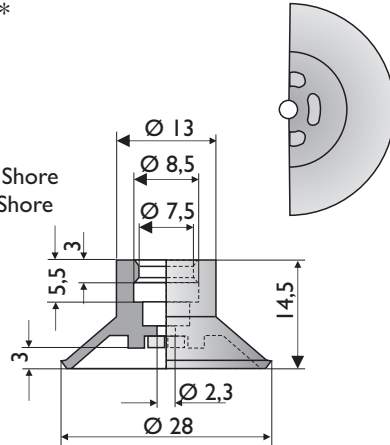
Vakuumflachsauger Ø 28 mm

Flat Vacuum Suction Cups dia. 28 mm

Art. No.: F0.028.002.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 4,0 g

*Material:
 NBR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore

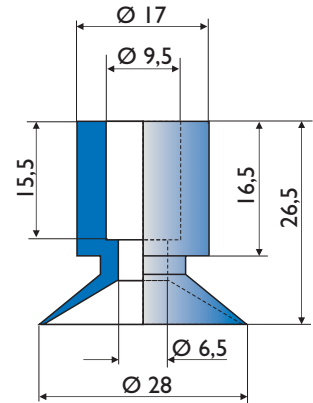


Art. No.: F0.028.005.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 4,2 g

*Material:
 Vinyl blau/*blue*

Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

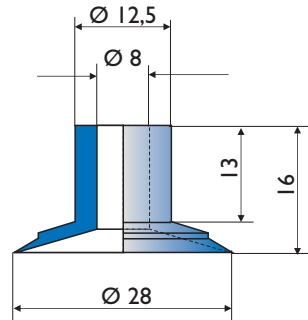


Art. No.: F0.028.006.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 Vinyl blau/*blue*

Anschlussteil/*Fitting*
 AT.0538 - AG 1/8"

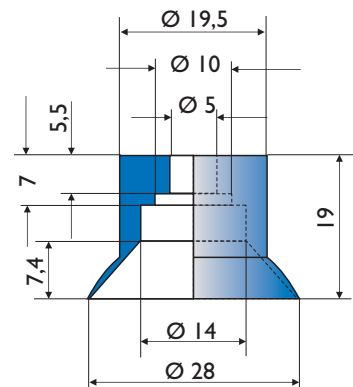


Art. No.: F0.028.007.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 3,8 g

*Material:
 Vinyl blau/*blue*

Anschlussteile/*Fittings*
 AT.0094 - AG M5
 AT.0312.MSV - AG M6
 AT.0538 - AG 1/8"

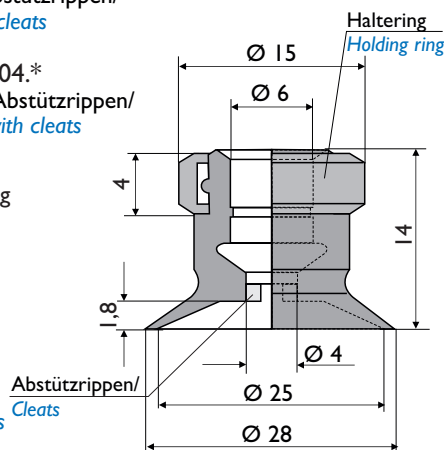


Art. No.: F0.028.004.*.Ring (Standard)
 mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.028.004.*
 ohne Haltering, mit Abstützrippen/
without holding ring, with cleats

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 4,6 g

*Material:
 NBR schwarz/*black*
 Silikon transparent



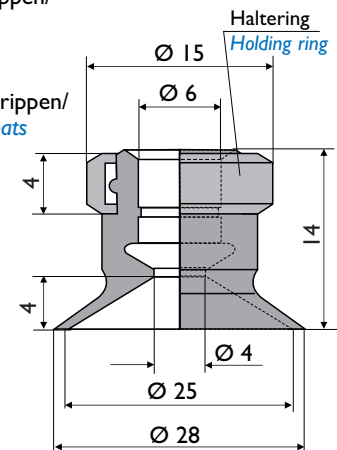
Anschlussteile/*Fittings*
 AT.0702 - AG M5
 AT.0238.M5 - (IG M5 - AG 1/8")

Art. No.: F0.028.003.*.Ring (Standard)
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Art. No.: F0.028.003.*
 ohne Haltering, ohne Abstützrippen/
without holding ring, without cleats

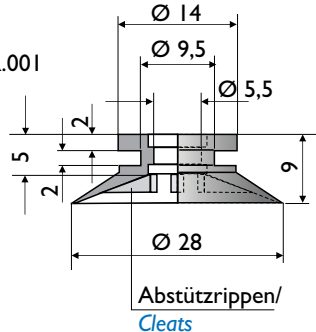
Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 4,3 g

*Material:
 NBR schwarz/*black*
 Silikon transparent



Anschlussteile/*Fittings*
 AT.0702 - AG M5
 AT.0238.M5 - (IG M5 - AG 1/8")

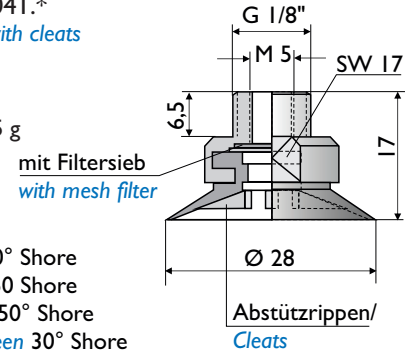
Art. No.: F0.028.040.*
 mit Abstützrippen/*with cleats*
 Option: Haltering/*holding ring* HR.001
 Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 1,9 g



*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50 Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/*green* 30° Shore
 Polyurethan transparent 60° Shore

Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0250 - AG 1/8"-IG M5 (SH=3,5)
 AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)
 AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)
 AT.0809 - IG 1/8" (Standard)
 AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

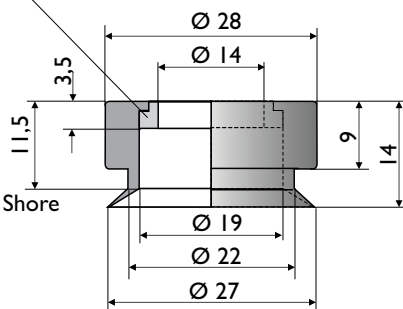
Art. No.: F0.028.041.*
 mit Abstützrippen/*with cleats*
 Hub/*Stroke*: 1,0 mm
 Gewicht/*Weight*: 4,5 g



*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50 Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/*green* 30° Shore
 Polyurethan transparent 60° Shore

Art. No.: F1.028.001.*
 Metalleinlage (VA-Stahl 1.4305) vulkanisiert
 (Pharma)
 Metal insert (*Stainless Steel 1.4305*) vulcanized

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 9,0 g



*Material:
 NBR schwarz/*black* 80° Shore

Vakuumflachsauger Ø 29 - 30 mm

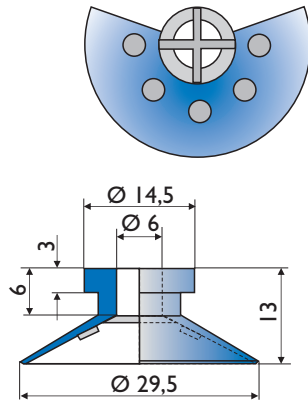
Flat Vacuum Suction Cups dia. 29 - 30 mm

Art. No.: F0.029.001.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 2,0 g

* Material:
 Vinyl blau/*blue*

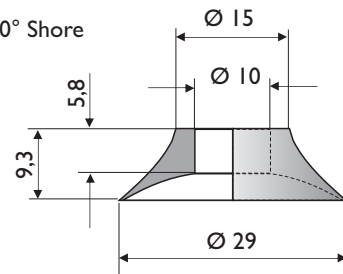
Anschlusssteile/*Fittings*
 AT.0200 - AG M5
 AT.0802 - AG 1/8"/IG M5



Art. No.: F0.029.002.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 1,2 g

* Material:
 Silikon transparent 50° Shore

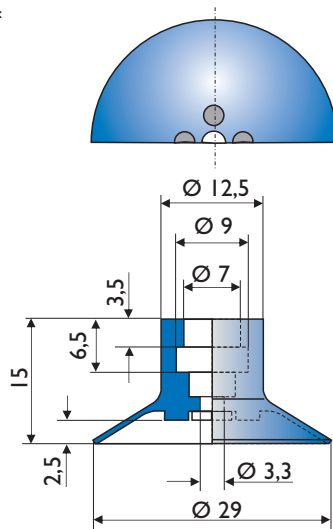


Art. No.: F0.029.003.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 2,0 g

* Material:
 Vinyl blau/*blue*

Anschlusssteile/*Fittings*
 AT.0713 - AG M5
 AT.0015 - AG 1/8"

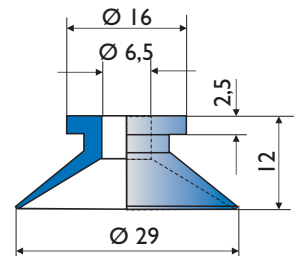


Art. No.: F0.029.004.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 2,0 g

* Material:
 Vinyl blau/*blue*

Anschlusssteile/*Fittings*
 AT.0802 - AG 1/8"/IG M5
 AT.0702 - AG M5

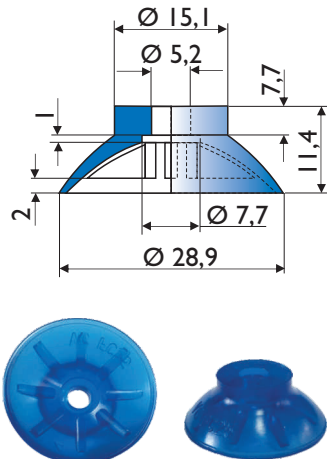


Art. No.: F0.029.006.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,0 g

*Material:
 Vinyl blau/*blue* 50° Shore

Anschlusssteile/*Fittings*
 AT.0802 - AG 1/8"/IG M5
 AT.0809 - IG 1/8"
 AT.0094 - AG M5

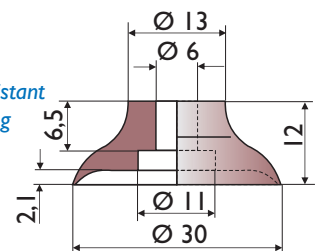


Art. No.: F0.030.035.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 3,5 g

*Material:
 Vulkollan braun/*brown* 70° Shore
 hochverschleissfest/*high wear resistant*
 hochabdruckarm/*high anti-marking*

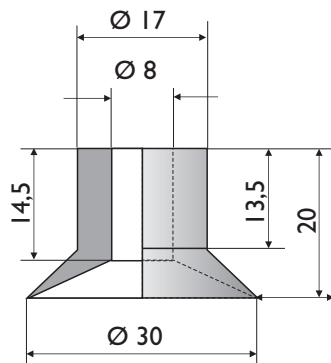
Anschlusssteile/*Fittings*
 AT.0702 - AG M5
 AT.0057 - AG M6
 AT.0583 - AG 1/8"
 AT.0619 - IG 1/8"
 AT.0274 - AG 1/4"
 AT.0275 - IG 1/4"



Art. No.: F0.030.001.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 4,5 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 NR braun/*brown* 40° Shore



Anschlusssteil/*Fitting*
 AT.0132 - AG 1/8"

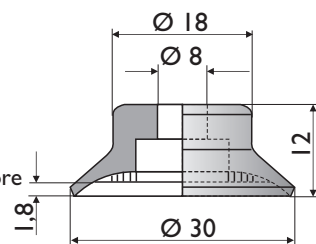
Art. No.: F0.030.002.*

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 4,0 g

* Material:
 HNBR schwarz/*black* 60° Shore
 -30° - +140° C
 Silikon transparent 50° Shore
 -40° - +180° C
 Polyurethan blau/*blue* 55° Shore
 -20° - +60° C
 FKM (Viton®) grau/*grey* 60° Shore
 -10° - +230° C
 NBR schwarz/*black* 50° Shore
 antistatisch/*antistatic*

Vorteile:

- Hoch ölbeständige HNBR-Qualität
- Verstärkte Sauglippe mit Abstützrippen für mehr Positionsstabilität



Advantages:

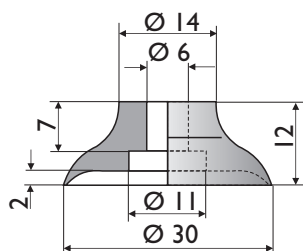
- High oil resistant HNBR quality
- Reinforced lip with cleats for a better position stability

Anschlusssteile/*Fittings*
 AT.0006 - AG 1/8"
 AT.0312 - AG M6

Art. No.: F0.030.003.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 3,5 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*



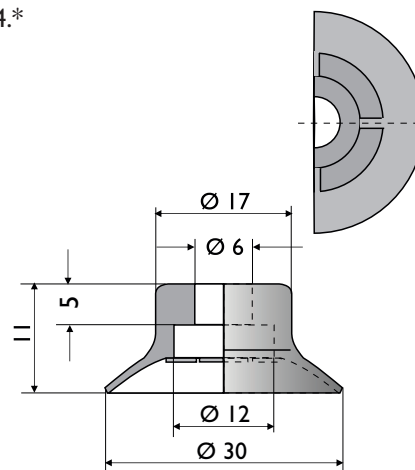
Art. No.: F0.030.AM2.bl
 hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

Anschlusssteile/*Fittings*
 AT.0702 - AG M5
 AT.0057 - AG M6
 AT.0538 - AG 1/8"
 AT.0619 - IG 1/8"
 AT.0274 - AG 1/4"
 AT.0275 - IG 1/4"

Art. No.: F0.030.004.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 3,5 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*
 FKM grau/*grey*
 Silikon schwarz/*black*
 antistatisch/*antistatic*

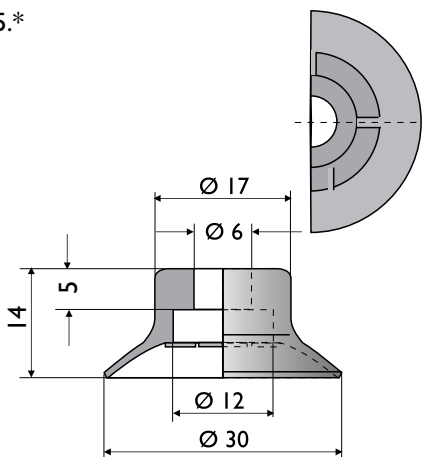


Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0321 - AG M6

Art. No.: F0.030.005.*

Hub/*Stroke*: 4,5 mm
 Gewicht/*Weight*: 3,8 g

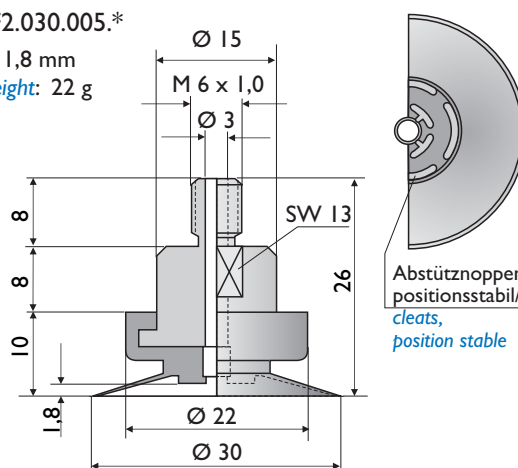
* Material:
 NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*
 FKM grau/*grey*
 Silikon schwarz/*black*
 antistatisch/*antistatic*



Anschlusssteile/*Fittings*
 AT.0094 - AG M5
 AT.0312 - AG M6

Art. No.: F2.030.005.*

Hub/*Stroke*: 1,8 mm
 Gewicht/*Weight*: 22 g



* Material:
 NBR schwarz/*black* 40°/60° Shore
 Silikon transparent 40°/60° Shore

Vakuumflachsauger Ø 30 mm

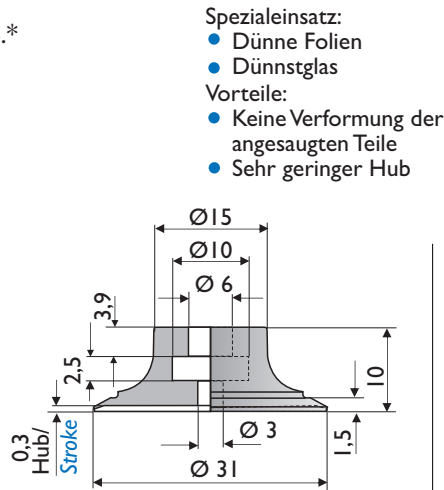
Flat Vacuum Suction Cups dia. 30 mm

Art. No.: F0.030.006.*

Hub/Stroke: 0,3 mm
Gewicht/Weight: 3,0 g

* Material:
NBR schwarz/black
Silikon transparent
NBR schwarz/black
antistatisch/antistatic

Anschlussstück/Fitting
AT.0713 - AG M5



Special Use:

- Thin foils
- Thinnest glass

Advantages:

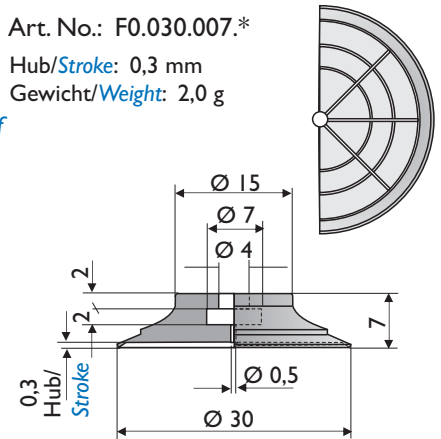
- No deformation of sucked parts
- Very low stroke

Art. No.: F0.030.007.*

Hub/Stroke: 0,3 mm
Gewicht/Weight: 2,0 g

* Material:
NBR schwarz/black
Silikon transparent
Silikon schwarz/black
antistatisch/antistatic

Anschlussstück/Fitting
AT.0536 - AG M5

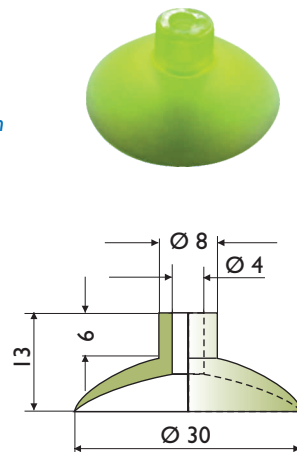


Art. No.: F0.030.008.*

Hub/Stroke: 4,0 mm
Gewicht/Weight: 1,4 g

*Material:
Spezial-Polyurethan grün/green
60° Shore hochabdruckarm/
high anti-marking
Temperaturbeständigkeit/
Temperature resistance:
-20° C - +80° C

Anschlussstücke/Fittings
AT.0624 - AG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0188 - AG 1/8"/IG M5
AT.0189 - AG 1/8"



Art. No.: F0.030.011.*

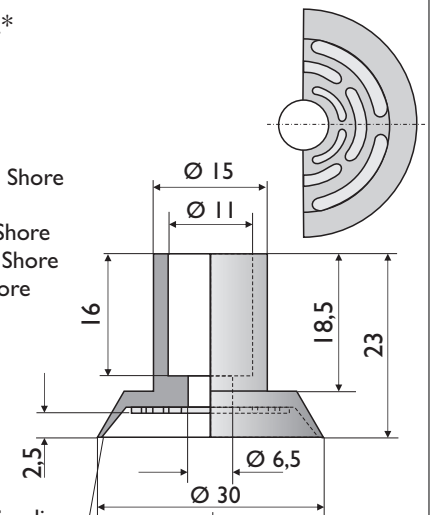
Hub/Stroke: 2,5 mm
Gewicht/Weight: 3,0 g

*Material:
NBR schwarz/black 50° Shore
NR beige 40° Shore
NR schwarz/black 50° Shore
Silikon transparent 50° Shore
Silikon blau/blue 50° Shore

Anschlussstücke/Fittings
AT.0227 - AG M5
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
00 08 21 - IG 1/4"

verstärkte Sauglippe
0,6mm
reinforced lip 0,6 mm

angesaugt Ø 32 mm
sucked dia. 32 mm



Art. No.: 01 30 24.*

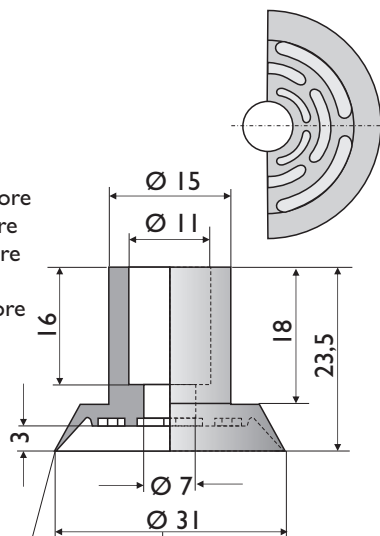
Hub/Stroke: 3,0 mm
Gewicht/Weight: 3,0 g

*Material:
NBR schwarz/black 60° Shore
NR schwarz/black 45° Shore
Silikon weiss/white 45° Shore
50° - +300° C
Silikon transparent 45° Shore
50° - +300° C

Anschlussstücke/Fittings
AT.0227 - AG M5
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
00 08 21 - IG 1/4"

dünne Sauglippe 0,35 mm
thin suction lip 0,35 mm

angesaugt Ø 32,5 mm
sucked dia. 32,5 mm

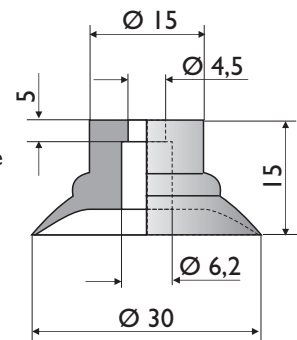


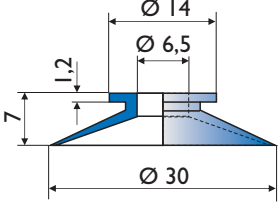
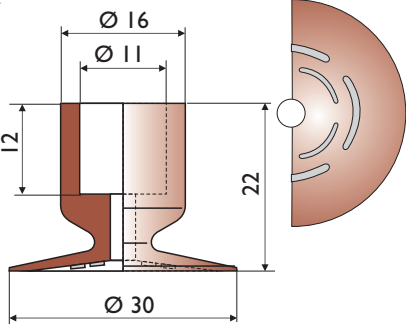
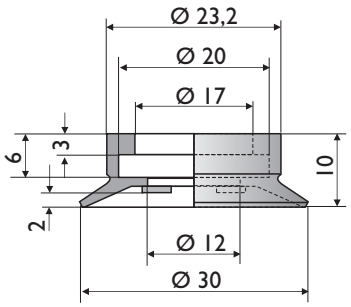
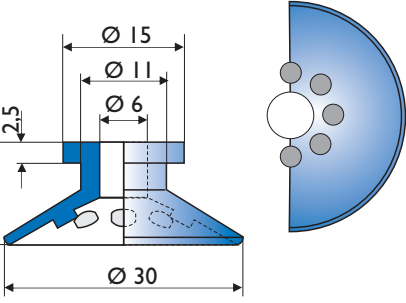
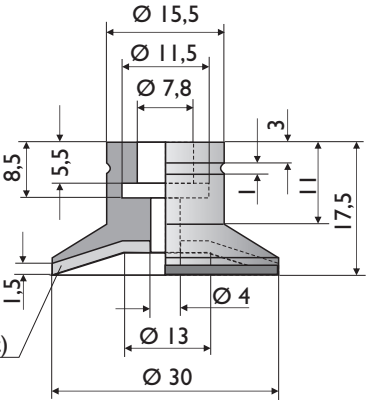
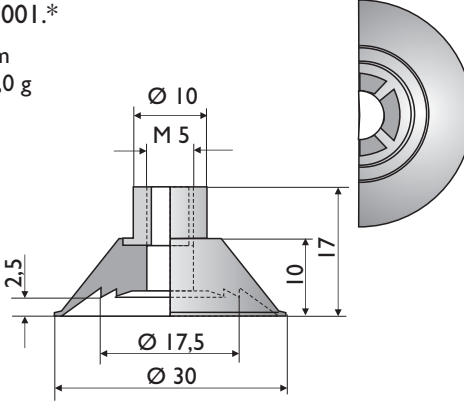
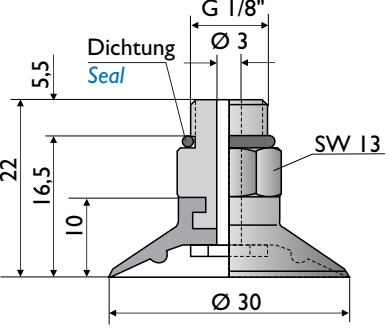
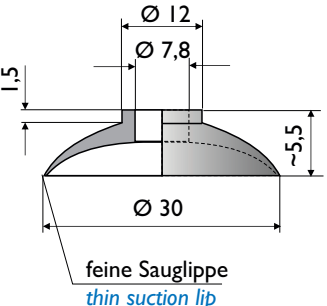
Art. No.: F0.030.013.*

Hub/Stroke: 2,0 mm
Gewicht/Weight: 4,0 g

*Material:
NBR schwarz/black 50° Shore
Silikon transparent 50° Shore
Silikon schwarz/black
antistatisch/antistatic 50° Shore
Fluorsilikon rot/red 40° Shore

Anschlussstücke/Fittings
AT.0613 - AG M5
AT.0003 - AG 1/8"



<p>Art. No.: F0.030.014.* Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 1,2 g</p> <p>* Material: Vinyl blau/<i>blue</i></p> 	<p>Art. No.: F0.030.015.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 3,7 g</p> <p>*Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/ <i>high wear resistant</i> hochabdruckarm/ <i>high anti-marking</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0723 - AG 1/8" AT.0603 - AG 1/4"</p> 
<p>Art. No.: F0.030.016.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlussteil/<i>Fitting</i> AT.0234 - IG 1/8"</p> 	<p>Art. No.: F0.030.017.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 2,0 g</p> <p>*Material: Vinyl blau/<i>blue</i></p> <p>Anschlussteile/<i>Fittings</i> AT.0702 - AG M5 AT.0238 - AG 1/8"/IG M5</p> 
<p>Art. No.: F0.030.020.* Hub/<i>Stroke</i>: 1,5 mm Gewicht/<i>Weight</i>: 4,0 g</p> <p>* Material: Silikon transparent</p> <p>Anschlussteil/<i>Fitting</i> AT.0015 - AG 1/8"</p> <p>Schwamm (Si rot) <i>Sponge (Si red)</i></p> <p>für genarbte Teile, abdruckfrei, temperaturbeständig bis 200° C</p> <p><i>for grained parts, anti-marking, heat resistant up to +200° C</i></p> 	<p>Art. No.: FI.030.001.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 4,0 g</p> <p>* Material: Silikon rot/<i>red</i> CR schwarz/<i>black</i></p> 
<p>Art. No.: F2.030.001.* Hub/<i>Stroke</i>: 2,5 mm Gewicht/<i>Weight</i>: 6,0 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon blau/<i>blue</i> Silikon transparent</p> 	<p>Art. No.: F0.030.012.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 1,0 g</p> <p>* Material: NBR schwarz/<i>black</i> 60° Shore NR schwarz/<i>black</i> 40° Shore Silikon rot/<i>red</i> 60° Shore Silikon schwarz/<i>black</i> 50° Shore antistatisch/<i>antistatic</i></p> <p>Auf Anfrage/<i>on request</i>: Silikon blau/<i>blue</i> 40° Shore NBR schwarz/<i>black</i> 40° Shore</p> <p>feine Sauglippe <i>thin suction lip</i></p> 

Vakuumflachsauger Ø 32 mm

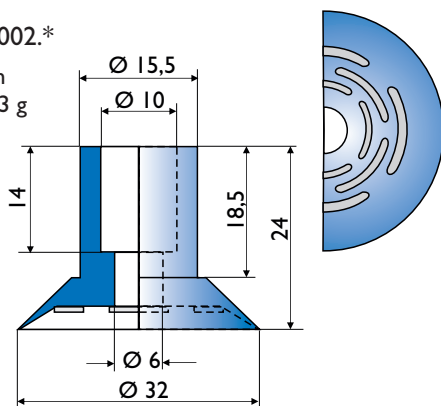
Flat Vacuum Suction Cups dia. 32 mm

Art. No.: F0.032.002.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 4,3 g

* Material:
Vinyl blau/*blue*



Anschlusssteile/*Fittings*

AT.0723 - AG 1/8"

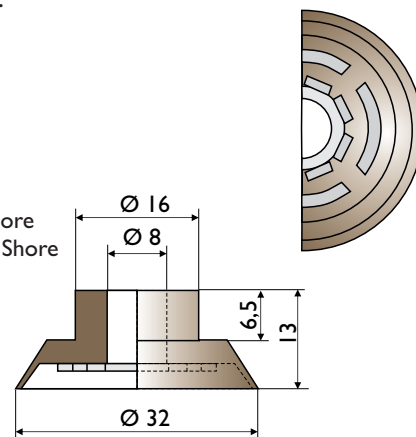
AT.0603 - AG 1/4"

Art. No.: F0.032.003.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 3,2 g

* Material:
NR braun/*brown* 40° Shore
Silikon transparent 50° Shore



Anschlusssteil/*Fitting*

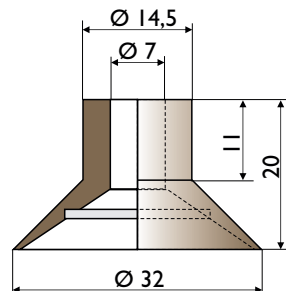
AT.0538 - AG 1/8"

Art. No.: F0.032.004.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 3,4 g

* Material:
NR braun/*brown* 40° Shore



Anschlusssteile/*Fittings*

AT.0702 - AG M5

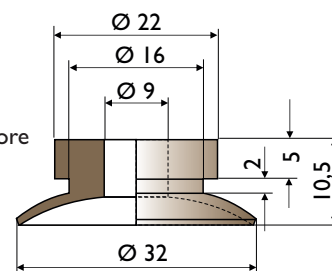
AT.0238 - AG 1/8"/IG M5

Art. No.: F0.032.005.*

Hub/*Stroke*: 3,5 mm

Gewicht/*Weight*: 3,0 g

* Material:
NR braun/*brown* 40° Shore

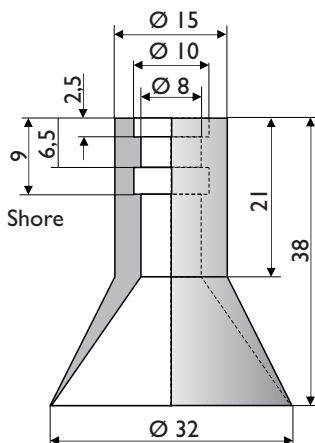


Art. No.: F0.032.007.*

Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 4,2 g

*Material:
Silikon transparent 30°/50° Shore



Anschlusssteil/*Fitting*

AT.0538 - AG 1/8"

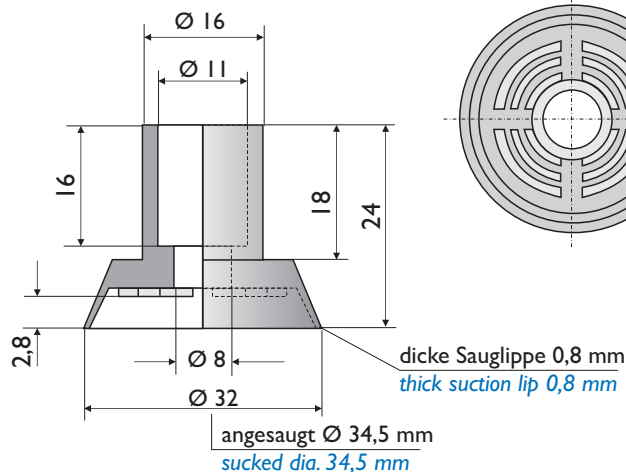
Art. No.: F0.032.010.*

Hub/*Stroke*: 2,8 mm
 Gewicht/*Weight*: 4,3 g

*Material:
 NBR schwarz/*black* 50° Shore
 NR beige 40° Shore
 Silikon transparent 50° Shore

Anschlusssteile/*Fittings*

AT.0227 - AG M5
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"
 00 08 15 - AG 1/4" x IG M8
 00 08 21 - IG 1/4"



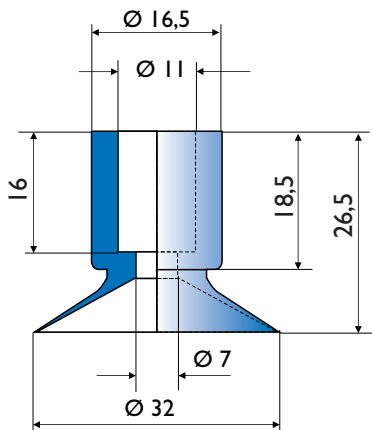
Art. No.: F0.032.013.*

Hub/*Stroke*: 5,5 mm
 Gewicht/*Weight*: 3,6 g

*Material:
 Vinyl blau/*blue*

Anschlusssteile/*Fittings*

AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"



Art. No.: F0.032.046.*

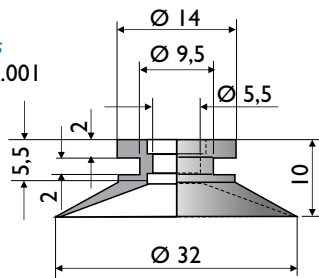
ohne Abstützrippen/*without cleats*
 Option: Haltering/*holding ring* HR.001

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 1,8 g

*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50 Shore

Anschlusssteile/*Fittings*

AT.0094 - AG M5
 AT.0250 - AG 1/8"-IG M5 (SH=3,5)
 AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)
 AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/*with mesh filter*)
 AT.0809 - IG 1/8" (Standard)
 AT.0809.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)

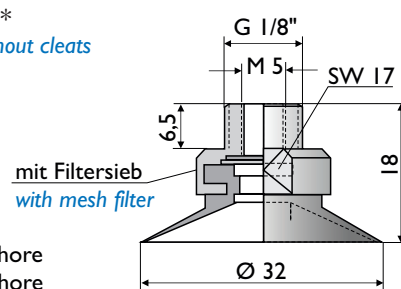


Art. No.: F0.032.047.*

ohne Abstützrippen/*without cleats*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 4,6 g

*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50 Shore



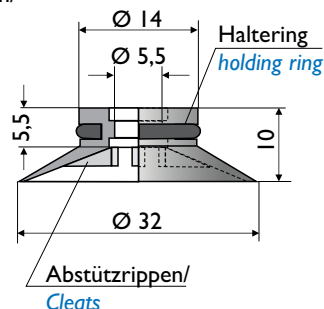
Vakuumflachsauger Ø 32 mm

Flat Vacuum Suction Cups dia. 32 mm

Art. No.: F0.032.030.*
 mit Haltering und Abstützrippen/
 with cleats and holding ring

Hub/Stroke: 1,5 mm
 Gewicht/Weight: 2,1 g

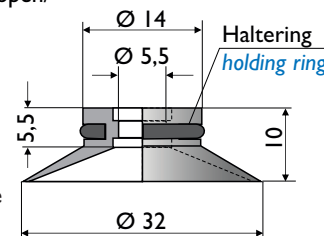
*Material:
 NBR schwarz/black 55° Shore
 Silikon rot/red 50° Shore
 Silikon transparent 50° Shore



Art. No.: F0.032.036.*
 mit Haltering, ohne Abstützrippen/
 without cleats, with holding ring

Hub/Stroke: 3,0 mm
 Gewicht/Weight: 2,4 g

*Material:
 NBR schwarz/black 55° Shore
 Silikon rot/red 50° Shore
 Silikon transparent 50° Shore



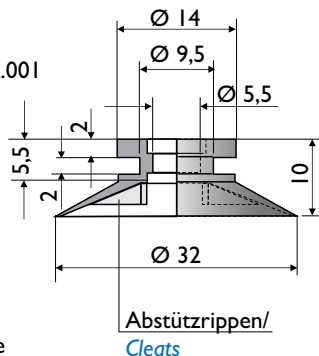
Anschlusssteile/Fittings

AT.0094 - AG M5
 AT.0250 - AG 1/8"-IG M5 (SH=3,5)
 AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)
 AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/with mesh filter)
 AT.0809 - IG 1/8" (Standard)
 AT.0809.FS - IG 1/8" (mit Filtersieb/with mesh filter)

Art. No.: F0.032.040.*
 mit Abstützrippen/with cleats
 Option: Haltering/holding ring HR.001

Hub/Stroke: 1,5 mm
 Gewicht/Weight: 2,2 g

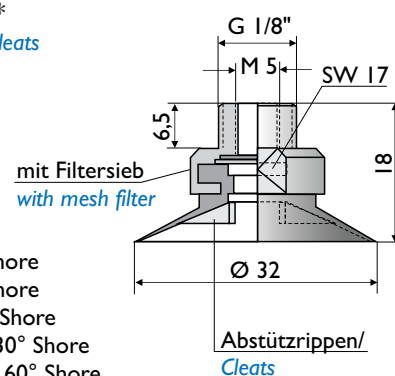
*Material:
 CR schwarz/black 50° Shore
 Silikon transparent 50° Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/green 30° Shore
 Polyurethan transparent 60° Shore



Art. No.: F0.032.041.*
 mit Abstützrippen/with cleats

Hub/Stroke: 1,5 mm
 Gewicht/Weight: 5,1 g

*Material:
 CR schwarz/black 50° Shore
 Silikon transparent 50° Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/green 30° Shore
 Polyurethan transparent 60° Shore



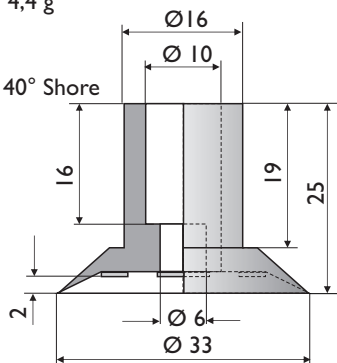
Anschlusssteile/Fittings

AT.0094 - AG M5
 AT.0250 - AG 1/8"-IG M5 (SH=3,5)
 AT.0802 - AG 1/8"-IG M5 (SH=1,8 Standard)
 AT.0802.FS - AG 1/8"-IG M5 (SH=1,8 mit Filtersieb/with mesh filter)
 AT.0809 - IG 1/8" (Standard)
 AT.0809.FS - IG 1/8" (mit Filtersieb/with mesh filter)

Art. No.: F0.033.001.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 4,4 g

*Material:
 NR braun/*brown* 40° Shore
 CR rot/*red*

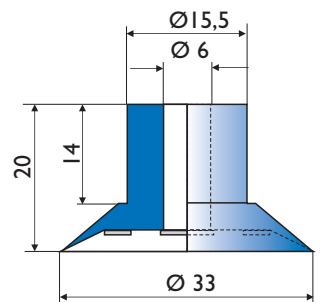


Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Art. No.: F0.033.002.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 4,4 g

*Material:
 Vinyl blau/*blue*

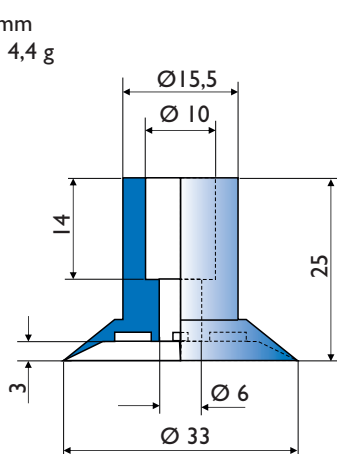


Anschlussteile/*Fittings*
 AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5

Art. No.: F0.033.003.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 4,4 g

*Material:
 Vinyl blau/*blue*

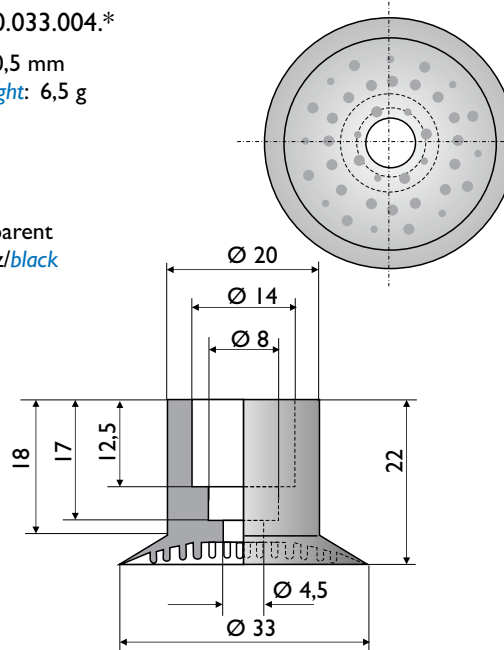


Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Art. No.: F0.033.004.*

Hub/*Stroke*: 0,5 mm
 Gewicht/*Weight*: 6,5 g

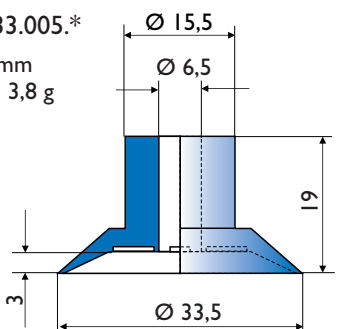
*Material:
 Silikon transparent
 NBR schwarz/*black*



Art. No.: F0.033.005.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 3,8 g

*Material:
 Vinyl blau/*blue*



Anschlussteile/*Fittings*
 AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5

Vakuumflachsauger Ø 34 mm

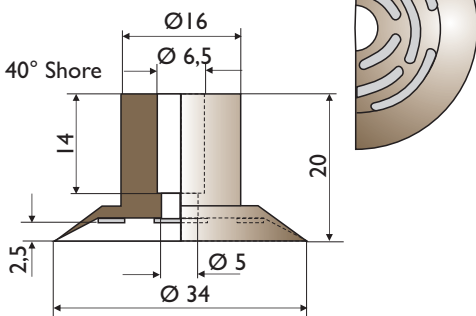
Flat Vacuum Suction Cups dia. 34 mm

Art. No.: F0.034.002.*

Hub/*Stroke*: 2,5 mm

Gewicht/*Weight*: 4,8 g

* Material:
 NR braun/*brown* 40° Shore



Anschlusssteile/*Fittings*

AT.0702 - AG M5

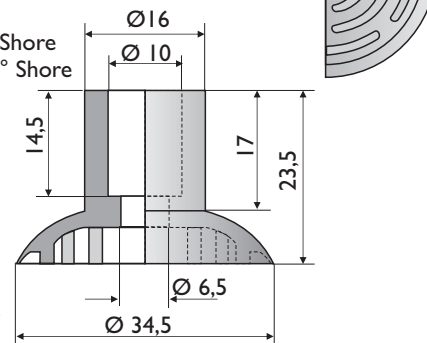
AT.0238 - AG 1/8"/IG M5

Art. No.: F0.034.003.*

Hub/*Stroke*: 0,0 mm

Gewicht/*Weight*: 5,0 g

* Material:
 NR braun/*brown* 40° Shore
 NR schwarz/*black* 50° Shore



Anschlusssteile/*Fittings*

AT.0723 - AG 1/8"

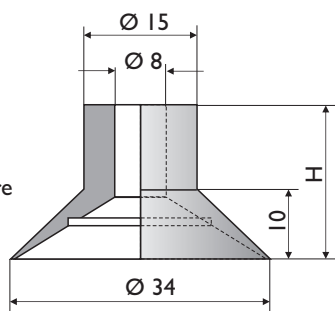
AT.0603 - AG 1/4

Art. No.: F0.034.001.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 4,0 g

* Material:
 NBR schwarz/*black* 50° Shore
 NR braun/*brown* 40° Shore



Anschlusssteil/*Fitting*

AT.0538 - AG 1/8"

H 20 mm = F0.034.001

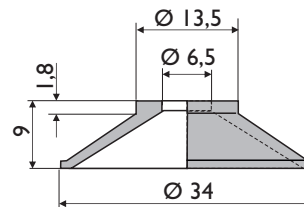
H 16 mm = F0.034.001.H16

Art. No.: F0.034.004.*

Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 2,1 g

*Material:
 Silikon transparent 50° Shore

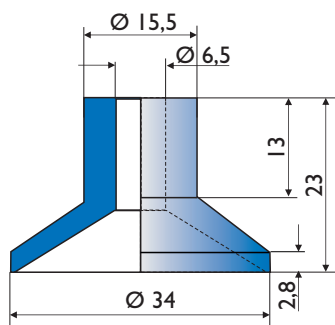


Art. No.: F0.034.005.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 5,6 g

* Material:
 Vinyl blau/*blue* 50° Shore



Anschlusssteile/*Fittings*

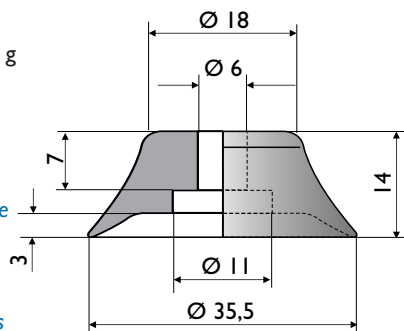
AT.0702 - AG M5

AT.0238 - AG 1/8"/IG M5

Art. No.: F0.035.001.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 6,0 g

*Material:
 NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*



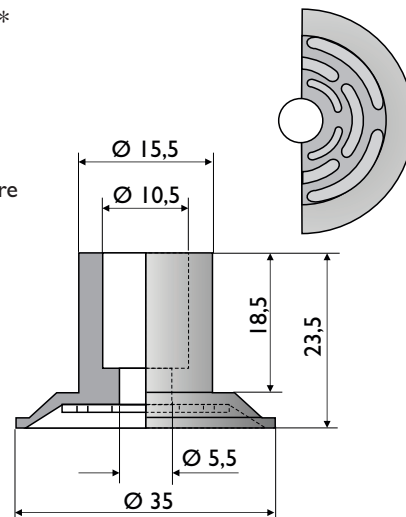
Anschlusssteile/*Fittings*

AT.0702 - AG M5
 AT.0057 - AG M6
 AT.0538 - AG 1/8"
 AT.0619 - IG 1/8"
 AT.0274 - AG 1/4"
 AT.0275 - IG 1/4"

Art. No.: F0.035.003.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 5,8 g

*Material:
 NR weiss/*white* 40° Shore



Anschlusssteile/*Fittings*

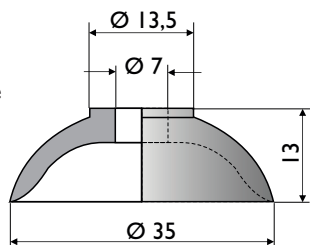
AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Mindestbestellmenge 25 Stück
Minimum order 25 pieces

Art. No.: F0.035.004.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 3,2 g

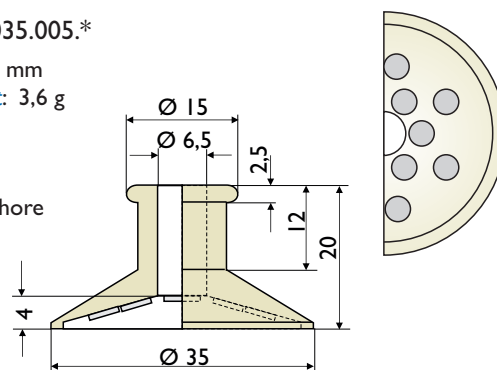
*Material:
 NR schwarz/*black* 50° Shore
 NR braun/*brown* 40° Shore



Art. No.: F0.035.005.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 3,6 g

*Material:
 NR beige 40° Shore



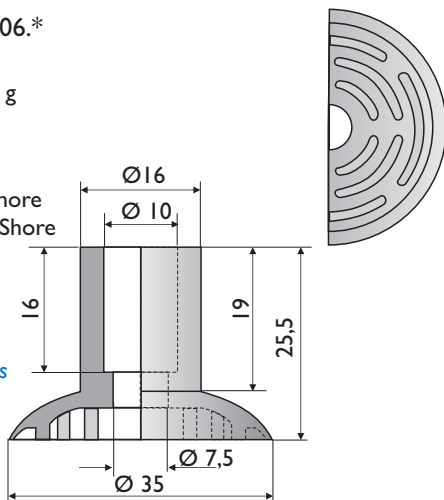
Anschlusssteile/*Fittings*

AT.0702 - AG M5
 AT.0238 - AG 1/8"/IG M5

Art. No.: F0.035.006.*

Hub/*Stroke*: 0,0 mm
 Gewicht/*Weight*: 6,0 g

*Material:
 NR gelb/*yellow* 40° Shore
 PU braun/*brown* 60° Shore



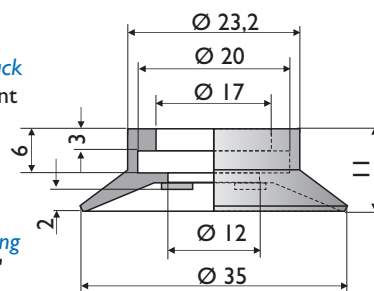
Anschlusssteile/*Fittings*

AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Art. No.: F0.035.008.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 2,5 g

*Material:
 NBR schwarz/*black*
 Silikon transparent



Anschlusssteile/*Fitting*

AT.0234 - IG 1/8"

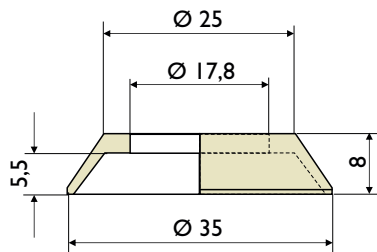
Vakuumflachsauger Ø 35 mm

Flat Vacuum Suction Cups dia. 35 mm

Art. No.: F0.035.009.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 2,0 g

*Material:
NR beige 40° Shore

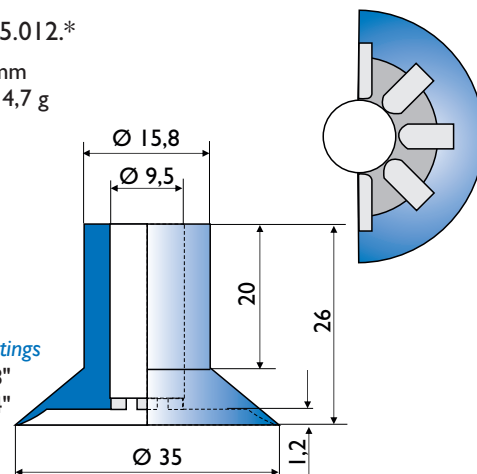


Art. No.: F0.035.012.*

Hub/*Stroke*: 1,2 mm
Gewicht/*Weight*: 4,7 g

*Material:
Vinyl blau/*blue*

Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0850 - AG 1/4"



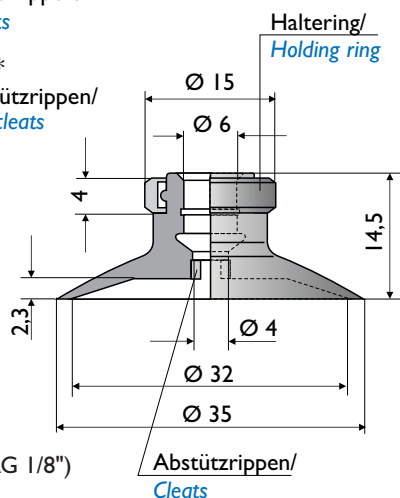
Art. No.: F0.035.011.*.Ring (Standard)
mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.035.011.*
ohne Haltering, mit Abstützrippen/
without holding ring, with cleats

Hub/*Stroke*: 2,3 mm
Gewicht/*Weight*: 5,0 g

*Material:
NBR schwarz/*black*
Silikon transparent

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238.M5 - (IG M5 - AG 1/8")



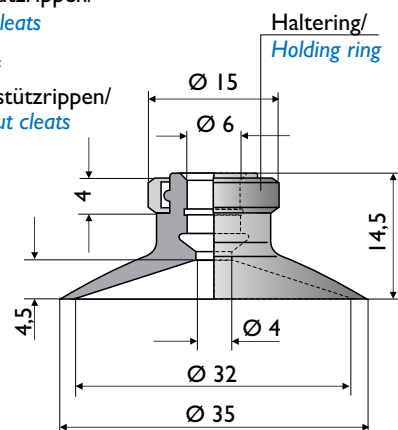
Art. No.: F0.035.010.*.Ring (Standard)
mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Art. No.: F0.035.010.*
ohne Haltering, ohne Abstützrippen/
without holding ring, without cleats

Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 3,8 g

*Material:
NBR schwarz/*black*
Silikon transparent

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238.M5 - (IG M5 - AG 1/8")



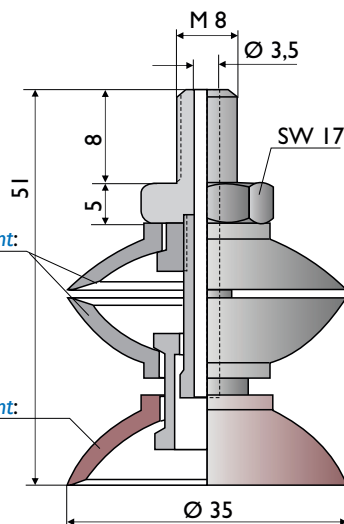
Spezial-Vakuumsauger/*Special Vacuum Cup* „Triple-Cup“

Art. No.: F2.035.001.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 42 g

Ersatz/*Replacement*:
F0.035.004.
NR 50° Shore

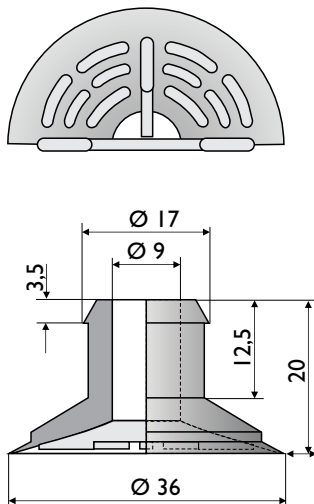
Ersatz/*Replacement*:
F0.035.004.
NR 40° Shore



Art. No.: F0.036.001.*

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

* Material:
 NBR schwarz/*black*
 Silikon transparent

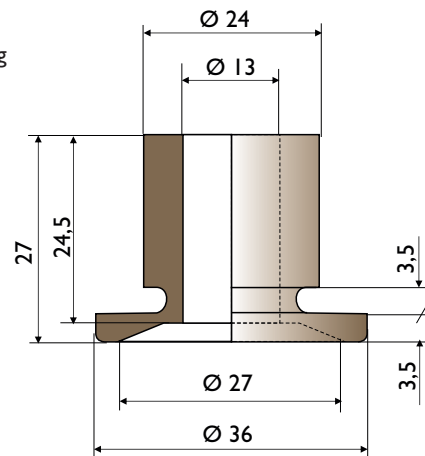


Anschlussteile/*Fittings*
 AT.0723 - AG 1/8"
 AT.0603 - AG 1/4"

Art. No.: F0.036.002.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 9,7 g

* Material:
 NR braun/*brown*
 40° Shore

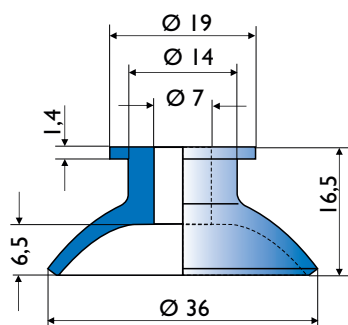


Anschlussteile/*Fittings*
 AT.0813 - IG 1/8"
 AT.0824 - AG 1/4"

Art. No.: F0.036.004.*

Hub/*Stroke*: 6,0 mm
 Gewicht/*Weight*: 4,3 g

* Material:
 Vinyl blau/*blue*

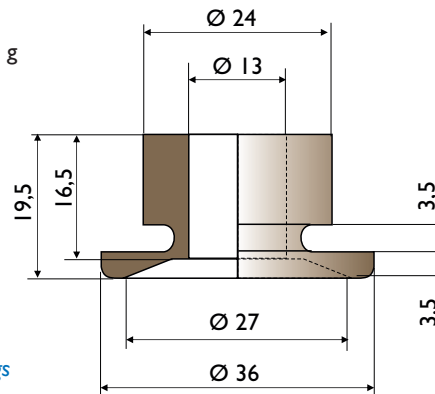


Anschlussteile/*Fittings*
 00 08 82 - AG 1/8"
 AT.0274 - AG 1/4"

Art. No.: F0.036.005.*

Hub/*Stroke*: 1,5 mm
 Gewicht/*Weight*: 7,5 g

* Material:
 NR braun/*brown*
 40° Shore



Anschlussteile/*Fittings*
 AT.0813 - IG 1/8"
 AT.0824 - AG 1/4"

Vakuumflachsauger Ø 38 - 40 mm

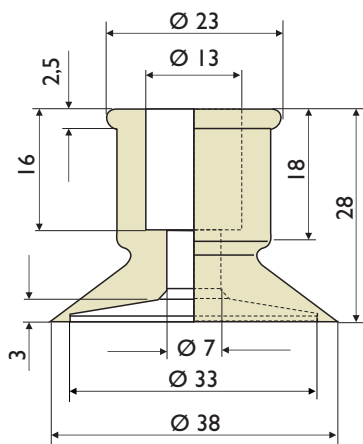
Flat Vacuum Suction Cups dia. 38 - 40 mm

Art. No.: F0.038.004.*

Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 8,0 g

* Material:
NR beige 40° Shore

Anschlusssteil/*Fitting*
AT.0824 - AG 1/4"

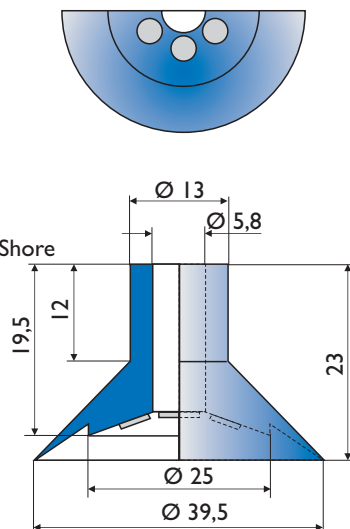


Art. No.: F0.039.005.*

Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 5,8 g

* Material:
Polyurethan blau/*blue* 50° Shore
Vinyl blau/*blue* 50° Shore

Anschlusssteile/*Fittings*
AT.0702 - AG M5
AT.0238 - AG 1/8"/IG M5

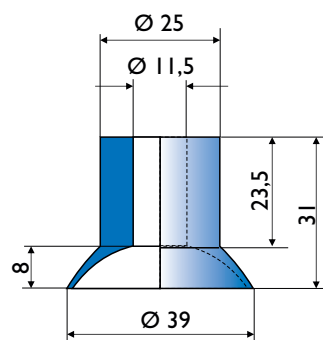


Art. No.: F0.039.006.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 12 g

* Material:
Vinyl blau/*blue*

Anschlusssteil/*Fitting*
AT.0049 - AG 1/4"

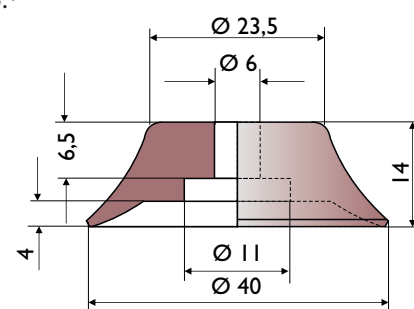


Art. No.: F0.040.035.*

Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 8,2 g

* Material:
Vulkollan braun/*brown* 70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking

Anschlusssteile/*Fittings*
AT.0702 - AG M5 | AT.0619 - IG 1/8"
AT.0057 - AG M6 | AT.0274 - AG 1/4"
AT.0538 - AG 1/8" | AT.0275 - IG 1/4"



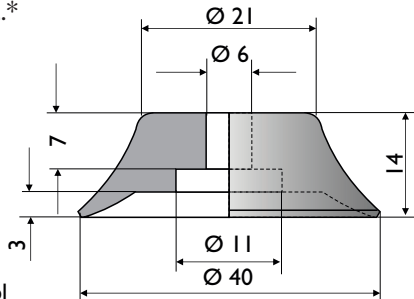
Art. No.: F0.040.002.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 8,2 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 PUR blau/*blue*

Art.No.: F0.040.AM2.bl
 hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

Anschlusssteile/*Fittings*
 AT.0702 - AG M5 | AT.0619 - IG 1/8"
 AT.0057 - AG M6 | AT.0274 - AG 1/4"
 AT.0538 - AG 1/8" | AT.0275 - IG 1/4"



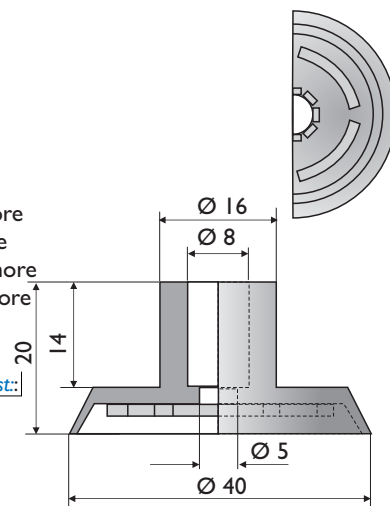
Art. No.: F0.040.003.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 4,8 g

* Material:
 NR schwarz/*black* 50° Shore
 NR braun/*brown* 40° Shore
 NBR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore

Anschlusssteil/*Fitting*
 AT.0538 - AG 1/8"

auf Wunsch/*on request*:
 Höhe/*height* 12 mm



Art. No.: F0.040.004.*

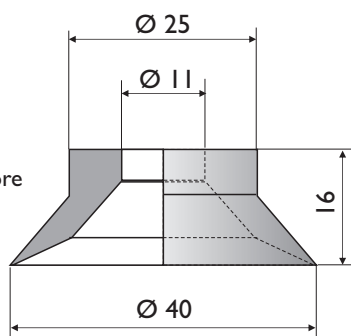
Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 5,5 g

*Material:
 Silikon transparent 50° Shore
 NR braun/*brown* 40° Shore**
 Polyurethan blau/*blue* 50° Shore

Anschlusssteile/*Fittings*
 00 08 44 = AG 1/8"
 00 08 22 = AG 1/4"

*Besonderheit:
 • für besonders unebene Flächen

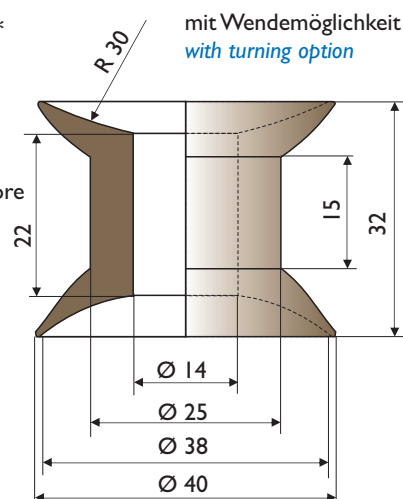
*Special use:
 • for uneven surfaces



Art. No.: F0.040.005.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 14 g

*Material:
 NR braun/*brown* 38° Shore

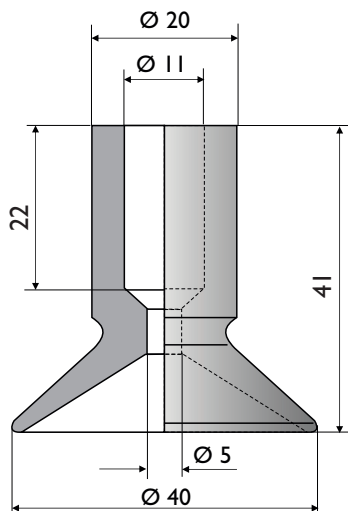


Art. No.: F0.040.006.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 18 g

*Material:
 Silikon transparent 50° Shore
 NR schwarz/*black* 50° Shore

Anschlusssteil/*Fitting*
 AT.0049 - AG 1/4"

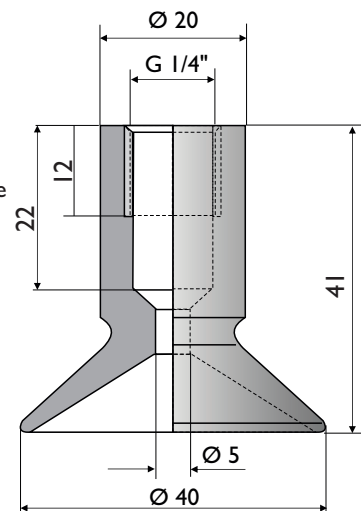


Art. No.: F1.040.001.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 18 g

*Material:
 Silikon transparent 50° Shore
 NR schwarz/*black* 50° Shore

Anschlusssteil/*Fitting*
 AT.0049 - AG 1/4"



Vakuumflachsauger Ø 40 mm

Flat Vacuum Suction Cups dia. 40 mm

Art. No.: F0.040.007.*

Hub/*Stroke*: 2,2 mm

Gewicht/*Weight*: 9,0 g

* Material:

HNBR schwarz/*black* 60° Shore
 -30° - +140° C

Silikon transparent 50° Shore
 -40° - +180° C

Polyurethan blau/*blue* 55° Shore
 -20° - +60° C

FKM (Viton®) grau/*grey* 60° Shore
 -10° - +230° C

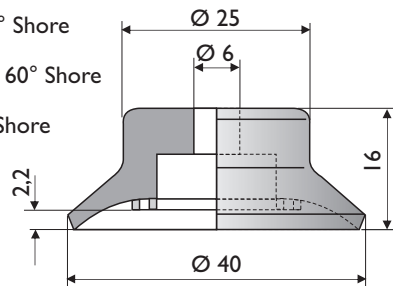
NBR schwarz/*black* 50° Shore
 antistatisch/*antistatic*

Vorteile:

- Hoch ölbeständige HNBR-Qualität
- Verstärkte Sauglippe mit Abstützrippen für mehr Positionsstabilität

Advantages:

- High oil resistant HNBR quality
- Reinforced lip with cleats for a better position stability



Anschlusssteile/*Fittings*

AT.0312 - AG M6

AT.0539 - AG 1/8"

Art. No.: F0.040.008.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 7,5 g

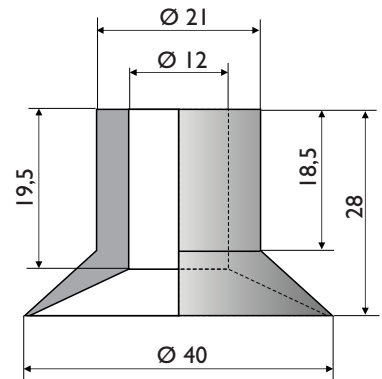
* Material:

Silikon transparent

NR braun/*brown* 40° Shore

Anschlusssteile/*Fitting*

AT.0049 - AG 1/4"



Art. No.: F0.040.009.*

Hub/*Stroke*: 4,5 mm

Gewicht/*Weight*: 7,5 g

* Material:

NBR schwarz/*black*

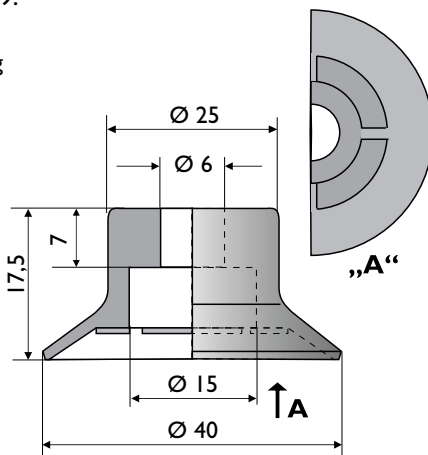
Silikon transparent

PUR blau/*blue*

FKM grau/*grey*

Silikon schwarz/*black*

antistatisch/*antistatic*



Anschlusssteile/*Fittings*

AT.0312 - AG M6

AT.0538 - AG 1/8"

Art. No.: F0.040.015.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 8,5 g

* Material:

NBR schwarz/*black*

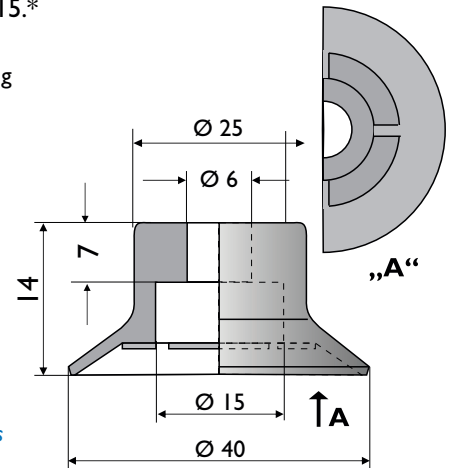
Silikon transparent

PUR blau/*blue*

FKM grau/*grey*

Silikon schwarz/*black*

antistatisch/*antistatic*



Anschlusssteile/*Fittings*

AT.0312 - AG M6

AT.0538 - AG 1/8"

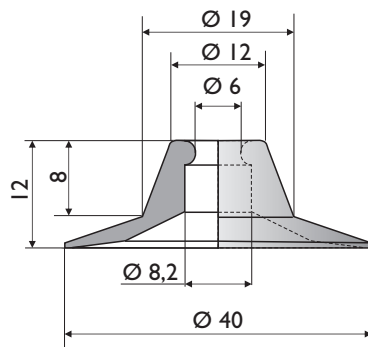
Art. No.: F0.040.011.*

Hub/*Stroke*: 2,0 mm

Gewicht/*Weight*: 3,2 g

*Material:

NBR schwarz/*black*



Anschlusssteile/*Fittings*

AT.0200 - AG M5

AT.0538 - AG 1/8"

Art. No.: F0.040.014.*

Hub/*Stroke*: 5,5 mm

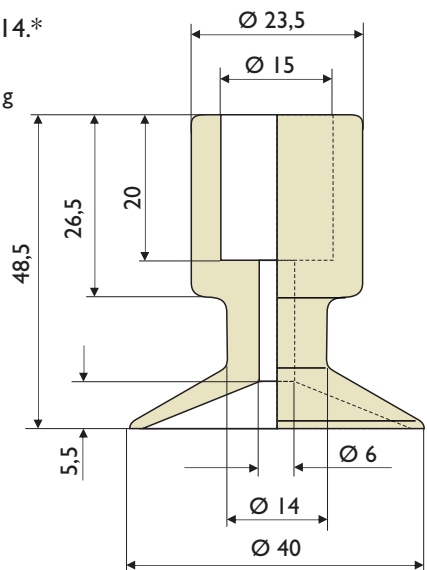
Gewicht/*Weight*: 7,0 g

*Material:

NR beige 40° Shore

Anschlusssteile/*Fitting*

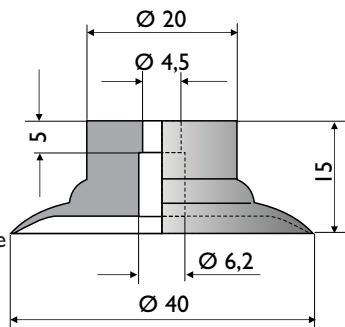
00 08 09 - AG 1/4"



Art. No.: F0.040.016.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 8,0 g

* Material:
 NBR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore
 Silikon schwarz/*black*
 antistatisch/*antistatic* 50° Shore
 Fluorsilikon rot/*red* 40° Shore

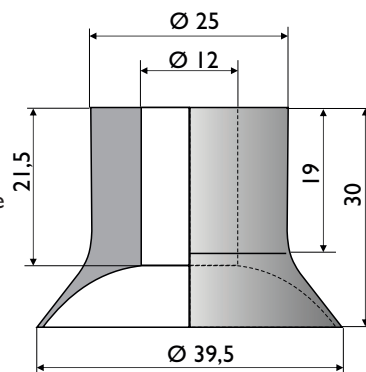


Anschlussteile/*Fittings*
 AT.0613 - AG M5
 AT.0003 - AG 1/8"

Art. No.: F0.040.017.*

Hub/*Stroke*: 6,0 mm
 Gewicht/*Weight*: 12 g

* Material:
 NBR schwarz/*black*
 Silikon transparent
 NR braun/*brown* 40° Shore

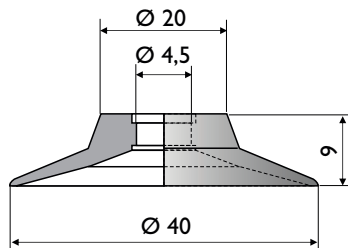


Anschlussteil/*Fitting*
 AT.0049 - AG 1/4"

Art. No.: F0.040.019.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 4,0 g

* Material:
 CR schwarz/*black*

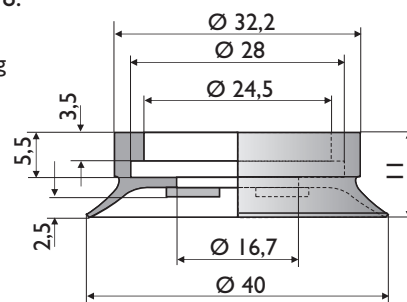


Anschlussteile/*Fittings*
 AT.0250 - AG 1/8"/IG M5 (SH = 3,5 mm)
 AT.0802 - AG 1/8"/IG M5 (SH = 1,8 mm)
 AT.0802.FS - AG 1/8"/IG M5
 AT.0809 - IG 1/8"
 AT.0809.FS - IG 1/8"

Art. No.: F0.040.018.*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 4,0 g

* Material:
 NBR schwarz/*black*
 -25 - +120° C
 Silikon transparent
 -60 - +250° C

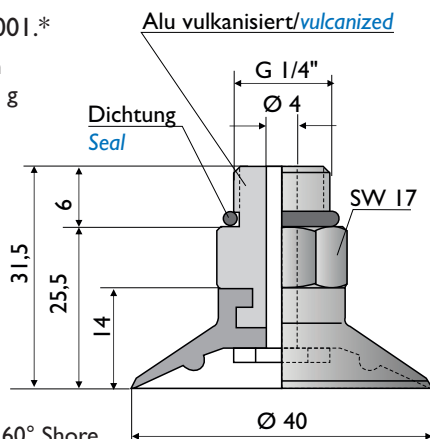


Anschlussteil/*Fitting*
 AT.0235 - IG 1/8"

Art. No.: F2.040.001.*

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 14 g

* Material:
 NBR schwarz/*black* 60° Shore
 Silikon blau/*blue* 60° Shore

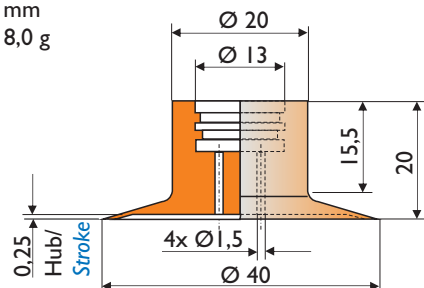


Art. No.: SV.040.003.*

Hub/*Stroke*: 0,25 mm
 Gewicht/*Weight*: 8,0 g

* Material:
 NR orange 40° Shore

Anschlussteile/*Fittings*
 AT.0097 - AG 1/4"
 AT.0098 - IG 1/4"



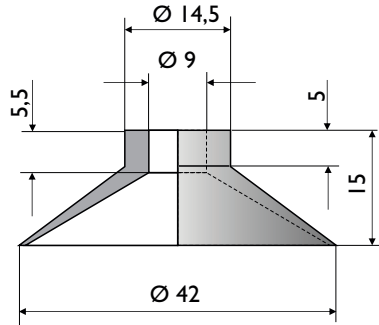
Vakuumflachsauger Ø 42 - 43 mm

Flat Vacuum Suction Cups dia. 42 - 43 mm

Art. No.: F0.042.003.*

Hub/*Stroke*: 7,0 mm
 Gewicht/*Weight*: 3,0 g

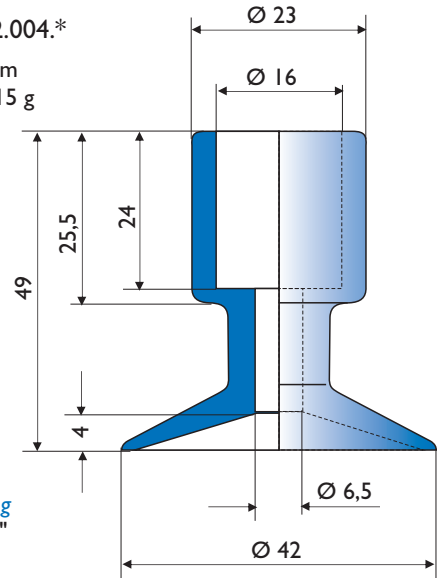
* Material:
 NR schwarz/*black*



Art. No.: F0.042.004.*

Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 15 g

*Material:
 Vinyl blau/*blue*



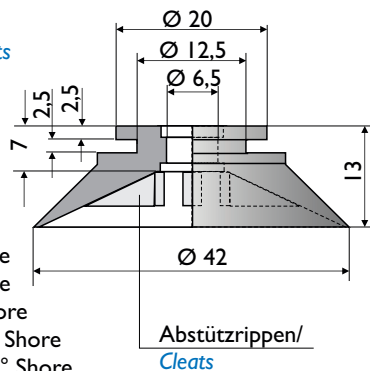
Anschlussteil/*Fitting*
 00 08 09 - AG 1/4"

Art. No.: F0.042.040.*
 mit Abstützrippen/*with cleats*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 5,4 g

Option: Haltering/
holding ring HR.002

*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50 Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/*green* 30° Shore
 Polyurethan transparent 60° Shore



Abstützrippen/
Cleats

Anschlussteile/*Fittings*

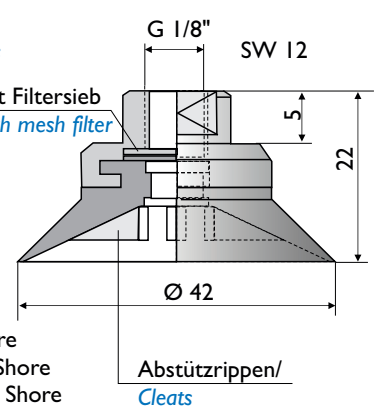
AT.0814 - AG 1/8"
 AT.0814.FS - AG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0810 - IG 1/8"
 AT.0810.FS - AG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0823 - AG 1/4"
 AT.0823.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
 AT.0827.FS - IG 1/4"

Art. No.: F0.042.041.*
 mit Abstützrippen/*with cleats*

Hub/*Stroke*: 2,5 mm
 Gewicht/*Weight*: 11,3 g

mit Filtersieb
with mesh filter

*Material:
 Chloropren schwarz/*black*
 50° Shore
 Silikon transparent 50 Shore
 Polyurethan orange 50° Shore
 Polyurethan grün/*green* 30° Shore
 Polyurethan transparent 60° Shore



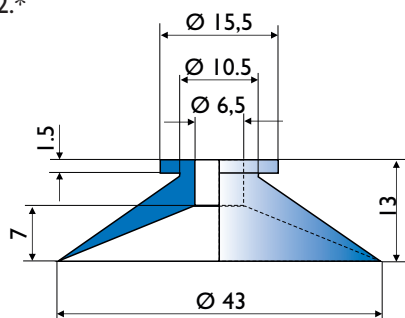
Abstützrippen/
Cleats

Art. No.: F0.043.002.*

Hub/*Stroke*: 5,0 mm
 Gewicht/*Weight*: 3,6 g

* Material:
 Vinyl blau/*blue*

Anschlussteil/*Fitting*
 AT.0702 - AG M5



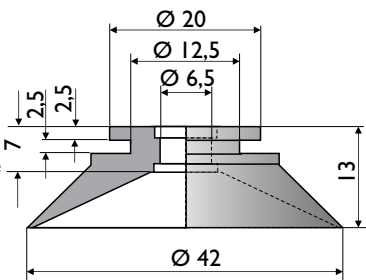
Art. No.: F0.042.046.*
 ohne Abstützrippen/*without cleats*
 Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 4,9 g

*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore

Anschlusssteile/Fittings

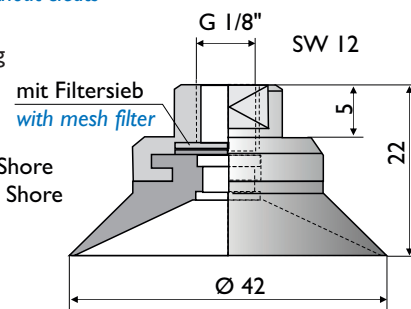
AT.0814 - AG 1/8"
 AT.0814.FS - AG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0810 - IG 1/8"
 AT.0810.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0823 - AG 1/4"
 AT.0823.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
 AT.0827.FS - IG 1/4"

Option:
 Haltering/*holding ring* HR.002



Art. No.: F0.042.047.*
 ohne Abstützrippen/*without cleats*
 Hub/*Stroke*: 4,0 mm
 Gewicht/*Weight*: 10,5 g

*Material:
 CR schwarz/*black* 50° Shore
 Silikon transparent 50° Shore



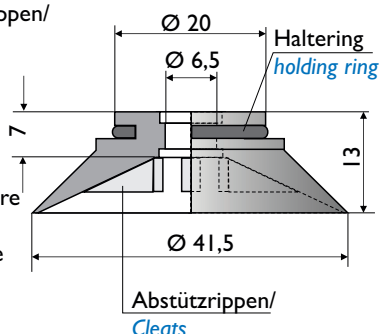
Art. No.: F0.042.030.*
 mit Haltering und Abstützrippen/
with holding ring and cleats

Hub/*Stroke*: 3,0 mm
 Gewicht/*Weight*: 5,5 g

*Material:
 NBR schwarz/*black* 55° Shore
 Silikon rot/*red* 50° Shore
 Silikon transparent 50° Shore

Anschlusssteile/Fittings

AT.0814 - AG 1/8"
 AT.0814.FS - AG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0810 - IG 1/8"
 AT.0810.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0823 - AG 1/4"
 AT.0823.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
 AT.0827.FS - IG 1/4"



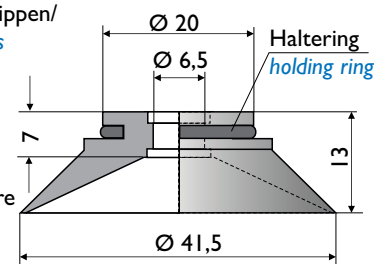
Art. No.: F0.042.036.*
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Hub/*Stroke*: 4,5 mm
 Gewicht/*Weight*: 5,2 g

*Material:
 NBR schwarz/*black* 55° Shore
 Silikon rot/*red* 50° Shore
 Silikon transparent 50° Shore

Anschlusssteile/Fittings

AT.0814 - AG 1/8"
 AT.0814.FS - AG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0810 - IG 1/8"
 AT.0810.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
 AT.0823 - AG 1/4"
 AT.0823.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
 AT.0827.FS - IG 1/4"



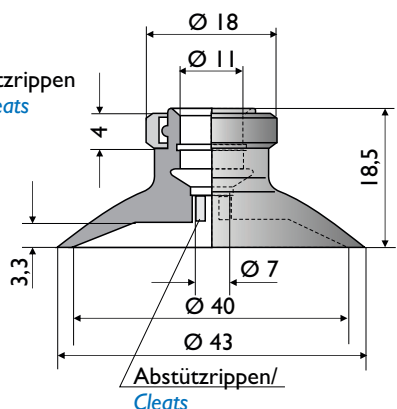
Art. No.: F0.043.004.*.Ring (Standard)
 mit Haltering und Abstützrippen/
with holding ring and cleats

Art. No.: F0.043.004.*
 ohne Haltering, mit Abstützrippen
without holding ring, with cleats

Hub/*Stroke*: 3,3 mm
 Gewicht/*Weight*: 9,0 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

Anschlusssteile/Fittings
 auf Anfrage/*on request*



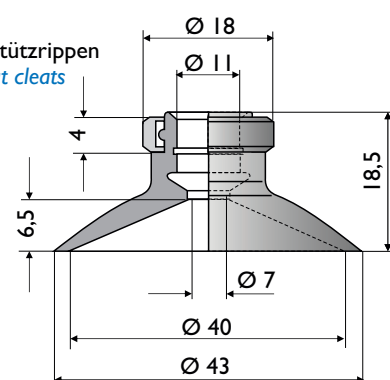
Art. No.: F0.043.003.*.Ring (Standard)
 mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Art. No.: F0.043.003.*
 ohne Haltering, ohne Abstützrippen
without holding ring, without cleats

Hub/*Stroke*: 5,5 mm
 Gewicht/*Weight*: 7,5 g

*Material:
 NBR schwarz/*black*
 Silikon transparent

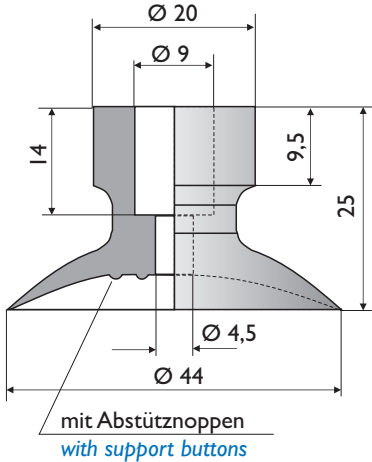
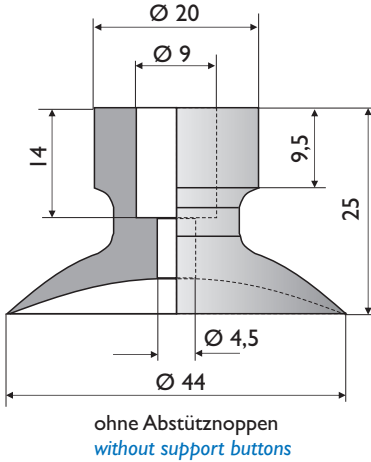
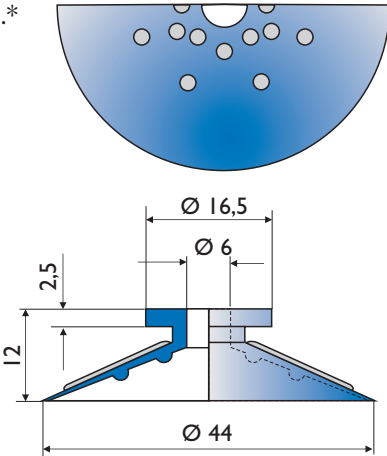
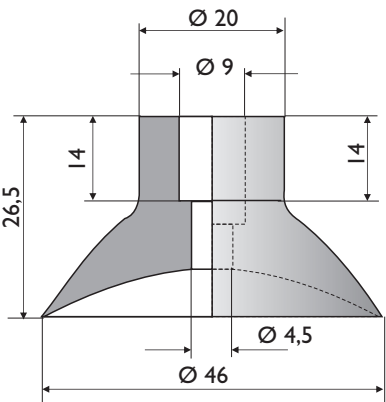
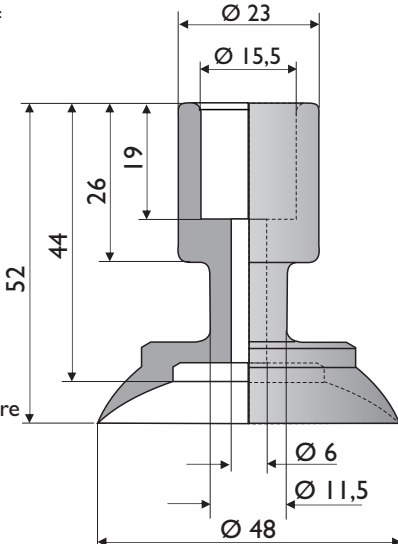
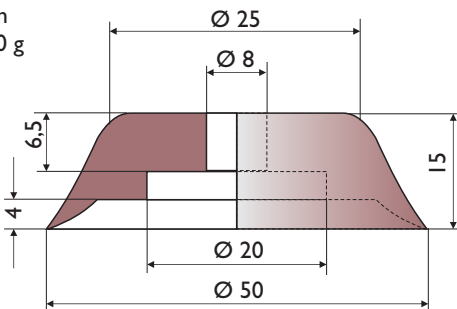
Anschlusssteile/Fittings
 auf Anfrage/*on request*



Vakuumflachsauger Ø 44 - 50 mm

Flat Vacuum Suction Cups dia. 44 - 50 mm

2

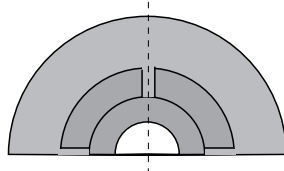
<p>Art. No.: F0.044.001.* Hub/<i>Stroke</i>: 2,0 mm Gewicht/<i>Weight</i>: 10 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlusssteil/<i>Fitting</i> AT.0814 - AG 1/8"</p>  <p>mit Abstütznoppen <i>with support buttons</i></p>	<p>Art. No.: F0.044.002.* Hub/<i>Stroke</i>: 4,0 mm Gewicht/<i>Weight</i>: 10 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlusssteil/<i>Fitting</i> AT.0814 - AG 1/8"</p>  <p>ohne Abstütznoppen <i>without support buttons</i></p>
<p>Art. No.: F0.044.003.* Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 4,8 g</p> <p>* Material: Vinyl blau/<i>blue</i></p> <p>Anschlusssteil/<i>Fitting</i> AT.0702 - AG M5</p> 	<p>Art. No.: F0.046.001.* Hub/<i>Stroke</i>: 6,0 mm Gewicht/<i>Weight</i>: 10 g</p> <p>* Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlusssteil/<i>Fitting</i> AT.0814 - AG 1/8"</p> 
<p>Art. No.: F0.048.001.* Hub/<i>Stroke</i>: 8,0 mm Gewicht/<i>Weight</i>: 19 g</p> <p>* Material: NBR schwarz/<i>black</i> NR braun/<i>brown</i> 40° Shore</p> <p>Anschlusssteil/<i>Fitting</i> 00 08 09 - AG 1/4"</p> 	<p>Art. No.: F0.050.035.* Hub/<i>Stroke</i>: 3,5 mm Gewicht/<i>Weight</i>: 10 g</p> <p>* Material: Vulkollan braun/<i>brown</i> 70° Shore hochverschleissfest/<i>high wear resistant</i> Hochabdruckarm/<i>high anti-marking</i></p> <p>Anschlusssteil/<i>Fitting</i> AT.0612 - AG 1/8"</p> 

Art. No.: F0.050.001.*

Hub/*Stroke*: 6,5 mm
 Gewicht/*Weight*: 16 g

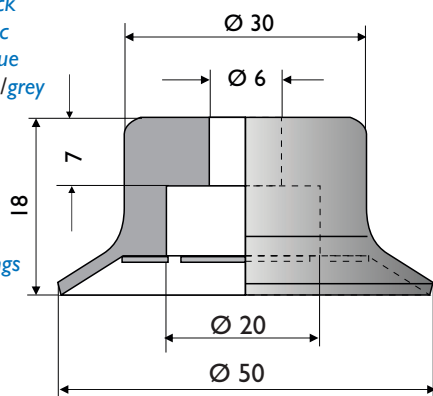
*Material:

NBR schwarz/*black*
 Silikon transparent
 Silikon schwarz/*black*
 antistatisch/*antistatic*
 Polyurethan blau/*blue*
 FKM (Viton®) grau/*grey*



Anschlussteile/*Fittings*

AT.0312 - AG M6
 AT.0538 - AG 1/8"

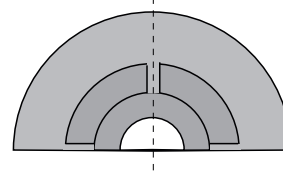


Art. No.: F0.050.005.*

Hub/*Stroke*: 2,0 mm
 Gewicht/*Weight*: 20 g

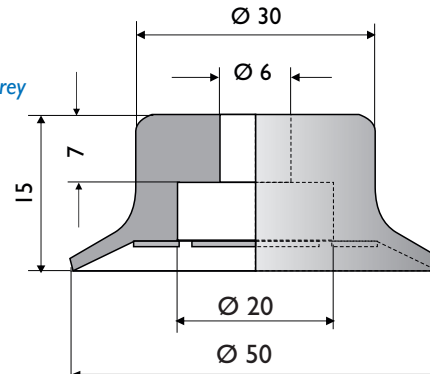
*Material:

NBR schwarz/*black*
 Silikon transparent
 Silikon schwarz/*black*
 antistatisch/*antistatic*
 Polyurethan blau/*blue*
 FKM (Viton®) grau/*grey*



Anschlussteile/*Fittings*

AT.0312 - AG M6
 AT.0538 - AG 1/8"

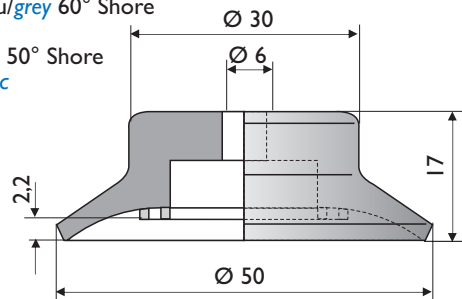


Art. No.: F0.050.003.*

Hub/*Stroke*: 2,2 mm
 Gewicht/*Weight*: 14 g

* Material:

HNBR schwarz/*black* 60° Shore
 -30° - +140° C
 Silikon transparent 50° Shore
 -40° . + 180° C
 Polyurethan blau/*blue* 55° Shore
 -20° - + 60° C
 FKM (Viton®) grau/*grey* 60° Shore
 -10° - + 230° C
 NBR schwarz/*black* 50° Shore
 antistatisch/*antistatic*



Vorteile:

- Hochölbeständige HNBR-Qualität
- Verstärkte Sauglippe mit Abstützrippen für mehr Positionsstabilität

Advantages:

- High oil resistant HNBR quality
- Reinforced lip with cleats for a better position stability

Anschlussteile/*Fittings*

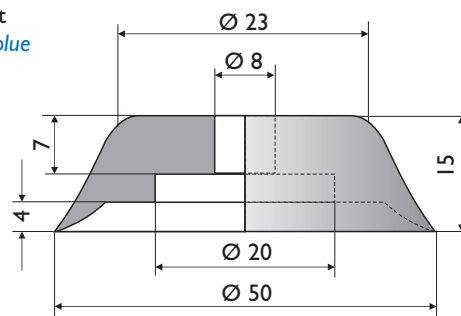
AT.0312 - AG M6
 AT.0539 - AG 1/8"

Art. No.: F0.050.004.*

Hub/*Stroke*: 3,5 mm
 Gewicht/*Weight*: 10 g

*Material:

NBR schwarz/*black*
 Silikon transparent
 Polyurethan blau/*blue*



Art.No.: F0.050.AM2.bl

hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

Anschlussteil/*Fitting*

AT.0612 - AG 1/8"

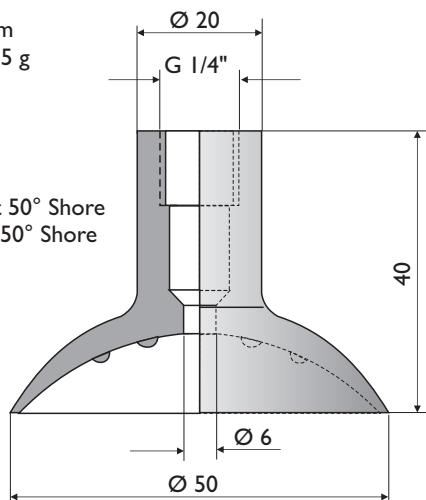
Vakuumflachsauger Ø 50 mm

Flat Vacuum Suction Cups dia. 50 mm

Art. No.: FI.050.002.*

Hub/Stroke: 9,0 mm
Gewicht/Weight: 15 g

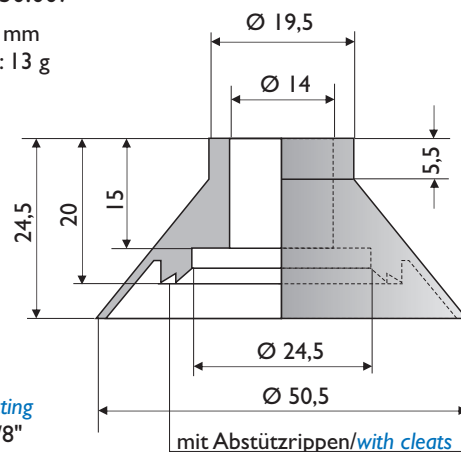
*Material:
Silikon transparent 50° Shore
NR schwarz/black 50° Shore



Art. No.: F0.050.007

Hub/Stroke: 4,5 mm
Gewicht/Weight: 13 g

*Material:
Chloropren schwarz/black
Silikon rot/red



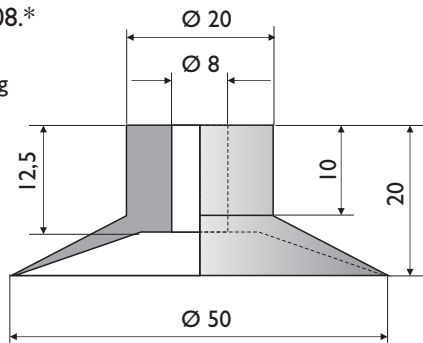
Anschlusssteil/Fitting
AT.0184 - AG 1/8"

mit Abstützrippen/with cleats

Art. No.: F0.050.008.*

Hub/Stroke: 4,0 mm
Gewicht/Weight: 8,0 g

*Material:
Silikon transparent
NR braun/brown
40° Shore

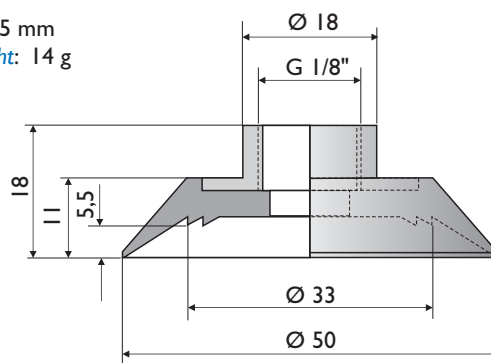


Anschlusssteile/Fittings
AT.0132 - AG 1/8"
AT.0010 - AG 1/4"

Art. No.: FI.050.001.*

Hub/Stroke: 5,5 mm
Gewicht/Weight: 14 g

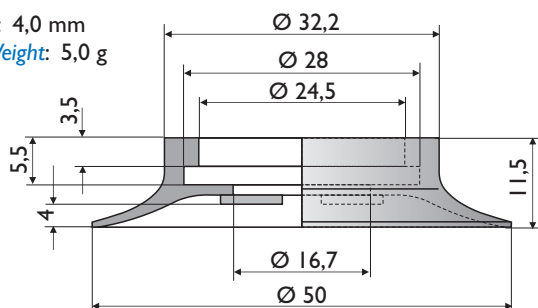
*Material:
Silikon rot/red
Chloropren
schwarz/black



Art. No.: F0.050.010.*

Hub/Stroke: 4,0 mm
Gewicht/Weight: 5,0 g

*Material:
NBR schwarz/black -25 - +120° C
Silikon transparent -60 - +250° C

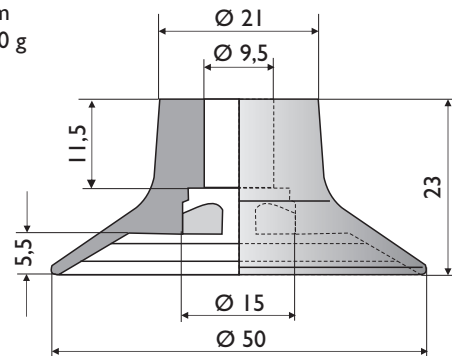


Anschlusssteil/Fitting
AT.0235 - IG 1/8"

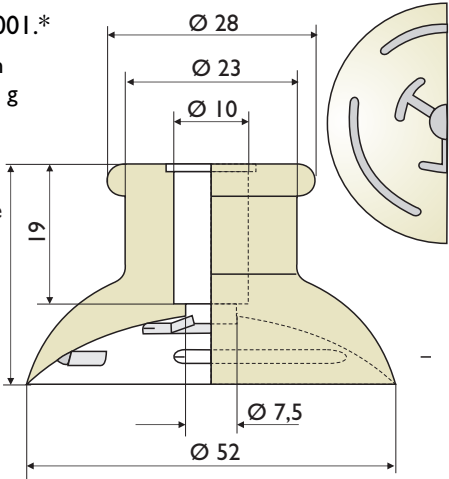
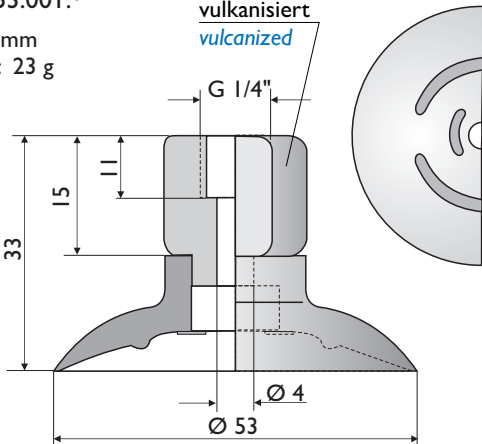
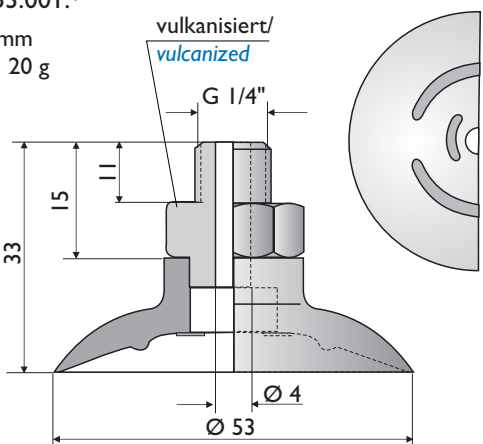
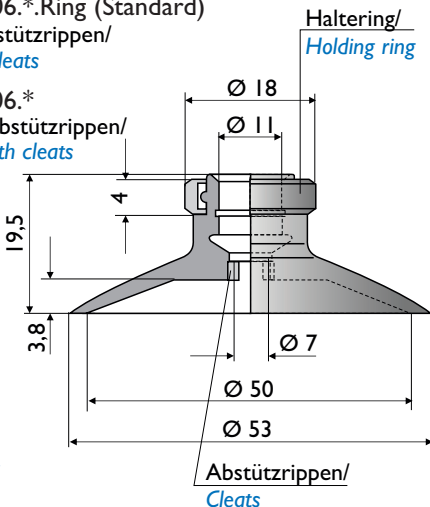
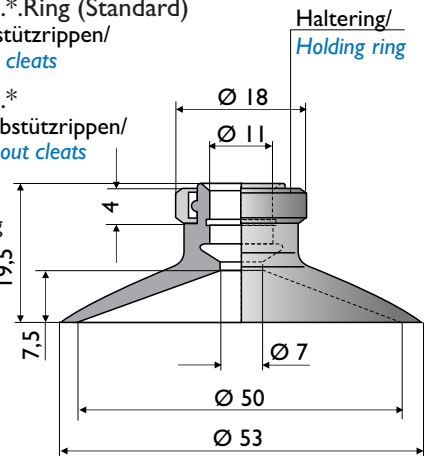
Art. No.: F0.050.011.*

Hub/Stroke: 4,5 mm
Gewicht/Weight: 10 g

*Material:
NBR grau/grey
NR beige 40° Shore



Anschlusssteile/Fittings
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

<p>Art. No.: F0.052.001.*</p> <p>Hub/<i>Stroke</i>: 6,0 mm Gewicht/<i>Weight</i>: 15 g</p> <p>*Material: NR beige 40° Shore</p> <p>Anschlusssteile/ <i>Fittings</i> AT.0723 - AG 1/8" AT.0603 - AG 1/4"</p> 	
<p>Art. No.: F1.053.001.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 23 g</p> <p>*Material: NBR schwarz/<i>black</i> 50° Shore NR braun/<i>brown</i> 40° Shore Silikon rot/<i>red</i> 50° Shore</p> <p>vulkanisiert <i>vulcanized</i></p> 	<p>Art. No.: F2.053.001.*</p> <p>Hub/<i>Stroke</i>: 3,0 mm Gewicht/<i>Weight</i>: 20 g</p> <p>*Material: NBR schwarz/<i>black</i> 50° Shore NR braun/<i>brown</i> 40° Shore Silikon rot/<i>red</i> 50° Shore</p> <p>vulkanisiert/ <i>vulcanized</i></p> 
<p>Art. No.: F0.053.006.*.Ring (Standard) mit Haltering und Abstützrippen/ <i>with holding ring and cleats</i></p> <p>Art. No.: F0.053.006.* ohne Haltering, mit Abstützrippen/ <i>without holding ring, with cleats</i></p> <p>Hub/<i>Stroke</i>: 3,8 mm Gewicht/<i>Weight</i>: 13 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlusssteile/<i>Fittings</i> auf Anfrage/<i>on request</i></p> 	<p>Art. No.: F0.053.005.*.Ring (Standard) mit Haltering, ohne Abstützrippen/ <i>with holding ring, without cleats</i></p> <p>Art. No.: F0.053.005.* ohne Haltering, ohne Abstützrippen/ <i>without holding ring, without cleats</i></p> <p>Hub/<i>Stroke</i>: 6,0 mm Gewicht/<i>Weight</i>: 11,5 g</p> <p>*Material: NBR schwarz/<i>black</i> Silikon transparent</p> <p>Anschlusssteile/<i>Fittings</i> auf Anfrage/<i>on request</i></p> 

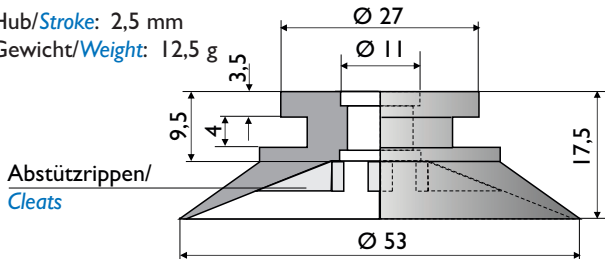
Vakuumflachsauger Ø 53 mm

Flat Vacuum Suction Cups dia. 53 mm

Art. No.: F0.053.040.*
mit Abstützrippen/*with cleats*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 12,5 g

Option:
Haltering/*holding ring* HR.003

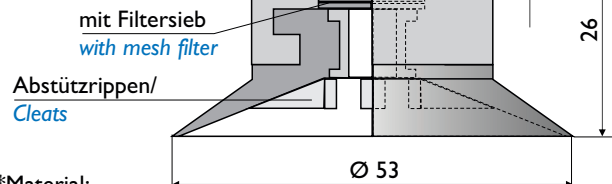


*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50 Shore
Polyurethan orange 50° Shore
Polyurethan grün/*green* 30° Shore
Polyurethan transparent 60° Shore

Anschlusssteile/*Fittings*
AT.0813 - IG 1/8"
AT.0813.FS - IG 1/8"
AT.0824 - AG 1/4"
AT.0824.FS - AG 1/4"
AT.0836.FS - IG 1/4"
AT.0831 - IG 3/8"
AT.0831.FS - IG 3/8"

Art. No.: F0.053.041.*
mit Abstützrippen/*with cleats*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 25,2 g

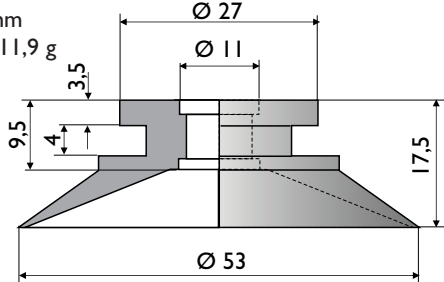


*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan orange 50° Shore
Polyurethan grün/*green* 30° Shore
Polyurethan transparent 60° Shore

Art. No.: F0.053.046.*
ohne Abstützrippen/*without cleats*

Hub/*Stroke*: 6,5 mm
Gewicht/*Weight*: 11,9 g

Option:
Haltering/*holding ring* HR.003

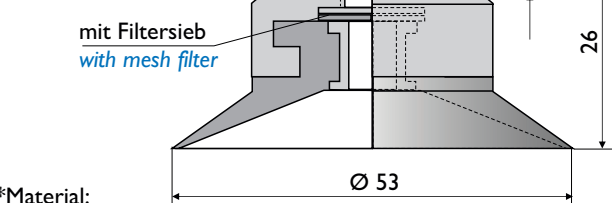


*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50 Shore

Anschlusssteile/*Fittings*
AT.0813 - IG 1/8"
AT.0813.FS - IG 1/8"
AT.0824 - AG 1/4"
AT.0824.FS - AG 1/4"
AT.0836.FS - IG 1/4"
AT.0831 - IG 3/8"
AT.0831.FS - IG 3/8"

Art. No.: F0.053.047.*
ohne Abstützrippen/*without cleats*

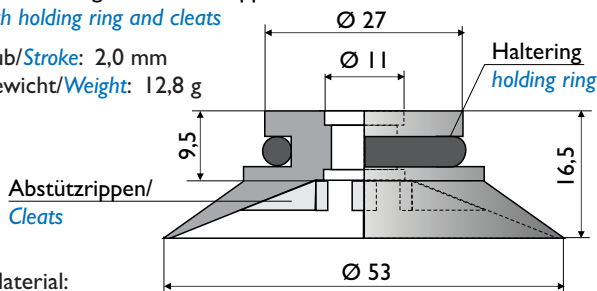
Hub/*Stroke*: 6,5 mm
Gewicht/*Weight*: 24,5 g



*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50° Shore

Art. No.: F0.053.030.*
mit Haltering und Abstützrippen/
with holding ring and cleats

Hub/*Stroke*: 2,0 mm
Gewicht/*Weight*: 12,8 g

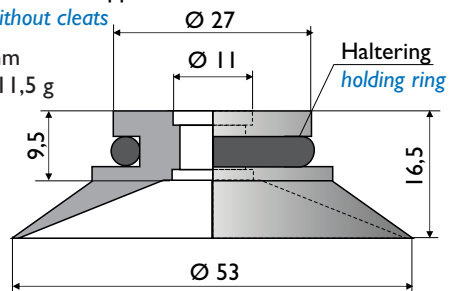


*Material:
NBR schwarz/*black* 55° Shore
Silikon rot/*red* 50° Shore
Silikon transparent 50° Shore

Anschlusssteile/*Fittings*
AT.0813 - IG 1/8"
AT.0813.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
AT.0824 - AG 1/4"

Art. No.: F0.053.036.*
mit Haltering, ohne Abstützrippen/
with holding ring, without cleats

Hub/*Stroke*: 6,0 mm
Gewicht/*Weight*: 11,5 g



*Material:
NBR schwarz/*black* 55° Shore
Silikon rot/*red* 50° Shore
Silikon transparent 50° Shore

AT.0824.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
AT.0836.FS - IG 1/4" (mit Filtersieb/*with mesh filter*)
AT.0831 - IG 3/8"
AT.0831.FS - IG 3/8" (mit Filtersieb/*with mesh filter*)

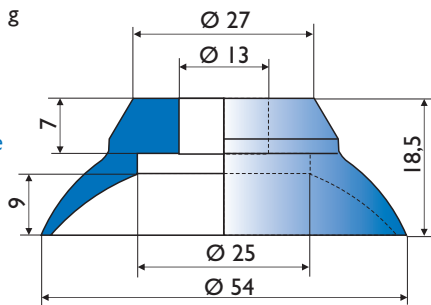
Art. No.: F0.054.001.*

Hub/*Stroke*: 6,0 mm

Gewicht/*Weight*: 13 g

*Material
 Polyuretan blau/*blue*

Anschlusssteil/*Fitting*
 AT.0184 - AG 1/4"



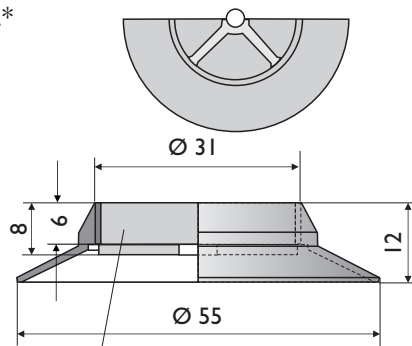
Art. No.: F0.055.001.*

Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 40 g

*Material
 NBR grau/*grey*
 SBR rotbraun/*red brown*

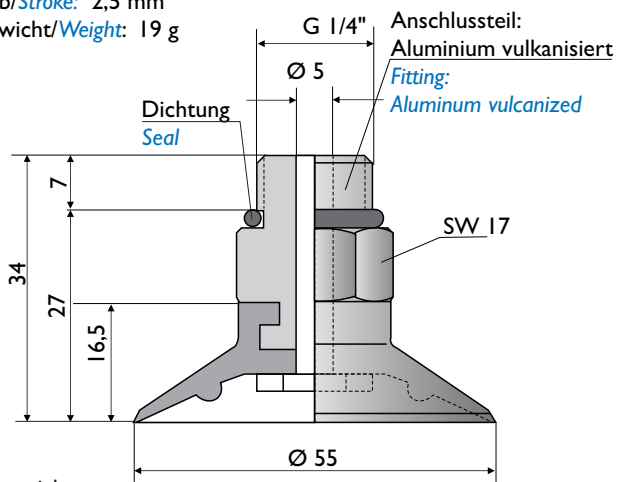
Stahl/*steel*
 auf Anfrage in Alu/*Alu on request*



Art. No.: F2.055.001.*

Hub/*Stroke*: 2,5 mm

Gewicht/*Weight*: 19 g



*Material:

NBR schwarz/*black* 60° Shore
 (auf Anfrage/*on request* 40° Shore)

Silikon blau/*blue* 60° Shore

Silikon transparent 60° Shore

(auf Anfrage/*on request* 40° und/*and* 20° Shore)

Vakuumflachsauger Ø 60 mm

Flat Vacuum Suction Cups dia. 60 mm

Einsatzbereiche:

Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

Positionsstabil durch einvulkanisierte Trägerplatte.
Auch für hohe Beschleunigungen geeignet.
Zwei verschiedene Anschlussgewinde: IG M10x1,25 und IG 1/4"

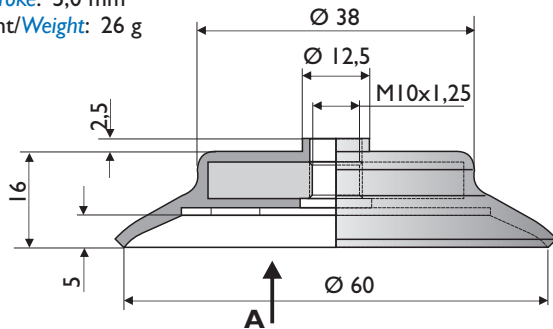
Hinweis:

Anschlusssteile und Federstößel mit verschiedenen Hübten sind auf Anfrage lieferbar.

Serie PFG: M10x1,25

Art. No.: FI.060.001.M10*

Hub/Stroke: 5,0 mm
Gewicht/Weight: 26 g

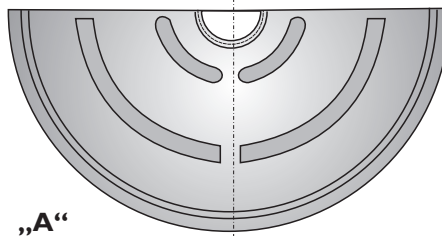


* Material:

NBR schwarz/black - 40° - +110° C
Silikon transparent - 70° - +200° C

Art.No.: FI.060.M10.AM2.bl

hochabdruckarm/high anti-marking
temperaturbeständig/temperature resistant
-10° - +165° C



Use:

For flat workpieces with smooth or lightly rough surface (sheets, wooden, glass etc.).

Advantages:

With a stable position by a invulcanized carrier plate.
Suitable for high accelerations.
Two diverse connecting threads: IG M10x1,25 und IG 1/4"

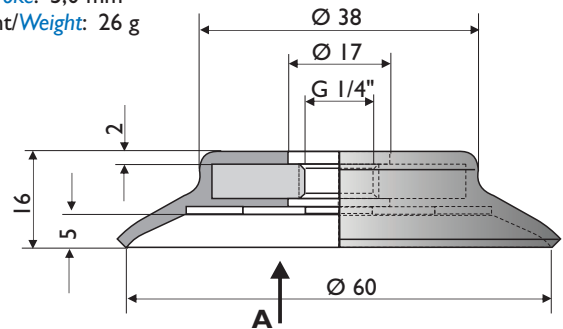
Note:

Fittings and spring levelers with different strokes are available on request.

Serie PFG: G 1/4"

Art. No.: FI.060.001.*

Hub/Stroke: 5,0 mm
Gewicht/Weight: 26 g



* Material:

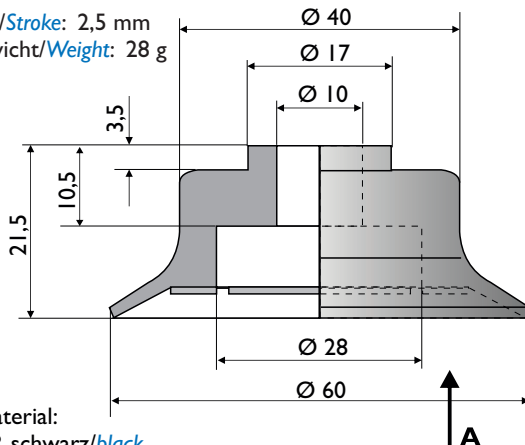
NBR schwarz/black - 40° - +110° C
Silikon transparent - 70° - +200° C
Polyurethan blau/blue - 25° - +80° C
FKM schwarz/black - 20° - +280° C

Art.No.: FI.060.AM2.bl

hochabdruckarm/high anti-marking
temperaturbeständig/temperature resistant
-10° - +165° C

Art. No.: F0.060.001.*

Hub/Stroke: 2,5 mm
Gewicht/Weight: 28 g



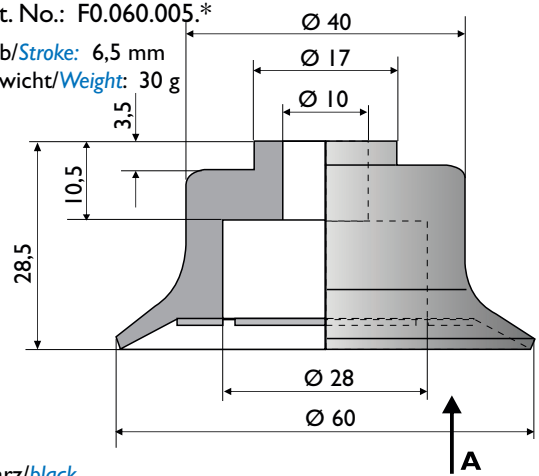
* Material:

NBR schwarz/black
Silikon transparent
Silikon schwarz/black
antistatisch/antistatic
Polyurethan blau/blue
FKM grau/grey (Viton®)

Anschlusssteile auf Anfrage/
Fittings on request

Art. No.: F0.060.005.*

Hub/Stroke: 6,5 mm
Gewicht/Weight: 30 g



* Material:

NBR schwarz/black
Silikon transparent
Silikon schwarz/black
antistatisch/antistatic
Polyurethan blau/blue
FKM grau/grey (Viton®)

Anschlusssteile auf Anfrage/
Fittings on request

Art. No.: F0.060.006.*

Hub/*Stroke*: 4,0 mm

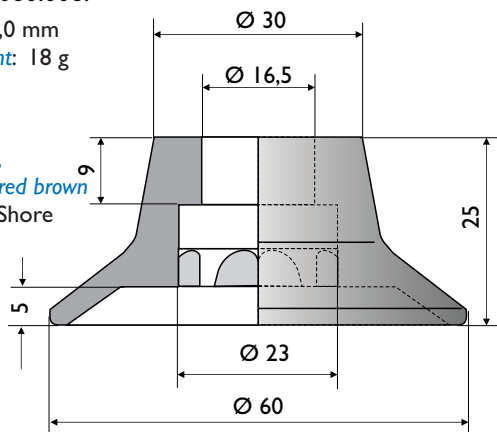
Gewicht/*Weight*: 18 g

* Material:

NBR grau/*grey*,

SBR rotbraun/*red brown*

NR beige 40° Shore



Art. No.: F0.060.002.*

Hub/*Stroke*: 5,0 mm

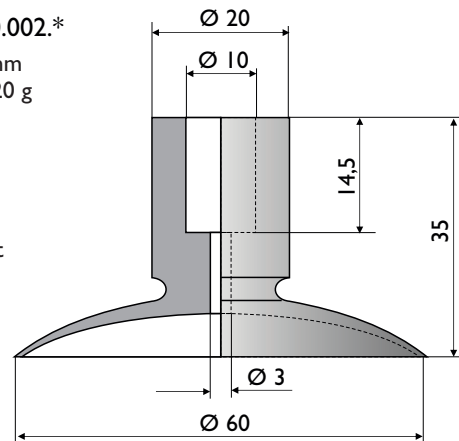
Gewicht/*Weight*: 20 g

* Material:

NR schwarz/*black*

Vinyl transparent

Silikon transparent



Anschlussteile/*Fittings*

AT.0723 - AG 1/8"

AT.0603 - AG 1/4"

Art. No.: F0.060.003.*

Hub/*Stroke*: 9,5 mm

Gewicht/*Weight*: 24 g

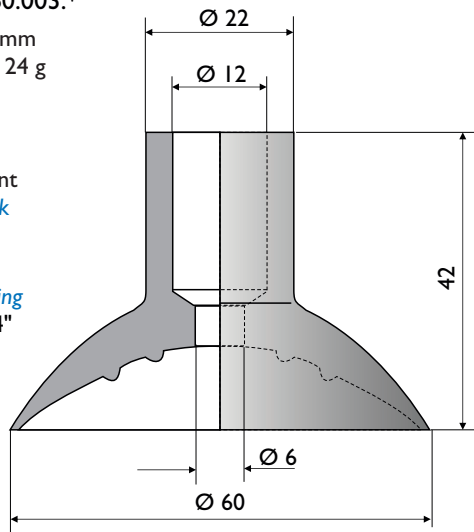
* Material:

Silikon transparent

NR schwarz/*black*

Anschlussteil/*Fitting*

AT.0049 - AG 1/4"



Art. No.: FI.060.003.*

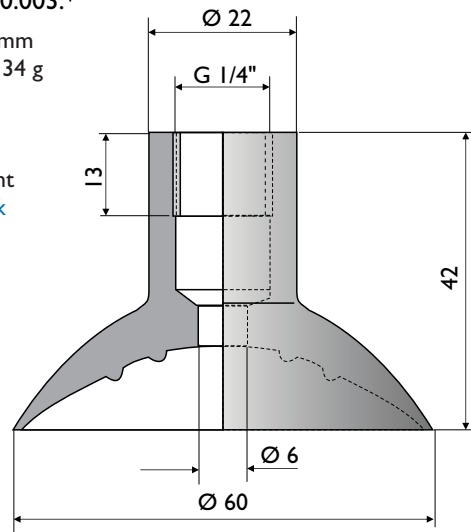
Hub/*Stroke*: 9,5 mm

Gewicht/*Weight*: 34 g

* Material:

Silikon transparent

NR schwarz/*black*



Art. No.: F0.060.004.*

Hub/*Stroke*: 10 mm

Gewicht/*Weight*: 26 g

* Material:

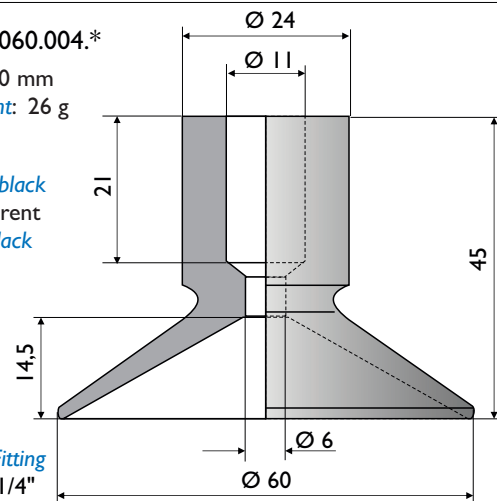
NBR schwarz/*black*

Silikon transparent

NR schwarz/*black*

Anschlussteil/*Fitting*

AT.0049 - AG 1/4"



Art. No.: FI.060.004.*

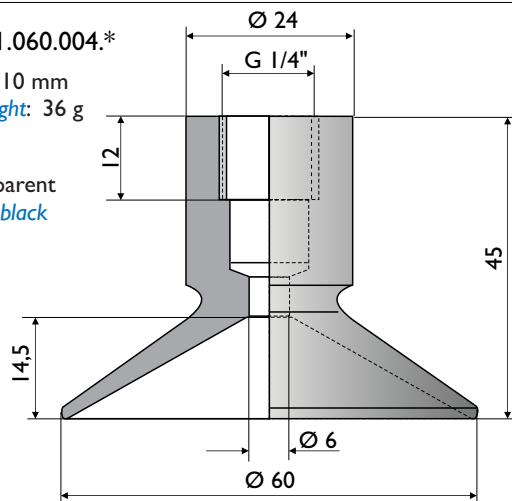
Hub/*Stroke*: 10 mm

Gewicht/*Weight*: 36 g

* Material:

Silikon transparent

NR schwarz/*black*



Vakuumflachsauger Ø 60 mm

Flat Vacuum Suction Cups dia. 60 mm

Art. No.: SV.060.004.*

Hub/*Stroke*: 0,25 mm

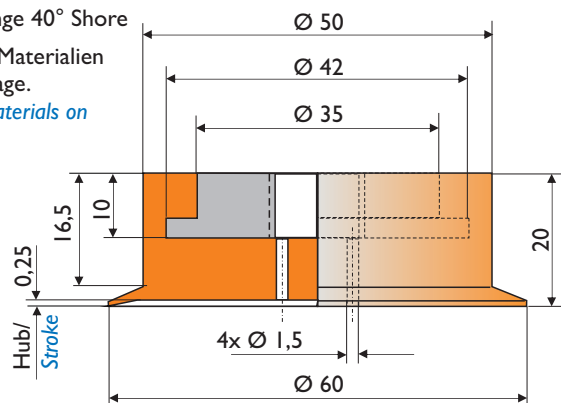
Gewicht/*Weight*: 18 g

*Material:

NR orange 40° Shore

Andere Materialien
auf Anfrage.

*Other materials on
request*



Anschlussstück/*Fitting*
AT.0528 - IG 1/4"

Art. No.: F0.063.001.*

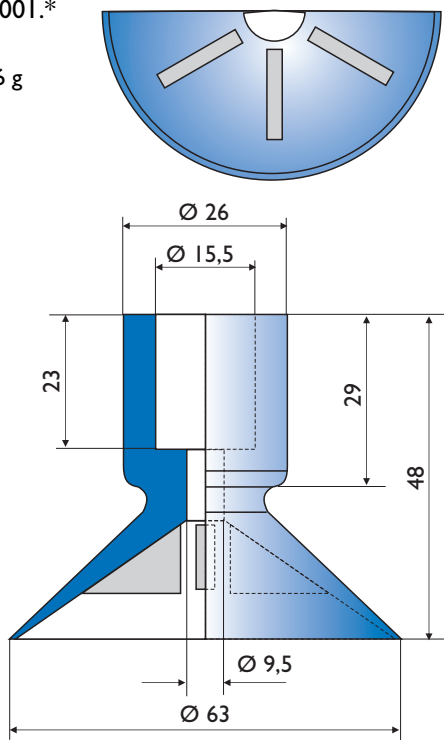
Hub/*Stroke*: 3,0 mm

Gewicht/*Weight*: 26 g

*Material:

Vinyl blau/*blue*

Anschlusssteil/*Fitting*
 00 08 09 - AG 1/4"



Art. No.: F0.064.001.*

Hub/*Stroke*: 5,5 mm

Gewicht/*Weight*: 22 g

*Material:

Vinyl blau/*blue* 50° Shore

Vinyl transparent 50° Shore

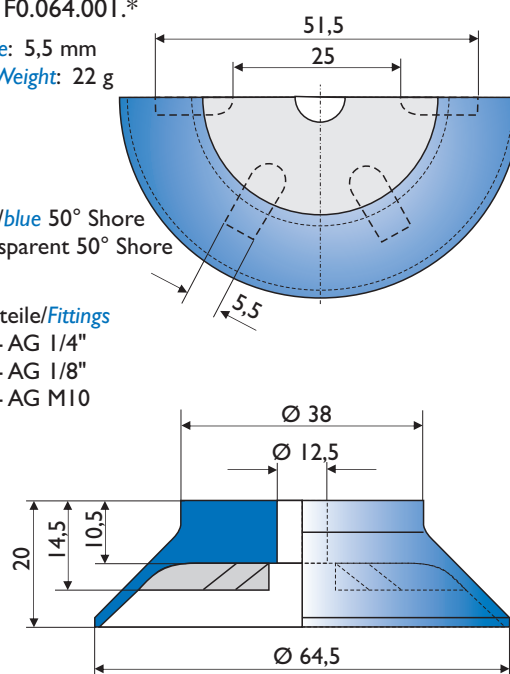
FDA

Anschlusssteile/*Fittings*

00 08 22 - AG 1/4"

00 08 44 - AG 1/8"

00 08 92 - AG M10



Art. No.: F0.064.002.*

Hub/*Stroke*: 4,5 mm

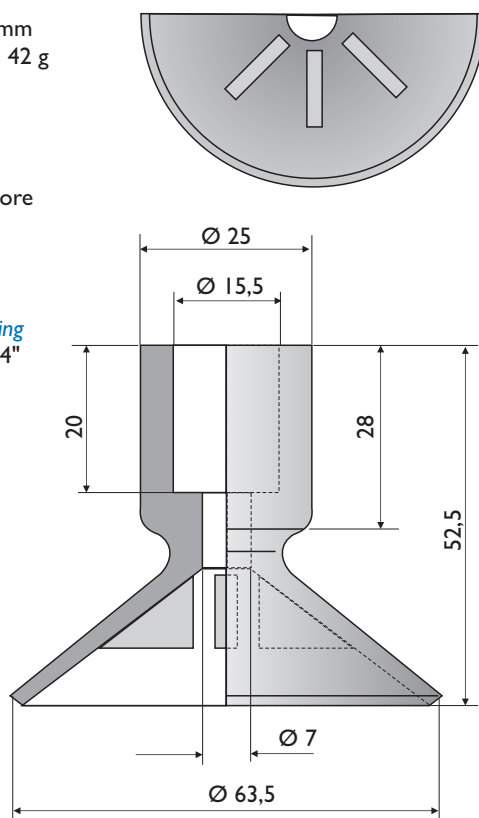
Gewicht/*Weight*: 42 g

*Material:

NR beige 40° Shore

CR rot/*red*

Anschlusssteil/*Fitting*
 00 08 09 - AG 1/4"



Art. No.: F0.065.004.*

Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 17 g

*Material:

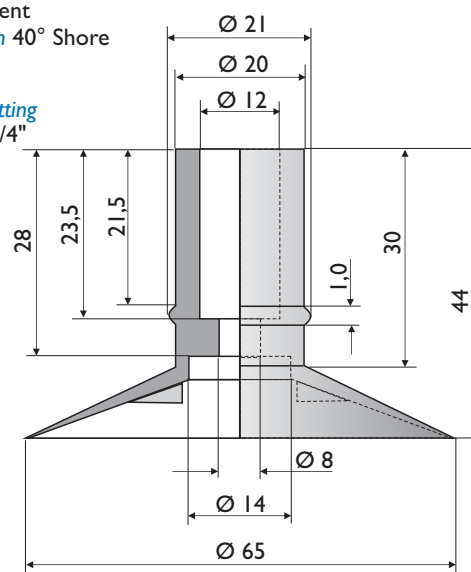
NBR schwarz/*black*

Silikon transparent

NR braun/*brown* 40° Shore

Anschlusssteil/*Fitting*

AT.0049 - AG 1/4"



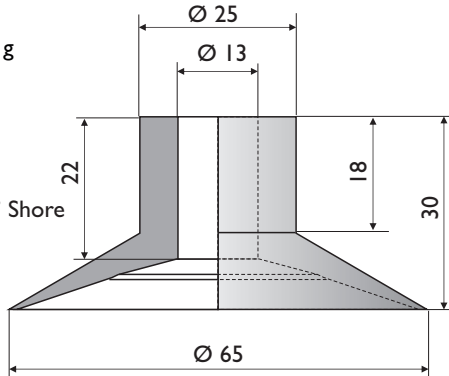
Vakuumflachsauger Ø 65 - 66 mm

Flat Vacuum Suction Cups dia. 65 - 66 mm

Art. No.: F0.065.005.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 17 g

*Material:
Silikon transparent
NR schwarz/*black*
NR braun/*brown* 40° Shore

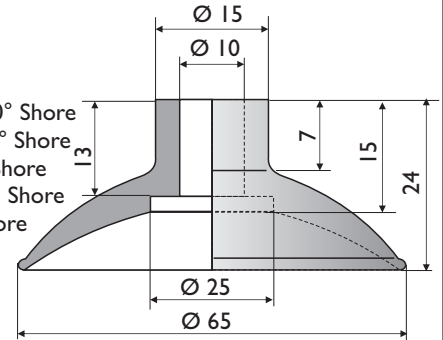


Anschlussteil/*Fitting*
AT.0049 - AG 1/4"

Art. No.: F0.065.001.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 20 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR braun/*brown* 40° Shore
NR schwarz/*black* 50° Shore
Vinyl blau/*blue* 50° Shore



Anschlussteil/*Fitting*
AT.0176 - AG 1/4"

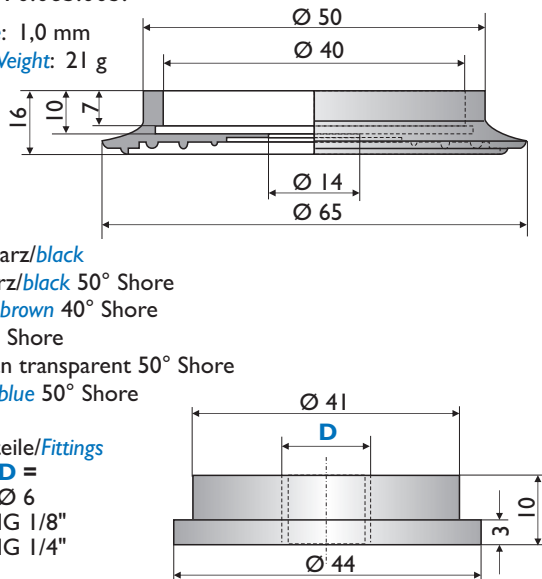
Art. No.: F0.065.003.*

Hub/*Stroke*: 1,0 mm
Gewicht/*Weight*: 21 g

*Material:
NBR schwarz/*black*
NR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore
Silikon 50° Shore
Polyurethan transparent 50° Shore
Vinyl blau/*blue* 50° Shore

Anschlussteile/*Fittings*

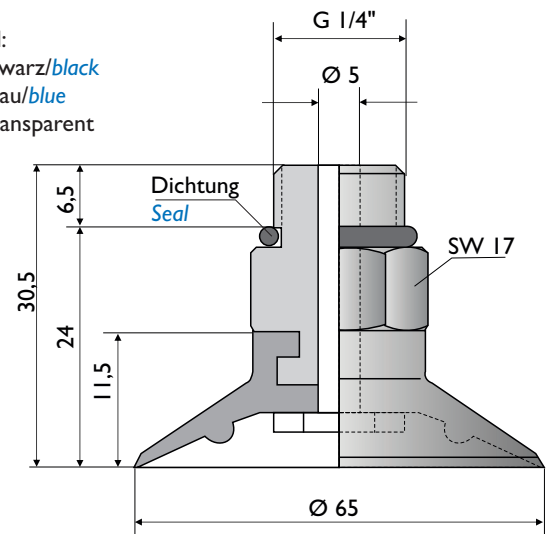
D =
AT.0259 - Ø 6
AT.0262 - IG 1/8"
AT.0284 - IG 1/4"



Art. No.: F2.065.002.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 30 g

*Material:
NBR schwarz/*black*
Silikon blau/*blue*
Silikon transparent

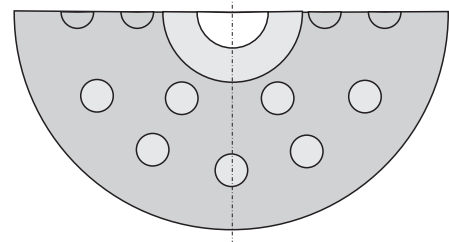
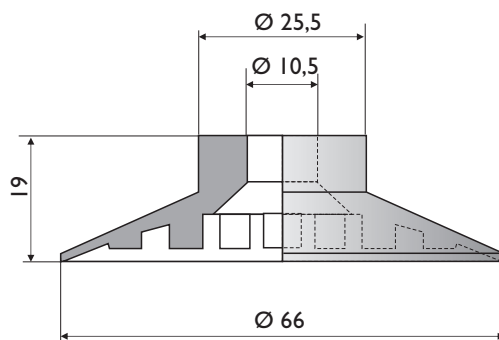


Art. No.: F0.066.001.*

Hub/*Stroke*: 0,5 mm
Gewicht/*Weight*: 14 g

*Material:
NBR schwarz/*black*
NR schwarz/*black*
Silikon transparent

Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"



Art. No.: F0.070.001.*

Hub/*Stroke*: 3,5 mm

Gewicht/*Weight*: 35 g

* Material:

SBR rotbraun/*red brown* 50° Shore

NBR grau/*grey* 50° Shore

NR beige 40° Shore

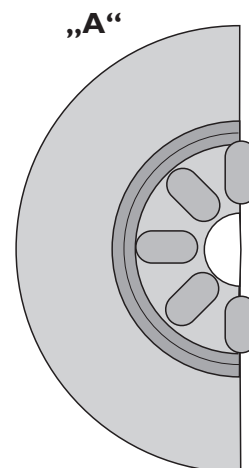
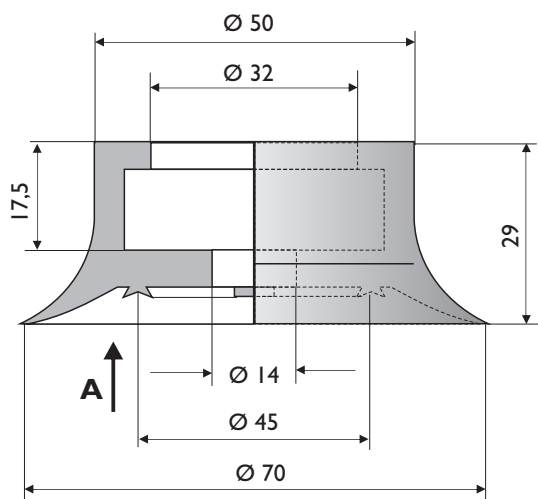
Silikon rot/*red* 50° Shore

Anschlussstück/*Fitting*

AT.0179 - IG 1/8"

Vorteil: Optimale Abdichtung von rauen und unebenen Werkstücken durch zweifache, innenliegende „V-Dichtlippe“.

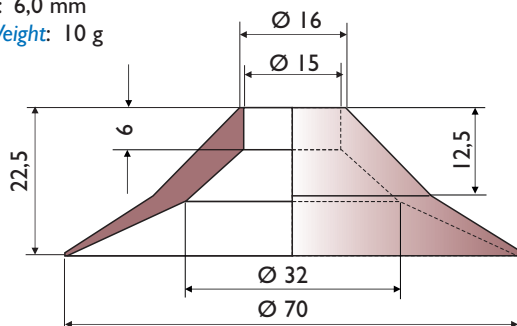
Advantage: Optimal sealing of rough and uneven workpieces due to double inner „V-lips“.



Art. No.: F0.070.002.*

Hub/*Stroke*: 6,0 mm

Gewicht/*Weight*: 10 g



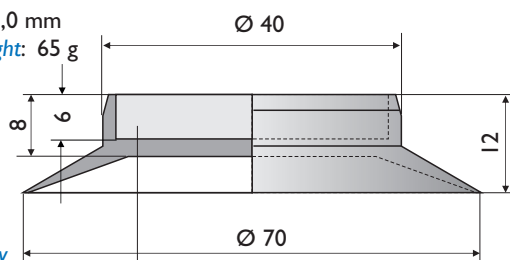
*Material:

NR braun/*brown* 40° Shore

Art. No.: F0.070.003.*

Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 65 g

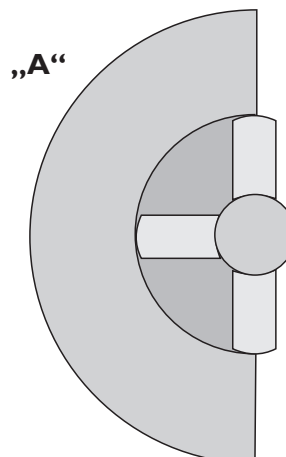


*Material:

NBR grau/*grey*

SBR rotbraun/*red brown*

Stahl/*steel*
 auf Anfrage in Alu/
Alu on request



Vakuumflachsauger Ø 75 mm

Flat Vacuum Suction Cups dia. 75 mm

Art. No.: F0.075.001.*

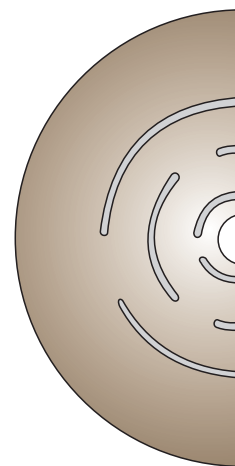
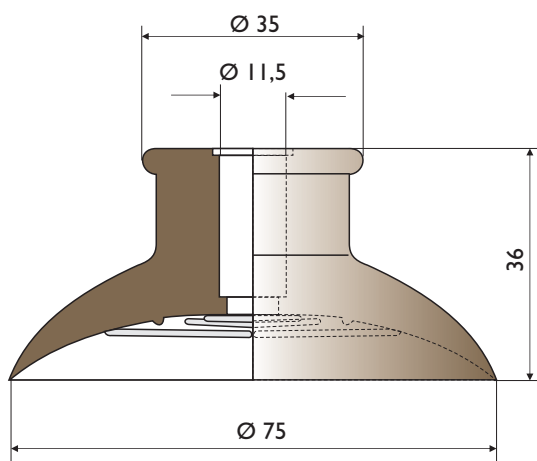
Hub/*Stroke*: 3,5 mm

Gewicht/*Weight*: 37 g

*Material:

NR braun/*brown* 40° Shore

Anschlussstück/*Fitting*
AT.0049 - AG 1/4"



2

Art. No.: F1.075.001.*

Hub/*Stroke*: 5,5 mm

Gewicht/*Weight*: 40 g

*Material:

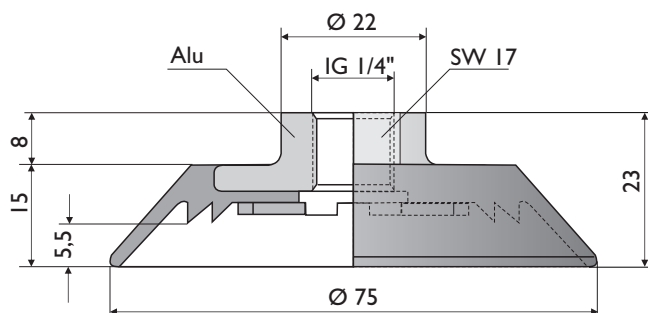
NBR schwarz/*black* 50° Shore

Silikon transparent 50° Shore

Silikon rot/*red* 55° Shore

CR schwarz/*black* 50° Shore

Weitere Materialien auf Anfrage/
Further materials on request.



Art. No.: F2.075.001.*

Hub/*Stroke*: 3,5 mm

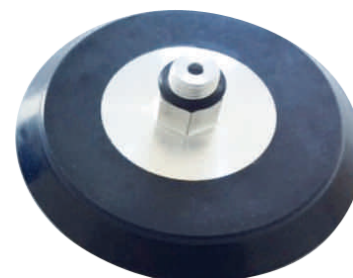
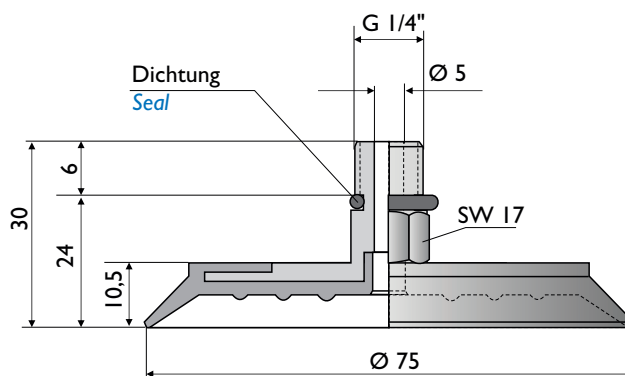
Gewicht/*Weight*: 80 g

*Material:

NBR schwarz/*black* 60° Shore

Silikon transparent 60° Shore

Silikon blau/*blue* 60° Shore



Art. No.: F2.075.002.*

Hub/Stroke: 3,5 mm

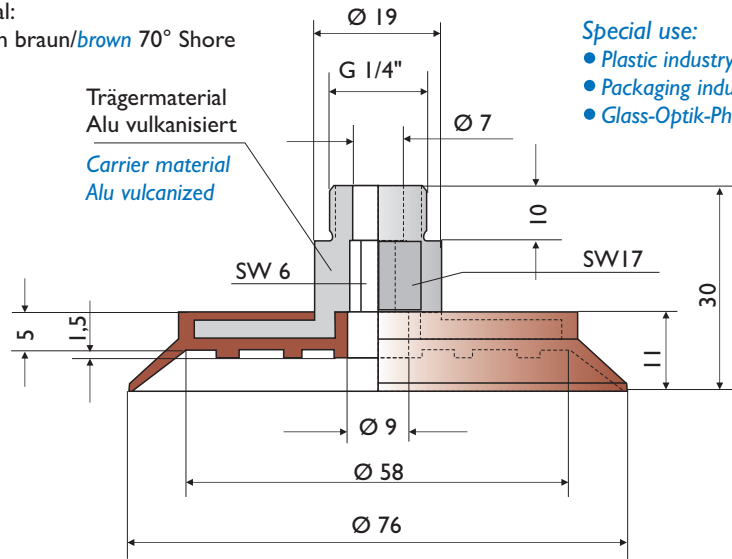
Gewicht/Weight: 39 g

*Material:

Vulkollan braun/brown 70° Shore

Trägermaterial
Alu vulkanisiert

Carrier material
Alu vulcanized



Spezialeinsatz:

- Kunststoffindustrie
- Verpackungsindustrie
- Glas-Optik-Pharma-Industrie

Special use:

- Plastic industry
- Packaging industry
- Glass-Optik-Pharma industry

Vorteile:

- Hohe Verschleißfestigkeit
- Keine sichtbaren Abdrücke nach dem Handling!
- Hohe Elastizität
- Gute Mineralölbeständigkeit

Advantages:

- High wear-resistance
- No visible prints after the handling!
- High elasticity
- Good mineraloil resistance



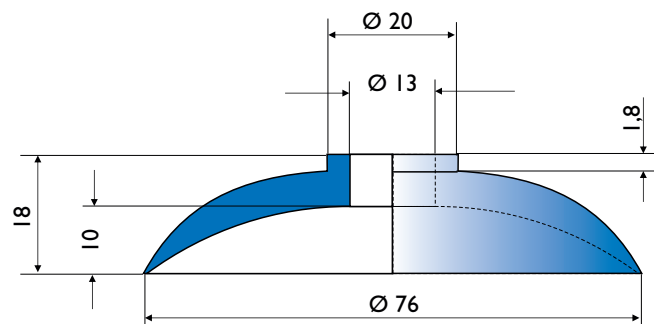
Art. No.: F0.076.001.*

Hub/Stroke: 9,0 mm

Gewicht/Weight: 24 g

* Material:

Vinyl blau/blue



Art. No.: F2.076.001.*

Hub/Stroke: 8,0 mm

Gewicht/Weight: 68 g

*Material:

NR milchweiss/milk white 40° Shore

hochabdruckarm/high anti-marking

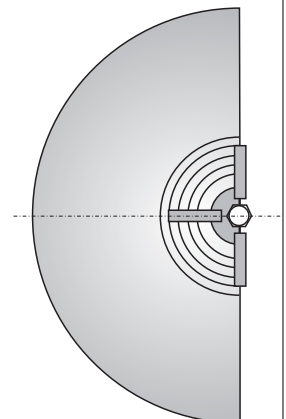
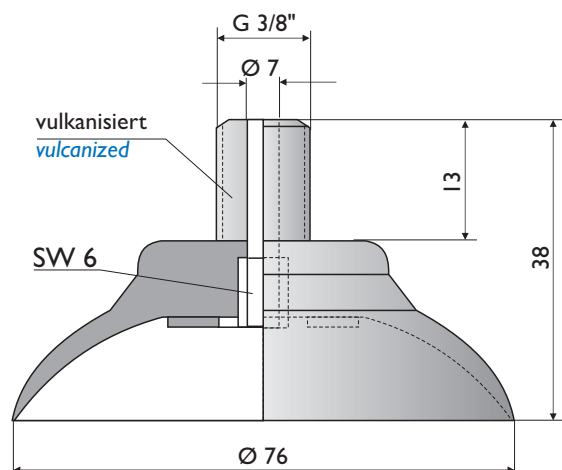
Einsatzbereich:

Holz- und Möbelindustrie

Wood and furniture industry

Temperaturbeständigkeit/

Temperature resistance -40° - +80° C



Vakuumflachsauger Ø 80 mm

Flat Vacuum Suction Cups dia. 80 mm

Art. No.: F0.080.003.*

Hub/Stroke: 13 mm

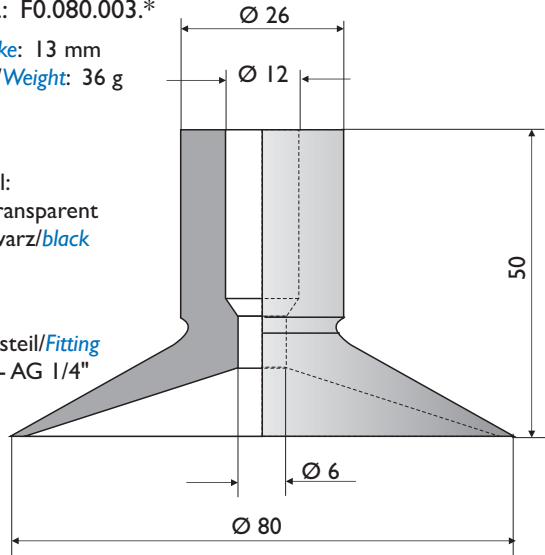
Gewicht/Weight: 36 g

*Material:

Silikon transparent

NR schwarz/black

Anschlussstück/Fitting
 AT.0049 - AG 1/4"



Art. No.: F1.080.003.*

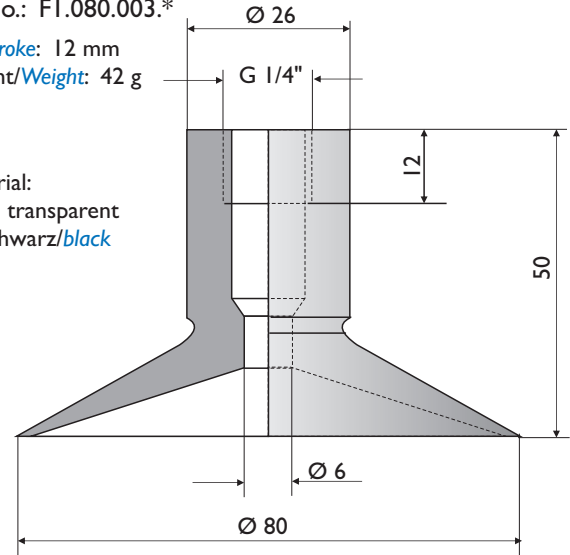
Hub/Stroke: 12 mm

Gewicht/Weight: 42 g

*Material:

Silikon transparent

NR schwarz/black



Einsatzbereiche:

- Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.
- Zwei verschiedene Anschlussgewinde:
 IG M10x1,25 und IG 1/4"

Use:

- For flat workpieces with smooth or lightly rough surface (sheets, wooden, glass etc.).

Advantages:

- With a stable position by a invulcanized carrier plate.
- Suitable for high accelerations.
- Two diverse connecting threads:
 IG M10x1,25 und IG 1/4"

Art. No.: F1.080.001.M10*

Hub/Stroke: 6,0 mm

Gewicht/Weight: 53 g

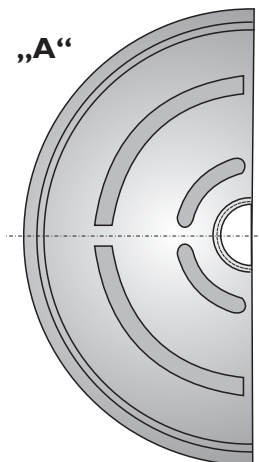
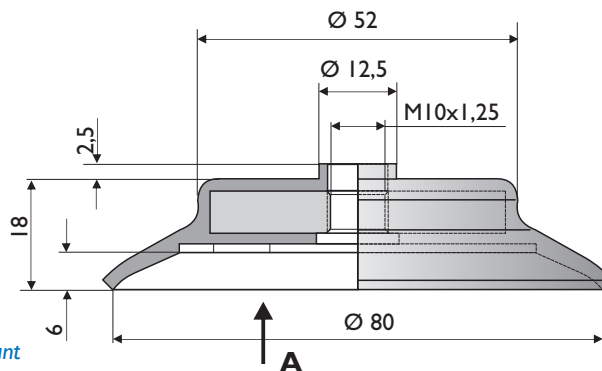
*Material:

NBR schwarz/black -40° - +110° C

Silikon transparent -70° - +200° C

Art.No.: F1.080.M10.AM2.bl

hochabdruckarm/high anti-marking
 temperaturbeständig/temperature resistant
 -10° - +165° C



Art. No.: F1.080.001.*

Hub/Stroke: 6,0 mm

Gewicht/Weight: 53 g

*Material:

NBR schwarz/black -40° - +110° C

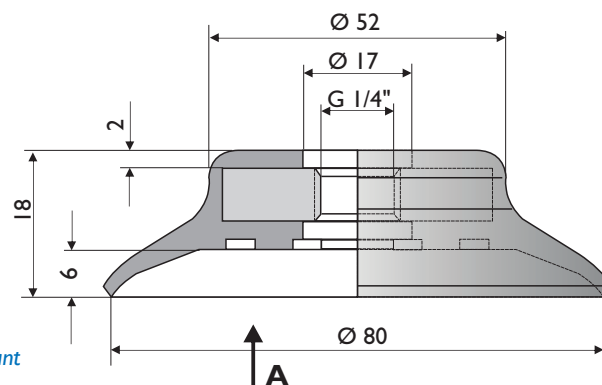
Silikon transparent -70° - +200° C

Polyurethan blau/blue -25° - +80° C

FKM schwarz/black -20° - +280° C

Art.No.: F1.080.AM2.bl

hochabdruckarm/high anti-marking
 temperaturbeständig/temperature resistant
 -10° - +165° C



Vakuumflachsauger Ø 80 mm

Flat Vacuum Suction Cups dia. 80 mm

Art. No.: F0.080.004.*

Hub/*Stroke*: 4,5 mm

Gewicht/*Weight*: 33 g

Material:

NBR schwarz/*black* 50° Shore

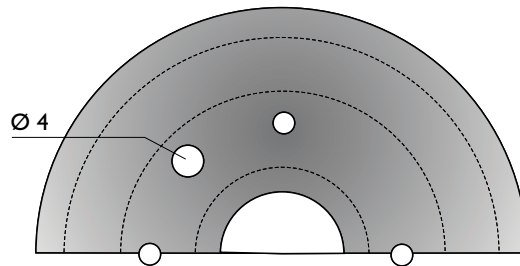
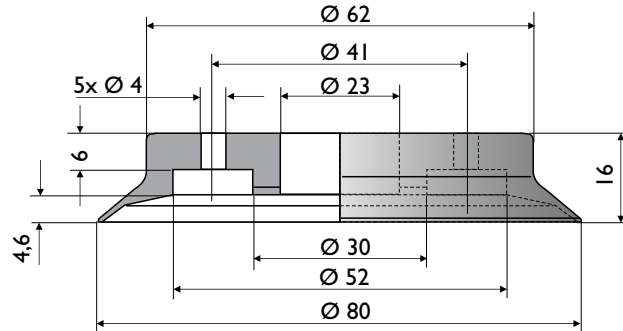
Silikon transparent 50° Shore

Polyurethan blau/*blue* 55° Shore

FKM grau/*grey* 60° Shore

Silikon schwarz/*black* 60° Shore

antistatisch/*antistatic*



Art. No.: F1.080.004.*

Hub/*Stroke*: 4,5 mm

Gewicht/*Weight*: 115 g

Material:

NBR schwarz/*black* 50° Shore

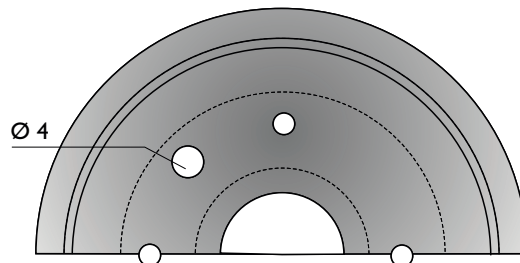
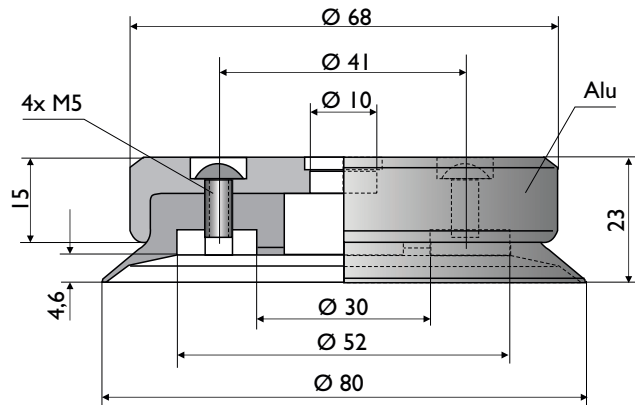
Silikon transparent 50° Shore

Polyurethan blau/*blue* 55° Shore

FKM grau/*grey* 60° Shore

Silikon schwarz/*black* 60° Shore

antistatisch/*antistatic*



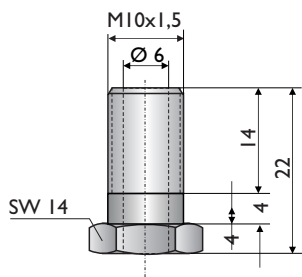
Anschlusssteile/*Fittings*

Art. No.: AT.0115 - AG M10x1,5
mit Unterlegscheibe/*with plain washer*

Art. No.: HW 10,5x22x1,6

Auf Anfrage/*on request*

Art.No.: 00 08 244 - AG 1/8"



Vakuumflachsauger Ø 80 - 81 mm

Flat Vacuum Suction Cups dia. 80 - 81 mm

Art. No.: F0.080.001.*

Hub/*Stroke*: 9,0 mm

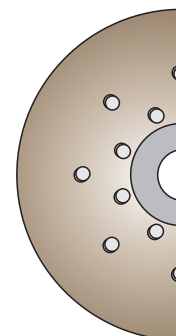
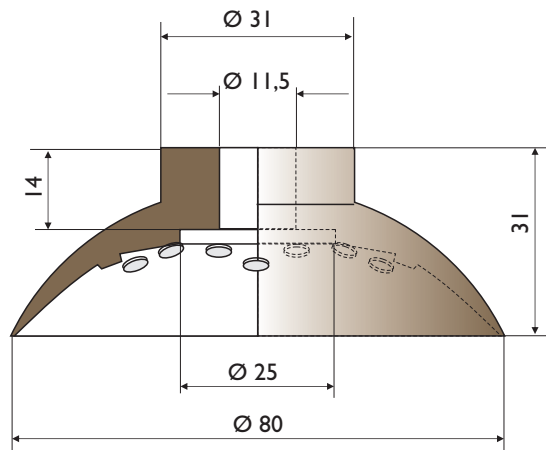
Gewicht/*Weight*: 50 g

*Material:

NR braun/*brown* 40° Shore

Anschlusssteil/*Fitting*

AT.0049 - AG 1/4"



Art. No.: F0.080.002.*

Hub/*Stroke*: 9,0 mm

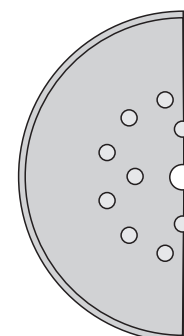
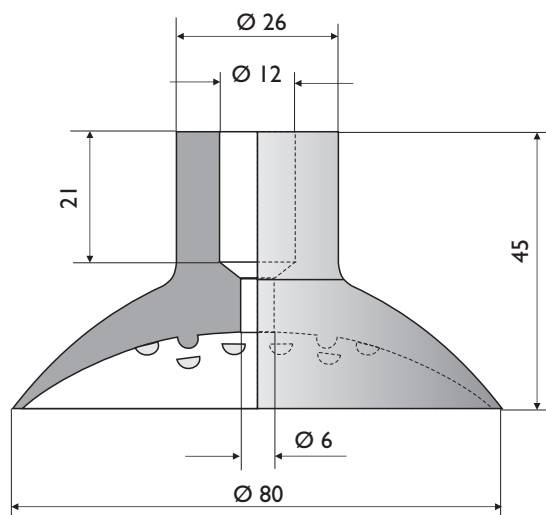
Gewicht/*Weight*: 55 g

*Material:

NR schwarz/*black*
 Silikon transparent

Anschlusssteil/*Fitting*

AT.0049 - AG 1/4"



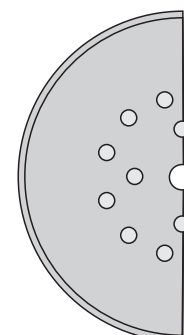
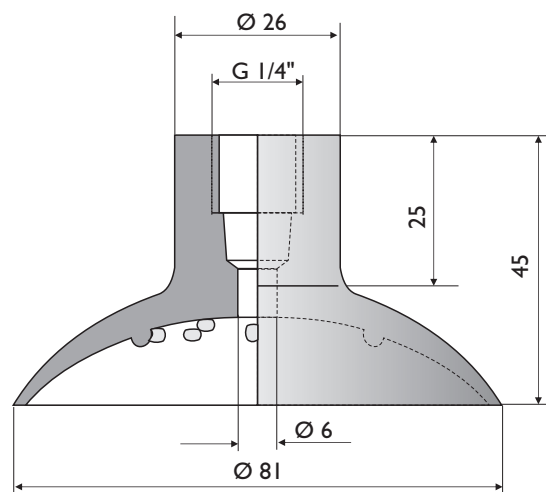
Art. No.: F1.080.002.*

Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 55 g

*Material:

NR schwarz/*black*
 Silikon transparent



Art. No.: SV.080.005.*

Hub/*Stroke*: 0,25 mm

Gewicht/*Weight*: 40 g

* Material:

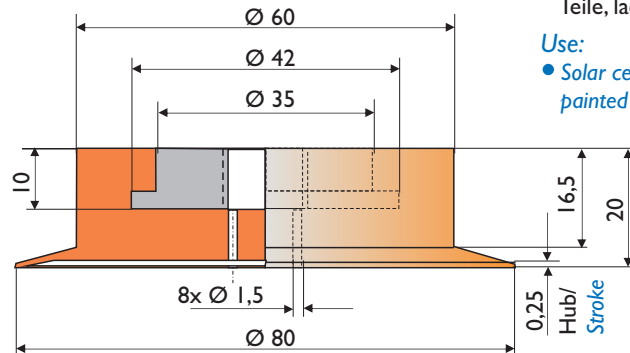
NR orange 40° Shore

Andere Materialien auf Anfrage

Other materials on request

Anschlussstück/*Fitting*

AT.0528 - IG 1/4"



Einsatzgebiete:

- Solarzellen, empfindliche, zerbrechliche Teile, lackierte Teile, Dünnstglas

Use:

- *Solar cells, sensitive and fragile parts, painted parts, thinnest glass*

Art. No.: F0.087.002.*

Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 42 g

* Material:

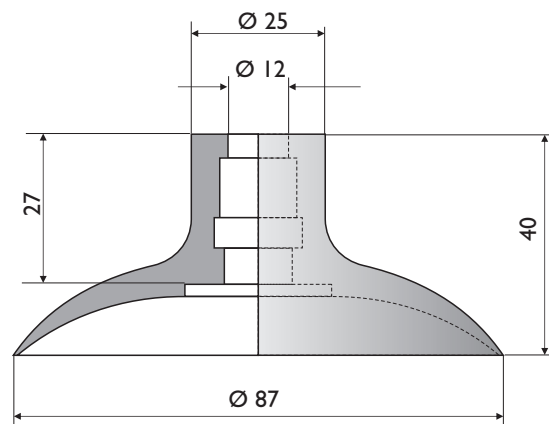
NR schwarz/*black*

NR braun/*brown* 40° Shore

Silikon transparent

Anschlussstück/*Fitting*

AT.0049 - AG 1/4"



Vakuumflachsauger Ø 90 - 95 mm

Flat Vacuum Suction Cups dia. 90 - 95 mm

Art. No.: F0.090.001.*

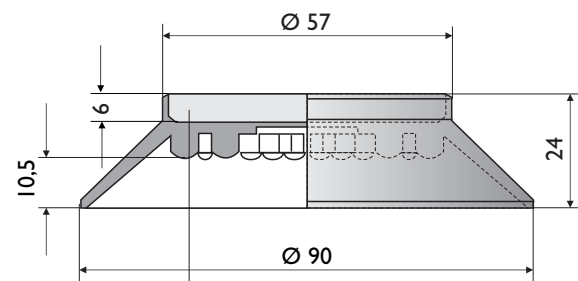
Hub/Stroke: 10 mm

Gewicht/Weight: 145 g

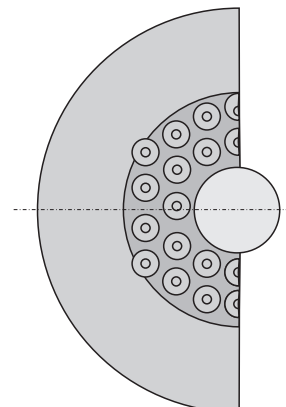
*Material:

NBR grau/grey

SBR braun/brown



Stahl/steel
auf Anfrage in Alu/
Alu on request



Art. No.: F0.093.001.*

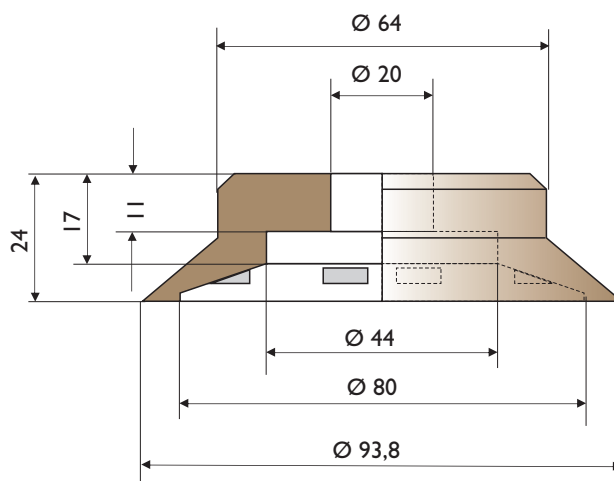
Hub/Stroke: 2,5 mm

Gewicht/Weight: 73 g

Material:

NR hellbraun/light-brown

40° Shore



Einsatzbereich/Use:

Holz- und Möbelindustrie
Wood and furniture industry

Temperaturbeständigkeit/

Temperature resistance: -40 to +80° C



Art. No.: F0.095.001.*

Hub/Stroke: 6 mm

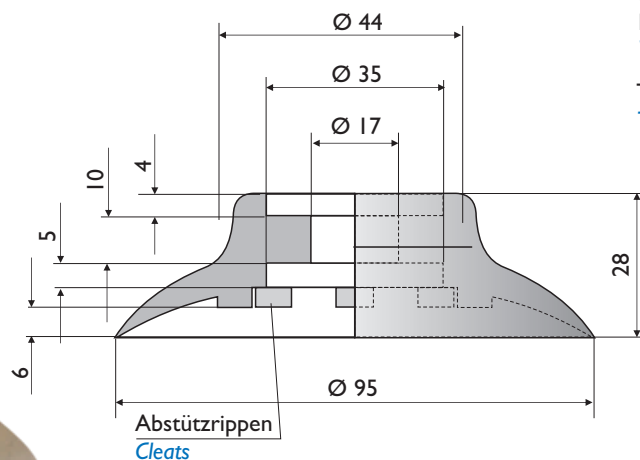
Gewicht/Weight: 58 g

Material:

NR weiss/white 50° Shore

NBR und Silikon auf Anfrage

NBR and Silicone on request



Einsatzbereich/Use:

Holz- und Möbelindustrie
Wood and furniture industry

Temperaturbeständigkeit

Temperature resistance: -40 - +80° C

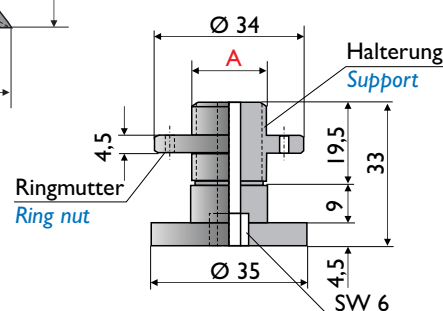


Anschlusssteile/Fittings

A=

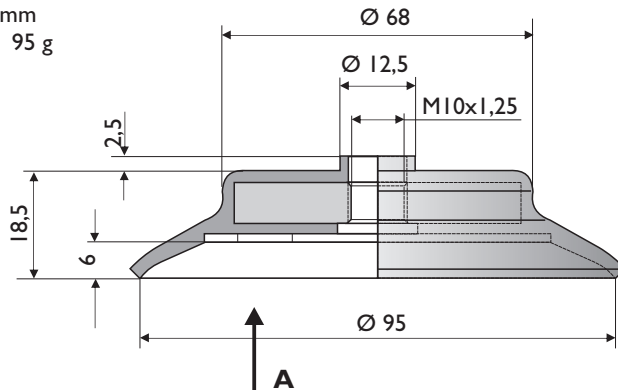
00 08 108 - AG 1/4"

00 08 110 - AG 3/8"



Art. No.: FI.095.001.M10*

Hub/*Stroke*: 6,0 mm
 Gewicht/*Weight*: 95 g



*Material:

NBR schwarz/*black* - 40° - +110° C
 Silikon transparent - 70° - +200° C

Art.No.: FI.095.M10.AM2.bl
 hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

Einsatzbereiche:

- Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

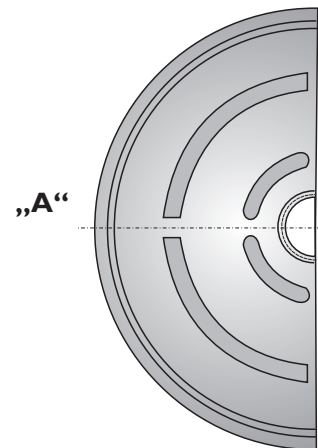
- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.
- Zwei verschiedene Anschlussgewinde: IG M10x1,25 und IG 1/4"

Use:

- For flat workpieces with smooth or lightly rough surface (sheets, wooden, glass etc.).

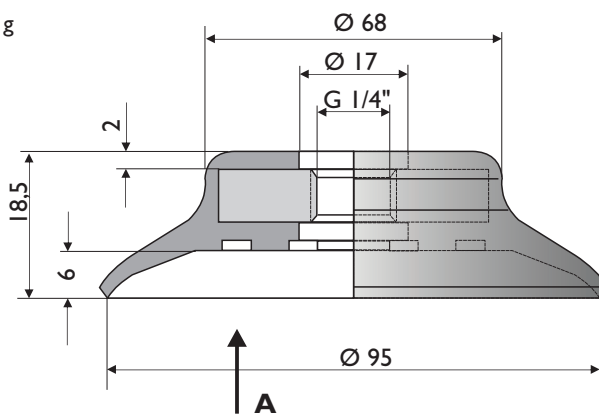
Advantages:

- With a stable position by a invulcanized carrier plate.
- Suitable for high accelerations.
- Two diverse connecting threads: IG M10x1,25 und IG 1/4"



Art. No.: FI.095.001.*

Hub/*Stroke*: 6,0 mm
 Gewicht/*Weight*: 95 g



*Material:

NBR schwarz/*black* - 40° - +110° C
 Silikon, transparent - 70° - +200° C
 Polyurethan blau/*blue* - 25° - +80° C
 FKM schwarz/*black* - 20° - +280° C

Art.No.: FI.095.AM2.bl
 hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

Vakuumflachsauger Ø 100 mm

Flat Vacuum Suction Cups dia. 100 mm

Art. No.: F0.100.004.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 65 g

Material:

NBR schwarz/*black* 50° Shore

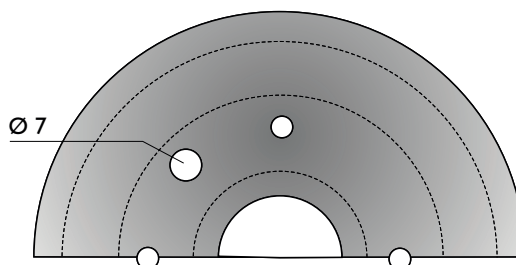
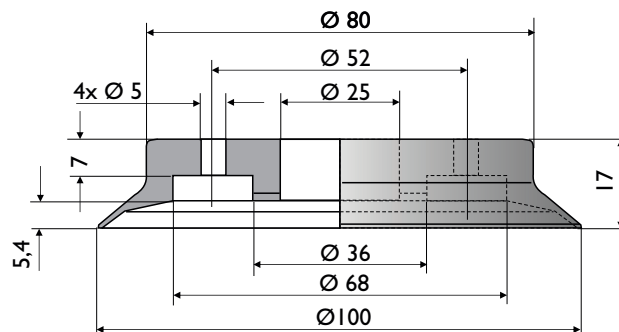
Silikon transparent 50° Shore

Polyurethan blau/*blue* 55° Shore

FKM grau/*grey* 60° Shore

Silikon schwarz/*black* 60° Shore

antistatisch/*antistatic*



Art. No.: F1.100.004.*

Hub/*Stroke*: 5,0 mm

Gewicht/*Weight*: 209 g

Material:

NBR schwarz/*black* 50° Shore

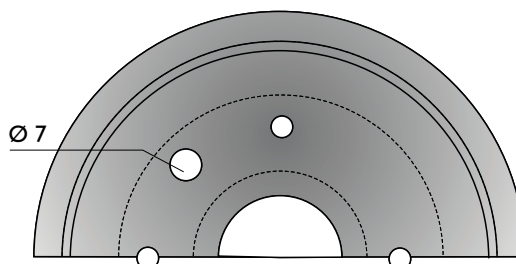
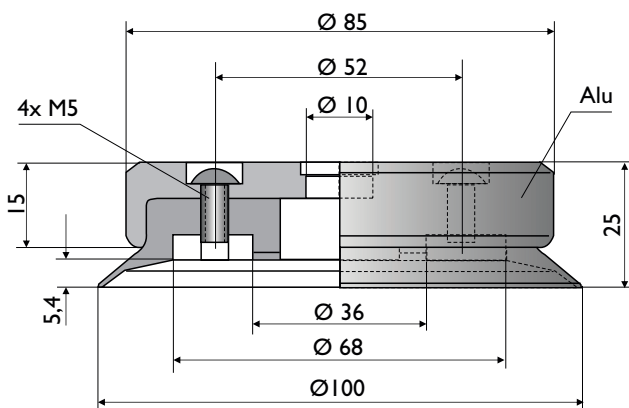
Silikon transparent 50° Shore

Polyurethan blau/*blue* 55° Shore

FKM grau/*grey* 60° Shore

Silikon schwarz/*black* 60° Shore

antistatisch/*antistatic*



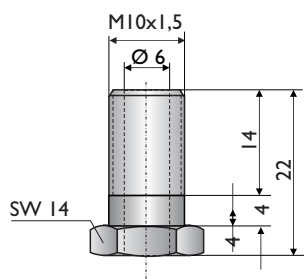
Anschlusssteile/*Fittings*

Art. No.: AT.0115 - AG M10x1,5
mit Unterlegscheibe/*with plain washer*

Art. No.: HW 10,5x22x1,6

Auf Anfrage/*on request*

Art.No.: 00 08 244 - AG 1/8"



Art. No.: F0.100.001.*

Hub/*Stroke*: 3,5 mm

Gewicht/*Weight*: 60 g

*Material:

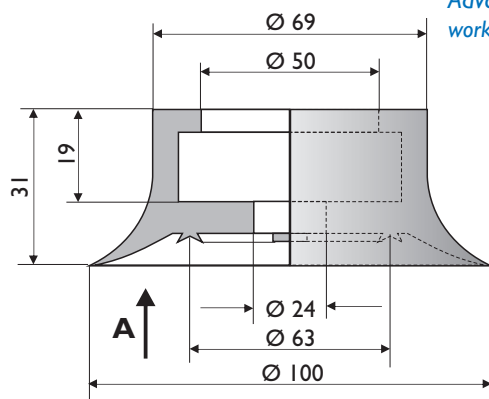
NBR grau/*grey* 50° Shore

NR beige 40° Shore

Anschlussstück/*Fitting*

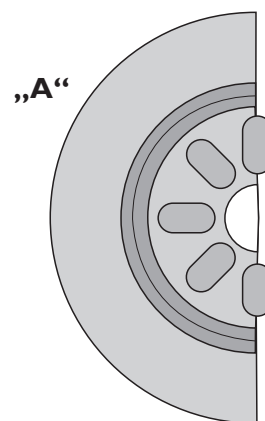
AT.0180 - IG 1/4"

Material Alu



Vorteil: Optimale Abdichtung von rauen und unebenen Werkstücken durch zweifache, innenliegende „V-Dichtlippe“.

Advantage: Optimal sealing of rough and uneven workpieces due to double inner „V-lips“.



Art. No.: F1.100.001.*

Hub/*Stroke*: 9,0 mm

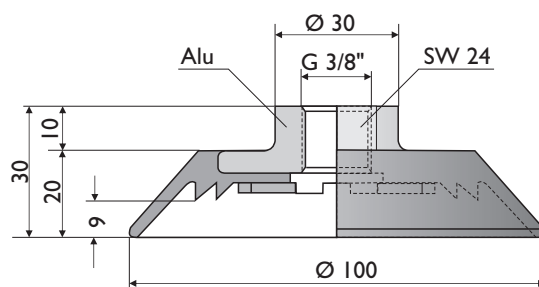
Gewicht/*Weight*: 85 g

*Material:

NBR schwarz/*black* 50° Shore

Silikon transparent 50° Shore

NR weiss/*white* 40° Shore



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 47 kg

Holding force with simple security at 60% vacuum: 47 kg

Art. No.: F2.100.001.*

Hub/*Stroke*: 4,0 mm

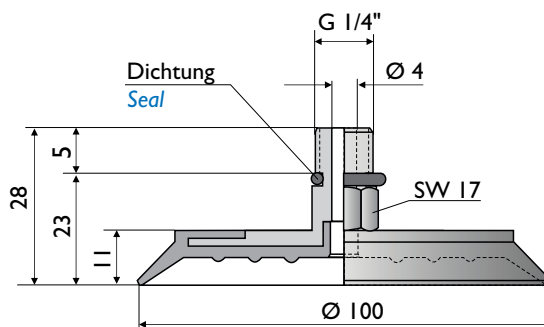
Gewicht/*Weight*: 85 g

*Material:

NBR schwarz/*black* 60° Shore

Silikon blau/*blue* 60° Shore

Silikon transparent 60° Shore



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 47 kg

Holding force with simple security at 60% vacuum: 47 kg

Vakuumflachsauger Ø 100 - 109 mm

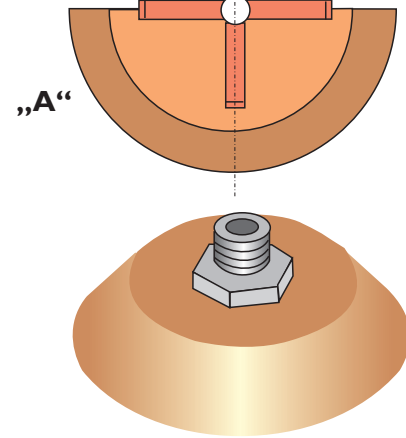
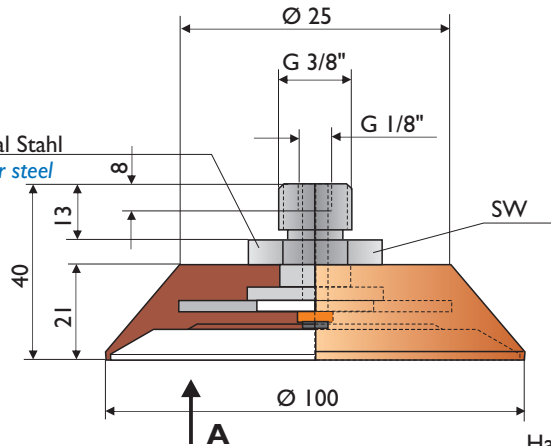
Flat Vacuum Suction Cups dia. 100 - 109 mm

Art. No.: F2.100.002.*

Hub/Stroke: 6 mm
Gewicht/Weight: 68 g

Adaptermaterial Stahl
Material adapter steel

*Material:
Vulkollan braun/brown
70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 47 kg
Holding force with simple security at 60% vacuum: 47 kg

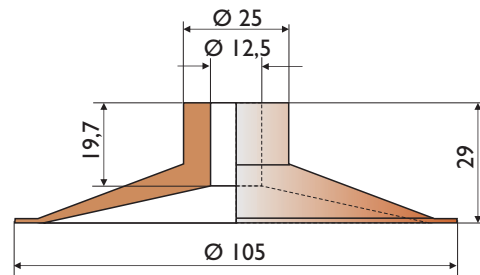
2

Art. No.: F0.105.001.*

Hub/Stroke: 8,5 mm
Gewicht/Weight: 27 g

*Material:
NR braun/brown 40° Shore

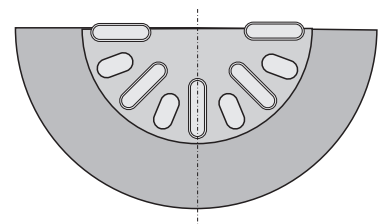
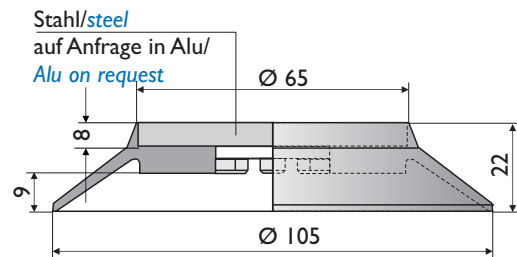
Anschlussstück/Fitting
AT.0049 - AG 1/4"



Art. No.: F0.105.002.*

Hub/Stroke: 9,0 mm
Gewicht/Weight: 120 g

*Material:
NBR grau/grey
SBR rotbraun/red brown



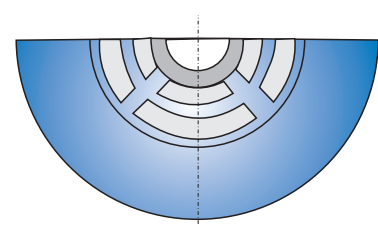
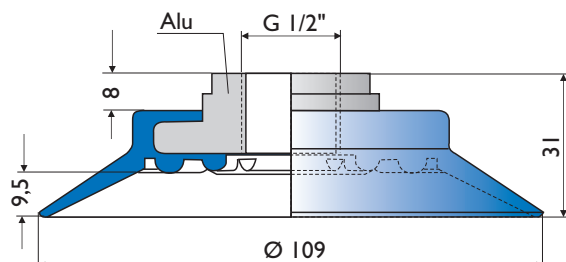
Mit Vakuumanschluss und Befestigungsgewinde
auf Wunsch nach Bohrbild möglich.
With vacuum connect and mounting thread
on request.

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 50 kg
Holding force with simple security at 60% vacuum: 50 kg

Art. No.: F1.109.001.*

Hub/Stroke: 9,5 mm
Gewicht/Weight: 115 g

*Material:
Vinyl blau/blue



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 55 kg
Holding force with simple security at 60% vacuum: 55 kg

Art. No.: F0.115.001.*

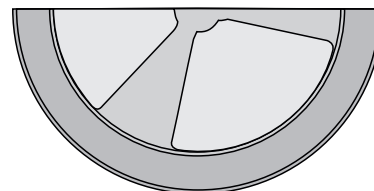
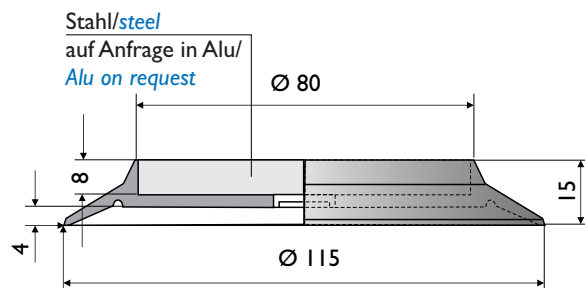
Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 280 g

*Material:

NBR grau/*grey*

SBR rotbraun/*red brown*



Mit Vakuumanschluss und Befestigungsgewinde auf Wunsch nach Bohrbild möglich.

With vacuum connect and mounting thread on request.

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 60 kg

Holding force with simple security at 60% vacuum: 60 kg

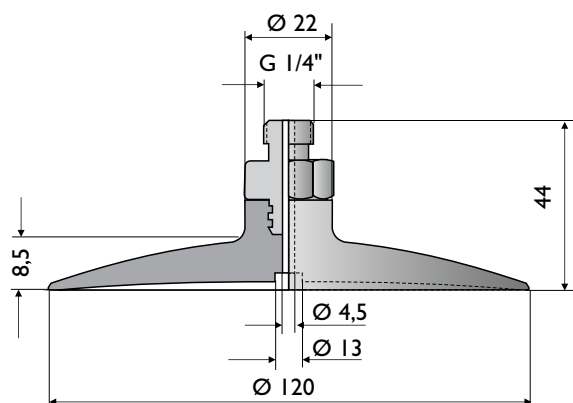
Art. No.: F2.120.001.*

Hub/*Stroke*: 0,5 mm

Gewicht/*Weight*: 84 g

*Material:

NBR schwarz/*black*



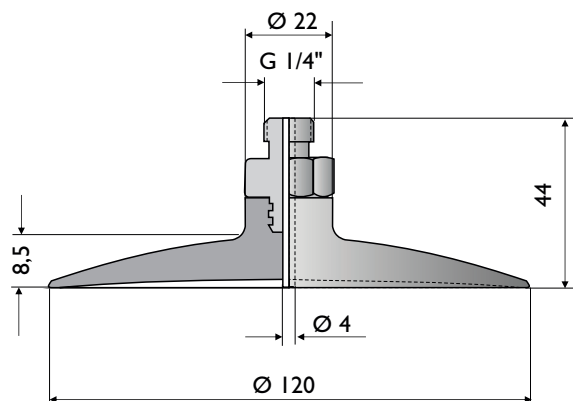
Art. No.: F2.120.002.*

Hub/*Stroke*: 0,5 mm

Gewicht/*Weight*: 86 g

*Material:

NBR schwarz/*black*



Vakuumflachsauger Ø 120 mm

Flat Vacuum Suction Cups dia. 120 mm

Einsatzbereiche:

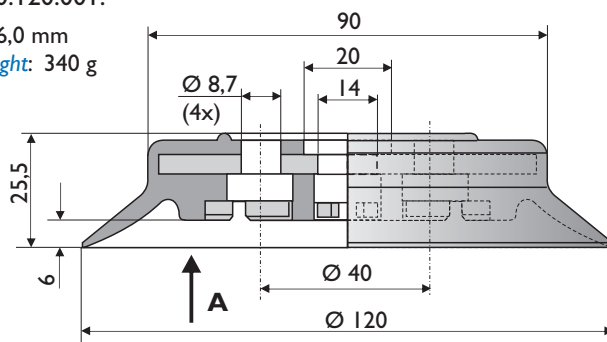
- Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.
- Optional: mit Anschlussstück IG 1/2"

Art. No.: F0.120.001.*

Hub/*Stroke*: 6,0 mm
 Gewicht/*Weight*: 340 g



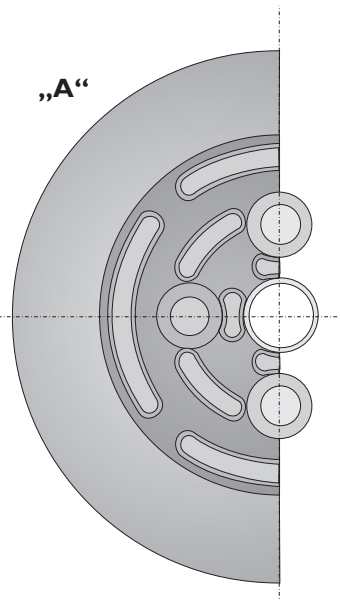
*Material:

NBR schwarz/*black* - 40° - +110° C
 Silikon transparent - 70° - +200° C
 Polyurethan blau/*blue* - 25° - +80° C

Art.No.: F0.120.AM2.bl

hochabdruckarm/*high anti-marking*
 temperaturbeständig/*temperature resistant*
 -10° - +165° C

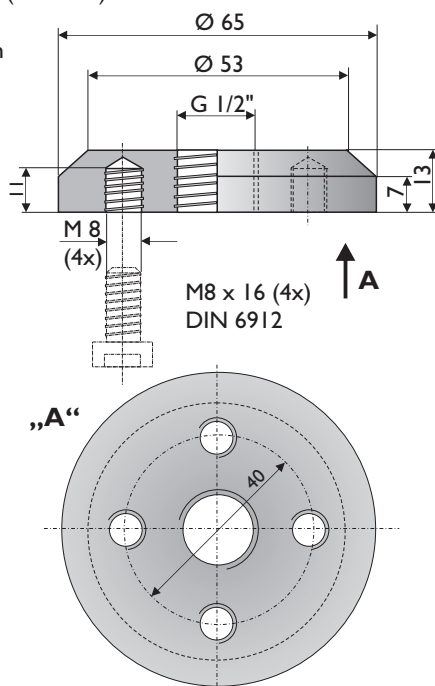
Haltekraft bei einfacher Sicherheit
 bei 60% Vakuum: 65 kg
*Holding force with simple security
 at 60% vacuum: 65 kg*



Anschlussstück/*Fitting* (Standard)

AT.0056 - IG 1/2"

Material: Aluminium



Hinweis:

Passende Federstößel mit verschiedenen Hübten auf Anfrage lieferbar.

Note:

Suitable spring levelers with different strokes are available on request.

Art. No.: F2.125.001.*

Hub/Stroke: 6,0 mm

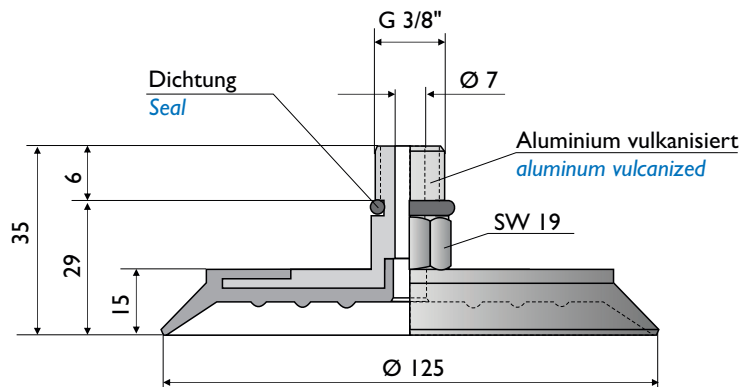
Gewicht/Weight: 130 g

*Material:

NBR schwarz/black 60° Shore

Silikon blau/blue 60° Shore

Silikon transparent 60° Shore



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 72 kg
 Holding force with simple security at 60% vacuum: 72 kg

Art. No.: F0.130.001.*

Hub/Stroke: 16 mm

Gewicht/Weight: 240 g (Stahl/steel)

auf Wunsch in Alu/aluminum on request

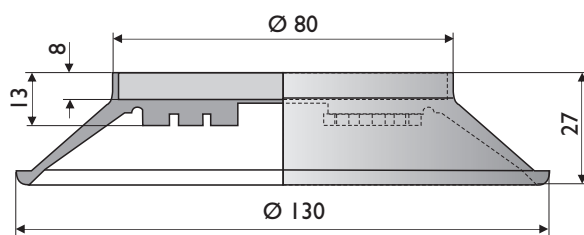
*Material:

NBR grau/grey 50° Shore

SBR rotbraun/red brown 50° Shore

Weitere Materialien auf Anfrage.

Other materials on request.



Mit Vakuumanschluss und Befestigungsgewinde auf Wunsch nach Bohrbild möglich.

With vacuum connect and mounting thread on request.

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 79 kg
 Holding force with simple security at 60% vacuum: 79 kg

Art. No.: F0.130.002.*

Hub/Stroke: 16 mm

Gewicht/Weight: 240 g (Stahl/steel)

auf Wunsch in Alu/aluminum on request

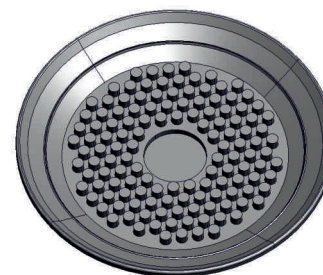
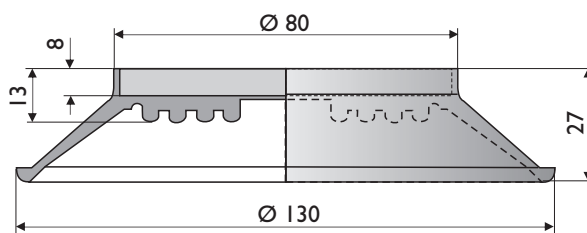
*Material:

NBR grau/grey 50° Shore

SBR rotbraun/red brown 50° Shore

Weitere Materialien auf Anfrage.

Other materials on request.



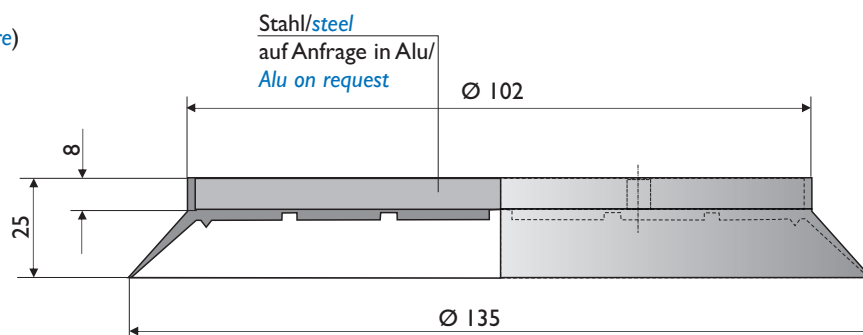
Vakuumflachsauger Ø 135 mm

Flat Vacuum Suction Cups dia. 135 mm

Art. No.: F0.135.001.*
 (ohne Bohrbild/without drilling picture)

Hub/Stroke: ca. 8 mm
 Gewicht/Weight: 240 g

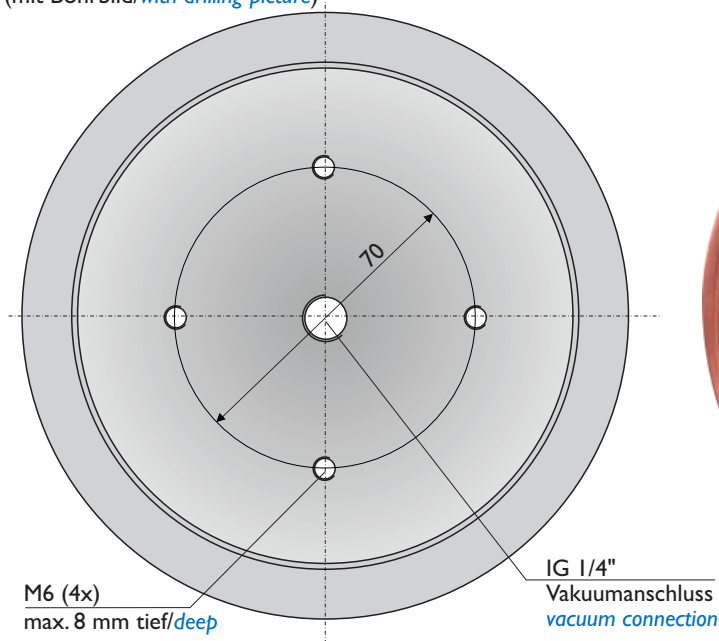
*Material:
 NBR grau/grey 50° Shore
 SBR rotbraun/red brown 50° Shore
 NR braun/brown 40° Shore



Haltekraft bei einfacher Sicherheit
 bei 60% Vakuum: 80 kg

Holding force with simple security
 at 60% vacuum: 80 kg

Art. No.: F1.135.001.*
 (mit Bohrbild/with drilling picture)



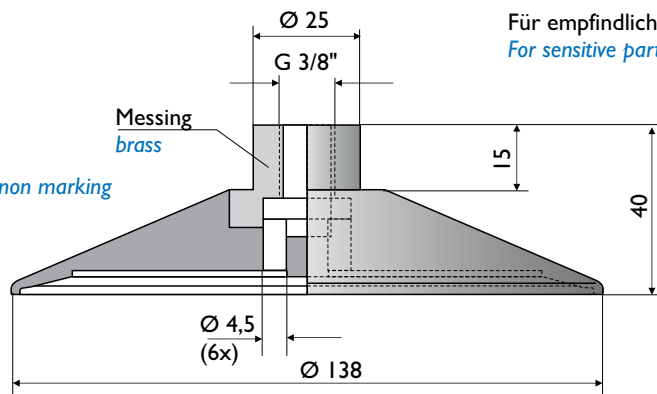
Vakuumflachsauger Ø 138 - 140 mm

Flat Vacuum Suction Cups dia. 138 - 140 mm

Art. No.: FI.138.001.*

Hub/Stroke: 0,5 mm
 Gewicht/Weight: 302 g

*Material:
 NBR grau/grey abdruckarm/non marking
 SBR schwarz/black



Einsatzbereich/Use:

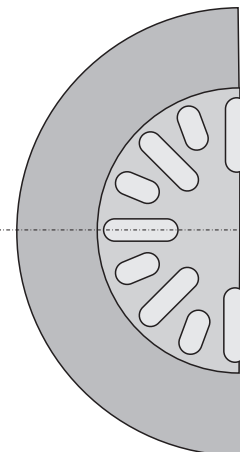
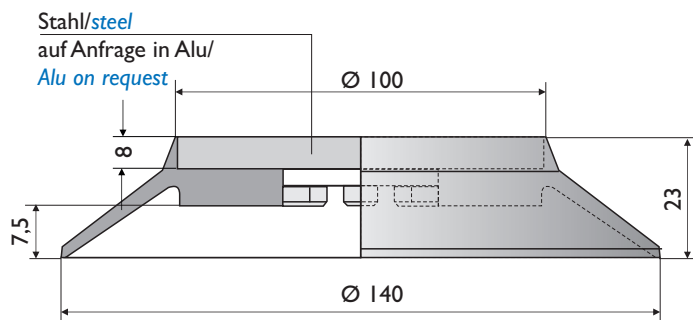
Für empfindliche Teile mit ebenen Oberflächen.
 For sensitive parts with flat surfaces.

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 88 kg
 Holding force with simple security at 60% vacuum: 88 kg

Art. No.: F0.140.001.*

Hub/Stroke: 7,5 mm
 Gewicht/Weight: 560 g

*Material:
 NBR grau/grey
 SBR rotbraun/red brown

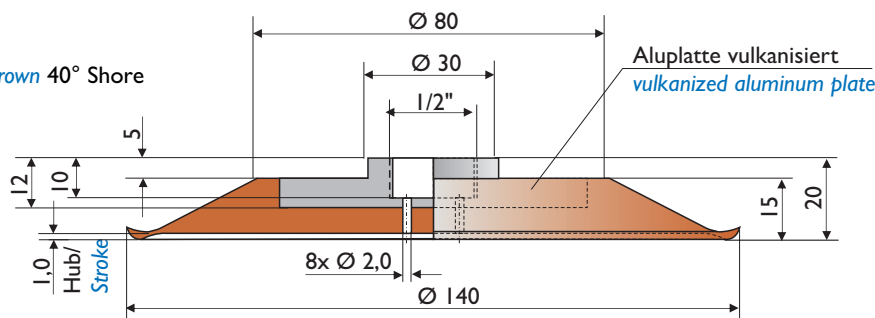


Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 91 kg
 Holding force with simple security at 60% vacuum: 91 kg

Art. No.: SV.140.006.*

Hub/Stroke: 1,0 mm
 Gewicht/Weight: 172 g

*Material:
 NR rotbraun/bred brown 40° Shore



Einsatzbereich/Use:

Für empfindliche Teile mit ebenen Oberflächen.
 For sensitive parts with flat surfaces

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 91 kg
 Holding force with simple security at 60% vacuum: 91 kg

Vakuumflachsauger Ø 150 mm

Flat Vacuum Suction Cups dia. 150 mm

Art. No.: FI.150.001.*

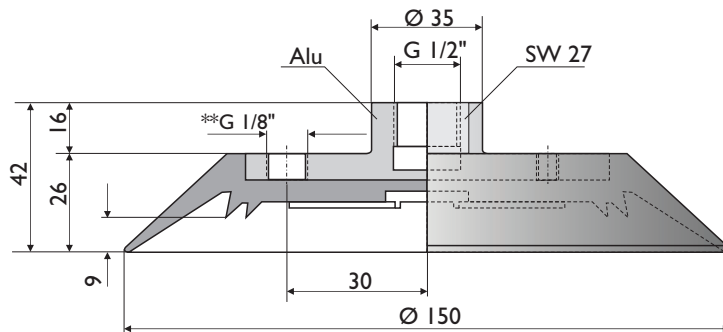
Hub/Stroke: 9,0 mm

Gewicht/Weight: 280 g

*Material:

NBR grau/grey, 50° Shore

Silikon grau/grey, 50° Shore



Hinweis:

Das Gewinde **G 1/8" ist nicht durch das Gummi gebohrt.

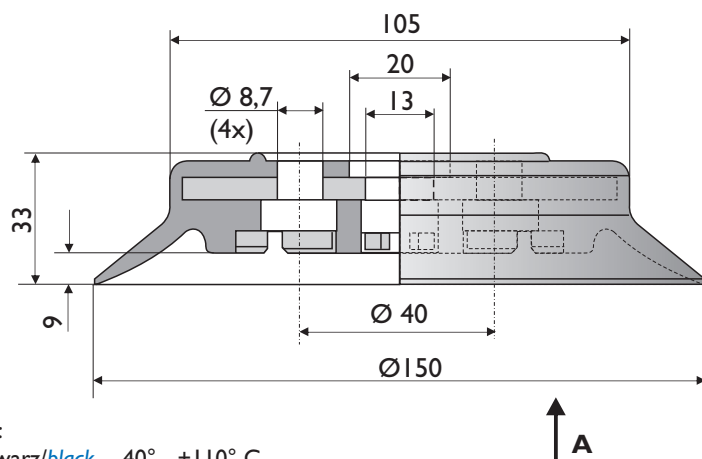
Note:

The Thread **G 1/8" is not drilled through the rubber.

Art. No.: F0.150.001.*

Hub/Stroke: 9,0 mm

Gewicht/Weight: 480 g



*Material:

NBR schwarz/black - 40° - +110° C

Silikon transparent - 70° - +200° C

Polyurethan blau/blue - 25° - +80° C

Art.No.: F0.150.AM2.bl

hochabdruckarm/high anti-marking

temperaturbeständig/temperature resistant

-10° - +165° C

Einsatzbereiche:

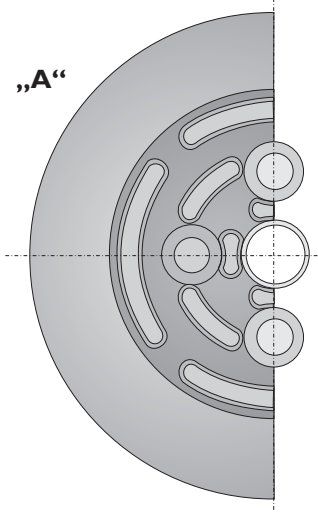
Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

Positionsstabil durch einvulkanisierte Trägerplatte.

Auch für hohe Beschleunigungen geeignet.

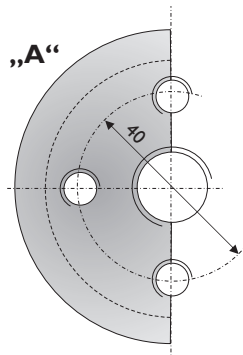
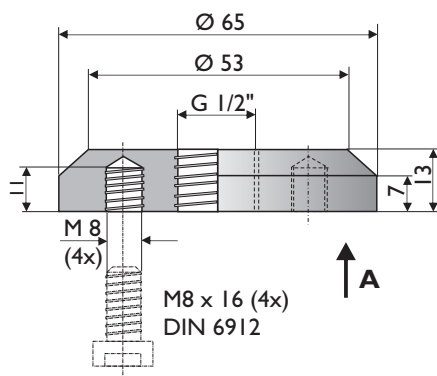
Optional: mit Anschlusssteil IG 1/2"



Anschlusssteil/Fitting (Standard)

AT.0056 - IG 1/2"

Material: Aluminium



Use:

For flat workpieces with smooth or lightly rough surface (sheets, wooden, glass etc.).

Advantages:

With a stable position by a invulcanized carrier plate.

Suitable for high accelerations.

Option: with fitting IG 1/2"

Hinweis:

Passende Federstößel mit verschiedenen Hübten auf Anfrage lieferbar.

Note:

Suitable spring levelers with different strokes are available on request.

Vakuumflachsauger Ø 156 - 160 mm

Flat Vacuum Suction Cups dia. 156 - 160 mm

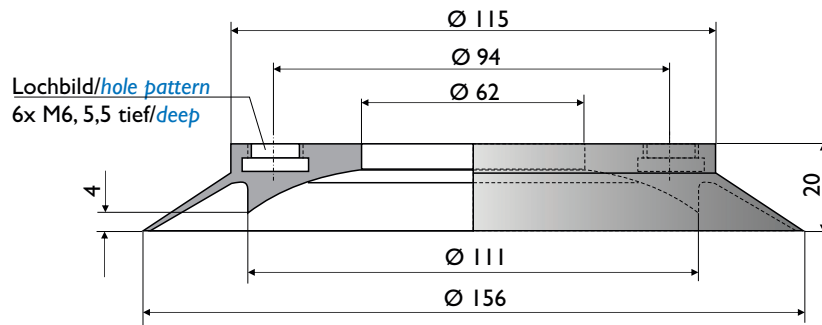
Art. No.: FI.156.001.*

Hub/*Stroke*: 4,0 mm

Gewicht/*Weight*: 120 g

*Material:

NBR grau/*grey* 50° Shore



Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 113 kg
Holding force with simple security at 60% vacuum: 113 kg

Art. No.: F0.160.002.*

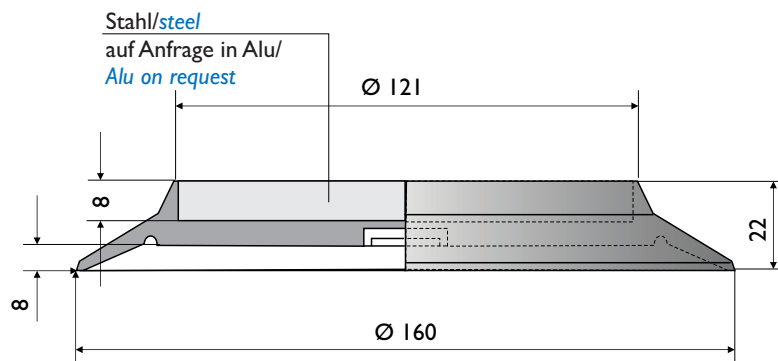
Hub/*Stroke*: 8,0 mm

Gewicht/*Weight*: 780 g

*Material:

NBR grau/*grey*

SBR rotbraun/*red brown*



Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.

With vacuum connect and mounting thread on request.

Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 120 kg
Holding force with simple security at 60% vacuum: 120 kg

Vakuumflachsauger Ø 180 mm

Flat Vacuum Suction Cups dia. 180 mm

Art. No.: F0.180.001.*

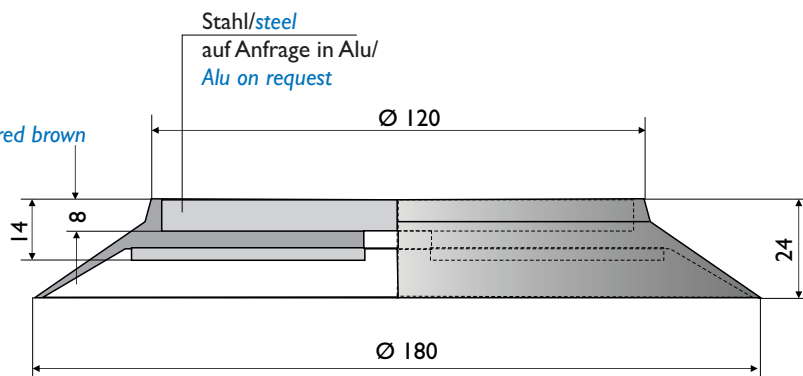
Hub/*Stroke*: 9,0 mm

Gewicht/*Weight*: 820 g

*Material:

NBR grau/*grey*

SBR rotbraun/*red brown*



Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.

*With vacuum connect and mounting thread
 on request.*

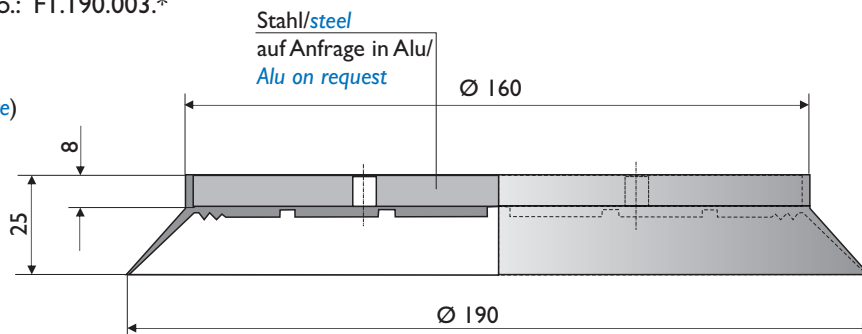
Haltekraft bei einfacher Sicherheit bei 60% Vakuum: 150 kg
Holding force with simple security at 60% vacuum: 150 kg

Art. No.: FI.190.002.* + Art. No.: FI.190.003.*
(mit Bohrbild/with drilling picture)

Art. No.: F0.190.002.*
(ohne Bohrbild/without drilling picture)

Hub/Stroke: ca. 9 mm
Gewicht/Weight: 540 g

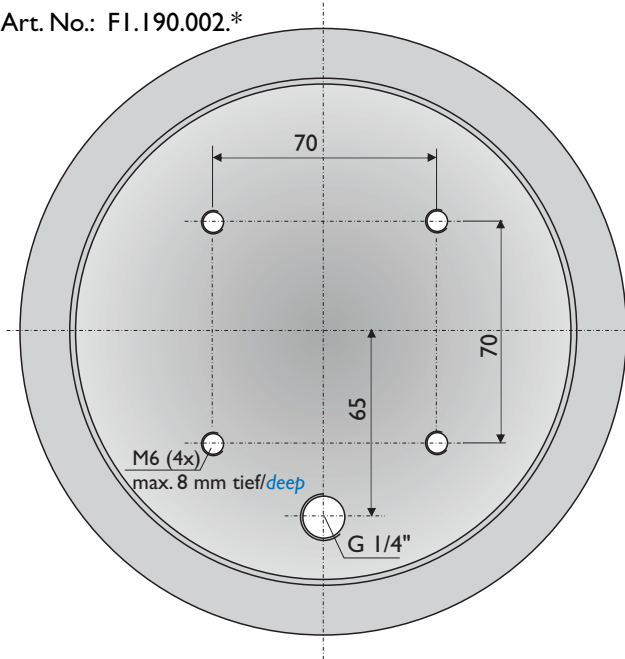
*Material:
NBR grau/grey
SBR rotbraun/red brown
Weitere Materialien auf Anfrage.
Other materials on request.



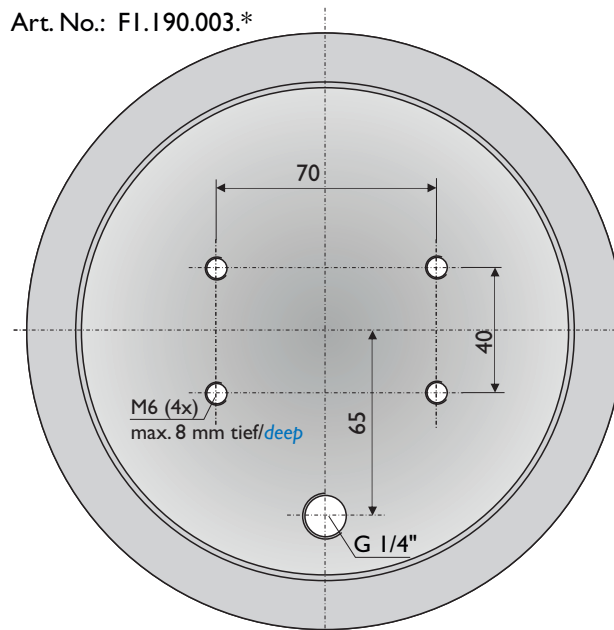
Haltekraft bei einfacher Sicherheit
bei 60% Vakuum: 170 kg

Holding force with simple security
at 60% vacuum: 170 kg

Art. No.: FI.190.002.*



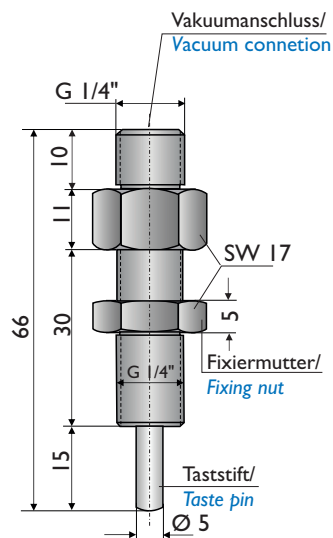
Art. No.: FI.190.003.*



Standardtastventil Art. No.: TV.013
höhenverstellbar
Hub: 15 mm einstellbar
Gewicht: 14 g

Plunger valve Art. No.: TV.013
height adjustable
Stroke: 15 mm adjustable
Weight: 14 g

Weitere Typen auf Anfrage lieferbar.
Further types are available on request.



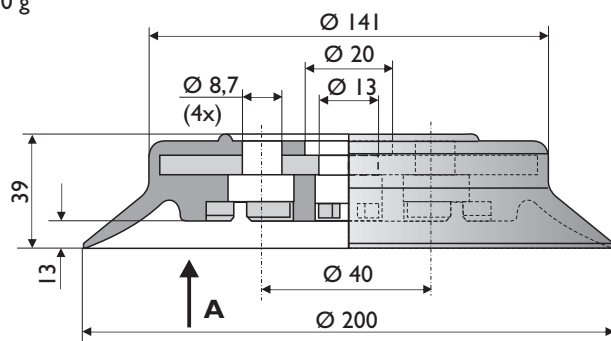
Vakuumflachsauger Ø 200 mm

Flat Vacuum Suction Cups dia. 200 mm

Art. No.: F0.200.001.*

Hub/Stroke: 13 mm

Gewicht/Weight: 830 g



*Material:

NBR schwarz/black - 40° - +110° C

Silikon transparent - 70° - +200° C

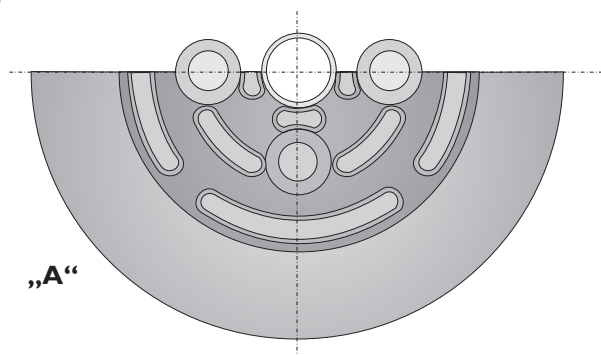
Polyurethan blau/blue - 25° - +80° C

Art.No.: F0.200.AM2.bl

hochabdruckarm/high anti-marking

temperaturbeständig/temperature resistant

-10° - +165° C



Einsatzbereiche:

Für flächige Werkstücke mit glatter oder leicht rauer Oberfläche (Bleche, Holz, Glas usw.).

Vorteile:

Positionsstabil durch einvulkanisierte Trägerplatte. Auch für hohe Beschleunigungen geeignet.

Optional: mit Anschlusssteil IG 1/2"

Use:

For flat workpieces with smooth or lightly rough surface (sheets, wooden, glass etc.).

Advantages:

With a stable position by an invulcanized carrier plate.

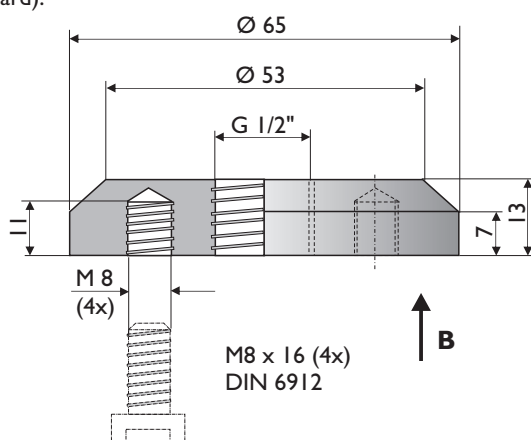
Suitable for high accelerations.

Option: with fitting IG 1/2"

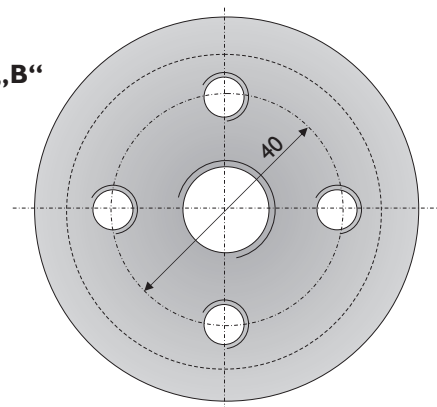
Anschlusssteil/Fitting (Standard):

AT.0056 - IG 1/2"

Material: Aluminium



„B“



Hinweis:

Passende Federstößel mit verschiedenen Hübren auf Anfrage lieferbar.

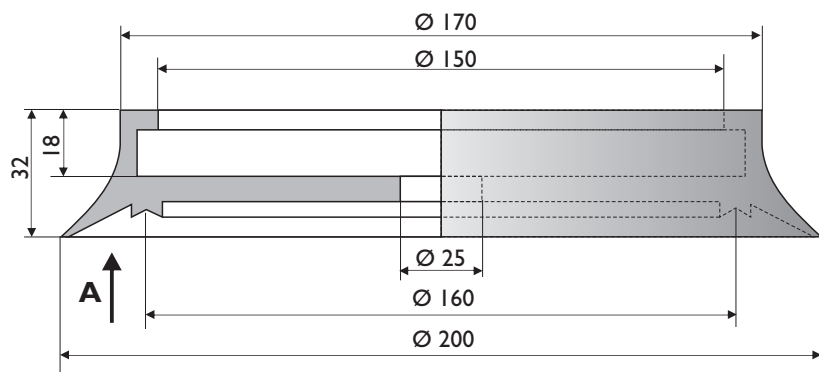
Note:

Suitable spring levelers with different strokes are available on request.

Art. No.: F0.200.002.*

Hub/Stroke: 5 mm

Gewicht/Weight: 210 g



* Material:

NBR grau/grey 50° Shore

NR rot/red 35° Shore

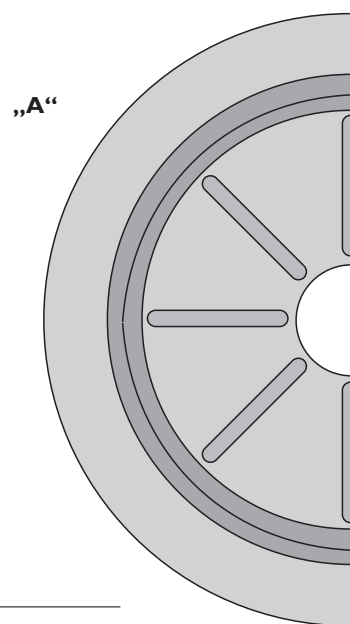
Silikon transparent 55° Shore

Spezialeinsatz für die Holzindustrie.

Vorteil: Optimale Abdichtung von rauen und unebenen Werkstücken durch zweifache, innenliegende „V-Dichtlippe“.

Special use for the woodworking industrie.

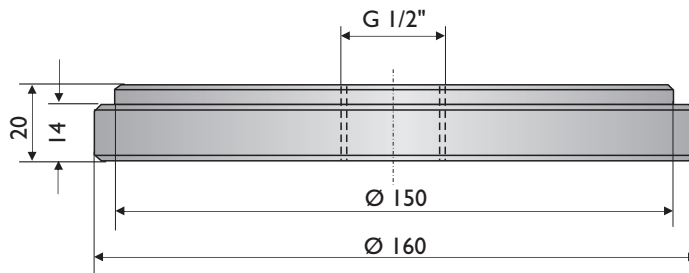
Advantage: optimal sealing of rough and uneven workpieces due to double inner „V-Lips“.



Anschlussstück/Fitting
 AT.0335 - IG 1/2"

Gewicht/Weight: 1080 g

Material: Alu, blank



Vakuumflachsauger Ø 210 - 215 mm

Flat Vacuum Suction Cups dia. 210 - 215 mm

Art. No.: F0.210.002.* ohne Bohrbild/*without drilling picture*

Art. No.: F1.210.002.* mit Bohrbild/*with drilling picture*: IG M16x1,5 mm, mittig/*center*
(oder anderes Bohrbild auf Anfrage/*or another drilling picture on request*)

Hub/*Stroke*: 14 mm

Gewicht/*Weight*: 1300 g (Stahl/*steel*)

*Material:

NBR grau/*grey*

hochabriebfest, ölbeständig, hochabdruckarm/

high abrasion resistant, oil resistant, high anti marking

SBR rotbraun/*red brown*

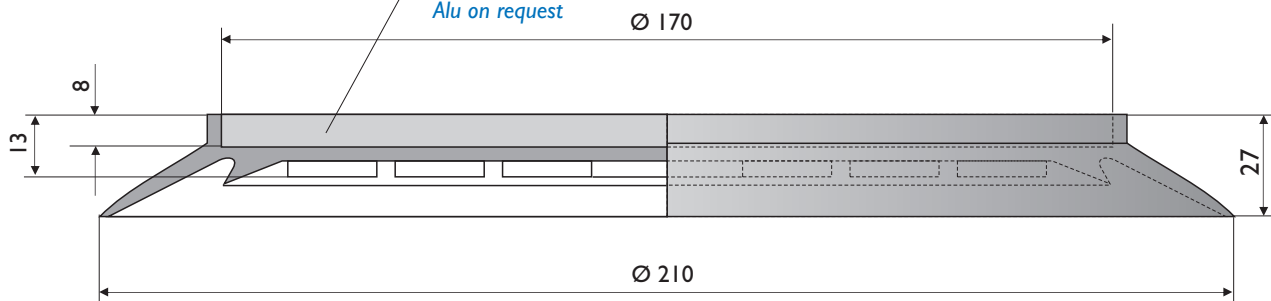
Weitere Materialien auf Anfrage.

Other materials on request.

Stahl/*steel*

auf Anfrage in Alu/

Alu on request



Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 188 kg

Holding force with simple security and 60% vacuum: approx. 188 kg

Art. No.: F0.215.002.*

Hub/*Stroke*: 11 mm

Gewicht/*Weight*: 1400 g (Stahl/*steel*)

*Material:

NBR grau/*grey*

hochabriebfest, ölbeständig, hochabdruckarm/

high abrasion resistant, oil resistant, high anti marking

SBR rotbraun/*red brown*

SBR schwarz/*black*

Ohne Bohrbild/*without drilling picture*

Auf Wunsch: mit Vakuumanschluss

und Befestigungsgewinde/

On request: with vacuum connect

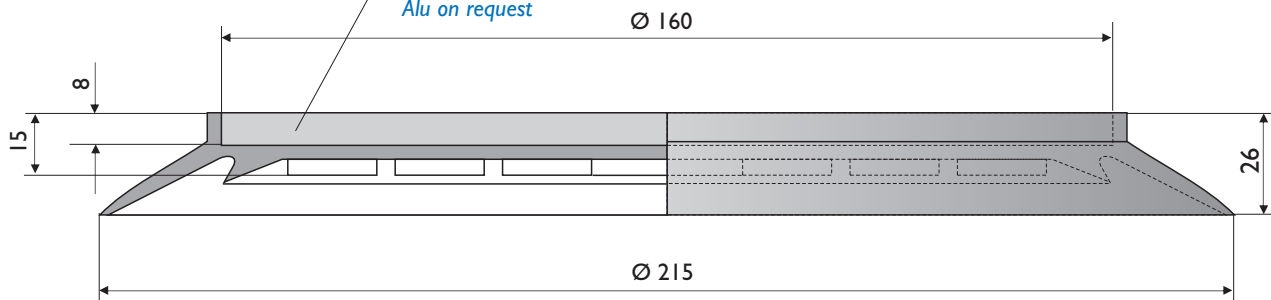
and fastening thread



Stahl/*steel*

auf Anfrage in Alu/

Alu on request



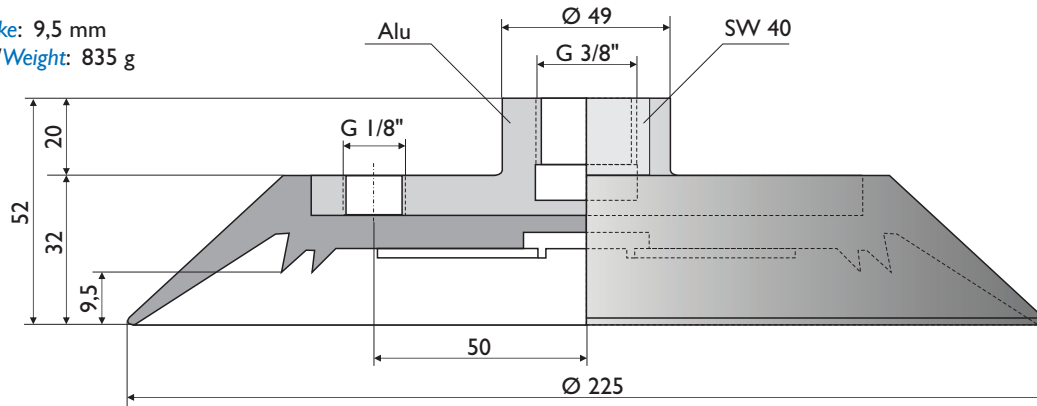
Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 215 kg

Holding force with simple security and 60% vacuum: approx. 215 kg

Art. No.: FI.225.001.*

Hub/Stroke: 9,5 mm

Gewicht/Weight: 835 g



*Material:

NBR schwarz/black 50° Shore

Silikon rot/red 55° Shore

Silikon transparent 50° Shore

Hinweis:

Gewinde G1/8" ist nicht durch das Gummi gebohrt.

Note:

Threads G1/8" is not drilled through the rubber.

Art. No.: F0.240.001.*

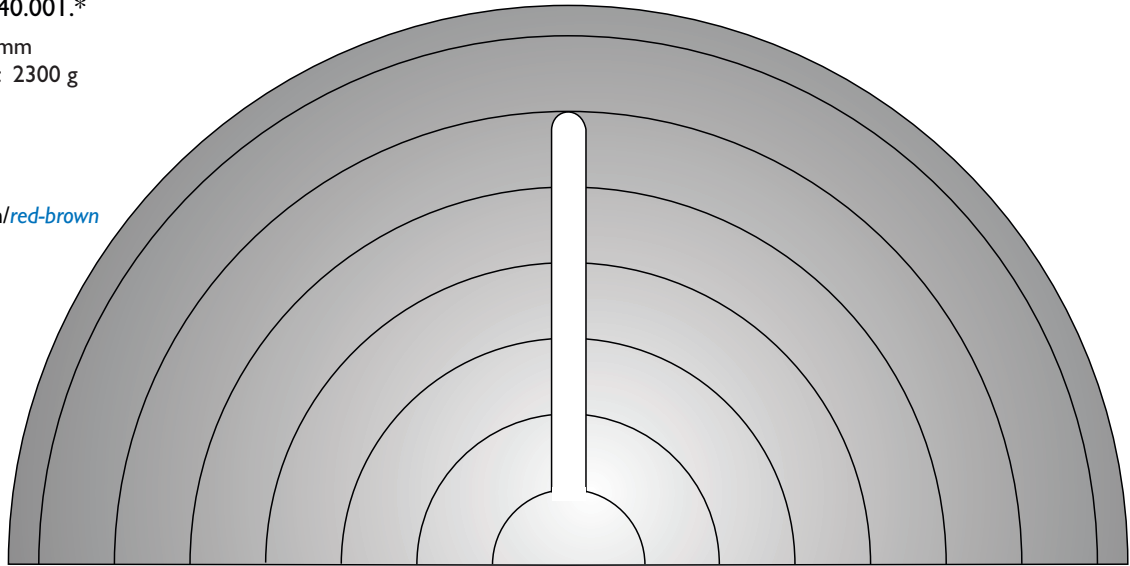
Hub/Stroke: 14 mm

Gewicht/Weight: 2300 g

*Material:

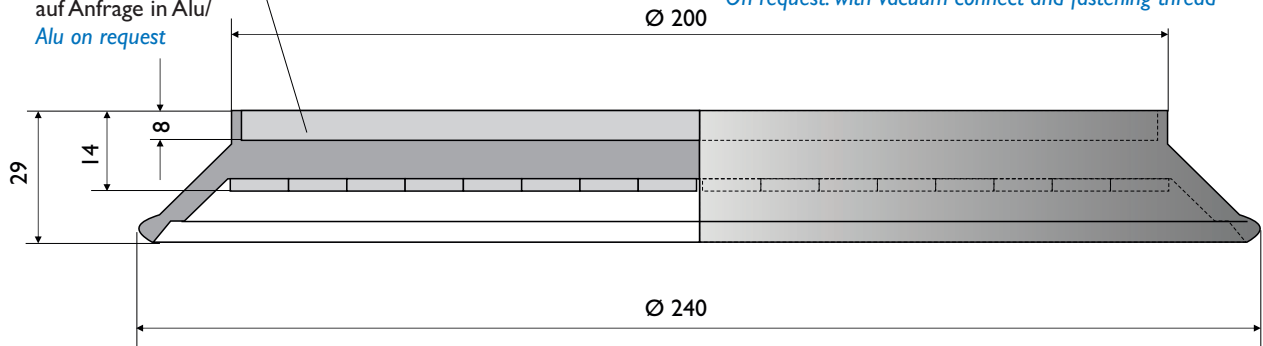
NBR grau/grey

Silikon rotbraun/red-brown



Stahl/steel
 auf Anfrage in Alu/
 Alu on request

Auf Wunsch: mit Vakuumanschluss und Befestigungsgewinde/
 On request: with vacuum connect and fastening thread



Vakuumflachsauger Ø 260 - 270 mm

Flat Vacuum Suction Cups dia. 260 - 270 mm

Art. No.: F0.260.001.*

Hub/Stroke: 8,0 mm

Gewicht/Weight: 2200 g

*Material:

NBR grau/grey

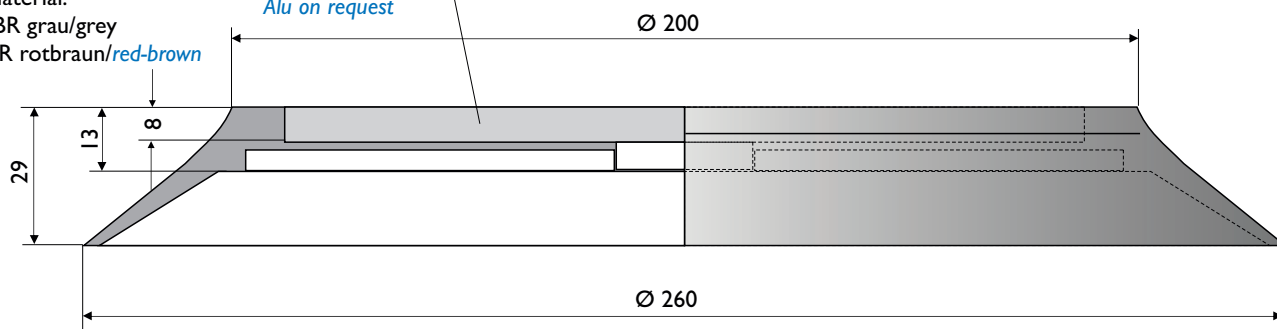
SBR rotbraun/red-brown

Stahl/steel

auf Anfrage in Alu/
Alu on request

Mit Vakuumanschluss und Befestigungsgewinde
nach Bohrbild möglich.

With vacuum connect and mounting thread
on request.



Art. No.: F0.270.001.* (ohne Bohrbild/without drilling picture)

Art. No.: F1.270.001.* (mit Bohrbild mittig IG 1/4"/with drilling picture center IG 1/4")

Hub/Stroke: 19 mm

Gewicht/Weight: 2200 g (Stahl/steel)

* Material:

NBR grau/grey

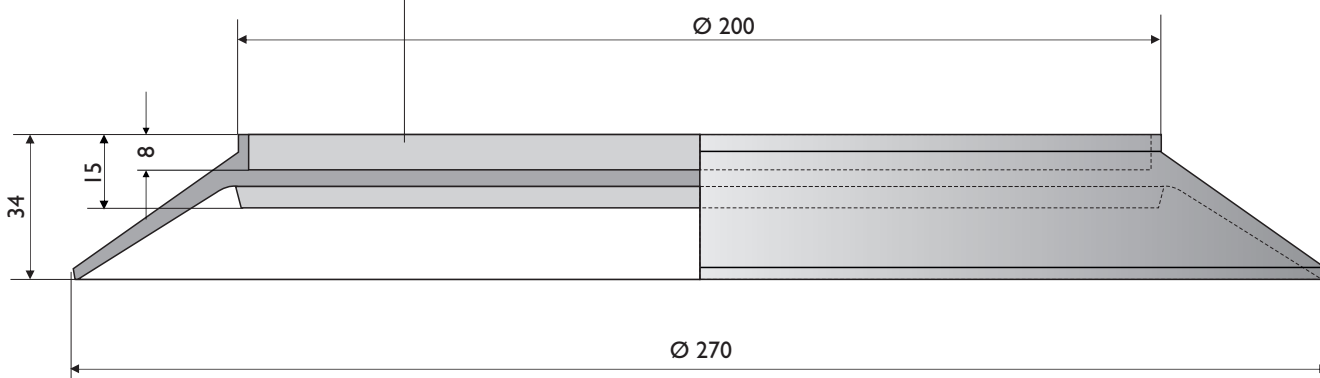
SBR rotbraun/red brown

Stahl/steel

auf Anfrage in Alu/
Alu on request

Mit Vakuumanschluss und Befestigungsgewinde
nach Bohrbild möglich.

With vacuum connect and mounting thread
on request.



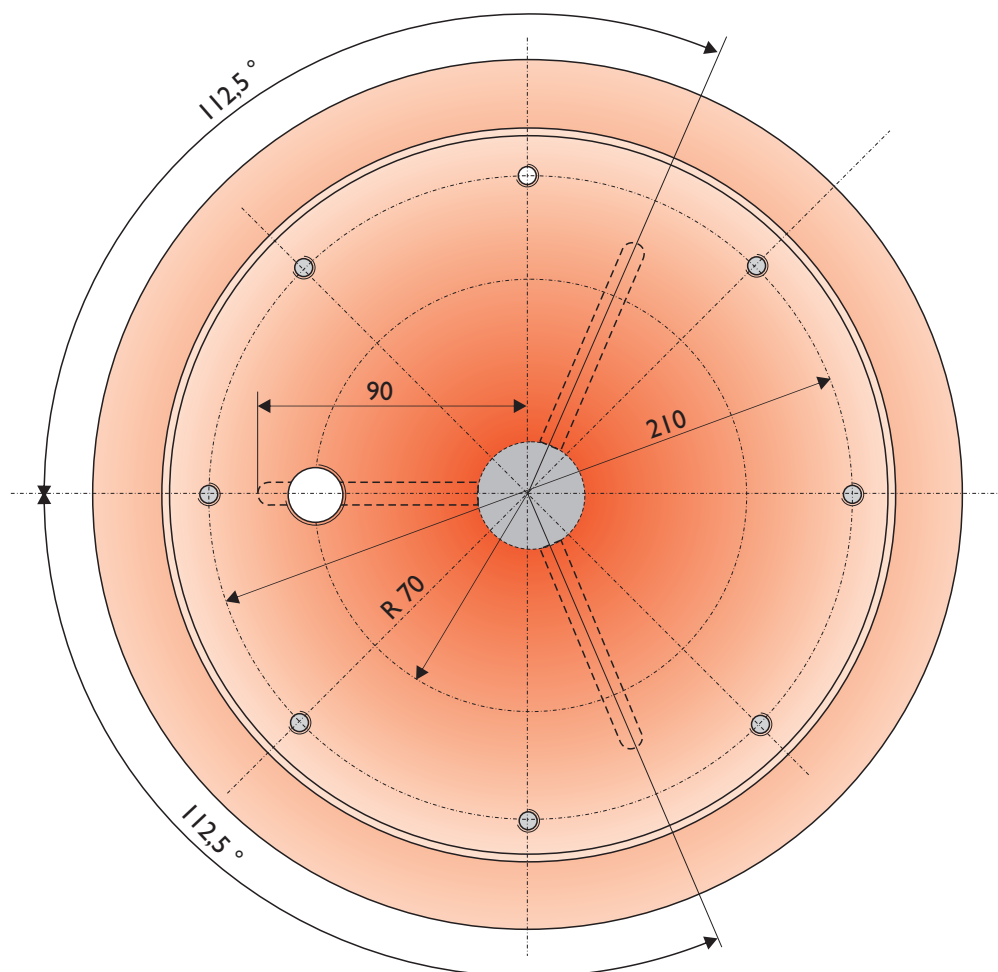
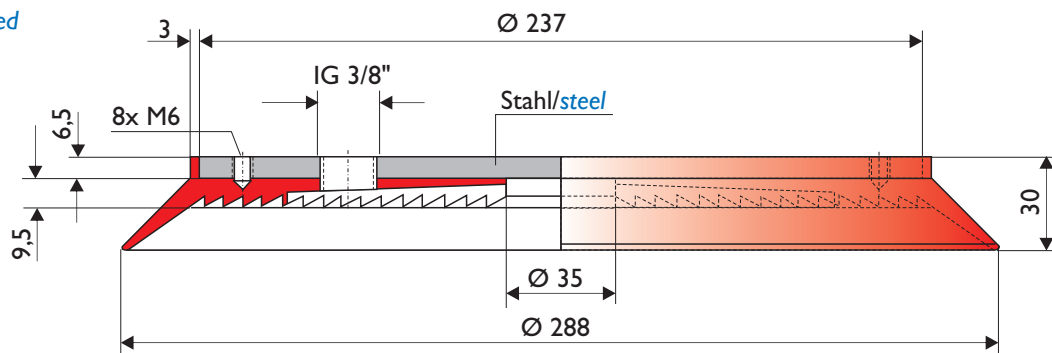
Art. No.: FI.288.001.*

Hub/*Stroke*: 12 mm

Gewicht/*Weight*: 2580 g

*Material:

Silikon rot/*red*



Vakuumflachsauger Ø 300 mm

Flat Vacuum Suction Cups dia. 300 mm

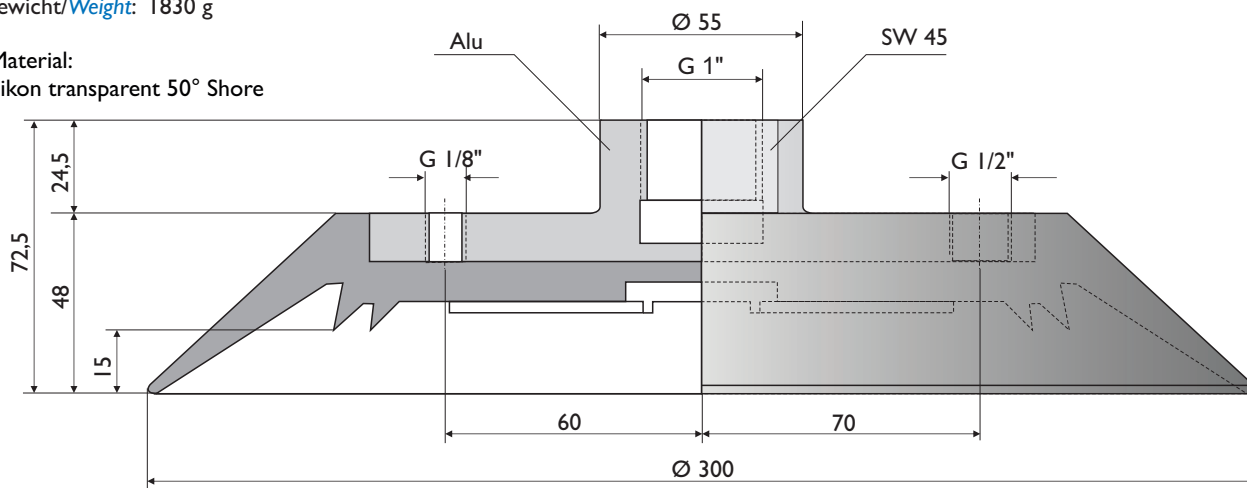
Art. No.: FI.300.001.*

Hub/Stroke: 15 mm

Gewicht/Weight: 1830 g

*Material:

Silikon transparent 50° Shore



Hinweis:

Gewinde G 1/8" und G 1/2"
sind nicht durch das Gummi gebohrt.

Note:

Threads G 1/8" and G 1/2"
are not drilled through the rubber

Art. No.: F0.300.001.*

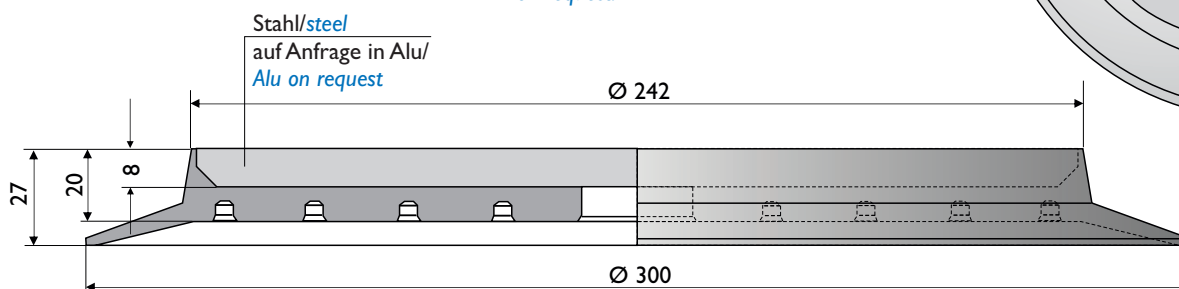
Hub/Stroke: 7,0 mm

Gewicht/Weight: 3400 g

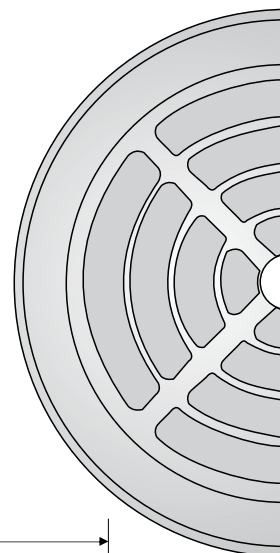
*Material:

NBR grau/grey

SBR rotbraun/red-brown



Mit Vakuumanschluss und Befestigungsgewinde
auf Wunsch nach Bohrbild möglich.
With vacuum connect and mounting thread
on request.



Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 210 kg
Holding force with simple security and 60% vacuum: approx. 210 kg

Vakuumflachsauger Ø 340 mm

Flat Vacuum Suction Cups dia. 340 mm

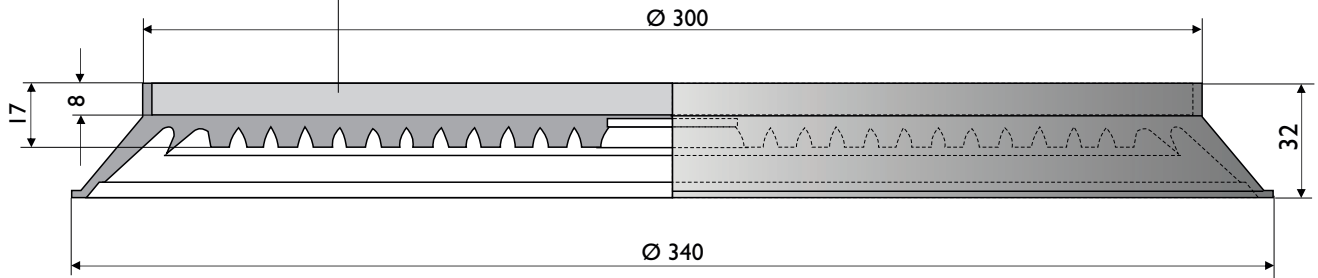
Art. No.: F0.340.001.*

Hub/Stroke: 15 mm

Gewicht/Weight: 4900 g

Stahl/steel
 auf Anfrage in Alu/
 Alu on request

Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.
 With vacuum connect and mounting thread
 on request.



*Material:

NBR grau/grey

SBR rotbraun/red-brown

Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 265 kg
 Holding force with simple security and 60% vacuum: approx. 265 kg

Vakuumflachsauger Ø 350 mm

Flat Vacuum Suction Cups dia. 350 mm

1 = Sauglippe/*Suction lip* Art. No.: F0.350.002.*

*Material:

NBR grau/*grey* 50° Shore

Silikon transparent 45° Shore

Naturgummi/*natural rubber* 40° Shore (auf Anfrage/*on request*)

Gewicht/*Weight*: 0,46 kg

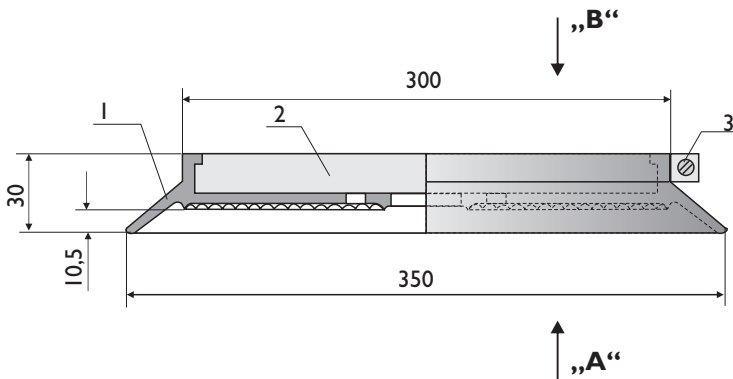
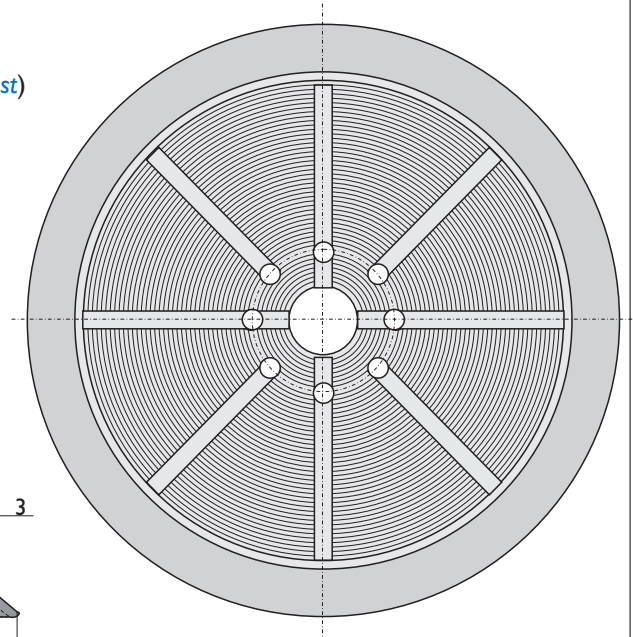
2 = Aufnahmeplatte/*Receiving plate* Art. No.: AT.0453

Gewicht/*Weight*: 2,0 kg

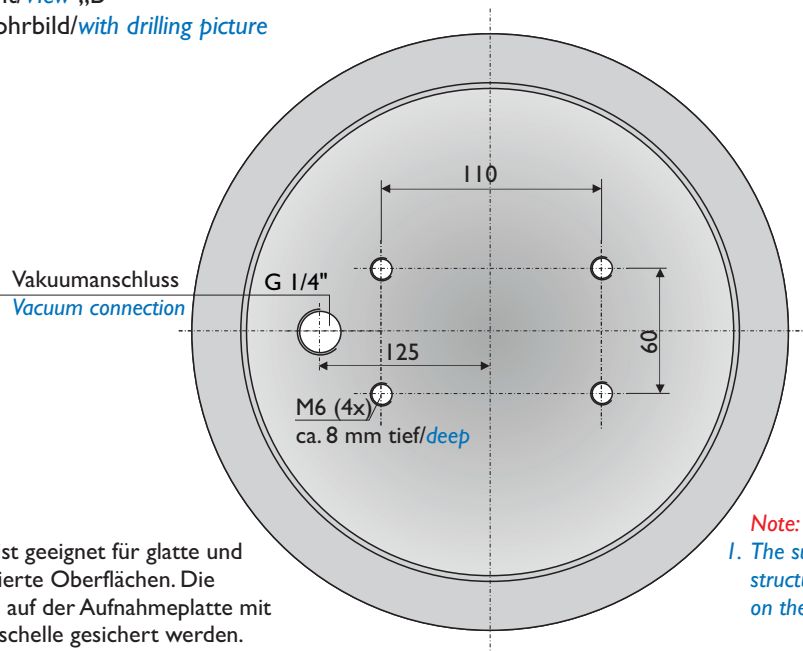
3 = Schlauchschelle/*Hose clamp* Art. No.: SSE.300.VZ

Gewicht/*Weight*: 0,04 kg

Ansicht/*View* „A“



Ansicht/*View* „B“
mit Bohrbild/*with drilling picture*



Hinweis:

1. Die Sauglippe ist geeignet für glatte und leicht strukturierte Oberflächen. Die Sauglippe kann auf der Aufnahmeplatte mit einer Schlauchschelle gesichert werden.
2. Auf Wunsch ohne, bzw. mit anderem Bohrbild lieferbar.

Note:

1. The suction lip is made for smooth and slightly structured surfaces. The suction lip can be fixed on the receiving plate with a hose clamp.
2. On request without or with other drilling picture available.

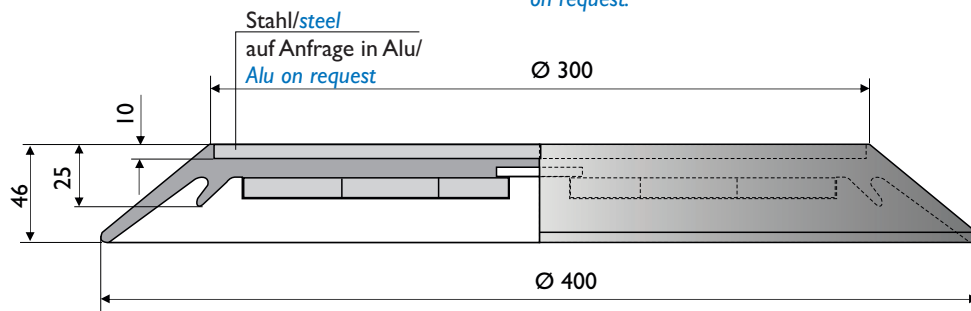
Art. No.: F0.400.001.*

Hub/Stroke: 25 mm

Gewicht/Weight: 5900 g

Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.

*With vacuum connect and mounting thread
 on request.*



*Material:

NBR grau/grey

SBR rotbraun/red-brown

Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 370 kg

Holding force with simple security and 60% vacuum: approx. 370 kg

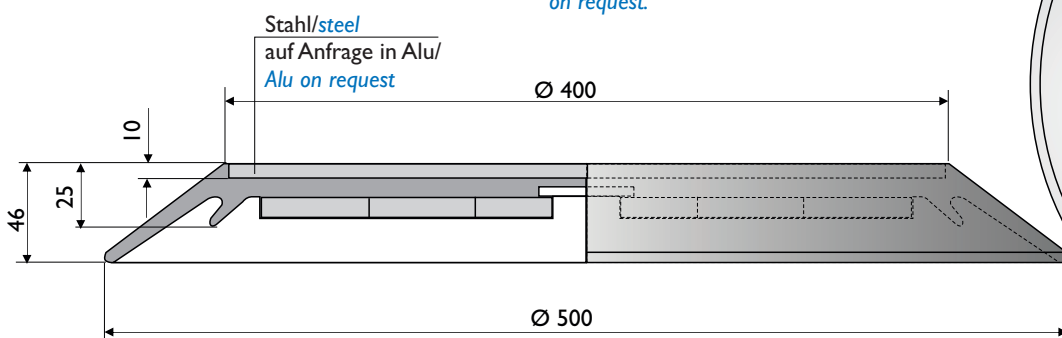
Art. No.: F0.500.001.*

Hub/Stroke: 25 mm

Gewicht/Weight: 8300 g

Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.

*With vacuum connect and mounting thread
 on request.*



*Material:

NBR grau/grey

SBR rotbraun/red-brown

Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 580 kg

Holding force with simple security and 60% vacuum: approx. 580 kg

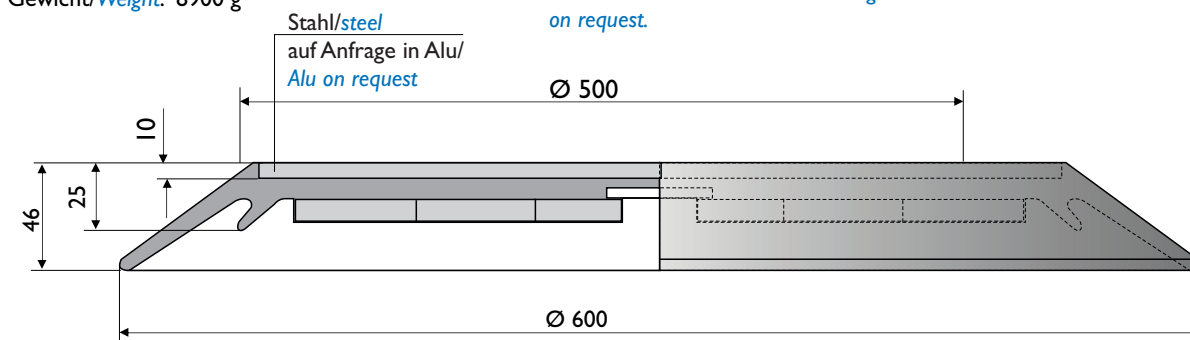
Art. No.: F0.600.001.*

Hub/Stroke: 25 mm

Gewicht/Weight: 8900 g

Mit Vakuumanschluss und Befestigungsgewinde
 auf Wunsch nach Bohrbild möglich.

*With vacuum connect and mounting thread
 on request.*



*Material:

NBR grau/grey

SBR rotbraun/red-brown

Haltekraft bei 1-facher Sicherheit und 60% Vakuum: ca. 840 kg

Holding force with simple security and 60% vacuum: approx. 840 kg

Zubehör - Halteringe

Accessories - Holding Rings

Halteringe Serie HR-P Holding rings Series HR-P

Art. No.	Ø D mm	Ø d mm	H mm
HR.001	14	9,7	1,8
HR.002	20	13	2,5
HR.003	26	19	3,2

Material:
Polyurethan 60° Shore

